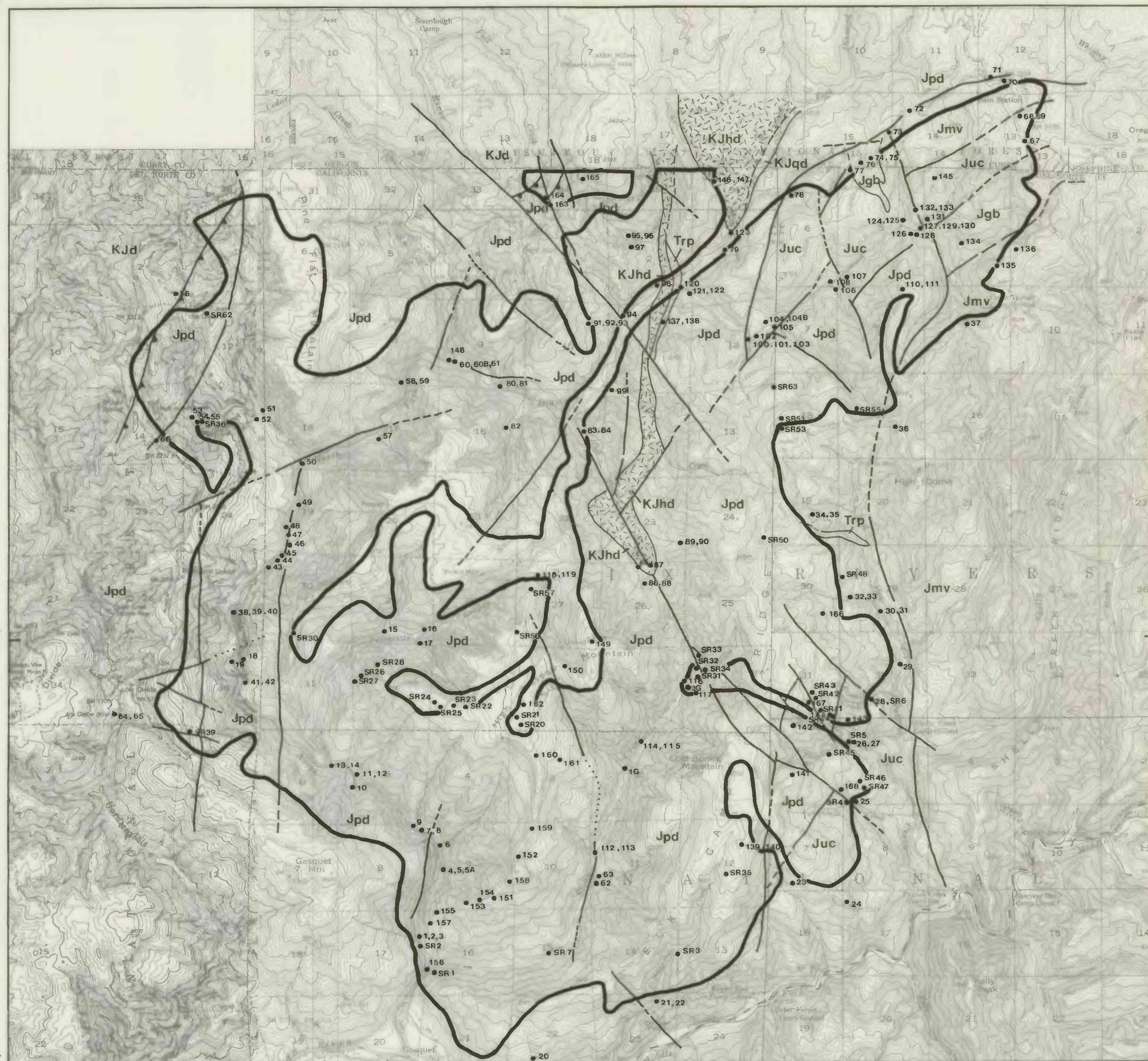


124° 03'
42° 02'

123° 48'



DESCRIPTION OF MAP UNITS

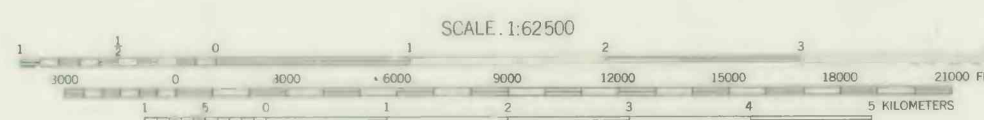
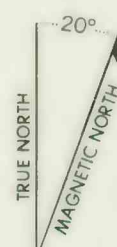
- Trp RHYOLITE PORPHYRY AND ASSOCIATED FELSIC DIKES (TERTIARY)
- KJqd QUARTZ DIORITE INTRUSIVE (JURASSIC AND CRETACEOUS)
- KJhd HORNBLENDE DIORITE INTRUSIVES (JURASSIC AND CRETACEOUS)
- KJd DOTHAN FORMATION (JURASSIC AND CRETACEOUS)--Sediments
- Jmv METAVOLCANIC FLOWS AND SHEETED MAFIC DIKES (JURASSIC)
- Jgb GABBRO (JURASSIC)
- Juc ULTRAMAFIC CUMULATES (JURASSIC)
- Jpd HARZBURGITE-DUNITE TECTONITE (JURASSIC)

- CONTACT--Dashed where inferred
- FAULT--Dashed where inferred; dotted where location and nature uncertain
- THRUST FAULT--Sawteeth on upper plate
- BOUNDARY OF ROADLESS AREA
- SR20 } ROCK AND STREAM SEDIMENT SAMPLES
- 160 }
- 1G }

41° 55'

41° 51'

Base from U.S. Geological Survey
Crescent City, 1952;
Gasquet, 1951;
Chetco Peak, 1954.



CONTOUR INTERVAL 80 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Geology by H. Cornwall and
D. Huber, 1979; F. Gray
and N. J. Page, 1980-82.

This report is preliminary and has
not been reviewed for conformity
with U.S. Geological Survey editorial
standards.

GEOCHEMICAL ANALYSES OF ROCK AND STREAM SEDIMENT SAMPLES
FROM THE NORTH FORK SMITH RIVER ROADLESS AREA,
DEL NORTE COUNTY, CALIFORNIA, AND CURRY COUNTY, OREGON

By

Floyd Gray, Jocelyn A. Peterson, Robert R. Carlson,
P. Briggs, Joseph Haffty, E. F. Cooley, and Norman J Page

1982