DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

EXPLANATION

Ge
Quaternary surficial deposits
Mainly talus, glacial and alluvial deposits

Upper Jurassic to Tertiary plutonic rocks
Mainly albitic granite. Queried where doubtful

Upper Jurassic and/or Cretaceous McHugh Complex
Includes marine metasomatic and metavolcanic rocks

Jurassic(?), plutonic rocks
Mainly quartz diorite

Upper Paleozoic to lower Mesozoic greenschist and bedded chert
Greenschist includes metagenesis(?)
and altered diabase

Upper Paleozoic or lower Mesozoic ultramafic rocks
Mainly dunite, clinopyroxene-pyroxenite
and peridotite; includes light-colored strongly altered gabbroic
layers in the northwest part.
Queried where doubtful

Upper Paleozoic or lower Mesozoic (Permian?) metamorphic rocks
Mainly amphibolite-facies schists

Contact approximately located, dotted where concealed
Fault, approximately located, dotted where concealed
Approximate extent of glaciers
where base map has been modified
Measured Estimated from distant observation
Strike and dip of beds or layering
Inclined Vertical
Strike and dip of foliation or schistosity
Sample locality and number
Photo location, figure 2
Dikes or sills, probably albitic granite

SCALE
Contour interval 100 Feet
BAYON IS MEAN SEA LEVEL

FIGURE 1. Reconnaissance Geologic Map of the Wolverine Ultramafic Complex Showing Sample Localities.