Soil Geochemistry on the CUL 12 to 14 Claims

Klondike Star Mineral Corporation

By:

094702

W.D. Mann, M.Sc.

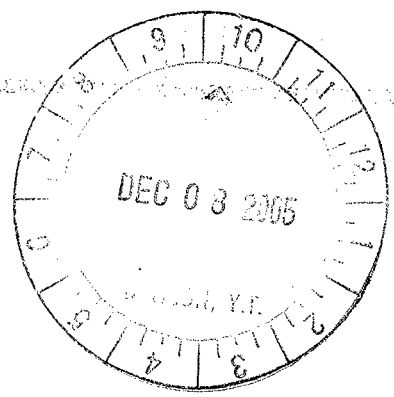
Claims:

CUL 12-14	YC32841 - YC32843

Work Performed June 4, 2005

Claim Owner: Klondike Gold Corp.

Location: 63°50'N, 139°11'W
NTS Map Sheet 115O/14
Dawson Mining District



Costs associated with this report have been approved in the amount of $ 900
for assessment credit under Certificate of Work No. QD00629

K. Lerry

Mining Recorder
Dawson City Mining District

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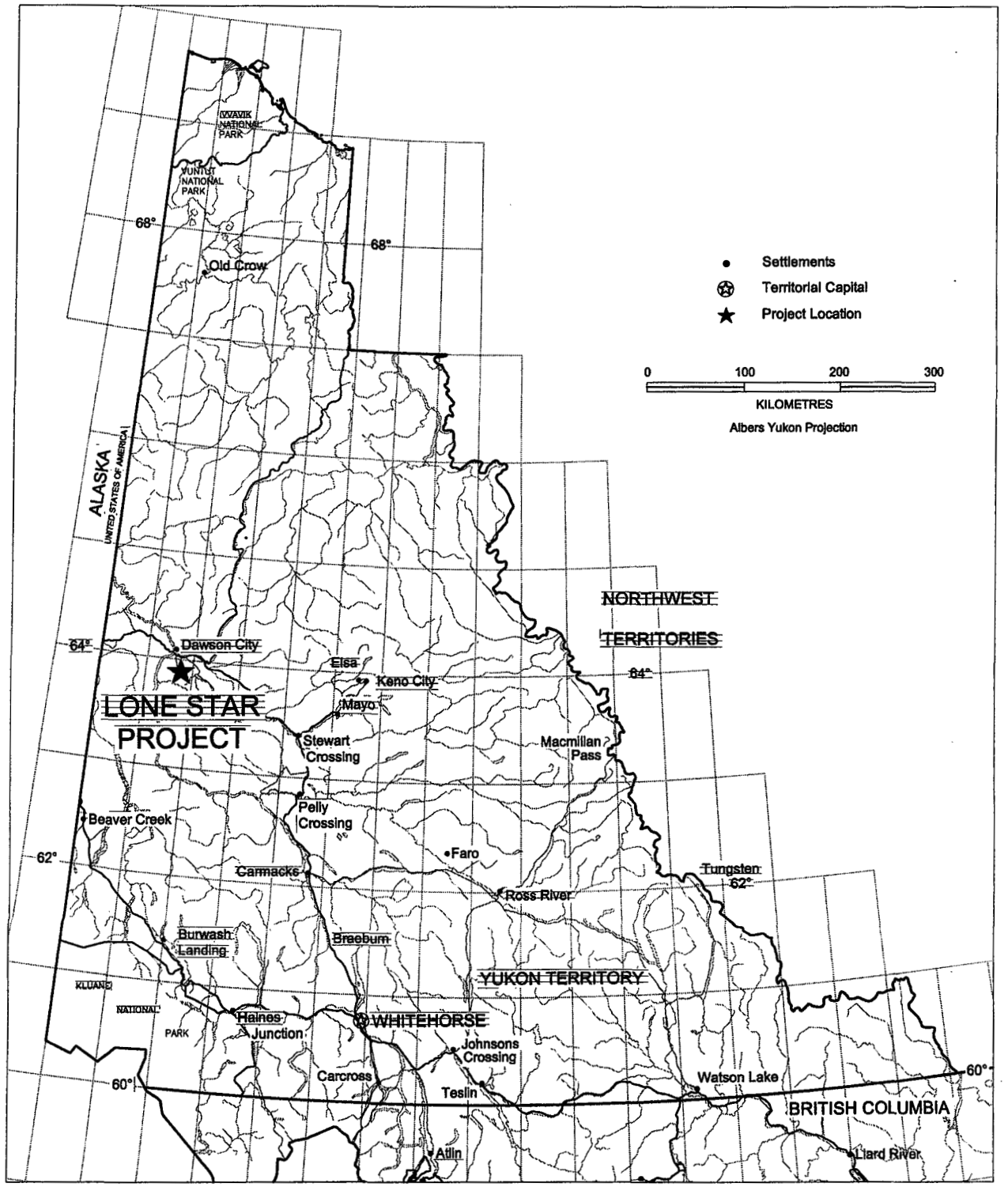
APPENDICES

1.0 CLAIM LIST:

Grant No.	Claim	Expiry Date
YC32841	**Cul 12**	**09/06/2005**
YC32842	**Cul 13**	**09/06/2005**
YC32843	**Cul 14**	**09/06/2005**

2.0 STATEMENT OF COSTS:

W. Mann	.5 day		450	**$225**
P. Ledwidge	.5 day		413	**$206**
Truck				**$80**
Soil Samples		10	15	**$150**
Shipping		10	1	**$10**
Living Allowance		2	75	**$150**
Report Writing				**$500**
				$1,321



KLONDIKE STAR MINERAL CORP.
KLONDIKE GOLD CORP.

LONE STAR PROJECT
LOCATION MAP

SCALE: 1 : 6,000,000		DATE: Feb. 11, 2005
	DRAWN:	FIGURE 1

3.0 Location and Access

The CUL 12 to 14 claims are part of the Lone Star project of Klondike Star Mineral Corporation, located in the Klondike goldfields area, south of Dawson City, Yukon. The area has an extensive network of roads and trails across gentle to moderate topography.

The CUL 12 – 14 claims are located on the ridge dividing the Eldorado Creek drainage (Chief Gulch) and the Calder Creek drainage (fig. 2). The claims are easily reached by four wheel drive road from Eldorado Creek, following the ridge road towards Ophir Creek. Subsidiary trails have been bulldozed to the south from the ridge road to access competitor claims.

4.0 Regional and Local Geology

The claims are located on a south-facing slope that has not been glaciated. There is little or no outcrop exposed in the claim area. The claims are underlain by the Klondike Schist, a Permian aged felsic to mafic metavolcanic/ metasedimentary unit. The unit is locally cut by younger felsic to mafic dykes. The claims lie across the drainage divide from Eldorado creek, an extremely rich placer gold creek. Calder Creek, which drains the claims was not a significant placer producer.

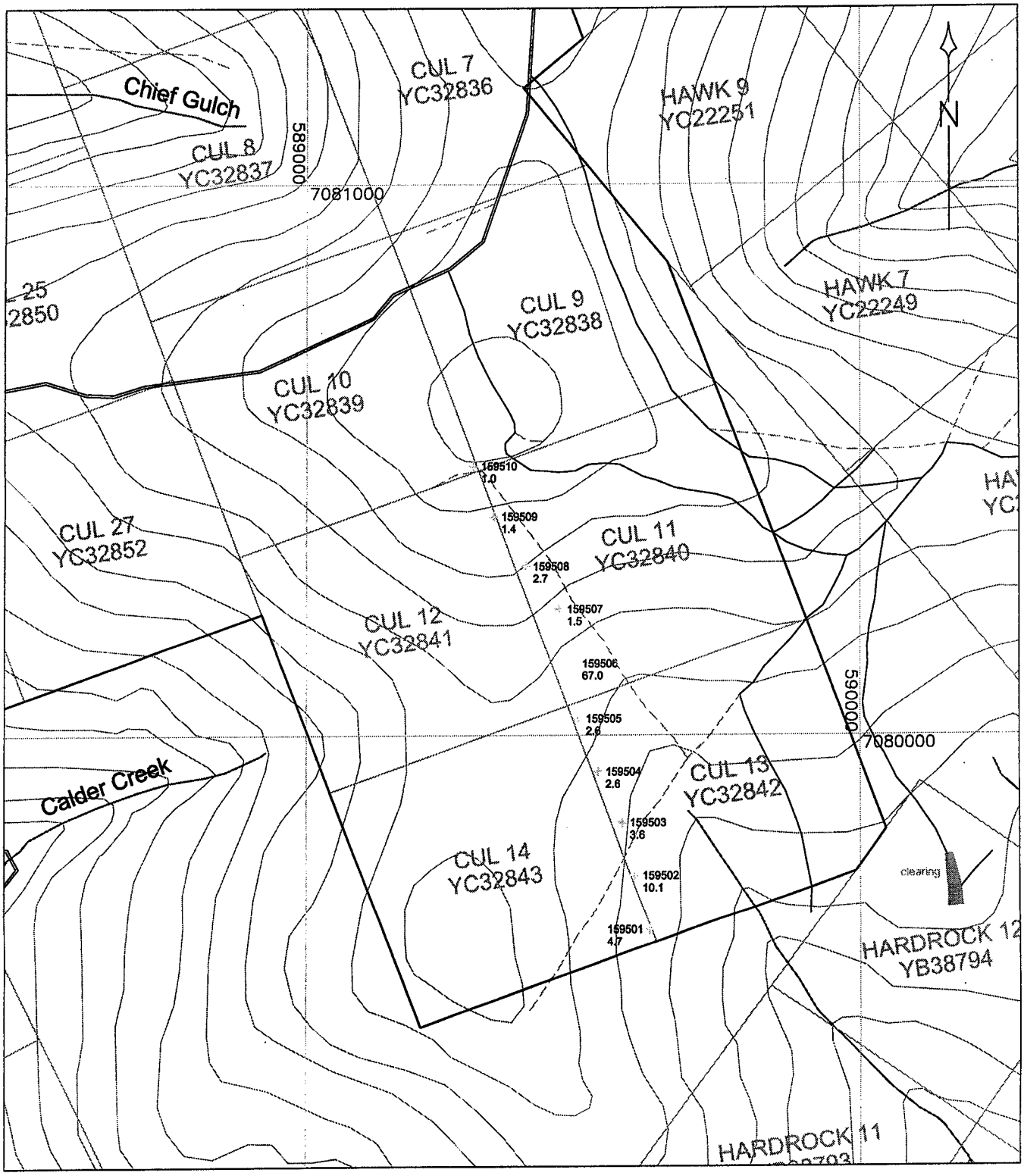
5.0 Soil Geochemical Survey

A soil geochemical survey was undertaken by the author and fellow geologist Peter Ledwidge on June 4, 2005. Ten soil samples were collected along a line with approximately 100 meters between samples. Samples were collected with a spade from the "B" horizon, at a depth of 20 to 60cm. A description of the soil samples was recorded (see Appendix). Some frozen soil was encountered under a deep organic horizon near the south end of the sample line, however thawed ground was present for most samples. The southern exposure of this area makes soil sampling relatively easy, as the active layer is deep and thawed early in the field season.

The soil in many cases was composed of silt and sand sized material, which in hindsight may be loess instead of locally derived mineral soil.

There is no record of any previous soil geochemical survey in this area, despite numerous surveys in the area a few kilometers to the north.

Analysis by ACME ANALYTICAL LABORATORIES LTD. 852 E. Hastings St. Vancouver BC V6A 1R6.
Analysis method as follows: GROUP 1DX - 15 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.



LEGEND

159502 Soil sample number
10.1 ppb Au

0 100 200 300 400 500m

KLONDIKE STAR MINERAL CORP.		
LONE STAR PROJECT Soil Samples 2005 CUL 10, 11-14 Claims		
SCALE: 1:10000	UTM NAD 83, ZONE 7	DATE: December 3, 2005
NTS: 115 O/14		FIGURE

6.0 Results, Conclusions and Recommendations

The survey returned one anomalous gold value, 10.1 ppb from sample 159502. In this area 10 ppb Au is at the 95th percentile, and represents a weak anomaly. No other elements are consistently reliable as pathfinders for gold in the Eldorado Creek area, though there is one elevated arsenic value (134.6ppm in 159503), and several elevated silver values that might indicate a generally favourable environment for gold exploration.

There has been relatively little exploration on this side of the Eldorado creek divide, despite structural trends and favourable geological units which extend from Eldorado Creek in the direction of the CUL claims. Soil geochemistry should be effective in this area, and a more thorough survey is warranted.

Future soil sampling should endeavour to consistently penetrate below the loess into B or C horizon soils. This could more easily be done with a soil auger than a spade.

STATEMENT OF QUALIFICATIONS

WILLIAM D. MANN
19 HAYES CRESCENT, WHITEHORSE, YUKON

1. I am a Graduate of Queen's University, 1986, with a Master of Science Degree in Mineral Exploration Geology.

2. I am a Graduate of the University of British Columbia, 1983, with a Bachelor of Science Degree in Geology.

3. I have worked in mineral exploration and mining continuously since 1979.

4. I designed and supervised the work program on the Lone Star project in 2005.

5. I am an employee of Klondike Star Mineral Corp., owner of the claims, and hold stock options in partner Klondike Gold Corp.

December 5, 2005

William D. Mann, M.Sc.

Sampler	Bill Mann								
Sample	**East UTM**	**North UTM**	**Claim**	**Date**	**Colour**	**Horizon**	**Depth (cm)**	**Grain Size**	**Description**
159501	589624	7079649	CUL 13,14	6/4/2005	dk orange-brown	B	60	silty clay	no pebbles, saturated
159502	589597	7079748	CUL 13,14	6/4/2005	dk yellow-brown	B	35	silty clay	minor sand, no pebbles, moist
159503	589574	7079843	CUL 13,14	6/4/2005	brown	A	35	clay	some organics, frozen-wet
159504	589529	7079935	CUL 13,14	6/4/2005	oxy brown	B	35	silt-clay-sand	minor organics
159505	589493	7080030	CUL 13,14	6/4/2005	orange-brown	B	20	silt-clay-sand	minor QMS gravel
159506	589486	7080130	CUL 12	6/4/2005	orange-brown	B	35	sandy silt	minor pebbles QMS, QV
159507	589458	7080229	CUL 12	6/4/2005	yellow-brown	B	35	silt-sand-clay	
159508	589396	7080307	CUL 12	6/4/2005	yellow-brown	B	35	sandy silt	minor gravel, clay, QMS pebbles
159509	589338	7080397	CUL 12	6/4/2005	orange-brown	B/C	35	gravel-clay-silt	30% QMS, moist
159510	589301	7080488	CUL 12	6/4/2005	orange-brown	B	30	silty clay	QMS pebbles

Acme file # A503229 Page 1 Received: JUL 6 2005 * ..... samples in this disk file.
Analysis: GROUP 1DX - 15 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	**Au**	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Sample
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	**ppb**	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	gm
159501	1.7	47.6	25.5	118	0.6	21.2	12.4	562	3.46	16.7	1.7	**4.7**	5.5	32	0.3	0.5	0.4	76	0.52	0.06	20	40	1.01	492	0.085	<1	2.37	0.013	0.16	0.3	0.03	7.3	0.3	<.05	8	0.7	15
159502	1.8	54.3	22	86	0.7	19.4	8.3	315	3.17	29.8	1.4	**10.1**	6.6	17	0.4	0.7	0.4	66	0.26	0.041	22	42.8	0.77	219	0.079	<1	2.32	0.007	0.12	0.2	0.06	7.5	0.3	<.05	8	0.5	15
159503	2.3	26.8	14.7	67	0.5	21.6	5.9	160	2.16	134.6	0.9	**3.6**	2.9	27	0.3	1.6	0.5	77	0.43	0.076	12	65.6	0.94	202	0.098	<1	1.85	0.013	0.09	0.2	0.06	6.6	0.3	<.05	8	0.8	15
159504	1.5	23.5	24.1	64	0.2	11.8	5.5	203	2.13	27	2.1	**2.6**	6	24	0.2	0.5	0.4	39	0.33	0.029	26	20.8	0.54	302	0.035	<1	1.53	0.008	0.12	0.2	0.02	5	0.2	<.05	5	0.8	15
159505	2	75.3	47.8	138	0.2	24.6	7.9	218	3.8	31.7	0.9	**2.6**	4.7	16	0.2	0.9	0.7	93	0.23	0.027	17	60.1	1.06	274	0.04	<1	2.56	0.006	0.09	0.4	0.02	8.3	0.3	<.05	9	0.8	15
159506	3.5	41.9	26.9	67	0.1	16.4	8.1	210	3.78	33.2	2.5	**67**	6.7	46	0.1	0.4	0.7	95	0.28	0.046	22	39.5	1.11	407	0.087	<1	2.27	0.011	0.28	0.4	0.01	12	0.5	<.05	9	1.2	15
159507	0.9	33.9	24.8	96	0.1	21.9	7.7	291	3.73	25.6	0.6	**1.5**	4.9	10	0.2	0.6	0.5	72	0.11	0.024	13	51.8	0.89	250	0.045	<1	2.29	0.005	0.08	0.1	0.02	5.5	0.2	<.05	8	0.5	15
159508	0.8	28.8	23	75	0.5	23.6	8.2	297	2.88	11.9	0.6	**2.7**	5.1	9	0.2	0.5	0.2	56	0.08	0.014	15	36.1	0.73	236	0.041	<1	2.16	0.005	0.05	0.1	0.03	4	0.1	<.05	6	0.5	15
159509	1.2	11.7	36	76	0.1	10.9	15	1186	2.89	14.5	0.7	**1.4**	7.1	7	0.1	0.6	0.2	36	0.07	0.034	32	23.1	0.58	260	0.006	<1	1.47	0.003	0.09	0.1	0.02	5.4	0.1	<.05	4	0.5	15
159510	1.7	23.6	19.4	72	1.2	23.9	10.5	346	3.61	10.3	0.8	**1**	4.5	9	0.3	0.7	0.2	77	0.08	0.039	13	46.5	0.65	185	0.061	1	2.32	0.005	0.06	0.1	0.04	3.9	0.2	<.05	7	0.7	15