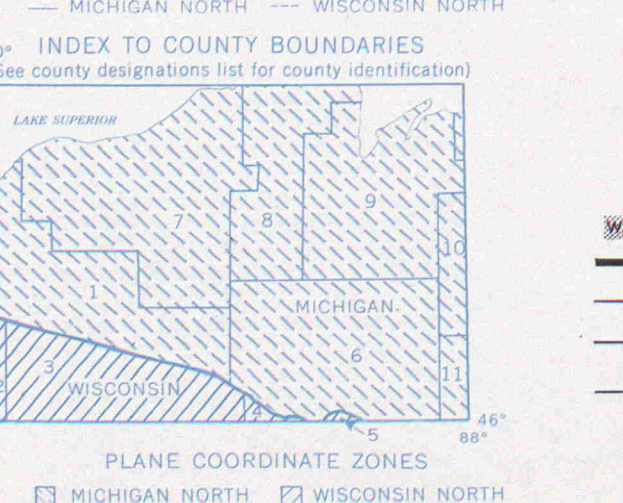


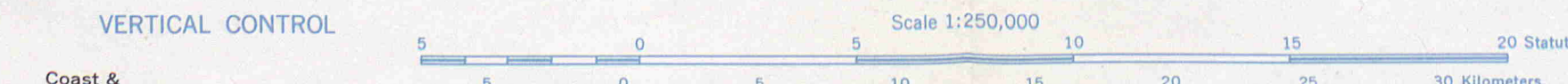
IRON RIVER, MICHIGAN, WISCONSIN (NL 16-4)
SEPTEMBER 1970

Base prepared by the U. S. Army Topographic Command (KCSX), Washington, D. C. Compiled in 1957 by photogrammetric methods and from United States quadrangles, 1:24,000, 1:25,000, 1:48,000, 1:50,000, 1:62,500, 1:944-56, U. S. Lake Survey Charts 1395. Planimetry revised from aerial photographs taken 1955. Horizontal and vertical control by USGS, USC&GS, and USCE. Map field checked 1958. Limited revision by U. S. Geological Survey, 1967.

100,000 FOOT PLANE COORDINATE GRID TICK SYMBOLS
MICHIGAN NORTH
WISCONSIN NORTH



- HORIZONTAL CONTROL**
- Monumented Point - First Order
 - Monumented Point - Second Order
 - Monumented Point - Third Order
 - Located Object - Third Order
 - See separate index for names of numbered stations
 - Station reported not recovered
 - Measured Base - Electro Optical or Taped
 - Line of triangulation observed
 - Line of triangulation observed from one end only
 - Measured Length - Electronic or Taped
 - Tie-theodolite Traverse - Electronic Distance
 - Transit Traverse - Taped Distance Third Order
 - Transit Traverse and Leveling Third Order
- VERTICAL CONTROL**
- First Order
 - Second Order
 - Third Order
- STATE SURVEY CONTROL**
- Hard surface, heavy duty
 - More than two lanes wide
 - Two lanes wide; Federal route marker
 - Hard surface, medium duty
 - Two lanes wide; State route marker
 - Improved light duty
 - Unimproved Dirt
 - Trail



SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TRANSVERSE MERCATOR PROJECTION

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

LEGEND

RAILROADS: Single track, Double or Multiple Standard gauge, Narrow gauge

BOUNDARIES: International, State, County, Park or Reservation

LANDMARKS: School, Church, Other, 2 + 1
Horizontal control point
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

46 089 4	46 089 1	46 089 4	46 089 1
46 089 3	46 089 2	46 089 3	46 089 2

COUNTY DESIGNATIONS

1 Gogebic
2 Iron
3 Viles
4 Florence
5 Ben
6 Ontonagon
7 Houghton
8 Baraga
9 Mackinac
10 Dickinson

GEOLOGICAL SURVEY
FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
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ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM GEODESY DIVISION, NOAA, ROCKVILLE, MARYLAND, 20082.

ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242.

USCOM - NOAA - DC JUNE 1971 A 595

IRON RIVER, MICHIGAN, WISCONSIN
SEPTEMBER 1970

U. S. DEPARTMENT OF COMMERCE
 ENVIRONMENTAL SCIENCE SERVICES ADMIN.
 COAST AND GEODETIC SURVEY
 ROCKVILLE, MARYLAND 20852
 FORM 6471 (2/68)
 DATE APR 1971

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

PAGE 1
 QUADS 460881-2-3-4 460891-2-3-4
 MICH-WIS
 LATITUDE 46° 00' TO 47° 00'
 LONGITUDE 88° 00' TO 90° 00'
 DIAGRAM NL 16-4 IRON RIVER

NO.	STATION NAME	QUAD	STATION NO.
1	KEWEENAW WATERWAY LIGHTHOUSE	460881	1017
2	CREBASSA LATITUDE POST USLS	460881	1030
3	KEWEENAW POINT MIDDLE BASE USLS	460881	1031
4	CRYSTAL FALLS CO COURT HOUSE TOWER	460882	1010
4	CRYSTAL FALLS MUNI WATER TANK	460882	1011
5	CRYSTAL FALLS CONSER DEPT RADIO MAST	460882	1009
6	STAMBAUGH THIRD ST MUNI WATER TANK	460883	1017
7	AU VILLAGE USLS	460881	1028
7	PEQUAMING FORD CO LBR MILL SHORT TANK	460881	1020
7	PEQUAMING FORD CO LBR MILL TALL TANK	460881	1021
8	STAMBAUGH 8TH ST MUNI WATER TANK	460883	1018

NO.	STATION NAME	QUAD	STATION NO.
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