

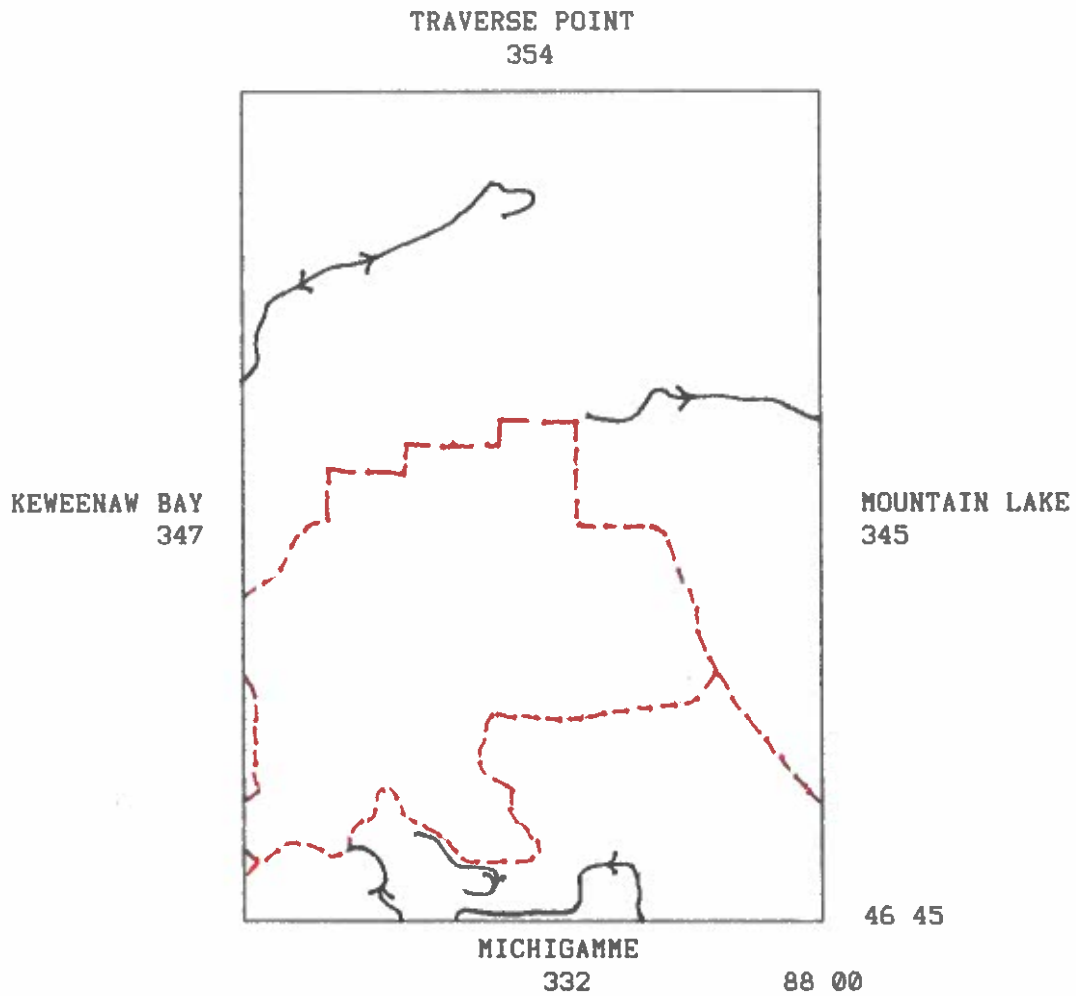
THIRD ORDER LEVELS
NATIONAL GEODETIC
VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

46-088-11
SKANEE
MICHIGAN 346
N4645-W8800/15
DIAGRAM NL-16-4
IRON RIVER

BARAGA AND MARQUETTE COUNTIES

EDITION OF: 2/4/87 DDB



DASHED LINES REPRESENT NGS CONTROL
FORMAT NO. 460881

NGS ELEVATIONS IN THIS
LIST MAY NOT BE CURRENT

LINE 1

BOOK CV-472 1951 R. E. CAREY 346 - SKANEE

BM 17 RC 1951 0 0 07.9 510.109 M 1673.583 FT
 BM; MICHIGAMME, ABOUT 14 MI N. AND 3 MI W. FROM; 0.2 MI S. AND W.
 ALONG RD. FROM SENSENBRENNER AND SELDON LOGGING CAMP; SW. QUARTER SEC.
 10, T. 50 N., R. 31 W.; 285 FT NW. OF RD. FORKS W. AND SW., 37 FT N.
 AND 5.6 FT HIGHER THAN CENTER OF RD.; IN BLACK BOULDER, STANDARD TAB-
 LET STAMPED "17 RC 1951 1674"

BM 18 RC 1951 0 0 09.7 443.883 M 1456.307 FT
 BM; MICHIGAMME, ABOUT 15 MI N. AND 4 MI W. FROM; 13 MI E. OF L'ANSE,
 410 FT N. AND 200 FT W. FROM YELLOW TAG DESIGNATING 160 PACES W. TO
 QUARTER CORNER BETWEEN SECS. 4 AND 9, T. 50 N., R. 31 W.; 130 FT N.
 AND 220 FT W. FROM BRIDGE OVER BRANCH OF SLATE RIVER, 220 FT W. OF
 TRAIL N. AT SHARP CURVE FROM S. TO W., 18 FT S. AND 5.7 FT HIGHER THAN
 CENTER OF RD.; IN WHITE BOULDER, STANDARD TABLET STAMPED "18 RC 1951
 1456"

LINE 2

BOOK CV-472 1951 R. E. CAREY 346 - SKANEE

BM 22 RC 1951 0 0 08.3 520.279 M 1706.949 FT
 BM; MICHIGAMME, ABOUT 14 MI N. AND 1 MI E. FROM; 0.9 MI N. AND W.
 ALONG RDS. FROM PENAGOR LOGGING CAMP, NEAR N. CENTRAL SIXTEENTH COR.
 SEC. 8, T. 50 N., R. 30 W.; 170 FT W. OF RD. FORKS NW. AND W., 15 FT
 N. OF CENTER OF RD.; IN ROCK OUTCROP, STANDARD TABLET STAMPED "22 RC
 1951 1761"

BM 23 RC 1951 0 0 10.4 452.345 M 1484.067 FT
 BM; MICHIGAMME, 15 MI N. AND 0.5 MI W. FROM; 1 MI N. AND 16.5 MI E.
 FROM L'ANSE, NW. COR. SEC. 6, T. 50 N., R. 30 W.; 0.2 MI E. OF HURON
 CREEK, ABOUT 200 FT SE. OF SMALL CREEK CROSSING; 27 FT N., 100 FT
 E. AND 1.7 FT LOWER THAN TRAIL FORKS NW. AND SW., NEAR S. BANK OF
 SMALL CREEK; IN FLAT ROCK OUTCROP, STANDARD TABLET STAMPED "23 RC 1951
 1484" (NOT FOUND 6/82, DEK)

LINE 3

BOOK CV-524 1952 J. D. ROETZEL 346 - SKANEE

BM TT 21 C 1938 0 0 01.5 223.927 M 734.666 FT
 BM; SKANEE, 1 MI N. AND 5 MI E. FROM; NEAR COR. SECS. 15, 16, 21 AND
 22, T. 52 N., R. 30 W.; 28 FT N. AND 183 FT E. FROM CROSSROADS; 13 FT
 N. AND 9 FT W. FROM TELEPHONE POLE; IN CONCRETE POST, STANDARD TABLET
 STAMPED "TT 21 C 1938 735"

BM 1 DR 1952 0 0 03.4 190.810 M 626.017 FT
 BM; SKANEE, 1.5 MI N. AND 6.5 MI E. FROM; NEAR CENTER SEC. 14, T. 52
 N., R. 30 W.; 195 FT E. OF RD. FORK NE., 14 FT N., 30 FT E. AND 1 FT
 HIGHER THAN RD. AT DIM CROSSTRAIL; IN CONCRETE POST, STANDARD TABLET
 STAMPED "1 DR 1952 626"

BM 2 DR 1952 0 0 05.5 224.606 M 736.893 FT
 BM; SKANEE, 1.5 MI N. AND 8.7 MI E. FROM; NEAR CENTER SEC. 18, T. 52
 N., R. 29 W.; 16 FT S., 10 FT W. AND 0.5 FT LOWER THAN RD. AT DIM
 TRAIL S.; 9 FT S. OF BLAZED TWIN 14 IN. POPLAR TREE; IN CONCRETE POST,
 STANDARD TABLET STAMPED "2 DR 1952 737" (NOT FOUND 6/82, DEK)

UE 2 DR 1952 RM 0 0 05.5 225.595 M 740.140 FT
 REFERENCE MARK; 46 FT S. OF TABLET, 30 FT SW. OF RD. AT TRAIL S.; ON
 TOP OF GRANITE BOULDER, CHISELED SQUARE

LINE 4

BOOK CV-526 1952 R. L. BOEKENKAMP 346 - SKANEE

BM TT 2 GM 1952 0 0 02.0 222.546 M 730.137 FT
 BM; AURA, 1 MI E., THENCE 1 MI N., THENCE 1.9 MI NE. FROM ALONG LOG-
 GING RD., SW 1/4 SEC. 17, T. 52 N., R. 32 W.; IN SMALL CLEARING AND 25
 FT S. OF CENTER OF RD., 1 FT ABOVE RD.; IN CONCRETE POST, STANDARD
 TABLET STAMPED "TT 2 GM 1952 730"

BM TT 3 GM 1952 0 0 04.3 203.918 M 669.022 FT
 BM; AURA, 1 MI E., THENCE 1 MI N., THENCE 3.9 MI NE. FROM ALONG LOG-
 GING RD.; NEAR SEC. 9, T. 52 N., R. 31 W.; 30 FT E. OF CENTER OF RD.,
 IN SMALL CLEARING 3 FT ABOVE RD.; IN CONCRETE POST, STANDARD TABLET
 STAMPED "TT 3 GM 1952 669"

BM TT 4 GM 1952 0 0 06.4 198.085 M 649.883 FT
 BM; AURA, 1 MI E., THENCE 1 MI N., THENCE 6 MI NE. FROM ALONG LOGGING
 RD.; NEAR SEC. 3, T. 52 N., R. 31 W.; 128 FT E. OF DIM TRAIL N., 25 FT
 N. OF CENTER OF RD., ABOUT SAME LEVEL OF RD.; IN CONCRETE POST, STAND-
 ARD TABLET STAMPED "TT 4 GM 1952 650"

UE 4 C 0 0 07.9 191.963 M 629.800 FT
 UE; 16 FT SE. OF CENTER OF RD. AT POINT OF REVERSAL OF REVERSE CURVE;
 IN TOP OF BOULDER, ABOUT 1 FT HIGHER THAN RD., 4 FT W. OF 16 IN.
 MOUNTAIN ASH TREE, CHISELED SQUARE

BM TT 5 GM 1952 0 0 08.4 193.556 M 635.024 FT
 BM; AURA, 1 MI E., THENCE 1 MI N., THENCE 8 MI NE. FROM ALONG LOGGING
 RD.; NEAR SEC. 35, T. 53 N., R. 31 W.; 110 FT W. OF CREST OF HILL, 31
 FT N. OF CENTER OF RD. AT DIM TRAIL SE., IN CLEARING ON N. SIDE OF
 RD., SAME LEVEL AS RD.; IN CONCRETE POST, STANDARD TABLET STAMPED "TT
 5 GM 1952 635"

BM TT 6 GM 1952 0 0 10.2 192.885 M 632.822 FT
 BM; AURA, 1 MI E., THENCE 1 MI N., THENCE 9.8 MI NE. FROM ALONG LOG-
 GING RD.; NEAR SEC. 30, T. 53 N., R. 30 W.; 250 FT E. OF SHARP CURVE,
 IN CLEARING ON S. SIDE OF RD., 25 FT S. OF CENTER OF RD., 1 FT ABOVE
 RD.; IN CONCRETE POST, STANDARD TABLET STAMPED "TT 6 GM 1952 633" (NOT
 FOUND 6/82, DEK)

BM TT 7 GM 1952 0 0 11.6 183.839 M 603.145 FT
 BM; AURA, 1 MI E., THENCE 1 MI N., THENCE 11.1 MI NE. FROM ALONG LOG-
 GING RD., SEC. 29, T. 53 N., R. 30 W., AT NORTHERNMOST POINT OF POINT
 ABBAYE PENINSULA; ON FIRST OF FOUR ROCK REEFS EXTENDING IN LAKE
 SUPERIOR, ABOUT 20 FT N. OF MAINLAND; 5 FT N. AND 4 FT W. FROM S. END
 OF ROCK REEF, COUNTERSUNK, STANDARD TABLET STAMPED "TT 7 GM 1952 603"

LINE 5

BOOK CV-3670 1982 D. N. BURGESSON

346 - SKANEE

BM F 161 1948	1	4	00.0	439.617 M	1442.310 FT
BM; ABOUT 1.25 MI E. ALONG U.S. HWY. 41 FROM THE DULUTH, S. SHORE AND ATLANTIC RAILWAY STATION AT L'ANSE, THENCE ABOUT 4.05 MI E.-NE. AND SE. ALONG A GRAVEL RD., THENCE ABOUT 6.65 MI E. ALONG A DIRT RD., THENCE ABOUT 2.3 MI E. ALONG A LOGGING RD., THENCE ABOUT 0.2 MI NW. AND NW. ALONG A TRAIL CROSSING SLATE RIVER, THENCE ABOUT 1.2 MI NE., ABOUT 0.35 MI N. AND ABOUT 1 MI SE. ALONG TRAILS, AT THE JCT. OF TRAILS LEADING E. AND NE., 21 FT E.-NE. OF THE CENTER OF THE TRAIL LEADING S.-SE., 110 FT S.-SE. OF THE CENTER OF THE JCT. OF THE TRAILS, 7 FT NW. OF A TRIANGULAR BLAZED CROOKED MAPLE TREE; 2 FT ABOVE THE TRAIL AND SET IN THE TOP OF A CONCRETE POST, PROJECTING 4 IN., A STANDARD DISK STAMPED "F 161 1948"					
MP CENTER OF RD @ TRAIL	1	5	00.4	476.459 M	1563.183 FT
MP; CENTER OF RD. AT TRAIL N.					
MP T-RD N	1	6	01.0	464.987 M	1525.545 FT
MP; T-RD. N. ON ROCK					
UE A	1	7	01.2	465.318 M	1526.631 FT
UE; 1.2 MI (1.9 KM) SE. ALONG RD. FROM BM F 161 1948; T. 51 N., R. 30 W., IN THE SW 1/4 SEC. 32; 59 FT (18 M) W., 3 FT (0.9 M) HIGHER THAN A T-RD. W. AND 36 FT (11 M) S. OF CENTER OF RD.; ON TOP OF BOULDER, CHISELED SQUARE					
MP T-RD W	1	8	01.8	500.209 M	1641.102 FT
MP; T-RD. W.					
UE B	1	13	02.1	535.089 M	1755.538 FT
UE; 1.2 MI (1.9 KM) SE. ALONG RD. FROM BM F 161 TO A T-RD. W., THENCE 0.9 MI (1.4 KM) S. ALONG RD. TO A T-RD. NW.; T. 50 N., R. 31 W., IN THE SE 1/4 SEC. 2; 46 FT (14 M) E. (NORMAL) OF AND 4 FT (1.1 M) HIGHER THAN T-RD. NW.; ON TOP OF A 5 FT (1.5 M) SECTION OF COPPER COATED STEEL ROD ENCASED IN THE GROUND IN A 4 IN. (0.01 CM) PLASTIC TILE FILLED WITH ROCK AND SAND; ROD AND TILE PROJECT 0.2 FT (0.06 CM) ABOVE GROUND					
MP T-TRAIL	1	14	02.2	523.043 M	1716.017 FT
MP; T-TRAIL					
MP X-RD	1	15	02.3	541.989 M	1778.176 FT
MP; X-RD.					
UE MT ARVON 1982 RM 1	1	18	03.0	601.447 M	1973.247 FT
REFERENCE MARK 1; S. 80 DEGREES E., 90 FT (27.5 M) FROM TABLET; 6 FT (1.7 M) NW. OF A 9 IN. (0.2 M) MAPLE TREE; TOP OF A 2 FT (0.7 M) EXPOSED BOULDER, CHISELED SQUARE ON ROCK					
MP MT ARVON 1982 RM 2	1	19	03.0	602.899 M	1978.011 FT
REFERENCE MARK 2; N. 15 DEGREES E., 38 FT (11.4 M) FROM TABLET ON THE SSE. ROOT OF A 1 FT (0.4 M) MAPLE TREE; HEAD OF RR. SPIKE 1 FT (0.5 M) FROM TRUNK OF TREE					

BM MT ARVON 1982 1 20 03.0 603.273 M 1979.238 FT
BM; SKANEE, 8 MI (13.3 KM) S. AND 2.75 MI (4.6 KM) E. OF; ABOUT 14 MI
(23.3 KM) DUE EAST OF L'ANSE; T. 50 N., R. 31 W., IN THE SW 1/4 OF
SEC. 2; AT THE HIGH POINT OF MT. ARVON; 1.2 MI (1.9 KM) SE. ALONG RD.
FROM BM F 161, TO A T-RD. W., THENCE 0.9 MI (1.4 KM) S. ALONG RD.
TO A T-RD. NW., THENCE 0.5 MI (0.8 KM) NW. AND W. TO A DIM T-TRAIL W.
TO MT. ARVON, CONTINUE W. ON TRAIL, 0.4 MI (0.7 KM) TO END OF TRAIL
NEAR TOP, THENCE 251 FT (76.5 M) TO TOP OF MT. ARVON AND TABLET,
IN CONCRETE POST, STANDARD TABLET STAMPED "MT ARVON 1982 1979"