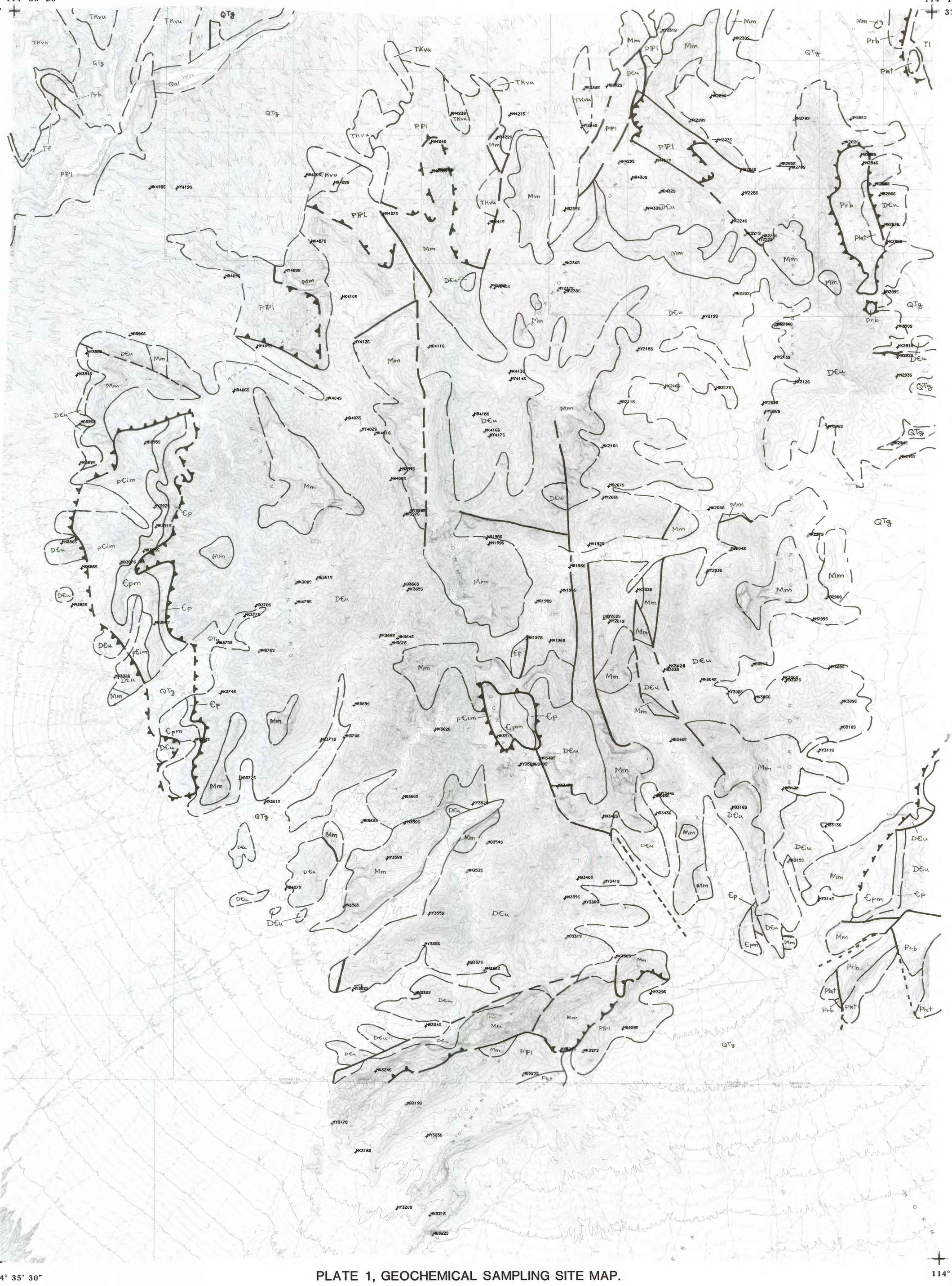
114° 35' 23"
37° 05' 06"

114° 19' 49"
37° 05' 12"




36° 48' 08"
114° 35' 30"

36° 48' 14"
114° 19' 34"

# PLATE 1, GEOCHEMICAL SAMPLING SITE MAP.

## MORMON MOUNTAINS WSA
## LINCOLN AND CLARK
## COUNTIES, NEVADA.

by HARLAN N. BARTON AND GORDON W. DAY, 1984.

0 1 Mile
Scale 1:50,000
N

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature

Qal - Younger alluvium, reworked older alluvium and recent deposits in stream channels.

QTg - Older gravels, chiefly dissected unconsolidated and poorly consolidated gravel fans. Younger than the youngest volcanic rocks.

Tl - Older lake beds, white, buff, tan, and terra cotta tuffaceous clay, sand, and silt with some diatomaceous earth and marly limestone.

Tf - Lacustrine limestone, chiefly white, buff, and gray, but locally black, lenticular fresh-water algal limestone with some interbedded conglomerate and volcanic rocks.

TKvu - Volcanic rocks, undifferentiated,ignimbrites and tuffs several thousand feet thick, includes perlite, waterlaid tuff, sandstone, rhyolite flows, welded and partially welded tuffs, spheroidal weathering dacite, andesitic flows.

Pkt - Kaibab limestone and Toroweap formation, undifferentiated, double cliffs of massive, gray, very cherty limestone separated by thin-bedded buff, white, and pink dolomite, gypsum, and limestone breccia.

Prb - red beds, reddish, yellowish, and brownish sandstone, siltstone, gypsiferous shale, and some thin beds of gray limestone.

PPl - Permian and Pennsylvanian limestone, undifferentiated.

Mm - Monte Cristo limestone, massive light and dark-gray cliff-forming limestone. One of five members, the Anchor limestone member, contains abundant chert.

DEu - Devonian to Cambrian limestone and dolomite, undifferentiated.

Ep - Pioche shale;yellowish, greenish, and brownish micaceous and argillaceous shale with some sandstone and several prominent limestone beds.

Epm - Prospect mountain quartzite, reddish and brownish poorly sorted quartzite with some shale and conglomerate beds. Massive white quartzite common at top.

pEim - Igneous and metamorphic rocks, granite, anphibolite, gneiss, and biotite schist, all cut by pegmatite dikes.