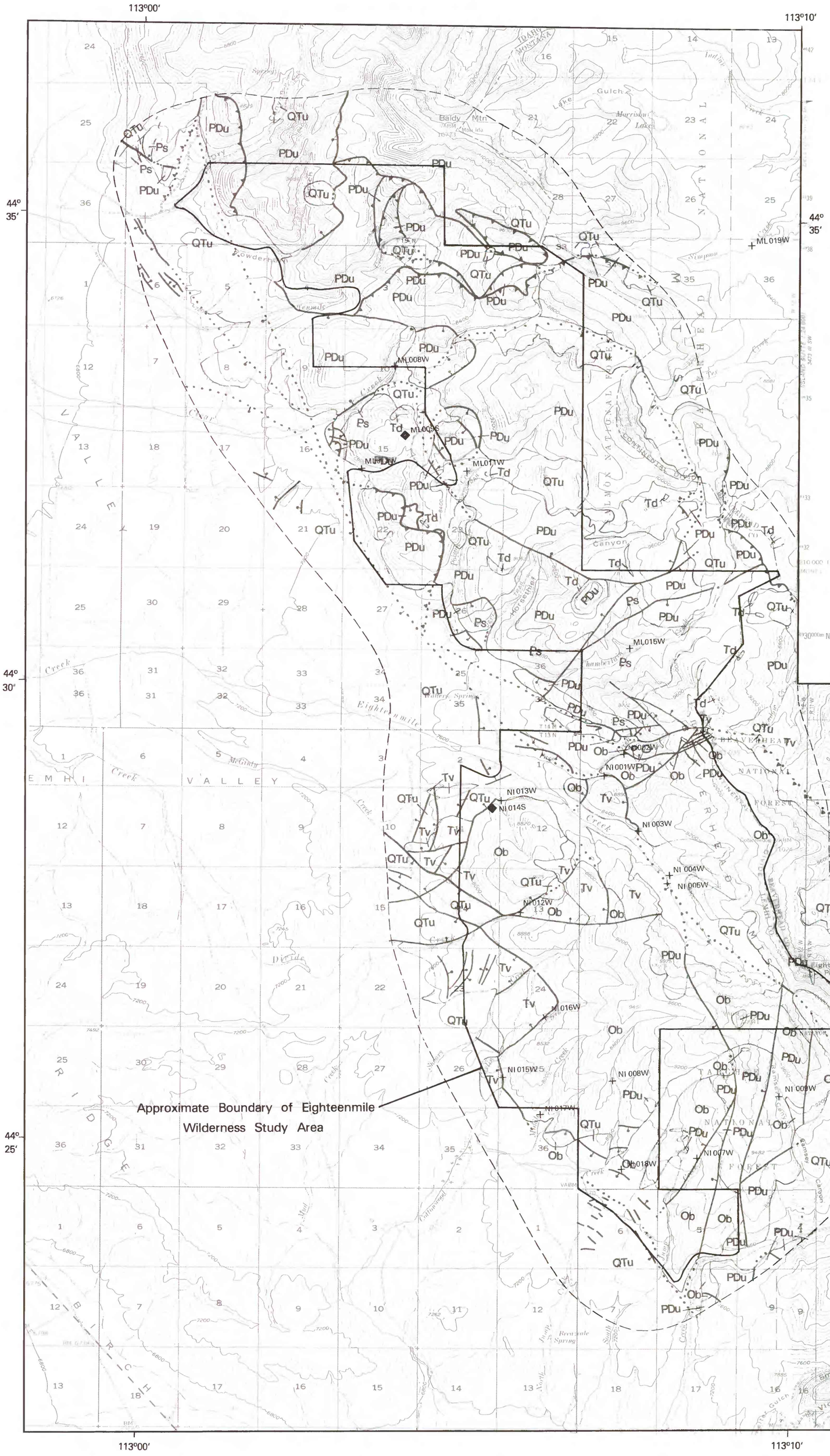
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED FOR THE U.S. BUREAU OF LAND MANAGEMENT
(GEM PHASE 2)

OPEN-FILE REPORT
84-279
PLATE 4 OF 4



CORRELATION OF MAP UNITS

QTu	QUATERNARY
UNCONFORMITY	
Tv, Td	TERTIARY
UNCONFORMITY	
POu	PERMIAN TO ORDOVICIAN
UNCONFORMITY	
Ob	ORDOVICIAN
UNCONFORMITY	
Ps	PROTEROZOIC

DESCRIPTION OF MAP UNITS

QTu	Alluvial, colluvial, glacial, and landslide deposits undivided
Tv	Volcanic rocks
Td	Dike or sill
POu	Permian to Ordovician marine sedimentary rocks undivided
Ob	Granite and syenite of Beaverhead Mountains pluton
Ps	Proterozoic sandstone

EXPLANATION

- NI009W + — SAMPLE LOCALITY, location of water sample
- ◆ — SAMPLE LOCALITY, location of soil sample
- CONTACT, dashed where approximate or inferred
- FAULT, dashed where approximate; dotted where concealed; bar and ball on downthrown side; arrow indicates mostly strike slip
- THRUST FAULT, dashed where approximate; queried where uncertain; dotted where concealed; teeth on upper plate
- MINE
- PROSPECT

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

Base from U.S. Geological Survey 1:62,500 Morrison Lake 1956, Nicholia 1956, and Scott Peak 1957 quadrangles

SCALE 1:62 500

1 ½ 0 1 2 3 4 MILES

1 .5 0 1 2 3 4 KILOMETERS

Geology by Betty Skipp assisted by Jean M. LaDue, 1982-83; geology in vicinity of Dry Canyon modified from B. K. Lucchitta (1966); geology in vicinity of Eighteenmile Peak modified from Skipp and others (1983). Samples collected by Jerry R. Hassemer and Betty Skipp, 1983

SIMPLIFIED GEOLOGIC MAP OF THE EIGHTEENMILE WILDERNESS STUDY AREA (ID-43-3), LEMHI COUNTY, IDAHO, SHOWING WATER AND SOIL SAMPLE LOCALITIES