

GEOLOGICAL REPORT

HOLLYWOOD CLAIM GROUP

Record No. 1652(8) to 1662(8)

STEWART AREA

British Columbia

SKEENA MINING DIVISION

NTS 104 B/1E

lat. 56° 10'N Long. 130° 08'W

Owner:

Dianne Kretschmar
R.R. #1
Severn Bridge, Ontario
POE 1N0

Contractors and Authors:

Ulrich & Dianne Kretschmar
R.R. #1
Severn Bridge, Ontario
POE 1N0

Operator:

HIMCO
3301 C St. #505
Anchorage, Alaska
99503

Date Submitted:

September 26th, 1980

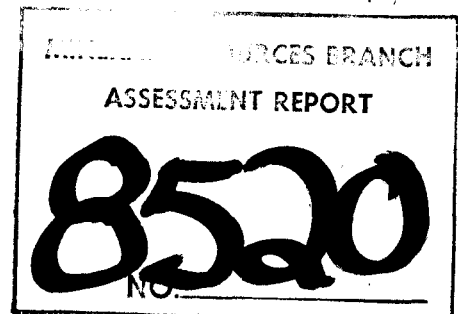


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INTRODUCTION

The Hollywood group lies on the north side of the Salmon glacier and to the southwest of Summit Lake, about 28 km northwest of Stewart.

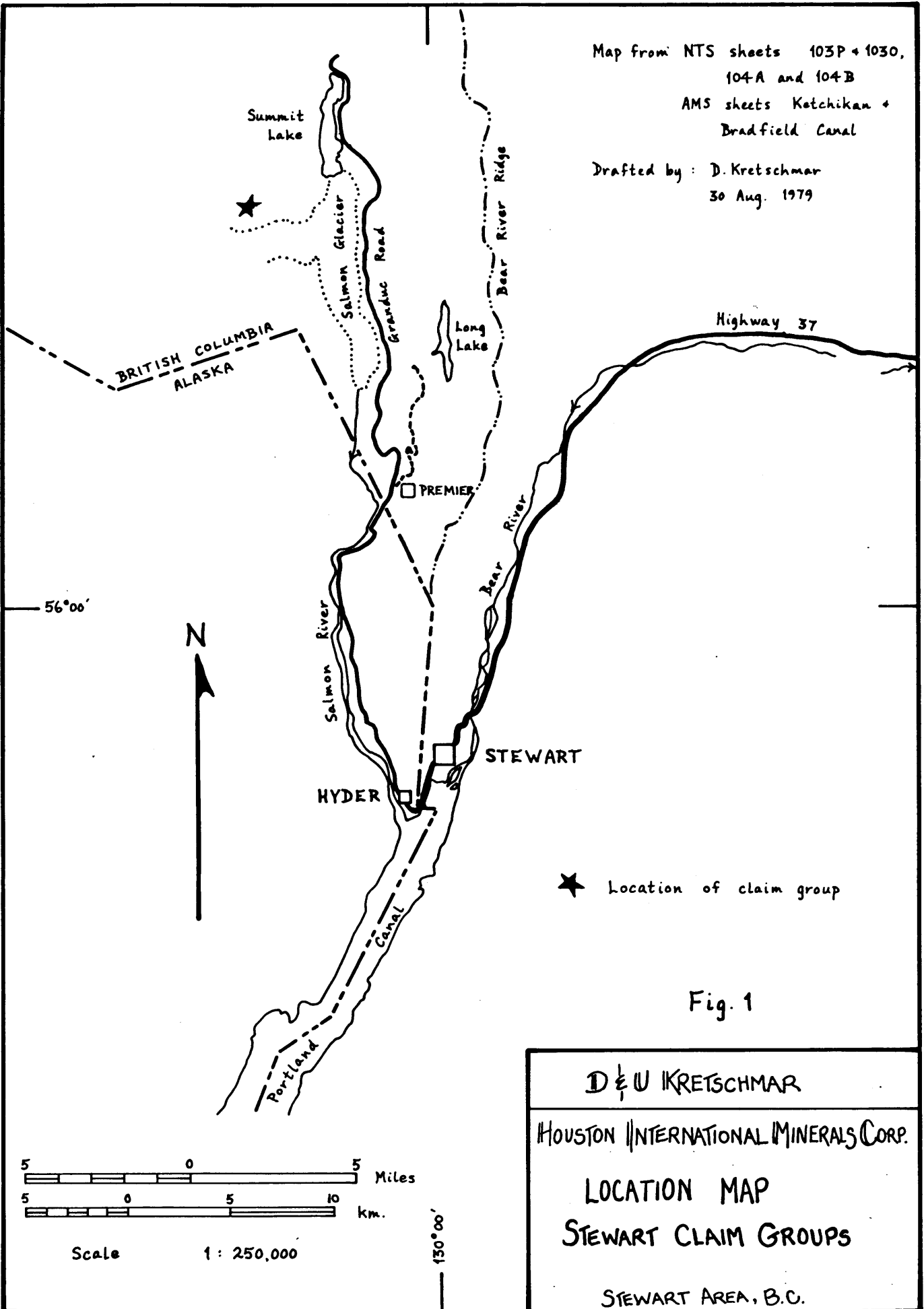
The only feasible access is via helicopter, but formerly the claims were reached by pack horse trains that traversed the Salmon glacier. The claims lie above the treeline and there is virtually 100% exposure. The terrain is very steep, particularly on the eastern claims.

The Hollywood claim group is described in the reports of the B.C. Minister of Mines for 1923, 1924 and 1926. Apparently high grade silver ore occurs at the contact of argillite with coast range intrusives. More than 200 ft. of tunnel were reportedly driven by the Cronholm-Bartholf Mining Co. However neither the mineralization nor the tunnel were found. (see discussion under MINERALIZATION).

Current owner of the Hollywood claims is Dianne Kretschmar, R.R. #1, Severn Bridge, Ontario POE 1N0. HIMCO, 3301 C St., #505, Anchorage, Alaska 99503 is the operator. Economic assessment of the property is being carried out with the first phase consisting of geological mapping at a scale of 1:10,000.

Map from NTS sheets 103P + 103O,
104A and 104B
AMS sheets Katchikan +
Bradfield Canal

Drafted by : D. Kretschmar
30 Aug. 1979

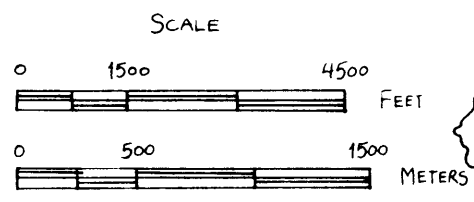


LAND

The Hollywood group of 11 Reverted Crown Grants consists of the following lots, as shown on Figure 2:

<u>Record No.</u>	<u>Lot</u>	<u>Claim Name</u>	<u>Hectares</u>
1652(8)	4485	Hollywood No. 1	20.90
1653(8)	4486	Hollywood No. 2	20.85
1654(8)	4487	Hollywood No. 3	20.90
1655(8)	4488	Hollywood No. 4	19.65
1656(8)	4489	Hollywood No. 5	20.83
1657(8)	4490	Hollywood No. 6	20.78
1658(8)	4491	Hollywood No. 7	20.83
1659(8)	4492	Hollywood No. 8	19.58
1660(8)	4493	Hollywood No. 9	20.85
1661(8)	4494	Hollywood No. 10	20.90
1662(8)	4495	Hollywood No. 11	20.90
		Total	226.97

The claims were recorded on August 28th, 1979.



After Grove, 1971 Fig. 15B
Drafted by: J.D. SEPT. 1980

AUGUST MTN.

L4493 HOLLYWOOD No. 9	L4494 HOLLYWOOD No. 10	L4495 HOLLYWOOD No. 11
L4485 HOLLYWOOD No. 1	L4486 HOLLYWOOD No. 2	L4487 HOLLYWOOD No. 3
L4489 HOLLYWOOD No. 5	L4490 HOLLYWOOD No. 6	L4491 HOLLYWOOD No. 7
		L4488 HOLLYWOOD No. 4
		L4492 HOLLYWOOD No. 8

SALMON GLACIER

BOUNDARY GLACIER

Fig. 2

D. & U. KRETSCHMAR	
HOUSTON INTERNATIONAL MINERALS CORP.	
CLAIM MAP	
HOLLYWOOD GROUP	
NTS 104 B/1E	STEWART, BC.

SUMMIT LAKE

GEOLOGYGeneral

Figure 3 is a reconnaissance geological map of the Hollywood claim group. The property is underlain by siliceous metasediments of the Hazelton Group and by the Texas Creek Granodiorite.

The Hazelton Group is generally considered to be upper Jurassic in age (R.V. Richards, 1974, Hazelton map area, Geological Survey of Canada, Annual Report, Section A and H.W. Tipper & T.A. Richards, 1976, Jurassic stratigraphy and History of North Central British Columbia, Geological Survey of Canada, Bulletin 270).

The Texas Creek Granodiorite, the oldest pluton in the area and one of the oldest in the entire Coast Range, was named by Buddington for excellent exposures along Texas Creek in Alaska (A.F. Buddington, 1979, Geology of Hyder and vicinity, Southeast Alaska, U.S. Geological Survey, Bulletin 807). It has been studied in greater detail by Smith (J.G. Smith, 1977, Geology of the Ketchikan D-1 and Bradfield Canal A-1 Quadrangles, Southeastern Alaska, U.S. Geological Survey Bulletin 1425). Its dominant original composition was hornblende-biotite granodiorite. Further characteristics are described below.

No major faults were identified.

LithologyUnit 6

This unit is predominantly black to grey tuffaceous siliceous argillite and siltstone. Outcrops are massive and commonly weather rusty because thin beds of pyrite or pyritic knots are common. Magnetite and pyrrhotite were also noted locally as knots and thin beds. Generally, units strike east to west with steep dips but bedding is severely distorted in detail.

cont.....

The Hazelton siltstones form a large roof pendant which is elongated in an east to west direction and thickens to the east. Contact metamorphism is not prominent.

Unit TCg

The Texas Creek Granodiorite which underlies most of the Hazelton siltstones is a hornblende-biotite granodiorite. Most outcrops appear as mottled dark-green angular blocks due to preferential breaking along chlorite and epidote-filled joints and shears. The joints and shears are spaced from a few centimeters to 30 centimeters apart and range in width from a few millimeters to 5 centimeters. There are several distinctive textural and compositional phases recognizable. Most distinctive is a K-feldspar porphyritic phase in which large (up to 3 cm.) euhedral orthoclase or sanidine crystals occur in a medium grained equigranular dark green mass of plagioclase, quartz and hornblende. Minor amounts of quartz diorite are present near contacts with the Hazelton Group.

On the Hollywood claims, there is virtually no chilling of granodiorite contacts against siliceous sediments. Low grade metamorphism has affected the entire pluton, partly obliterating original textures and minerals and creating mineral assemblages typical of the greenschist facies.

The average modal composition of the Texas Creek Granodiorite according to J.G. Smith (op. cit.) is:

Plagioclase	48%	Hornblende and Biotite	18%
Quartz	20%	Potassium feldspar	14%

The most characteristic features of this pluton are: 1) nearly ubiquitous slight to strong metamorphism 2) abundant chlorite and epidote-filled joints and shears 3) local cataclastic zones 4) recrystallization to some degree which imparts an overall dull-greenish cast 5) cloudy plag-

cont.....

iolase and 6) chlorite clots replacing biotite and fuzzy crystal boundaries due to incipient recrystallization.

MINERALIZATION

Minor patchy pyrite and galena associated with quartz pods and boxwork quartz veins were found in a $1\frac{1}{2}$ meter long adit driven into the contact between granodiorite and siliceous pyritic metasediment. Minor malachite staining occurs.

A stockpile of pyrite and galena ore similar to that found in the adit was located at the nearby base camp of the Cronholm-Bartholf Mining Co.

Barren breccia zones filled with calcite also occur in several places.

RECOMMENDATIONS

The property should be further explored and mapped in greater detail.

LEGEND

INTRUSIVES

Tcg TEXAS CREEK GRANODIORITE

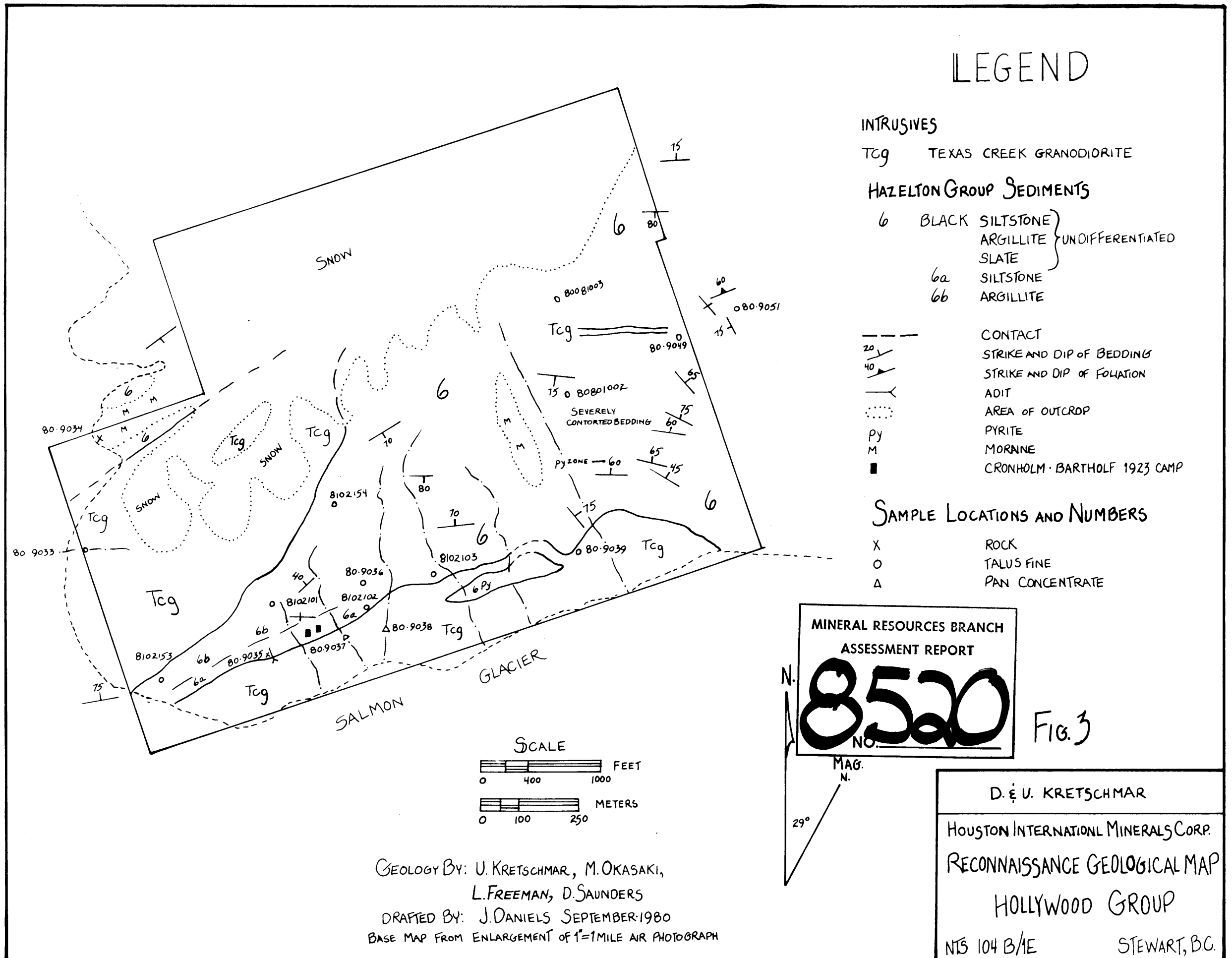
HAZELTON GROUP SEDIMENTS

6 BLACK SILTSTONE } UNDIFFERENTIATED
 ARGILLITE }
 SLATE }
 6a SILTSTONE
 6b ARGILLITE

--- CONTACT
 20 / \ STRIKE AND DIP OF BEDDING
 40 / \ STRIKE AND DIP OF FOLIATION
 --- ADIT
 ... AREA OF OUTCROP
 Py PYRITE
 M MORaine
 ■ CRONHOLM-BARTHOLF 1923 CAMP

SAMPLE LOCATIONS AND NUMBERS

X ROCK
 O TALUS FINE
 Δ PAN CONCENTRATE



GEOLOGY BY: U. KRETSCHMAR, M. OKASAKI,
 L. FREEMAN, D. SAUNDERS
 DRAFTED BY: J. DANIELS SEPTEMBER 1980
 BASE MAP FROM ENLARGEMENT OF 1"=1 MILE AIR PHOTOGRAPH

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
8520
 NO.

FIG. 3

D. E. U. KRETSCHMAR
 HOUSTON INTERNATIONAL MINERALS CORP.
 RECONNAISSANCE GEOLOGICAL MAP
 HOLLYWOOD GROUP
 NTS 104 B/AE STEWART, B.C.

SUMMARY OF EXPENDITURES - HOLLYWOOD GROUP1) Contract Fees:

Ulrich Kretschmar	3 days @ \$180.00/day	- Aug. 8, 10, 13	\$540.00
Masatsugu Okazaki	2 days @ \$ 89.15/day	- Aug. 8, 10	178.30
Dave Saunders	1 day @ \$ 59.72/day	- Aug. 10	59.72
Tracy Armstrong	1 day @ \$ 54.74/day	- Aug. 10	54.74
Larry Freeman	1 day @ \$ 66.70/day	- Aug. 8	66.70

 Sub-Total \$899.46
2) Food and Accommodation:

8 man days @ \$ 20.00/day	160.00
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3) Transportation:

Helicopter	2.8 hrs. @ \$360.00/hr.	- Aug. 8, 10	1008.00
Truck Rental			67.50

4) Supplies and Equipment:	104.01
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5) Maps, publications:	17.13
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6) Communication:	14.25
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7) Portion of Travel expenses: Vancouver - Stewart	32.04
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 TOTAL EXPENDITURES \$2302.39

Dianne Kretschmar

 Dianne Kretschmar

STATEMENT OF QUALIFICATIONS

I, Ulrich Kretschmar, of R.R. #1, Severn Bridge, Ontario POE 1N0
certify that:

1. I am a mining exploration geologist and Fellow of the Geological Association of Canada.
2. I am a graduate of McMaster University (B.Sc, 1966; M.Sc, 1968), McGill University and University of Toronto (Ph.D. 1973)
3. I have worked as an exploration geologist in Canada and Alaska for Cominco Ltd.; Watts, Griffis and McOuat Ltd.; Resource Associates of Alaska and others.
4. I worked on the Hollywood property during August 1980.

U. Kretschmar
for Ulrich Kretschmar, Ph.D.

September 26th, 1980

Premier, B.C.