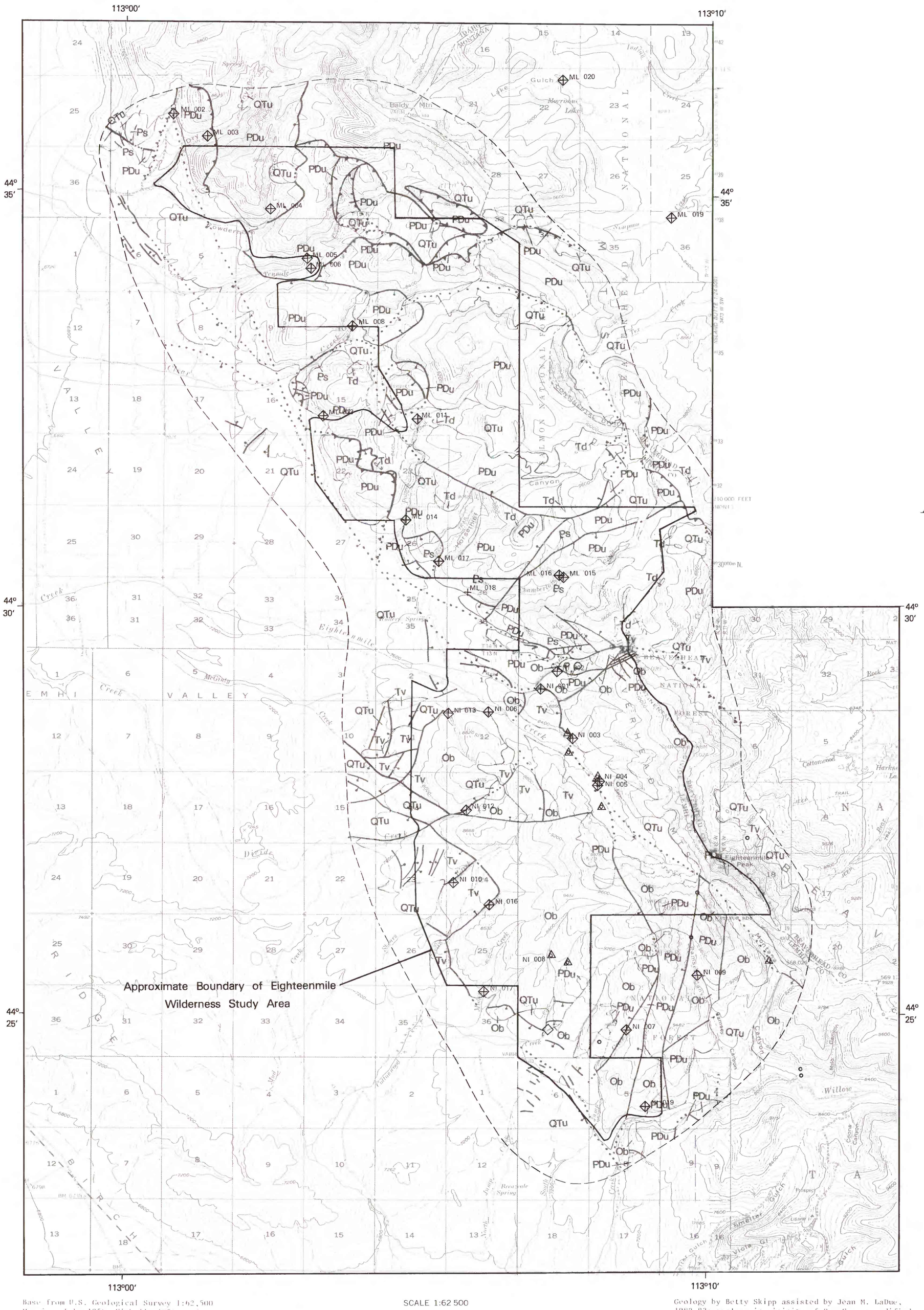

Base from U.S. Geological Survey 1:62,500 Morrison Lake 1956, Nicholia 1956, and Scott Peak 1957 quadrangles

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

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

+ ML 006	SAMPLE LOCALITY, location and identifier of sieved stream-sediment sample collected in this study
◇	SAMPLE LOCALITY, location of heavy-mineral concentrate sample collected in this study
○	SAMPLE LOCALITY, location of sieved stream-sediment sample collected in the Italian Peak study
△	SAMPLE LOCALITY, location of heavy-mineral concentrate sample collected in the Italian Peak study
	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

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