

PROSPECTING REPORT

86-634-15259
10/87

on the

RAVEN MINERAL CLAIMS

CONSISTING OF

6 - 2 post claims. Record nos. 7383, 7384, 7385, 7386,
7452, 7453.

SITUATED APPROXIMATELY

17 kilometers south of Houston on the west slope of Morice
Mountain in the Omineca Mining Division.

NTS 93L/7W

LATITUDE: 54° 16' N
LONGITUDE: 126° 49'

OWNERS:
MARY JEAN MOLL
JOHN WESLEY MOLL

AUTHOR: JOHN WESLEY MOLL

WORK DONE: AUGUST 19, 20, 21 SEPT. 17

DATE OCTOBER 30, 1986

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,259

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INTRODUCTION

Prospecting took place during the summer of 1986 on a property located about 17 kilometers south of Houston on the south slope of Morice Mt. The property can be reached by travelling south on the Morice River Access Road, then travelling on foot for about 2 kilometers on an old overgrown logging road.

The property, which consists of a number of mineral showings, was discovered in the early 1900's. It appears to be underlain by a volcanic sequence of basic rhyolitic tuffs and flows of the Jurassic Hazelton Group.

PREVIOUS WORK

During the field season of 1977 Cities Service Minerals Corporation completed 14.2 kilometers of induced polarization/resistivity surveying over the property. The property was being investigated for the possibility of discovering a brecciated copper deposit.

A weak but large I.P. anomaly was outlined measuring about 200 meters by 900 meters.

Previous work also includes:

Ministry of Mines Annual Report, 1931, Page 74

AR-797-2844-6311-10563

MI-093L-202 Van

ROCK GEOCHEMISTRY

Three grab samples were taken from a series of very old trenches discovered at the western end of the property. They were taken over a length of 100 meters. The samples were sent to Equity Silver Mine in Houston for assaying for AU, AG, & CU. The following results were obtained:

Sample No.	Description	CU	AG	AU
4537 from trench #1	Massive pyrite with bornite in an altered andesite	8.8%	96gr	.022gr
4538 from trench #2	Andesite with quartz veining containing pyrite, malachite, and azurite stain	1.58%	19gr	.08gr
4539 from trench #3	Gabro with disseminated pyrite, hematite, and chalcopyrite	.78%	9gr	.08gr

Chip samples were taken from a drill site at the eastern end of the property. The rock was a rhyolite breccia containing pyrite and a small amount of chalcopyrite in the fractures. The samples were assayed by Newmont Exploration in Vancouver. The results are:

Sample No.	CU PPM	AG PPM	AU PPB	DISTANCE
8961	162	2.2	4	2 M
8962	19	.8	2	2 M
8963	526	2.3	8	2 M
8964	304	2.8	11	2.5 M
8965	675	1.3	5	2 M

PRESENT WORK

The purpose of the prospecting work was to examine the I.P. anomaly zone for precious metals (AU & AG) as in 1977 they were quite often overlooked.

A steep walled canyon parallels the I.P. anomaly. By following a creek up the canyon we were able to observe a flat lying vein of copper in a cherty argillite in the cliff above. This rock was not assayed as the vein was not accessible.

The rocks and mineral were identified by the rock particles found at the bottom of the cliff face.

It was also noted that the rock was altered more at the west end of the property.

STATEMENT OF EXPENSES

PROSPECTING

John Wesley Moll	Aug 19, 20, 21 Sept. 17, 1986 4 days @ \$120	\$480
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Mary Jean Moll	Aug. 19, 20, 21 3 days @ \$100	\$300
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VEHICLE	4days @ \$20	\$ 80
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REPORT

John Wesley Moll	Oct.30,1986 1 day @ \$120	\$120
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TOTAL EXPENDITURES		<u>\$980</u>
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Respectfully Submitted

John Wesley Moll

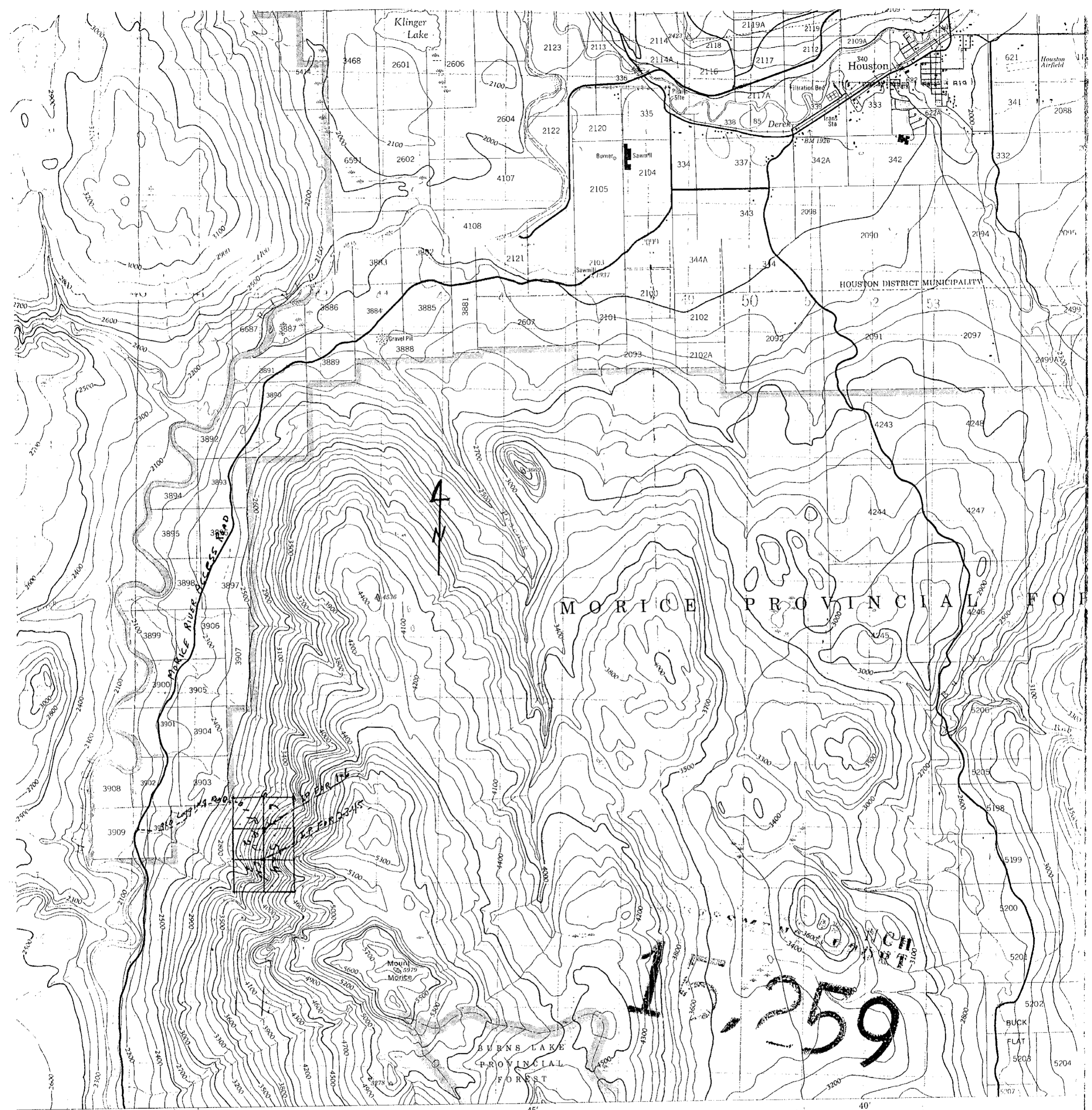
Prospector



STATEMENT OF QUALIFICATIONS

I have prospected for 25 years. In that time I have held various mineral claims in the Omineca and Skeena mining districts. One group of claims has been optioned twice. Another group of claims has also been optioned. All companies have been major companies.

A handwritten signature in cursive script, appearing to read "J. W. S. J.", located to the right of the main text block.

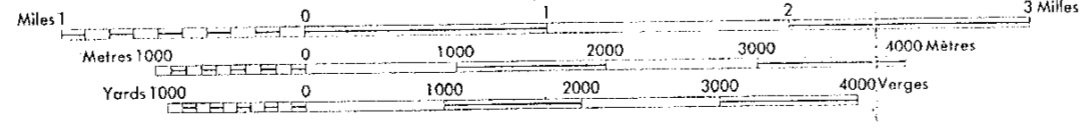


45° 50' N
Joins 93 L/2

HOUSTON

COAST LAND DISTRICT RANGE 5
BRITISH COLUMBIA

Scale 1:50,000 Échelle



Routes	dual highway 2 chaussées séparées	more than 2 lanes plus de 2 voies
..... pavée, toute saison	..... 2 voies	..... moins de 2 voies
..... pavée, toute saison	..... 2 voies	..... moins de 2 voies
..... weather gravel aggloméré, toute saison	..... 2 lanes or more 2 voies ou plus	..... less than 2 lanes moins de 2 voies
..... de gravier, temps secs et rues hors classe	.....	.....
..... de terre	.....	.....
..... sentier, percée ou partage	.....	.....

This Provisional Map is equivalent to a standard map in accuracy of content.

Some names on this map are not yet official. Corrections or additions are invited by the Surveys and Mapping Branch.

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

Cette carte provisoire est au point de vue précision équivalente à une carte standard.

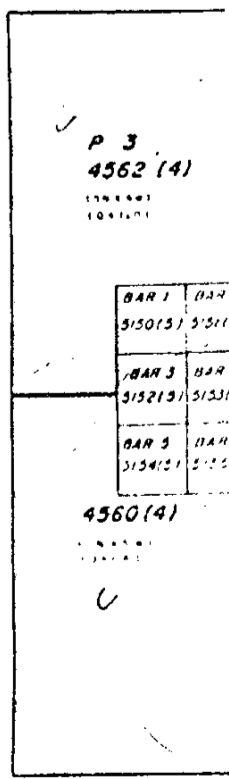
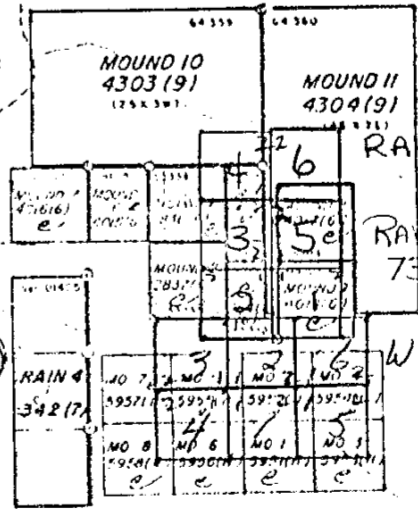
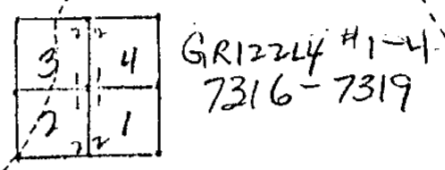
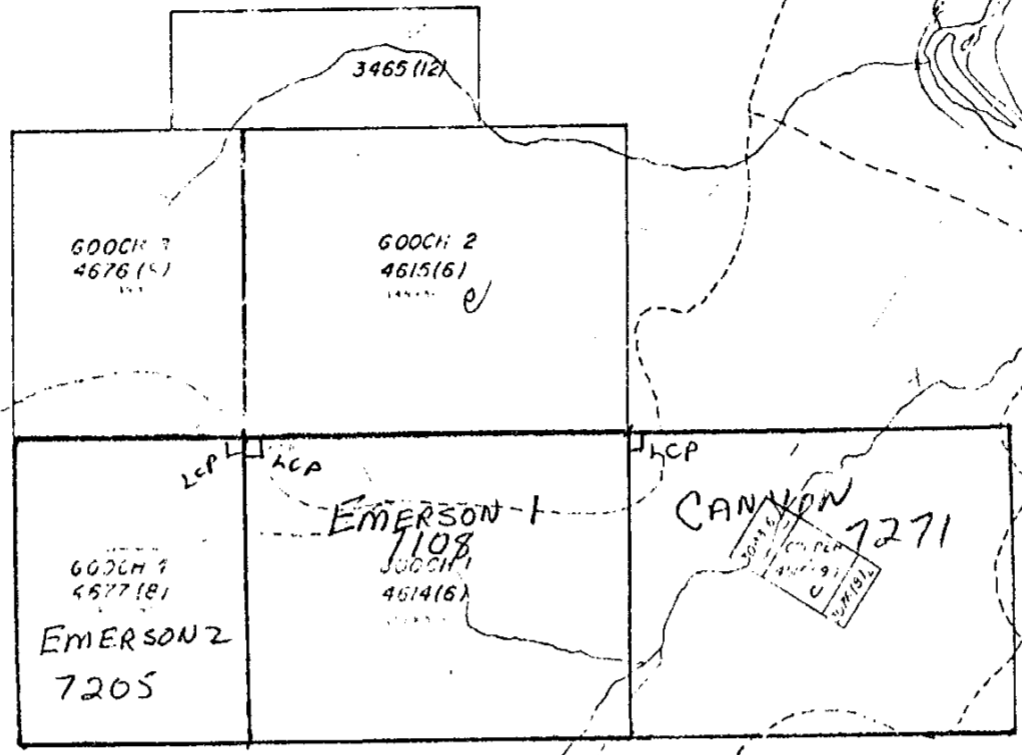
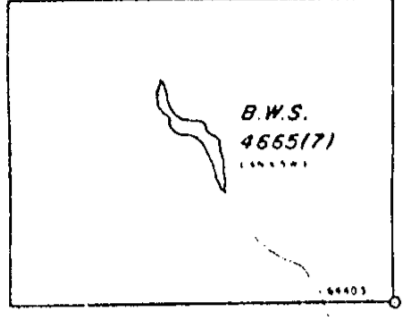
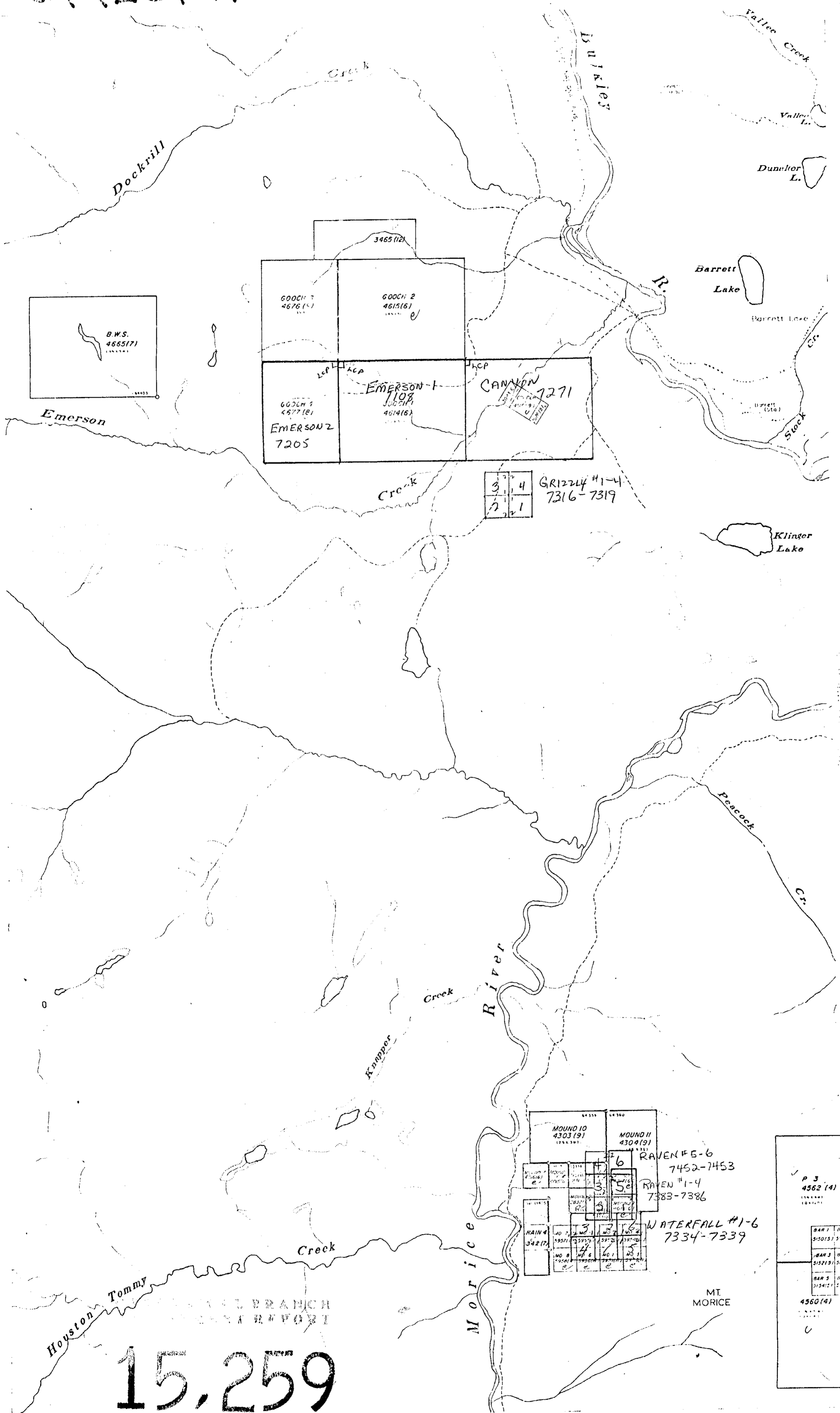
Certains noms inscrits sur cette carte ne sont pas encore officiels. Les corrections ou additions sont invitées par le Service des levés et de la cartographie.

ÉQUIDISTANCE DES LIGNES DE NIVEAU 100 PIEDS
Les hauteurs en pieds au-dessus du Niveau Moyen de la Mer
Datum Nord-Américain de 1927
Projection Méridienne Transverse

125° 59'

M 95L/7W

M 95L/7W



15,259

