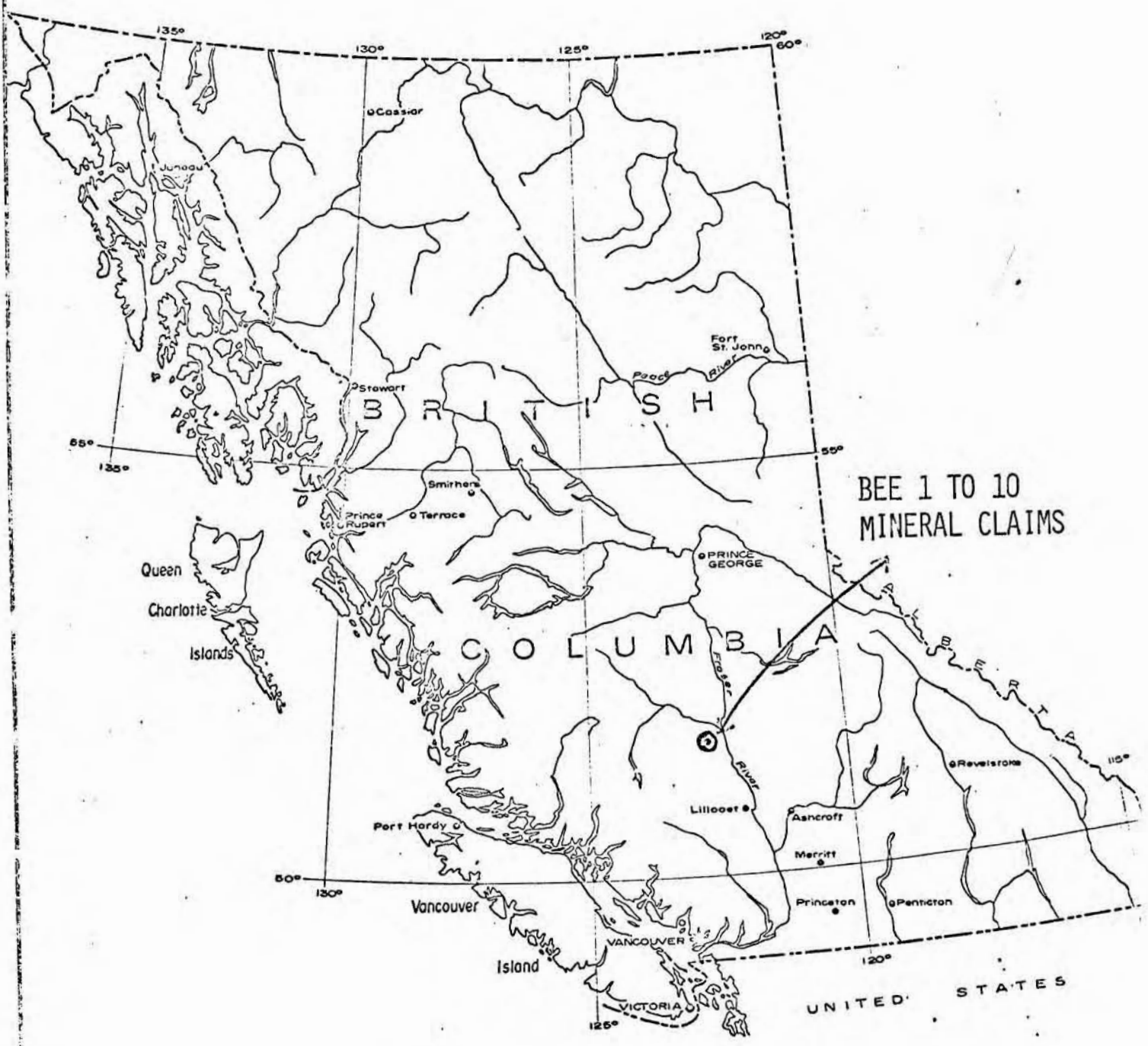
5761

GEOLOGICAL REPORT BEE
ON THE ~~BEE~~ CLAIM GROUP 92J/15E, 15W
SITUATED
IN
LILLOOET MINING DIVISION

#5761

Sankar V. Ramani M.Sc., P.Eng., Consulting Geological Engineer



BEE 1 TO 10
MINERAL CLAIMS

Department of
es and Petroleum Resources
ASSESSMENT REPORT

NO. 5761 MAP 1

August 15, 1975

INTRODUCTION

Subsequent to the property examination and reporting in the Summer of 1970, a magnetometer survey, trenching and sampling have been carried out in the Summer of this year, on the Bee 1 to 20 mineral claims. These claims are situated in the Bridge River area, Lillooet Mining Division, British Columbia. The survey was carried out by Soundram Engineering Ltd. and the results are discussed in this report.

The property was re-staked in the month of October 1974 as Bee 1 to 20 mineral claims. These claims were previously known as A 1 to 10. The present owners of these claims are:

Mrs. Unger,
1906-2055 Pendrell Street,
Vancouver,
B.C.

Mrs. M. Holmes,
1801-2055 Pendrell Street,
Vancouver 5,
B.C.

Miss L. Howard,
1549 Maple Street,
Vancouver,
B.C.

...2

PROPERTY

The property consists of 10 contiguously located mineral claims situated in the Bridge River area east of the village of Gold Bridge, British Columbia.

These claims are identified as follows:

Bee # 1 to 10 Record # 37275 - 37284

They are situated in the Lillooet Mining Division.

LOCATION AND ACCESS

The claims were located at an elevation of about 8000 feet and approximately ten miles due east of Gold Bridge, British Columbia. The claims are staked at the head of the Steep Creek which runs into the Carpenter Lake. At present, the access to the property is by helicopter, either from Lillooet or from Pemberton, British Columbia. A flying time of one half hour was involved from Pemberton to the property. There is a trail from Gold Bridge to the property, but at the present time, the trail is accessible only by foot. It has to be rehabilitated to facilitate any vehicular traffic.

TOPOGRAPHY

The claims are situated approximately at an altitude of

...3

8000 feet above sea level. The area is rugged with some flat valleys and steep mountains. The property is situated well above the tree line, hence, the claims are devoid of any vegetation.

GEOLOGY OF THE PROPERTY

The rocks of Pennsylvanian-Permian age occupy most of the area in the vicinity of Gold Bridge. In places, this rock type is overlain by lower cretaceous rocks and Tertiary volcanics.

The Bridge River series is composed of metamorphosed sedimentary formations with interbedded volcanic rocks. The chief sedimentary member of the series is a bluish grey chert which is much contorted in places. The chert grades into a cherty quartzite, traversed by small branching veinlets of white quartz generally normal to the bedding plane, and locally known as "crowfoot" quartzite. The cherty beds occur in bands one-half inch or more thick, and often form great thicknesses of strata. Each narrow band is separated from the next by thin layers of argillite, which give to the bedding planes a lustrous black or reddish colour. The cherty quartzites are very fine-grained like hornstone or chert, and are usually grey but range in colour from black to nearly

...4

white. They rapidly disintegrate on exposure and form large talus slopes rather than prominent outcrops.

The argillite members are composed of thin-bedded, dark argillaceous strata, highly siliceous in places, with a tendency to pass into chert. They are commonly schistose and in places show slaty cleavage. The series also includes a red-weathering arenaceous member well exposed on the northern slopes of Bendor mountains. In all probability it represents the beds near the top of the series. A series of crystalline limestone lenses, with a general east-west trend, occasionally form bold whitish outcrops throughout the whole area underlain by the Bridge River series. In colour, this limestone varies from dark grey to bluish grey and white. In places it is highly siliceous.

The volcanic rocks included in the series consist almost entirely of dense, compact, black altered basalts, which in places display pronounced pillow structure. They are often altered almost beyond recognition, and, upon exposure to weathering, rapidly disintegrate into talus slopes of crumbling greenstone. The basalt grades into light green to dark green, or almost black varieties of andesite, which can be distinguished from the basalts only by the aid of the microscope. In certain localities they are altered to

...5

chloritic schists and serpentine. The altered basalt outcrops present a dull appearance. Calcite occurs in irregular veinlet throughout the sheared mass, and in vesicles in the amygdaloidal varieties. The essential minerals of the lava, prior to metamorphism, were plagioclase, feldspar, pyroxene, hornblende, and possibly olivine, but the rock now consists of an aggregate of calcite, kaolin, chlorite, serpentine, sericite, zoisite, and iron oxides with only traces of the original minerals.

MINERALIZATION

Mineralization consisting of arsenopyrite, pyrite and some chalcopyrite was noticed in several places within this property. On the south side of the Steep Creek an outcrop consisting of massive arsenopyrite was noticed. The chip samples within a trench exposing pyrite and arsenopyrite assayed 0.35 and 0.03 oz gold per ton. Sampling carried out in 1970, on this property assayed as follows:

Assay	Gold	Silver	Copper	Cobalt	Remarks
8751A	0.56 oz/ton	1.4 oz/ton	0.01%	0.155%	Outcrop about 18" wide
8752A	Trace	Trace	Trace	Trace	Float
8753A	Trace	Trace	0.01%	Trace	Float
8754A	0.01 oz/ton	Trace	0.02%	0.005%	Float

...6

Earlier, Mr. D. C. Ault has carried out extensive prospecting on this property and the samples obtained from several trenches assayed anywhere from 0.10 to several ounces of gold per ton. Copies of the assay certificate are enclosed herewith for information purposes only.

Unfortunately the exact locations of these samples are not known and a thorough investigation is necessary.

MAGNETOMETER SURVEY

Vertical component magnetic field intensities were recorded at 100 foot intervals along a grid consisting of one base line and 6 cross lines ranging in length from 1600 feet to 4400 feet and spaced 400 feet apart. The lines were oriented Northeast - Southwest. A Scintrex MF -1 fluxgate magnetometer was employed to survey these lines.

The magnetic survey data has been contoured with 100 gamma contour interval. The base map scale is 1" = 200 feet. The magnetic grain is seen to be predominantly Northwest Southeast.

The total magnetic relief is about 420 gamma. The magnetically most active area is around 24W and from L6N onwards. Narrow sharp peaks, some reaching 400 gammas are common over this area. There appears to be a steeply dipping dike-like body of slightly higher magnetic susceptibility than the surrounding rocks. The possibilities of mineralization such as pyrite

...7

and arsenopyrite have to checked out in this area.

CONCLUSION AND RECOMMENDATIONS

The geology and structure on this property are favourable to host mineralization of economic interest. The Bridge River area is known for gold deposits. The Bralorne Mine, which was one of the gold producers in British Columbia is situated very close to this property. There are other gold showing in this general area. Detailed prospecting along the magnetometer anomalous area is recommended.

A systematic geological mapping, trenching and sampling have to be carried out on this property. Also an induced polarization survey is recommended to outline the areas of sulphide mineralization (pyrite and arsenopyrite).

This phase of the programme would approximately cost 15,000.

Respectfully Submitted

Sankar V. Ramani, M.Sc., P.Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
S. VENKATARAMANI

CERTIFICATE

I, Sankar V. Ramani, of Vancouver, British Columbia, do certify that:

1. I am a consulting geologist with my office located at 145-890 West Pender Street, Vancouver, B.C.

2. I am a graduate geologist with a Master of Science degree from the University of Madras, India.

3. I am a member of the Association of Professional Engineers of British Columbia.

4. I am a certified professional geologist belonging to the American Institute of Professional Geologists, Golden, Colorado, U.S.A.

5. I am a member of the Canadian Institute of Mining and Metallurgy.

6. I have been practising my profession for over twelve years.

7. I have no direct or indirect interest, nor do I expect to receive any interest, directly or indirectly, in these property.

8. This report is based upon previous reports and personal property examination, the published geological literature.

S. V. Ramani

Sankar V. Ramani, M.Sc., P.Eng.
Consulting Geologist

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
S. VENKATARAMANI

Vancouver, B.C.


RESERVE MIN. & PLACER
BELOW 6000' CONTOUR
SUBJECT TO CONDITIONS
%2070 10. SEP. 59
%1176 17. MAY 60
%1864 9. AUG. 60
(2140)
Lajoie
McDonald Cr.
Sloan Cr.
Lindsay Cr.
Bee Hive
Girl Cr.
Truax
Ferguson Cr.
Nomad Cr.
Carl Cr.
Gold Ridge
Sucker Lake
McDonald
Preston
Lindsay
Pioneer
Gwyneth
ZOLA
MT. TRUAX
FERGUSSON
5761
M-2

Kamloops Research & Assay Laboratory Ltd.
WEST TRANS CANADA HIGHWAY – BOX 946 – KAMLOOPS, B.C. V2C 5N4

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS

CERTIFICATE OF ASSAY

TO Mr. V. Baulger,
897 Lethbridge Ave.,
Kamloops, B. C.

Certificate No. K-539
Date Oct. 23, 1974.

I hereby certify that the following are the results of assays made by us upon the herein described fines & rock samples

Kral No.	Marked	GOLD	SILVER							
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
K-539-1	# Jar	.35								
2	Rock	.03								

NOTE:
Rejects retained three weeks
Pulps retained three months
unless otherwise arranged.

R. V. Saunders
Registered Assayer, Province of British Columbia

OFFICE OF THE CHIEF ANALYST AND ASSAYER. COPY.

DEPARTMENT OF MINES
VICTORIA, B. C.

SAMPLE RECEIVED FROM MR. D. C. AULT
BRALORNE, B. C.

LABORATORY NUMBER.	SUBMITTER'S MARK	LABORATORY REPORT.
461	20445	A spectrochemical analysis for all the base metals was made. Lead, arsenic and fractions of one percent of zinc, cobalt and bismuth were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.70 oz. per ton Silver 2.2 oz per ton Lead 0.6% Cobalt 0.19% Zinc 0.6% The degree of radioactivity was found to be no greater than that occurring normally in rocks.
462	20446	A spectrochemical analysis for all the base metals was made. Traces of copper, lead and bismuth were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.51 oz. per ton Silver trace The degree of radioactivity was found to be no greater than that occurring normally in rocks.
463	20447	A spectrochemical analysis for all the base metals was made. Lead, arsenic, and fractions of one percent of antimony, bismuth, and cobalt were found; the other metals found, and their percentages, were those occurring normally in rocks Assays: Gold 1.42 oz. per ton Silver 3.4 oz. per ton Lead 0.6% Cobalt 0.31% The degree of radioactivity was found to be no greater than that occurring normally in rocks.
341	4318	A spectrochemical analysis for all the base metals was made. A low percentage of arsenic was found, and a trace of bismuth; the other metals found, and their percentages, were those occurring normally in rocks. ASSAYS: Gold 0.10 oz. per ton Silver 0.8 oz. per ton A test for radioactivity was made, and none was detected.

COPY.

OFFICE OF THE CHIEF ANALYST AND ASSAYER.

DEPARTMENT OF MINES
VICTORIA, B. C.

SAMPLE RECEIVED FROM MR. D. C. AULT
BRALORNE, B. C.

LABORATORY NUMBER.	SUBMITTER'S MARK.	LABORATORY REPORT.
342	4319	A spectrochemical analysis for all the base metals was made. A fairly high percentage of arsenic, fractions of one percent of lead, cobalt and bismuth, and a trace of antimony were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 1.24 oz. per ton Silver 1.3 oz. per ton Cobalt 0.14% The degree of radioactivity was found to be no greater than that occurring normally in rocks.
343	4320	A spectrochemical analysis for all the base metals was made. Lead, cobalt, arsenic, bismuth, and small fractions of one percent of nickel and antimony were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 5.27 oz. per ton Silver 19.9 oz. per ton Lead 1.8% Cobalt 0.66% Bismuth 0.7% A test for radioactivity was made, and none was detected

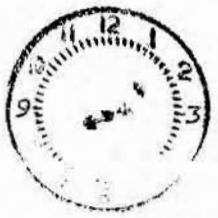
Date 5th October, 1953
/as

(Signed) G. L. B. Cave
Chief Analyst and Assayer.

SOUNDRAM ENGINEERING LTD.
145 - 890 West Pender Street
Vancouver, B.c.
Telephone (604)688-5322

APR - 2 '76 PM

March 31, 1976



MINES & PETROLEUM RESOURCES

Department of Mines & Petroleum Resources
Parliament Buildings
Victoria, B.C.
V8V 1X4

Attention: Mr. E.J. Bowles, Chief Gold Commissioner

3811

Dear Sirs:

Please find enclosed herewith a copy of Ground Magnetometer Survey Map with the claim location of BEE Mineral Claims marked on same.

With respect to the itemized cost statement as per Section 8, and further to your letter of February 24, 1976, Soundram Engineering Ltd. took the contract on the mileage basis, however I will attempt to break down the costs as follows:

Okanagan Helicopters	$ 485.00
Vern Paulger & his helper	$ 485.00
magnetometer rental	$ 85.00
camp equipment & related costs	$ 225.00
engineering supervision (2 d.)	$ 300.00
ground transportation	$ 215.00
geological report	$ 300.00
	$2,095.00

I trust this information meets with your requirements.

Yours very truly,

SOUNDRAM ENGINEERING LTD.

Per: Sankar V. Ramani

SVR:dmn
Encl.(1)

FILING CLERK	FILE NO.					EC. & P.	M. REV.	INSP.	GEOL.	ACCTS.	G.C.	ACPR	DCGS	C.P.R.	C.G.C.	ADM (P)	ADM (M)	D.M.	REFERRED TO	DATE	INITIAL

OFFICE OF THE CHIEF ANALYST AND ASSAYER

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
VICTORIA

SAMPLE RECEIVED FROM Mr. D. C. Ault

ADDRESS Bralorne, B. C.

LABORATORY No.	SUBMITTER'S MARK.	LABORATORY REPORT.
7374	24518	Mineralogical Determination:
West of Bre Tunnel		Weathered vein rock with arsenopyrite.
		Spectrochemical Analysis:
		A complete analysis for the base metals showed none of present economic value. A small fraction of 1% lead is present.
		Assays: Gold oz. per ton 0.11 — Silver oz. per ton 0.4
7375	24519	Mineralogical Determination:
No- 4 Open Cut		Quartz with arsenopyrite.
		Spectrochemical Analysis:
		A complete analysis for the base metals showed none of present economic value. A small fraction of 1% copper is present.
		Assays: Gold oz. per ton 0.10 — Silver oz. per ton 1.5

DATE August 24, 1951

Jan H. Williams
Acting CHIEF ANALYST AND ASSAYER.

M-750-8656 (2)

OFFICE OF THE CHIEF ANALYST AND ASSAYER

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
VICTORIA

SAMPLE RECEIVED FROM Mr. D. C. Ault

ADDRESS Bralorne, B. C.

LABORATORY No.	SUBMITTER'S MARK.	LABORATORY REPORT.
7376	24520	Mineralogical Determination: Rusty quartz. Spectrochemical Analysis: A complete analysis for the base metals showed none of present economic value. Assays: Gold nil; Silver nil
7377	20280	Mineralogical Determination: Weathered basic rock. Spectrochemical Analysis: A complete analysis for the base metals showed none of present economic value. Assays: Gold oz. per ton 0.45; Silver oz. per ton 0.3

No 3
Open Cut
Quartz

No-2
Open Cut

DATE August 24, 1951

Jas H. Williams
Acting CHIEF ANALYST AND ASSAYER.

M-750-9656 (2)

OFFICE OF THE CHIEF ANALYST AND ASSAYER

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
VICTORIA

SAMPLE RECEIVED FROM Mr. D. C. Ault,

ADDRESS Bralorne, B. C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
341	4318	A spectrochemical analysis for all the base metals was made. A low percentage of arsenic was found, and a trace of bismuth; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.10 oz. per ton Silver 0.8 oz. per ton A test for radioactivity was made, and none was detected.
342	4319 X	A spectrochemical analysis for all the base metals was made. A fairly high percentage of arsenic, fractions of one percent of lead, cobalt, and bismuth, and a trace of antimony were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 1.24 oz. per ton Silver 1.3 oz. per ton Cobalt 0.14% The degree of radioactivity was found to be no greater than that occurring normally in rocks.
343	4320	A spectrochemical analysis for all the base metals was made. Lead, cobalt, arsenic, bismuth, and small fractions of one percent of nickel and antimony were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 5.27 oz. per ton Silver 19.9 oz. per ton Lead 1.8%

DATE 5th October, 1953

/as

G. L. B. Cave

CHIEF ANALYST AND ASSAYER.

OFFICE OF THE CHIEF ANALYST AND ASSAYER

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
VICTORIA

SAMPLE RECEIVED FROM Mr. D. C. Ault,

ADDRESS Pralorne, B. C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
343	4320 cont'd.	Assays: (cont'd.) Cobalt 0.66% Bismuth 0.7 % A test for radioactivity was made, and none was detected.

DATE 5th October, 1953
/as

G. C. B. Cave
CHIEF ANALYST AND ASSAYER.

EM-188-9181

OFFICE OF THE CHIEF ANALYST AND ASSAYER

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
VICTORIA

SAMPLE RECEIVED FROM Mr. D.C. Ault,

ADDRESS Bralorne, B.C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
461	20445 X	A spectrochemical analysis for all the base metals was made. Lead, arsenic, and fractions of one percent of zinc, cobalt, and bismuth were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.70 oz. per ton Silver 2.2 oz. per ton Lead 0.6% Cobalt 0.19% Zinc 0.6% The degree of radioactivity was found to be no greater than that occurring normally in rocks.
462	20446	A spectrochemical analysis for all the base metals was made. Traces of copper, lead, and bismuth were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.51 oz. per ton Silver trace The degree of radioactivity was found to be no greater than that occurring normally in rocks.
463	20447	A spectrochemical analysis for all the base metals was made. Lead, arsenic, and fractions of one percent of antimony, bismuth, and cobalt were found; the other metals found, and their percentages, were those occurring normally in rocks.

DATE 28th October, 1953

/as

G.B. Cave

CHIEF ANALYST AND ASSAYER.

M-153-8181

OFFICE OF THE CHIEF ANALYST AND ASSAYER

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
VICTORIA

SAMPLE RECEIVED FROM Mr. D. C. Ault,

ADDRESS Bralorne, B.C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
463	cont'd.	Assays: Gold 1.42 oz. per ton Silver 3.4 oz. per ton Lead 0.6% Cobalt 0.31% The degree of radioactivity was found to be no greater than that occurring normally in rocks.

DATE 28th October, 1953
/as

G L B Cave

CHIEF ANALYST AND ASSAYER.

M-153-0101

OFFICE OF THE CHIEF ANALYST AND ASSAYER

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
VICTORIA

SAMPLE RECEIVED FROM Mr. D. C. Ault,

ADDRESS Bralorne, B.C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
1688	7795	A spectrochemical analysis for all the base metals was made. A high percentage of arsenic, fractions of one per cent of lead, bismuth, and cobalt, less than 0.1% of nickel, and a trace of antimony were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 2.04 oz. per ton Silver 3.5 oz. per ton A test for radioactivity was made, and none was detected.
1689	7796	A spectrochemical analysis for all the base metals was made. Arsenic, and traces of bismuth and antimony were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.05 oz. per ton Silver 0.3 oz. per ton A test for radioactivity was made, and none was detected.
1690	7797	A spectrochemical analysis for all the base metals was made. Arsenic, and traces of bismuth and antimony were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.08 oz. per ton Silver 0.8 oz. per ton A test for radioactivity was made, and none was detected

DATE August 24, 1954.

G. H. B. Cave

CHIEF ANALYST AND ASSAYER.

M-159-9161

OFFICE OF THE CHIEF ANALYST AND ASSAYER

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
VICTORIA

SAMPLE RECEIVED FROM Mr. D. C. Ault,

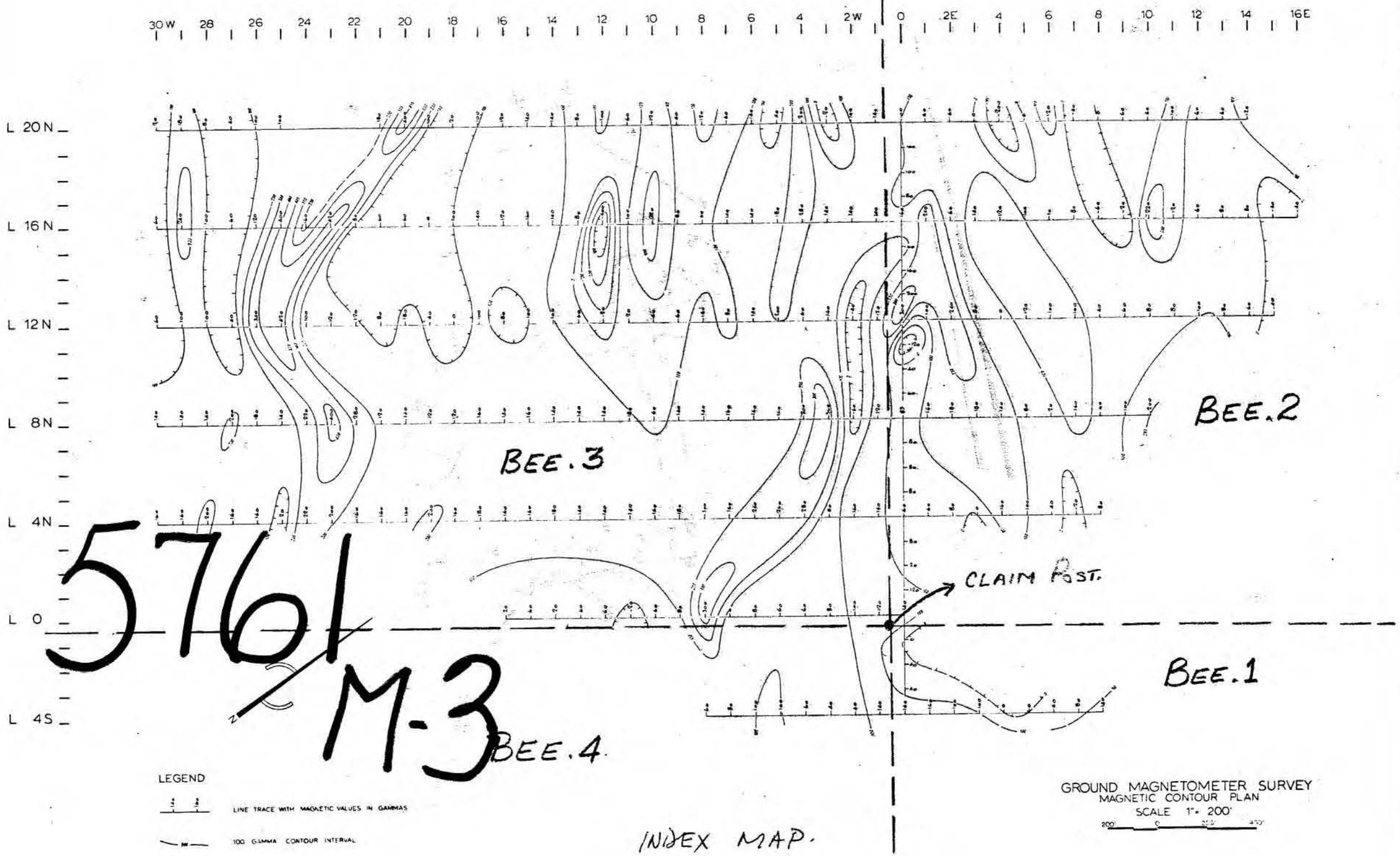
ADDRESS Bralorne, B.C.

LABORATORY No.	SUBMITTER'S MARK	LABORATORY REPORT
1945	7798	A spectrochemical analysis for all the base metals was made. Arsenic, and small fractions of one per cent of lead, copper, nickel, and cobalt, a fraction of one per cent of bismuth, and a trace of antimony were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.80 oz. per ton Silver 0.9 oz. per ton The degree of radioactivity was found to be no greater than that occurring normally in rocks.
1946	7799	A spectrochemical analysis for all the base metals was made. Less than 0.1 per cent of nickel and a trace of bismuth were found; the other metals found, and their percentages, were those occurring normally in rocks. Assays: Gold 0.04 oz. per ton Silver nil The degree of radioactivity was found to be no greater than that occurring normally in rocks.

DATE September 30, 1954.

G. B. Cave

CHIEF ANALYST AND ASSAYER.


30 W
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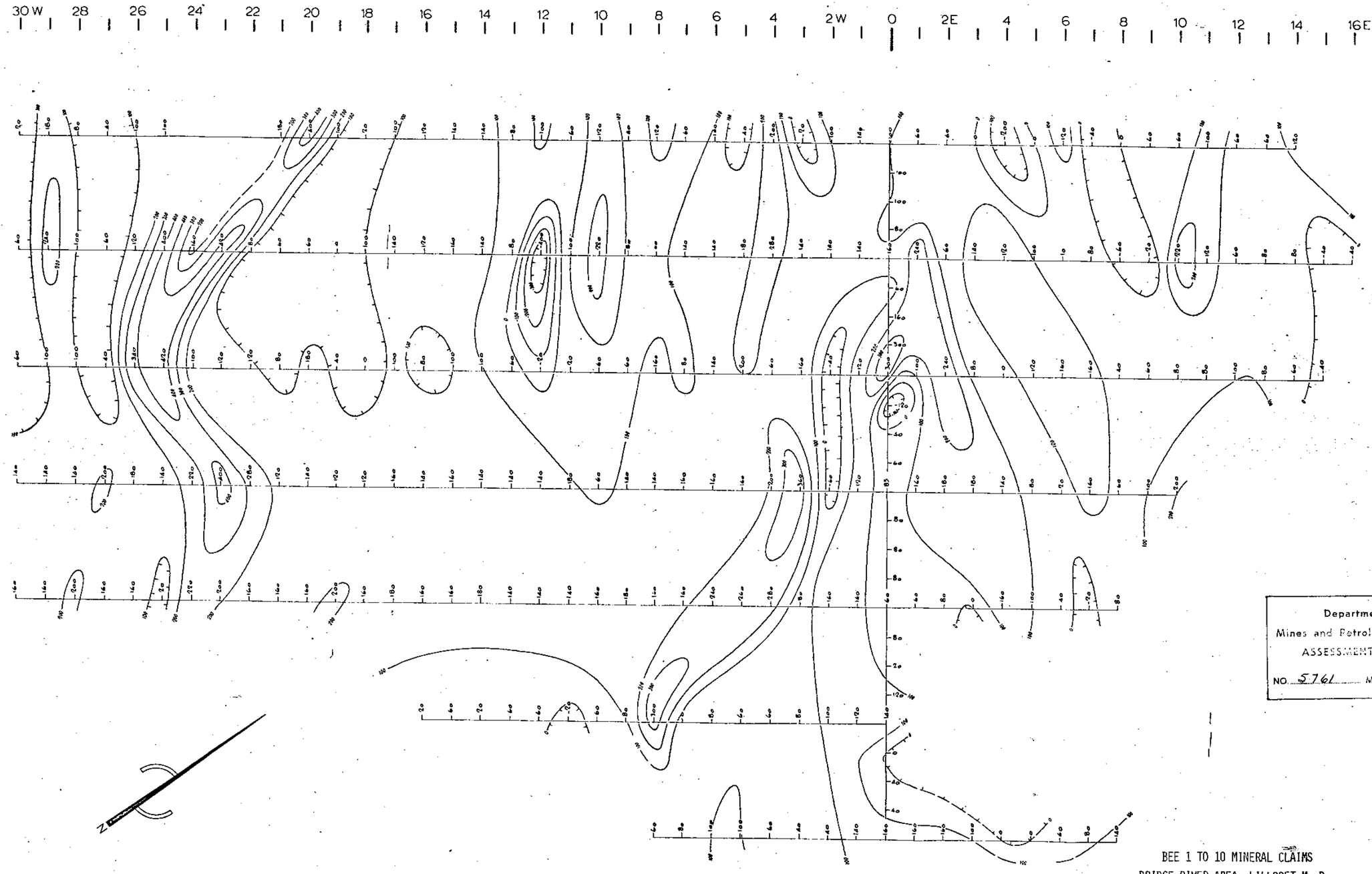
L 12 N
L 8 N
L 4 N
L 0
L 4S
BEE.2
BEE.3
CLAIM POST.
BEE.1
BEE.4
LEGEND
LINE TRACE WITH MAGNETIC VALUES IN GAMMAS
100 GAMMA CONTOUR INTERVAL
INDEX MAP.
GROUND MAGNETOMETER SURVEY
MAGNETIC CONTOUR PLAN
SCALE 1" = 200'
200'
0
200'
400'

5761

M-3



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5761 MAP 4

LEGEND

LINE TRACE WITH MAGNETIC VALUES IN GAMMAS

100 GAMMA CONTOUR INTERVAL

BEE 1 TO 10 MINERAL CLAIMS
BRIDGE RIVER AREA, LILLOOET M. D.
BRITISH COLUMBIA

GROUND MAGNETOMETER SURVEY
MAGNETIC CONTOUR PLAN
SCALE 1" = 200'

200' 0 200' 400'