

SHEAR ZONE MAP OF THE SUMMIT VALLEY PLUTONIC COMPLEX

DEL NORTE CO., CALIFORNIA

by Nancy E. Griesau, 1992

QUATERNARY

Qls Landslide

UPPER JURASSIC OR CRETACEOUS

JKig JKih JKip
Hornblende-gabbro to Diorite Stock (JKig).
Hornblendite (JKih)
Olivine clinopyroxenite to wehrlite (JKip).

UPPER JURASSIC

Jg Jlr
Galice Formation, Metagraywacke and Slate (Jg).
Lems Ridge Olistostrome (Jlr).

TRIASSIC TO LOWER JURASSIC

H_z Harzburgite Tectonite (H_z).

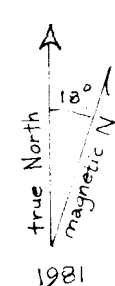
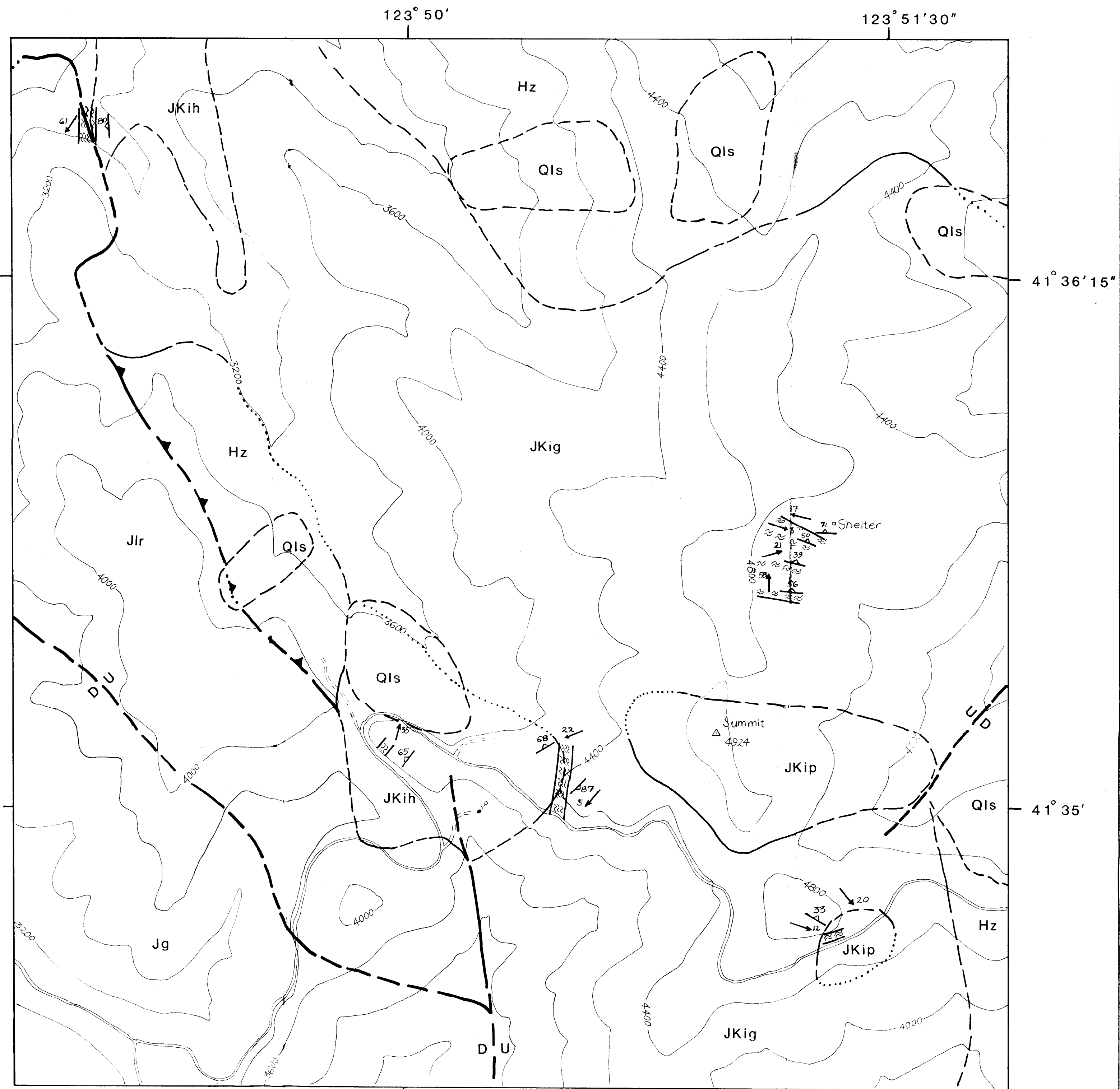
--- contact: solid where known, dashed where approximate, dotted where inferred.
--- fault: solid where known, dashed where approximate, dotted where inferred.
U for upward sense of offset, D for downward.
--- thrust fault: teeth on upper plate.
--- shear zones
65° strike and dip of foliation plane
20° trend and plunge of mineral lineation

Sources of map data:

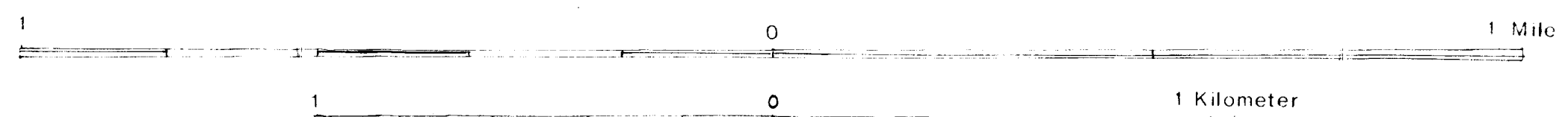
Base map: Summit Valley Quadrangle, California - Del Norte Co.
7.5 Minute Series (Topographic)
SE/4Ship Mountain 15' Quadrangle

Shear zone structural data, this study, by N. Griesau, 1992

Other geologic and lithologic mapping
by E. Norman, 1984 (see References, text).



Scale 1:12,240



Contour interval 400 feet