

**MCINTYRE ASSOCIATES**

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CANADA

**REPORT ON GEOCHEMICAL SAMPLING OF THE  
BELL CLAIM GROUP  
SQUAW CREEK, YUKON**

**SEPTEMBER 17-23, 2001 and JUNE 24-30, 2002**

CLAIMS: BELL 1-9,11,13, 15  
GRANT NUMBERS: YC20876-YC20884, YC20886, YC20888, YC20890

DAWSON MINING DIVISION  
NTS 115 P/14

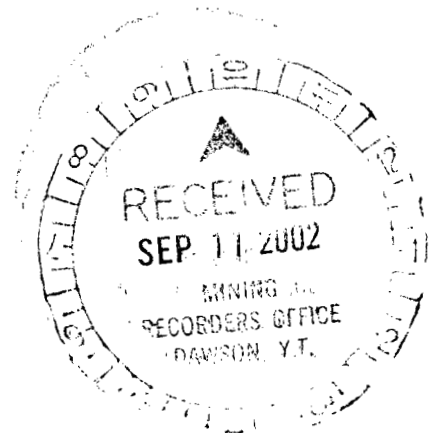
Latitude 63° 50' N      Longitude 137° 25' W

REGISTERED OWNER: Mr. Robert S. Adamson

OPERATOR: Kennex Development Corp.  
135 Rockland Road West, North Vancouver, B.C.

AUTHOR: R. F. MCINTYRE, P. GEO.

August 25, 2002



This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 2400.

*M. B. L.*  
for Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

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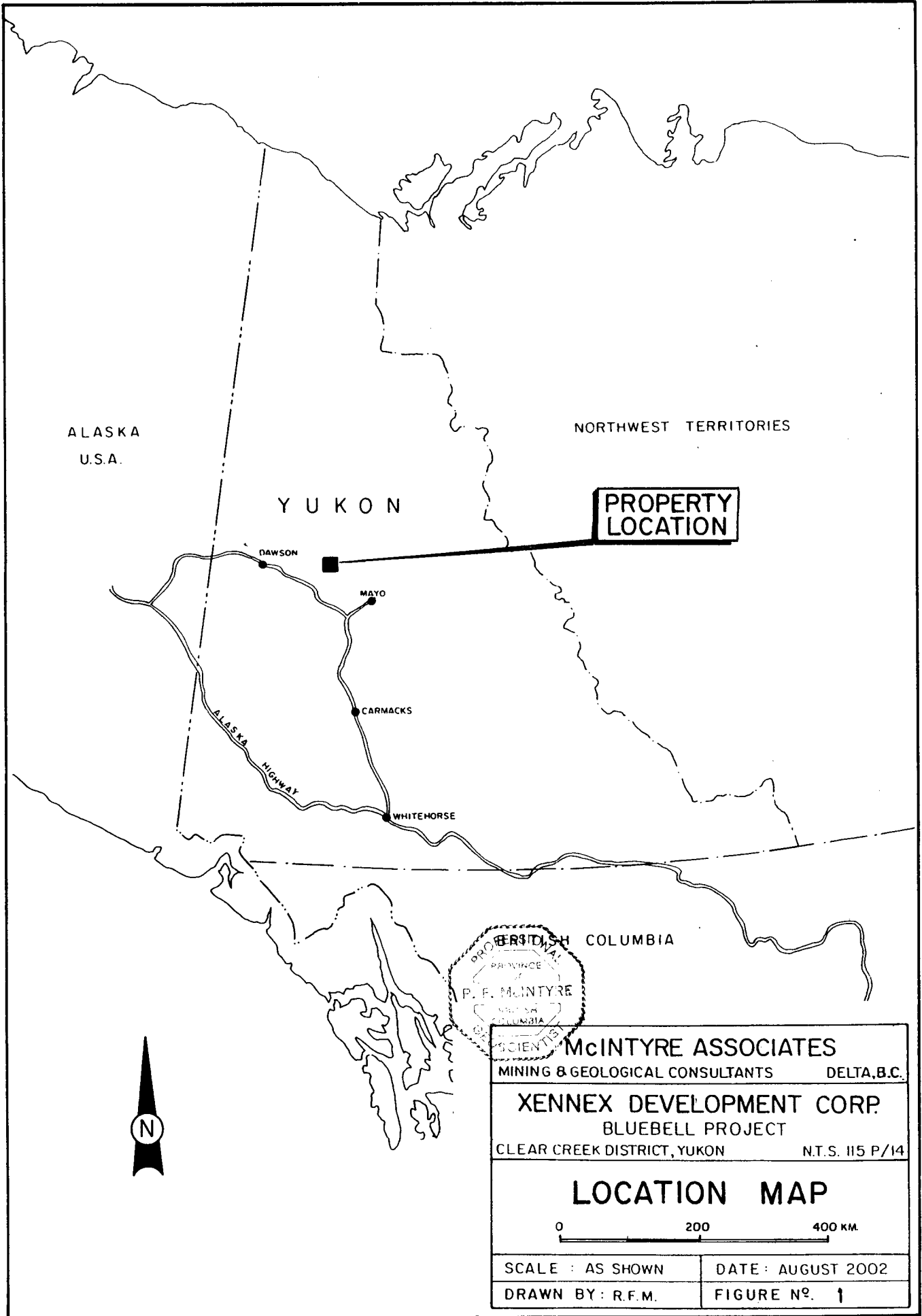
## **APPENDICES**

<b><u>APPENDIX 1:</u></b>	<b>Geochemical Analysis Certificates</b>
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## **1.0 SUMMARY**

The Bell claim group is located on Squaw Creek, a tributary of Clear Creek, in the central Yukon (Figure 1). Placer gold has been mined in the Clear Creek camp for many years, including three drainages that surround the subject property: Squaw Creek, 65 Pup Creek and Bell Creek. This report details geochemical surveying aimed at finding lode gold deposits that might have contributed to these nearby placer deposits.

During September of 2001 a reconnaissance program of stream silt samples and rock samples was conducted on the claims and surrounding areas. Results of this program are detailed herein, in satisfaction of the reporting requirements for representation work filed under Section 54(1) of the Yukon Quartz Mining Act.



## 2.0 INTRODUCTION

### 2.1: GENERAL

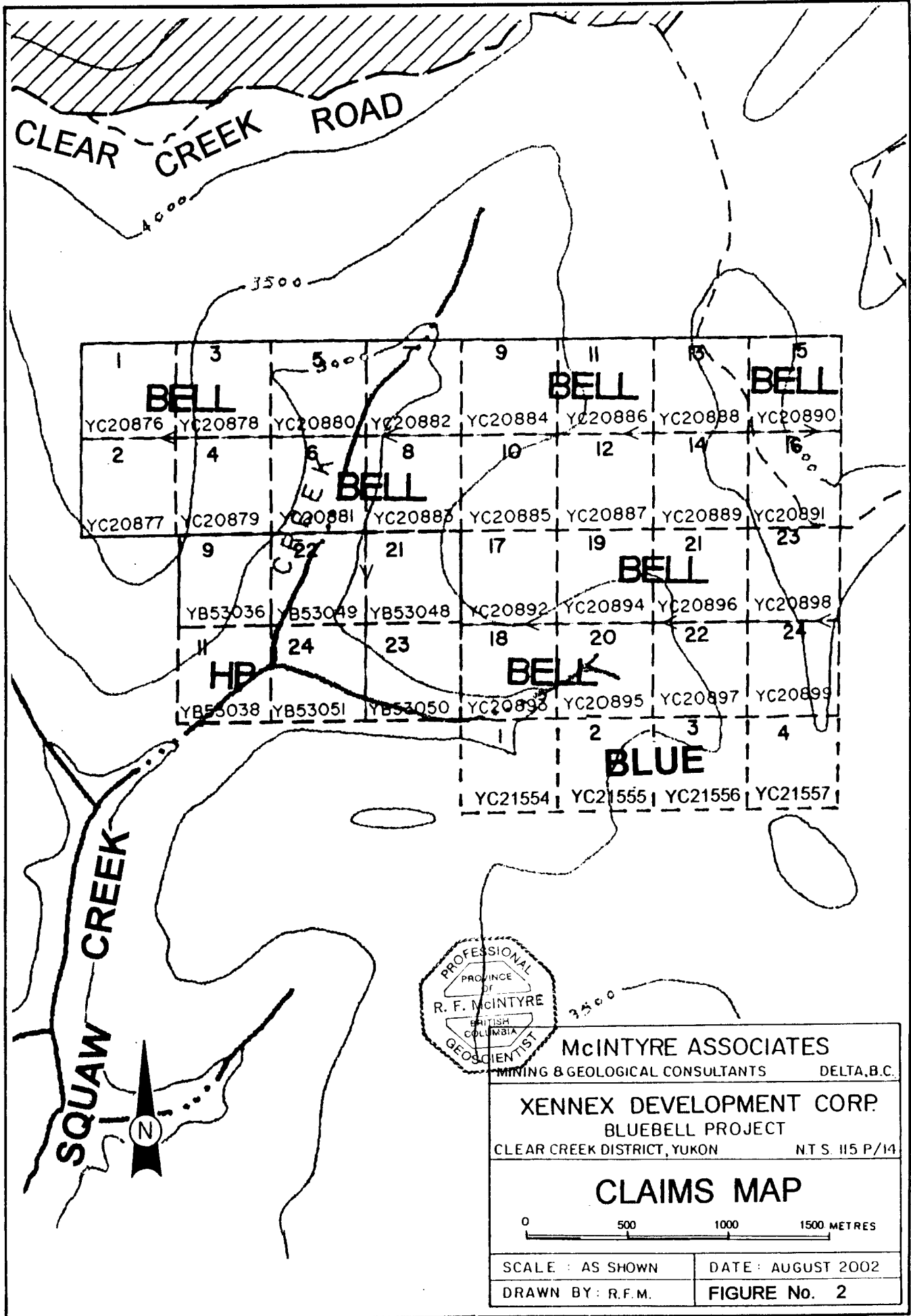
The property is owned by Robert S. Adamson of 135 Rockland Road West, North Vancouver, British Columbia. The operator is Xenex Development Corp. of the same address. No history of prior exploration work on the property has come to light and the author has found no evidence on the property of earlier exploration effort, so the present work is assumed to be the first geochemical survey to be conducted on this property.

### 2.2: CLAIMS

The property herein referred to as the Bell Group consists of twelve quartz claims as tabulated below. The configuration of these claims is shown in Figure 2. These claims are in good standing and the work described in this report will maintain them for an additional two years.

**TABLE 1 – CLAIMS AND GRANT NUMBERS**

<b>Bell 1 #YC20876</b>	<b>Bell 2 #YC20877</b>	<b>Bell 3 #YC20878</b>
<b>Bell 4 #YC20879</b>	<b>Bell 5 #YC20880</b>	<b>Bell 6 #YC20881</b>
<b>Bell 7 #YC20882</b>	<b>Bell 8 #YC20883</b>	<b>Bell 9 #YC20884</b>
<b>Bell 11#YC20886</b>	<b>Bell 13#YC20888</b>	<b>Bell 15 #YC20890</b>



1 BELL YC20876	3 YC20878	5 500 YC20880	9 YC20882	11 BELL YC20884	13 YC20886	15 BELL YC20888	17 YC20890
2 YC20877	4 YC20879	6 BELL YC20881	8 YC20883	10 YC20885	12 YC20887	14 YC20889	16 YC20891
9 YC53036	10 YC53049	21 YC53048	17 YC20892	19 BELL YC20894	21 YC20896	23 YC20898	
11 HP YC53038	24 YC53051	23 YC53050	18 BELL YC20893	20 YC20895	22 YC20897	24 YC20899	
			1 YC21554	2 YC21555	3 YC21556	4 YC21557	



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MINING & GEOLOGICAL CONSULTANTS DELTA, B.C.

**XENNEX DEVELOPMENT CORP.**  
BLUEBELL PROJECT  
CLEAR CREEK DISTRICT, YUKON NT S. 115 P/14

**CLAIMS MAP**

0 500 1000 1500 METRES

SCALE : AS SHOWN	DATE : AUGUST 2002
DRAWN BY : R.F.M.	FIGURE No. 2

### **2.3: LOCATION AND ACCESS**

The property is located in the northern part of the watershed of Squaw Creek, a tributary of Clear Creek. It is situated at Latitude 63° 50' North / Longitude 137° 025' West, roughly 110 kilometers southeast of the town of Dawson and 370 kilometers north-northwest of Whitehorse. The relevant map sheet is NTS 115 P/14. Access to the site is via the Clear Creek Road, a good quality unpaved road that crosses the northeast corner of the property approximately 24 kilometers east of its junction with the Klondike Highway. The nearest community to the site is Dawson.

Several 4X4 trails provide access to Squaw Creek, including an overgrown trail from the Clear Creek road down the west side of the stream and crosses the Bell 5,6 & 7 claims. An active road leaves the Clear Creek road several km to the west, descends to the valley of Clear Creek and joins the Squaw Creek trail, providing access for current placer mining activity on the lower half of Squaw Creek. As well, a usable 4X4 trail follows the height of land down the east site of the Squaw Creek drainage. These are shown on Figure 2.

### **2.4: HISTORY**

There is no evidence at hand to show that exploration work has been done on this property prior to today. However, placer mining has taken place on Clear Creek and some of its tributaries for many decades, and continues at present. Placer tailings are found in the three drainages surrounding the Bell claims: Bell Creek to the north, 65 Pup Creek to the east and Squaw Creek to the south. Active or very recent placer mining is taking place on claims on Squaw Creek and 65 Pup Creek, as well as Clear Creek itself.

## **2.5: SUMMARY OF 2001 WORK**

During the period from September 17-23, 2001 the author and Mr. Shawn Ryan, of Dawson completed a reconnaissance program on and around the Bell claims. This included a variety of familiarization work including geological traverses across the property and surrounding terrain, a literature study of the area, and sampling. Some 32 stream silt samples, 11 rock samples and 6 pan concentrate samples were taken and assayed. Anomalously high values in gold, silver and base metals were found in several silt and rock samples.

### **3.0 GEOLOGY**

#### **3.1: REGIONAL GEOLOGY**

The property lies within the Selwyn Basin, a large region of Late Proterozoic to Mid-Paleozoic continental margin sediments, which is separated from the cordilleran complex of accreted terranes by the northwest trending Tintina Fault system. Superimposed on the Selwyn and other underlying terranes in Alaska and the Yukon is the intrusion-related gold-bearing system known as the Tintina Gold Belt.

The most significant portion of this system in the Yukon lies east of the Tintina Fault and is known as the Tombstone-Tungsten magmatic belt. Within this region many gold discoveries are spatially related to mid-Cretaceous alkalic plutonic intrusions of the Tombstone series. These include the nearby Clear Creek deposit some 17 km to the east and the Brewery Creek deposit some 40 km to the northwest. A wide variety of mineral deposits both within and near these intrusions have been identified, hosting Au, W, Pb, Zn, Cu and Sn, and including disseminated, skarn and vein type deposits. Much current exploration effort in the Yukon is directed at Tombstone Belt deposits.

#### **3.2: PROPERTY GEOLOGY**

The Squaw Creek drainage is largely underlain by Upper Proterozoic to Lower Cambrian metasediments of the Yusezyu Formation of the Hyland Group. Here the extension of the east-west trending Tombstone Thrust take the form of a thick, highly deformed interval called the Tombstone strain zone which crosses the upper part of the Squaw Creek drainage. Most of the subject property lies within the strain zone. Rocks consist of blue-grey phyllites and grey psammities (less micaceous metasediments) that are frequently isoclinally folded and boudinaged in outcrop. Outside of the strain zone the same rock types are seen, foliated but not generally contorted. Other authors have identified several generations of deformation in rocks in the Clear Creek camp on the

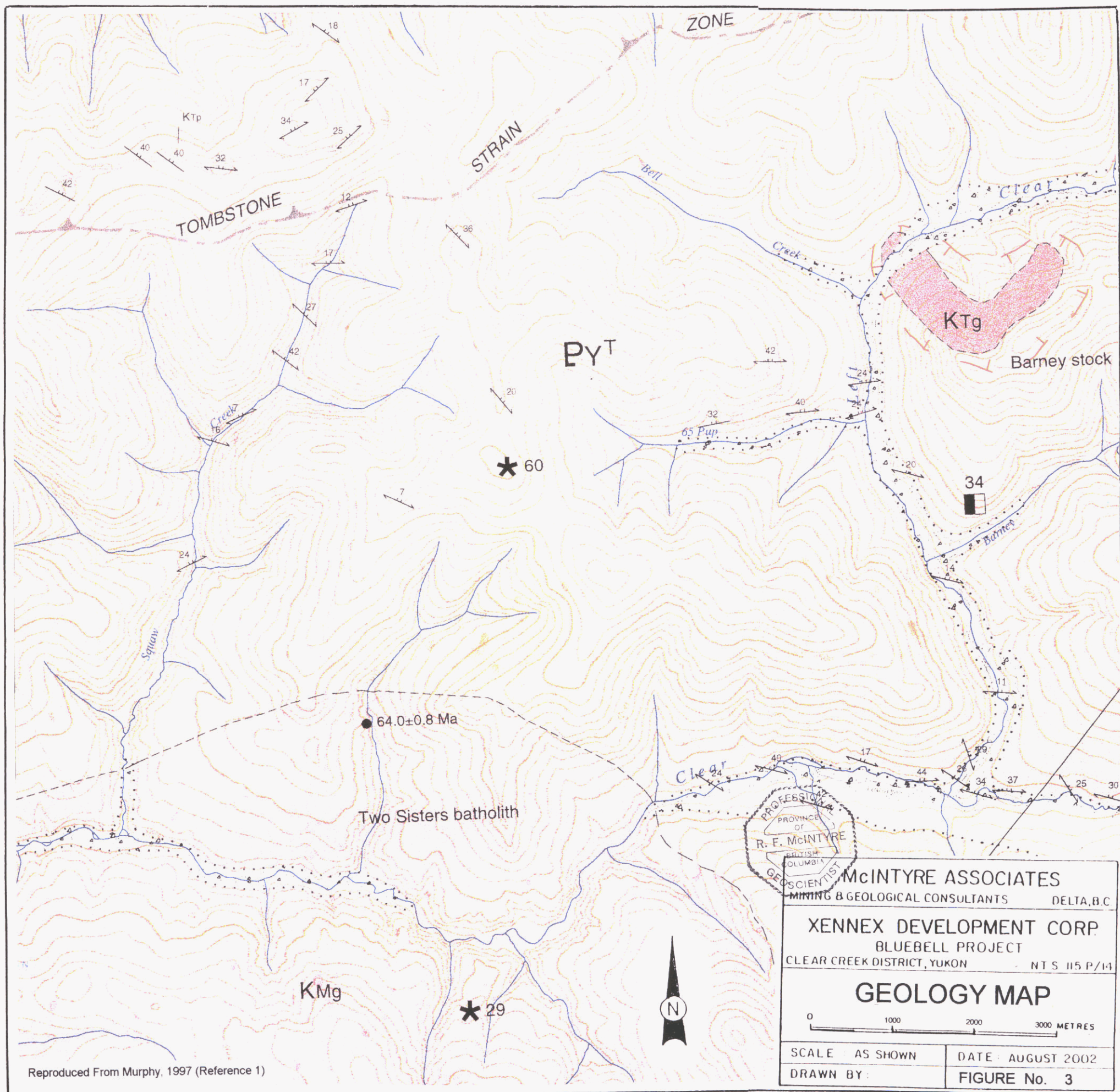
basis of jointing patterns, some of which may be associated with emplacement of intrusions and/or deposition of exhalations. Foliation is prominent and consistent across upper Squaw Creek, trending east to southeast and dipping moderately (10-40°) to the north.

The author identified no mapable subunits within the Hyland Group during his visit to the site. Neither were any dikes or sills encountered. Overall, the area of the property consists of a rather monotonous section of undifferentiated metasediments. Outcrop is common on ridges and along Squaw Creek but infrequent on the rounded slopes that make up much of the property. Due to past forest fires much of the area is open and untreed, and boulder trains of white quartz can be easily traced. Float from several of these occurrences was sampled, along with quartz-rich float found in creek channels. Most of these specimens were unmineralized.

South of the claims the lower reaches of Squaw Creek cross the contact of the Two Sisters batholith, a late Cretaceous granite of the McQuesten Intrusives. When exposed in the road cut the granite is porphyritic, sometimes displaying very large feldspar laths. The McQuesten Intrusives have not been widely associated with ore mineralization and consequently the Two Sisters batholith does not appear to have attracted much attention to date. Nevertheless, the possibility of association with economic mineralization should not be excluded as yet.

Squaw Creek lies just north of the extent of the last glaciation. The upper elevations have a relatively thin overburden cover which can be assumed to be colluvial. At low elevations the stream channel gravels are of Pliocene or later age, similar to those of the Klondike River to the north. Absent the effects of recent glaciation one can assume that soil geochemistry will tend to reflect underlying bedrock mineralization.

Local geology is presented on Figure 3, which is reproduced from Murphy, 1997 (see References, below).



Reproduced From Murphy, 1997 (Reference 1)

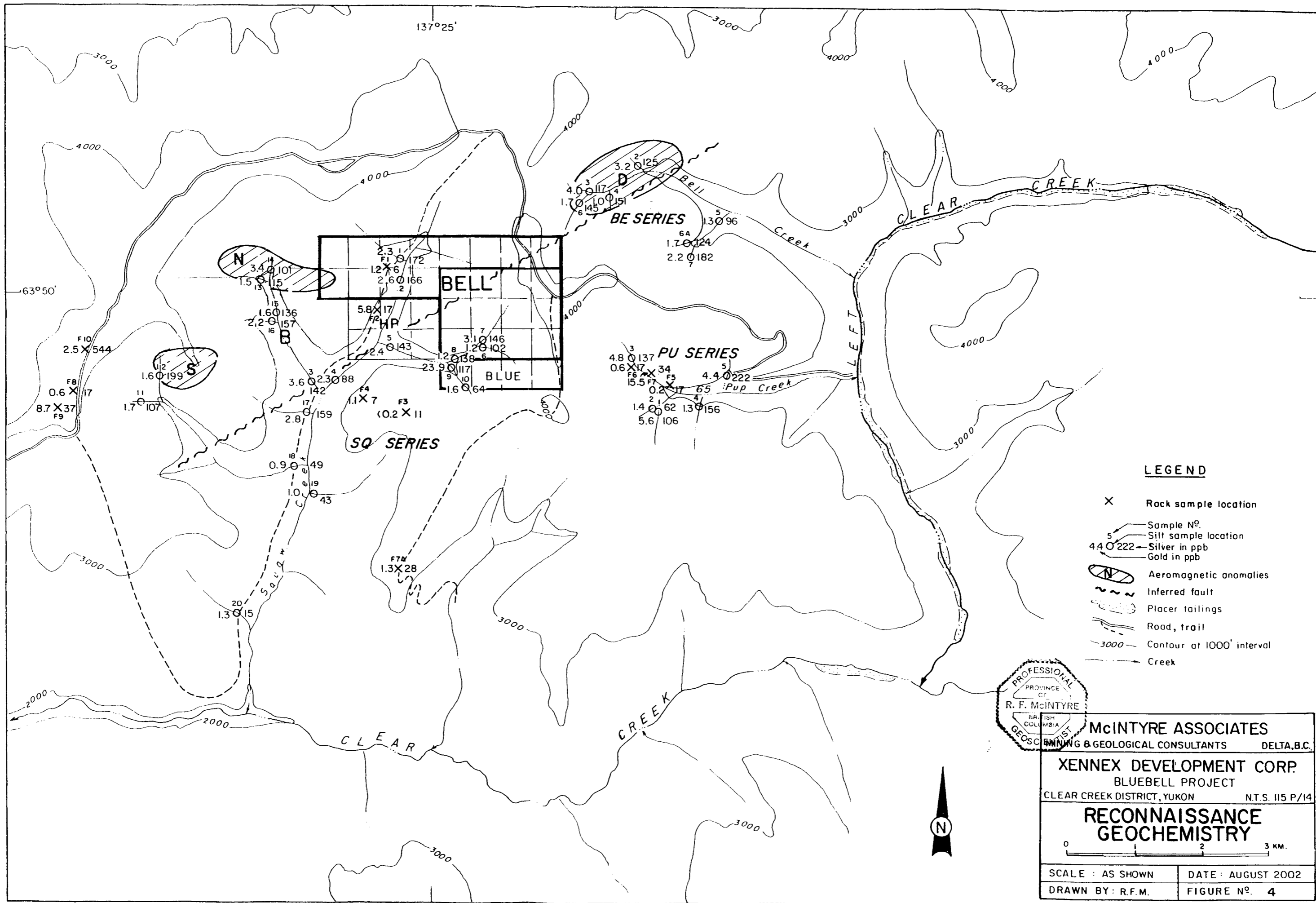
## **4.0 2001 FIELD WORK**

### **4.1: SILT SAMPLING PROGRAM**

During the period of September 17-23, 2001 the author visited the property and surrounding areas, accompanied by Mr. Shawn Ryan, an experienced prospector from Dawson. The purpose was to familiarize himself with the area, conduct a brief reconnaissance geological examination of the property and sample the streams crossing the property and throughout the area. During the course of this work some 32 stream silt samples of about 500 gm size were taken from Squaw Creek, its tributaries, Bell Creek and 65 Pup Creek. Sample locations are shown on Figure 4. Analytical results are attached in Appendix 1.

In addition, 6 pan concentrate samples were taken from some of the silt sample sites to test the usefulness of this exploration method. Little in the way of heavy minerals was collected and no economic mineralization identified, so this method is not recommended for future use. Locations and analyses are shown on Figure 4 and in Appendix 1.

A further 11 samples were taken of bedrock float from the same areas as the silt samples and from a number of quartz boulders found throughout the study area. Two samples, F-01-9 and F-01-10 included material from outcrops along with material from boulder trains. Locations and analyses are shown on Figure 4 and in Appendix 1. Additional details are given in Table 2, below.



137°25'

63°50'

**LEGEND**

- X Rock sample location
- Sample No.
- Silt sample location
- 4.4 O 222 Silver in ppb
- Gold in ppb
- (N) Aeromagnetic anomalies
- ~ Inferred fault
- Placer tailings
- Road, trail
- 3000 Contour at 1000' interval
- Creek



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 CLEAR CREEK DISTRICT, YUKON N.T.S. I15 P/14

**RECONNAISSANCE  
 GEOCHEMISTRY**

0 1 2 3 KM.

SCALE : AS SHOWN	DATE : AUGUST 2002
DRAWN BY : R.F.M.	FIGURE N <sup>o</sup> . 4

**TABLE 2 – BEDROCK SAMPLE DETAILS**

<b>F-01-1</b>	<b>Rusty quartz float in roadbed, no apparent source</b>
<b>F-01-2</b>	<b>Bull quartz, probably from small cat trench</b>
<b>F-01-3</b>	<b>Quartz flooded quartzite boulder, no outcrop visible</b>
<b>F-01-4</b>	<b>Bull quartz, train of large boulders</b>
<b>F-01-5</b>	<b>Quartz boulder float near top of placer workings</b>
<b>F-01-6</b>	<b>Angular quartz boulders, top of cleared area above placer workings</b>
<b>F-01-7</b>	<b>Mineralized, oxidized quartz float near placer workings</b>
<b>F-01-7A</b>	<b>Quartz float in road bed, near contact of Two Sisters batholith</b>
<b>F-01-8</b>	<b>Large train of white quartz boulders, composite sample from road to ridge</b>
<b>F-01-9</b>	<b>White/occasionally rusty quartz boulders, veins and stockwork in meta-quartzite. Composite. No visible mineralization.</b>
<b>F-01-10</b>	<b>Large quartz boulder train, ± 1km long. Composite from outcrop at ridge to road. Probably a swarm of discontinuous veins.</b>

**4.2: ANALYTICAL TECHNIQUE**

Details of the analytical procedures used in this program are shown on the Geochemical Analysis Certificates attached below in Appendix 1.

## **5.0 DISCUSSION**

### **5.1: SILT SAMPLING RESULTS**

The 2001 silt sampling was directed at finding anomalously high values in gold, in order to focus further exploration efforts. Of the 32 samples some 23 reported background values of 1-3 ppb Au. Four more samples reported borderline values of 3-4 ppb Au, four reported enriched values of 4-6 ppb Au, and one reported **a highly anomalous value of 23.9 ppb Au.**

In addition, enrichment in silver and in base metals (Zn, Pb, Cu, Ni and Co) was found in a number of samples, including SQ-019-SS-1 to 5, 7 and 16, BE-019-SS-7 and PU-019-SS-5. Many of these are located on or near the Bell claims. While there is some correlation of Ag with base metals there was little relationship found between gold and either silver or base metals. Because the number of samples is too small for statistical analysis these relationships cannot be closely defined at this stage.

With regard to pathfinder elements the silt samples show some correlation of elevated arsenic with gold. However, despite their known association in the Tintina Gold Belt and other locales there is no apparent correlation of gold values with those of antimony, bismuth, tungsten or mercury. Analysis for tin was not done.

### **5.2: BEDROCK SAMPLING RESULTS**

The ten rock samples returned encouraging results, though they are scattered across the study area. Although most showed no visible mineralization three returned gold values above **5 ppb Au** and one, sample F-01-10, returned **a silver value of 544 ppb Ag**. In these bedrock samples there is apparent correlation of elevated gold, silver and base metals.

Sample F-01-7 returned **the highest gold value at 15.5 ppb Au and a very high arsenic value of 89.8 ppb As**, suggesting that gold mineralization exists in the 65 Pup Creek watershed, that it may be associated with arsenopyrite and that it may be quite different in character than mineralization found further west.

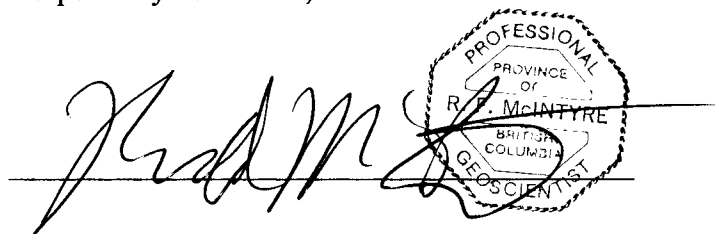
## **6.0 CONCLUSIONS AND RECOMMENDATIONS**

The property lies in a mineralized region and is surrounded on all sides with creeks bearing placer gold. The 2001 silt and bedrock sampling program returned anomalous values in gold, silver and base metals.

The author concludes that the Bell property merits additional exploration and recommends that the following work (cost approximately \$10,000) be undertaken:

- 1) Soil-sampling on the Bell claims.
- 2) Geological examination and prospecting.
- 3) Soil sampling in the 65 Pup Creek drainage to the east.
- 4) Soil sampling near bedrock sample F-01-10 to the west.
- 5) Preliminary geophysical surveying.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'R. F. McIntyre', is written over a horizontal line. To the right of the signature is a circular professional seal. The seal has a dashed border and contains the text: 'PROFESSIONAL' at the top, 'PROVINCE OF' in the middle, 'R. F. MCINTYRE' in the center, 'BRITISH COLUMBIA' at the bottom, and 'GEOSCIENTIST' at the very bottom.

**Ronald F. McIntyre, P. Geo**

## 7.0 REFERENCES

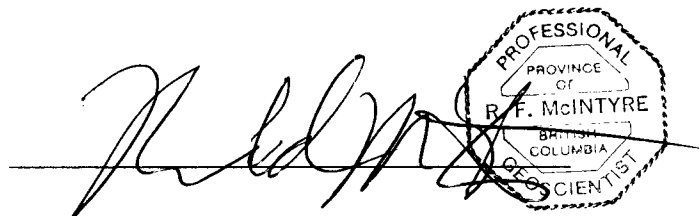
- 1) Murphy, Donald C., (1997): Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (115P/14, 15, 16; 105M/13, 14), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, **Bulletin 6**.
- 2) Bostock, H.S., (1964): Map 1143A, Geology, McQuesten Map Sheet (115P), Yukon Territory, Geological Survey of Canada, Scale: 1: 250,000.
- 3) Journay, J.M., Williams, S.P., and Wheeler, J.O., (2000): Tectonic Assemblage Map, Macmillan River, Yukon Territory, Geological Survey of Canada Open File 2948M, Scale 1:1,000,000.
- 4) Hart, C.J.R., Baker, T., Burke, M.,(2001): Exploration Concepts For Country-Rock-Hosted, Intrusion-Related Gold Systems: Tintina Gold Belt In Yukon, from “The Tintina Gold Belt: Concepts, Exploration, and Discoveries, Special Volume 2”, British Columbia and Yukon Chamber of Mines, pp. 145-171.
- 5) Yukon Mining and Exploration Overview, 2000, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, 2001, 30p.
- 6) Yukon Mining and Exploration Overview, 1999, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, 2000, 34p

## **8.0 CERTIFICATE**

**I, Ronald F. McIntyre** hereby certify that:

- 1) I graduated from the University of British Columbia in 1977, receiving a Bachelor of Science degree in Geology.
- 2) I have practiced my profession as a Geologist since 1977.
- 3) I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia.
- 4) I supervised and conducted the work described herein.
- 5) I neither have nor expect to receive any interest, direct or indirect, in the subject property.

Dated in Surrey, B.C. this 30<sup>th</sup> day of August, 2002.



A handwritten signature in black ink, appearing to read 'R. F. McIntyre', is written over a horizontal line. To the right of the signature is a circular professional seal for the Province of British Columbia. The seal contains the text 'PROFESSIONAL PROVINCE OF BRITISH COLUMBIA GEOSCIENTIST' around the perimeter and 'R. F. McINTYRE' in the center.

**Ronald F. McIntyre, P. Geo**

**APPENDIX 1**

**GEOCHEMICAL ANALYSIS CERTIFICATES**



GEOCHEMICAL ANALYSIS CERTIFICATE



**Xennex Development Corp. PROJECT Clear Creek File # A104035 Page 1**  
135 Rockland Road West, North Vancouver BC V7N 2V8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	1.44	2.38	2.71	41.0	11	4.7	4.3	549	1.87	.5	1.9	<2.5	1.74	5	.01	.03	.14	39	.64	100	9.0	12.6	.54	201.7	.124	1	1.20	.073	.46	1.9	1.6	.28	<.01	<.5	.1	<.02	5.1
SQ019SS01	.71	22.55	20.14	75.4	172	35.8	13.3	311	2.49	5.4	2.3	2.3	7.3	37.8	.19	.40	.29	23	.38	.064	36.2	18.2	.43	138.2	.009	1	1.19	.006	.05	.3	1.7	.05	.05	68	.6	.02	3.7
SQ019SS02	.72	20.33	20.47	103.2	166	30.6	21.2	960	2.37	5.7	1.8	2.6	5.5	36.0	.59	.62	.26	25	.36	.061	28.5	17.1	.36	195.8	.010	1	1.11	.006	.07	.3	1.8	.06	.03	60	.6	.03	3.4
SQ019SS03	.62	20.95	18.60	94.2	142	30.1	18.1	934	2.15	5.0	2.0	3.6	4.4	46.6	.55	.35	.23	25	.44	.064	24.2	18.2	.37	181.8	.010	1	1.19	.007	.08	.3	1.9	.07	.03	66	.9	.03	3.6
SQ019SS04	.64	21.60	17.01	104.6	88	30.7	22.7	1673	2.27	5.4	1.8	2.3	5.1	46.2	.66	.53	.21	23	.47	.064	26.6	16.0	.35	180.7	.011	1	1.01	.006	.06	.2	1.7	.06	.04	59	.9	.03	3.0
SQ019SS05	.72	27.24	19.64	132.4	143	36.8	22.5	1382	2.62	5.7	2.8	2.4	5.8	53.0	.69	.58	.28	27	.61	.077	29.0	20.6	.45	201.9	.009	1	1.33	.007	.08	.2	2.3	.08	.04	77	1.0	.03	3.8
SQ019SS06	.53	12.96	13.41	54.3	102	18.4	11.3	516	1.76	3.6	.8	1.2	3.1	17.7	.14	.37	.18	26	.21	.054	21.8	16.7	.33	161.3	.010	1	.96	.006	.05	.3	1.4	.08	.01	44	.2	.02	3.4
SQ019SS07	1.06	21.60	29.34	72.5	146	22.2	22.1	869	3.06	9.0	1.1	3.1	2.1	17.3	.18	.58	.30	34	.14	.109	25.5	20.2	.35	162.1	.009	<1	1.17	.005	.09	.2	1.4	.09	.05	48	.3	.04	4.0
SQ019SS08	.59	17.08	16.35	81.2	138	25.2	18.2	1123	2.10	4.5	1.0	1.2	3.1	30.0	.45	.48	.20	27	.34	.070	24.9	17.3	.35	166.6	.011	1	1.08	.005	.07	.2	1.6	.08	.03	51	.5	.02	3.5
SQ019SS09	.64	20.11	15.90	77.9	117	31.7	16.3	622	2.55	6.3	2.4	23.9	7.4	35.1	.29	.50	.22	29	.39	.066	30.4	21.9	.47	190.0	.013	1	1.22	.006	.05	.2	2.1	.06	.03	69	.5	.02	3.9
SQ019SS10	.54	18.59	11.39	62.1	64	26.1	12.1	512	2.13	8.6	1.5	1.6	6.2	34.4	.14	.97	.17	28	.40	.073	24.6	22.1	.40	76.7	.017	1	.86	.008	.05	.4	2.1	.05	.03	20	.3	.03	3.0
RE SQ019SS10	.54	19.03	11.49	62.1	64	26.3	12.4	524	2.15	8.8	1.5	1.2	6.3	35.0	.15	.96	.17	28	.41	.073	25.0	22.6	.40	80.3	.018	1	.87	.008	.05	.3	2.2	.05	.02	26	.3	.02	3.0
SQ019SS11	.66	12.91	14.25	52.7	107	19.3	10.3	554	1.75	4.2	.8	1.7	1.7	16.6	.17	.23	.18	28	.17	.058	20.5	20.3	.35	165.8	.011	1	1.15	.005	.05	.5	1.2	.09	.03	44	.1	.02	4.1
SQ019SS12	.60	20.22	16.99	61.5	199	24.6	9.4	511	1.93	5.5	1.8	1.6	3.0	52.1	.29	.41	.24	30	.61	.080	20.8	19.8	.35	272.5	.009	1	1.21	.007	.08	.4	2.1	.09	.06	72	.5	<.02	3.8
SQ019SS13	.66	16.08	16.71	66.7	115	23.8	13.0	558	2.12	5.3	1.1	1.5	4.2	29.1	.25	.29	.21	30	.30	.055	28.2	18.0	.37	184.8	.012	<1	1.18	.005	.05	.3	1.6	.08	.03	53	.3	.02	4.0
SQ019SS14	.55	13.76	13.96	54.0	101	21.4	9.0	194	1.95	4.2	1.2	3.4	5.6	25.3	.10	.27	.19	25	.27	.044	30.5	15.6	.36	118.6	.013	1	.99	.005	.04	.3	1.4	.05	.03	47	.2	<.02	3.3
SQ019SS15	.64	17.56	15.60	76.9	136	27.0	13.9	630	2.21	5.1	1.4	1.6	4.1	33.5	.37	.28	.21	28	.34	.057	25.2	17.7	.38	172.5	.010	1	1.21	.006	.05	.2	1.6	.07	.04	65	.3	.02	3.8
SQ019SS16	.61	21.93	39.91	97.8	157	23.2	15.2	917	2.15	5.5	1.0	2.2	2.5	35.9	.73	.27	.25	24	.39	.064	20.9	15.8	.29	170.9	.010	<1	1.04	.006	.08	<.2	1.5	.09	.03	63	.4	.03	3.4
SQ019SS17	.47	25.84	17.53	74.2	159	27.5	16.2	866	1.91	4.4	3.9	2.8	3.8	73.3	.28	.46	.28	19	.71	.062	21.0	13.4	.35	172.9	.007	2	.96	.006	.08	.3	1.7	.08	.08	66	.5	<.02	2.8
SQ019SS18	.43	19.25	11.88	57.5	49	21.0	10.5	318	2.14	5.3	.9	.9	6.0	26.0	.14	.54	.17	26	.30	.044	22.4	17.0	.37	152.1	.016	<1	.94	.005	.04	<.2	1.9	.05	.03	23	.1	.02	3.4
SQ019SS19	.43	12.49	10.51	58.1	43	17.4	9.4	329	1.70	6.1	.8	1.0	5.6	20.1	.17	.65	.13	23	.26	.049	22.4	13.7	.31	117.9	.020	1	.77	.005	.03	.8	1.4	.04	.01	113	.1	<.02	2.6
SQ019SS20	.21	14.57	7.77	30.1	15	11.5	6.4	190	1.17	5.1	.5	1.3	6.3	9.7	.11	.52	.14	13	.13	.039	19.6	7.3	.16	41.6	.010	<1	.37	.002	.03	<.2	.9	.02	.01	<.5	<.1	.02	1.4
BE019SS01	.68	14.65	15.05	54.1	125	17.1	7.1	125	1.69	3.8	.9	3.2	2.3	15.0	.10	.34	.22	28	.14	.050	24.6	17.5	.33	147.8	.012	<1	1.12	.005	.04	.4	1.3	.08	.04	52	.1	.02	4.0
BE019SS03	.72	10.95	13.61	41.2	117	14.0	5.3	119	1.62	4.8	.7	4.0	1.7	12.1	.08	.35	.19	26	.10	.052	20.4	15.8	.26	122.0	.011	1	.89	.004	.04	.3	1.1	.09	.02	71	.1	.02	3.3
BE019SS04	.70	22.15	14.96	64.6	151	28.7	13.1	497	2.19	5.0	1.9	1.0	5.1	22.8	.17	.31	.20	24	.22	.049	34.4	15.7	.33	127.8	.010	<1	1.04	.004	.03	.3	1.4	.05	.03	46	.2	<.02	3.4
BE019SS05	.51	17.50	19.53	71.2	96	22.8	13.3	541	1.99	3.8	1.5	1.3	5.3	29.9	.33	.39	.21	23	.29	.060	26.2	13.5	.26	164.5	.009	1	.82	.005	.07	.3	1.7	.07	.03	60	.2	.02	2.6
BE019SS06	.54	14.69	12.33	75.0	145	25.6	14.0	539	2.00	4.8	2.1	1.7	1.5	37.0	.34	.32	.16	28	.39	.084	17.8	18.6	.31	206.4	.010	1	1.31	.005	.06	.3	1.7	.09	.06	82	.6	.02	3.5
BE019SS06A	.60	12.25	17.58	59.2	124	17.0	14.9	838	1.84	4.3	.9	1.7	1.9	21.1	.19	.30	.21	25	.21	.053	19.4	14.5	.25	163.0	.009	<1	.96	.004	.07	.3	1.2	.09	.02	72	.1	.02	3.3
BE019SS07	.64	24.86	34.24	111.6	182	29.3	15.7	625	2.50	4.2	1.9	2.2	5.5	46.4	.49	.42	.33	24	.43	.071	27.1	15.3	.26	136.5	.005	<1	1.24	.005	.09	.3	2.3	.10	.05	115	.5	.04	3.1
PU019SS01	.43	12.34	14.67	60.4	106	19.9	13.6	513	1.91	5.8	1.0	5.6	2.8	21.8	.18	.40	.18	24	.29	.067	21.8	17.2	.35	129.6	.011	1	1.05	.005	.05	.3	1.4	.07	.04	36	.3	<.02	3.5
PU019SS02	.46	9.73	10.60	52.3	62	15.1	12.0	325	1.71	4.8	.5	1.4	2.5	13.1	.15	.43	.14	22	.14	.042	21.9	14.7	.28	119.2	.018	<1	.97	.004	.03	.4	1.3	.05	.02	27	.1	<.02	3.3
PU019SS03	.59	19.45	15.56	79.3	137	29.1	19.5	919	2.23	14.0	2.7	4.8	3.6	39.9	.46	1.11	.19	25	.44	.084	26.7	18.2	.34	172.5	.007	1	1.23	.005	.06	.3	1.9	.07	.06	61	.7	.02	3.1
PU019SS04	.62	18.13	14.77	59.5	156	27.3	17.4	662	2.55	7.9	3.0	1.3	4.0	27.8	.11	.39	.23	27	.34	.070	22.3	20.1	.40	181.7	.011	<1	1.25	.005	.04	.2	1.7	.07	.05	43	.3	<.02	4.0
PU019SS05	.70	25.46	19.64	73.5	222	28.7	17.8	1021	2.66	11.3	3.0	4.4																									



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.82	1.96	2.03	37.7	8	4.2	3.5	503	1.82	.4	2.0	<.2	4.6	56.8	.02	.02	.14	38	.51	.099	7.3	12.0	.48	171.2	.110	1	.79	.045	.41	2.3	1.1	.25	<.01	<.5	<.1	<.02	4.2
SQ019P01	.51	14.56	11.60	72.7	59	21.8	8.9	187	2.17	3.6	.7	1.9	8.7	16.8	.11	.37	.16	18	.16	.038	39.1	12.9	.39	77.7	.013	1	.87	.003	.03	.3	.9	.03	.01	13	.1	<.02	3.1
SQ019P02	.72	18.04	14.16	95.4	41	24.5	12.6	419	2.47	5.4	.9	1.8	9.1	14.3	.19	.61	.19	17	.13	.038	37.4	11.2	.29	97.0	.010	<1	.75	.003	.04	.3	.9	.03	<.01	13	.1	.02	2.6
SQ019P03	.46	12.64	14.89	71.4	59	19.4	9.9	320	1.79	3.8	.9	1.3	5.6	21.2	.16	.30	.14	21	.20	.038	24.5	12.1	.28	98.4	.016	1	.75	.004	.04	.5	1.0	.04	<.01	26	.1	.02	2.6
SQ019P04	.51	15.07	12.64	75.9	39	21.4	10.9	288	2.25	4.1	1.0	1.5	9.3	17.2	.13	.56	.17	21	.17	.042	36.7	11.8	.27	78.0	.016	<1	.67	.003	.04	.6	.9	.03	.01	18	.1	.02	2.2
SQ019P05	.87	27.96	21.91	147.0	34	34.7	19.0	832	3.84	6.6	1.0	1.4	11.0	17.5	.28	.80	.30	17	.15	.050	40.5	9.3	.32	86.9	.006	<1	.86	.003	.09	<.2	1.1	.04	.01	152	.2	.03	2.4
SQ019P06	.70	31.83	23.89	106.9	43	30.3	15.6	641	3.29	6.3	1.1	1.7	10.7	16.5	.21	.80	.29	15	.13	.041	32.9	9.9	.30	83.2	.008	<1	.71	.003	.05	<.2	1.1	.03	.01	17	.2	.03	2.1
RE SQ019P06	.69	30.96	26.91	105.3	54	29.7	15.4	612	3.25	6.2	1.0	2.9	10.3	15.9	.20	.79	.27	14	.13	.038	31.6	9.9	.30	78.1	.007	<1	.70	.002	.05	<.2	1.0	.03	.01	17	.2	.03	2.0
STANDARD DS3	9.82	132.20	37.65	164.3	313	39.1	13.0	863	3.36	33.1	6.5	23.4	4.7	29.9	6.05	5.36	5.98	84	.57	.102	19.3	191.8	.64	150.5	.091	1	1.89	.031	.19	4.1	2.9	1.09	.02	241	1.2	1.18	6.9

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

McIntyre, Ron File # A201250

72 - 17712 - 60th Ave, Surrey BC V3S 1V2 Submitted by: Ron McIntyre



SAMPLE#	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	Sc	Tl	S	Hg	Se	Te	Ga	Sample
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm
S1	.07	.94	.21	.3	10	1.5	.1	4	02	.2	<1	2.8	<1	1.4	<0.01	<0.02	<0.02	<2	.05	<0.001	<5	3.4	.01	2.1	<0.001	<1	.01	.250	<0.01	.2	.1	<0.02	<0.01	<5	<1	<0.02	<1	15
F99-1	.66	7.49	16.93	14.5	6	4.5	2.0	89	.56	2.5	.2	1.2	2.3	8.4	02	2.74	.25	5	.03	.005	4.0	51.7	.01	36.3	<0.001	5	.21	.003	.11	2.1	.6	.04	.01	<5	<1	<0.02	.4	15
F-01-02	2.57	11.07	4.24	13.4	17	9.1	1.7	375	1.00	1.0	.2	5.8	.5	3.6	.03	.29	.05	5	.48	.004	.9	109.5	.02	17.2	.002	<1	.08	.005	.03	4.1	.3	<0.02	.01	<5	<1	<0.02	.2	15
F-01-03	.86	9.46	.79	4.1	11	8.7	1.3	42	.53	.7	.2	<2	2.4	1.6	.01	.15	<0.02	3	<0.01	.009	4.6	62.5	.01	8.9	<0.001	<1	.11	.048	.02	3.0	.3	<0.02	<0.01	<5	.1	<0.02	.2	15
F-01-04	3.21	6.41	.30	.9	7	8.6	.4	36	.36	.5	<1	1.1	.1	2.3	<0.01	.07	<0.02	5	<0.01	.001	<5	136.5	<0.01	3.3	<0.001	<1	.01	.001	<0.01	5.6	.1	<0.02	<0.01	<5	<1	<0.02	.1	15
F-01-05	.83	8.68	11.86	15.0	17	7.0	2.2	324	1.55	2.9	.3	.2	1.3	1.5	.06	.51	.02	3	.01	.008	2.7	72.9	.01	19.7	<0.001	<1	.07	.004	.02	2.9	.4	<0.02	.01	<5	<1	<0.02	.1	15
F-01-06	2.56	8.17	2.79	4.6	14	8.9	1.4	107	.54	1.7	.1	.6	.6	1.3	.01	.34	.06	4	.01	.004	1.4	125.6	.01	11.3	<0.001	<1	.06	.009	.02	4.3	.2	<0.02	.02	<5	<1	<0.02	.2	15
RE F-01-06	2.32	7.77	2.66	4.4	22	9.1	1.3	90	.54	1.8	.1	.6	.6	1.2	<0.01	.32	.05	5	.01	.004	1.2	119.3	.01	10.0	<0.001	<1	.05	.009	.02	3.7	.1	<0.02	.02	<5	<1	<0.02	.2	15
F-01-07	.76	31.46	55.18	31.5	34	9.2	5.0	391	1.26	89.8	.5	15.5	6.0	6.1	.07	7.80	.33	3	.02	.010	12.2	56.5	.01	61.9	<0.001	<1	.29	.012	.11	2.1	.6	.03	<0.01	7	.1	.07	.4	15
F-01-07A	3.04	7.29	13.57	12.2	28	9.5	2.6	474	.56	2.1	.1	1.3	2.8	75.7	.13	.25	.05	8	.69	.009	8.0	135.0	.11	60.0	.017	<1	.44	.018	.02	5.4	.5	<0.02	.01	<5	<1	.02	1.2	15
F-01-08	.85	10.22	2.82	5.0	17	4.4	.6	86	.44	.6	<1	.6	.3	.8	.03	.14	.04	3	<0.01	.004	.9	79.4	.01	14.7	<0.001	<1	.06	.003	.03	3.3	.1	<0.02	.02	<5	.1	.03	.2	15
F-01-09	2.84	18.72	24.85	38.4	37	20.9	5.0	257	1.39	5.6	.3	8.7	.7	.9	.04	.60	.05	4	<0.01	.009	1.8	116.8	.01	8.9	<0.001	<1	.07	.006	<0.01	4.1	.3	<0.02	.02	115	.2	<0.02	.1	15
F-01-10	.81	24.36	631.18	109.8	544	3.8	.9	54	.91	.9	.1	2.5	.7	.6	.12	.54	.42	3	<0.01	.010	.9	72.8	<0.01	7.7	<0.001	1	.04	.002	.02	3.4	.2	<0.02	.04	52	.1	.21	.1	15
STANDARD DS3	9.01	121.09	35.41	158.2	278	35.5	11.5	792	3.06	28.8	5.7	21.9	3.7	26.8	5.29	5.15	5.64	73	.50	.088	16.0	180.9	.56	145.9	.083	2	1.66	.027	.14	3.7	2.6	1.07	.04	220	1.2	1.03	5.9	15

GROUP 1F15 - 15.00 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/ES & MS.  
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.  
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 10 2002 DATE REPORT MAILED: *May 21/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

**APPENDIX 2**

**SCHEDULE OF EXPLORATION EXPENSES**

## SCHEDULE OF EXPLORATION EXPENSES

### 1) 2001 Silt And Bedrock Sampling Program

A: R.F. McIntyre (i) Preparation and Planning	1	days	
(ii) Field, September 17-23	5	"	
(iii) Interpretation, Report	<u>0.5</u>	"	
Total	6.5 days @	\$535.00	<b>\$3,477.50</b>

#### B: Field Assistant

Shawn Ryan, September 17-23	5 days @	\$267.50	<b>\$1,337.50</b>
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C: Transportation (i) Fuel		\$323.11	
(ii) 4X4 Rental		911.80	
(iii) Sample Freight		<u>53.50</u>	
Total Transportation		\$1,288.41	<b>\$1,288.41</b>

#### D: Food and Lodging **\$526.08**

F: Miscellaneous (i) Report costs, drafting, copies		\$100.00	
(ii) Maps, Publications		\$90.18	
(ii) Misc. Equipment and Supplies		<u>82.19</u>	
Total Equipment and Supplies		\$272.37	<b>\$272.37</b>

#### F: Analytical: Acme Analytical Laboratories Ltd

(i) 38 Silt&PC Samples @ \$18.89 (Includes prep, analysis, taxes)		\$717.65	
(ii) 11 Rock Samples @ \$26.46 (Includes prep, analysis, taxes)		<u>\$291.06</u>	
Total Analytical		\$1,008.71	<b>\$1,008.71</b>

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**TOTAL SILT AND BEDROCK SAMPLING PROGRAM **\$7,910.57****

Part Apportioned to 12 subject claims = 12/24 **\$3,955.29**

**Total representation work per claim:  $\$3,955.29 \div 12$  **\$329.61****