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JAN 13 1994
FILE NO:

1993 REPORT
for the
SPANISH CREEK PROPERTIES
Cariboo Mining Division
NTS 93 A/11
Lat. 52° 40' 00", 52° 31' 00"
Long. 121° 26' 00", 121° 11' 00"

Owner: Merle Matherly,
Box 422,
150 Mile House, B.C.
VOK 2G0

Operators: Merle Matherly, Sheran Paterson,
Box 422,
150 Mile House, B.C.
VOK 2G0

FILMED

Report by: Sheran Paterson
October 25, 1993

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,212

ARIS SUMMARY SHEET

District Geologist, Prince George

Off Confidential: 94.10.25

ASSESSMENT REPORT 23212

MINING DIVISION: Cariboo

PROPERTY: Spanish Creek
LOCATION: LAT 52 40 00 LONG 121 26 00
UTM 10 5836125 605947
NTS 093A11W
CLAIM(S): Hobson 1-2
OPERATOR(S): Matherly, M.
AUTHOR(S): Paterson, S.
REPORT YEAR: 1993, 28 Pages
COMMODITIES
SEARCHED FOR: Gold, Silver, Copper, Lead, Zinc
KEYWORDS: Jurassic, Schists, Serpentinities, Quartz veins
WORK
DONE: Prospecting
PROS 500.0 ha
RELATED
REPORTS: 17912, 19415, 21610, 22437

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1.0 COVER LETTER

The Spanish Creek Properties constitute a Gold prospect located in the Cariboo-Quesnel Gold Belt, 110 kilometres northeast from the city of Williams Lake in north-central British Columbia.

The geologic setting formed by the Eureka Thrust Fault, defines the boundary between two major tectonic plates, the Intermontane and Omenica belts.

The 1993 exploration program outlined a second gold bearing system within the recently discovered, Brew West (pyrite altered) Shear.

A second sizable pyrite alteration, Gary B., was located and identified along Upper Spanish Creek.

Further mapping demonstrated areas of concentrated quartz networking; believed to represent a stockwork system indicated in the 1989 soil survey (re: Report No. 19415).

All exploration work-reference Assessment Reports: 1988-No. 17751, 17912/ 1989-No. 19415/ 1991-No. 21610/ 1992-No. 22437; and the work employed during 1993, demonstrates that advanced and more detailed exploration is necessary for this Gold prospect.

2.0 REGIONAL HISTORY

The project area is situated near four, present-day, major deposits with economic potential: Mt. Polley copper-gold project, located 20 kilometres slightly southwest/ QR gold deposit, located 30 kilometres northwest/ Eaglet fluorspar deposit, located 20 kilometres slightly southeast/ Frasergold, Eureka Peak, gold prospect, located 50 kilometres southeast.

Recent placer mining activity is presently in existence in the area: Cedar Creek, Lower Spanish Creek, Cariboo River, Keithley Creek, Winkley Creek, Antler Creek, and many others.

From 1978 to 1980, Gavex Gold Mines held placer claims on upper Spanish Creek in the southern portion of the project properties; and old placer posts, dating 1950's, have been discovered on No Name Creek situated west of the properties.

This area has a known hardrock and placer mining history dating as early as the mid 1800's. Some old mining sites existed relatively near the Spanish Creek Properties: Cariboo-Hudson Mine; Au, Ag, W, Pb, Zn; located 30 kilometres due north; Roundtop Mtn. at Cunningham and Simlock Creeks/ Providence (Independence); Ag, Pb; located about .5 kilometres northwest; Blackbear Mtn. at Blackbear Creek/ Bullion Pit; placer gold; Cariboo River; located 19 kilometres slightly northwest/ Cedar Creek; placer gold; Spanish Mtn.; located 13 kilometres almost due west/ Golden Horn; placer gold; Mt. Warren at Winkley Creek; located 15 kilometres slightly southwest/ Kitchner; placer gold; Keithley Creek; located 19 kilometres slightly northwest on Keithley Creek Mtn.

3.0 PROPERTY HISTORY

The target mineralization on the properties is gold. Thrust zones and known faults are of particular interest with some emphasis on contacts between rock units (et al. Geology, Quesnel Lake - west half - British Columbia, G.S.C. Map 3 - 1961).

Preliminary study of the Spanish Creek area, 1981 to 1983, led to the discovery of one zone, and hand-pick rock specimens collected from veins, quartz with galena, in sericite schist revealed notable silver, lead and some gold values.

Further investigation, 1988, discovered mineralization in chlorite and sericite schists and black phyllite rock units over various locations of the properties. Significant copper, silver, lead and some gold values were determined from analyzed hand-pick rock specimens.

A large soil survey conducted over four square kilometres, 1989, identified extensive gold, silver, copper, lead and zinc in-soil anomalies that may be representative of a stock network.

Mapping and rock sampling, 1991, outlined two zones, mineralized clusters of quartz veins in chlorite schist carrying significant gold, silver and copper values. Follow-up soils over one zone determined that mineralization exceeds one hectare.

Mapping and rock sampling, 1992, outlined a significant pyrite altered shear zone, Brew West. This zone is visible at the surface for approximately 25 hectares and is host to gold bearing quartz systems.

Mapping and rock sampling, 1993, outlined another gold bearing quartz system within the Brew West Shear.

Also in 1993, a second sizable pyrite altered zone, Gary B., was located and identified along the western flank of Upper Spanish Creek.

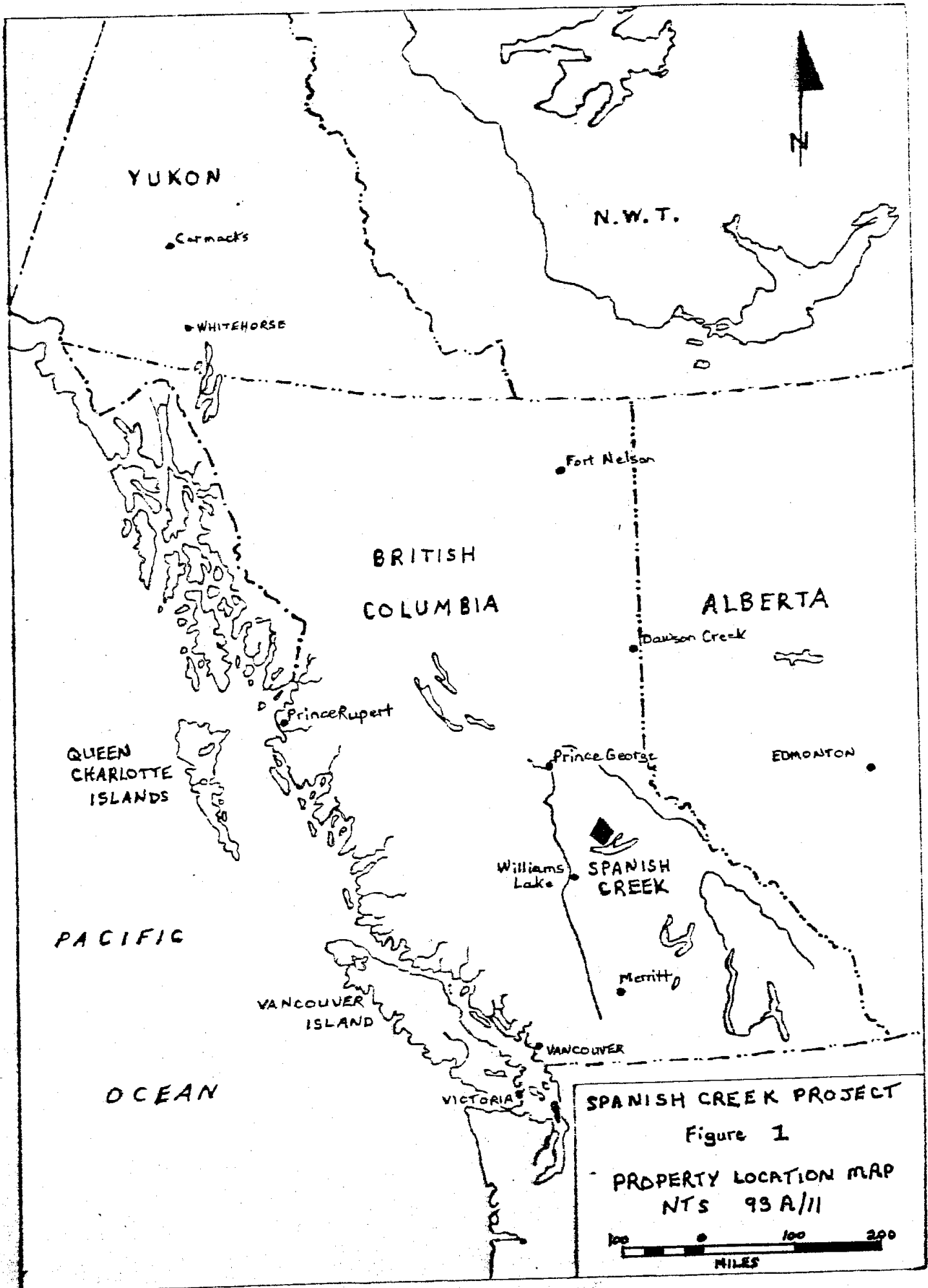
The 1993 work program described in this report was employed during the period between October 26, 1992 to October 25, 1993.

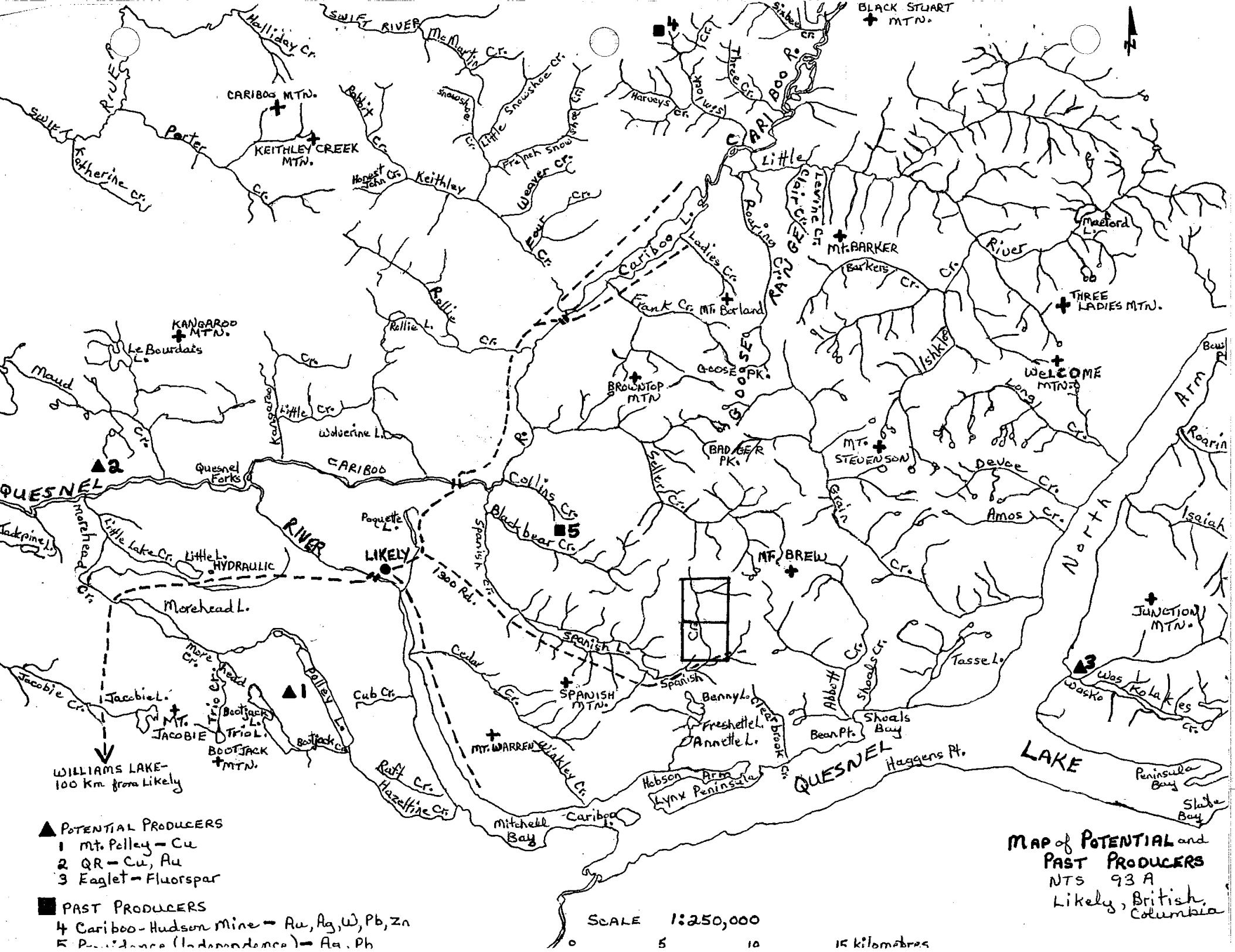
4.0 LOCATION and ACCESS

The Spanish Creek Properties are located 110 kilometres northeast from the city of Williams Lake in north-central British Columbia as shown on Figure 2.

Access is provided by paved road to the community of Likely from Williams Lake, and the remaining 20 kilometres by the 1300, Spanish Lake, forestry road.

The properties are cut by two drainage systems, known to carry flour gold, that flow into Spanish Lake. The claims lie on the east and west flanks of Upper Spanish Creek between Mount Brew and Blackbear Mountain. The area is of moderate relief and very well logged providing excellent access to and through the properties by old and new roads.





5.0 PHYSIOGRAPHY and CLIMATE

The properties are situated northwest from the north shore of Quesnel Lake. This region is fairly mountainous terrain of moderate relief with elevations averaging 1200 to 1600 metres; the exception is Mount Brew whose height reaches up to 2000 metres.

The environment offers many water courses, lakes, and is well forested with spruce, fir, pine, cedar and poplar trees, and foliated with broadleaf vegetation. The properties are almost entirely clear cut from logging activities.

Reasonable weather conditions for exploration work may be expected from the end of May to the end of October. Winter snow pack can occasionally reach three to five metres.

6.0 CLAIM STATUS

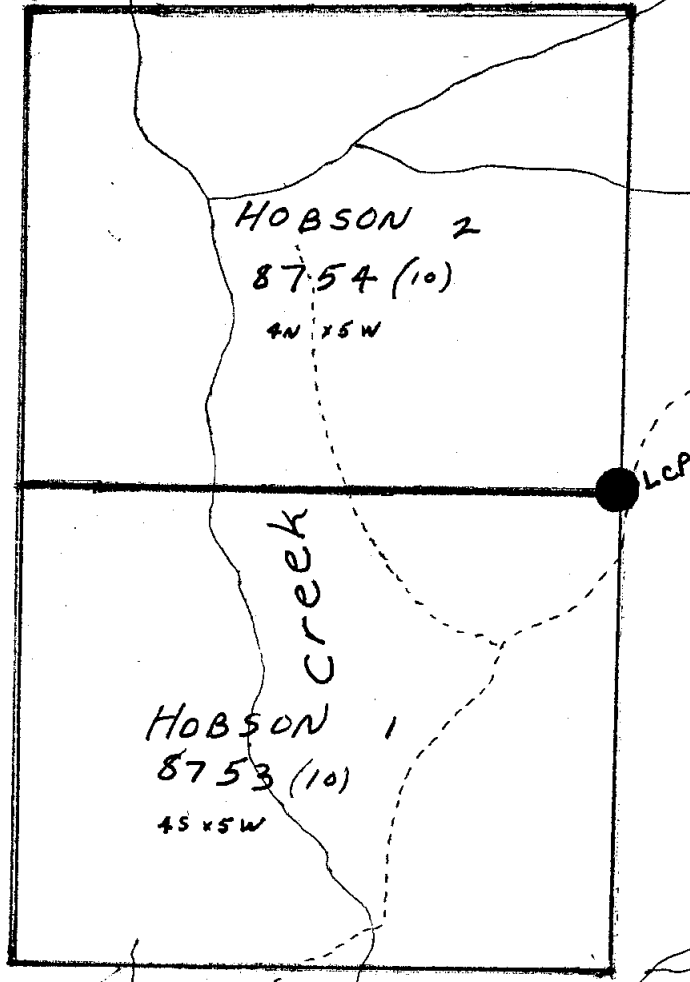
This prospect presently consists of 2 contiguous claims, totalling 40 units, 1000 square hectares, as shown on Figure 3.

Table 1 - Mineral Claim Schedule

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Yr. Staked</u>
Hobson 1	20	8753	Oct. 28/87.
Hobson 2	20	8754	Oct. 28/87.



TO WEST SEE MAP 93A/11W



HOBSON 2
8754 (10)
4N x 5W

HOBSON 1
8753 (10)
4S x 5W

creek

LCP

Spanish

CLAIMS MAP
Mount Brew
NTS 93 A/11

SCALE 1:31680

1 inch



7.0 REGIONAL GEOLOGY

The Spanish Creek project area lies within the Quesnel Terrane, Triassic and Jurassic, pelitic and volcanic rock of the Intermontane belt, where the Eureka Thrust Fault defines the boundary between the Omenica, Barker-ville Terrane, and Intermontane tectonic belts. Mineralization occurs in quartz veins and as disseminations.

8.0 PROPERTY GEOLOGY

Numerous rock units have been identified:

chlorite schist :

- occurs for a minimum 4 square kilometres
- in contact with phyllite and sericite schists
- chlorite-rich, copper-rich (mostly chalcopyrite, malachite), much carbonated (ankerite, siderite), quartz veins and lenses, some epidote veins
- 2 sizable pyrite alteration zones occur in this unit

sericite schist :

- in contact with chlorite schist
- contact with chlorite schist is known to be defined by dolomitic mass with mariposite, and serpentinite
- commonly contains quartz lenses and veins

black phyllite :

- Triassic, Cariboo series
- four recognized units: greasy, graphitic with pyrites/carbonate coated vesicles in light honey-combed phyllite/banded metals in carbonated graphitic phyllite/knotty phyllite with carbonate nodule fillings
- in contact with chlorite schist and green volcanic breccia
- commonly contains quartz veins and lenses

volcanic breccia :

- occurs in west portion of properties and trends north-west
- green, marine origin
- silica-rich, carbonated

dolomitic mass :

- with mariposite
- appears to occur mostly at contacts between chlorite and sericite schists

serpentinite :

- greasy, flaky, pale green to white colour
- occurs at contacts between chlorite and sericite schists

ultramafics :

- green, greasy, with carbonate phenocrysts
- occurs at a contact of chlorite and sericite schists which sandwich mariposite
- sometimes has large pyrite cubes
- malachite stain occurs in this rock; south end of GB road

propylite :

- altered greenstone-like andesitic rock resulting from hydrothermal alteration
- spotty exposures
- epidote-rich
- malachite stain occurs in this rock
- sometimes has metal disseminations

feldspar-quartz porphyry :

- occurs as dykes in the iron-rich sericite facies along the GB road; Gary B. zone

9.0 MINERALIZATION :

9.1 Types

The properties have recognized types of mineralization:

- quartz veins in which the metals: chalcopryite, galena, pyrites and malachite; occur massive, as vug fillings, stains; sometimes disseminations in chlorite and sericite schists and phyllites
- concordant and transgressive quartz carbonate lenses with metals such as chalcopryite, pyrites and malachite occur mostly as disseminations, vug fillings, stains and sometimes massive in chlorite and sericite schists and phyllites
- disseminated metals occur in: chlorite schist (chalcopryite, pyrites), black phyllite (pyrites), sericite schist (pyrites), concordant and transgressive quartz carbonate lenses (chalcopryite, pyrites, malachite)
- massive metals occur in: quartz veins (chalcopryite, galena, malachite, pyrites) in chlorite and sericite schists and phyllite rocks; quartz carbonate lenses in chlorite schist (chalcopryite, some malachite, pyrites); quartz lenses in sericite schist (pyrites); quartz lenses in phyllites (pyrites); quartz veins (pyrites)

- banded metals occur in: chlorite schist (pyrites) and phyllites (pyrites).
- carbonates (ankerite, siderite) occur: massive in quartz lenses in chlorite schist, phyllites and ultramafics; as various sized phenocrysts in chlorite schist, ultramafics, phyllites, volcanic breccia and serpentinite; as a body of dolomitic mass with malachite at contacts between chlorite and sericite schists.
- metal disseminations also occur in propylite rock and in massive chromite
- malachite staining is common to all greenstone rock types

9.2 Zone Description (Fig. 4)

Brew West

Brew W. is located in the southeast corner of Hobson 2 claim, and is accessed by travelling 2 kilometres along the Shiny Mineral road and 1 kilometre east along the BW road.

A metre wide quartz vein (M2 zone), sometimes measuring more than 2 metres wide, generally trends at 30° north and occurs more than 100 metres visible strike length within the pyrite altered shear. The quartz and occasionally the wallrock is mineralized with pyrite disseminations and blebs. Surface reconnaissance chip sampling along the vein strike length has shown some high gold values. Analyzed rock samples have returned anomalous values up to: quartz - 175 parts per billion - gold/ wallrock - 285 parts per billion - gold.

One metre wide quartz veins (MOTHER zone) more than 100 metres visible strike length, trending 30° north, also occur in this shear zone, about 200 metres south from M2 zone. Reconnaissance chip sampling the northern end of each vein has returned anomalous values up to: quartz - 245 parts per billion - gold, 85 parts per million - copper, 118 parts per million - lead/ wallrock - 710 parts per billion - gold, 341 parts per million - copper, 124 parts per million - lead, 224 parts per million - zinc.

Sampling of M2 and MOTHER zones have returned anomalous gold values greater than 100 parts per billion from about 36% of the analyzed samples.

#3 Landing

#3 Landing is situated in the south central portion of Hobson 2 claim, and is accessed by travelling 2 kilometres north along the Shiny Mineral road, 400 metres east along the BW road, then going north for 200 metres.

Half metre wide quartz veins, generally trending 300°, occur in a sericite schist alteration facies that is in contact with a nearby chlorite schist alteration.

Gary B.

Gary B. area is situated in the northwest portion of Hobson 2 claim, and is accessed by travelling about 3.5 kilometres north, then 1 kilometre west along the Shiney Mineral road crossing Upper Spanish Creek to GB road.

An extensive pyrite alteration facies, Gary B., occurs for about 800 metres along the northern portion of GB road. Feldspar quartz porphyry dykes occur in this facies.

MA zone occurs in the southwest portion of Hobson 2 claim and is at the southern end of GB road. This zone hosts chloritic ultramafic rocks with carbonate phenocrysts; mariposite, serpentinite and massive chromite.

10.0 ROCK GEOCHEMISTRY, GEOLOGIC MAPPING

Two persons applied 12 days conducting rock geochemistry and mapping over a gold bearing Shear ; locating and mapping a second pyrite alteration facies; and mapping quartz occurrences.

The program began with mapping to locate and identify quartz occurrences believed to be representative of a stock-work system as indicated from the 1989 soil survey (Fig. 5, 6).

Further mapping located a second pyrite alteration zone, Gary B., over 800 metres length; and identified specific rock types possibly related to fault structure, MA zone (Fig. 5).

Mapping over one zone, #3 Landing, 100m by 100m, shows specific quartz networking near a chlorite and sericite schist contact (Fig. 6).

Geologic mapping and reconnaissance chip sampling was conducted over M2 zone, Brew W. area. Chip samples of quartz and/or wallrock were collected at about 10 metre intervals for 100 metres strike length along the north quartz vein, and for 40 metres strike length along the south vein. A total of 16 samples were collected and chemically analyzed, 31 element (Fig. 7,8).

Several rock specimens were collected from chosen sites along the upper MOTHER quartz veins. A total of 5 samples: quartz or wallrock were taken and chemically analyzed, 31 element (Fig. 7,8).

A sample was also collected from local propylitic float rich with disseminated metals, and was subsequently analyzed chemically, 31 element (Fig. 7,8).

11.0 INTERPRETATION

The anomalies displayed by gold may be reflecting economically significant, concentrations of this metal in the underlying or nearby bedrock. This interpretation is supported by the fact that gold anomalies tend to define strong trends, which clearly contrast from the background values.

Gold is the primary target and will be given priority in follow-up. The present outlined zones in the Brew West Shear are considered adequate to target further geochemistry and machine trenching.

12.0 CONCLUSIONS

1. The Spanish Creek properties are almost entirely underlain by middle triassic to early Jurassic sedimentary and volcanic rocks of the Quesnel Terrane.
2. Alteration and mineralization are likely associated with fault structures and contacts between rock units.
3. Extensive chlorite-rich zones trend northwest across the Hobson 2 claim. Anomalous gold, silver and copper values are indicated in this claim.
4. Significant gold values were determined in a sizable pyrite altered Shear zone.
5. A second large pyrite altered zone warrants further investigation.
6. The present outlined gold targets in the Brew W. Shear are considered adequate to target further geochemistry and machine trenching.

13.0 RECOMMENDATIONS

Geologic mapping, machine trenching and geochemistry are recommended for the gold bearing systems, M2 and MOTHER zones, within the Brew West Shear.

14.0 STATEMENT of EXPENDITURES

The following table outlines the 1993 expenditures incurred on the claims.

Table 2 - Statement of Expenditures

Salaries (geochemistry, geologic mapping)

M. Matherly 12 days @ \$200/day	\$ 2,400.00	
S. Paterson 12 days @ \$200/day	<u>2,400.00</u>	
		\$ 4,800.00

Camp Costs

12 days @ \$40/day x 2 persons	\$ <u>960.00</u>	
		\$ 960.00

Vehicle Costs

12 days @ \$50/day	\$ <u>600.00</u>	
		\$ 600.00

Report Preparation

S. Paterson, 1 day @ \$200/day	\$ <u>200.00</u>	
		\$ 200.00

Total

		\$ <u>6,560.00</u>
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15.0 STATEMENT of QUALIFICATIONS

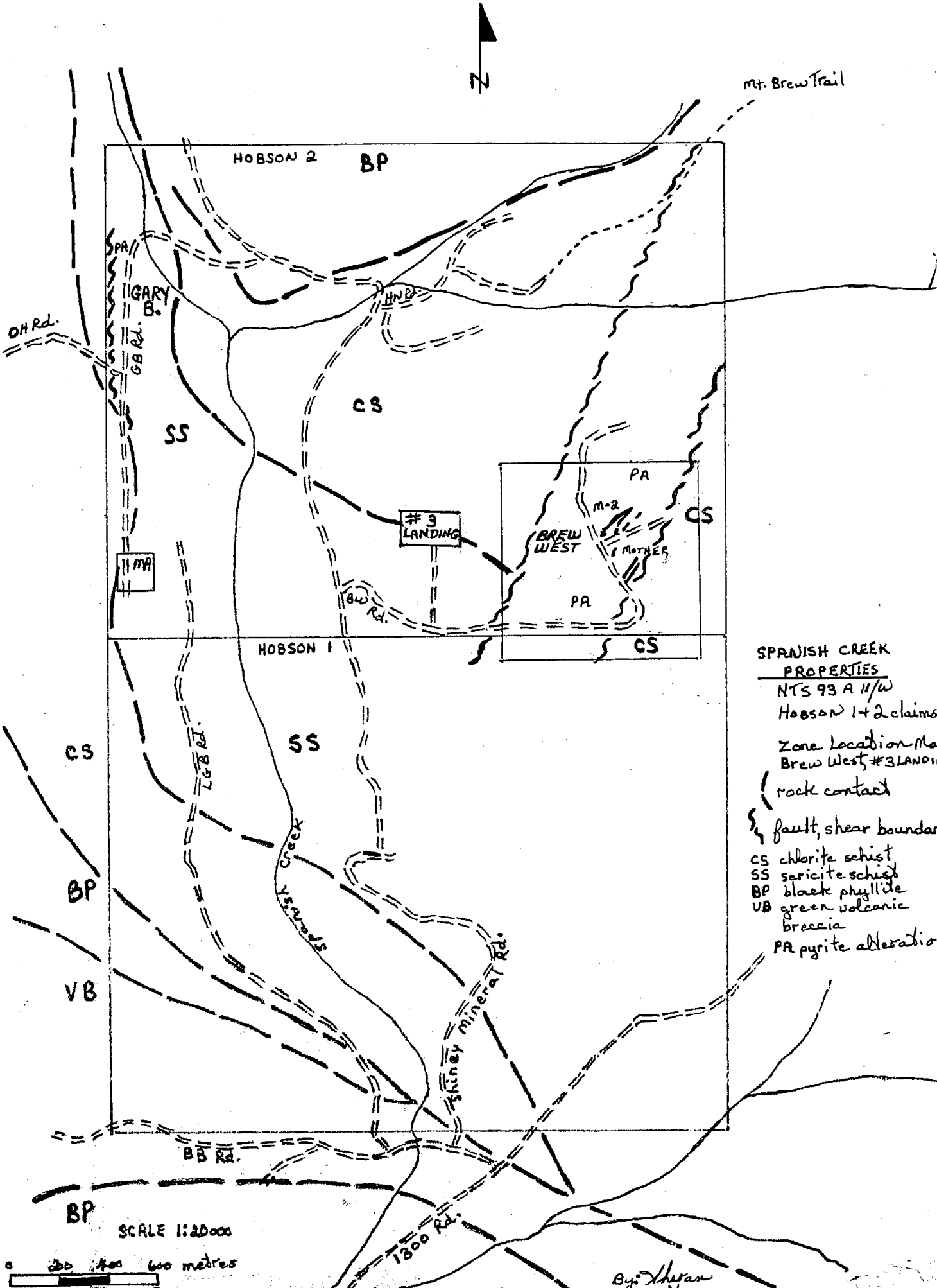
We, Mr. Merle Matherly and Ms. Sheran Paterson, of 150 Mile House, B.C. do certify that:

1. We are prospectors and maintain valid free miner's permits.
2. We have attended the Prospector's Course at Cariboo College, 1979, (instructor: Dr. Gary Bysouth, senior geologist, Gibraltar Mines Ltd., McLeese Lake, B.C.)
3. We have completed the Advanced Mineral Exploration Course for Prospectors, Ministry of Energy, Mines and Petroleum Resources, B.C. :
Merle Matherly at David Thompson University Centre, Nelson, B.C., 1981
Sheran Paterson at Northwest College, Terrace, B.C., 1982
4. From 1978 to the present, we have been actively engaged in field exploration.
5. We personally executed and supervised the work program as described, and have compiled and analyzed the resulting data.

Merle Matherly

Sheran Paterson

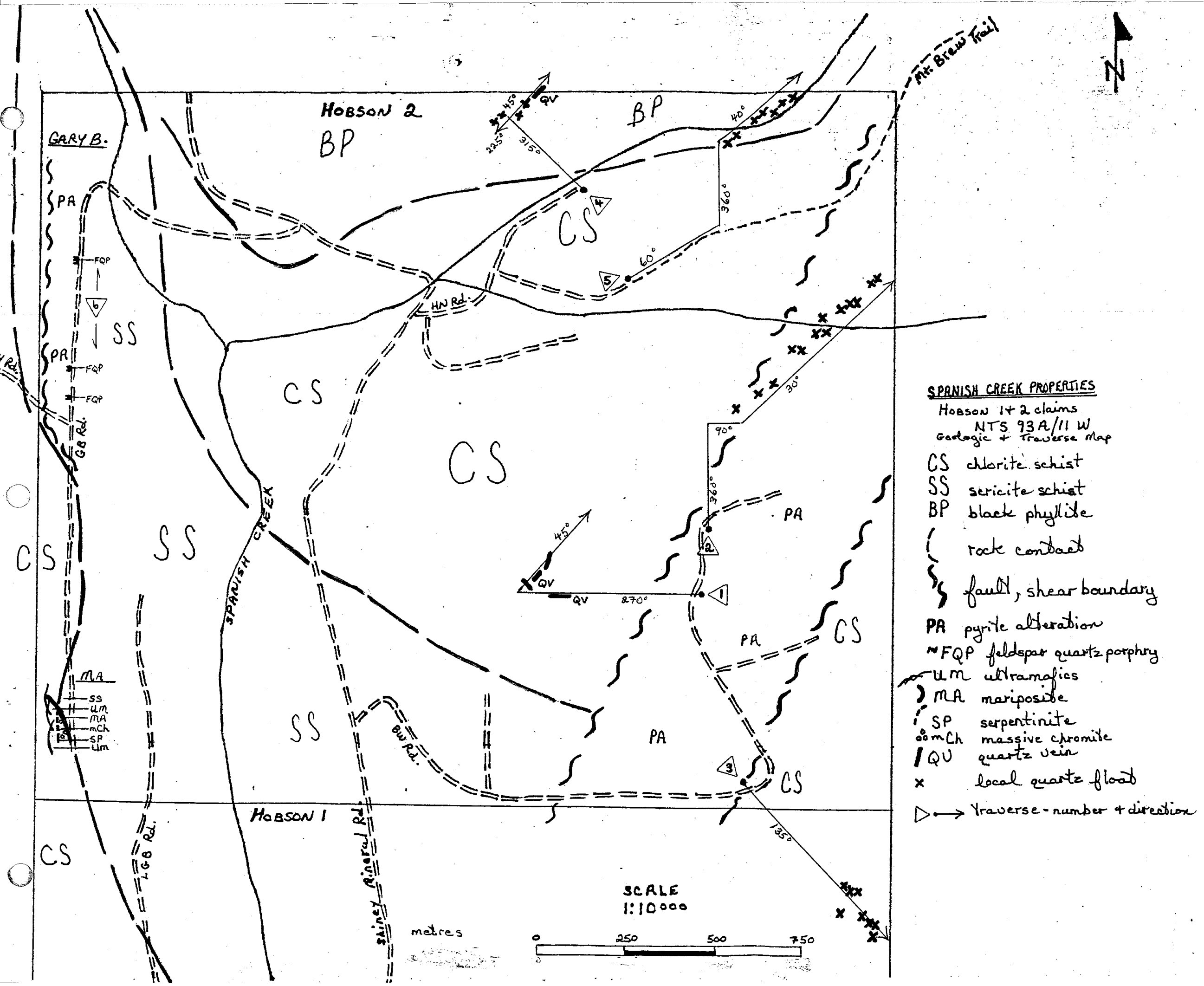
FIG. 4



SPANISH CREEK PROPERTIES
 NTS 93 A 11/W
 Hobson 1 + 2 claims
 Zone location Ma
 Brew West, #3 LANDING
 () rock contact
 { } fault, shear boundary
 CS chlorite schist
 SS sericite schist
 BP black phyllite
 VB green volcanic breccia
 PA pyrite alteration

SCALE 1:20000
 0 200 400 600 metres

By: Sharon Paterson 1993



SPANISH CREEK PROPERTIES

Hobson 1 + 2 claims
 NTS 93A/11 W
 Geologic + Traverse Map

- CS chlorite schist
- SS sericite schist
- BP black phyllite
- (rock contact
- fault, shear boundary
- PA pyrite alteration
- FQP feldspar quartz porphyry
- UM ultramafics
- MA mariposite
- SP serpentinite
- mCh massive chromite
- QU quartz vein
- x local quartz float
- △ → Traverse - number + direction

SCALE
 1:10000



By: *Sharon Peterson, 19*

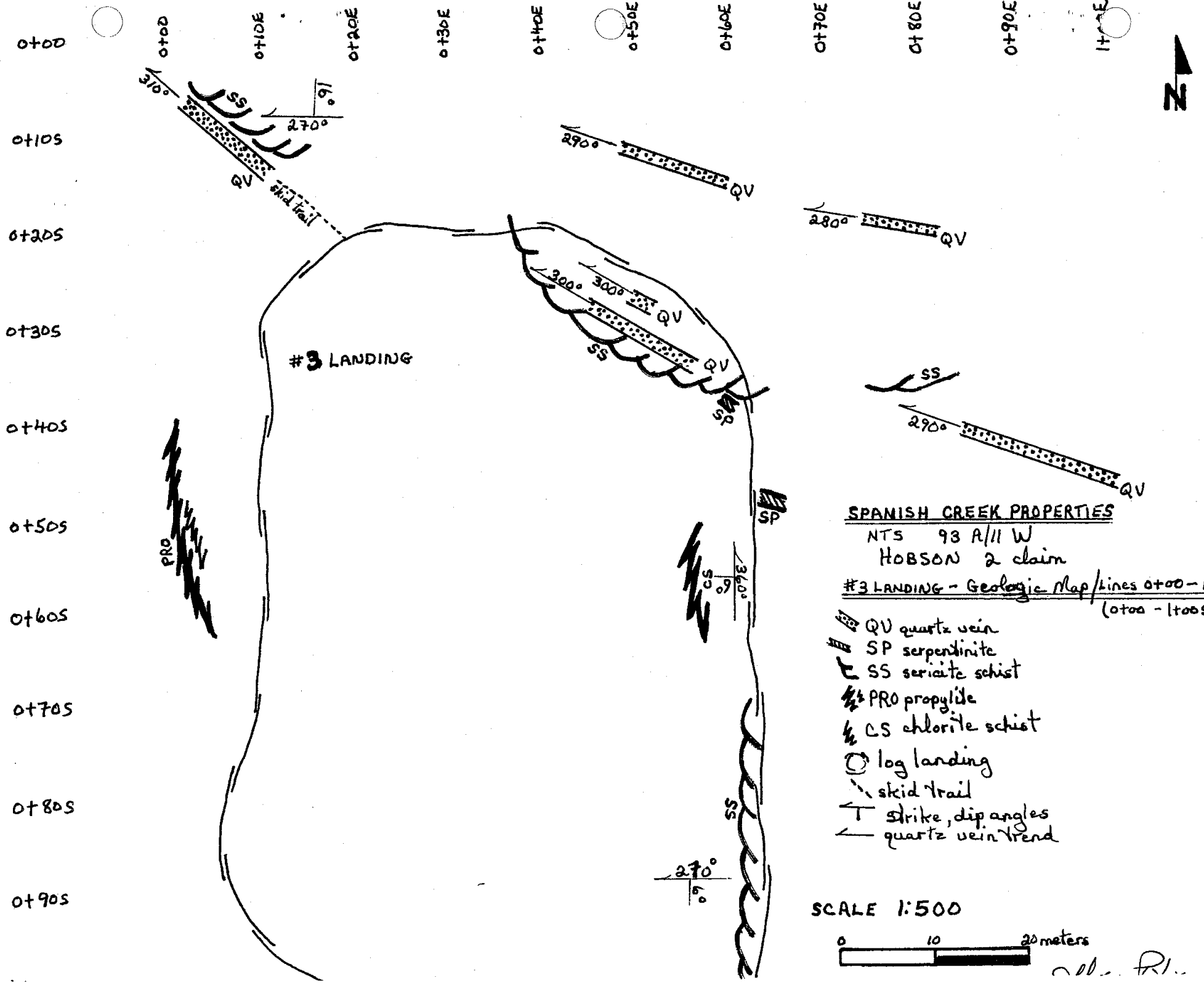
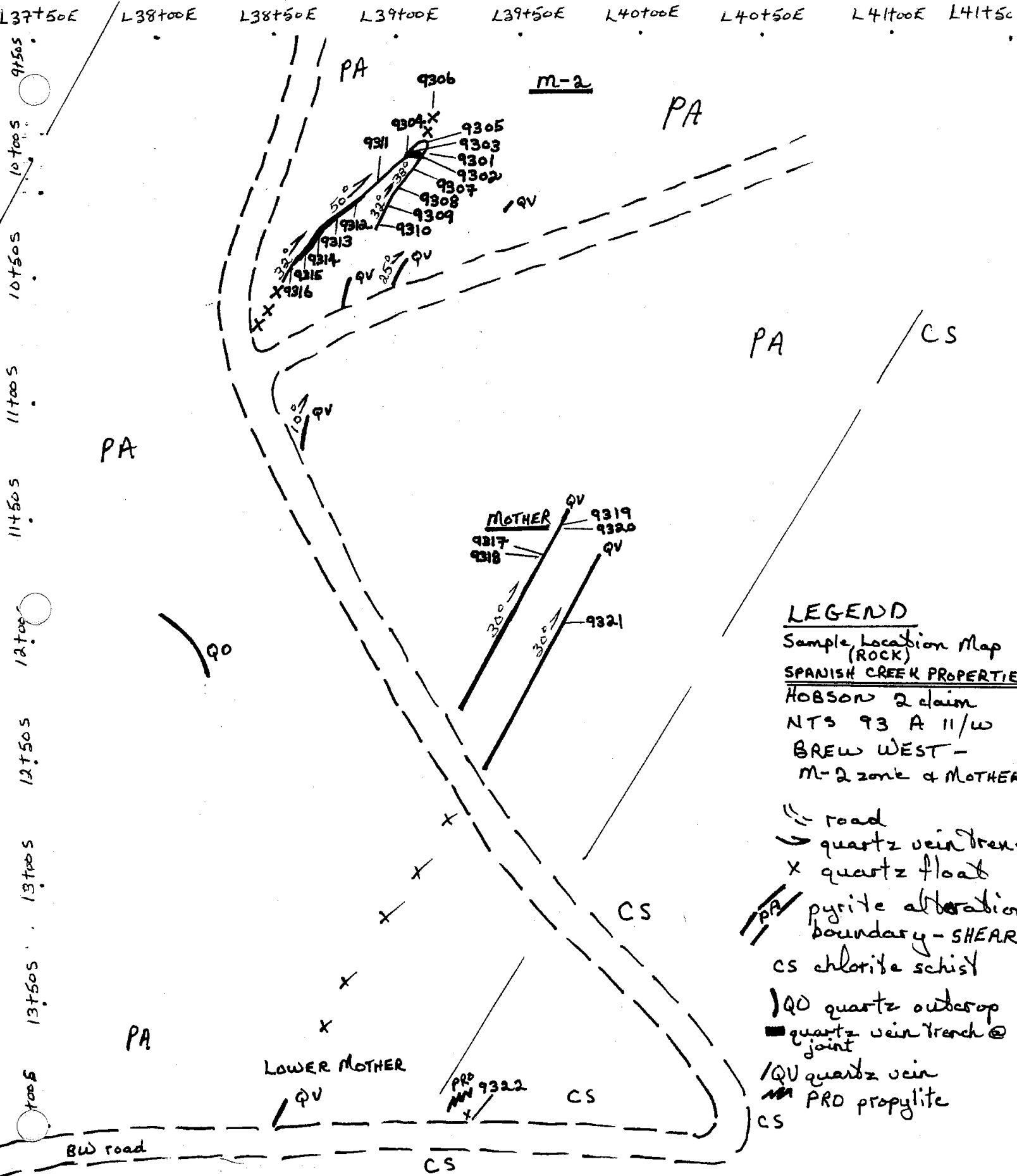
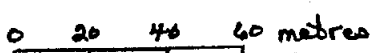


FIG. 6



- LEGEND**
- Sample Location Map (ROCK)
 - SPANISH CREEK PROPRIETIE
 - HOBSON 2 claim
 - NTS 93 A 11/w
 - BREW WEST -
 - M-2 zone & MOTHER
 - road
 - quartz vein trench
 - x quartz float
 - PA pyrite alteration boundary - SHEAR
 - CS chlorite schist
 - QO quartz outcrop
 - quartz vein trench @ joint
 - QV quartz vein
 - PRO propylite

SCALE 1:2000

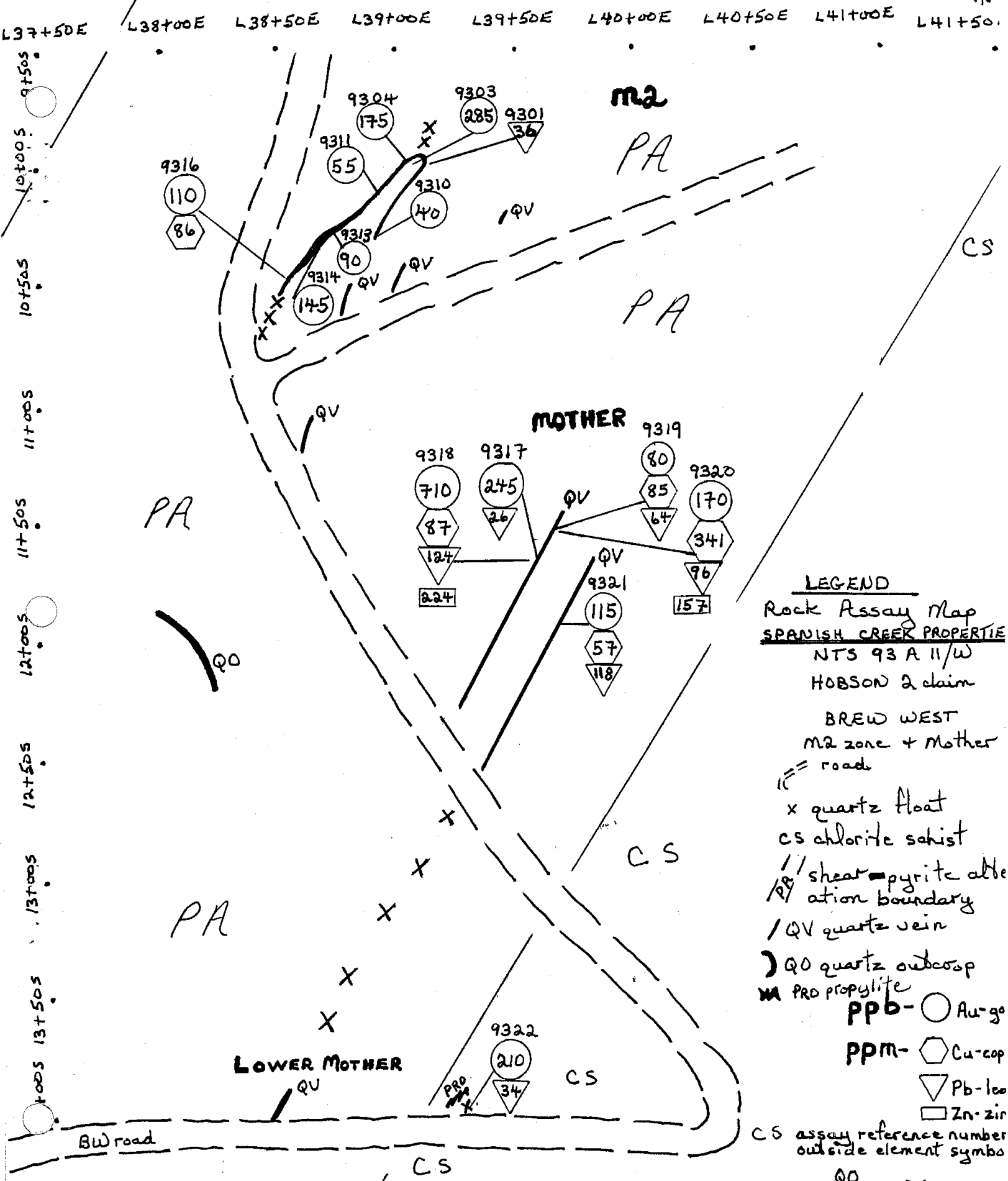


L37+50E L38+00E L38+50E L39+00E L39+50E L40+00E L40+50E L41+00E L41+50E

5050 5150 5250 5350 5450 5550 5650 5750 5850 5950 6050 6150 6250 6350 6450 6550 6650 6750 6850 6950 7050 7150 7250 7350 7450 7550 7650 7750 7850 7950 8050 8150 8250 8350 8450 8550 8650 8750 8850 8950 9050 9150 9250 9350 9450 9550 9650 9750 9850 9950

... shown D...

FIG. 8



LEGEND
 Rock Assay Map
SPANISH CREEK PROPERTIES
 NTS 93 A 11/W
 HOBSON 2 claim
 BREW WEST
 m2 zone + Mother
 == road
 x quartz float
 CS chlorite schist
 / / shear - pyrite alteration boundary
 / QV quartz vein
 QO quartz outcrop
 PRO propylite

ppb - ○ Au-gold
 ppm - ◡ Cu-copper
 ◡ Pb-lead
 ◡ Zn-zinc

CS assay reference number outside element symbols

SCALE 1:2000
 0 20 40 60 80 metres

SPANISH CREEK PROPERTIES, NTS 93 A/11 W

Rock Geochemistry and Geologic Mapping

Brew West - M2 ZONE

(chip samples taken along quartz vein strike lengths, approx. 10 metre intervals)

<u>SAMPLE</u>	<u>DESCRIPTION</u>
9301	86m north/ south side, southern quartz vein/ chlorite schist <u>wallrock</u> - weathered, small quartz lenses, much leaching iron/ sampled at shallow depth
9302	86m north/ southern quartz vein/ milky <u>quartz</u> with some leaching iron
9303	86m north/ chlorite schist <u>wallrock</u> from a 2m wide trench between quartz veins - at joint/ pyrite altered, much weathered
9304	86m north/northern quartz vein/ rotten, carbonated, much leached, iron-coated, fractured <u>quartz</u> / many iron seams/ some small pockets of honeycomb vesicles/ some disseminated pyrites
9305	90m north/ 2m across quartz vein joint/ rotten, rusty, much leaching iron, very iron-rich, vuggy <u>quartz</u> / some very minor metal disseminations/ some chlorite schist with quartz
9306	100m north/ <u>quartz float</u> over 10m further north from quartz vein joint/ local float, rotten, iron-stained, much vesiculed quartz
9307	80m north/ southern quartz vein/ some propylitic <u>chlorite schist</u> , some chlorite schist with metal disseminations/ some very rusty, somewhat vuggy, rotten <u>quartz</u> with some metal disseminations
9308	70m north/ southern quartz vein/ white <u>quartz</u> with some metal seams & disseminations; some very rusty, somewhat vuggy, rotten quartz with some metal disseminations/ very weathered <u>chlorite schist</u>
9309	60m north, along southern quartz vein/ local <u>quartz float</u> - rotten, rusty, much iron-leach, some metal disseminations
9310	50m north/ southern quartz vein - major quartz outcrop/ sericite & chlorite schist <u>wallrock</u> , much weathered & iron leached/ white <u>quartz</u> with much iron stain

- 9311 78m north/ northern quartz vein/ fractured, much iron leached, vesiculed quartz - very minor iron disseminations
- 9312 70m north/ 2.5m across northern quartz vein/ rusty, white quartz outcrop - some vug vesicules/ some very weathered wallrock
- 9313 60m north/ northern quartz vein/ rotten, somewhat vuggy, weathered iron leached quartz with minor metal disseminations
- 9314 50m north/ northern quartz vein/ large outcrop - rotten, rusty quartz with fairly good metal seams/ some minor wallrock
- 9315 40m north/ northern quartz vein/ large quartz outcrop - rotten, rusty, much iron leached quartz
- 9316 30m north/ large quartz outcrop - rotten, rusty, much iron leached quartz

Brew West - MOTHER ZONE

- 9317 about 63m north/ northern quartz vein (old smp. site, #321)/ hand pick specimen with fines - much weathered iron & much metal content in quartz
- 9318 about 63m north/ northern quartz vein, south side (old smp. site, #321)/ rotten weathered wallrock - much iron stain, much iron content
- 9319 about 75m north/ northern quartz vein/ hand pick with fines/ quartz with much leaching iron, some metal disseminations
- 9320 about 75m north/ northern quartz vein/ hand pick with fines/ wallrock
- 9321 about 57m north/ southern quartz vein (5m north from old smp. site, #315)/ mostly fines & some very rusty, much iron leached quartz

Brew West - LOWER MOTHER area

- 9322 along roadcut, about 110m west from sharp switch-back (old smp. site, #408)/ local greenstone float/ hand pick specimen - very rich with metal disseminations in propylite, some weathering

ECO-TECH LABORATORIES LTD.
 10041 EAST TRANS CANADA HWY.
 KAMLOOPS, B.C. V2C 2J3
 PHONE - 604-573-5700
 FAX - 604-573-4557

OCTOBER 8, 1993

VALUES IN PPM UNLESS OTHERWISE REPORTED

22 ROCK SAMPLES RECEIVED SEPTEMBER 28, 1993

PROJECT#: IK

ET#	DESCRIPTION	AU (ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1 -	9301	20	<.2	2.54	25	2	80	15	.51	<1	28	126	25	7.12	.24	10	1.98	355	8	<.01	13	250	36	5	<20	19	.19	<10	61	<10	14	50
2 -	9302	5	.2	.06	15	6	15	<5	.01	<1	1	346	11	.92	<.01	<10	<.01	76	19	<.01	4	10	2	<5	<20	<1	<.01	<10	<1	<10	<1	8
3 -	9303	285	.4	.30	90	2	35	<5	<.01	1	2	126	2	2.80	.14	10	<.01	48	7	<.01	<1	140	6	<5	<20	1	<.01	<10	1	<10	1	23
4 -	9304	175	<.2	.04	80	6	20	<5	.01	<1	2	460	5	1.67	<.01	<10	<.01	513	26	<.01	1	30	<2	<5	<20	1	<.01	<10	<1	<10	<1	5
5 -	9305	20	.2	.10	80	2	15	<5	<.01	1	1	213	3	1.58	.05	<10	<.01	64	12	<.01	<1	60	4	<5	<20	1	<.01	<10	<1	<10	<1	16
6 -	9306	15	.4	.01	50	2	5	<5	<.01	<1	1	416	4	1.55	<.01	<10	<.01	84	24	<.01	<1	30	<2	<5	<20	1	<.01	<10	<1	<10	<1	4
7 -	9307	5	<.2	.84	15	2	15	5	.25	<1	11	198	12	2.88	<.01	<10	.56	256	11	<.01	<1	100	12	<5	<20	9	.06	<10	38	<10	4	8
8 -	9308	10	.2	.17	20	2	20	<5	<.01	<1	2	243	9	2.13	.08	<10	<.01	70	14	<.01	<1	70	4	<5	<20	3	<.01	<10	<1	<10	<1	16
9 -	9309	10	.4	.15	50	2	20	<5	<.01	<1	2	290	5	2.48	.06	<10	<.01	76	17	<.01	<1	50	4	<5	<20	2	<.01	<10	<1	<10	<1	16
10 -	9310	40	.2	.22	40	2	25	<5	<.01	<1	4	217	12	3.11	.12	<10	<.01	82	12	<.01	7	80	4	<5	<20	3	<.01	<10	<1	<10	1	14
11 -	9311	55	<.2	.12	115	2	15	<5	<.01	1	3	250	2	2.90	.06	<10	<.01	95	14	<.01	1	100	2	<5	<20	<1	<.01	<10	<1	<10	<1	7
12 -	9312	20	.4	.41	40	4	20	<5	.04	<1	4	168	9	2.12	.06	<10	.21	128	9	<.01	3	110	16	<5	<20	2	.01	<10	7	<10	<1	16
13 -	9313	90	.2	.07	55	6	15	<5	<.01	<1	1	303	3	1.81	.02	<10	<.01	75	17	<.01	<1	30	4	<5	<20	1	<.01	<10	<1	<10	<1	7
14 -	9314	145	.6	.03	60	6	10	<5	<.01	<1	2	186	2	2.55	.01	<10	<.01	35	10	<.01	1	20	8	<5	<20	1	<.01	10	<1	<10	<1	10
15 -	9315	25	.2	.03	45	2	10	5	<.01	<1	3	263	11	3.20	<.01	<10	<.01	228	16	<.01	2	90	8	<5	<20	<1	<.01	<10	<1	<10	<1	18
16 -	9316	110	.4	.07	95	2	20	<5	<.01	1	2	164	86	2.42	.03	<10	<.01	100	9	<.01	<1	70	4	<5	<20	<1	<.01	<10	<1	<10	<1	4
17 -	9317	245	.2	.15	275	6	25	10	.01	3	8	293	22	10.22	<.01	<10	<.01	152	18	<.01	<1	200	26	<5	<20	1	<.01	10	36	<10	<1	59
18 -	9318	710	.8	.29	1540	6	70	50	.01	23	20	146	87	>15	.03	<10	<.01	179	9	<.01	2	670	124	<5	<20	3	<.01	30	119	10	<1	224
19 -	9319	80	.2	.23	155	2	20	<5	<.01	2	7	342	85	7.16	<.01	<10	<.01	442	19	<.01	3	240	64	<5	<20	2	.01	<10	42	<10	<1	85
20 -	9320	170	.2	.52	100	2	95	<5	.01	<1	55	123	341	>15	.23	<10	<.01	1187	7	.01	3	280	96	<5	<20	6	<.01	20	80	<10	<1	157

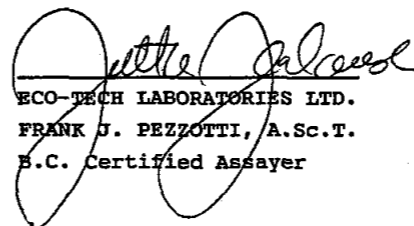
ET#	DESCRIPTION	AU (ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
21 -	9321	115	.2	.17	135	2	25	<5	<.01	1	10	176	57	7.82	.03	<10	<.01	276	9	<.01	9	230	118	<5	<20	3	<.01	10	34	<10	<1	96
22 -	9322	25	.2	2.68	10	4	50	30	.48	<1	83	127	210	>15	<.01	<10	1.90	469	9	<.01	15	170	34	5	<20	30	.21	20	86	<10	9	26

QC DATA

REPEAT #:

5 -	9305		.2	.13	75	2	15	<5	.01	1	3	204	8	1.69	.05	<10	<.01	69	11	<.01	1	60	4	<5	<20	<1	<.01	<10	1	<10	<1	17
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NOTE: < = LESS THAN
> = GREATER THAN


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 FRANK J. PEZZOTTI, A.Sc.T.
 B.C. Certified Assayer

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