

MCINTYRE ASSOCIATES
16691 Mapletree Close
Surrey, British Columbia, V4N 1V9
CANADA

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

JUNE 24-30, 2002

094304

CLAIMS: HP 9,11,21-24
GRANT NUMBERS: YB53036, YB53038, YB53048-YB53051

DAWSON MINING DIVISION
NTS 115 P/14

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

REGISTERED OWNER: Mr. Les Hart

OPERATOR: T.L.C. Ventures Inc.
450 – 1090 West Georgia St., Vancouver, British Columbia

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

August 30, 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 \$ 1800.

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

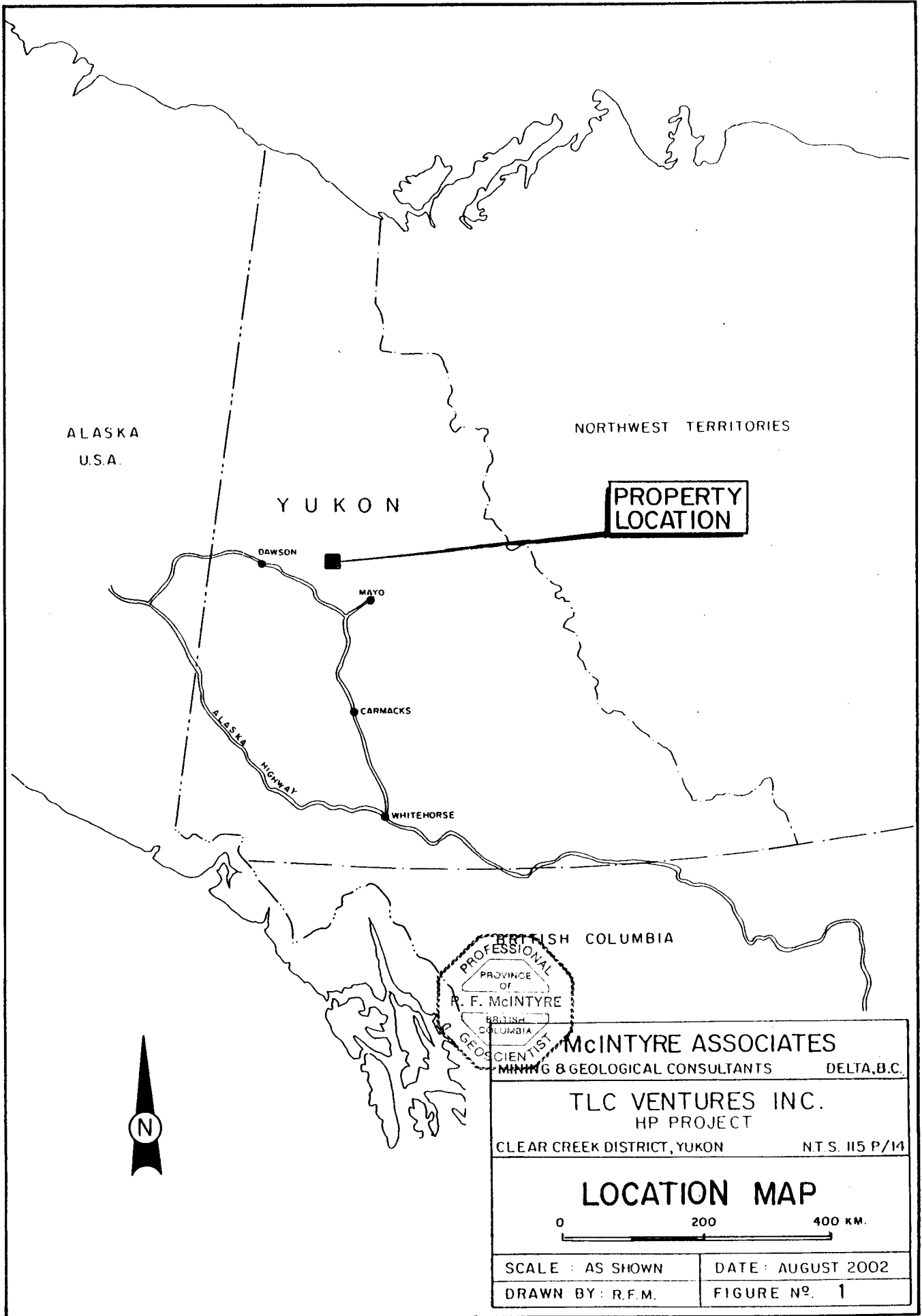
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1.0 SUMMARY

The HP 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. Following up on these, a program of soil sampling was completed on the claims during June of 2002. Results of this soil sampling 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 Mr. Les Hart of 1873 W 12th Avenue, Vancouver, British Columbia. The operator is T.L.C. Ventures of 450 – 1090 West Georgia St. Vancouver, British Columbia. No history of prior exploration work on the property has come to light and the author has seen no evidence on the property of earlier exploration effort. The present work is assumed to be the first geochemical survey on this property.

2.2: CLAIMS

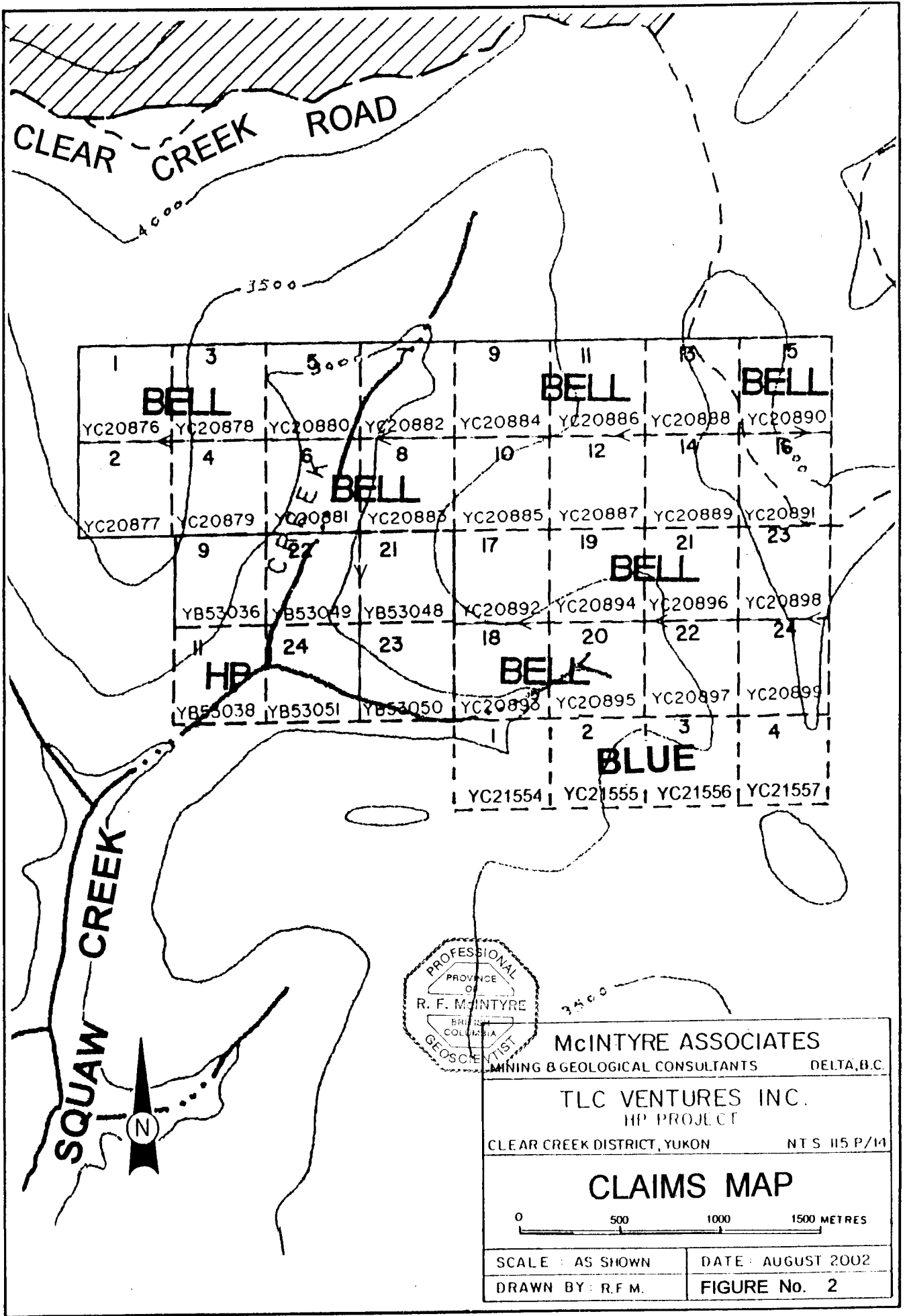
The property herein referred to as the HP Group consists of six quartz claims as tabulated below. The configuration of these claims is shown in Figure 2. These claims are in good standing and the work described in this report will maintain them for an additional three years.

TABLE 1 – CLAIMS AND GRANT NUMBERS

HP 9 #YB53036	HP 11 #YB53038	HP 21 #YB53048
HP 22 #YB53049	HP 23 #YB53050	HP 24 #YB53051

2.3: LOCATION AND ACCESS

The property is located in the northern section 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 approaches the property



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TLC VENTURES INC.
HP PROJECT
CLEAR CREEK DISTRICT, YUKON NTS 115 P/11

CLAIMS MAP

0 500 1000 1500 METRES

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

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, which crosses the HP claims. As well, a usable 4X4 trail follows the height of land along the east site of the Squaw Creek drainage and there is an active road that 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.

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 HP 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 2001-2002 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 HP 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. Results of this work led to a program of soil sampling on some of the HP claims during the period of June 24-30, 2002, which was as early in the season as ground conditions permitted. A flagged baseline was established and a total of 35 soil samples were taken from a grid on the HP claims. Additional sampling took place on other, adjacent claim blocks during the same period.

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 psammites (less micaceous metasediments) that are frequently isoclinally folded and boudinaged in outcrop. Outside of the strain zone the

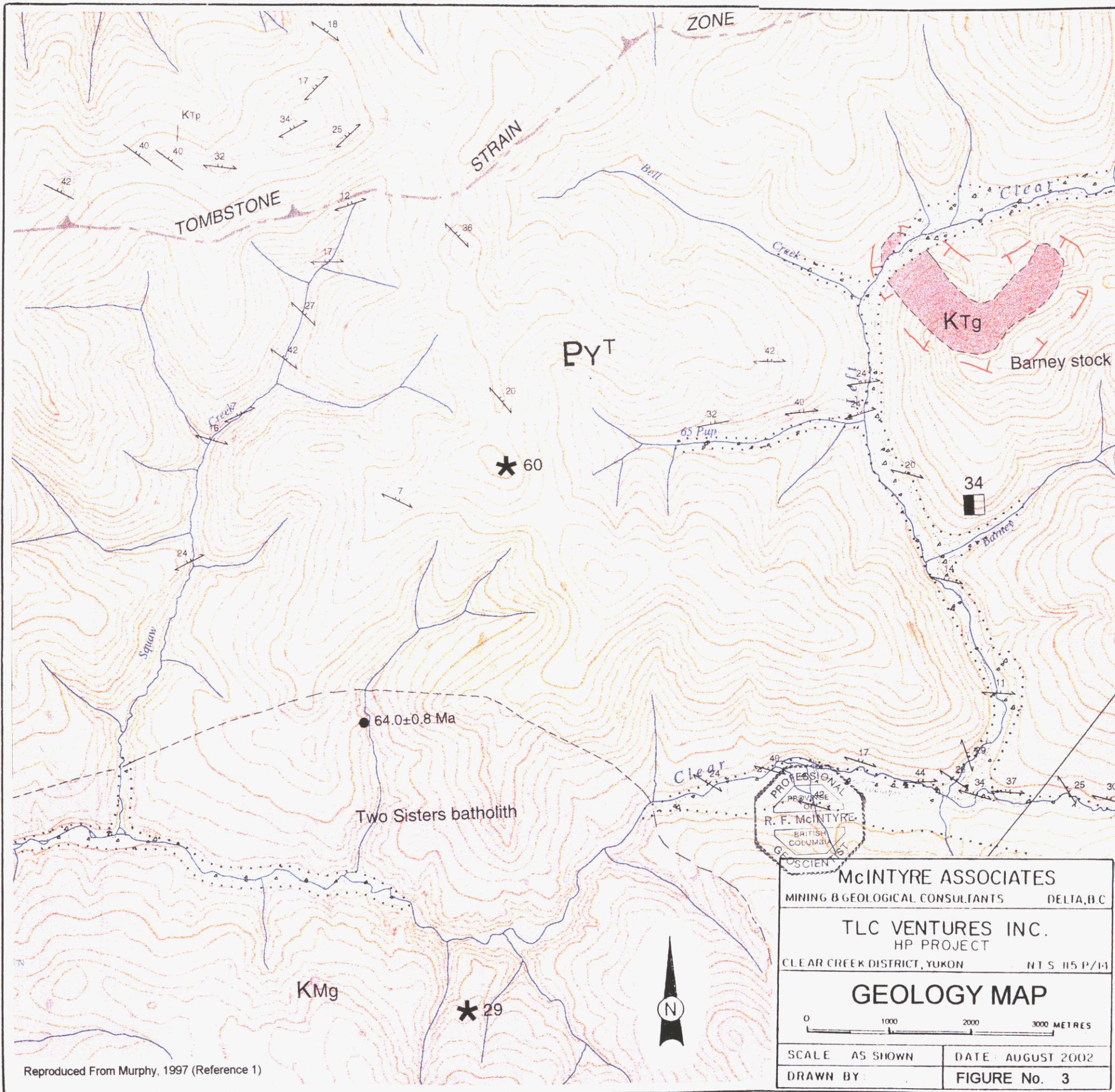
same rock types are seen, foliated but not generally contorted. Other authors have identified several generations of deformation in rocks in the Clear Creek camp on the basis of jointing patterns, some of which may be associated with emplacement of intrusions and/or deposition of exhalations. Foliation 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.

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.

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)

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TLC VENTURES INC. HP PROJECT CLEAR CREEK DISTRICT, YUKON N.T.S. 115 P/1-1	
GEOLOGY MAP	
0 1000 2000 3000 METRES	
SCALE AS SHOWN	DATE: AUGUST 2002
DRAWN BY:	FIGURE No. 3

4.0 2002 FIELD WORK

4.1: SOIL SAMPLING PROGRAM

Following up on anomalous silt sample values found in 2001 the author was engaged to plan and conduct an exploration program in the spring of 2002. It was decided to concentrate on the area near silt sample SQ-019-SS-9, located a few hundred meters southeast of the HP claim block. This had returned an anomalously high gold value of 23.9 ppb, roughly ten times background level.

Work took place during the period of June 24 to 30, 2002. The program consisted of soil sampling on a grid pattern. An east-west baseline was flagged along the south boundary of the HP claim block and north-bearing cross-lines established every 100 m., beginning at the southeast corner of the HP 23 claim (Line 000) and ending on the HP 24 claim (Line 600). See Figures 4 and 5.

A total of 35 soil samples were taken from the grid on the HP claims. Additional work was done on adjacent properties, results of which are reported elsewhere.

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

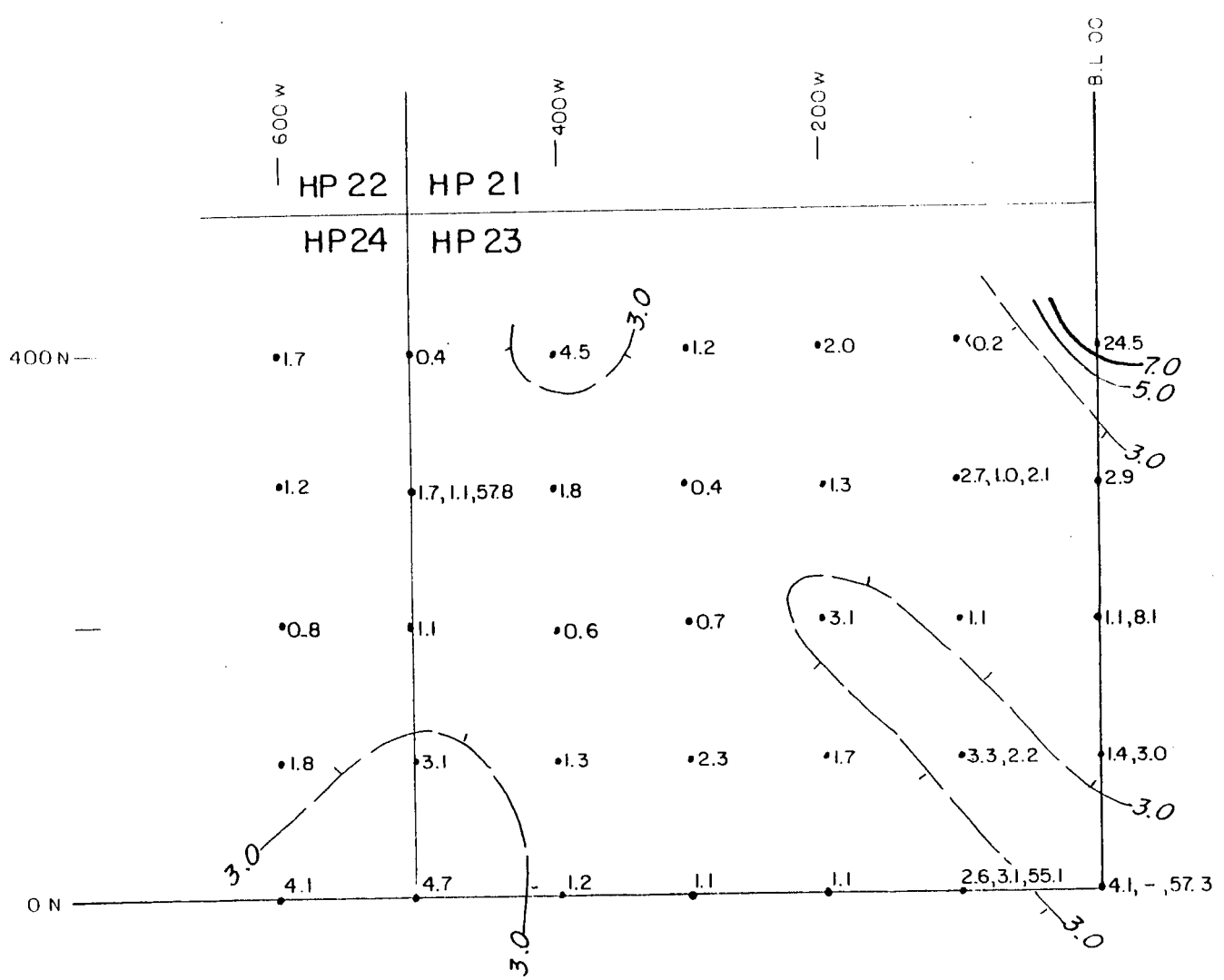
5.1: SOIL SAMPLING RESULTS

The analytical results were plotted on Figures 4 and 5. Gold values were contoured at 3, 5 and 7 ppb. Silver values were contoured at 60, 90 and 120 ppb. Though gold and silver values do not correlate strongly both plots display a pattern of anomalies aligned roughly northwest/southeast, parallel to the common foliation trend. Such a coherent pattern indicates an enriched source and contrasts strongly with the random scattering expected if only variations in background are present.

Background gold values of 1-4 ppb are assumed here. Of the 35 samples taken from the HP claims six exceeded 3ppb Au, but none exceeded 5 ppb Au. They outline two weak anomalies, one at the southeast corner of the grid and one at the southwest corner. By themselves these would not be of much interest, however the silver results are very encouraging.

Background silver values of 10-70 ppb are assumed here. Of these 35 soil samples fifteen exceeded 90ppb Ag, ten of these exceeded 120 ppb Ag and **the highest sample returned a value of 289 ppb Ag**. The higher values are concentrated in the eastern portions of the grid and particularly along the southern boundary, and the anomalies are open in these areas.

A few elevated values in Zn, Cu, Sb and Pb were found. These are clustered at the southeast corner of the grid and correlate strongly with one another, and with anomalous silver and gold values. No association of gold or silver with As, Bi, W or Hg is apparent in the soil sample results.

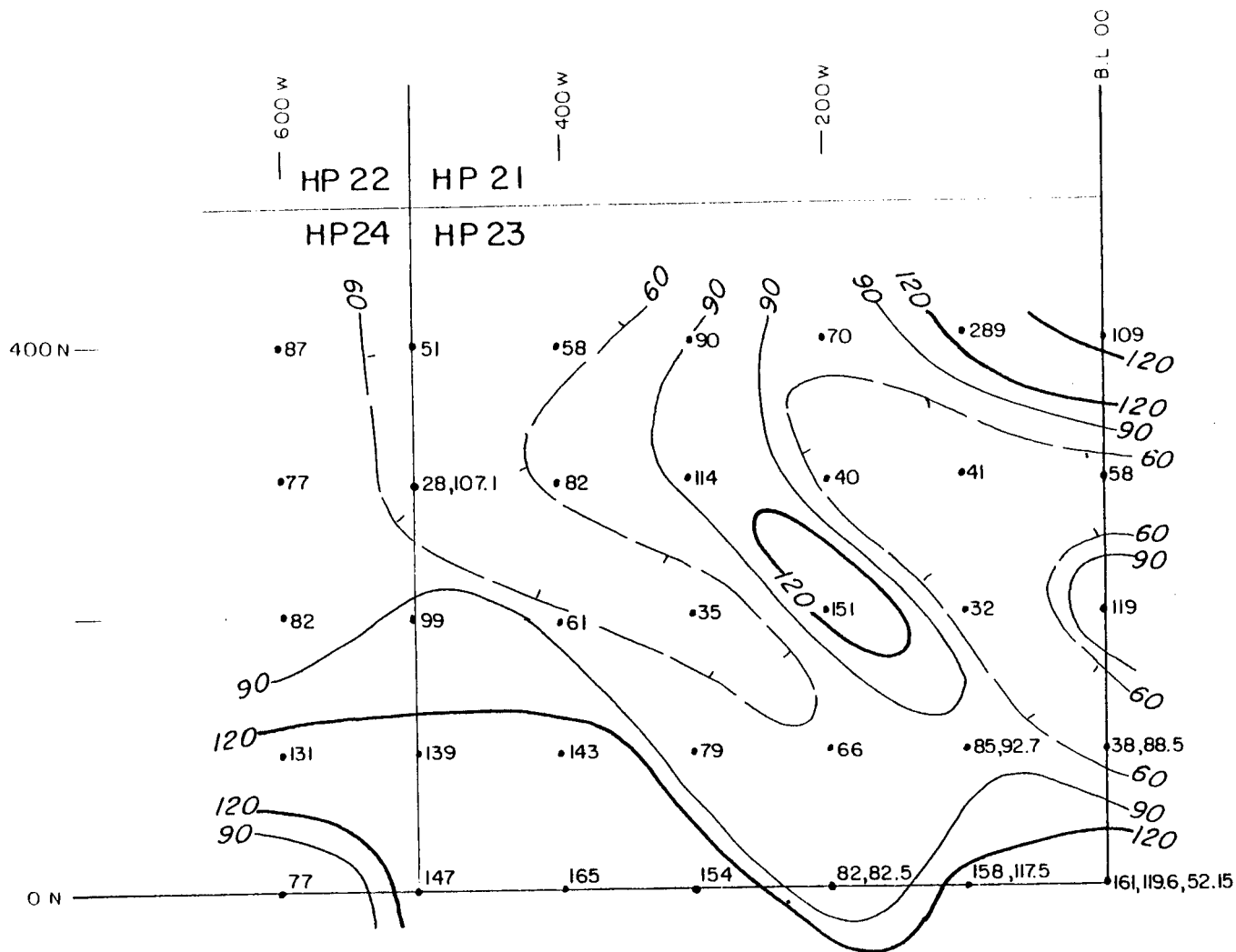


• 2.7, 1.0, 2.1 Au in ppb, Sb, Cu in ppm

Gold contours at 3.0, 5.0, 7.0 ppb



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CLEAR CREEK DISTRICT, YUKON	N.T.S. 115 P/14
2002 SOIL GEOCHEMISTRY	
GOLD	
SCALE : AS SHOWN	DATE : AUGUST 2002
DRAWN BY : R.F.M.	FIGURE NO. 4



•116,119,6,52.15 Ag in ppb, Zn, Pb in ppm

Silver contours at 60,90,120 ppb



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HP PROJECT	
CLEAR CREEK DISTRICT, YUKON N.T.S. 115 P/14	
2002 SOIL GEOCHEMISTRY	
SILVER	
0 100 200 300 METRES	
SCALE : AS SHOWN	DATE : AUGUST 2002
DRAWN BY : R.F.M.	FIGURE NO. 5


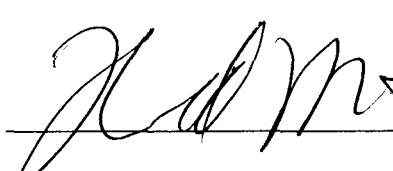
6.0 CONCLUSIONS AND RECOMMENDATIONS

The property lies in a mineralized region and is surrounded on all sides with creeks bearing placer gold. Sampling programs have returned anomalous values in gold, silver and base metals. They display coherent zonation rather than random scattering of values, suggesting an enriched source. Anomalous silver values correlate with elevated values of several base metals. The pattern of gold anomalies is roughly similar to the silver anomalies, suggesting a common depositional influence. Only a small part of the claims was sampled, and anomalies extend beyond the sampled area. Soil, silt and bedrock sampling have returned significant results outside of the HP property.

The author concludes that the HP property merits additional exploratory effort and recommends that a program of work costing approximately \$10,000 be undertaken, consisting of the following:

- 1) Extension of the soil-sampling grid.
- 2) Geological examination and prospecting of the anomalous areas.
- 3) Staking additional quartz claims south of the HP property.
- 4) Preliminary geophysical surveying of anomalous areas.

Respectfully Submitted,



The seal is circular with a scalloped edge. The text inside the seal reads: "PROFESSIONAL" at the top, "PROVINCE" below it, "R. F. MCINTYRE" in the center, and "REGISTERED" at the bottom.

Ronald F. McIntyre, P. Geo

7.0 REFERENCES

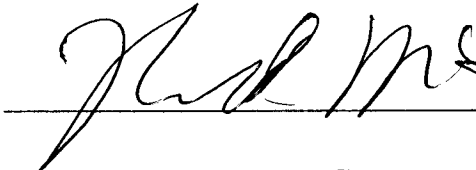

- 1) Murphy, Donald C., (1997): Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (115P/14, 15, 16; 105M/13, 14), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6.
- 2) Bostock, H.S., (1964): Map 1143A, Geology, 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 planned and directed the program of work described in this report.
- 5) I neither have nor expect to receive any interest, direct or indirect, in the subject property.

Dated in Surrey, B.C. this 30th day of August, 2002.

Ronald F. McIntyre, P. Geo

APPENDIX 1

GEOCHEMICAL ANALYSIS CERTIFICATES

Note: On the following certificates Line HP 000W is the same as Line BB 1350.



GEOCHEMICAL ANALYSIS CERTIFICATE

McIntyre, Ronald File # A202460 Page 1
11858 - 92A Ave, Delta BC V4C 3N2 Submitted by: Ronald McIntyre

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	As ppm	Au ppb	Sb ppm	Bi ppm	W ppm	Hg ppb	Sample gm
G-1	2.86	2.95	40.6	14	4.4	.6	.2	.04	.12	1.7	9	15
BB 000S 400N	15.35	14.95	45.2	17	13.8	9.8	1.6	.57	.20	.2	27	15
BB 000S 300N	13.91	11.92	51.9	18	14.8	8.5	1.5	.60	.16	.2	16	15
BB 000S 200N	14.48	18.64	32.6	117	9.0	6.9	4.0	.29	.21	.2	50	15
BB 000S 100N	17.17	11.48	55.6	45	15.4	9.3	1.9	.43	.18	.2	44	15
BB 000S 000N	18.77	11.70	51.1	23	14.9	8.8	2.0	.62	.18	.2	42	15
BB 000S 100S	20.67	18.48	70.5	33	19.9	8.9	1.4	.75	.23	.2	42	15
BB 000S 200S	18.05	15.87	44.3	55	18.1	8.3	1.1	.49	.27	.1	51	15
BB 000S 400S	25.09	11.60	62.9	36	22.7	8.5	2.9	.73	.17	.2	38	15
BB 200S 400N	30.72	26.63	65.9	30	22.2	9.2	2.1	.56	.23	.1	46	15
BB 200S 300N	13.07	18.38	45.0	44	12.2	10.9	1.7	.49	.20	.2	35	15
BB 200S 200N	24.05	13.93	65.0	34	21.4	9.7	2.4	.60	.19	.1	39	15
BB 200S 100N	25.08	18.13	58.8	94	19.3	8.6	15.3	.55	.27	.2	40	15
BB 200S 100S	13.86	14.00	50.7	169	14.6	5.8	1.7	.29	.22	.2	58	15
BB 200S 200S	15.23	16.43	60.0	72	17.9	8.2	6.5	.57	.26	.2	34	15
BB 200S 300S	22.07	10.96	59.7	43	20.6	7.6	2.4	.86	.16	.2	26	15
BB 200S 400S	28.78	15.93	68.9	37	27.7	8.9	1.8	.75	.21	.1	18	15
BB 400S 400N	12.18	18.02	47.1	22	10.8	9.9	1.1	.51	.24	.2	23	15
BB 400S 300N	18.93	16.24	46.9	53	14.6	7.9	1.5	.47	.22	.1	34	15
BB 400S 200N	19.47	15.34	52.3	40	17.9	10.3	1.3	.84	.23	.2	37	15
BB 400S 100N	16.71	16.75	65.3	117	19.1	8.5	1.2	.67	.24	.2	48	15
BB 400S 000N	16.12	15.19	50.7	83	13.8	7.7	3.1	.49	.25	.2	48	15
RE BB 400S 000N	16.47	14.70	47.0	78	13.4	8.0	2.9	.50	.25	.1	47	15
BB 400S 100S	18.47	11.91	49.6	43	18.1	7.3	2.1	.61	.18	.2	21	15
BB 400S 300S	19.05	12.25	51.2	45	13.6	7.9	4.6	.51	.19	.1	32	15
BB 400S 400S	18.83	15.64	51.6	22	19.5	8.4	2.3	.48	.19	<.1	36	15
BB 600S 400N	34.11	25.41	73.6	30	34.4	11.8	.5	.88	.33	.1	23	15
BB 600S 300N	11.46	16.21	48.0	105	13.6	5.8	6.5	.38	.21	.3	46	15
BB 600S 200N	20.40	16.37	50.8	96	16.0	8.0	2.1	.73	.23	.2	72	15
BB 600S 100N	19.71	17.27	68.1	75	18.5	11.6	4.0	.95	.27	.2	38	15
BB 600S 000N	26.65	9.25	49.4	21	19.5	9.5	11.3	.67	.18	.1	32	15
BB 600S 100S	18.30	12.08	47.6	39	15.4	8.5	1.8	.55	.19	.2	33	15
BB 600S 200S	12.50	14.35	37.2	13	9.9	8.9	.6	.41	.24	.2	28	15
BB 600S 300S	16.16	10.07	47.0	21	14.3	9.0	4.8	.49	.16	.1	36	15
STANDARD DS3	123.56	32.63	162.4	276	32.6	30.6	22.7	5.68	5.61	3.9	234	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: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 23 2002 DATE REPORT MAILED: *Aug 2/02* SIGNED BY: *[Signature]* .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	As ppm	Au ppb	Sb ppm	Bi ppm	W ppm	Hg ppb	Sample gm
G-1	2.27	2.00	39.2	11	3.7	.7	.4	.02	.15	2.3	6	15
BB 600S 400S	11.42	16.63	49.7	31	14.4	11.8	2.3	.57	.23	.2	28	15
BB 800S 400N	33.02	31.25	72.7	81	25.8	10.2	4.2	3.87	.40	<.1	29	15
BB 800S 300N	18.95	23.88	55.0	81	15.0	11.1	2.0	.81	.29	.2	44	15
BB 800S 200N	22.40	12.66	67.1	34	21.9	10.2	9.8	1.13	.23	.3	23	15
BB 800S 100N	15.46	8.71	50.2	50	16.3	6.5	1.9	.55	.14	.2	22	15
BB 800S 000N	22.27	10.52	59.4	75	19.6	8.3	4.6	.56	.19	.2	31	15
BB 800S 100S	25.54	23.96	69.1	35	19.4	10.4	2.7	.58	.37	.1	35	15
BB 800S 200S	24.14	20.85	55.6	138	27.4	12.6	1.3	.58	.26	.1	42	15
BB 800S 300S	21.98	13.26	56.0	38	22.8	10.2	2.4	.50	.19	.2	33	15
BB 800S 400S	24.55	19.11	73.5	32	26.4	8.2	2.1	.67	.30	.1	17	15
BB 1000 400N	16.24	15.34	48.2	130	15.5	8.2	.7	.76	.22	.1	31	15
BB 1000 300N	19.46	16.31	49.8	49	17.2	7.5	9.7	.94	.21	.1	18	15
BB 1000 200N	39.08	19.54	78.5	125	29.1	13.6	1.6	1.03	.29	.2	38	15
BB 1000 100N	26.89	14.41	63.8	87	28.5	10.5	4.8	1.01	.25	.2	30	15
BB 1000 000N	28.70	23.03	69.9	59	34.4	10.6	.8	.44	.29	.1	24	15
BB 1000 100S	22.45	17.53	60.0	40	24.6	10.5	2.3	.50	.24	.2	28	15
BB 1000 200S	24.09	13.87	62.8	88	23.0	8.1	3.2	.37	.23	.2	33	15
BB 1000 300S	8.10	8.98	40.0	70	12.3	8.0	1.2	.58	.14	.2	27	15
BB 1200 400N	32.12	20.19	65.2	35	28.8	10.1	5.0	1.71	.29	.1	18	15
BB 1200 300N	19.47	15.91	48.5	153	17.1	9.4	1.4	.87	.23	.1	25	15
BB 1200 200N	19.12	9.96	50.6	46	18.6	9.4	4.4	.80	.15	.3	39	15
BB 1200 100N	19.03	13.11	51.1	108	16.8	8.7	1.9	.39	.25	.3	60	15
BB 1200 000N	9.03	9.40	37.8	52	10.8	5.1	.4	.22	.15	.3	32	15
RE BB 1200 000N	8.86	9.92	38.5	54	10.0	4.8	8.0	.26	.16	.3	33	15
BB 1200 200S	34.49	21.15	73.5	117	28.7	8.8	2.9	.48	.29	.1	59	15
BB 1200 300S	24.76	17.40	62.9	34	18.4	9.6	2.9	.51	.29	.1	28	15
BB 1200 400S	15.09	8.18	48.4	66	15.7	7.0	1.1	.58	.13	.1	39	15
BB 1350 400N	20.16	14.39	58.2	109	18.6	10.6	24.5	.77	.22	.2	26	15
BB 1350 300N	21.74	13.77	52.1	58	19.6	9.0	2.9	.79	.22	.2	24	15
BB 1350 200N	24.22	15.49	58.5	119	21.4	10.4	1.1	.60	.27	.1	17	15
BB 1350 100N	38.62	26.43	88.5	38	32.1	11.4	1.4	3.01	.40	<.1	25	15
BB 1350 000N	57.26	52.15	119.6	161	56.7	12.6	4.1	8.13	.50	<.1	36	15
BB 1350 100S	31.47	19.08	78.3	119	28.1	9.2	1.8	.58	.30	.2	36	15
STANDARD DS3	123.50	32.80	153.9	281	35.6	31.5	18.7	5.55	5.60	3.9	215	15

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



SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	As ppm	Au ppb	Sb ppm	Bi ppm	W ppm	Hg ppb	Sample gm
G-1	3.61	3.29	47.1	20	4.5	1.0	<.2	.05	.16	1.9	9	1.5
BB 1350 200S	36.37	28.17	80.2	51	36.6	12.3	5.4	.64	.33	.1	28	1.5
BB 1350 300S	26.34	12.47	62.5	50	21.4	8.8	1.7	.55	.23	.1	31	1.5
BB 1350 400S	16.67	7.66	45.5	34	16.0	7.3	5.4	.55	.15	.2	31	1.5
HP 600W 400N	17.21	15.55	50.6	87	16.2	9.1	1.7	.56	.23	.2	19	1.5
HP 600W 300N	11.67	13.95	50.2	77	13.9	7.2	1.2	.49	.22	.3	45	1.5
HP 600W 200N	11.42	13.12	50.4	82	14.5	7.7	.8	.46	.21	.3	52	1.5
HP 600W 100N	16.25	15.04	67.2	131	19.7	10.6	1.8	.56	.27	.3	52	1.5
HP 600W 000N	18.80	11.60	67.4	77	19.7	9.0	4.1	.71	.24	.3	29	1.5
HP 500W 400N	19.71	13.14	54.5	51	17.1	7.8	.4	.46	.26	<.1	19	1.5
HP 500W 300N	57.84	29.78	107.1	28	41.2	13.3	1.7	1.05	.51	<.1	14	1.5
HP 500W 200N	15.12	22.10	57.3	99	14.7	7.0	1.1	.66	.28	.1	36	1.5
HP 500W 100N	10.99	11.15	52.9	139	13.7	6.8	3.1	.45	.22	.1	66	1.5
HP 500W 000N	23.80	13.20	71.5	147	20.8	10.2	4.7	.75	.25	.2	54	1.5
HP 400W 400N	27.13	16.77	66.4	58	21.5	8.6	4.5	.62	.24	<.1	22	1.5
HP 400W 300N	19.47	14.31	73.6	82	21.8	6.7	1.8	.52	.21	.2	39	1.5
HP 400W 200N	23.38	19.86	69.9	61	20.1	6.8	.6	.42	.27	.1	24	1.5
HP 400W 100N	11.13	18.06	50.5	143	13.2	5.1	1.3	.25	.25	.1	74	1.5
HP 400W 000N	11.32	14.67	48.2	165	14.1	5.9	1.2	.44	.26	.2	73	1.5
RE HP 400W 000N	11.63	13.98	46.0	157	12.9	5.9	2.2	.40	.24	.2	59	1.5
HP 300W 400N	18.12	15.28	48.1	90	16.5	9.3	1.2	.50	.25	.1	18	1.5
HP 300W 300N	22.13	16.07	54.0	114	17.1	8.8	.4	.55	.26	.1	14	1.5
HP 300W 200N	26.94	26.18	69.9	35	24.0	8.4	.7	.44	.31	.1	30	1.5
HP 300W 100N	34.45	19.19	75.2	79	30.9	9.7	2.3	.49	.31	.2	25	1.5
HP 300W 000N	13.26	14.90	40.0	154	8.8	6.7	1.1	.39	.25	.1	51	1.5
HP 200W 400N	20.17	12.91	50.5	70	17.8	9.0	2.0	.58	.25	.1	26	1.5
HP 200W 300N	24.98	14.77	48.3	40	19.7	8.6	1.3	.67	.26	.1	15	1.5
HP 200W 200N	21.13	18.97	59.6	151	18.2	6.8	3.1	.33	.26	<.1	43	1.5
HP 200W 100N	29.52	21.46	71.2	66	21.8	9.6	1.7	.41	.35	.1	13	1.5
HP 200W 000N	30.11	27.75	82.5	82	27.1	10.9	1.1	.59	.36	.2	32	1.5
HP 100W 400N	13.58	12.62	40.8	289	13.1	5.6	<.2	.54	.25	.1	25	1.5
HP 100W 300N	29.94	16.63	61.7	41	22.8	9.5	2.7	1.02	.25	.1	12	1.5
HP 100W 200N	30.66	21.20	71.2	32	24.1	8.5	1.1	2.07	.35	.1	12	1.5
HP 100W 100N	40.40	24.14	92.7	85	32.0	8.9	3.3	2.23	.39	<.1	24	1.5
HP 100W 000N	55.11	34.66	117.5	158	42.0	6.5	2.6	3.09	.54	<.1	39	1.5
STANDARD DS3	126.20	31.34	153.7	275	37.0	31.6	19.7	5.41	5.93	3.5	228	1.5

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

APPENDIX 2

SCHEDULE OF EXPLORATION EXPENSES

SCHEDULE OF EXPLORATION EXPENSES

1) 2002 Soil Sampling Program

A: R.F. McIntyre, Geologist,

(i) Prep & Planning, May 2002	1 day	
(ii) Field	0 "	
(iii) Report, August 2002	<u>1 "</u>	
Total	2 days @ \$535/day	\$1,070.00

B: Sampling, Shawn Ryan, June 24-30, 2002

(i) Field	1.5 days @ \$374.50	\$551.75
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D: Analytical: Acme Analytical Laboratories Ltd.

35 soil samples @ \$17.87(Includes Prep, Analysis, Taxes)		\$625.42
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E: Miscellaneous Costs

(i) Report Costs	40.18	
(ii) Telephone	20.00	
(iii) Sample Freight	46.25	
Total Miscellaneous	\$106.43	\$106.43

TOTAL 2002 SOIL SAMPLING PROGRAM **\$2,363.35**

Total representation work per claim: **\$2,363.35 ÷ 6** **\$393.89**