HOBSON 1 & HOBSON 2 Claims

Mt. Brew

TED Claim

Blackbear Mountain

PROSPECTING REPORT 1988

Cariboo Mining Division

NTS 93 A/11 W

Latitude 52°36'30", 52°37'30"

Longitude 121°22'30"

owner: Sheran Paterson

operators: Sheran Paterson, Merle Matherly

author: Sheran Paterson
Oct. 28, 1988

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INTRODUCTION:

HOBSON 1 (4 units S., 5 units W.) and HOBSON 2 (4 units N., 5 units W.) are adjacent claims positioned on a south western flank of Mt. Brew situated northeast of Likely, British Columbia. These properties cover the northernmost portion of Upper Spanish Creek, NTS 93 A/11 W. They are easily accessible from Likely by the 1300 (Spanish Lake) forestry road, where HOBSON 1 is entered at km 1320 and HOBSON 2 is located 2km north on Shiney Mineral forestry road. The area is in fairly steep mountainous terrain and has been well logged. (FIG.1)

TED (4 units S., 5 units W.) is positioned on an eastern flank of Blackbear Mountain situated northeast of Likely, British Columbia. This property covers ground between the headwaters of the southeast arm of Blackbear Creek and the northernmost portion of Upper Spanish Creek, NTS 93 A/11 W. It is easily accessible from Likely by the 1300 (Spanish Lake) forestry road, where the claim is entered 6km west on BB forestry road from the junction at km 1320¼. This area is in fairly steep mountainous terrain and has been well logged. (FIG.2)

	HOBSON 1	HOBSON 2	TED
Located:	1987	1987	1988
Units:	20	20	20
Record No.	8753	8754	9221
Anniversary:	Oct. 28	Oct. 28	June 28

Group: HOBSON, Sept. 16, 1988

HOBSON 1, HOBSON 2, and TED claims are owned by: Sheran Paterson

Operators: Sheran Paterson, FMC 292484 and Merle Matherly, FMC 292485

Boundaries and posts were located by: pace & compass, using 1:31680 claims map & 1:15840 forestry mylar maps, NTS 93 A/11 W.

Research has not shown that this area had any previous company exploration activity.

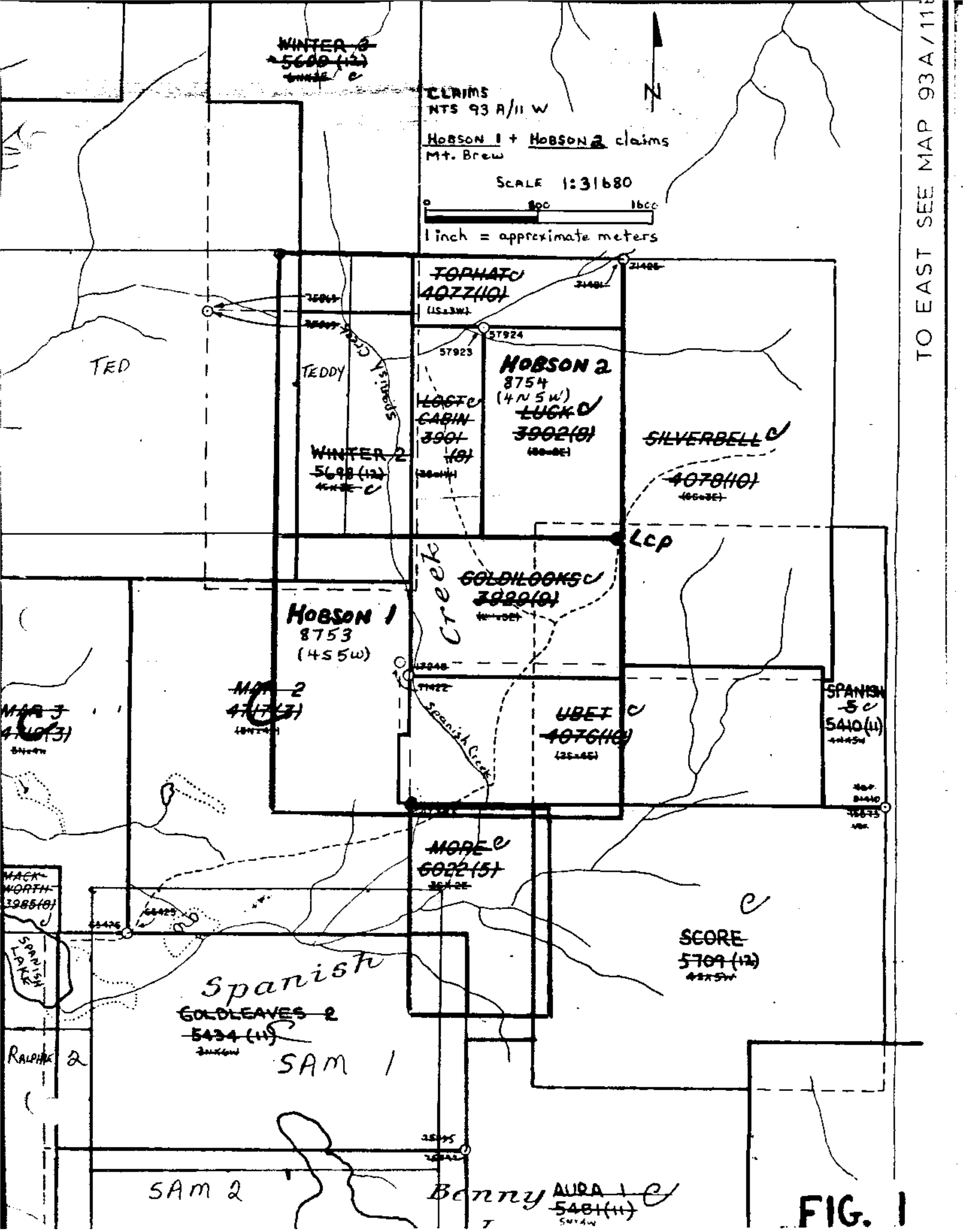

CLAIMS
NTS 93 A/11 W
HOBSON 1 + HOBSON 2 claims
Mt. Brew
SCALE 1:31680
0
800
1600
1 inch = approximate meters
N
TO EAST SEE MAP 93 A/11
WINTER 3
TOPHAT
4077(10)
HOBSON 2
8754
(4N5W)
LUCK
3902(8)
LOST CABIN
3901
SILVERBELL
4078(10)
TED
TEDDY
Spanish Creek
WINTER 2
5698(12)
LCP
GOLDILOOKS
3900(8)
Creek
HOBSON 1
8753
(4S5W)
MAR 2
MAR 3
UBET
4076(10)
SPANISH 5
5410(11)
MORE
6022(5)
MACKWORTH
3985(8)
SPANISH LAKE
Spanish
SCORE
5709(12)
GOLDLEAVES 2
5434(11)
SAM 1
RALPHIE 2
SAM 2
Benny
AURA 1
5481(11)

FIG. 1

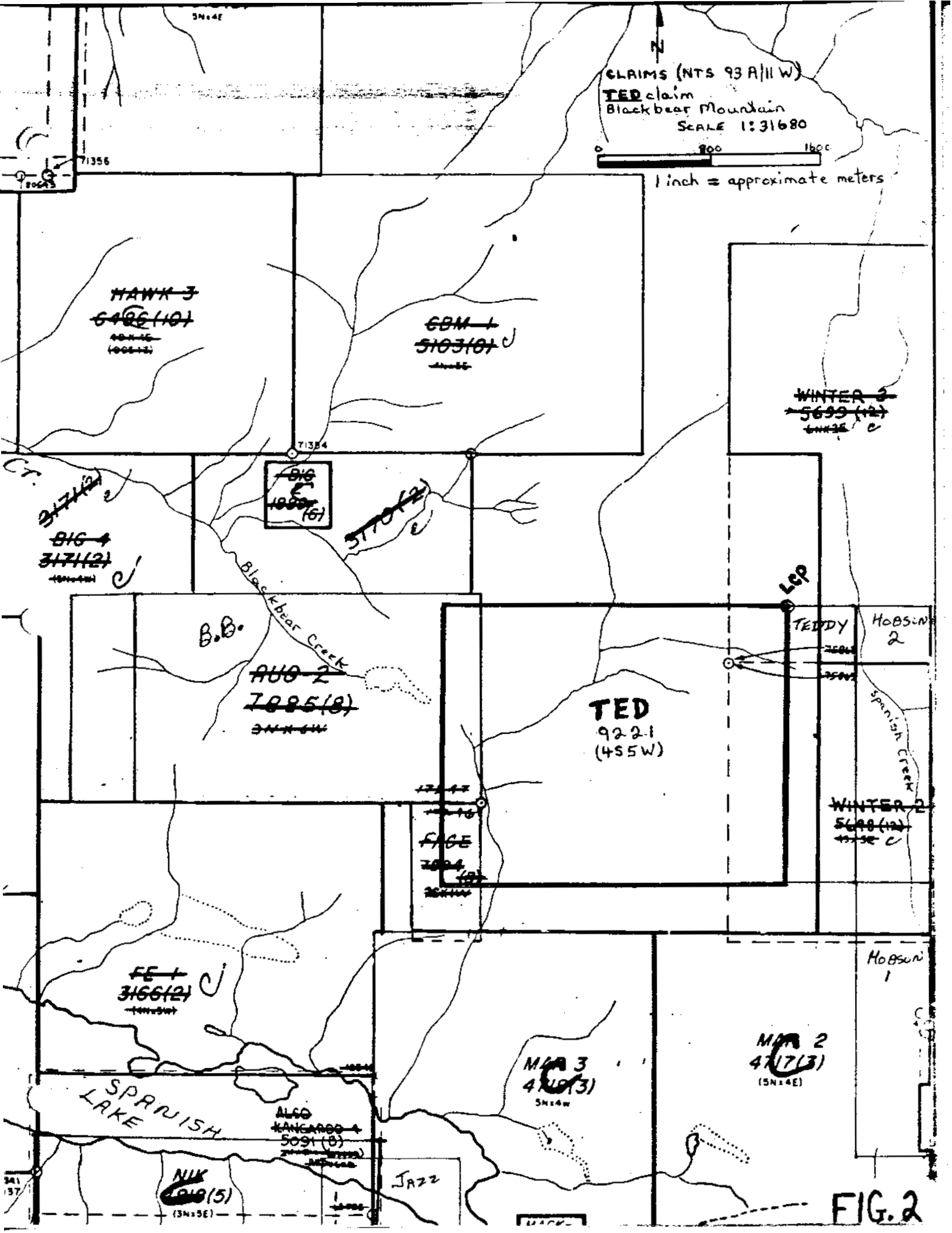

CLAIMS (NTS 93 A/11 W)
TED claim
Blackbear Mountain
SCALE 1:31680
0
800
1600
1 inch = approximate meters
N
HAWK 3
6496 (10)
CBM 1
5103(8)
WINTER 3
5699 (12)
BIG 4
3171(2)
BIG 5
1880 (6)
3170(2)
71356
71354
Blackbear Creek
B.B.
AUG 2
1885(8)
TED
9221
(45 SW)
LCP
TEDDY
HOBSON 2
Spanish Creek
WINTER 2
FAGE
FE 1
3166(2)
MAC 3
4108(3)
5N:4W
MAC 2
4117(3)
(5N:4E)
HOBSON 1
SPANISH LAKE
ALSO
KANGAROO 4
5091 (8)
NIK
(5)
(3N:5E)
JAZZ

FIG. 2

Publications of GEOLOGICAL FIELDWORK, 1986-87: Geology of the Triassic Black Phyllite in the Eureka Peak Area, Central British Columbia, NTS 93 A/7; and Geology of the Quesnel Terrane in the Spanish Lake Area, Central British Columbia, NTS 93 A/11 - by: Mary Anne Bloodgood; indicate rocks of similar lithology and equivalent age to those recognized in these 3 claims.

GEOLOGY:

HOBSON 1

Much of HOBSON 1 claim consists of sericite schist which hosts many quartz veins with galena that carry gold and silver values, and is believed to be a zone of alteration in the marine sediments.

A marine volcanic breccia unit occurs in the southwest corner of the property where it is in contact with the graphitic black phyllite unit. Following north of the contact, various showings of sericite schist and chlorite rich sediments occur along the whole western portion of the claim.
(FIG.3)

HOBSON 2

Most of HOBSON 2 claim appears to be overlain by a chlorite rich strata bound sediment of marine origin. Epidot and quartz with carbonates are widely distributed. The whole greenstone sequence is very copper-rich with chalcopyrite, bornite, and malachite.

Graphitic black phyllites occur slightly, in the northwest corner of the property where much disseminated sulphide mineralization is present in all rock types. A large zone of shear quartz with carbonates show values in gold, silver, copper, and zinc.

Sericite schists occurring in the southwest and southeast portions of the claim, are believed to be alteration zones of the greenstone, where many quartz veins with galena show good gold and silver values.
(FIG.4)

TED

The eastern half of TED claim consists of the chlorite rich marine sediments, throughout which, epidot and quartz with carbonates are rampant. This rock sequence is very copper rich with chalcopyrite, bornite, and malachite.

The western half of the property is made up of graphitic black phyllites that show much shear quartz with carbonates. (FIG. 5)

FIELD METHODS:

HOBSON 1

All forestry accesses were driven, the roads mapped, and 6 grab samples taken (numbered: #13-#16, #20,#44), totalling 1 day.

Mapping & sampling of 4 zones with good mineralized exposures, consisted of 1 day, taking 3 hand picked specimens (numbered: (#106-#108).

Follow up sampling of the 4 zones for further analytical data with 3 companies equaled ½ day, during which 2 samples were collected (numbered: #58, #59).

Application of ½ day was required to record and classify 11 samples.

1 day was applied to map and report preparation.

HOBSON 2

The forestry accesses were driven, roads mapped, and 12 grab samples taken (numbered: Ho. #1-#12), totalling 1 day.

5 days were spent mapping and sampling 4 zones with very good mineralization, where 15 hand picked specimens were taken (numbered: #17-#19, #97-#100, #100A, #101, #102, #102B, #103-#105, #109).

Follow up sampling with 3 companies equaled 1 day, during which 6 samples were collected (numbered: #47, #76, #85, #86, #137, #138).

Application of 1 day was required to record and classify 33 samples.

Mapping of compiled data consisted of 1 day.

1 day was applied to report preparation.

TED

All forestry accesses were driven, roads mapped, and 2 grab samples taken (numbered: #11, #12).

Mapping and sampling of 5 zones showing very good mineralized exposures, consisted of 5 days where 12 hand picked specimens were collected (numbered: #22-#32, B.B. #10)

Follow up sampling of the 5 zones for further analytical data with 3 companies equaled 1 day, during which 18 samples were collected (numbered #48-#53, #77-#80, #87-#93, #139).

1 day's application was required to record and classify 32 samples.

1 day was applied to map preparation.

1 day was applied to report preparation.

CONCLUSION:

The 1988 field season consisted of 24 days work on HOBSON 1, HOBSON 2, and TED claims. A total of 76 samples had been collected, 61 samples submitted for analysis, with results from 16 specimens still not received.

Gold, silver, copper, lead, zinc values are found in the black phyllites, greenstone, and sericite schists; indicating that sulphide mineralization is massive in marine strata bound sediments.

More detailed exploration (soil geochemistry) is required to determine the extent and grade of mineralization.

SAMPLE DESCRIPTION:

Claim	Zone	Smp. No.	Rock Type
HOBSON 1	9	# 20	pyrrhotite rich brittle quartz
	9	#106	schisty greenstone with quartz carbonate & metal sulphides
	10	# 13	green volcanic breccia with carbonate
	11	# 15	very black graphitic phyllites with disseminated sulphides
	11	# 16	very black graphitic phyllites with noduled carbonates & disseminated sulphides
	11	# 44	dark colored amphiboles
	11	# 58	metal sulphide banded black phyllite
	11	# 59	black phyllites (top of sequence) at contact with volcanic breccia
	12	# 14	mariposite in dolomitic mass
	12	#107	schisty greenstone with quartz & carbonate, some malachite & pyrites
	12	#108	schisty greenstone with much malachite stain, quartz carbonate lens
HOBSON 2	5	Ho.# 1	quartz with much leached iron
	5	Ho.# 2	quartz & quartzite with much disseminated pyrites
	5	Ho.# 3	almost pure quartzite with finely disseminated pyrites
	5	Ho.# 4	very vuggy quartz with pyrites
	5	Ho.# 5	much limonite in weathered schist
	5	Ho.# 6	black phyllites with pyrites
	5	Ho.# 7	black graphitic phyllites
	5	Ho.# 8	quartzite with much leaching & weathered pyrites

Claim	Zone	Smp. No.	Rock Type
	5	Ho.# 9	quartzite with much disseminated metal sulphides
	5	Ho.#10	very vuggy quartz with pyrites & ankerite
	5	Ho.#11	quartzite with much disseminated sulphides & leaching iron
	5	Ho.#12	quartz, quartzite with much disseminated pyrites & leaching iron
	5	# 17	much disseminated sulphides & leaching iron in greenstone with quartz
	5	# 18	quartz & carbonate, much metal sulphides
	5	# 19	mixed of schist, quartz with ankerite, much disseminated sulphides
	5	# 47	greenstone with malachite stain
	5	# 76	quartz in greenstone
	5	# 85	quartz with disseminated metal sulphides
	5	# 86	phyllite bedding with malachite stain
	6	# 97	greenstone with quartz carbonate & chalcopyrite, bornite, malachite
	6	# 98	banded greenstone with much metal sulphides
	6	# 99	carbonated quartz with actinolite & chalcopyrite
	6	#100A	carbonated quartz in greenstone with chalcopyrite
	6	#100	carbonated quartz in greenstone with chalcopyrite
	6	#101	carbonated banded greenstone with chalcopyrite & pyrites
	6	#102B	carbonated quartz in greenstone with chalcopyrite, malachite, pyrites

Claim	Zone	Smp. No.	Rock Type
	6	#102	carbonated quartz in greenstone with chalcopyrite, malachite, pyrites
	6	#103	dense heavy greenstone with metal sulphides
	6	#137	pyrite rich chlorite schist
	6	#138	quartz in greenstone with high grade chalcopyrite
	7	#104	quartz lensed greenstone with sulphides
	7	#105	grey quartzite in sericite schist, banded metal sulphides
	8	#109	very siiceous quartzite with siderite & chalcopyrite, pyrites, disseminations in sericite schist
TED	13	# 22	carbonated quartz in greenstone with bornite, malachite, pyrites
	13	# 23	dolomitic mass with fine disseminations of metal sulphides
	13	# 24	weathered dolomitic mass with finely disseminated metal sulphides
	13	# 26	carbonated greenstone with chalcopyrite, bornite
	13	# 48	mariposite & carbonate interbedded with greenstone
	13	# 49	greenstone with malachite, chalcopyrite, quartz carbonate segregation
	13	# 77	greenstone bedding with carbonate, chalcopyrite, bornite
	13	# 78	greenstone bedding with malachite, azurite, chalcopyrite, bornite
	13	# 87	carbonated greenstone, pyrites, bornite , chalcopyrite
	13	# 88	carbonated greenstone with, pyrites, chalcopyrite, bornite

Claim	Zone	Smp. No.	Rock Type
	13	# 89	carbonated greenstone with, pyrites, chalcopyrite, bornite
	13	# 90	carbonated greenstone with, pyrites, chalcopyrite, bornite
	13	# 91	carbonated greenstone with, pyrites, chalcopyrite, bornite
	14	# 25	quartz carbonate in carbonate noduled black phyllites, finely disseminated sulphides
	14	# 27	volcanic breccia with some quartz
	14	# 32	volcanic breccia with quartz & carbonate
	15	# 11	quartz lensed black phyllites with leaching sulphides
	15	# 28	sugar quartz with much metal sulphide in graphitic carbonate noduled black phyllites
	15	# 29	quartz carbonate in graphitic black phyllites, much weathered
	16	# 30	sugar quartz in very graphitic phyllites with much metal sulphides
	16	# 31	sugar quartz in very graphitic phyllites with much metal sulphides
	16	#139	pyrite rich sugar quartz with chlorite along contact in black phyllites
	17	# 12	qurtz lensed black phyllites with leaching sulphides & pyrites
	17	# 50	quartz & pyrites in carbonate noduled black phyllites
	17	# 51	quartz carbonate in carbonate noduled black phyllites
	17	# 52	quartz carbonate in carbonate noduled black phyllites

Claim	Zone	Smp. No.	Rock Description
	17	# 53	quartz vein in place & carbonate noduled black phyllite wallrock
	17	# 79	quartz vein in carbonate noduled black phyllites
	17	# 80	metal sulphide banded black phyllites
	17	# 92	carbonate noduled black phyllites
	17	# 93	vugyy quartz in carbonate noduled black phyllites
	17	B.B.# 10	pyritic quartz in carbonate noduled black phyllites

ASSAYS:

Zone	Sample	Cu ppm	Mo ppm	Zn ppm	Pb ppm	Mn ppm	Ag ppm	Au ppb	As ppm
9	# 20	6	1	11	14	43	.2	17	252
11	# 15							5	
11	# 16							4	
11	# 58	58		92	25		2.80	5	
11	# 59	65		117	26		1.28	10	
5	Ho# 2	62	12	40			1.7		
5	Ho# 3	71	13	20			1.2		
5	Ho# 8	205	6	20			2.0		
5	Ho# 9	51	8	90			2.4		
5	Ho#10	38	9	10			7.2		
5	Ho#11	52	3	50			2.5		
5	# 17							2	
5	# 18							560	
5	# 47	1050		33	6		1.60	10	
5	# 76	26		10	2		-.1	25	
5	# 85	6	1	70	2	2218	.1	8	
5	# 86	719	1	498	3	1837	.1	2	
6	#100A	6027						9	
6	#102B	13996						116	
13	# 22	353		51	20		2.24	10	
13	# 23	30		70	24		2.80	ND	
13	# 26	6750		40	12		2.46	ND	
13	# 48	13		71	6		1.44	15	
13	# 49	3940		14	5		.48	10	
13	# 77	99		140	10		-.1	20	
13	# 78	.24%		79	6		-.1	10	
13	# 87	34	1	86	4	1390	.1	1	
13	# 88	11776	2	61	13	1068	.6	4	
13	# 89	4162	1	17	2	798	.2	1	
13	# 90	133	1	37	4	811	.1	1	
13	# 91	3848	1	38	2	914	.4	8	
14	# 27	265		42	8		1.12	10	
15	# 11	30	2	109	11	209	.1	1	
15	# 28	125		42	8		.88	10	
16	# 31	75		25	12		.88	100	

Zone	Sample	Cu ppm	Mo ppm	Zn ppm	Pb ppm	Mn ppm	Ag ppm	Au ppb	As ppm
17	# 12	14	1	4	2	94	.1	3	
17	# 50	58		9	5		.48	10	
17	# 51	23		11	6		.48	ND	
17	# 52	20		6	7		.16	ND	
17	# 53	70		21	8		.64	10	
17	# 79	61		18	1		-.1	5	
17	# 80	64		6	1		.1	10	
17	# 92	63	1	88	3	399	.1	1	
17	# 93	57	1	7	2	103	.1	1	
17	BB# 10	428	5	16			1.7		

*note: samples - #97-#109, #137-#139 have not yet been received.

EXPENDITURES:

Rentals - 1984 Ford Ranger 4x4 - 24 days X $40.00/day		$ 960.00
Room & Board - 24 days X $50.00/day X 2 persons		$ 2,400.00
Labour: Foreman - 24 days X $130.00/day		$ 3,120.00
Compassman - 24 days X $120.00/day		$ 2,880.00
Travel Expense - 24 days X $15.00/day		$ 360.00
Prospecting materials & supplies		$ 300.00
	TOTAL	$10,020.00

STATEMENT of QUALIFICATIONS:

I, Sheran Paterson, of 150 Mile House, B.C., do certify that:

- I am a prospector holding a valid Free Miner's Permit
- I have attended: The Prospector's Course at Cariboo College, 1979, (instructor - Gary Bysouth, senior geologist, Gibralter Mines Ltd., McLeese Lake, B.C.)
- I have completed the Advanced Mineral Exploration Course for Prospectors': Ministry of Energy, Mines & Petroleum Resources, B.C., Northwest College, Terrace, B.C., 1982
- I have completed Mineralogy 12: British Columbia Ministry of Education
- From 1978 to the present, I have been actively engaged in field exploration for precious metals
- I have been personally involved in this geological program and have organized the results

Sheran Paterson

Sheran Paterson

FMC 292484

Owner/operator

HOBSON I claim, R.C. 8753
(20 UNITS)

MT. BREW
NTS 93A/11W
Latitude 52° 36' 30", Longitude 121° 22' 30"

LEGEND

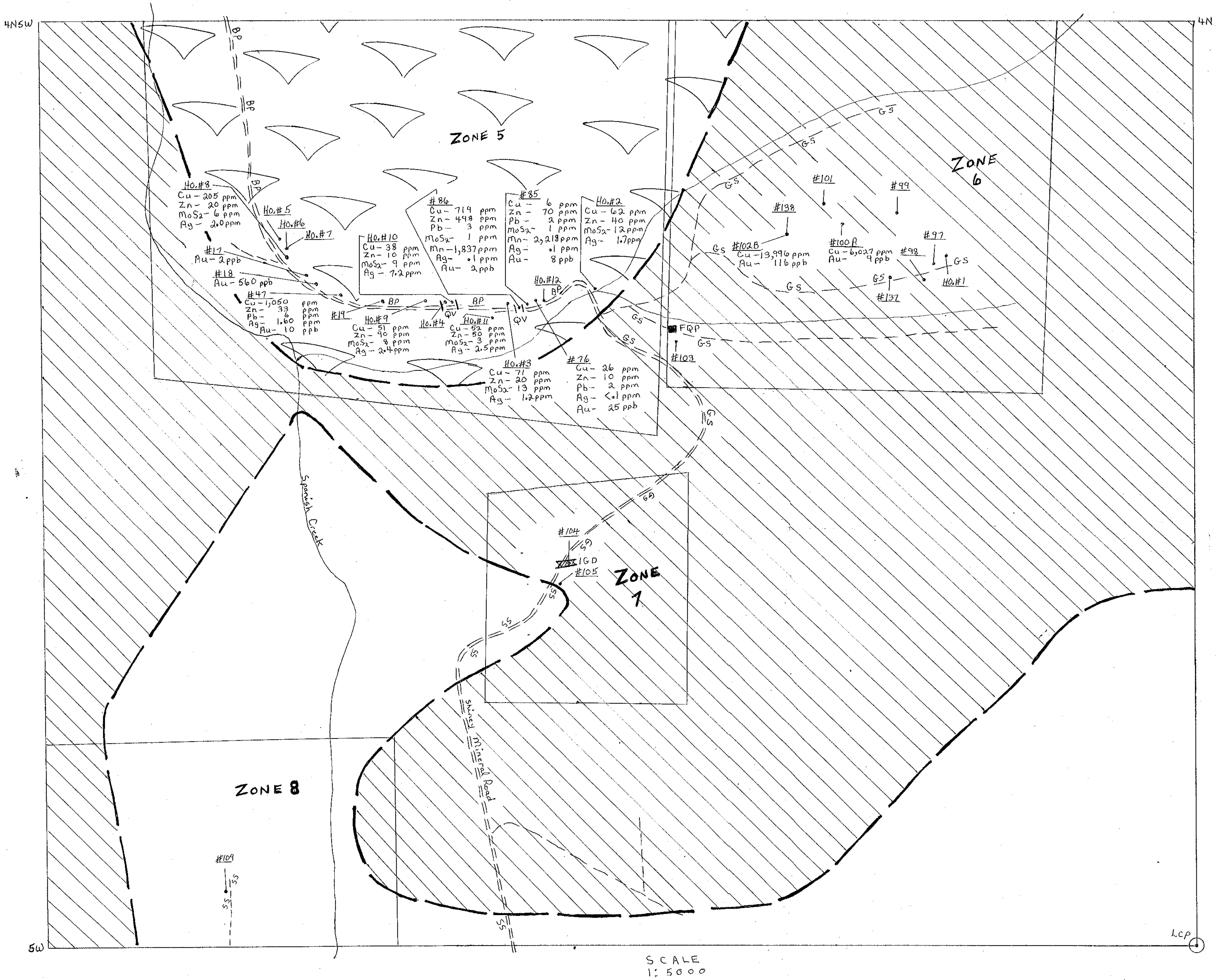
- Chlorite rich sediments (greenstone)
- Volcanic Breccia mass (marine)
- Sericite SCnist mass
- Black phyllite mass

GS	marine strata bound chlorite rich sediments
VB	marine volcanic breccia
SS	sericite schist
BP	graphitic black phyllites
BPb	black phyllites with metal sulphide bands
AMP	crooked amphibolites
DMm	dolomitic mass with mariposite
// QV	quartz vein
	contact
	zone
#1	sample & location
	roads
	creek

Boundaries & posts located by pace & compass, using 1:31680 - claims map & 1:15840 forestry mylar maps

By: Sheran Paterson, 1988.

FIG. 3



SCALE
1: 5000

0 125 250
1 inch = approximate meters
0 400 800
1 inch = approximate feet

HOBSON 2 claim - R.C. 8754
(20 UNITS)

MT. BREW
NTS 93 A/11W

Latitude 52° 37' 30", Longitude 121° 22' 30"

LEGEND

- Chlorite rich sediments (greenstone) mass
- Sericite schist mass
- Black phyllite mass
- GS marine stratabound chlorite rich sediments
- BP graphitic black phyllites
- SS sericite schists
- IGD igneous flow (dyke)
- FQP feldspar quartz porphry
- // QV quartz vein
- contact
- # sample location
- roads
- creek
- zone

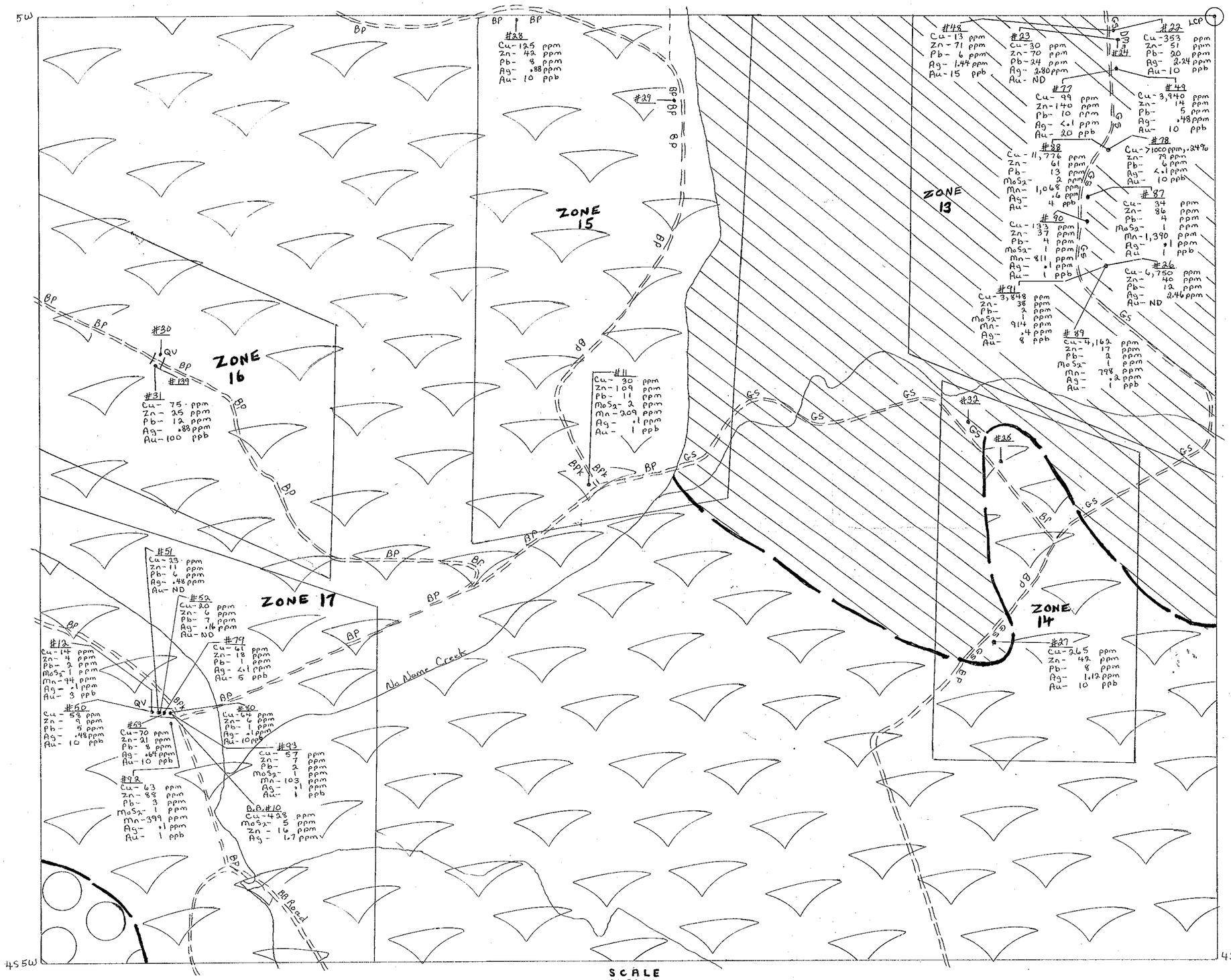
Boundaries & posts located by pace & compass, using 1:31680 claims map & 1:15840 forestry mylar maps

By: Sheran Paterson, 1988.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,912

FIG. 4



SCALE
1:5000

0 125 250
1 inch = approximate meters

0 400 800
1 inch = approximate feet

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,912

TED claim - R.C. 9221
(20 UNITS)

BLACKBEAR MOUNTAIN
NTS 93A/11W

Latitude 52° 37' 30", Longitude 121° 22' 30"

LEGEND

- Black Phyllite Mass
- Chlorite rich sediments (greenstone)
- Volcanic Breccia mass (marine)
- BP graphitic black phyllites
- BPK black phyllites noduled with carbonate fillings
- GS marine strata bound chlorite rich sediments
- // QV quartz vein
- zone
- contact
- # sample location and number
- roads
- creeks
- DMm ddomitic mass with mariposite

Boundaries & posts located by pace & compass, using 1:30680 claims map & 1:15840 forestry mylar maps
By- Sheran Paterson, 1988.

FIG. 5