



U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

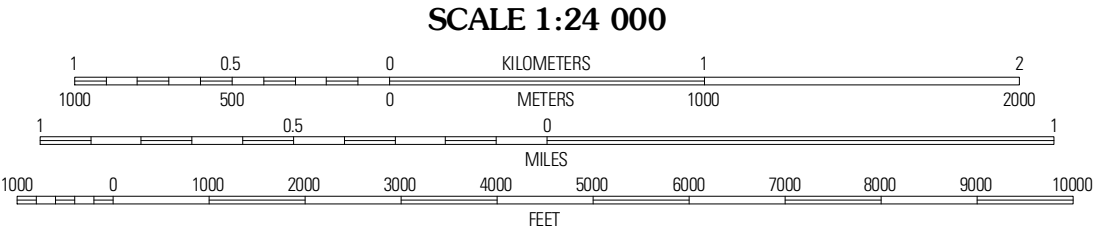
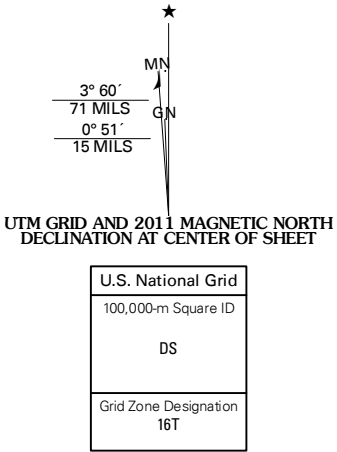


KIERNAN QUADRANGLE  
MICHIGAN-IRON CO.  
7.5-MINUTE SERIES

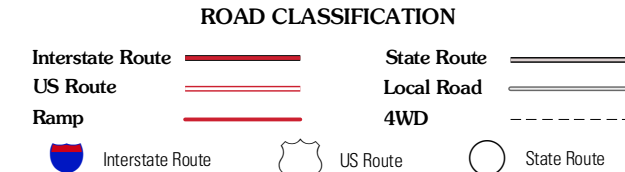
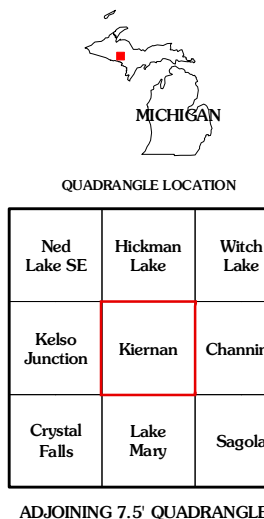


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 16T  
10 000-foot ticks: Michigan Coordinate System of 1983  
(north zone)

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Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 1999  
Boundaries.....Census, IBWC, IDC, USGS, 1972 - 2010



CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with version 0.5.10  
of the USGS US Topo Product Standard.  
A metadata file associated with this product is draft version 0.5.16



KIERNAN, MI  
2011