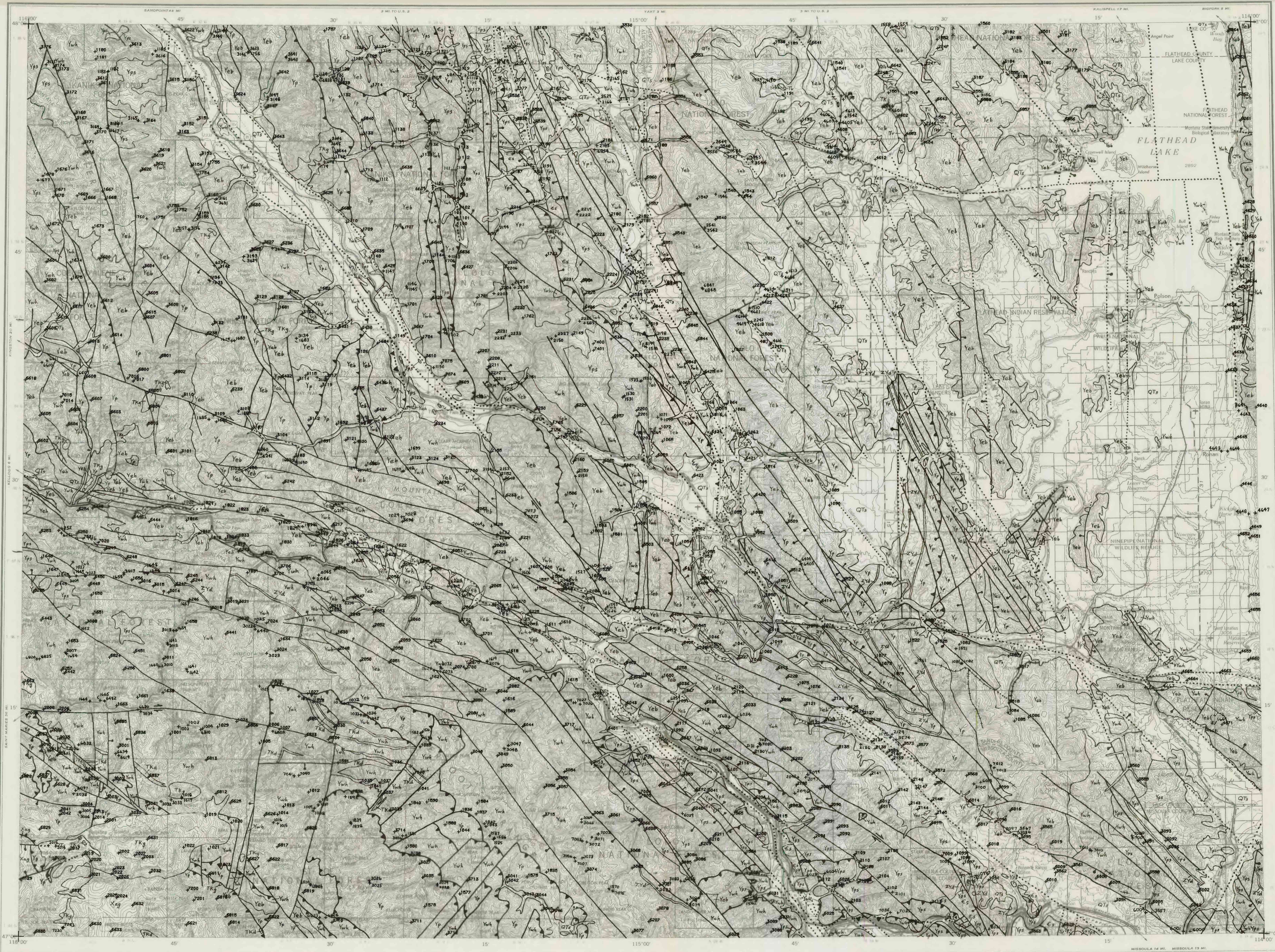
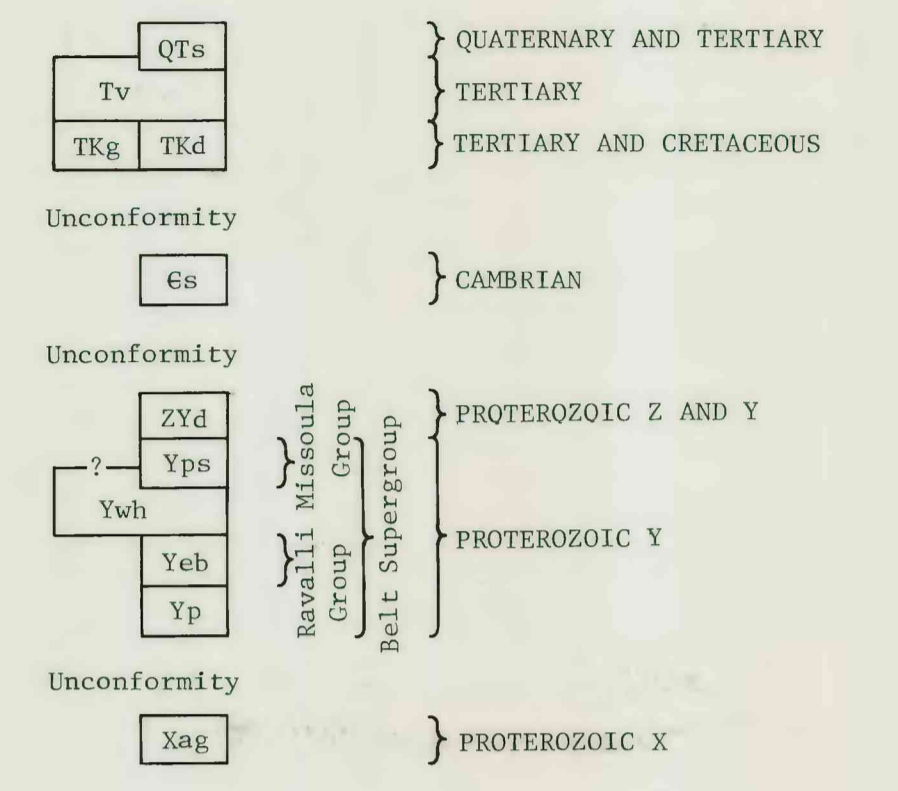


This map is part of a folio of maps of the Wallace 1° x 2° quadrangle, Montana-Idaho, prepared under the Conterminous United States Mineral Assessment Program (CUSMAP).



CORRELATION OF GEOLOGIC MAP UNITS



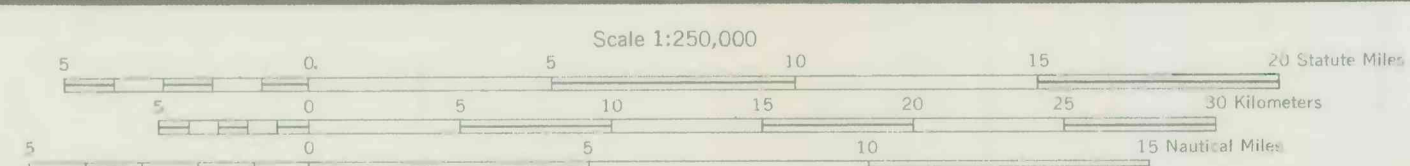
DESCRIPTION OF GEOLOGIC MAP UNITS

- QTs VALLEY FILL DEPOSITS (QUATERNARY AND TERTIARY)--Alluvium, glacial deposits, and semiconsolidated to consolidated conglomerate interlayered in places with shale, coal, and volcanic ash; shown only in major valleys and basins or along main stream courses
- Tv VOLCANIC ROCKS (TERTIARY)--Largely andesitic to dacitic welded tuff
- TKg GRANITIC INTRUSIVE ROCKS (TERTIARY AND CRETACEOUS)
- TKd DIORITIC INTRUSIVE ROCKS (TERTIARY AND CRETACEOUS)
- Es SEDIMENTARY ROCKS (CAMBRIAN)--Includes Red Lion Formation, Haskart Dolomite, Silver Hill Formation, Flathead Quartzite, and equivalent rocks
- ZYd DIORITIC TO GABBROIC SILLS AND DIKES (PROTEROZOIC Z AND Y)
- Yps MISSOULA GROUP (PROTEROZOIC Y)--Includes Filcher, Libby, Garnet Range, and McNamara Formations, Bonner Quartzite, and Striped Peak, Mount Shields, Shepard, and Snowlip Formations
- Ywh WALLACE AND HELENA FORMATIONS (PROTEROZOIC Y)
- Yeb RAVALLI GROUP (PROTEROZOIC Y)--Includes Empire, St. Regis, Spokane, Revett, and Burke Formations
- Yp PRICHARD FORMATION (PROTEROZOIC Y)
- Xag ANORTHOSITE, SCHIST, AND GNEISS (PROTEROZOIC X)

- CONTACT
- FAULT--Dotted where concealed. Bar and ball on downthrown side; arrows show relative direction of apparent horizontal movement
- THRUST FAULT--Dotted where concealed. Sawteeth on upper plate

NOTE: Geologic map is from Harrison, J.E., Griggs, A.B., and Wells, J.D., 1981, Generalized geologic map of the Wallace 1°x2° quadrangle, Montana and Idaho: U.S. Geological Survey Miscellaneous Field Studies Map MF-1354-A

Base from U.S. Geological Survey, 1956



CONTOUR INTERVAL 200 FEET WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS TRANSVERSE MERCATOR PROJECTION

PLATE 1.--LOCATIONS OF SAMPLE SITES FOR THE WALLACE 1°x2° QUADRANGLE, MONTANA AND IDAHO

By D. L. Leach, J. A. Domenico, D. H. Hopkins, H. E. Dawson, and R. J. Goldfarb 1982

Geology by J. E. Harrison, A. B. Griggs, and J. D. Wells, 1970-1980. Assisted by H. R. Covington (1972), Joseph Boggs (1973), and J. P. Harrison (1970-1980)

