ASSESSMENT REPORT
GEOLOGY PROGRAM

KRL Property
FORT STEELE MINING DIVISION

N.T.S. MAP SHEET 082G022

UTM COORDINATES 5454500N – 594000E

Work Performed Fall 2006 - Summer 2007

OWNERS
Darlene Lavoie & Sara Kennedy
2290 Dewolfe Ave
Kimberley BC V1A 1P5

REPORT BY
Craig Kennedy
Prospector
2290 Dewolfe Ave.
Kimberley BC V1A 1P5

December 2007

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ROCK GEOCHEMISTRY PROGRAM

Craig Kennedy December 2007

1.00 INTRODUCTION

1.10 LOCATION & ACCESS

The KRL property is located in the Fort Steele Mining division of south-eastern British Columbia. (NTS 1:20000 scale map 082G022) The Sunrise Creek logging road southeast of the village of Moyie provides good two-wheel drive road access to the property. The property is located in a heavily logged area within the headwaters of Teepee Creek. All areas of the KRL property are easily traversed by foot or logging branch roads.

1.20 HISTORY

The KRL property has consistently been held under tenure through the last 15 years. Past work programs have consisted of trenching and limited diamond drilling. Results of this work are not available in the public record. The claim area has been held under tenure by majors, juniors and individuals through the past 40 years.

1.30 THE PROPERTY

The property is three contiguous blocks owned by Darlene Lavoie of 2290 Dewolfe Ave., Kimberley, BC, V1A 1P5.

Figure 1: Regional Location Map

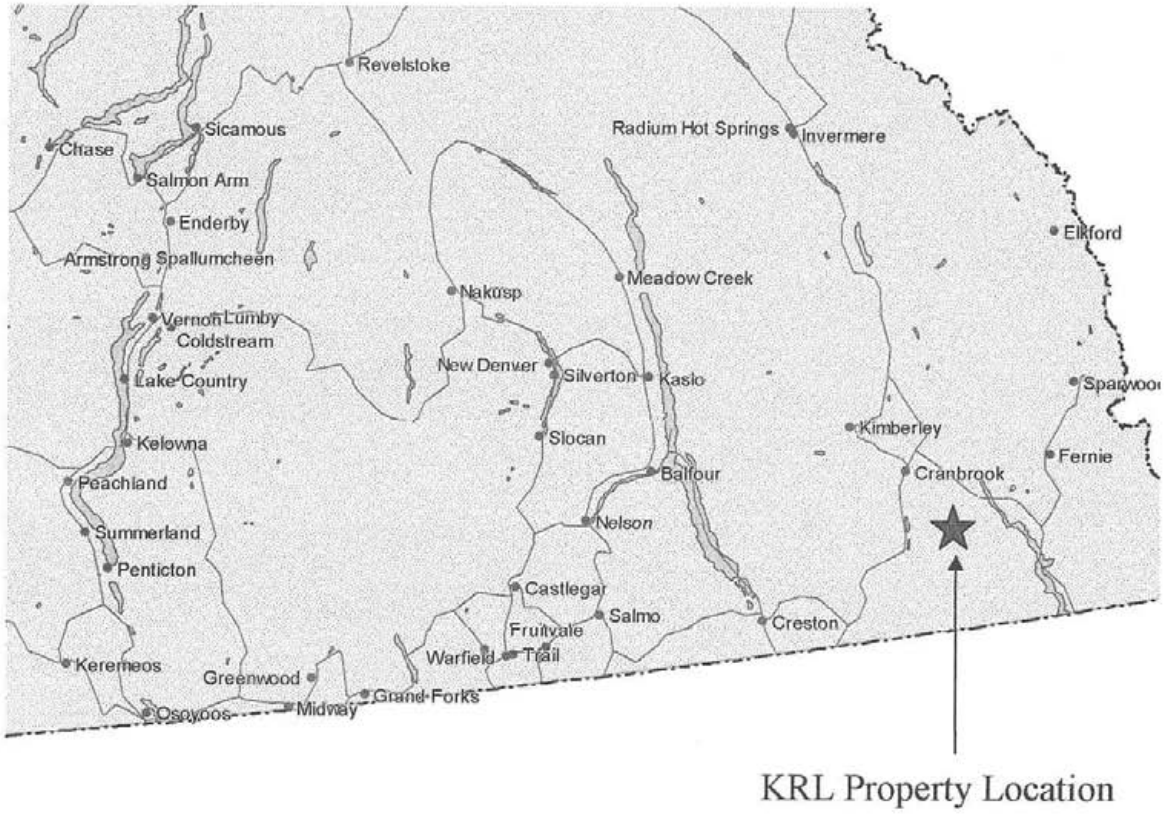
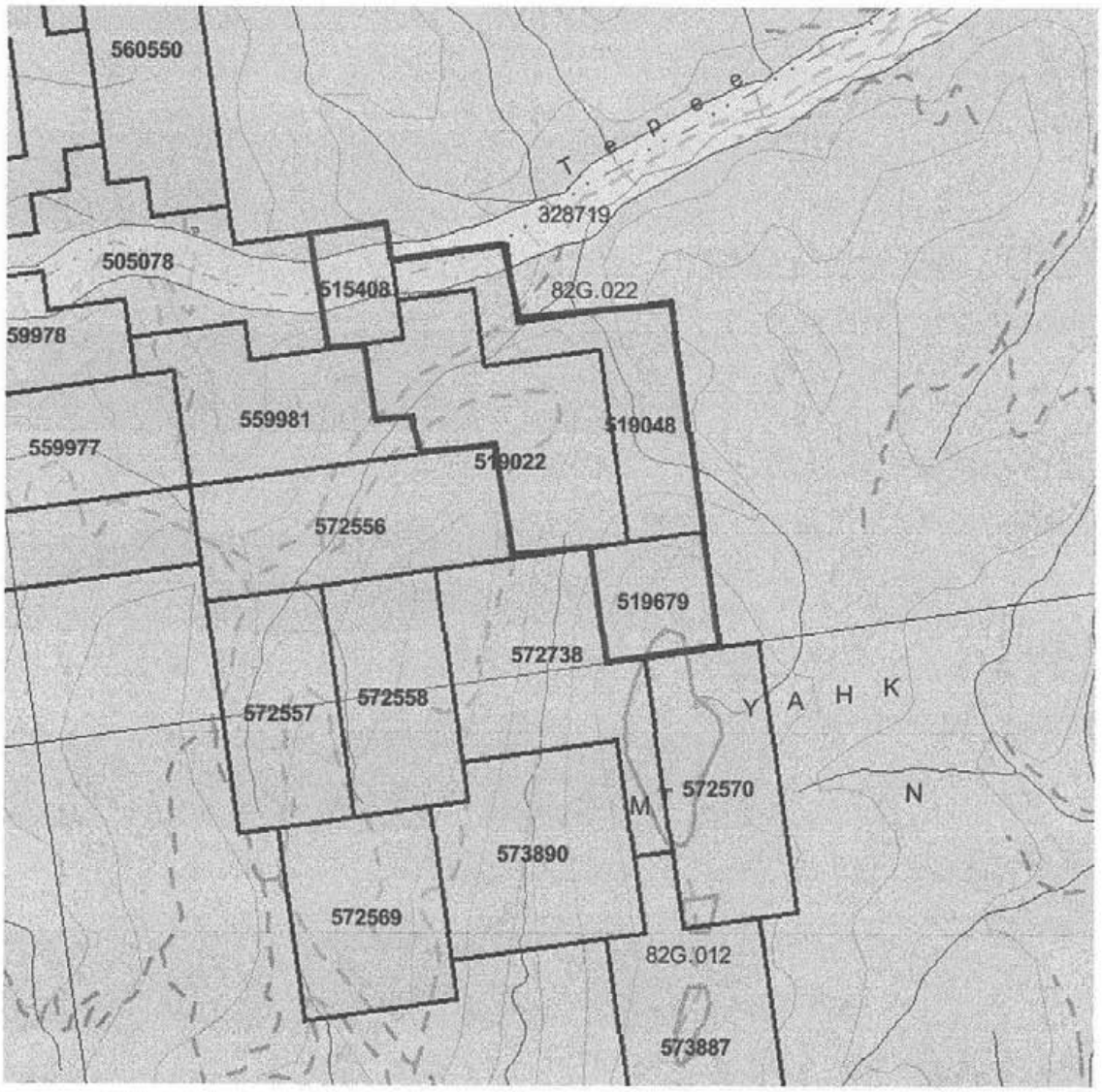


Figure 2: Claim Location Map

Maps # 082G022

Scale **1:100,000**



Tenure numbers: 519022 - 519048 – 519679 - 515408

2.00 ECONOMIC GEOLOGY

The dominant structural feature within the area of the KRL property is the regionally significant Moyie anticline. *"The Moyie anticline is a northeast plunging, upright anticlinal fold."*[1] Of economic interest is the existence of a persistent north to northwest shear zone referred to as the St. Eugene break. This wide structural zone hosts mafic dikes, sericite, chlorite and quartz vein alteration. This structural feature obliquely cuts across the Moyie anticline, it is the host structure for the KRL and St. Eugene mineralization. *"The St. Eugene mine on the Moyie Lake comprises a northwest trending silver-lead-zinc vein structure that cuts across middle aldridge, upper aldridge and Creston stratigraphy. Total production until its closure in 1929 amounted to 1.46 million tonnes containing approximately 8 percent lead, 1 percent zinc, 125 grams silver per tonne, and 0.5 grams gold per tonne."*[1]

Prospectors and Geologists who work the Belt Purcell rocks have long recognized the importance of both north-northeast and north-northwest structure. These orientations commonly host Purcell age gabbro-diorite dikes. The dikes are interpreted to occupy structural zones that were active during the deposition of the belt rocks. The majority of structure mapped in the Moyie block has a prominent association (sympathetic or other) with the hinge zone of the northerly plunging Moyie anticline. Regionally, south of the Moyie fault (a northeast trending Aldridge growth fault) two major zones of north-northwest structure have been recognized,the St. Eugene break and the Hawkins Creek break. Both of these zones have associated base metal occurrences along with deposition and alteration characteristics common to The Sullivan indicator assemblage.

The KRL Property is hosted predominantly by Middle Creston rocks. *"In summary, Creston rocks record progradation of mudflats and alluvial fans across the Purcell Basin."*[2] The

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[1] T. Hoy & L. Diakow, Geology of the Moyie Lake Area, Purcell Mountains South Eastern British Columbia

[2] T. Hoy, Geology of the Purcell Supergroup in the Fernie west-half map area, SE BC

Middle Creston host for the KRL Property has sequences of siltstone quartzite, and mudchip breccia in excess of 100 meters thickness. This stratigraphy is interpreted to be the northern extension of the Revett Formation. The Revett Formation hosts the world class sedimentary Cu, Ag deposits within the Montana Copper Belt, along with a majority of the Ag, Pb, Zn veins in the Coeur d' Alene camp. *"Similar coarsening – upward cycles occur in the quartzite units at Moyie Lake (unit 47, section 10) and in siltstone –arenite units immediately below. Smaller fining upward sequences are also common in the middle quartzite interval and overlying siltstone units. Based on lithologic similarity and stratigraphic position, this prominent massive quartzite may be the northern extension of the Revett Formation."*[2]

3.00 STRUCTURE

As stated above, two major structural patterns are recognized within the Belt Purcell. These zones are companioned by Proterozoic aged Moyie intrusions, dikes either exist within or along structures. Both northeast and northwest systems create proximanal tight folding along their trace. "Sullivan" alteration styles favour these two structural orientations.

4.00 LITHOLOGY

The Middle Creston Formation is the host for the KRL property. This stratigraphy: siltstone, mudchip breccias, quartzite, and argillite are interpreted to be the northern extension of the Revett Formation. In general, bedding is relatively flat with eastern dips and a northwest strike. Future mapping should determine the existence of internal syn- or anti-forms; these would be important conduits for mineral migration.

[2] T. Hoy, Geology of the Purcell Supergroup in the Fernie west-half map area, SE BC

5.00 ALTERATION

The alteration forms and patterns on the KRL property are unique within the Creston Formation. Manganese, limonite, magnetite, hematite, and chlorite are pervasive along the trace of the northwest structural zone (St. Eugene Shear). The major control to alteration on the property is the structural intersection of a northeast trending, intrusive hosting structure (Yahk Valley intrusive zone), with the northwest St. Eugene Shear. Belt explorationists recognize massive felted green chlorite as a strong indicator of base metal potential. Chlorite is usually found occupying fractures and with quartz veins favouring northeast to east-west orientations.

The prevalent alteration associated with the St. Eugene structure on the KRL property is an argillic soft bed alteration. Different formations show different degrees of clay alteration. This alteration is found with the trace of the St. Eugene structure south to the USA border. Also of interest is the alteration associated with quartzites distal of the main KRL showing. These quartzites show a distinctive spotting, usually exhibiting a yellow to brown colour. This spotting can be pervasive over the outcrops. Some weathered outcrops show no coloration; these outcrops look very similar to vuggy silica blankets. The majority of alteration occurs close to the mineralization and at the flex created by the intersection of the St. Eugene structure and the Yahk Valley intrusive zone.

6.00 MINERALIZATION

The KRL zone has alteration similar to a high elevation structural system, mineralization (assay sheets and sample descriptions in Appendix) associated with intense sericite and argillic alteration is high in intrusive related elements. (Hg, Sb, Ag, Au, Mo, U, As) Lead and zinc are anomalous within the core mineralized zone. Lead mineralization is predominantly in the form of lead phosphate (see analysis) or lead carbonate.

7.00 CONCLUSION

The KRL Property straddles a major flex in the northwest striking St. Eugene break. This flex occurs at the intersection of a northeast orientated structural zone that hosts magnetic mafic dikes along the St. Eugene break.

Alteration and mineralization hosted within the flex zone indicates a high elevation hydrothermal system. Alteration style and extent are positive features for such a large system.

The St. Eugene break hosts the St. Eugene mine at Moyie BC. The upper workings at Moyie are hosted by the Creston Formation, the host stratigraphy of the KRL Property.

Regional geological reconnaissance work has indicated the St. Eugene break can be traced as far south as the USA border. The St. Eugene break seems to cut across the north-south stratigraphy and structure with little, if any, offset.

Exploration on the KRL Property should entail a very detailed, geological approach of mapping both stratigraphy and structure. A detailed, closely spaced geophysical survey would also benefit in defining structural controls.

8.00 STATEMENT OF EXPENDITURES

9.00 STATEMENT OF QUALIFICATIONS

As the author of this report I, Craig Kennedy, certify that:

1. I am an independent prospector residing at 2290 Dewolfe Avenue, Kimberley BC.

2. I have been actively prospecting in the East and West Kootenays district of BC for the past 27 years and have made my living prospecting for the past 19 years.

3. I have been employed as a professional prospector by major and junior mineral exploration companies.

4. I own and maintain mineral claims in BC and have optioned numerous claims to various exploration companies.

Craig Kennedy

Craig Kennedy
Prospector

Jim McDonald
P. Geo.

Geology Program
KRL Property

Work performed: Fall 2006 - Summer 2007

PROSPECTING CONTRACTORS:

Craig Kennedy, Kimberley BC 5 days @ $450/day (includes 4X4 vehicle)	$2550.00
Sara Kennedy, Kimberley BC 1day @ $300/day (includes 4X4 vehicle)	300.00
Sean Kennedy, Kimberley BC 2 days @ $450/day (includes 4X4 vehicle)	900.00
Jared Johnston, Fort Steele BC 4 days @ $150/day	600.00
Mike Kennedy, Cranbrook BC 2 days @ $300/day	600.00
Craig Kennedy - report preparation and writing 2 day @ $350.00/day (includes typing, drafting & supplies)	700.00
24 Rock Samples @ $22.00 ea.	528.00
Total:	$6178.00

Craig Kennedy

Craig Kennedy
Prospector

Appendix #1-Rock Sample Description

KRL Sample Locations and Descriptions			
Sample #	**UTM E**	**UTM N**	**Description**
TP-1	591673	5452451	292 deg, vertical dip fractures and qtz veins in tan coloured creston, chlorite, lim, hematite, some carb alt
TP-2	591693	5452508	Strike 256, dip 46 NW, narrow qtz vein Mn, Fe-stain, yellow oxide, carb alt, lim
TP-3	591693	5452508	strike 120, dip 80 SW, Mn, carb alt, Fe-stain qtz veins
TP-4	591926	5452734	Strike 106, dip vert, qtz veins with lim/carb alt, vuggy, Mn, chlorite
TP-5	592000	5452791	Qtz float, Mn, lim, vuggy, carb alt, apple green clay in vugs
TP-6	592081	5452845	15 cm wide qtz vein, chlorite, lim, carb alt, strike 300, dip 60 SW
TP-7			Mn veining and alteration in hematitic qtzite
TP-8	594000	5453370	Qtz veins with lim, Mn, carbonate, strike 264, dip 74 SE
TP-9	593971	5453342	Qtz with pyromorphite and serucite, fairly massive, Mn, carb alt, lim/hem wad
TP-10	594178	5452905	Sup crop of qtz vein material, lim (boxwork), massive chlorite, ribboned, vugyy
TP-11	594178	5452905	Sup crop of qtz vein material, lim (boxwork), massive chlorite, ribboned, vugyy
TP-12	594191	5452935	Hematite wad with qtz
TP-13	594185	5452930	Hematite wad with qtz
TP-14	594185	5452930	Qtz with lim/hem wad, Mn
TP-15, 16,17	594213	5452942	Vein/breccia zone, 1.5 meter wide exposure, strike 340, dip 20 NE, serucite
TP-18			pyromorphite, massive chlorite clots, lim/hem wad, vuggy, Mn, carb alt, cutting
TP-19	594213	5452942	Narrow lim/hem/qtz fractures, carb and Mn, low fracture density, strike 320 dip
TP-20	594213	5452942	Same as 19, more selective grap of lead bearing material
TP-21, 22	594229	5452922	Float train on strike from last, same type of material
TP-23	594030	5453323	Qtz veins with lim, Mn, carbonate, strike 264, dip 74 SE
TP-24	593971	5453342	Qtz with pyromorphite and serucite, fairly massive, Mn, carb alt, lim/hem wad massive chlorite
TP-25	593971	5453342	Massive lim/hem wad, minor qtz
TP-26	593845	5453338	Same as 25, Mn, rubble in skid trail (subcrop?)
TP-27	593785	5453335	Qtz with hem/lim alt, magnetite, massive chlorite, vuggy, carb alt, Mn, Fe wad
TP-28	593772	5453336	Subcrop, carb alt brecciated qtzites, vuggy, lim, hem stain, Mn, chlorite
TP-29	594039	5453370	Same as last, pyromorphite
TP-30	594039	5453370	Carb alt qtz veins, part of EW fracture set, steep dip S, lim/hem wad, Mn, vuggy
TP-31	594048	5453392	Qtz vein, carb alt, massive pyromorphite, lim/hem, Mn, lots of float
TP-32	594048	5453392	Same as last, no lead, from exposed zone strike 90, dip 62 S, 15 cm wide
TP-33, 34	594048	5453392	EW trending qtz vein, carb alt, massive lim/hem, some clay gouge
TP-35	594048	5453400	Bedding, strike 340, dip 25 NE, Mn rich fractures strike 310, dip 62 SW, Mn spreading along mudchip breccia beds
TP-36	594048	5453400	256 trending narrow qtz vein, carb alt, Mn

Sample #	UTM E	UTM N	Description
TP-38, 39	594098	5453274	Lots of large angular pieces of breccia float, Mn/carb/lim/hem/chlorite alt, qtz veinlets with Fe wad
TP-40	594110	5453279	Big chunk of strongly brecciated float, serucite, qtz, Fe wad, carb/Mn/chlorite
TP-41	594110	5453279	Massive pyromorphite, breccia is being dug out in skid trail
TP-42	594069	5453324	Granodiorite exposed in trenches, recessive weathering, Mn/carb alt, biotite rich, hefty, epidote
TP-43	594069	5453324	Same as last, no epidote
TP-44	594263	5453362	Gabbro subcrop with epidote veins
TP-45	594201	5453103	Galena rich float, 20 cm square, CuPy, ZnS?
TP-46	594201	5453103	Qtz subcrop?, serucite, Mn/carb alt

Appendix #2 – Acme Analysis

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT

To Kootenay Gold Corp.

Acme file # A605580 Page 1 Received: AUG 28 2006 * 40 samples in this disk file.

Analysis: GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.

AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
G-1	<1	<1	10	48	0.5	5	4	588	2.04	<2	<8	<2	4	90	<.5
TP-1	<1	3	24	4	<.3	3	1	696	0.5	<2	<8	<2	<2	6	<.5
TP-2	<1	12	30	10	<.3	6	4	678	0.76	<2	<8	<2	2	14	0.5
TP-3	<1	4	11	8	<.3	4	1	1298	0.69	<2	<8	<2	<2	3	<.5
TP-4	<1	57	10	30	<.3	7	6	773	1.11	<2	<8	<2	3	12	<.5
TP-5	<1	5	37	31	<.3	6	4	584	1.11	<2	<8	<2	4	14	0.5
TP-6	<1	42	34	227	0.8	26	31	736	4.05	3	<8	<2	<2	4	<.5
TP-7	<1	32	2152	21	8.1	7	8	12441	1.71	<2	<8	<2	3	12	0.7
TP-8	<1	3	40	14	0.7	3	3	887	1.24	2	<8	<2	<2	1	<.5
TP-9	3	150	>10000	324	44	3	10	6376	3.55	904	21	<2	<2	3	7.1
TP-10	31	248	3549	1229	13.1	6	4	341	21.77	60	19	<2	<2	1	2.2
TP-11	5	138	>10000	1120	3.6	11	9	3615	14.21	56	13	<2	3	9	6
TP-12	2	77	3251	214	<.3	4	<1	716	31.82	<2	<8	<2	2	6	<.5
RE TP-12	2	79	3247	218	<.3	4	<1	719	32.2	<2	<8	<2	2	6	<.5
TP-13	17	187	1912	2085	<.3	5	3	4148	31.38	37	10	<2	<2	3	4.2
TP-14	14	434	6714	4903	10	5	6	17417	19.05	17	24	<2	<2	11	38.7
TP-15	11	308	>10000	2119	24.9	4	1	751	21.46	102	26	<2	<2	2	3.4
TP-16	4	186	>10000	694	5.6	3	<1	552	21.37	66	23	<2	<2	1	1.6
TP-17	16	286	8868	2556	2.3	7	6	4772	21.31	66	46	<2	2	4	3.8
TP-18	11	264	>10000	1491	2	3	<1	1912	24.17	66	26	<2	<2	1	2.1
TP-19	2	129	1587	935	2.3	6	7	1660	3.61	34	<8	<2	7	12	2.1
TP-20	20	350	>10000	1137	4.4	4	2	4283	23.42	32	30	<2	<2	7	2.3
TP-21	4	287	>10000	577	>100	5	4	463	3.34	10	<8	<2	<2	1	1.2

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
TP-22	1	168	>10000	47	>100	<1	<1	110	0.84	<2	<8	<2	<2	<1	3.9
TP-23	<1	7	3026	24	3.9	5	5	764	1.51	<2	<8	<2	2	4	0.5
TP-24	6	261	>10000	1598	37.2	6	13	14833	26.89	666	32	<2	<2	1	1.8
TP-25	3	240	3186	996	4.3	4	5	7559	28.72	16	<8	<2	<2	17	18.9
TP-26	15	230	1968	407	20.9	13	25	31783	26.93	82	13	<2	3	154	6.6
TP-27	11	304	1459	132	8.2	7	6	4913	19.24	21	15	<2	4	4	1
TP-28	3	839	1190	111	11.9	10	7	5070	16.96	8	13	<2	5	9	1.3
TP-29	175	95	>10000	40	>100	<1	1	143	1.12	40	65	4	<2	2	5.9
TP-30	4	66	2074	51	6.7	7	7	1144	13.09	11	10	<2	3	5	1.4
TP-31	26	442	>10000	2439	34.7	2	3	1525	23.22	173	134	<2	<2	6	0.9
TP-32	9	48	2553	75	9.1	9	11	14063	22.98	<2	8	<2	2	28	<.5
TP-33	10	128	4532	72	29.1	12	28	26388	19.43	49	17	<2	3	176	1.6
STANDARD DS7/AU-R	20	100	71	390	1.9	55	9	637	2.39	52	<8	<2	4	72	6
G-1	<1	1	11	38	0.4	4	3	572	1.96	<2	<8	<2	4	89	<.5
TP-34	14	281	>10000	109	6.8	20	36	19653	16.56	141	11	<2	5	73	1.2
TP-35	1	11	426	54	3.5	14	24	27296	2.1	<2	<8	<2	5	11	1
TP-36	<1	17	1065	10	1.4	3	4	2035	2.7	<2	<8	<2	3	11	0.7
STANDARD DS7/AU-R	22	100	78	387	1.1	54	9	640	2.42	45	8	<2	3	73	6
TP-37	1	18	15	97	0.4	20	22	5267	8.68	6	<8	<2	6	32	<.5
TP-38	7	119	8100	531	4.6	16	13	4366	20.21	11	8	<2	4	9	1.9
TP-39	2	390	>10000	1943	3.5	13	8	1668	11.79	24	<8	<2	7	5	1.9
TP-40	1	418	>10000	272	>100	1	<1	159	3.01	7	<8	<2	2	13	<.5
TP-41	1	144	>10000	101	>100	1	3	237	1.2	76	12	<2	3	21	1.3
TP-42	<1	8	3757	98	7.2	1	12	692	5.18	<2	8	<2	4	303	0.9
TP-43	<1	11	>10000	62	5.3	<1	9	949	3.68	<2	10	<2	3	515	1
TP-44	<1	37	220	49	0.8	39	22	674	3.54	<2	<8	<2	<2	134	0.7
TP-45	4	3323	>10000	576	>100	1	<1	56	0.25	<2	<8	<2	<2	11	22.5
TP-46	<1	149	>10000	<1	>100	1	<1	105	0.33	10	<8	<2	<2	3	2.7
STANDARD DS7/AU-R	20	101	70	395	0.9	52	8	649	2.41	48	<8	<2	4	71	6

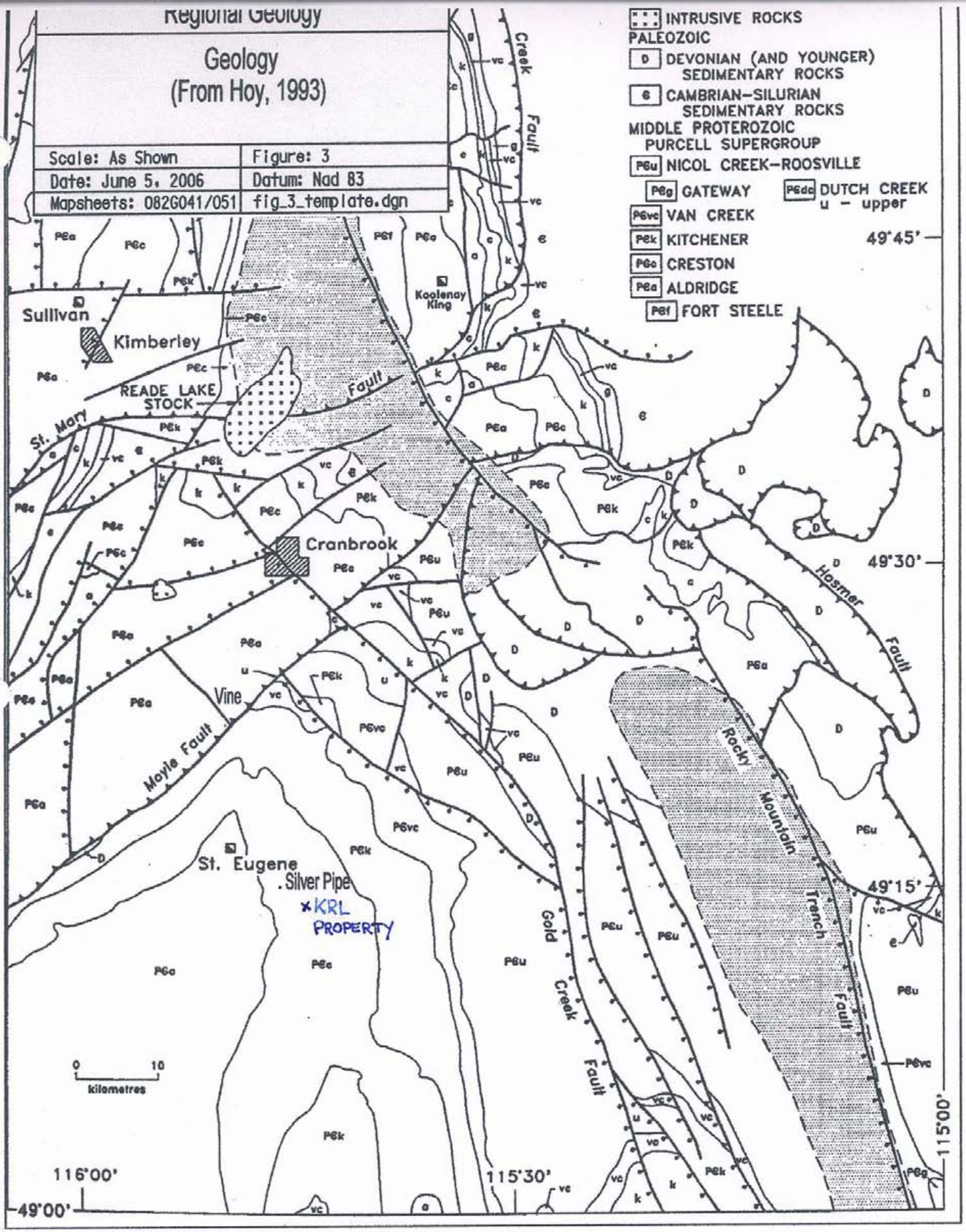
ELEMENT	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLES	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
G-1	<3	<3	41	0.66	0.074	7	14	0.61	243	0.15	8	1.21	0.14	0.6	<2	1.1
TP-1	<3	<3	1	0.03	0.008	5	14	0.03	26	0.01	<3	0.2	0.01	0.05	<2	<.5
TP-2	<3	<3	3	0.03	0.021	166	12	0.06	67	0.02	<3	0.47	0.05	0.16	<2	<.5
TP-3	<3	<3	2	0.01	0.007	30	13	0.04	22	0.01	<3	0.2	<.01	0.04	<2	<.5
TP-4	<3	<3	6	0.04	0.011	29	12	0.18	66	0.02	3	0.61	0.05	0.24	<2	14.8
TP-5	<3	<3	5	0.05	0.006	22	12	0.16	128	0.03	<3	0.68	0.04	0.2	<2	1.1
TP-6	<3	3	13	0.02	0.005	6	14	1.75	15	0.01	11	2	0.01	0.03	<2	0.5
TP-7	<3	<3	6	<.01	0.018	9	12	0.02	44	0.01	5	0.5	0.01	0.23	<2	<.5
TP-8	<3	<3	1	<.01	0.007	<1	17	0.04	9	<.01	5	0.16	<.01	0.01	<2	2
TP-9	271	<3	67	0.1	4.403	33	23	0.01	8	<.01	9	0.92	<.01	0.02	<2	337.1
TP-10	11	7	4	<.01	0.085	4	21	0.02	12	<.01	8	0.2	<.01	0.01	<2	53.8
TP-11	6	<3	14	0.02	0.184	8	16	0.17	47	0.01	12	1.66	<.01	0.03	<2	9.5
TP-12	<3	4	10	0.05	0.025	<1	7	0.03	51	<.01	7	0.41	<.01	0.05	<2	2.7
RE TP-12	<3	9	10	0.05	0.025	<1	6	0.03	52	<.01	4	0.44	<.01	0.05	<2	2.9
TP-13	53	7	4	0.01	0.074	4	2	0.01	30	<.01	3	0.15	<.01	0.01	<2	1.7
TP-14	46	3	17	0.01	0.092	2	16	0.04	19	<.01	6	0.49	<.01	0.01	<2	8.4
TP-15	161	<3	3	0.01	0.287	2	6	0.02	9	<.01	8	' 0.2	0.01	0.02	<2	161.4
TP-16	68	5	11	0.01	0.129	2	5	0.01	6	<.01	7	0.12	<.01	0.02	<2	80
TP-17	87	<3	34	<.01	0.099	3	13	0.06	15	<.01	8	0.5	<.01	0.01	<2	12
TP-18	76	<3	20	<.01	0.096	<1	5	0.02	3	<.01	8	0.04	<.01	0.01	<2	14.9
TP-19	51	<3	4	<.01	0.033	25	6	0.04	43	0.01	11	0.79	0.01	0.38	<2	18.8
TP-20	91	<3	32	0.01	0.22	2	6	0.02	18	<.01	7	0.24	<.01	0.02	<2	49.5
TP-21	906	<3	5	<.01	0.01	4	5	0.05	14	0.02	9	0.88	<.01	0.07	<2	271.6
TP-22	>2000	<3	1	<.01	0.007	2	2	<.01	6	<.01	4	0.06	<.01	<.01	<2	527.9
TP-23	17	<3	5	<.01	0.022	22	11	0.02	82	0.01	3	0.36	<.01	0.19	<2	3.2
TP-24	872	14	38	0.03	0.855	5	29	0.01	17	<.01	<3	0.37	<.01	0.07	<2	172.5
TP-25	67	8	5	<.01	0.052	1	3	0.01	35	<.01	7	0.09	<.01	0.04	<2	14.9

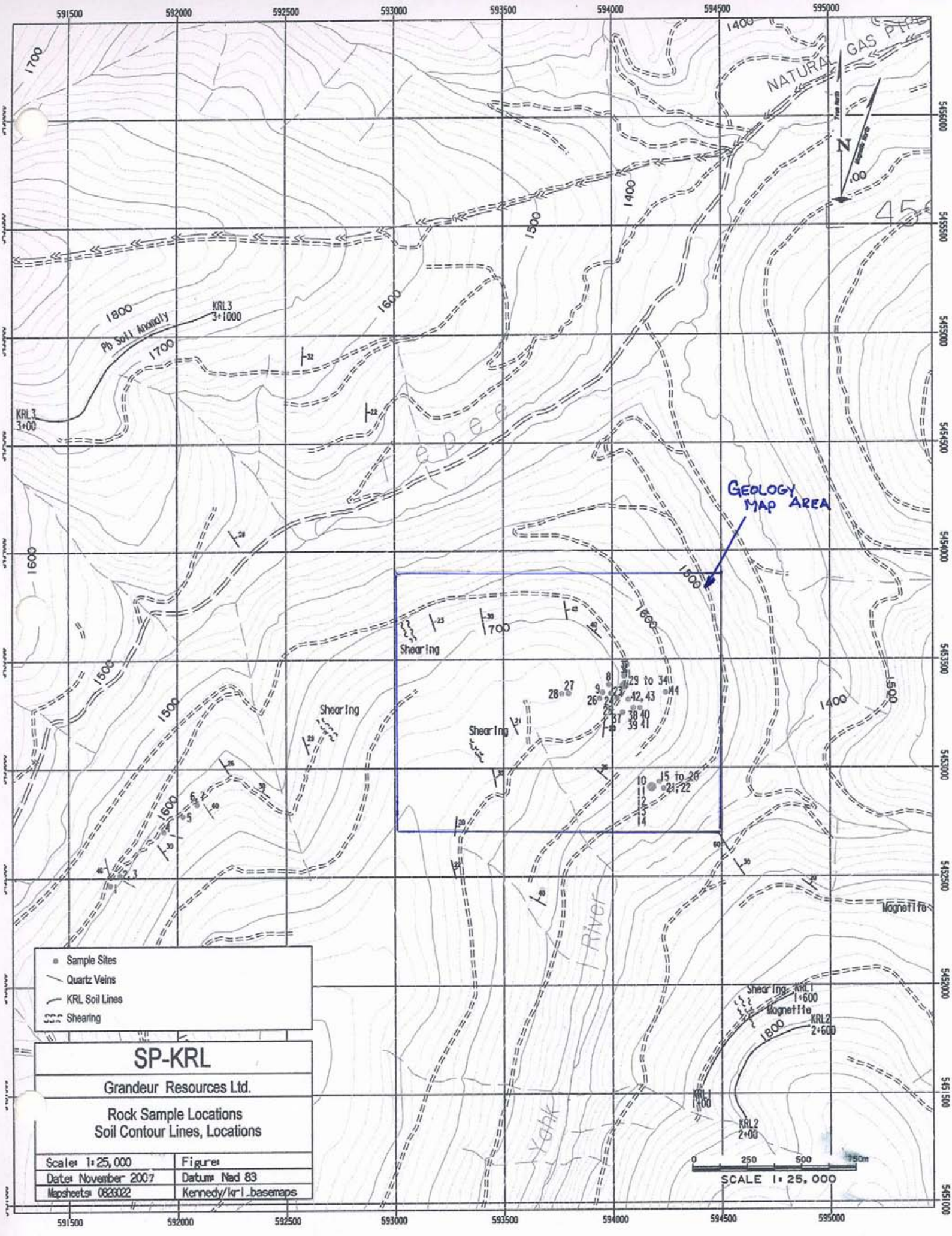
TP-26	30	5	10	0.02	0.069	14	13	0.05	307	0.01	<3	0.64	0.01	0.22	<2	5.6
TP-27	<3	6	6	<.01	0.059	4	11	0.03	64	0.01	12	0.69	<.01	0.14	<2	19.7
	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
TP-28	<3	4	12	0.01	0.035	10	16	0.24	47	0.02	12	1.75	0.01	0.12	<2	2.9
TP-29	>2000	17	108	0.07	1.563	3	15	<.01	9	<.01	8	0.29	<.01	0.03	<2	4226.2
	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
TP-30	57	<3	11	0.01	0.075	14	17	0.03	26	0.01	19	0.5	<.01	0.12	<2	21.5
TP-31	>2000	18	140	0.12	2.398	10	20	0.01	15	<.01	7	0.37	<.01	0.03	<2	725.8
TP-32	32	<3	10	0.01	0.058	4	9	0.01	37	<.01	12	0.19	0.01	0.06	<2	6.3
TP-33	64	5	13	0.02	0.056	7	11	0.04	265	0.01	5	0.44	<.01	0.17	<2	13.1
STANDARD DS7/AU-R	6	5	89	0.98	0.078	7	189	1.06	389	0.12	38	1.06	0.09	0.46	3	461.1
G-1	<3	<3	38	0.63	0.071	6	12	0.58	236	0.14	8	1.24	0.16	0.6	<2	<.5
TP-34	71	<3	29	0.04	0.214	25	21	0.1	336	0.03	6	1.26	0.01	0.25	<2	9.1
TP-35	8	<3	1	0.01	0.006	5	7	0.01	346	0.01	10	0.44	0.01	0.36	<2	1.9
TP-36	<3	<3	6	<.01	0.03	9	15	0.02	42	0.01	8	0.35	<.01	0.15	<2	1
STANDARD DS7/AU-R	6	5	84	0.92	0.076	6	183	1.04	386	0.12	38	0.98	0.08	0.45	3	459.7
TP-37	6	<3	19	0.03	0.023	19	10	0.27	219	0.04	<3	1.73	<.01	0.25	<2	2.3
TP-38	21	<3	40	0.02	0.219	16	11	0.15	54	0.02	3	1.78	<.01	0.09	<2	27.3
TP-39	214	<3	34	0.03	0.169	12	14	0.15	86	0.04	<3	1.67	<.01	0.29	<2	32.6
TP-40	213	<3	8	0.01	0.016	13	6	0.02	15	0.02	<3	0.58	<.01	0.06	<2	149.3
TP-41	437	8	49	0.1	4.056	76	12	0.01	16	0.02	<3	0.46	<.01	0.03	2	236.2
TP-42	6	<3	72	1.71	0.445	62	1	1.48	803	0.12	4	2.22	0.04	0.39	<2	1.6
TP-43	25	<3	40	1.97	0.683	49	2	0.98	242	0.08	5	1.78	0.01	0.14	2	10.4
TP-44	5	<3	54	1.52	0.265	15	15	1.52	26	0.19	3	1.95	0.03	0.02	<2	<.5
TP-45	1200	41	2	0.04	0.032	1	1	0.02	6	0.01	<3	0.04	<.01	0.01	4	248.7
TP-46	429	20	2	0.01	0.008	1	2	0.01	92	0.01	<3	0.06	<.01	<.01	<2	693.1
STANDARD DS7/AU-R	6	6	85	0.95	0.076	12	183	1.04	392	0.12	40	1.03	0.08	0.46	4	404.4

Regional Geology

Geology
(From Hoy, 1993)

Scale: As Shown	Figure: 3
Date: June 5, 2006	Datum: Nad 83
Mapsheets: 082G041/051	fig_3_template.dgn

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593000
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594500
595000
5456000
5455500
5455000
5454500
5454000
5453500
5453000
5452500
5452000
5451500
5451000
NATURAL GAS PIPE
N
KRL3
3+1000
Pb Soil Anomaly
KRL3
3+00
Teepee
GEOLOGY
MAP AREA
Shearing
Shearing
Shearing
29 to 34
42, 43
38 40
39 41
15 to 20
21, 22
Magnetite
Yank River
Shearing
KRL1
1+600
Magnetite
KRL2
2+600
KRL1
1+00
KRL2
2+00
Sample Sites
Quartz Veins
KRL Soil Lines
Shearing
SP-KRL
Grandeur Resources Ltd.
Rock Sample Locations
Soil Contour Lines, Locations
Scale: 1:25,000
Figure:
Date: November 2007
Datum: Nad 83
Mapsheets: 083022
Kennedy/krl_basemaps
0
250
500
750m
SCALE 1:25,000

592500

593500

594500

595500

5454000

Slightly Altered yellow siltstone - Mudchip breccia, Grey Quartzite

Sericite - beds with tourmaline needles
Middle Creston (Revett)

Weak limonite, chlorite and Mn

Green Siltstone
grey Quartzite
Middle Creston (Revett)

Clay Altered Weakly Magnetic Gabbro - diorite - Mn, minor epidote - chlorite
Limonite shearing along margin

Middle Creston (Revett)

Hematite - Chloride Altered
Grey quartzite - siltstone
Mudchip breccia

Siltstone Quartzite
Middle Creston

Yellow Green Siltstone Argillite Quartzite

Middle Creston (Revett)

Yellow Green Siltstone - Grey Quartzite
Narrow Quartz veins - weak limonite staining - chlorite - sericite
Yellow Green Siltstone
Minor Argillite - grey Quartzite Middle Creston (Revett)

Weak
Sericite, Mn, Chlorite
Alteration

Some Limonite Staining

Green-blue Siltstone
Mudchip breccia - Mn and Chlorite
Alteration
Base of Middle Creston
Narrow limonite stained

Narrow quartz veins
Limonite
Chlorite

Weak Hematite Mn
Grey quartzite, Siltstone

Magnetic Gabbro

5453000

Middle Creston (Revett)

Base of Middle Creston
Green yellow Siltstone

Sericite Alteration

Magnetic Mn altered Gabbro - diorite - Epidote, chlorite, limonite staining
Magnetic
Gabbro
Pbs rich Float

Yellow blue green
Siltstone - Quartzite
Middle Creston (Revett)

Altered Float Hematite, Mn, chlorite and limonite

Narrow Quartz
Veins - Limonite
Mn, Sericite

Magnetic Mn altered gabbro - diorite

Limonite on fractures, rare epidote

Green Yellow Siltstone
Minor Grey Quartzite

Middle Creston
(Revett)

5453000

5452000

Middle Creston (Revett)

Coarse Quartzite Disseminated magnetite - Mn alteration
Siltstone grey quartzite - magnetite - Mn alteration

Green blue Siltstone - Argillite
Minor Grey Quartzite
Middle Creston (Revett)

Green blue Siltstone - Argillite
Minor Grey Quartzite
Middle Creston (Revett)
Narrow Quartz Vein
Felted green Chlorite

LEGEND
KRL GEOLOGY - MIDDLE CRESTON (REVETT)

BEDDING

QUARTZ VEINS

GABBRO - DIORITES

FLOAT - MINERALIZED

N

"ALTERED - MINERALIZED AREA"
KRL SHOWING

SCALE 1:5000

Non Magnetic Green dike

MS Mn Alteration

Base of Middle Creston

Green blue Siltstone - Argillite

592500

593500

595500

5452000