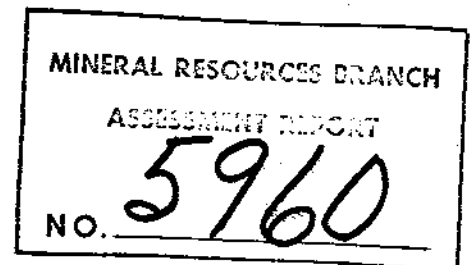


5960

REPORT ON
PROSPECTING & GEOLOGICAL RECONNAISSANCE
JIM #30, 31, 38, 39, 40 & JIM #33 Fr.
MINERAL CLAIMS
MARSHALL CREEK AREA, BRITISH COLUMBIA

JUNE, 1976

#5960



REPORT ON
PROSPECTING & GEOLOGICAL RECONNAISSANCE
JIM #30, 31, 38, 39, 40 & JIM #33 Fr. MINERAL CLAIMS
MARSHALL CREEK AREA, BRITISH COLUMBIA
N.T.S. AREA 92 J 16
50° 54' N. LATITUDE, 122° 28' W. LONGITUDE

CONDUCTED BY
JAMES EXPLORATION LTD.

FOR
COMAPLEX RESOURCES INTERNATIONAL LTD. (N.P.L.)

JUNE, 1976

M. Pyke
W. James

TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	1
CONCLUSIONS	1
RECOMMENDATIONS	1
LOCATION AND ACCESS	2
PROPERTY DESCRIPTION	2
REGIONAL GEOLOGY	2
LOCAL GEOLOGY	3
REFERENCES	3

Map #1

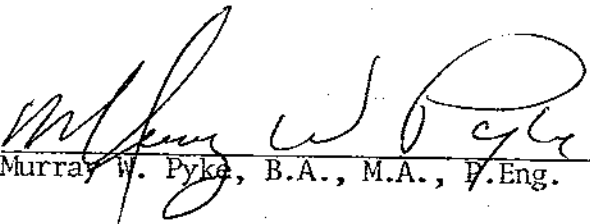
GEOLOGICAL RECONNAISSANCE
(IN POCKET)

C E R T I F I C A T E

I, MURRAY W. PYKE, of the City of Calgary, in the Province of Alberta, certify as follows:

1. that I am a geologist residing at 401 Woodland Crescent S.E., Calgary, Alberta.
2. that I have practiced my profession continuously since being graduated in Geology, from the University of Saskatchewan, Saskatoon Campus, in the Province of Saskatchewan, B.A., 1955, M.A., 1958.
3. that I am registered as a Professional Engineer in the Province of Saskatchewan.
4. that I have continuously worked in geological and mining exploration for the past seventeen years.

DATED AT CALGARY, ALBERTA THIS 30th DAY OF JUNE, 1976.

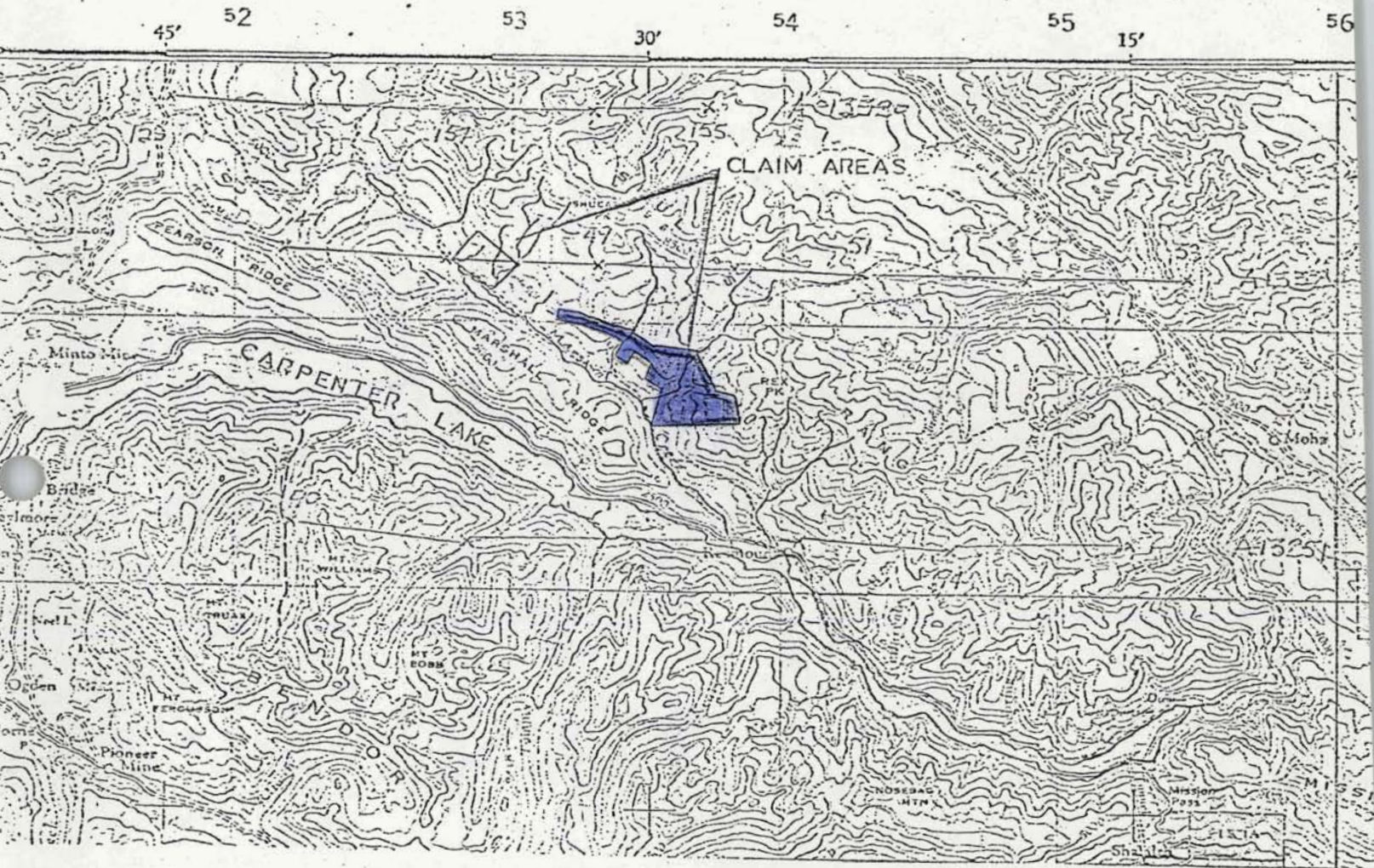

Murray W. Pyke, B.A., M.A., P.Eng.



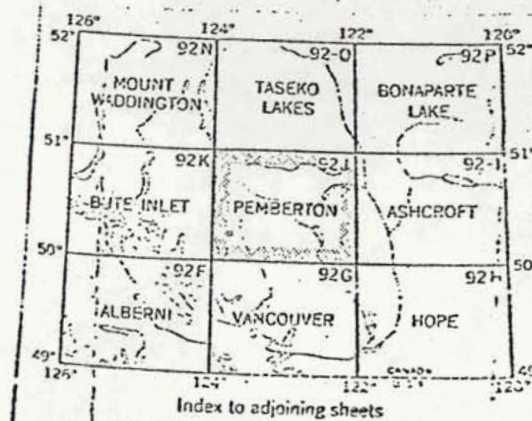
COMAPLEX RESOURCES INTERNATIONAL LTD. (N.P.L.)

LOCATION MAP
of
CLAIM AREAS
N.T.S. 92J N.E.
MARSHALL CREEK

SCALE 1 Inch = 4 Miles



INDEX MAP



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

No. 5960

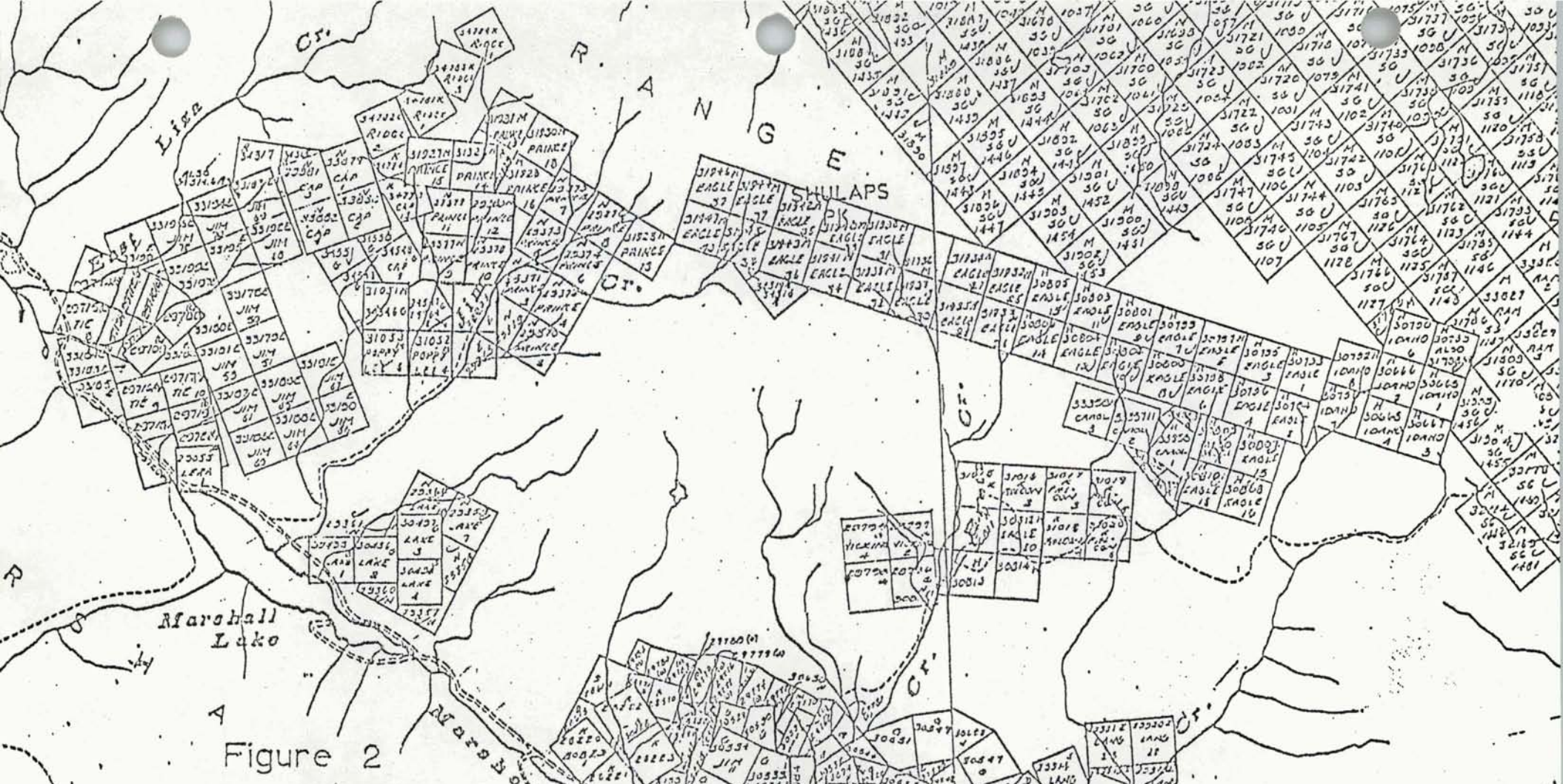


Figure 2

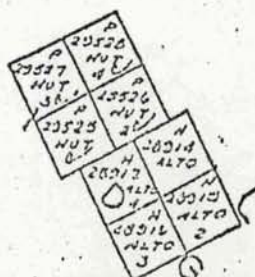
CLAIM AREA MAP

92 J 15E and 92 J 16W

COMPLEX RESOURCES INTERNATIONAL LTD. (N.P.L.)
MARSHALL CREEK, BC.

SCALE
1 inch = 1/2 mile

No. 5960
 ASSESSMENT REPORT
 MINERAL RESOURCES BRANCH



REX PK.

Jim 33 Fr.

REPORT ON
PROSPECTING & GEOLOGICAL RECONNAISSANCE
JIM # 30, 31, 38, 39, 40 & JIM #33 Fr. MINERAL CLAIMS
MARSHALL CREEK AREA, BRITISH COLUMBIA
N.T.S. AREA 92 J 16
50° 54' N. LATITUDE, 122° 28' W. LONGITUDE

INTRODUCTION

During the period June 25 to June 27, 1976, a reconnaissance geological mapping and prospecting program was conducted by James Exploration Ltd., on the Jim #30, 31, 38, 39, 40 and Jim #33 Fr. mineral claims in the Marshall Creek Area of British Columbia, at the request of Comaplex Resources International Ltd. (N.P.L.).

The objective of the program was to outline any ultrabasic serpentinite bodies which might be potential hosts of nephrite lode jade deposits.

Three days were spent on the property by Mr. E. W. James.

CONCLUSIONS

Four main ultrabasic occurrences were outlined (see Map #1.)

Zones B and C probably form limbs of a tightly folded syncline probably plunging gently westward, and with the axial area possibly underlying Jim #30 claim. Zones A and D may be similarly related.

A lens of sheared nephrite material approximately one foot in width by two to three feet in length was found in Zone B.

RECOMMENDATIONS

Ultrabasic zones B and C should be traced westward (downslope) to locate their axis, if any. This might best be accomplished by a series of North/South magnetometer profiles, followed by tractor trenching.

The axial zone should then be explored for nephrite occurrences by trenching or drilling as warranted.

LOCATION AND ACCESS

The Marshall Creek property is located 50 miles west-northwest of Lillooet, British Columbia (see Figure 1). Access to the property is via 45 miles of all-weather gravelled road between Lillooet and Bralorne, then 5 miles of the Marshall Lake Road.

The Jim claims are accessible from the Comaplex camp on Brett Creek by a steep switchback road passable to 4-wheel drive vehicles, which branches north from the Marshall Lake Road $\frac{1}{2}$ mile east of Hog Creek.

PROPERTY DESCRIPTION

The group of six mineral claims examined are shown on Map 92 J 16W (M) in the Lillooet Mining Division (see Figure 2), as:

<u>Claim Name</u>	<u>Record Number</u>
Jim # 30	30553
Jim # 31	30554
Jim # 38	30661
Jim # 39	30662
Jim # 40	30703
Jim # 33 Fraction	30627

The subject claims are part of a group of 76 contiguous claims located by International Jade Ltd. in 1968, and transferred to Comaplex Resources International Ltd. (N.P.L.) of Calgary, Alberta, under the terms of a Memorandum of Agreement dated September 30, 1972.

REGIONAL GEOLOGY

The Marshall Creek property of Comaplex Resources International Ltd. (N.P.L.) is located on the south flank of the Shulaps Mountain Range. The area lies about 10 miles east of the Main Coast Range Batholith.

Most of the northern portion of the Shulaps range is underlain by an ultrabasic intrusive mass of probably Upper Triassic age. The southern portion is comprised of a sequence of complexly folded and faulted sedimentary and volcanic strata which range from Upper Cretaceous to Upper Triassic age. The sequence is cut by late Mesozoic or Tertiary hypabyssal intrusives and has been metamorphosed to the Greenschist facies with varying degrees of dynamic alteration.

These rocks exhibit complex folding, and form part of a regional anticline plunging gently northwestward.

The more detailed description is included in a previous report on the property (Pyke & LaBine, 1973.)

LOCAL GEOLOGY (See Map #1)

The claims are underlain by a sequence of argillites and andesite flows or sills, which are intruded conformably by ultrabasic (peridotite) and probably later intermediate to basic intrusions.

The ultrabasic rocks occur in four main zones (see Map #1). Limited structural field control would infer that Zones B and C form the limbs of a tightly folded syncline, with the axial region possibly underlying the Jim #30 claim.

Ultrabasic Zones A and D may be similarly related.

Insufficient outcrop exposure prohibits a complete structural analysis, and it is difficult to predict whether the large ultrabasic body occurring in the Royal #1 claim might comprise the axial zone of limb B-C, or A-B, or is unrelated.

Zones B and C are highly sheared and altered to serpentinite, and talc chlorite schists, while Zones A and D are more massive peridotite.

A minor pod of sheared nephrite material approximately one foot in width was located in Zone B.

REFERENCES

- Pyke, M. W., and LaBine, G. O., 1975; Report on Investigations Conducted on the International Jade Property, Marshall Creek Area, B.C.
- Saunders, C. R. , 1969, Marshall Creek Jade Deposit, B. C. Department of Mines and Petroleum Resources.

MINERAL EXPLORATION

1512, 727 - 6 AVE. S.W., CALGARY 1, ALTA.

August 25, 1976

COMAPLEX RESOURCES INTERNATIONAL LTD. (N.P.L.)
 810 - 715 Fifth Avenue S.W.
 CALGARY, ALBERTA T2P 0N2

ATTENTION: Mr. George F. Fink

I N V O I C E

Invoice No. 7607-1

Re: Geological Mapping of Jim Claims
 Marshall Creek Area, B.C., June 24 - 28, 1976

E. W. James, 5 days @ \$220.00/day		\$1,100.00
Expenses: Mileage, 1160 miles @ \$0.25/mile	\$290.00	
Meals, camp rental, 5 days @ \$20 per day	100.00	
Trail Bike, 3 days @ \$25.00/day	<u>75.00</u>	<u>465.00</u>
TOTAL INVOICE AMOUNT		<u>\$1,565.00</u>

Respectfully submitted,
 JAMES EXPLORATION LTD.


E. W. James

TO WHOM IT MAY CONCERN:

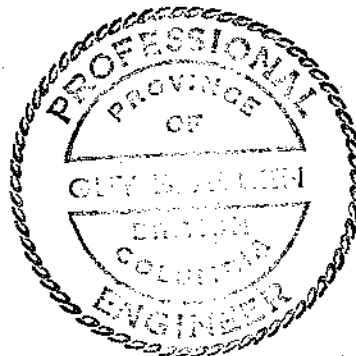
I, GUY B. ALLEN, P.Eng., do hereby certify that:

1. I have examined the report entitled "Report on Prospecting & Geological Reconnaissance, Jim #30, 31, 38, 39, 40 and Jim #33 Fr. Mineral Claims, Marshall Creek Area, British Columbia, dated June, 1976," with the enclosed map by Mr. E. W. James, Geologist, and find it to be an adequate representation of the work performed.
2. I was working on a nearby property at the time Mr. James was performing the field work which formed the basis for this report, and was at that time aware of Mr. James' engagement in this work.
3. Mr. E. W. James has performed geological work on mineral properties in British Columbia under my supervision in the past, and I have the utmost confidence in his ability.

DATED THIS 17TH DAY OF JANUARY, 1977, AT CALGARY, ALBERTA.



Guy B. Allen, P.Geol., P.Eng.



Expiry Date: April 22, 1977.

C E R T I F I C A T E

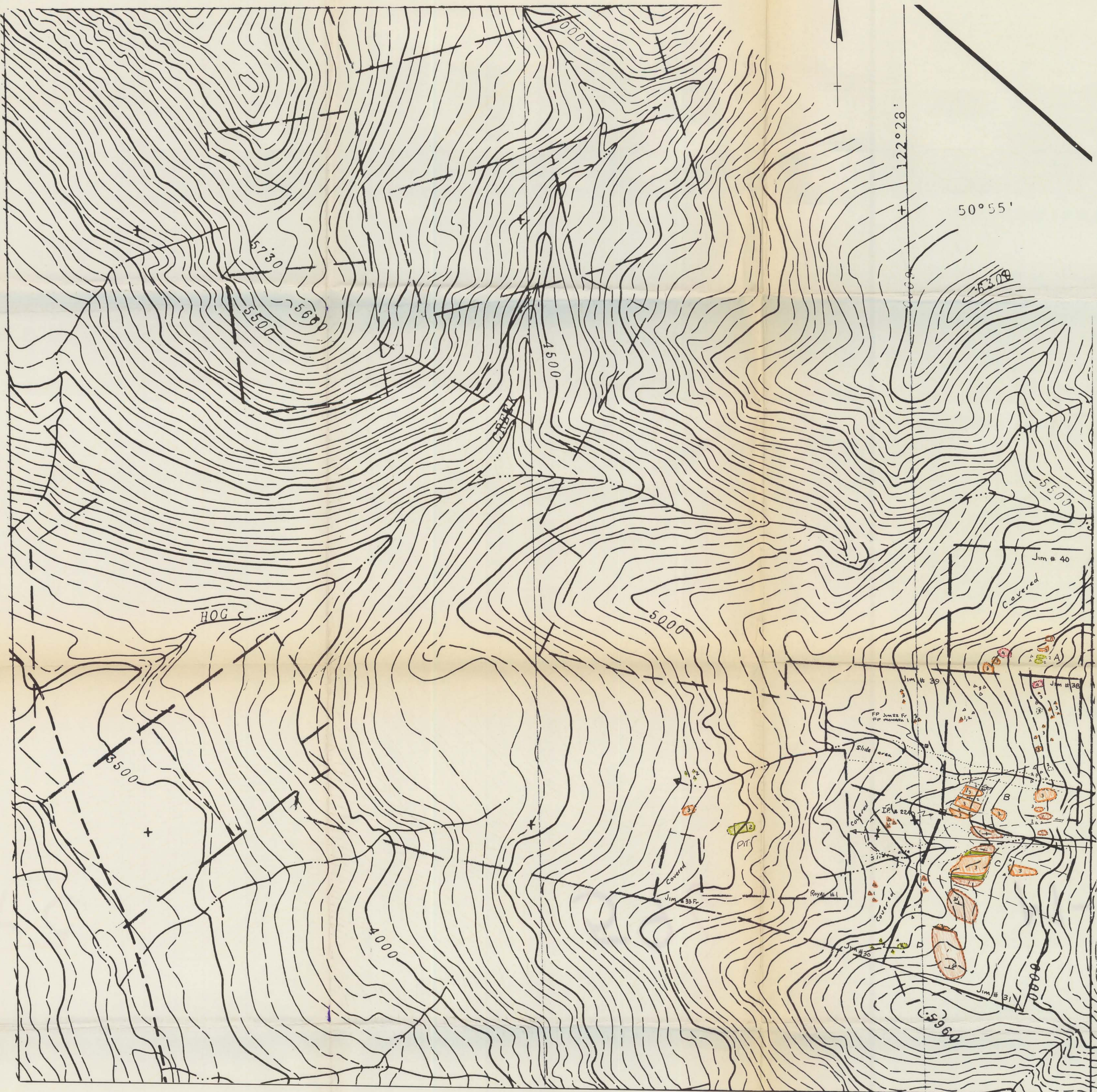
I, E. W. JAMES, of the Town of Okotoks, in the Province of Alberta, certify as follows:

1. that I am a geologist residing at R.R. #1, Okotoks, Alberta.
2. that I have practiced my profession continuously since being graduated in Geology, from the University of Calgary, in the Province of Alberta, B.Sc., 1968.
3. that I have continuously worked in geological and mining exploration for the past nine years.

DATED AT OKOTOKS, ALBERTA, THIS 24 DAY OF JANUARY, 1977.

E W James

E. W. James, B.Sc.



LEGEND

- 1 Argillite
- 2 Ultrabasic sill - peridotite
- 3 Intermediate to basic flow or intrusive
- 4 Acid intrusives
- outcrop area
- ↗ attitude of foliation, bedding
- ↘ syncline axial plane plunging

5960

MAP # 1



MINERAL RESOURCES BRANCH
 ANNUAL REPORT
 NO. 5960
 # 1
 MAP NO.

M-1

GEOLOGICAL RECONNAISSANCE

Jim # 30, 31, 38, 39, 40, & Jim # 33 Fr.
 MARSHALL CREEK AREA.
 Lillooet Mining Division, B.C.

for: COMPLEX RESOURCES INTERNATIONAL LTD.