

SP Property

FORT STEELE MINING DIVISION

N.T.S. MAP SHEET 082G022

UTM COORDINATES 5455400N - 591740E

Work Performed Fall 2005

OWNER Sara Kennedy 2290 Dewolfe Ave. SURVEY BRANCH Kimberley BC V1A 1P5 NT REPORT

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

6.8534

STREET,

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SP Property

PROSPECTING ASSESSMENT REPORT

Craig Kennedy

January 2006

1.00 INTRODUCTION

1.10 LOCATION & ACCESS

The SP mineral property is located in the Fort Steele Mining Division of Southeastern British Columbia. (NTS 1:20.000 scale map 082G022) The Yahk River Forest Road and Alberta Natural gas pipeline road provide excellent access. The property is located on thickly forested rolling slopes and is easily accessed by foot.

1.20 HISTORY

The SP claims have seen limited exploration activity and have been held intermittently by individual and junior exploration companies over the past 50 years.

1.30 THE PROPERTY

The SP property is owned by Sara Kennedy of 2290 Dewolfe Ave, Kimberley BC V1A 1P5.



Figure 2: Claim Location Map

Map # 082G022

Scale 1:19,999



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2.00 PROSPECTING REPORT

The SP claims are located over an area of pervasive manganese sericite and chlorite alteration. This alteration is cored by an impressive breccia shear zone that has been exposed in a number of old cat trenches. The braided shear is mineralized with patches and veinlets of massive chlorite, manganese, hematite, magnetite and limonite.

The shear zone seems to occupy a flex within a regionally significant northwest structural feature. The shear, where most intensely mineralized is orientated east-west but is obviously highly influenced by north west fabric.

Preliminary prospecting has established that argillic and manganese alteration trends north west and southeast from the SP claims.

Rock samples were collected from the main shear zone to determine levels of base and precious minerals.

3.00 CONCLUSION

Sample analysis has determined the existence of high levels of base and precious mineral within a major occurrence of east-west shearing. The intense alteration and shearing are associated with a flex hosted by an extensively altered regional northwest structural zone. Quite possibly the historic St. Eugene Mine is located within a similar flex along the same northwest trend. Old trenches should be cleaned out and followed by extensive rock sampling of different alteration assemblages. Regional prospecting is also recommended along the trace of the northwest alteration zone.

4.00 STATEMENT OF EXPENDITURES

Prospecting Program SP Property

Work performed: Fall 2005

PROSPECTING CONTRACTOR:

Craig Kennedy, Kimberley BC	
2 days @ \$425.00/day	\$ 850.00
(includes 4X4 vehicle)	

Craig Kennedy - report preparation and writing	
1 day @ \$250.00/day	250.00
(includes typing, drafting & supplies)	

Rock Samples	12 @ \$18.00/sample	<u>216.00</u>
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Total: <u>\$1316.00</u>

Craig Kennedy Prospector

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5.00 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 15 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 Prospector

Appendix 1. Description of Rock Samples

Sample Num	ber Description
SP-01	Narrow magnetite veins, abundant chlorite and manganese, vuggy patches and narrow veinlets of quartz, limonite staining. Part of braided shear breccia zone.
SP-02	Pinkish coloured chloritically altered wall rock manganese on fractures narrow quartz veining.
SP-03	Quartzite breccia massive zones of limonite and magnetite, vugs manganese and chlorite alteration.
SP-04	Pinkish hematite brecciated quartzite, narrow vuggy quartz veins with limonite and manganese.
SP-05	Altered quartzite with patches of massive felted chlorite, disseminated magnetite crystals with limonite staining.
SP-06	Altered quartzite with massive felted chlorite, magnetite, hematite and limonite wad.
SP-07	Quartzite breccia with narrow quartz veins chlorite, hematite, magnetite throughout, limonite crystals and abundant sericite alteration
SP-08	Massive piece of limonite was.
SP-09	Bleached brecciated siltstone with abundant sericite alteration. Narrow quartz veins vugs and limonite.
SP-10	Altered quartzite chlorite, hematite, manganese and zones of limonite, magnetite
SP-11	Quartzite breccia vuggy abundant limonite hematite and magnetite manganese throughout.
SP-12	Same as SP-11 but with narrow quartz veins

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TT						SF	þ	PRO	PER	τу					Ţ	File ZR 1H	e #	A5 Submi	0333 tted by	8 7: Cra	Pa ig Ke	age	l y							-	ťť
SAMPLE#	Mo mqq	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni PPT	Co ppm	Mn ppm	fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd mqq	Sb ppm	Bi	V mqq	Ca %	P %	La ppm	Cr ppm	Mg %	Ba	ті Х	B	Al %	Na %	K %	W	Au* ppb
SP-01	<1	133	463	296	<.3	14	6	2870	23.02	8	38	<2	10	2	.7	8	<3	35	.01	.020	24	31	.65	30	.03	<3	3.73	.01	.02	<2	6.1
SP-02	17	343	26	189	<.3	66	57:	50000	8.69	89	<8 50	<2	3	189	2.7	23	<3	16	.01	.031	18	19	.21	19 305	.02	<3	1.45	<.01	.05	2	11.7
SP-04 SP-05	5 2	278 115	302 344	103 395	<.3 <.3	8 18	6 14	1084 4838	12.67 30.33	48 <2	10 25	<2 <2	57	1 4	<.5 .7	15 <3	<3 6	18 65	.01 .01	.071	15 4	16 16	.06 2.03	13 22	.01	<3 <3	.84 8.32	.01	.05	2×2	5.4 3.2
SP-06	2	110	237	228	1.0	18	6	4645	29.26	3	16	<2	8	3	.8	8	9	46	.01	.026	3	14	.85	64	.03	3	5.16	<.01	.03	2	9.6
SP-07	1	130	38	119	1.6	11	20	3737	12.99	13	<8	<2	4	5	.6	10	<3	13	<.01	.025	6	5	.20	23	.01	<3	1.37	<.01	.03	<2	1.4
SP-00	31	165	751	151	23.1	16	21	175/	10.99	145	40	<2	2	1/6	2.8	8	<5	10	.03	.030	11	4	.01	398	<.01	<3	.31	.02	.29	Z	11.2
SP-10	3	109	1566	94	2.5	8	5	8446	11.99	21	<8	<2	5	5	.5	12	5	12	.01	.018	12	14	.18	20	.01	<3	1.42	<.01	.07	<2	180.9
SP-11	3	64	34	24	.7	9	13	3643	5.86	17	<8	<2	5	4	<.5	5	<3	9	.01	.015	5	6	.01	54	.01	<3	.42	<.01	.04	<2	5.3
SP-12	2	41	44	55	.3	12	12	2930	6.39	10	<8	<2	8	2	< 5	5	-3	11	01	016	12	11	16	31	02	e7	1 23	- 01	17	2	1 2

Appendix 2 Sample Results

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Figure 3 Prospecting & Sample Location Map 11 Grey blue Interbedded quartziter Sillstone Argillite 2 Green 35 Grey 33 Silfstone 412 Argillic Alteration Grey blue 3 Argillic 25 Alteratio Siltstone Argillite -21 ś -30 Grey blue 27 ŝ Ś Interbedded 1900 quartzite 3 Silfstone Argillite O, Argillic 1800-Alteration ź 5 5 Green Grey Sillistone ś SP PROSPECTING MAP > Cat Trench 18 Jak Argillic Alteration 500 Arospecting Traterse 000 Map Sample site Strategraphy Boundry Scale 1: 10,000 Map: 026022