

NOV 13 1997
Gold Commissioner's Office
VANCOUVER, B.C.

**ASSESSMENT REPORT
ON THE
PROSPECTING PROGRAM
ON THE GRIZZLY PROPERTY
Vancouver M.D., B.C.**

Claims: Shannon1-2 (234066-234067)
36 units

Location: 1. 225 km Northwest of Vancouver, B.C.
2. NTS Sheet 92 K/14
3. Latitude 50° 50' N
Longitude 125° 17' W

For: Tiberon Minerals Ltd.
770, 202 - 6th Avenue SW
Calgary, Alberta
T2P 2R9

By: R. Allan Doherty, P. Geo.
Aurum Geological Consultants Inc.
205 - 100 Main Street
P. O. Box 4367
Whitehorse, Yukon
Y1A 3T5

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

September 12, 1997

25,216

SUMMARY

The Grizzly Property consists of the Shannon 1-2 claims which comprise 36 contiguous claim units located in the Vancouver Mining Division, British Columbia. The property is accessible by helicopter from Campbell River.

Variably metamorphosed Cretaceous granitoid rocks related to the Coast Plutonic Complex underlie most of the property. Lithologies include granodiorite, diorite, granitoid gneiss, amphibolite, and schist. Metamorphic rocks occur as small fault bounded pendants. Feldspar porphyry, pegmatite and late stage mafic dykes are reported on the property.

Results of exploration carried out to date have identified significant anomalous gold grades associated with pyrite and molybdenite mineralization in quartz veins cutting granodiorite in the Grizzly Vein Zone. The zone is interpreted as an epithermal vein system post dating weak porphyry style quartz veining.

Field work in 1996 has identified 14 rock samples with anomalous gold values. Four samples returned gold values over 1 gm/t Au and one sample returned a value of 36.4 gm/t Au over 0.1 metres. Initial prospecting revealed intense quartz veining warranting further prospecting and sampling as well as detailed geological mapping.

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INTRODUCTION

This report was prepared at the request of the directors of Tiberon Minerals Ltd. Its purpose is to summarize the results of exploration work carried out in 1996 on the Grizzly Property which hosts epithermal gold mineralization.

The property is located about 225 kilometres northwest of Vancouver, and is accessible by helicopter.

Exploration work completed in 1996 consisted of four days of prospecting with a three person crew. Thirty-six rock samples were collected and analysed for gold plus 32 element ICP. Previous exploration work in the area was reviewed and compiled.

LOCATION AND ACCESS

The Grizzly Property is located at the headwaters of the Apple River which empties into Loughborough Inlet in south western British Columbia (Figure 1). The property is centered at geographic co-ordinates $50^{\circ} 50'N$ and $125^{\circ} 17'W$. The claims are 95 kilometres northeast of Campbell River and 225 kilometres northwest of Vancouver.

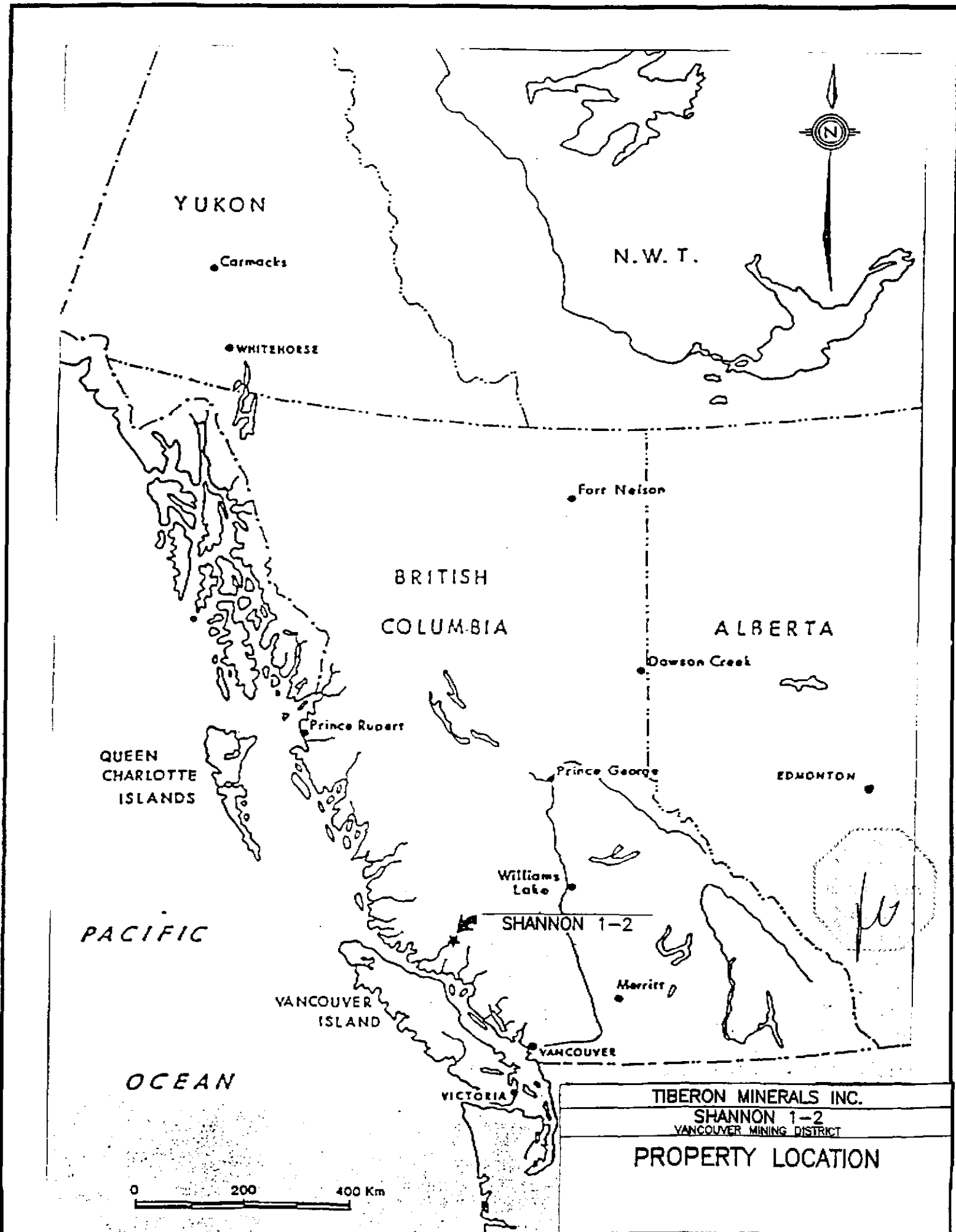
Helicopters must be used to gain access into the Grizzly Property. An abandoned logging road extends from Loughborough Inlet, 15 km along the Apple River to within two kilometres of the property. This road could be rehabilitated.

CLIMATE, TOPOGRAPHY, AND VEGETATION

The climate in the area of the Grizzly Property is variable, with hot summers and cold winters. Precipitation amounts to some 300 centimetres annually. Due to heavy winter snowfalls, the exploration season extends from early June to late September.

Topography is characterised by rugged to precipitous ground, typical of the Coast Mountains. Elevations range from 550 to over 2,150 meters. Topography has been greatly modified by Pleistocene glaciation. Glacial features such as U-shaped valleys, cirques, aretes, and tarns are common. Permanent snowfields and glaciers are common above 2,000 meters.

Coastal vegetation, consisting of coniferous trees and locally thick underbrush, is present below 1,000 meters.



YUKON

Carmacks

WHITEHORSE

N.W.T.

Fort Nelson

BRITISH COLUMBIA

ALBERTA

Dawson Creek

QUEEN CHARLOTTE ISLANDS

Prince Rupert

Prince George

EDMONTON

PACIFIC OCEAN

Williams Lake

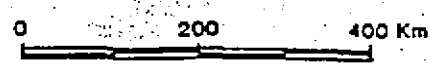
SHANNON 1-2

Merritt

VANCOUVER ISLAND

VANCOUVER

VICTORIA



TIBERON MINERALS INC.

SHANNON 1-2
VANCOUVER MINING DISTRICT

PROPERTY LOCATION

PROPERTY

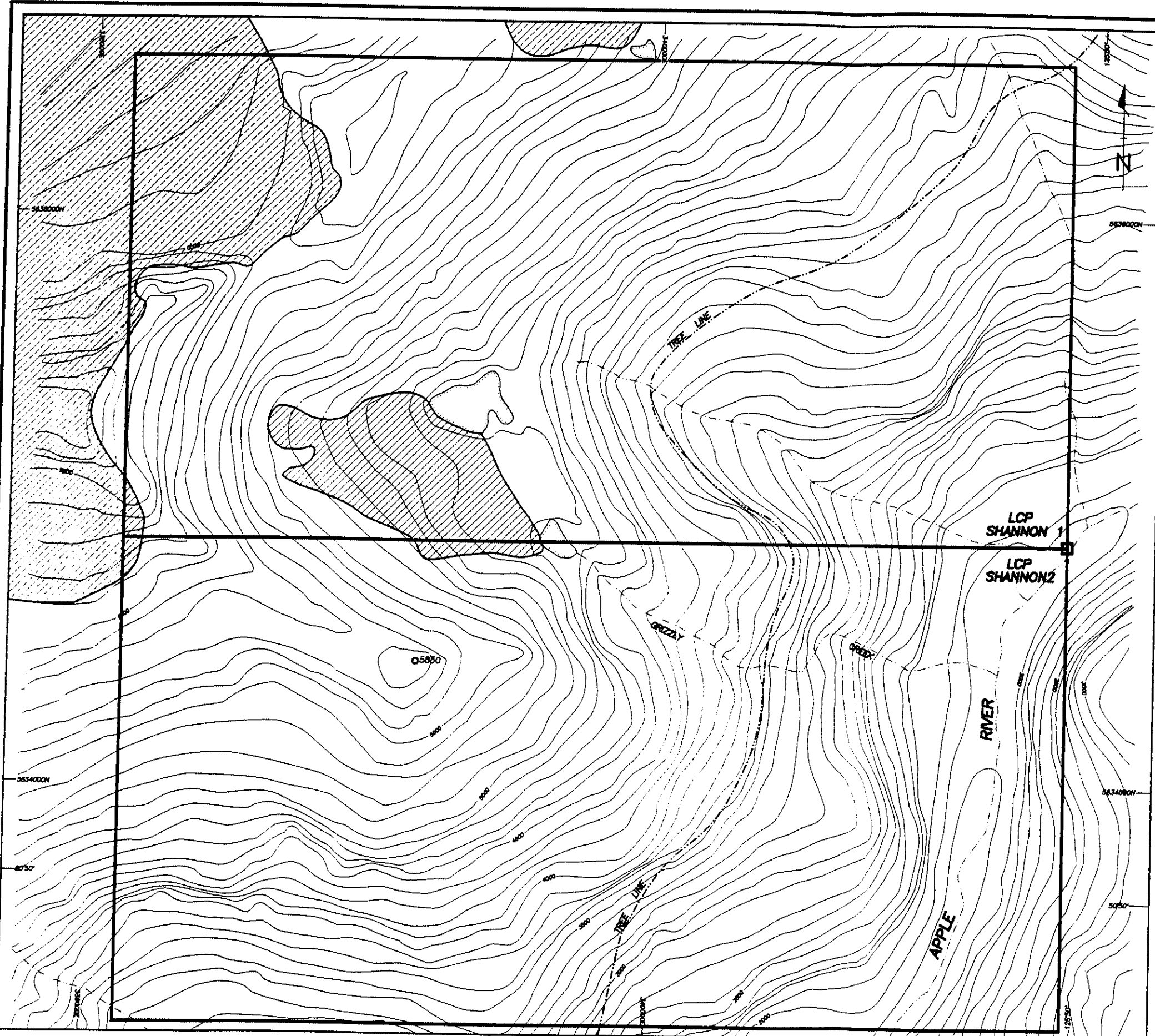
The Grizzly Property consists of 36 units in 2 contiguous un-surveyed claims covering about 9 km² (Figure 2). They are held in accordance with the Mineral Tenure Act of British Columbia. The claims were staked in September of 1996 by Brian Saurer for 685097 Alberta Inc. , a subsidiary of Tiberon Minerals Ltd.

Table 1: Claim data








Claim Name	Record No.	Units	Staking Date	Expiry Date *
Shannon 1	234066	18	Sep. 23, 1996	Sep. 23, 2001
Shannon 2	234067	18	Sep. 23, 1996	Sep. 23, 2000

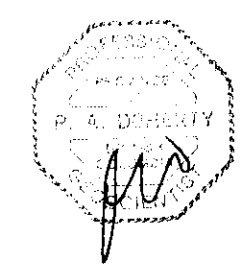
* Pending acceptance of this assessment report

The claims are shown on B.C. Mineral Titles Reference Maps M92K/14W, Vancouver Mining Division, and are known collectively as the Grizzly Property.



LEGEND

-  CREEK/RIVER
-  LAKE
-  CLAIM POST
-  CLAIM BOUNDARY
-  ICEFIELD/GLACIER
-  TREE LINE (APPROXIMATE)
-  PEAK (WITH ELEVATION IN FEET)



CONTOUR INTERVAL 100 FEET
 TOPOGRAPHY FROM 92 K/14, EMR CANADA 1970

TIBERON MINERALS LTD.
 SHANNON 1-2
 VANCOUVER MINING DIVISION

CLAIM MAP

HISTORY

The British Columbia Geological Survey (B.C.G.S.) conducted a regional stream sediment sampling program in throughout the Bute Inlet map area in 1988. The results of this survey were released in June of 1989 as B.S.C R.G.S 22. Anomalous values of gold, silver, arsenic, copper, molybdenum, lead, and zinc were returned from two samples located on creeks draining the area covered by the Grizzly Property.

In July of 1989 Placer Dome Inc. conducted a bulk sampling program on these creeks with assay results from washed moss mat and silt samples returning values greater than 75 ppb gold. Pieces of angular vuggy pyrite bearing float were discovered by the sampling crew and led to Placer Dome Inc. staking the Apple 1-6 mineral claims in August of 1989. In 1989 and 1990 Placer Dome Inc. crews conducted reconnaissance prospecting, rock sampling and limited geological mapping. Three showings now covered by the Grizzly Property, the Grizzly Creek Zone, the Down the Hill Zone and the Grizzly Vein Zone were outlined and sampled. No further work is recorded on this property after 1990 and the Apple 1-6 claims were allowed to lapse

GEOLOGY AND MINERALIZATION

Regional Geology

The Grizzly Property is situated within the Coast Plutonic Complex (Wheeler et al., 1989; Figure 2). Roddick and Woodsworth (1977) have adequately described the regional geology.

The Coast Plutonic Complex is composed of foliated and non-foliated granitoid rocks of primarily upper Mesozoic age, flanked by older metamorphosed and unmetamorphosed sedimentary and volcanic strata. Granodiorite, granite, and quartz diorite are characteristic of the composite plutons. Gabbro and syenite are rare.

Irregular belts of Mesozoic to Palaeozoic (and possibly Precambrian) metasedimentary and metavolcanic rocks form large roof pendants within the Coast Plutonic Complex. Amphibolite, gneiss, schist, quartzite, limestone, and andesite may occur in the Grizzly Property area. The regional structural trend is northwest.

LEGEND

QUATERNARY

14 Glacial deposits

TERTIARY AND QUATERNARY

13 Miocene-basalt, flows, sills, dykes

12 Eocene-sandstone, shale

11 Early Tertiary-quartz monzonite, quartz diorite

CRETACEOUS

10 Nanaimo and Queen Charlotte Groups: siltstone, sandstone, greywacke, conglomerate

9 Andesite, basalt, tuff, breccia, argillite

JURASSIC AND CRETACEOUS

8 Pacific Rim Complex: greywacke, argillite

JURASSIC

7 Island Intrusions: granodiorite, quartz-monzonite, granite, monzonite

6 Bonanza Group: andesite, dacite, rhyolite, argillite, greywacke

TRIASSIC

5 Quatsino and Parson Bay Formations: limestone, argillite

4 Karmutsen Formation: basalt, pillow lava

MESOZOIC

3 Metasedimentary rocks, schist, greenstone

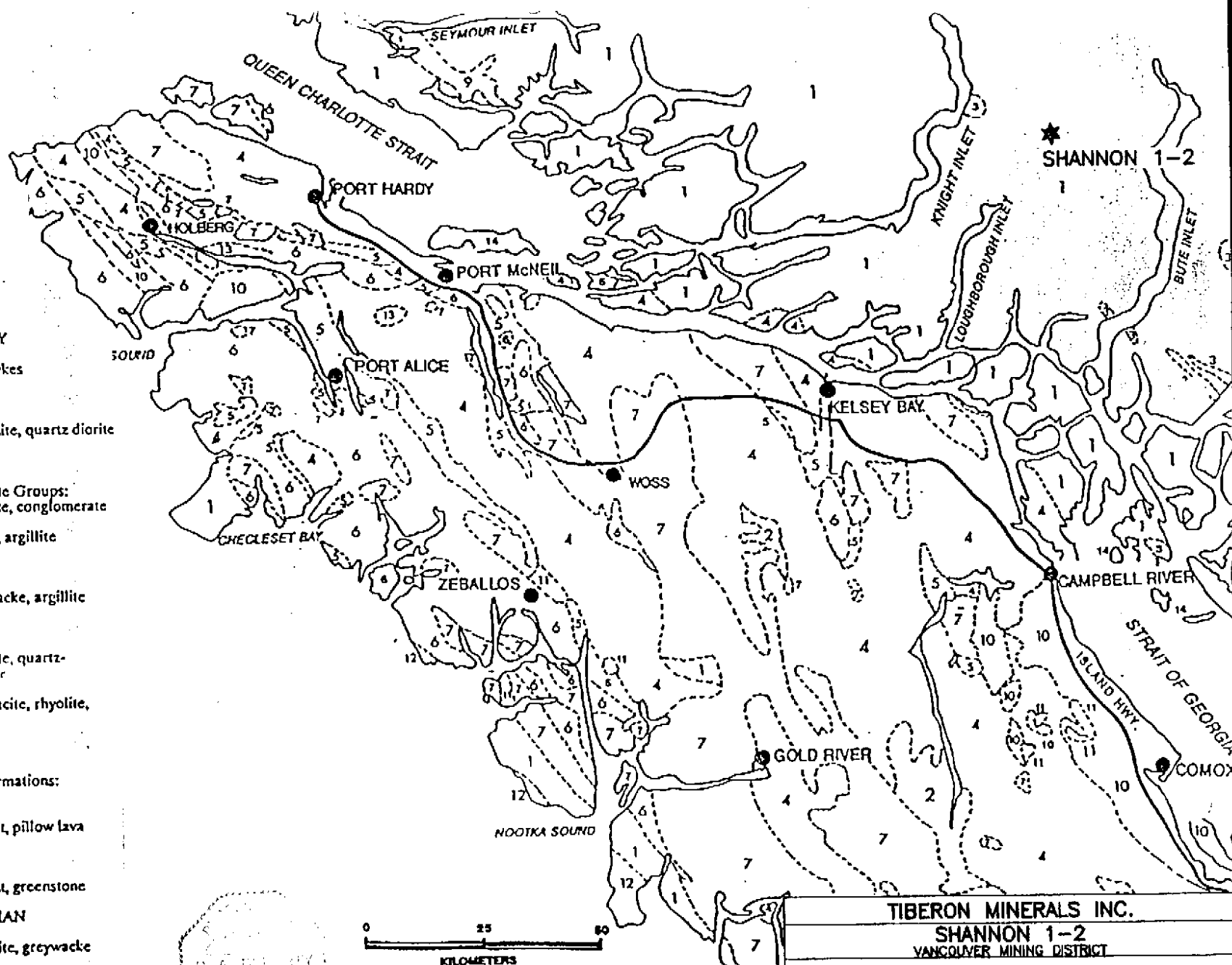
PENNSYLVANIAN AND PERMIAN

2 Sicker Group: andesite, diorite, greywacke, argillite

AGE UNKNOWN

1 Coast Plutonic Complex: granodiorite, quartz diorite, diorite, gabbro, schist, gneiss, migmatite of amphibolite grade

* Geology after GSC Map 1386A



TIBERON MINERALS INC.	
SHANNON 1-2	
VANCOUVER MINING DISTRICT	
REGIONAL GEOLOGY	
Arrium Geological Consultants Inc.	Date: SEPTEMBER, 1997
NTS: NTS 92 K/T/Drawn: JC	Scale: AS SHOWN Figure: 3

Geology of the Grizzly Property

Property geology is shown in Figure 3. Due to limited time spent on the property geological mapping was not undertaken. From preliminary prospecting notes the majority of outcrop on the north and northeast portions of the Shannon 1 claim is diorite. The remainder of the property consists of granodiorite with variable gneissic texture. Previous workers (Sketchley, 1990) reports a variety of feldspar porphyritic dykes, and felsic to intermediate dykes, mafic dykes and pegmatitic dykes locally abundant in areas mapped by Placer Dome Crews.

Mineralization on the Grizzly Property

There is no record of mineral discoveries on ground now covered by the Grizzly Property prior to 1989. Sketchley (1990) identified three types of mineralized quartz veins on the property:

- Type I: Pyrite, Chalcopyrite and Molybdenite-bearing
- Type II: Pyrite-bearing
- Type III: Pyrite and Chalcopyrite-bearing veins.

Type I - Pyrite, Chalcopyrite, and Molybdenite-bearing Veins

Sketchley (1990) describes these veins as being composed of vuggy white quartz with coarse blebs of pyrite with lesser amounts of chalcopyrite. Minor fine grained molybdenite occurs along the vein margins. Local alteration halos of sericite and clay surrounding the veins. These veins are interpreted by Sketchley to represent porphyry-style mineralization.

Type II - Pyrite-Bearing Veins

Sketchley (1990) describes these veins as being composed of white to clear vuggy quartz with mass of pyrite as dissemination's, ribbons and masses. Sphalerite is a minor component while chalcopyrite is rare. These veins can occur singly or as a stockwork. Wall rock is sericite-clay altered and contains disseminated pyrite. Sketchley (1990) interprets these veins as epithermal.

Type III - Pyrite and Chalcopyrite-bearing Veins

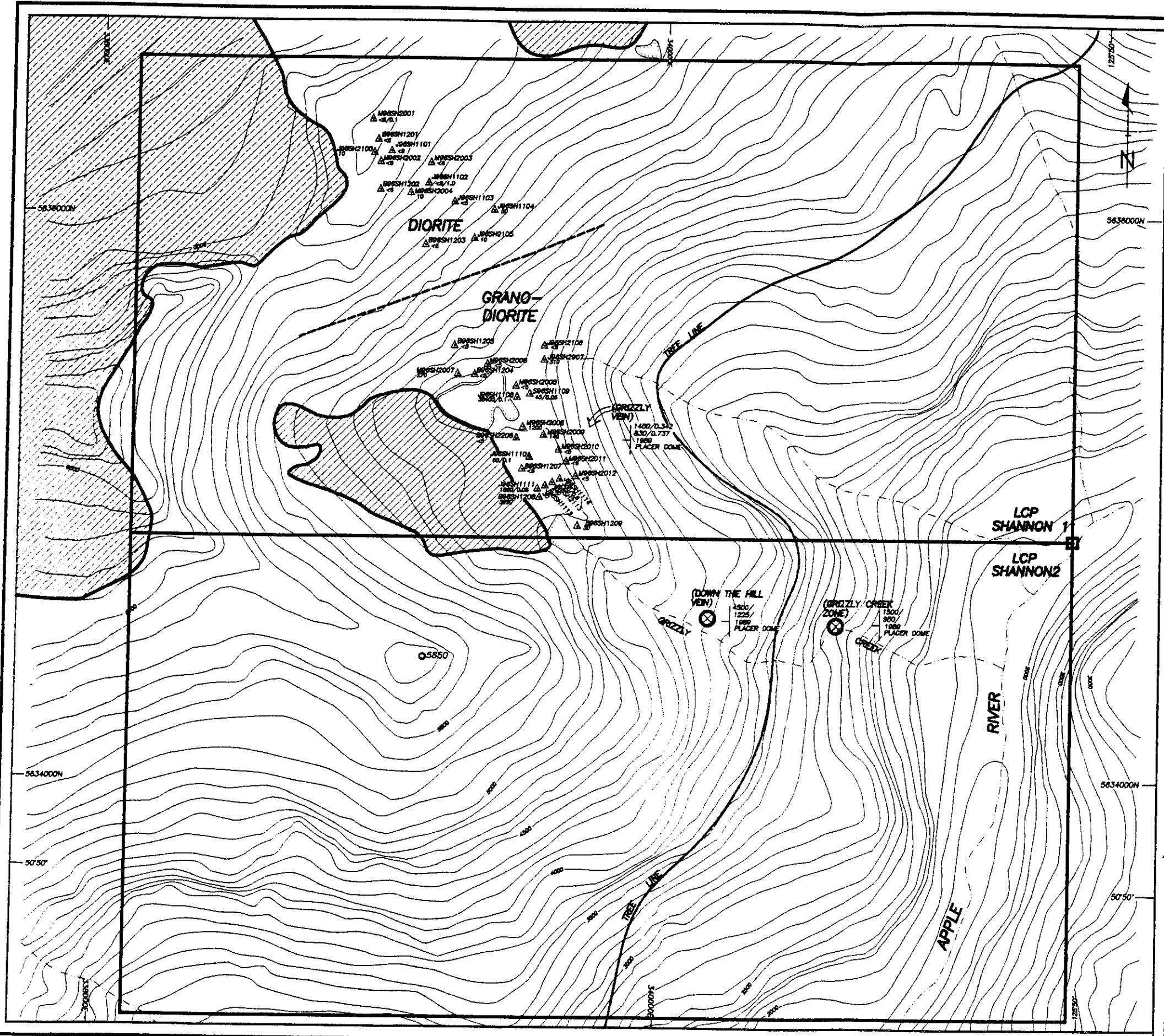
Sketchley (1990) describes these veins as vuggy white quartz veins containing pyrite and chalcopyrite \pm galena \pm sphalerite \pm molybdenite. These veins occur singly or as a stockwork. Wallrock alteration occurs as a narrow envelope of clay-altered diorite-granodiorite molybdenite dissemination's.

The veins sampled during the 1996 field season on the Grizzly Property appear to be both Type I and Type III.

Rock Sampling

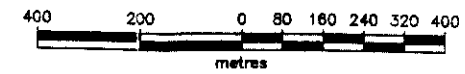
A total of 36 rock samples were collected from the grid area. The sample locations are plotted on Figure 4, rock sample locations, descriptions and geochemical results are tabulated in Appendix B. Samples were sent to Loring Laboratories Ltd., in Calgary where analysis for gold plus 32 element ICP were completed.

Sample J96SH1108 was collected over a 10 cm iron stained vein containing pyrite and molybdenum which returned an analyses of 36400 ppb Au, 212 ppm Mo and 319 ppm Cu. Three other samples along a 400m trend along the east side of a small glacier at the head of Grizzly creek returned values between 1200 and 3990 ppb Au, (see samples M6SH2008, J96SH1111 & B96sh1208, Appendix B and Figure 4).



LEGEND

- 1996 AURUM SAMPLE LOCATION (Au ppb/width in meters)
- CREEK/RIVER
- LAKE
- CLAIM POST
- CLAIM BOUNDARY
- ICEFIELD/GLACIER
- TREE LINE (APPROXIMATE)
- GEOLOGICAL CONTACT (APPROXIMATE)
- PEAK (WITH ELEVATION IN FEET)
- 1989 PLACER DOME SAMPLE LOCATIONS (Au ppb/width in meters)



CONTOUR INTERVAL 500 FEET
TOPOGRAPHIC FROM 92 K/14, EMR CANADA 1982???

TIBERON MINERALS LTD.
SHANNON 1-2
VANCOUVER MINING DIVISION

SAMPLE LOCATION

CONCLUSIONS AND RECOMMENDATIONS

The Grizzly Property covers variably metamorphosed granitoid rocks the Coast Plutonic Complex. Highly metamorphosed felsic to mafic volcanics and sedimentary rocks may exist as fault bounded roof pendants

Porphyry styles quartz veining followed by epithermal style quartz veining with pyrite and molybdenite mineralization carry gold values .

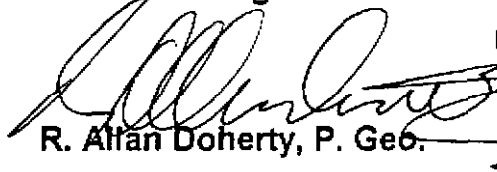
The property is a epithermal gold prospect. Values as high as 36.4 gm/t Au have been returned from quartz veins in granodiorite.

It is recommended that detailed prospecting be carried out along the length of Grizzly Creek. Detailed geological mapping should be performed on the Grizzly Vein Zone, the Down the Hill Zone, and the Grizzly Zone. Prospecting and reconnaissance mapping should be completed on the entire claim group.

Soil sampling may indicate further mineralized zones in overburden covered areas. A flagged grid should be laid out based on field conditions.

Respectfully submitted;

Aurum Geological Consultants Inc.


R. Alan Doherty, P. Geol.



September 12, 1997

REFERENCES

- Matysek, P.F., J.L. Gravel, and W. Jackaman, 1989: 1988 British Columbia Regional Geochemical Survey, Stream Sediment and Water Geochemical Data, NTS 92K - Bute Inlet. G.S.C. Open File 2039.
- Morgan, D.R., 1971: Geological and Geochemical Report on the Sam 1-64 Mineral Claim Group. B.C. Assessment Report No. 3272 for Swiss Aluminum Mining Co. of Canada Ltd.
- Payne, J.G., J.A. Bratt, and B.G. Stone, 1980: Deformed Mesozoic Volcanogenic Cu-Zn Sulphide Deposits in the Britannia District, British Columbia. Economic Geology, Volume 75, p. 700-721.
- Riccio, L., G. Crowe, A. Scot, and P. Matysek, 1983: Skwim Project. Final Report on the Lois 1-6, 8, 9, Fox and Diadem Mineral Claims. Report by Anaconda Canada Exploration Ltd.
- Roddick, J.A., 1977: Notes on the Stratified Rocks of Bute Inlet Map-Area (excluding Vancouver and Quadra Islands). Geological Survey of Canada, Open File 480
- Roddick, J.A. and G.J. Woodsworth, 1977: Bute Inlet Map-Area (92K). Geological Survey of Canada, Open File 480.
- Sketchley, D. A., 1990: Apple Property Geology and Geochemistry. Assessment Report for Placer Dome Inc. , (20421)
- Sketchley, D. A. and Rebic, Z, 1991: Apple Property Geology and Geochemistry. Assessment Report for Placer Dome Inc. , (21774)
- Wheeler, J.O., A.J. Brookfield, H. Gabrielse, J.W.H. Monger, H.W. Tipper, and G.J. Woodsworth, 1989: Terrain Map of the Canadian Cordillera. Geological Survey of Canada, Open File 1894.

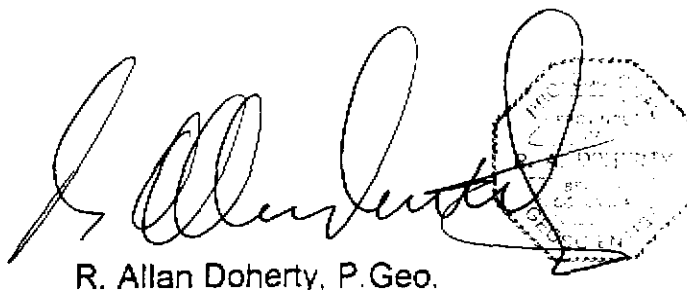
Woodsworth, G.J., 1974: Interrelations of Metamorphism, Plutonism, and Deformation in the Mt. Raleigh area, Coast Mountains British Columbia. Unpublished Ph.D. Thesis, Princeton University.

STATEMENT OF QUALIFICATIONS

I, R. Allan Doherty, hereby certify that:

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 205 - 100 Main Street, P.O. Box 4367, Whitehorse, Yukon, Y1A 3T5.
2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons. B.Sc., 1977) and that I attended graduate school at Memorial University of Newfoundland, 1978-80. I have been involved in geological mapping and mineral exploration continuously since then.
3. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20564.
4. I am author of this report based on information collected during property work completed between September 23-26, 1996, and on referenced sources.
5. I have no direct or indirect interest in the properties or securities of Tiberon Minerals Ltd.
6. I consent to the use of this report by Tiberon Minerals Ltd. provided that no portion is used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

September 12, 1997


R. Allan Doherty, P. Geo.

STATEMENT OF COSTS

The following costs were incurred between September 23 to 27, 1996 to be applied as assessment towards the Shannon 1-2 (35173-35174) claims which total 36 units:

A. Fieldwork, Aurum Personnel Geochemical Soil Sampling

B. Sauer, Prospector

Sept 23-26/96, 4 days @ \$321/day: \$ 1,284.00

M. Tetrault, Prospector,

Sept. 23-26/96 4 days @ \$321/day: \$ 1,284.00

J. Hunt, Prospector,

Sept 23-26/96, 4 days @ \$321/day: \$ 1,284.00

Sub-Total: \$ 3,852.00

B. Geochemical Analyses

36 rock, \$ 835.92

E. Support Costs Geochemical Sampling

Helicopter 8 hrs @ \$685/hr \$ 5,480.00

Jet B fuel and positioning \$ 1,363.87

Camp accommodation (50 man days): \$ 1,200.00

Float plane Vancouver-Bute Inlet: \$ 240.00

Field consumable, hardware & equipment; \$ 262.85

Radio & Charger rental: \$ 86.67

Sub-Total \$ 13,321.31

F. Report Costs \$ 3,000.00

TOTAL 1996 ASSESSMENT VALUE: \$16,321.31

APPENDIX A
Geochemical Analyses

To: TIBERON MINERALS



File No : 38585
Date : October 18, 1996
Samples : Rock
Project :
P.O. #

ATTN Loren Komperdo

Certificate of Assay Loring Laboratories Ltd.

629 Beaverdam Road, NE Calgary Alberta
Tel: (403)274-2777 Fax: (403)275-0541

PPB
Au

Sample No.

"Geochemical Analysis"

~~B 9621 - 1200
B 9621 - 1201
B 9621 - 1202
B 9621 - 1203
B 9621 - 1204
B 9621 - 1205
B 9621 - 1206
B 9621 - 1207
J 9621 - 1010
J 9621 - 1011
J 9621 - 1013
J 9621 - 1014
J 9621 - 1015~~

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B 96SH - 1201
B 96SH - 1202
B 96SH - 1203
B 96SH - 1204
B 96SH - 1205
B 96SH - 2206

<5
<5
<5
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<5
<5

~~L 5250E - 4540 N
L 5250E - 4685 N
L 5250E - 4712 N
L 4575 N - 3550 E
L 4850 E - 4735 N
L 4250 E - 4950 N
M 9621 - 1100
M 9621 - 1101
M 9621 - 1102
M 9621 - 1103
M 9621 - 1104~~

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I HEREBY CERTIFY that the above results are those assays
made by me upon the herein described samples :

Assayer

Rejects and pups are retained for one month unless specific arrangements are made in advance

To: TIBERON MINERALS



File No : 38585
Date : October 18, 1996
Samples: Rock
Project :
P.O. #

ATTN: Loren Komperdo

Certificate of Assay

Loring Laboratories Ltd.

629 Beaverdam Road, NE Calgary Alberta
Tel: (403)274-2777 Fax: (403)275-0541

PPB
Au

Sample No.

M 9621 - 1103	15
M 9621 - 1105	24
M 9621 - 1107	<5
M 9621 - 1108	30
M 9621 - 1109	<5
M 9621 - 1110	<5
M 9621 - 1111	<5
M 9621 - 1112	10
M 9621 - 1113	<5
M 9621 - 1114	100
M 9621 - 1115	<5
M 9621 - 1116	<5
M 9621 - 1117	<5
M 9621 - 1118	<5
M 9621 - 1119	<5
M 9621 - 1120	<5
M 9621 - 1121	<5
M 9621 - 1122	<5
M 9621 - 1123	<5
M 9621 - 1124	<5
M 96SH - 2001	<5
M 96SH - 2002	<5
M 96SH - 2003	<5
M 96SH - 2004	<5
M 96SH - 2005	10
M 96SH - 2006	<5
M 96SH - 2007	270
M 96SH - 2008	1200
M 96SH - 2009	140
M 96SH - 2010	<5
M 96SH - 2011	<5
M 96SH - 2012	<5

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :


Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To TIBERON MINERALS



File No 38585
Date : October 18, 1996
Samples : Rock
Project :
P.O. #

ATTN: Loren Komperdo

Certificate of Assay Loring Laboratories Ltd.

629 Beaverdam Road, NE Calgary Alberta
Tel: (403)274-2777 Fax: (403)275-0541

Sample No	PPB Au
✓ J 96SH - 1101	<5
✓ J 96SH - 1102	<5
✓ J 96SH - 1103	<5
✓ J 96SH - 1104	50
✓ J 96SH - 1108	36400
✓ J 96SH - 1109	45
✓ J 96SH - 1110	60
✓ J 96SH - 1111	1860
✓ J 96SH - 1112	30
✓ J 96SH - 1114	300
J 96SH - 1115	
J 96SH - 1116	
J 96SH - 1117	
J 96SH - 1118	
✓ J 96SH - 2100	10
✓ J 96SH - 2105	10
✓ J 96SH - 2106	<5
✓ J 96SH - 2113	240
✓ J 96SH - 2907	310
J 9621 - 1001	
J 9621 - 1002	
J 9621 - 1003	
J 9621 - 1004	
J 9621 - 1005	
J 9621 - 1006	
J 9621 - 1007	
J 9621 - 1008	
J 9621 - 1010	
B 96SH - 1207	<5
B 96SH - 1208	3990
B 96SH - 1209	30

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

[Signature]
Assayer

Rejects and culps are retained for one month unless specific arrangements are made in advance.



Loring Laboratories Ltd.

633 Beaverdam Road N.E.
 Calgary Alberta T2K 4W7
 Tel: 274-2777 Fax: 276-0641

TO: Tiberone Resources
 FILE # 38585

DATE: October 31, 1996

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Le	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
B96AB 1015	1	13	8	27	5	7	6	276	1.24	2	<5	<2	<2	37	0.5	<2	<2	47	5.05	0.044	2	110	0.05	29	0.09	<3	1.32	0.03	0.01	<2
B96AB 1016	1	15	8	26	5	7	6	276	1.24	2	<5	<2	<2	37	0.5	<2	<2	47	5.05	0.044	2	110	0.05	29	0.09	<3	1.32	0.03	0.01	<2
B96SH 1201	1	22	23	59	<3	7	7	522	1.66	2	<5	<2	<2	37	0.5	<2	<2	47	5.05	0.044	2	110	0.05	29	0.09	<3	1.32	0.03	0.01	<2
B96SH 1202	2	17	4	46	<3	7	6	242	2.39	2	<5	<2	<2	36	<2	<2	<2	64	0.51	0.073	3	132	0.57	108	0.12	<3	0.90	0.11	0.29	<2
B96SH 1203	4	361	<3	56	1.0	57	34	145	6.13	<2	<5	<2	<2	344	0.8	<2	<2	50	5.61	0.083	6	92	0.51	92	0.15	<3	7.49	0.57	0.12	<2
B96SH 1204	1	12	5	14	<3	5	7	50	1.00	2	<5	<2	6	18	<2	<2	<2	4	0.15	0.009	8	102	0.08	24	0.01	<3	0.34	0.08	0.07	<2
B96SH 1205	3	15	5	23	<3	13	2	96	0.50	<2	<5	<2	2	103	<2	<2	<2	3	0.95	0.010	2	179	0.05	3098	0.02	6	1.14	0.03	0.03	<2
B96SH 1207	1	23	<3	128	<3	50	12	929	4.65	<2	<5	<2	<2	19	<2	<2	<2	109	0.34	0.077	3	190	3.11	1466	0.50	<3	3.03	0.08	2.18	<2
B96SH 1208	38	1075	1428	4132	360.6	11	5	253	3.45	8	<5	4	<2	5	97.3	<2	<2	35	0.14	0.048	2	171	0.62	36	0.05	<3	0.77	0.02	0.13	303
B96SH 1209	3	25	9	81	2.9	5	4	2033	2.65	2	<5	<2	2	39	3.5	<2	<2	109	3.55	0.102	5	101	0.34	39	0.16	<3	1.34	<0.01	<0.01	2
B96SH 2206	<1	53	11	31	<3	2	1	1170	4.95	2	<5	<2	<2	20	0.8	<2	<2	37	4.69	0.519	13	64	0.17	14	0.20	<3	0.64	0.04	<0.01	<2
J9621 1002	5	42099	1856	9052	72.4	27	47	581	10.60	16	<5	<2	<2	4	58.4	5	<2	77	0.20	0.034	2	131	2.32	65	0.10	<3	1.85	<0.01	0.04	<2
J9621 1003	1	206	13	89	0.5	18	27	882	5.40	<2	<5	<2	<2	60	0.4	<2	<2	87	1.87	0.093	3	103	2.66	31	0.21	<3	2.93	0.03	0.04	<2
J9621 1004	10	19680	285	6484	82.1	95	113	1148	16.44	<2	10	<2	<2	13	34.1	<2	2	110	0.73	0.051	2	141	3.57	87	0.19	<3	3.81	<0.01	0.13	<2
J9621 1005	6	1156	61	397	4.9	24	12	473	2.80	<2	<5	<2	<2	49	2.6	<2	<2	40	2.23	0.034	2	114	0.84	111	0.09	<3	1.23	<0.01	0.13	<2
STANDARD C2	21	59	43	144	7.1	23	35	1160	4.03	39	22	8	36	52	19.4	15	19	74	0.55	0.107	39	67	0.99	197	0.08	27	2.06	0.06	0.13	10
J9621 1006	1	344	6	97	0.4	60	32	620	5.21	4	<5	<2	<2	23	<2	<2	<2	102	1.19	0.070	<1	72	1.59	52	0.32	<3	2.23	0.04	0.05	<2
J9621 1007	1	256	10	113	0.3	68	39	738	6.16	15	<5	<2	<2	32	0.3	<2	2	113	1.34	0.075	<1	77	2.02	20	0.32	<3	2.78	0.04	0.02	<2
J9621 1008	11	81	<3	78	<3	23	23	1089	5.58	29	<5	<2	<2	31	0.2	2	<2	59	0.78	0.168	1	98	2.37	34	0.18	<3	2.60	0.03	0.04	<2
J9621 1009	3	46	12	31	0.3	7	15	487	4.41	5	<5	<2	<2	5	<2	<2	<2	14	0.08	0.035	1	81	0.47	86	0.09	<3	0.80	0.02	0.22	<2
J9621 1010	3	75	10	88	<3	16	17	989	3.99	11	<5	<2	<2	27	<2	<2	<2	42	0.52	0.083	<1	72	1.85	85	0.11	<3	2.04	0.02	0.13	<2
J9621 1011	2	5191	293	930	12.0	95	109	1456	21.05	7	<5	<2	<2	39	10.8	<2	<2	240	1.89	0.082	<1	96	4.56	59	0.30	<3	4.76	<0.01	0.02	<2
J9621 1012	5	6461	2562	41459	32.1	194	255	744	25.70	2	<5	<2	<2	194.4	8	17	61	0.11	<0.001	1	74	1.43	19	0.07	<3	1.75	<0.01	0.03	<2	
J9621 1013	2	289	25	323	0.7	84	41	1298	8.05	<2	<5	<2	<2	12	1.8	<2	<2	131	0.84	0.056	<1	106	2.79	80	0.40	<3	2.93	0.01	0.07	<2
J9621 1014	18	563	25	369	1.9	49	29	992	10.71	<2	<5	<2	<2	3	1.5	<2	<2	266	0.38	0.081	<1	136	4.05	12	0.33	<3	4.08	0.01	0.01	<2



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TO: Tiberone Resources
 FILE # 38585

DATE: October 31, 1996

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
J96SH 1101	2	2	4	6	< 3	2	< 1	223	0.29	< 2	< 5	< 2	4	1	< 2	< 2	< 2	1	0.01	0.003	5	98	0.02	8	< 0.1	< 3	0.20	0.09	0.04	< 2
J96SH 1102	< 1	113	< 3	377	0.3	11	28	1419	38.77	< 2	5	< 2	< 2	36	1	3	< 2	95	1.54	0.046	< 1	24	< 0.1	27	0.10	< 3	2.78	0.15	< 0.1	< 2
J96SH 1103	2	232	5	29	< 3	97	33	277	8.67	< 2	< 5	< 2	< 2	118	< 2	2	< 2	90	1.45	0.093	3	167	1.18	64	0.21	< 3	2.91	0.12	0.42	< 2
RE J96SH 1103	1	226	< 3	27	0.3	95	32	270	8.52	< 2	< 5	< 2	< 2	116	< 2	2	< 2	89	1.44	0.090	3	166	1.17	65	0.21	< 3	2.88	0.11	0.41	< 2
J96SH 1104	3	167	171	21	6.0	14	19	103	2.56	4	< 5	< 2	< 2	161	0.5	13	< 2	21	1.88	0.130	5	72	0.21	73	0.06	< 3	2.47	0.27	0.03	< 2
J96SH 1106	212	319	86	49	5.0	19	14	143	2.35	9	< 5	< 2	< 2	4	1.9	< 2	< 2	14	0.06	0.019	< 1	179	0.33	32	0.03	< 3	0.48	0.01	0.07	< 2
J96SH 1109	139	455	19024	4165	240.3	7	13	50	8.01	< 2	< 5	32	< 2	3	125.7	2	68	5	0.04	0.016	< 1	112	0.01	16	< 0.1	< 3	0.12	< 0.1	0.07	11
J96SH 1110	5	64	25	14	3.2	4	9	26	0.79	< 2	< 5	< 2	2	8	< 2	< 2	3	0.06	0.002	2	81	0.03	26	0.01	< 3	0.21	0.05	0.04	< 2	
J96SH 1111	24	103	419	463	170.8	10	6	288	4.27	2	< 5	< 2	< 2	4	9.2	< 2	< 2	48	0.10	0.055	2	159	0.77	26	0.05	< 3	0.77	0.01	0.10	4
J96SH 1112	3	825	13	262	4.6	46	47	1126	9.21	17	< 5	< 2	< 2	21	3	< 2	< 2	180	1.02	0.264	< 1	98	3.56	26	0.33	< 3	3.30	0.04	0.93	< 2
J96SH 1114	110	126	86	240	15.9	14	11	340	3.45	40	< 5	< 2	< 2	26	6	< 2	< 2	55	0.48	0.069	2	90	1.02	83	0.05	< 3	1.33	0.03	0.29	2
J96SH 1115	2	17	10	22	0.2	10	20	104	0.28	10	< 5	< 2	< 2	20	2	< 2	< 2	161	0.20	0.024	2	144	0.22	8	0.02	< 3	0.58	0.01	< 0.1	< 2
J96SH 1116	7	88	< 3	104	0.2	10	20	104	0.28	10	< 5	< 2	< 2	20	2	< 2	< 2	161	0.20	0.024	2	144	0.22	8	0.02	< 3	0.58	0.01	< 0.1	< 2
J96SH 1117	9	115	9	117	0.2	10	20	104	0.28	10	< 5	< 2	< 2	20	2	< 2	< 2	161	0.20	0.024	2	144	0.22	8	0.02	< 3	0.58	0.01	< 0.1	< 2
J96SH 1118	14	6264	848	3556	108.0	37	16	680	0.28	10	< 5	< 2	< 2	20	2	< 2	< 2	161	0.20	0.024	2	144	0.22	8	0.02	< 3	0.58	0.01	< 0.1	< 2
J96SH 2100	8	77	59	81	0.4	214	50	727	5.37	< 2	< 5	< 2	< 2	38	< 2	6	< 2	73	1.79	0.076	6	329	2.12	129	0.18	3	2.42	0.07	0.56	< 2
J96SH 2105	6	185	11	191	0.3	11	11	730	4.48	< 2	< 5	< 2	< 2	64	0.5	2	< 2	59	0.64	0.127	2	102	1.43	31	0.26	< 3	1.93	0.14	0.75	< 2
J96SH 2106	9	38	15	34	< 3	7	3	235	1.64	2	< 5	< 2	< 2	70	< 2	< 2	< 2	26	0.38	0.058	3	60	0.48	28	0.04	< 3	1.21	0.13	0.18	< 2
J96SH 2907	4	55	55	34	4.8	13	5	30	2.05	48	< 5	< 2	< 2	2	0.4	< 2	2	11	0.01	0.010	< 1	143	0.02	11	< 0.1	< 3	0.10	< 0.1	0.06	30
J9621SH 2113	70	60	12	47	13.6	40	67	111	15.78	27	< 5	< 2	< 2	6	< 2	< 2	< 2	25	0.07	0.008	< 1	125	0.20	14	0.02	< 3	0.32	< 0.1	0.09	< 2
M96SH 2001	1	313	7	32	1.0	56	28	643	1.35	3	< 5	< 2	< 2	53	0.4	< 2	2	38	1.73	0.084	2	110	0.46	11	0.17	< 3	0.86	< 0.1	0.01	< 2
M96SH 2002	1	22	< 3	78	< 3	132	33	792	5.82	< 2	8	< 2	2	21	0.2	< 2	< 2	143	0.77	0.088	1	299	3.64	1230	0.40	< 3	3.50	0.11	2.32	< 2
M96SH 2003	1	107	< 3	35	< 3	7	8	323	4.03	4	< 5	< 2	< 2	68	< 2	< 2	< 2	78	1.67	0.139	5	56	0.49	33	0.16	< 3	2.11	0.27	0.05	< 2
M96SH 2004	2	130	10	45	< 3	41	26	371	4.56	< 2	< 5	< 2	< 2	18	< 2	< 2	< 2	85	0.90	0.116	2	72	2.40	430	0.22	< 3	2.28	0.15	0.94	< 2
M9621SH 2005	6	29	29	53	1.4	12	7	285	2.26	12	< 5	< 2	8	27	< 2	< 2	< 2	40	0.25	0.031	20	339	0.70	75	0.09	< 3	1.18	0.10	0.29	2



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TO: Tiberone Resources
 FILE # 38585

DATE: October 31, 1996

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	So	Bi	V	Ca	P	Le	Cr	Mg	Ba	Ti	B	Al	Na	K	W
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
STANDARD C2	19	54	44	133	6.6	70	34	1160	4.14	37	21	7	33	50	19.6	16	18	67	0.50	0.103	36	60	0.99	191	0.08	27	2.09	0.06	0.14	14
M9621SH 2006	1	30	5	53	< 3	3	2	334	1.35	< 2	< 5	< 2	2	14	0.3	< 2	< 2	19	0.30	0.028	4	118	0.35	56	0.09	< 3	0.70	0.09	0.24	< 2
M9621SH 2007	19	33	115	13	43.1	11	3	102	1.54	2	< 5	< 2	< 2	3	0.5	< 2	< 2	9	0.04	0.011	1	549	0.10	20	0.01	< 3	0.24	0.01	0.12	< 2
M9621SH 2008	8	133	101	104	61.5	15	4	751	5.15	10	< 5	< 2	< 2	114	1.9	< 2	< 2	57	2.66	0.165	3	156	0.91	13	0.13	< 3	1.47	0.05	0.18	9
M9621SH 2009	170	20	662	124	4.7	16	18	123	5.92	10	< 5	< 2	< 2	8	3.2	< 2	11	18	0.05	0.015	1	377	0.22	33	0.03	< 3	0.27	0.01	0.07	57
M9621SH 2010	2	196	5	99	1.3	3	15	603	6.12	< 2	< 5	< 2	< 2	219	0.6	< 2	< 2	136	2.81	0.131	1	41	1.51	85	0.30	< 3	3.69	0.39	0.32	< 2
M9621SH 2011	10	44	< 3	247	< 3	14	12	627	3.03	< 2	< 5	< 2	< 2	81	1.1	< 2	< 2	99	1.21	0.131	3	98	1.39	97	0.27	< 3	1.60	0.19	0.64	< 2
M9621SH 2012	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
M9621SH 2013	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
M9621SH 2014	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
M9621SH 2015	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
M9621SH 2016	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
M9621SH 2017	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
M9621SH 2018	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
M9621SH 2019	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
M9621SH 2020	1	46	< 3	134	< 3	28	15	947	5.27	< 2	< 5	< 2	< 2	15	< 2	< 2	< 2	158	0.55	0.114	2	110	3.65	1538	0.47	< 3	3.49	0.09	2.49	< 2
STANDARD C2	21	60	41	146	7.1	71	36	1160	4.13	43	19	8	35	53	20.3	20	17	73	0.55	0.110	40	64	0.99	202	0.08	28	2.11	0.06	0.14	12

APPENDIX B
ROCK SAMPLE LOCATIONS AND DESCRIPTIONS

TIBERON MINERALS LTD.									
All Samples									
NEW SAMPLE #	ORIGINAL SAMPLE #	UTM NORTH	UTM EAST	ELEVATION FEET	DESCRIPTION	SAMPLE TYPE	SAMPLE WIDTH	VEIN ATTITUDE	GOLD ppb
1	B96SH1201	5636259	338975	6280	Epidote-Qtz altered greenstone. Garnet 1%, mod Fe stain, Barite ? vn on hanging wall. Heavy Fe stained granite gneiss on footwall.	Grab		032 Deg	<5
2	B96SH1202	5636083	338986	6140	Quartz vein in diorite, minor blebs of magnetite, minor Fe stain. Diorite contains quartz altered xenoliths of granitic gneiss	Float			<5
3	B96SH1203	5635888	339151	5720	Quartz altered siliceous andesite (?). Heavy Fe stain, Po to 1%, Py. Qtz veins to 50 cm in granodiorite, epidote on fracture surfaces. Py cubes to 1 cm. Muscovite flakes.	Grab			<5
4	B96SH1204	5635430	339333	5590	Quartz vein 0.3 m wide, pods of Py <1%. Mild Fe stain in host granodiorite.	Grab		045/08	<5
5	B96SH1205	5635531	339260	5500	Quartz vein with poddy pyrite, Cpy, in a fault/contact zone. Possible barite, chevron folds.	Grab		345/90	<5
6	B96SH2206	5635207	338485	4620	Fine grained diorite, weakly magnetic, epidote, qtz, ser alteration. Fe stain and py on fracture surfaces.	Grab			<5
7	B96SH1207	5635097	339507	4610	Representative grab sample at contact of intrusive breccia. Minor Cpy, Py, on fracture surfaces. Minor Fe stain, quartz alteration	Grab			<5
8	B96SH1208	5634997	339570	4840	Quartz vein, fine dis Py, minor Molybdenum, Moderate Fe stain in granodiorite host rock	Grab		015/10W	3890
9	B96SH1209	5634896	339707	4780	Mafic dyke, Fe stain, epidote, manganese	Grab		330/?	30
10	J96SH1101	5636220	339024	6200	Quartz vein with garnet (?), minor Fe stain	Grab	20 cm		<5

Shannon

TIBERON MINERALS LTD.									
All Samples		UTM	UTM	ELEVATION	DESCRIPTION	SAMPLE	SAMPLE	VEIN	GOLD
NEW	ORIGINAL	NORTH	EAST	FEET		TYPE	WIDTH	ATTITUDE	ppb
SAMPLE #	SAMPLE #								
11	J96SH1102	5636108	339157	6200	Heavy Fe stained granitic gneiss, magnetite, minor Cpy, Py.	Chip	1 m	024/?	<5
12	J96SH1103	5636041	339251	5960	Granodiorite minor Fe stain, Py, Po.	Grab			<5
13	J96SH1104	5636013	339393	5740	Granodiorite, Heavy Fe stain, quartz altered, Py, Cpy	Grab			50
14	J96SH1108	5635351	339485	4720	Quartz vein outcrop in granodiorite host rock, Py, Mo, Fe stain in Grdr.	Chip	10 cm	068/58W	36400
15	J96SH1109	5635363	339530	4720	Quartz vein, similar to J96SH1108	Grab	5 cm	040/?	45
16	J96SH1110	5635140	339532	4720	Quartz vein, flat lying in outcrop, mild Fe stain, Py.	Chip	10 cm		60
17	J96SH1111	5635027	339563	4720	Quartz vein in granodiorite, Well formed Py cubes, Fe stain	Chip	8 cm		1860
18	J96SH1112	5635038	339589	4720	Granodiorite, biotite rich, Py, Cpy, mild Fe stain	Grab			30
19	J96SH1114	5635082	339641	4720	Quartz vein, Mild Fe stain, Py, Mo.	Chip	60 cm	180/?	300
20	J96SH2100	5636213	338961	6200	Fine grained grey granodiorite, quartz stringers, Po, moderate Fe stain	Float			
21	J96SH2105	5635912	339323	6500	Granodiorite with qtz stringers, Moderate Fe stain, Py, Cpy	Float			10
22	J96SH2106	5635533	339578	4720	Quartz vein float, 2 cm wide, Py, Mo, Cpy	Float			
23	J96SH2113	5635050	339614	4720	Quartz vein float, heavy Fe stain, 10% Py	Float			240
24	J96SH2907	5635484	339578	4720	Quartz vein float, Py & Cpy	Float			310
25	M96SH2001	5636326	338958	6280	Quartz rich greenschist, Py, epidote, malachite on fractures minor Fe stain	Grab	10 cm	025/?	<5

Shannon

TIBERON MINERALS LTD.									
All Samples									
		UTM	UTM	ELEVATION	DESCRIPTION	SAMPLE	SAMPLE	VEIN	GOLD
NEW	ORIGINAL	NORTH	EAST	FEET		TYPE	WIDTH	ATTITUDE	ppb
SAMPLE #	SAMPLE #								
26	M96SH2002	5636181	338985	6170	Representative sample granite gneiss, qtz alteration, minor Fe stain, <1% Py	Grab			<5
27	M96SH2003	5636179	339166	5920	Granodiorite, heavy Fe stain, minor magnetite, pyrite	Grab			<5
28	M96SH2004	5636072	339095	5920	Granite gneiss, heavy Fe stain, <1% Py	Grab			10
29	M96SH2005	5635391	339481	4720	Granodiorite	Grab			<5
30	M96SH2006	5635467	339376	4680	Granodiorite, pyrite and epidote, minor Fe stain	Grab			
31	M96SH2007	5635432	339273	4810	Quartz vein with Pyrite cubes	Grab			270
32	M96SH2008	5635246	339508	4780	Quartz vein with pyrite cubes, epidote alteration	Grab			1200
33	M96SH2009	5635218	339581	4820	Quartz float, pyrite blebs	Grab			140
34	M96SH2010	5635165	339635	4810	Fine grained diorite, Py on fracture surfaces and as disseminations, moderate Fe stain	Grab			<5
35	M96SH2011	5635124	339663	4750	Quartz vein	Grab			<5
36	M96SH2012	5635072	339697	4710	Quartz vein, moderate Fe stain, 1% Py.	Grab			<5