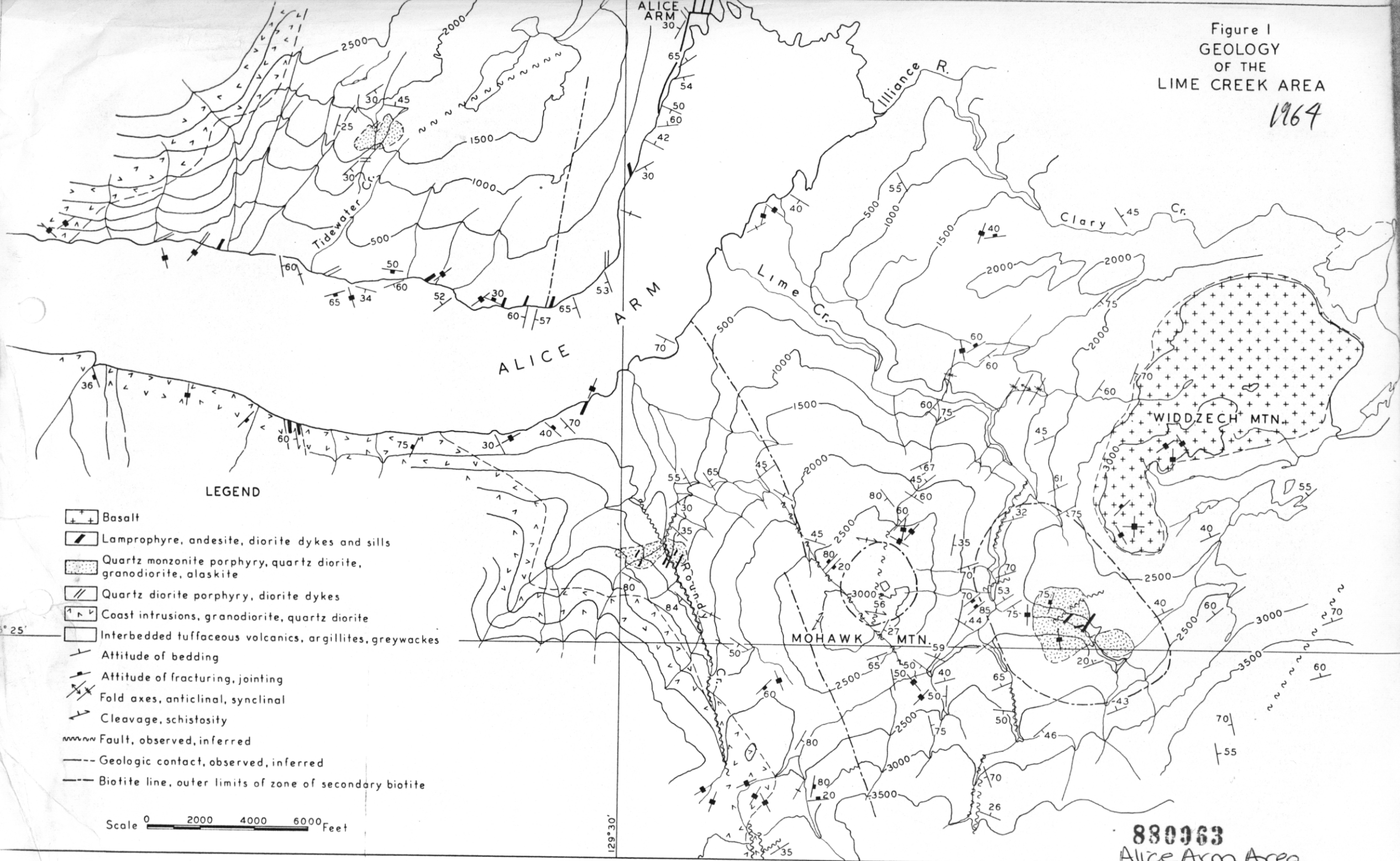


Figure 1
GEOLOGY
OF THE
LIME CREEK AREA
1964

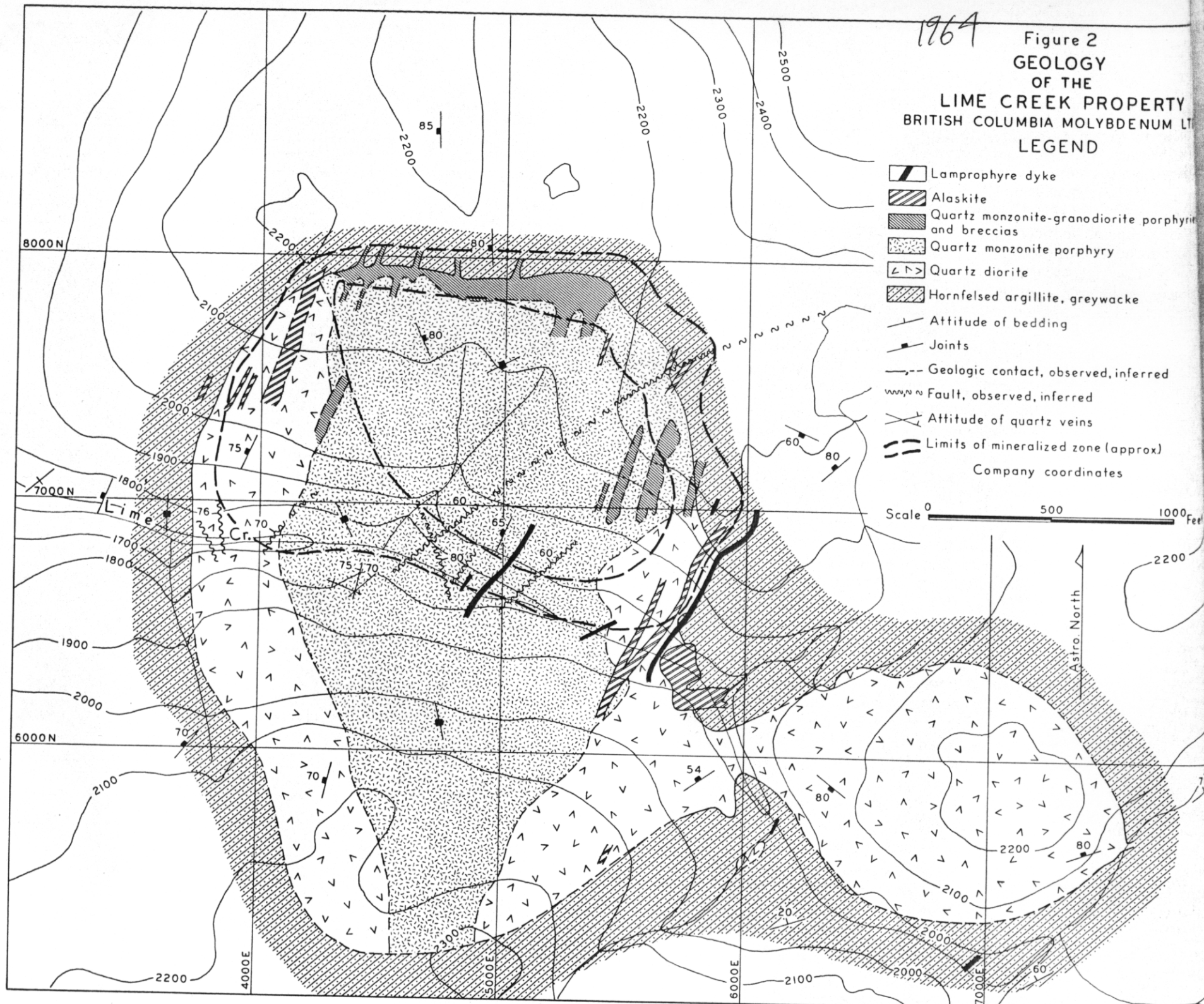


LEGEND

- Basalt
- Lamprophyre, andesite, diorite dykes and sills
- Quartz monzonite porphyry, quartz diorite, granodiorite, alaskite
- Quartz diorite porphyry, diorite dykes
- Coast intrusions, granodiorite, quartz diorite
- Interbedded tuffaceous volcanics, argillites, greywackes
- Attitude of bedding
- Attitude of fracturing, jointing
- Fold axes, anticlinal, synclinal
- Cleavage, schistosity
- Fault, observed, inferred
- Geologic contact, observed, inferred
- Biotite line, outer limits of zone of secondary biotite

Scale 0 2000 4000 6000 Feet

880963
Alice Arm Area
103P



2,250 feet along the northern and...
obscures bedrock in the northern...
present in the southern half. Gōo...
and to the southeast fork of Lime C...
stock.

An annular zone of molybden...
of the northern half of the stock...
in small quartz veins arranged in a...
is also present inside the mineral...
grading inward from the ring-like...
in diameter.

A base map at a scale of 10...
The following account of the geol...
examination of drill core at the p...

The stock is made up of gra...
tral zone of quartz monzonite po...
and southeastern sides. These...
and exhibit varying degrees of al...
bodies.

Three types of quartz mon...
unaltered type confined to the s...
like mineralized zone, and a c...
zone within the mineralized zon...
alteration.

The quartz monzonite por...
unaltered medium-grained leuc...
phenocrysts of normally zone...
potash feldspar making up a fai...
minerals, including hornblende...
and the feldspars exhibit slight...
diorites of the southwestern p...
plates of secondary brown bio...
that imparts a brown iron sta...

The grey to pink quartz...
eralization is characterized by...
has produced rounded porph...
along the margins of numerou...
work pattern. The potash fe...
perthitic and graphic intergr...
bonate are common alteration...
both in the matrix and in the...
size. Mafic minerals include...
and secondary brown biotite...
and within the quartz veins.

The quartz monzonite...
mineralized zone is a medi...
porphyritic near the mine...
zone. Here the rock has u...
of 60 per cent quartz and