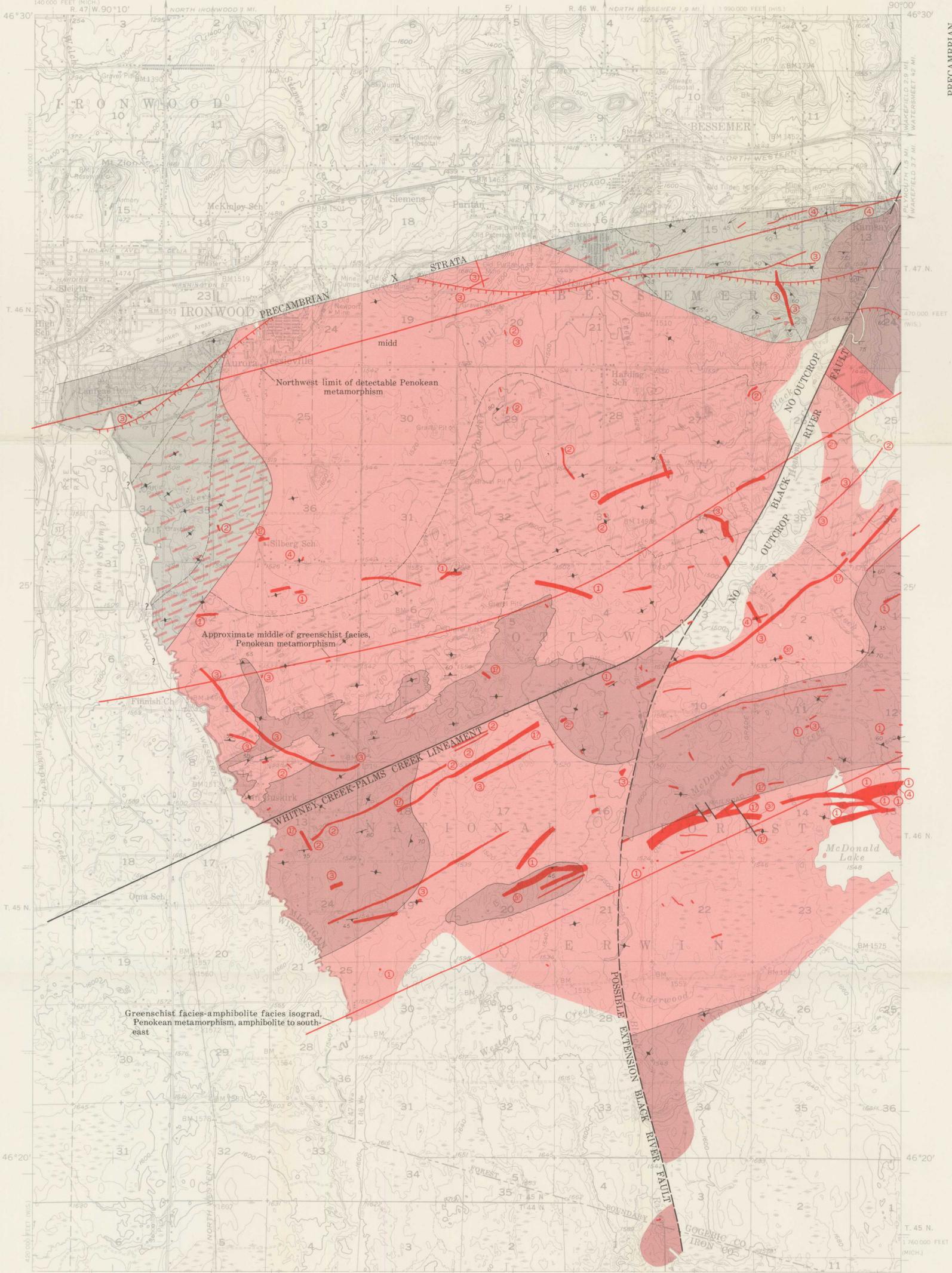
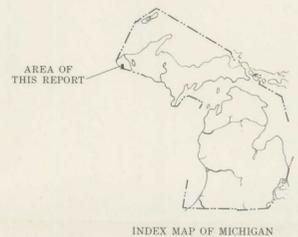


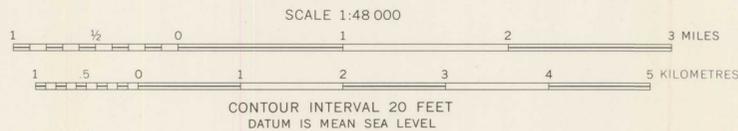
OE 75  
89  
NO. 1406-13  
C.5

EXPLANATION

-  MAFIC DIKES—Numbers refer to dike group as described in text. Concealed under water
-  SUNSET CREEK INTRUSIVE COMPLEX  
Dikes and irregular masses of aplite, granite, and pegmatite, Ramsay Formation paleosome common
-  Northern limit of occurrence of Sunset Creek Intrusive complex—Individual intrusives not shown
-  PURITAN-VAN BUSKIRK PLUTON  
Puritan Quartz Monzonite—Generally structureless porphyritic rock without inclusions of older rock
-  Puritan Quartz Monzonite—Generally unlayered migmatite, including abundant biotite schist or gneiss paleosome
-  Van Buskirk Gneiss—Layered gneiss containing a substantial portion of Puritan-type neosome
-  RAMSAY FORMATION AND ASSOCIATED MIXED ROCKS  
Ramsay Formation—Stratified sequence of tuffaceous metasediments and some mafic flows
-  Whiskers Creek Gneiss—Generally slightly foliated hornblende or biotite quartz diorite, derived from Ramsay Formation by contact metamorphism
-  Whiskers Creek Gneiss with apophyses of Puritan Quartz Monzonite—Puritan apophyses sparse to common
-  Whiskers Creek Gneiss with apophyses of Puritan Quartz Monzonite—Puritan apophyses abundant
-  Contact
-  Phase boundary
-  Fault or major lineament—Dashed where extrapolated hypothetically, queried where extrapolation is alternate interpretation
-  Strike and dip of bedding
-  Strike and dip of foliation
-  Strike of vertical foliation
-  Direction and plunge of lineation
-  Metamorphic isograd



Base from U.S. Geological Survey, 1955  
10,000-foot grids based on Wisconsin coordinate system, north zone, and Michigan coordinate system, west zone  
1000-metre Universal Transverse Mercator grid ticks, zone 15, shown in black



Interior—Geological Survey, Reston, Va.—1976—G75157  
Geology by Robert G. Schmidt and George C. Stephens, 1965—69

GEOLOGIC MAP OF THE PRECAMBRIAN W (LOWER PRECAMBRIAN) ROCKS IN WESTERN GOGEBIC COUNTY, MICHIGAN