

1688

REPORT on LINE CUTTING and
BASELINE SURVEY IN PREPARATION
for GEOLOGICAL, GEOPHYSICAL and
GEOCHEMICAL WORK,
on the
BANNER and RIO CROWN GRANTED MINERAL CLAIMS:

Lot 1199 and Lot 441 S 82E/9W (M)

MINERAL LEASE M 263

GREENWOOD MINING DIVISION

By: G.W.H. Norman, P. Eng.

Work Performed: October 20 - 30th, 1968.

Mineral Lease Owners: Messrs. Lee R. McNair and C.N.W. Hutchinson.

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IN ENVELOPE

Statutory Declaration

Affidavit on Application For Certificate of Work

Illustrations

1. Location Map Lease M 263 Scale 1 inch = 2 miles ^{#1}
2. Plan, showing Base Line, Cut Lines and Roads, ^{#2}
Banner and Rio Crown Granted Claims,
Mineral Lease M 263. Scale 1 inch = 200 feet.

General Statement

Terms of an Option Agreement between Boundary Exploration Limited, 148 - 10th Street East, Grand Forks, B.C., and the owners of the Mineral Lease M 263 were settled late in October. Work was started immediately to investigate the mineral potential of the claims.

The leased claims are covered by brush and forest growth which prevent the use of air photographs for location purposes where detailed reasonably accurate geological, geophysical and geochemical plans are required.

The first requisite for such plans is a grid of measured points along evenly spaced lines which will readily permit comparison of the results of geological, geophysical, and geochemical mapping. The initial expense in carrying out the various types of surveys is, therefore, that of a series of cut lines through the bush, with evenly spaced measured points. After obtaining an option to purchase the lease, arrangements were made to cut the required lines.

Base Line

A base line was started October 16th and completed October 31st across a series of claims and leases that Boundary Exploration Limited had acquired and which included Mineral Lease M 263. These lie along the main limestone zone that was mapped by Drysdale in the Franklin Area - Memoir 56, Canadian Geological Survey. The average

rate of progress on the base line work was 1,000 feet per day. It depended on the amount of low underbrush present which had to be cleaned out in order to place hubs at 200 foot intervals.

A camp had been established at the old town of Franklin for geological reconnaissance in the region. A building 14 by 16 was erected at this camp to house the extra men required to run the base line.

Line Cutting

It had been intended to complete nearly 60 miles of line cutting in the area from a base line 12,000 feet long. Adverse weather prevented completion of the work this fall and less than 1/4 was completed before ground freezing and snow made the work too inefficient and slow to continue.

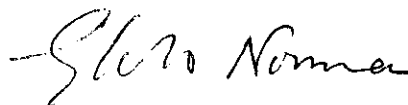
To house the six men an old cabin was cleaned up and the roof made water tight. This work, together with rental of power saws, etc., has made the actual cost of cutting the lines greater than the amount reported.

The rate of progress in line cutting was slower than expected due, in part, to very poor weather. The total length of lines on Mineral Lease M 263 is approximately 4 miles and the men did not average more than 1 mile per day.

Geological and Other Surveys

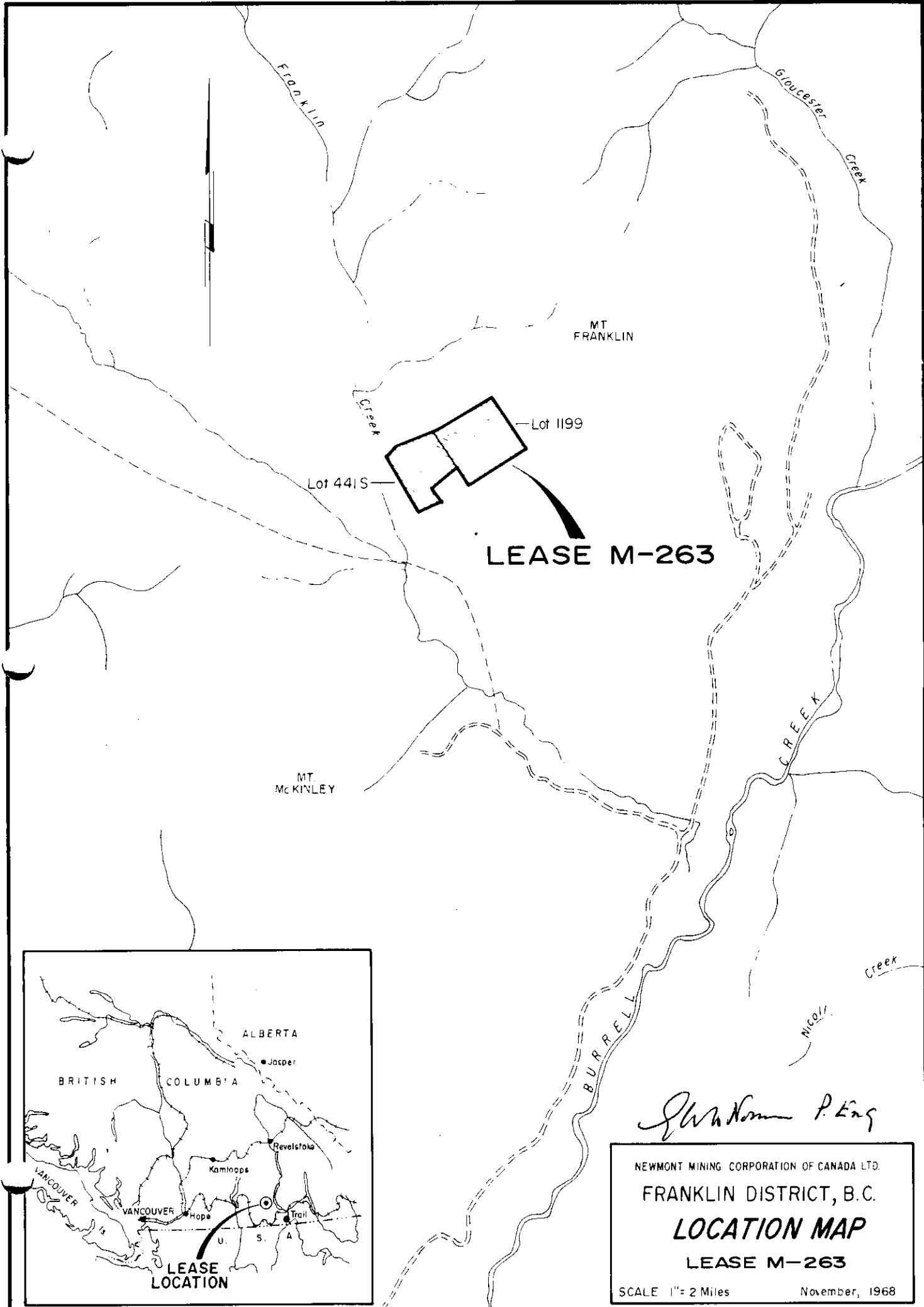
The geological mapping of outcrops on the Banner and Rio mineral claims has been completed but is not in a final state for

submittal. The geological, magnetic and geochemical plans cannot be completed before the end of November which is too late to report. Magnetic readings with a Scintrex flux gate magnetometer (sensitivity 1 division to 20 gammas) has been completed but is not yet compiled. Soil samples have also been taken at 100 foot intervals along all lines but the chemical results will not be available to us for two more weeks.

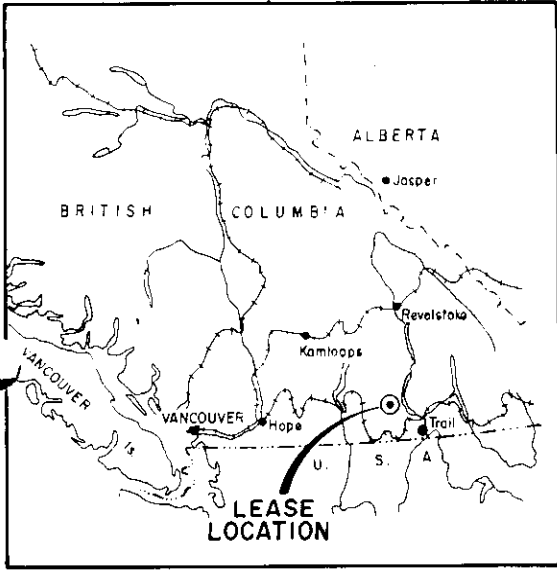


G.W.H. Norman, P. Eng.

November 13th, 1968.

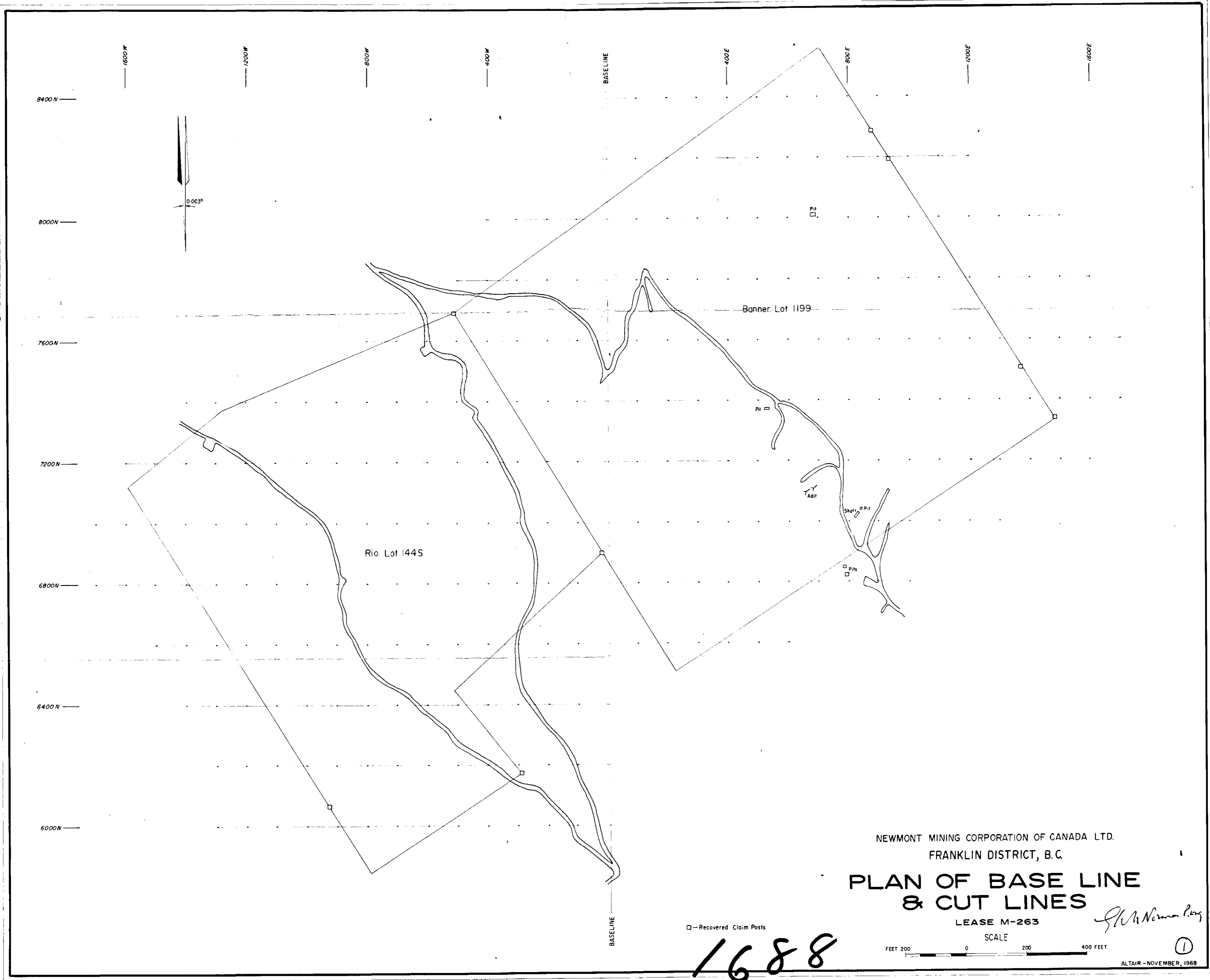


LEASE M-263



J. W. Norman P. Eng

NEWMONT MINING CORPORATION OF CANADA LTD.
FRANKLIN DISTRICT, B.C.
LOCATION MAP
LEASE M-263
SCALE 1" = 2 Miles November, 1968

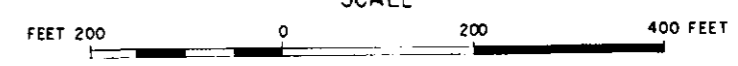


NEWMONT MINING CORPORATION OF CANADA LTD.
FRANKLIN DISTRICT, B.C.

**PLAN OF BASE LINE
& CUT LINES**

LEASE M-263

SCALE



J. W. Norman King

□ — Recovered Claim Posts

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