

LOG NO: 0219	RD.
ACTION:	
FILE NO:	

ASSESSMENT REPORT  
ON  
GEOLOGICAL, AND GEOCHEMICAL SURVEYS  
PERFORMED BY  
GOLDEN BEE MINERALS INC.  
ON THE  
GB 2 CLAIM GROUP  
ATLIN MINING DISTRICT  
NTS 104M/9E - 104M/8E

LATITUDE - 59 DEGREES 30' 00" N

LONGITUDE - 134 DEGREES 09' 00" W

CLAIMS OWNED BY GOLDEN BEE MINERALS INC.

OPERATOR: GOLDEN BEE MINERALS INC.

AUTHOR OF REPORT: GARY R. THOMPSON

DATE: FEBRUARY 15, 1990

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## INTRODUCTION

In July of 1989 a reconnaissance exploration program was carried out on the GB 2 claim group, located 30 km west of the town of Atlin, B.C. The claims were acquired by staking in February of 1989. Situated in the mountainous region of the western most margin of the intermontane geological tectonic boundary of the Canadian Cordillera, the claims are underlain by Jurassic Laberge Group sediments. The property is accessible by water or air from Atlin. The Geological Survey of Canada has produced Regional Geological Mapping, and the Geological Survey Branch of the Ministry of Energy, Mines, and Petroleum Resources will have updated regional information to be released in February, 1990. The property is held by Golden Bee Minerals Inc., of Kamloops, B.C. (also the operator)

The exploration program carried out on the GB 2 group was conducted to determine if concentrations of metallic minerals could be found here. 60 soil samples, 18 rock samples, and 1 silt sample were taken and assayed at Northern Analytical Laboratories in Whitehorse, Yukon. 44 man days were spent on the property. Grid installation, sampling, traversing, and 1:1000 scale geological mapping was performed in July 1989. See Appendix IV.

These Claims cover wide spread epithermal to hydrothermal gold-silver mineralization. Two new zones have been discovered for further development.



FIG. No. 1

## REGIONAL LOCATION MAP

GB2 MINERAL CLAIM GROUP  
 ATLIN MINING DISTRICT  
 BRITISH COLUMBIA

The first priority is the Gleaner Mountain area, a massive sulphide contact zone here returned values from grab sample 891-5R03 of: 3257 ppb Au, 58.9 ppm Ag, 949 ppm Cu, 9860 ppm Pb, 2028 ppm Zn, 80500 ppm As, and 580 ppm Sb.

Of secondary interest is the Bee Peak area. Soil sampling south of Bee Peak returned interesting values from sample 891-1R04 - 19% Pb, 117 ppb Au, 7960 ppm As, and 44.6 ppm Ag., 891-4503 -8990 ppm Pb, 2350 ppm Zn, 15.7 ppm Ag, 119 ppm Cu, 39 ppb Au, and 40 ppm As. The elevated values are noteworthy.

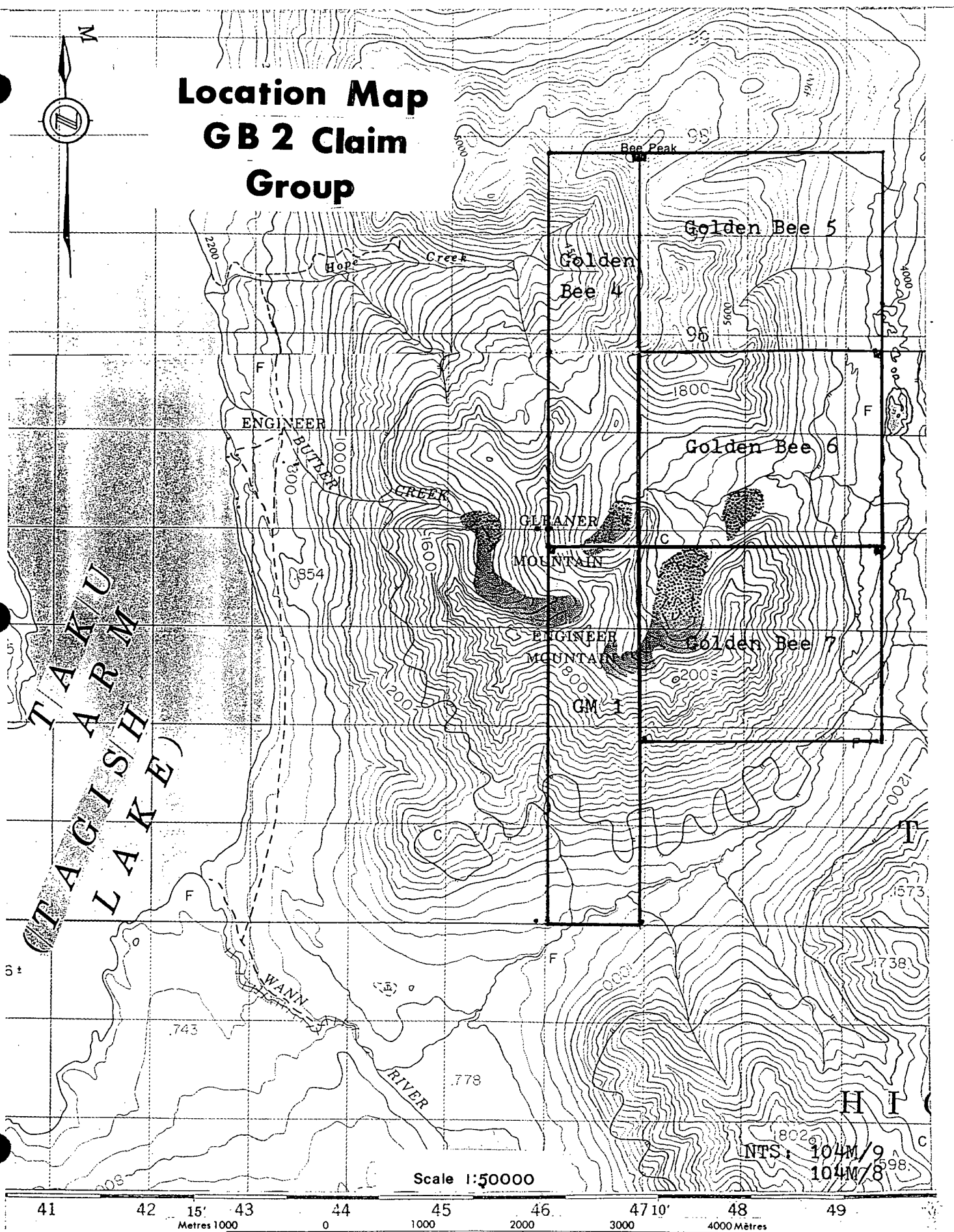
The above noted work was conducted on the GB 2 claim group consisting of Golden Bee 4, 5, 6, 7, and GM 1 for a total of 92 claim units. The record numbers for these listed claims are 3594, 3548, 3549, 3550, and 3640 respectively.

#### LOCATION AND ACCESS

The GB 2 claim group is located in northwestern B.C. (NTS 104M/9E, 104M/8E) on the east side of Taku Arm (Tagish Lake), the centre of the group is approximately 59 degrees 30' 00" North and 134 degrees 09' 00" West.

Access to camp was by water with a 16 foot Zodiac powered with a 25 horsepower outboard, from the village of Atlin B.C., some 30.5 air km. to the east (40.0 km by water). On a calm day this trip is achieved by water in approximately 1.75 hours, however the

# Location Map GB 2 Claim Group



Scale 1:50000

NTS: 104M/9  
104M/8



trip can take much longer depending on wave conditions on Atlin Lake, Graham Inlet and Taku Arm.

Access can also be gained by helicopter or float plane, both available in Atlin.

Many of the traverses began with a helicopter placing survey people near the start location.

#### CLAIM INFORMATION

The GB 2 claim group consists of five metric claim blocks; GM 1, Golden Bee 7, Golden Bee 5, Golden Bee 6, and Golden Bee 4. (Totalling 92 units.) The claims lie within the Atlin Mining Division. Claim ownership is shown in Figure # II. Golden Bee Minerals Inc. of Kamloops, B.C. is the owner. Mr. G.R. Thompson was the project operator.

#### PHYSIOGRAPHY, GLACIATION AND CLIMATE

Taku Arm acts as one of the main drainage channel for the district.

Two contrasting types of topography occur in the region; that on the Teslin Plateau (part of the larger physiographic region - the Yukon Plateau, and roughly comparable to the Intermontane geological province, and that of the Tagish Highlands (part of the



Boundary Ranges physiographic region, and given character by the Coast Plutonic Complex). The Teslin Plateau is an extensively dissected and eroded plateau. Topography consists of irregularly distributed, rounded hills with variable elevations (local area with flat-topped, uniform elevations). The valleys are wide, deep, steep-walled and typically U-shaped. The Tagish Highlands are rugged, consisting mainly of knife-like ridges, needle summits, and abruptly incised valleys, where considerable ice and snow are seen throughout the entire year.

During the Pleistocene epoch the Tagish Highlands became extensively glaciated, while the upland of the Teslin Plateau was affected to a lesser degree. Glacial processes and deposits have modified the terrain.

The rivers and creeks generally open in May, but on some lakes, ice remains until the first of June. Warm summer weather is experienced for about four months with June and July receiving almost continuous daylight. The mean daily temperature in July is no less than 14 degrees celsius. The month of July receives 10 to 13 days with measurable precipitation; mean annual precipitation is around 60 cm. In January the mean daily temperature is -15 degrees celsius with 14 to 17 days with measurable precipitation.

CLAIM TOPOGRAPHY AND VEGETATION

The claims lie within the Tagish Highlands. Topography is dominated by the deep U-shaped valley east of Engineer Mountain, and the ridges of Gleaner and Engineer Mountains. These claims are above tree line for the most part, making alpine vegetation most abundant. There is much exposed bedrock and numerous talus slopes.

The low-lying area of the claim group is covered by mature stands of balsam, spruce, pine, and shrubs of willow and alder. The mountain slopes are thickly covered by stunted balsam and spruce with local buckbrush and willow patches. Tree line is at approximately 1200 m., above which vegetation is less diverse, consisting of mosses, lichens, berries, alpine flowers, patches of buckbrush and an occasional stunted balsam.

HISTORY

Mining activity in the area dates back to 1898 as men made their way to the Atlin creeks. The past producing Engineer Mine is located approximately 4 km. west of the centre of the GB 2 group. Mining claims were first located over this deposit in 1899. Production was intermittent from 1913 to 1952 during which 17,150 tons of ore were milled. 18,058 ounces of gold and 8,950

ounces of silver were reported to be recovered. (See Minfile No. 104M 014 in Appendix III). The deposit is classified as consisting epithermal veins.

In 1933 work on the nearby Happy Sullivan gold-silver prospect consisted of a 10 ton bulk sample taken from Quartz. Material assayed 8.5 - 9.5 ounces per ton Au (1.5 km. west of the northwest corner of the GB 2 claim group). (See Minfile No. 104M 013 in Appendix III).

Golden Bee Minerals Inc. staked the Golden Bee 5, 7, and 6 claims in February, 1989. GM 1 and Golden Bee 4 were staked in July 1989.

#### REGIONAL GEOLOGY

The claims lie within the Intermontane belt near the boundary of the Coast Plutonic Complex. All main tectonic elements have northwest trending contacts, which are generally complex fault systems. To the west, the Llewellyn Fault, a long lived, deep seated system separates Carboniferous and Permian (and possibly older) schists and gneisses (Nisling Assemblage) to the east from upper Triassic Stuhini Group andesites and basalts. Also east of the fault are rhyolitic flows of uncertain age, and lower to middle Jurassic Laberge Group argillites, greywackes, and conglomerates.

The Laberge Group occurs as a northwest trending, 20 km. wide belt with parallel contacts complicated by intrusions or large deposits of Cretaceous to Tertiary volcanics. The Group is bounded to the east by the Nahlin Fault which separates it from Permian and Carboniferous age rocks of the Cache Creek Group (Atlin Terrane).

To the east the Nahlin Fault is for the most part a northeast-facing thrust, but in the area of Atlin Mountain, may be vertical. The Cache Creek Group, in the Atlin area, is comprised mainly of cherts and argillites (Kedahda Fm.), and basaltic andesite (Nakina Fm). Associated with basaltic andesites are irregular bodies of serpentized and carbonatized ultramafic rocks.

To the north, north of Graham Inlet, the contact between the Laberge Group and the Atlin Terrane is covered by Eocene Sloko Group volcanics. Large and small belts and patches of these young volcanics (felsic to mafic pyroclastics and lesser flows) occur in contact with all of the above mentioned older groups. Plugs of Tertiary leucogranite, probable feeders to the Sloko Group volcanics, commonly crop out near these volcanic patches.

#### CLAIM GEOLOGY

The GB 2 group of mineral claims is underlain by Jurassic Laberge Group sediments, mainly greywackes, argillites, shales, and

conglomerates. A body of leucocratic, vuggy, brown weathering granite intrudes these sediments at Bee Peak. There are also intermediate to felsic dykes and associated minor intrusives present. Bee Peak may be a center that feeds these volcanic accumulations.

Near Gleaner Mountain there are a wide range of grey, green to white rhyolitic and andesitic flows, breccia, and tuffs. These are of undetermined age, possibly Cretaceous differing remarkably to the structural elements of Bee Peak.

The claims lie 3 km. east of the complex north-south to northwest trending Llewellyn Fault system that separates the Intermontane and Coast Crystalline Complex tectonic belts. The general attitude of the bedding is north-south and dipping slightly to the east. In some cases the bedding is horizontal.

#### MINERALIZATION; ALTERATION

Large scale, bright orange-brown hornfels-pyrrhotite oxidation and alteration of the Inklin Strata within the claim group reflects hydrothermal activity. This volcanic system may be responsible for the wide spread gold, silver, and arsenic mineralization around Engineer Mountain, Gleaner Mountain, and Bee Peak. East of Gleaner Mountain concentrations of massive sulphides occur at contacts between rhyolitic flows and andesites. It is here that lead, zinc, gold, silver, copper, and arsenic mineralization occurs. Note the 8% arsenic value shown in the

assay result of sample 891-5R03. At a zone south of Bee Peak, Galena mineralization occurs, with anomalous Au and As values.

#### EXPLORATION WORK

A reconnaissance exploration program was carried out in July of 1989. The GB 2 claim group consists of 92 claim units in the Atlin Mining District. Forty-four man days of work were performed. The work included grid and soils, geological mapping, reconnaissance traverses and data compilation. A total of 60 soils, 18 rock samples, and 1 silt sample were taken and submitted to Northern Analytical Laboratories in Whitehorse, Yukon. For assay results see Appendix I.

#### DISCUSSION OF RESULTS

The Golden Bee 4, 5, and 6 claims cover approximately a 4 km. by 4 km. area of pyrrhotite hornfels, with oxidization orange-brown in color. The most abundant mineralization is pyrite and pyrrhotite ranging from 1 - 10%, throughout the claims. The altered Laberge group sediments trend north-south, dipping slightly to the east. Bee Peak represents a plug to the volcanic activity in this area. The boundary of this felsic intrusive has not yet been fully determined. Also, several dykes have been noted cross-cutting the sediments and intrusives on Bee Peak. See Appendix # IV. Sample 891-1R04, 1160 meters south of Bee Peak returned

values of 19% Pb, 117 ppb Au, 44.6 ppm Ag, and 7960 ppm As. Within the Felsic Intrusive, sample 4513-14, 100 - 150 meters north of 1R04 returns anomalous Au and As.

80 meters west of Bee Peak in a light orange brown recessive zone (grab sample 4R01 - 373 ppb Au and 1580 ppm As and soil sample 2S02, 61 ppb Au, 150 ppm Ag) was noted as a carbonate felsic dyke, grey to pink, small amounts of mariposite and 2% sulphides. This zone is approximately 4 meters wide trending north east.

However, the assay that has generated the most interest in sample number 891-5R03 - 3257 ppb Au, 58.9 ppm Ag, 949 ppm Cu, 9860 ppm Pb, 2028 ppm Zn, 80500 ppm As, and 580 ppm Sb. Sample number 5R04 returned values of 280 ppb Au, 5.8 ppm Ag, 93 ppm Cu, 812 ppm Pb, 227 ppm Zn, and 11,800 ppm As. These grab samples were taken approximately 6 km south of Bee Peak in an alteration contact zone between the andesite and banded, brecciated rhyolite flows of uncertain age. The zone was noted as being 1 meter wide, exposed 75 meters in length, trending north-south and dipping 50 degrees east.

The threshold selection for background values has been taken from Mr. Mitch Mihalyuk's Regional Programs, '88 British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Survey Branch NTS 104M/W and 10E, Lithogeochemical

Survey. Mihalyuk used a computer problem plot program from U.B.C. Assays greater than 60 ppb Au, and greater than 39 ppm As, are considered anomalous.

The mean and median for samples taken from the GB 2 group are as follows:

	<u>Mean</u>	<u>Median</u>
Au	32.4 ppb	29 ppb
Ag	3.78 ppm	1.8 ppm
Cu	57.1 ppm	40 ppm
Pb	190.4 ppm	44 ppm
Zn	210.5 pp	101 ppm
As	150.4 ppm	90 ppm
Sb	21.4 ppm	50 ppm

#### CONCLUSION & RECOMMENDATIONS

In conclusion, the program carried out did reveal encouraging results east of Gleaner Mountain and interesting values on Bee Peak. However, insufficient data was collected to determine the size of these anomalous zones. This property does warrant further development.

It is recommended that a base line and control grid be established. Bee Peak would be a good starting point for a base line running south approximately 10 km. With cross-lines at 200 meters running 2 km. east and 1 km. west. Lines should be tight



chained and slope corrected with stations at 50 meter intervals. In the area of the rhyolitic flows near Gleaner Mountain, there should be a more detailed control grid with 100 meter spaced lines and 25 meter stations. Detailed mapping of the discovery zone should also be performed. The program should include: prospecting, geological mapping, soil sampling, chip sampling, magnetometer, and VLF surveys.

GB 2 Claim Group

STATEMENT OF COSTS (1989)

Food and Accommodation . . . . .	\$ 1,532.25
Mob - Demob (gas, heli, boat) . . . . .	5,650.00
Communications . . . . .	517.00
Labour - 44 man days . . . . .	5,850.00
Survey Materials . . . . .	414.12
Rentals of Equipment . . . . .	990.40
Consumable Supplies (gas) . . . . .	1,290.80
Air Photo Interpretation . . . . .	452.00
Assays . . . . .	1,184.95
Mapping . . . . .	750.00
Report . . . . .	1,278.14
Miscellaneous . . . . .	122.12
Management . . . . .	<u>1,962.48</u>
TOTAL COST OF 1989 WORK . . . . .	\$21,994.26 =====

STATEMENT OF QUALIFICATIONS

I, Gary Robert Thompson of 363 Crawford Court, Kamloops, B.C. certify that:

I have successfully completed the Advanced Prospectors Training Program (B.C. Ministry of Energy, Mines and Petroleum Resources).

I am presently enrolled in 1st year geology at Cariboo College in Kamloops and plan to achieve a degree in geology.

I have spent 7 years in the mineral exploration service business.

I am secretary / treasurer of Grassroots Enterprises Ltd., a company performing Claim Staking, Prospecting, Line-Cutting, Geochemical and Geophysical Surveys, and Geological Mapping since 1987.

I am the president of Golden Bee Minerals Inc., since incorporation, April 1989.

I am a director of the Canadian Sports and Miners Association, a non-profit organization promoting the outdoor lifestyle of mining explorationists.

I am a member of the British Columbia and Yukon Chamber of Mines.

Feb. 15 '90

Date

GRIT

Gary R. Thompson

REFERENCES:

- Bultman, T.R. (1979): Geology and Tectonic History of the Whitehorse Trough West of Atlin, B.C.
- B.C. Ministry of Energy, Mines and Pet. Res., Minfile Report No. 104M 013.
- B.C. Ministry of Energy, Mines and Pet. Res., Minfile Report No. 104M 014.
- B.C. Ministry of Energy, Mines and Pet. Res., Assessment Reports 1254, Ben, 5910, Lawson; 7923, Even Star et. al.; 9049, Geological Report of Windarra Minerals Ltd. surrounding the Engineer gold Mine; 10511, Happy.
- Cameron, E.M. (1989): Geological Survey of Canada "Scouring of Gold from the Lower Crust", Geology. V. 17, p. 26 - 29.
- Geological Survey of Canada Map 1505A, "Tectonic Assemblage Map of the Canadian Cordillera", May 1978.
- Geological Survey of Canada Map 19 - 1957 October 1979.
- Mihalynuk, M.G. (1989) B.C. Ministry of Energy, Mines and Pet. Res., Open File 1989-13, "Geology of the Fantail Lake (West) and Warm Creek (East) Map Area".
- National Topographic Survey Map 104 M/9, scale 1:50,000.
- National Topographic Survey Map 104 M/8, scale 1:50,000.
- Aerial Photographic Prints
- B.C. 5676 No. 262  
B.C. 5677 No. 049  
B.C. 5677 No. 050

APPENDIX I

ASSAY RESULTS AND DESCRIPTION OF METHOD



August 8, 1989

Golden Bee Minerals Inc.  
 P.O. Box 159  
 Kamloops, B.C.  
 V2C 5K3

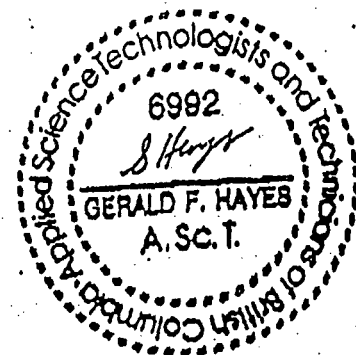
ASSAY CERTIFICATE FOR SAMPLES PROVIDED

WORK ORDER # 29044e

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As
L5+00N 10+50E	20	0.5	84	25	115	100
6+50N 13210+00E	33	1.9	128	37	254	390
+25E	18	0.5	16	34	168	130
+50E	32	3.2	55	8	154	300
+75E	36	1.4	58	9	192	170
11+00E	35	1.8	99	8	235	270
2+25N 132 10+00E	31	1.7	137	38	136	50
3+35N 132 10+00E	3578	19.6	194	6	137	28500
Unlabeled	62	1.3	47	35	202	40
891-1ST01	41	1.8	135	31	103	120
891-1ST02	39	1.1	47	22	109	40
891-1ST03	291	2.9	100	24	165	1560
891-1ST04	325	2.5	93	38	124	1990
891-1ST05	33	1.7	76	41	127	40
891-1ST06	40	0.4	76	23	126	<10
891-1ST07	46	0.8	76	46	72	50
891-1ST08	36	1.5	25	2	127	510
891-1ST09	22	2.1	54	17	95	650
4+50N 132 10+00E	26	1.0	97	29	254	670
+75E	68	1.5	129	12	132	940
11+00E	29	0.6	84	25	202	190
+25E	21	1.7	74	32	303	170

GB 2

Au -- 15g Fire Assay/AAS  
 Metals-- Aqua-regia digestion/AAS



August 5, 1989

Golden Bee Minerals Inc.  
P.O. Box 159  
Kamloops, B.C.  
V2C 5K3

ASSAY CERTIFICATE FOR SAMPLES PROVIDED

WORK ORDER # 29044a

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As
1R01	3011	25.8	26	20	6	5750
1R02	1344	16.4	32	7	39	7260
1R03	48	0.6	83	23	36	30
1R04	117	44.6	7	19040	47	7960
1R05	101	1.5	35	28	44	1520
1R06	1519	12.7	21	145	5	5810
1R07	2240	15.4	17	34	7	4970
1R08	2379	8.8	22	12	14	6270
1R09	4576	44.2	56	18	61	13520
1R10	2578	3.6	73	25	35	14320
1R11	3477	25.0	25	7	12	11860
1R12	<del>2023</del> 5766. <del>202</del> 0 495.1		52	24	24	12720
1R13	1511	13.3	31	10	30	11880
1R14	2180	7.0	13	<1	5	3970
1R15	1922	6.0	23	10	11	5800
1R16	2813	7.2	24	5	10	13650
1R17	2124	8.1	16	10	7	6980
1R18	526	17.8	23	3	16	4760
1R19	1248	4.0	11	14	18	1930
1R20	1546	8.2	29	28	27	5820

GB 2

Au -- 15g Fire Assay/AAS  
Metals-- Aqua-regia digestion/AAS





August 11, 1989

Golden Bee Minerals Inc.  
P.O. Box 159  
Kamloops, B.C.  
V2C 5K3

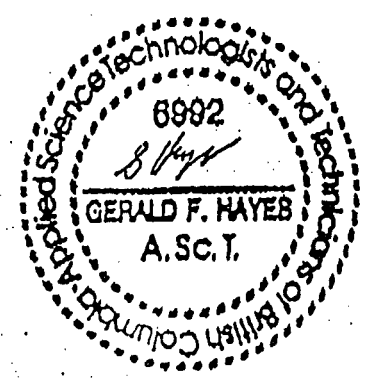
ASSAY CERTIFICATE FOR SAMPLES PROVIDED

WORK ORDER # 29044C

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As
2R17	1448	2.0	67	14	70	12060
2R17#2	2444	13.4	45	21	36	3460
2R18	1336	22.1	66	30	52	5510
2R19	2791	191.3	215	41	36	12140
2R20	3364	12.3	61	23	67	12870
2R21	1300	4.2	88	26	107	9640
2R22	3359	9.7	58	33	43	13830
2R23	2749	10.2	56	12	37	11080
2R24	3944	7.9	41	29	28	9660
3R01	21	2.9	14	18	65	<10
3R02	41	2.8	13	2	35	<10
4R01	373	3.4	14	25	107	1580
4R01A	63	2.9	47	24	102	140
4R02	1055	17.4	48	28	36	2290
4R03	1829	19.7	64	8	48	5060
4R04	1609	50.0	65	24	18	5450
4R05	109	2.5	13	<1	14	940
1F01	99	4.7	14	189	152	820
1F02	31	4.2	7	9	9	30

GB2  
GB 2  
GB 2

Au -- 15g Fire Assay/AAS  
Metals-- Aqua-regia digestion/AAS







August 8, 1939

Golden Bee Minerals Inc.  
 P.O. Box 159  
 Kamloops, B.C.  
 V2C 5K3

ASSAY CERTIFICATE FOR SAMPLES PROVIDED

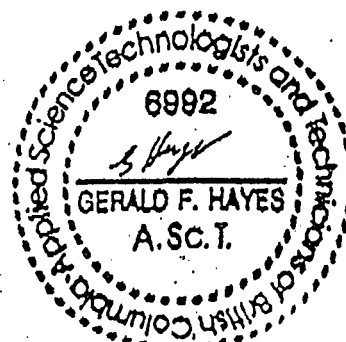
WORK ORDER # 29044d

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As
4S02	35	1.1	29	40	26	70
4S02A	37	1.4	69	41	64	20
3S03A	21	1.0	52	20	102	<10
3S02	23	2.1	54	54	164	40
3S03b	25	0.8	60	20	286	<10
3S04	27	1.0	39	53	288	70
3S05	37	2.0	47	40	116	50
3S06	44	2.5	130	54	206	150
3S07	46	1.7	89	49	158	40
3S08	28	1.6	114	53	376	50
3S09	37	1.3	66	57	155	10
3S10	40	1.2	106	54	188	100
3S11	43	0.9	81	22	207	<10
3S12	49	2.0	76	56	231	130
3S13	32	1.7	66	70	194	140
3S14	54	1.2	47	61	143	120
3S15	38	1.8	47	10	125	20
3S16	42	2.2	85	70	150	270
3S17	58	1.9	89	62	338	340
2S01	4587	22.3	101	59	61	4120
2S02	61	2.0	46	42	148	150
2S03	J		65	36	141	<10
1S01	24	0	261	193	148	220
L 2+00w	35	2.2	35	22	244	10
11+00e						

GB 2

GB 2

-- 15g Fire Assay/AAS  
 Metals-- Aqua-regia digestion/AAS



August 23, 1989

Golden Bee Minerals Inc.  
 P.O. Box 159  
 Kamloops, B.C.  
 V2C 5K3

ASSAY CERTIFICATE FOR SAMPLES PROVIDED

WORK ORDER # 29082G

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As	Sb
4S98	35	1.8	32	7	76	610	<10
4S99	24	2.4	35	26	94	<10	<10
4S100	26	3.0	42	21	141	<10	<10
4S101	41	3.5	38	43	93	360	<10
4S102	30	2.6	40	32	107	90	20
4S103	50	3.6	36	20	111	<10	<10
4S104	20	4.3	46	23	106	420	20
4S105	34	4.9	44	22	110	10	10
4S106	34	5.1	51	37	124	540	10
4S107	33	4.2	37	29	101	70	20
4S108	25	1.8	33	27	101	330	30
4S109	33	3.0	42	41	115	280	60
4S110	22	2.7	42	22	108	450	30
4S111	32	2.4	49	16	88	310	<10
4S112	26	2.4	31	32	88	270	10
4S113	31	2.3	41	29	127	620	<10
4S114	29	2.3	36	20	126	110	20
4S115	28	2.4	36	48	170	50	20
4S116	22	2.2	37	17	167	<10	50
4S117	30	104	29	26	126	<10	40
4S118	17	1.8	59	16	154	90	20
4S119	21	2.0	34	14	106	130	<10
4S120	27	1.2	28	32	97	140	10
4S121	13	0.7	22	27	74	410	<10
4S122	26	2.1	26	16	88	310	10

GB 2

Au -- 15g Fire Assay/AAS  
 Metals -- Aqua regia digestion/AAS



August 23, 1989

Golden Bee Minerals Inc.  
 P.O. Box 159  
 Kamloops, B.C.  
 V2C 5K3

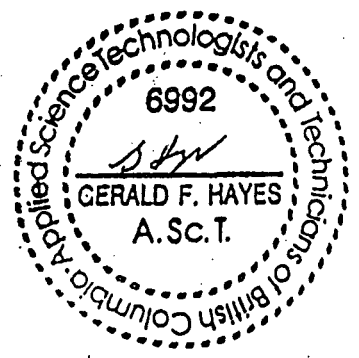
ASSAY CERTIFICATE FOR SAMPLES PROVIDED

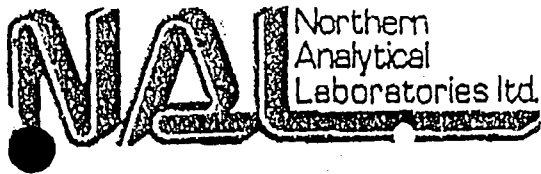
WORK ORDER # 29082E

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As	Sb
891-4S70	25	1.8	29	23	84	70	30
891-4S71	17	0.4	18	5	81	120	70
891-4S72	23	0.6	24	42	76	220	70
891-4S73	20	0.4	29	21	105	40	90
891-4S74	27	0.5	33	27	104	210	30
891-4S75	22	0.2	33	18	123	50	50
891-4S76	22	0.2	21	41	83	<10	30
891-4S77	21	0.3	36	39	284	<10	60
891-4S78	25	0.2	33	27	321	100	40
891-4S79	21	0.8	15	26	89	60	60
891-4S80	25	0.9	35	24	217	110	30
891-4S81	15	1.1	20	26	99	260	50
891-4S82	18	1.3	18	281	99	570	30
891-4S83	23	0.3	43	41	115	680	50
891-4S84	16	0.3	16	17	82	10	30
891-4S85	18	0.6	15	23	93	<10	50
891-4S86	25	1.0	36	12	114	250	50
891-4S87	40	1.9	30	11	88	<10	60
891-4S88	22	1.1	34	44	84	<10	30
891-4S89	22	0.9	23	33	92	160	40
891-4S90	14	0.8	34	37	94	<10	50
891-4S91	25	1.1	42	57	144	60	50
891-4S92	11	0.7	31	35	104	380	40
891-4S93	19	1.3	30	23	94	70	60

} GB 2

Au -- 15g Fire Assay/AAS  
 Metals -- Aqua regia digestion/AAS





August 8, 1989

Golden Bee Minerals Inc.  
 P.O. Box 159  
 Kamloops, B.C.  
 V2C 5K3

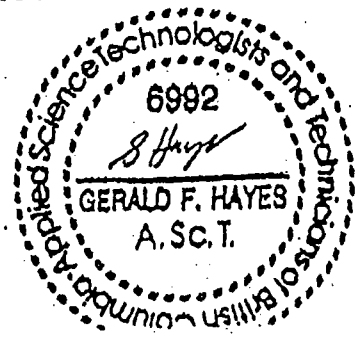
ASSAY CERTIFICATE FOR SAMPLES PROVIDED

WORK ORDER # 29044f

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As
891-4503A	39	15.7	119	8990	2350	40
891-4504A	18	0.2	65	499	1770	260
891-4505A	17	0.2	29	55	144	30
891-4506A	21	0.4	39	62	215	30
891-4507A	67	0.9	105	34	679	470
891-4509A	26	0.4	23	<1	80	50
891-4510A	19	0.0	36	64	169	80
891-4511A	41	1.3	84	84	217	180
891-4512A	57	1.0	138	27	78	100
891-4513A	69	0.5	97	51	114	120
891-4514A	60	0.3	242	25	96	190
L2+50N 10+00E	29	0.1	37	4	630	130
+25E	22	0.5	42	15	173	30
+50E	24	0.5	33	31	291	150
+75E	27	0.2	43	9	256	160
11+00E	27	0.6	42	17	163	90
L2+00E 9+37E	38	3.3	35	2	79	170
+50E	37	1.2	29	5	121	130
3L10+00E 2+00N	23	0.1	132	<1	141	50
L2+00E 10+10E	28	0.9	171	1	184	100
+20E	20	1.5	132	7	142	100
+30E	29	1.1	86	21	223	80
+50E	39	0.7	25	25	108	160
+75E	24	0.9	25	43	238	40

GB 2

Au -- 15g Fire Assay/AAS  
 Metals-- Aqua-regia digestion/AAS



August 17, 1989

Golden Bee Minerals Inc.  
P.O. Box 158  
Kamloops, B.C.  
V2C 5K3

ASSAY CERTIFICATE FOR SAMPLES PROVIDED

WORK ORDER # 29082B

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As	Sb
891-1R32	71	6.7	22	17	14	160	80100
-1R33	385	13.5	21	17	11	1290	54800
-1R34	135	8.8	21	3	<10	940	72500
-1R35	448	4.9	11	35	8	3160	480
-1R36	299	4.5	13	46	14	1480	3160
-1R37	48	<0.1	40	24	62	150	20
-1R38	145	11.5	18	23	6	400	5420
-1R39	115	0.9	13	42	27	1520	1050
-1R40	125	9.3	20	27	11	1790	52700
-1R41	192	3.7	22	21	24	1490	29400
-1R42	479	2.9	13	15	<1	1600	1020
-1R03	65	15.5	12	<1	2	260	9120
-2R26	36	0.8	17	24	48	140	<10
-2R27	28	1.6	10	26	18	90	<10
-2R28	34	<0.1	58	26	414	180	10
-2R29	27	0.2	11	44	29	100	<10
-2R30	32	<0.1	10	22	3	180	<10
-2R31	35	0.3	81	23	24	740	<10
-2R32	38	4.9	636	43	89	110	<10
-2R33	34	0.3	8	35	30	20	<10

Au -- 15g Fire Assay/AAS  
Metals -- Aqua regia digestion/AAS

August 17, 1989

Golden Bee Minerals Inc.  
P.O. Box 159  
Kamloops, B.C.  
V2C 5K3

ASSAY CERTIFICATE FOR SAMPLES PROVIDED

WORK ORDER # 29082A

Sample	ppb Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	ppm As	Sb
891-2R34	43	0.7	4	15	13	70	<10
-5R01	53	1.2	10	16	25	40	30
-5R02	31	<0.1	33	290	481	400	20
-5R03	3257	58.9	949	9860	2028	80500	580
-5R04	288	5.8	93	812	257	11800	20
-5R05	39	1.1	17	89	252	450	30
-5R06	25	<0.1	20	20	8	60	<10
-5S01	33	3.1	10	16	17	20	4120
-5F02	22	0.2	11	749	484	240	160
-5F03	31	<0.1	75	<1	82	<10	<10

Au -- 15g Fire Assay/AAS  
Metals -- Aqua regia digestion/AAS

APPENDIX II

MINFILE 104M 013

RUN DATE: 01/24/90  
RUN TIME: 14:47:33

MINFILE / pc  
MASTER REPORT  
GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION  
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

PAGE: 3  
REPORT: RGEN4000

MINFILE NUMBER: 104M 013

NATIONAL MINERAL INVENTORY: 104M9 Au3

NAME(S): HAPPY SULLIVAN

MINING DIVISION: Atlin  
UTM ZONE: 08  
NORTHING: 6597174  
EASTING: 544334

STATUS: Prospect  
NTS MAP: 104M09E  
LATITUDE: 59 30 45  
LONGITUDE: 134 13 00  
ELEVATION: 1125 Metres  
LOCATION ACCURACY: Within 500M  
COMMENTS: Trenches at boundary between Lots 3286 and 3287, Assessment Report 7923, Prospecting map and claim map.

COMMODITIES: Gold Silver

MINERALS

SIGNIFICANT: Gold Electrum Arsenopyrite Pyrite  
ASSOCIATED: Quartz Calcite  
ALTERATION: Quartz Limonite  
ALTERATION TYPE: Silicific'n Oxidation  
MINERALIZATION AGE: Unknown

DEPOSIT

CHARACTER: Vein Disseminated  
CLASSIFICATION: Hydrothermal Epigenetic  
SHAPE: Tabular  
MODIFIER: Fractured  
DIMENSION: 3000 X 0024 X 0000 Metres STRIKE/DIP: 000 TREND/PLUNGE:

HOST ROCK

DOMINANT HOST ROCK: Sedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Lower Jurassic	Laberge		

LITHOLOGY: Greywacke  
Argillite  
Quartz Vein

GEOLOGICAL SETTING

TECTONIC BELT: Intermontane Stikinia PHYSIOGRAPHIC AREA: Teslin Plateau  
TERRANE: Inklin

RESERVES

ORE ZONE: HAPPY SULLIVAN

CATEGORY: Best Assay YEAR: 1933  
SAMPLE TYPE: Grab  
COMMODITY GRADE  
Silver 226.2000 Grams per tonne  
Gold 323.6000 Grams per tonne

COMMENTS: Grab sample a dump, west side of adit portal.  
REFERENCE: Minister of Mines Annual Report 1933, page 81

CAPSULE GEOLOGY

The area of the Happy Sullivan showing is underlain by north to northwest trending, moderately to steeply east dipping Lower Jurassic Laberge Group greywackes and argillites. A north to northwest trending silicified shear zone at least 24 metres wide and 3 kilometres long on the north side of Hope Creek, dips vertically to steeply west. The shear zone contains vuggy quartz veins up to 0.9 metres wide with up to 10 per cent disseminated arsenopyrite, pyrite and gold, commonly in dendritic habit. The mineralization has been explored by an upper and lower adit and several trenches. A grab sample from a quartz dump on the west side of upper adit assayed 323.6 grams per tonne gold and 226.2 grams per tonne silver (Minister of

MINFILE NUMBER: 104M 013



RUN DATE: 01/24/90  
RUN TIME: 14:47:33

MINFILE / pc  
MASTER REPORT  
GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION  
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

PAGE: 4  
REPORT: RGEN4000

CAPSULE GEOLOGY

Mines Annual Report 1933, page 811).

BIBLIOGRAPHY

EMPR ASS RPT \*7923, \*10511, 17253  
EMPR FIELDWORK \*1985, pp. 185-189  
EMPR AR 1918-92; 1919-369; 1927-141; 1930-123; \*1933-81  
EMPR EXPL 1980-498,499  
GCNL #143,#201, 1977; #6,#180,#237, 1980; #80, 1981; #171, 1983;  
#180,#223,#234, 1984; #32,#85, 1985  
N MINER Aug 7, 1975; May 21, 1981; May 13, 1982  
IPDM Nov/Dec 1984; Feb/Mar 1985  
GSC MAP 19-1957; 1418A  
V STOCKWATCH Dec. 3, 1987

DATE CODED: 850724  
DATE REVISED: 881107

CODED BY: GSB  
REVISED BY: TGS

FIELD CHECK: N  
FIELD CHECK: Y

APPENDIX III

MINFILE 104M 014

RUN DATE: 01/24/90  
 RUN TIME: 14:55:10

MINFILE / pc  
 MASTER REPORT  
 GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION  
 MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

PAGE: 1  
 REPORT: RGEN4000

MINFILE NUMBER: 104M 014

NATIONAL MINERAL INVENTORY: 104M8 Au2

NAME(S): ENGINEER

STATUS: Past Producer  
 NTS MAP: 104M08E  
 LATITUDE: 59 29 15  
 LONGITUDE: 134 14 00  
 ELEVATION: 0833 Metres  
 LOCATION ACCURACY: Within 500M  
 COMMENTS: Occurrence associated with two main vein systems; the Engineer and Double Decker veins.

Underground

MINING DIVISION: Atlin  
 UTM ZONE: 08  
 NORTHING: 6594380  
 EASTING: 543423

COMMODITIES: Gold Silver Antimony Tellurium

MINERALS

SIGNIFICANT: Gold Berthierite Antimony Telluride Arsenopyrite  
 COMMENTS: Visible gold with minor metallic mineralization.  
 ASSOCIATED: Pyrite Chalcopyrite Calcite Quartz  
 COMMENTS: Pyrite content is less than 1 per cent.  
 ALTERATION: Mariposite  
 MINERALIZATION AGE: Unknown

DEPOSIT

CHARACTER: Vein  
 CLASSIFICATION: Epithermal Epigenetic  
 SHAPE: Regular  
 DIMENSION: 0000 X 0000 X 0000 Metres STRIKE/DIP: 020 90 TREND/PLUNGE:  
 COMMENTS: Numerous veins in deposit. Strike of the veins is between 10 and 20 degrees.

HOST ROCK

DOMINANT HOST ROCK: Sedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Lower Jurassic	Laberge		

LITHOLOGY: Bedded Greywacke  
 Banded Siltstone  
 Banded Shale  
 Quartz Calcite Vein

GEOLOGICAL SETTING

TECTONIC BELT: Intermontane  
 TERRANE: Inklin Stikinia

PHYSIOGRAPHIC AREA: Teslin Plateau

CAPSULE GEOLOGY

The Engineer Mine is located on the east side of Tagish Lake about 15 kilometres south of Graham Inlet and 30 kilometres west of Atlin. The property was discovered in 1899 and operated for 3 years. Underground work and production then took place from 1910 to 1918, from 1922 to 1928, during the summer only from 1929 to 1930, and handmined from 1932 to 1934. Sporadic work occurred in 1948, 1952, 1962, 1982-1983, and in 1987 most recently by Total Erickson.

The mine is associated with several vertical, northeast-southwest striking quartz/calcite veins hosted in well bedded sediments of the Laberge Group. Shales, siltstones, and greywackes show excellent graded bedding, load casts, flame structures, and are fossilized. Regional bedding strikes northwest-southeast and dips moderately northeast. Isoclinal folds are orientated northwest-southeast parallel to the main shear zones which run through the property. The veins are perpendicular to these structures and discordant to bedding. A second phase of buckling occurred perpendicular to the first phase. "Quartz hubs" or zones of massive bull quartz occur where the ore-producing veins intersect the shear zones, although

MINFILE NUMBER: 104M 014

CAPSULE GEOLOGY

these "hubs" are barren.

The Engineer Mine quartz veins are narrow, less than 2 metres, but have consistent orientations. The grades however, are very sporadic ranging from only a trace of gold to 50 grams per tonne. Native gold is the main metallic mineral and occurs in pockets. There is also pyrite, tetrahedrite, chalcopyrite, mariposite, antimony, berthierite, and tellurides. The veins are very vuggy with many open space textures. They have very "clean" contacts with the host rock and commonly exhibit graphitic banding. The Double Decker and Engineer veins lie to the southwest of the shear zone and the Boulder vein lies to the northeast. The Engineer and Double Decker veins received the most work.

Estimated production from the Engineer Mine from 1913 to 1952 is 15,564 tonnes grading 36 grams per tonne gold and 17.9 grams per tonne silver (Exploration in British Columbia 1987, pages 83-87).

BIBLIOGRAPHY

- EMPR AR 1900-760,778; 1902-39; 1903-44; 1904-80; 1908-50;  
\*1910-53,57,246; 1911-60,287; 1912-60,324; 1913-72; \*1914-79,89,  
512; 1915-64; 1916-46,438; 1917-80; \*1918-90; 1919-91; 1922-91;  
1923-90; 1924-77; \*1925-113,355; 1926-106; 1927-112,480; 1928-123;  
1929-120,505; 1930-132; 1932-65; \*1933-73; 1934-B35; 1944-40;  
1945-43,61; 1946-60; 1948-60; 1952-39  
EMPR BULL 1, p. 24; \*3, p. 8  
GSC MEM \*37, pp. 74-89  
GSC SUM RPT 1930A, p. 11  
GSC MAP 19-1957; 94A; 218A; 1418A  
EMR MP CORPFILE (Engineer Gold Mines)  
EMR MIN BR OTTAWA RPT. 763, Invest. 609  
EMPR Monthly Rpt. (T. Shroeter Oct. 1975)  
GCNL Mar. 1, June 24, July 8, 1975; #166, #242, 1980; #5, 1982  
EMPR ASS RPT 7923, \*9049, 10511, 17253  
N MINER Jul. 24, 1975; Jan. 7, 1982; Aug. 25, 1983  
EMPR EXPL \*1987-A12, A42, B83-87  
EMPR PF (\*Morgan, D.R., (1982): A Geological Report on the Reverted  
Crown Grants and Located Mineral Claims of Windarra Minerals Ltd.,  
Surrounding the "Engineer" Gold Mine; Mihalynuk, M.G., et al  
(1988): A Closer Look at the Llewellyn Fault-Tectonic Implications  
and Economic Mineral Potential; In Abstracts: Smithers Exploration  
Group Workshop, October 1988)  
EMPR FIELDWORK 1985, pp. 184-189  
GSC BULL 5, pp. 22-23  
CMJ Oct. 15, 1916, p. 489

DATE CODED: 850724  
DATE REVISED: 881107

CODED BY: GSB  
REVISED BY: MHG

FIELD CHECK: N  
FIELD CHECK: Y

APPENDIX IV

MINFILE 104M 016

RUN DATE: 01/24/90  
RUN TIME: 14:06:55

MINFILE / pc  
MASTER REPORT  
GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION  
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

PAGE: 1  
REPORT: RGEN4000

MINFILE NUMBER: 104M 016

NATIONAL MINERAL INVENTORY: 104M8 Au4

NAME(S): GLEANER, LUMSDEN, MYOSOTIS LAKE VIEW(L.239,241),  
TAKU CHIEF (L.240)

MINING DIVISION: Atlin  
UTM ZONE: 08  
NORTHING: 6593763  
EASTING: 343588

STATUS: Showing  
NTS MAP: 104M08E  
LATITUDE: 59 28 55  
LONGITUDE: 134 13 50  
ELEVATION: 0825 Metres  
LOCATION ACCURACY: Within 500M  
COMMENTS: Gleaner adit, Morgan (1982), Page 15, Property File.

COMMODITIES: Gold Silver Tellurium

MINERALS

SIGNIFICANT: Gold Pyrite Telluride  
ASSOCIATED: Quartz Mariposite Calcite  
ALTERATION: Quartz  
ALTERATION TYPE: Silicific'n  
MINERALIZATION AGE: Unknown

DEPOSIT

CHARACTER: Vein  
CLASSIFICATION: Hydrothermal Epigenetic

HOST ROCK

DOMINANT HOST ROCK: Sedimentary

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Lower Jurassic	Laberge		

LITHOLOGY: Shale  
Greywacke  
Argillite  
Quartz Vein

GEOLOGICAL SETTING

TECTONIC BELT: Intermontane  
TERRANE: Inklin  
PHYSIOGRAPHIC AREA: Boundary Ranges  
Stikinia

CAPSULE GEOLOGY

The Engineer gold camp is on the east side of Taku Arm about 10 kilometres east of the eastern edge of the Coast Plutonic Complex. Lower Jurassic and later Laberge Group greywackes, shales and argillites are folded into a syncline with a northwest trending fold axis, and host the vein systems.

Small granodiorite plugs outcrop west of Engineer Mountain and south of Bee Peak. To the east of the plug on Engineer Mountain is a subcircular volcanic cap or neck about 4 kilometres across, comprising Cretaceous or later Hutshi Group rhyolite, trachyte, and volcanic breccia. Feldspar porphyry, trachyte, and andesite dykes occur in the vicinity of the veins and are locally offset by them.

The Gleaner veins are situated on the northeast side of a major northwest trending shear zone, about 0.5 kilometres northeast of the main Engineer veins and workings (Minfile No. 104M 014).

The Gleaner group of veins strike north-south and dip to the west, on the north and south sides of Butler Creek. They have been explored by several open cuts and the 210 metre long Gleaner cross-cut tunnel. Veins range up to 1.2 metres in width, and consist of sets of quartz stringers cutting sediments, brecciated wall rock fragments cemented by quartz, and massive quartz veins. Mineralization consists of pyrite and native gold. Gold occurs as fine disseminations, thin leaves and flakes in small pockets.

MINFILE NUMBER: 104M 016

RUN DATE: 01/24/90  
RUN TIME: 14:06:55

MINFILE / pc  
MASTER REPORT  
GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION  
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

PAGE: 2  
REPORT: RGEN4000

BIBLIOGRAPHY

EMPR PF (\*Morgan, D.R. (1982): A geological report on the reverted crown grants and located mineral claims on Windarra Minerals Ltd. surrounding the 'Engineer' gold mine; Mihalyuk, M.G., et al (1988): A Closer Look at the Llewellyn Fault-Tectonic Implications and Economic Mineral Potential; In Abstracts: Smithers Exploration Group Workshop, October 1988)  
GSC MEM \*37, pp. 89-91  
GCNL #139, #206, 1980; #62, #138, 1982; #142, 1983  
N MINER Apr 8, 1982  
EMPR AR 1901-985; 1916-92; 1925-115; 1926-106; 1933-74, 75  
EMPR EXPL 1980-498, 499  
EMR MP CORPFILE (Gleaner Mining and Milling Co. Ltd.)  
EMPR ASS RPT \*7923, \*9049, 17253  
GSC MAP 19-1957; 93A; 1418A

DATE CODED: 850724  
DATE REVISED: 881107

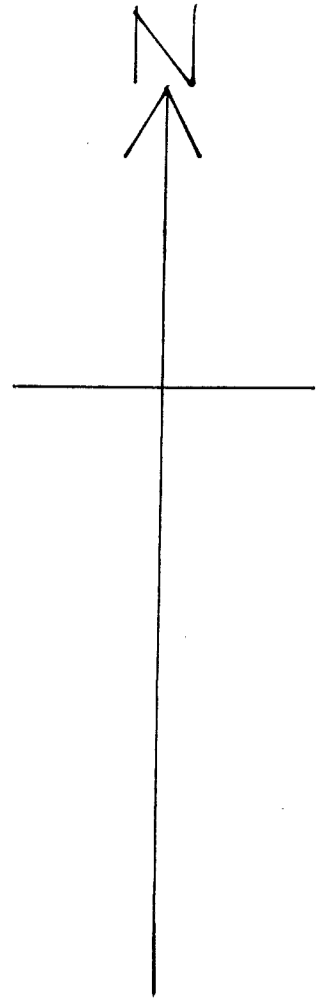
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REVISED BY: TGS

FIELD CHECK: N  
FIELD CHECK: Y

APPENDIX V

GEOLOGY AND SAMPLE LOCATION MAP

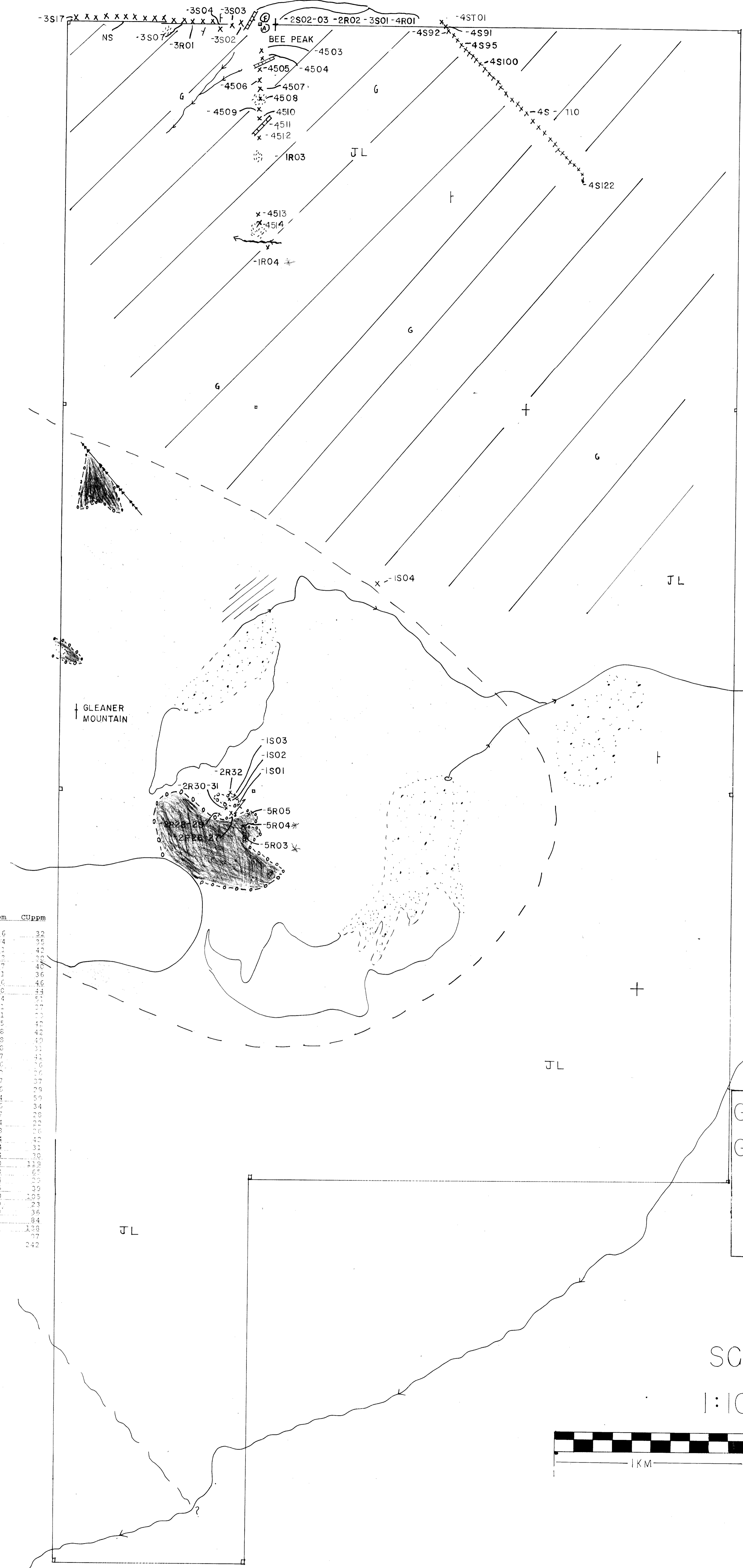




**LEGEND**

- APPROXIMATE BOUNDARY OF RHYOLITIC FLOWS
- APPROXIMATE BOUNDARY OF ANDESITE, PORPHYRY, TUFF
- JURASSIC L'ABERGE GROUP SEDIMENTS
- GOSSAN
- DYKE
- INTRUSIVE
- FOSSIL LOCAL
- AGE DATED 80.3 ± 2.4
- ICE
- MORRAINE
- CREEK
- FAULT
- AERIAL PHOTO LINEAMENT
- SAMPLE LOCATION SITE
- CORNER POST
- HORIZONTAL BEDDING
- ROCK SAMPLES
- SOIL SAMPLES

NTS 104M9E  
NTS 104M8E



**GEOCHEMICAL RESULTS**

Sample Number	Au ppb	Ag ppm	As ppm	Pb ppm	Zn ppm	Cu ppm
891-18701	41	1.8	120	31	103	135
1803	48	0.6	30	23	35	83
1804	117	44.6	7960	19040	47	7
3801	21	2.9	10	18	65	14
4801	373	3.4	1590	25	107	14
1801	99	4.7	820	189	152	14
2826	36	0.8	140	24	48	17
2827	28	1.6	90	26	18	10
2828	34	0.1	180	26	414	58
2829	27	0.2	100	44	29	11
2830	32	0.1	180	22	3	10
2831	35	0.3	740	23	24	81
2832	38	4.3	110	43	89	636
2833	34	0.3	28	35	30	8
2834	43	0.7	70	15	33	4
5803	3257	58.2	80500	4860	2028	949
5804	288	5.8	11800	812	257	93
5805	39	1.1	450	89	252	17
5806	31	0.1	<10	41	82	75
4801	35	1.1	70	40	26	29
4802	37	1.4	20	41	64	67
3803A	21	1.0	<10	20	102	52
3802	23	2.1	<10	54	164	54
3803B	25	0.8	<10	20	266	60
3804	27	1.0	70	53	286	39
3805	37	2.0	50	110	116	47
3806	44	2.5	150	84	206	130
3807	46	1.7	40	49	158	89
3808	28	1.6	50	53	276	114
3809	37	1.3	10	57	117	66
3810	40	1.2	100	54	188	106
3811	43	0.9	<10	22	207	81
3812	219	2.0	130	56	231	76
3813	32	1.7	140	50	251	76
3814	54	1.2	120	61	143	47
3815	38	1.8	20	16	125	47
3816	42	2.8	270	70	150	62
3817	58	1.9	340	62	338	89
2802	61	2.0	150	42	148	46
2803				36	141	55

**GEOCHEMICAL RESULTS**

Sample Number	Alppb	ACppm	ASppm	BBppm	ZNppm	CUppm
891-4592	35	1.8	610	7	76	32
4599	24	2.4	<10	26	94	35
48100	26	3.0	<10	21	141	42
1001	41	3.5	306	41	22	38
1002	30	2.6	98	32	107	48
1003	50	3.6	<10	20	111	36
1004	20	4.3	420	23	106	46
1005	34	4.9	10	22	110	49
1006	34	5.1	540	37	124	52
1007	33	4.2	70	29	101	37
1008	25	1.8	330	27	101	35
1009	33	3.0	300	41	115	44
110	22	2.7	450	22	106	42
111	32	2.4	310	16	89	40
112	26	2.4	270	36	100	31
113	31	2.3	600	22	107	41
114	29	2.2	110	20	100	36
115	24	2.1	150	48	100	36
116	22	2.2	120	17	69	39
117	30	10.4	<10	26	106	29
118	17	1.8	90	16	184	59
119	21	2.0	130	14	106	34
120	27	1.2	140	32	97	16
121	13	0.7	510	27	74	20
122	26	2.1	310	16	89	26
4891	25	1.1	60	57	114	41
4892	11	0.7	380	35	104	31
93	19	1.3	70	23	24	30
891-4503	39	15.7	40	8990	2350	1128
4504	18	0.2	250	489	170	65
4505	17	0.2	30	55	144	55
4506	21	0.4	30	62	215	39
4507	67	0.9	476	34	879	109
69	26	0.4	50	34	80	30
10	19	0	80	64	169	36
11	41	1.3	180	84	217	84
12	57	1.0	100	27	78	128
13	69	0.5	120	51	114	47
14	60	0.3	190	25	96	242

GOLDEN BEE MINERALS INC.  
GEOLOGY AND SAMPLE  
LOCATION MAP  
GB2 CLAIM GROUP 1989  
DRAWN BY GRT

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

SCALE  
1:10000

