

PUBLICATION COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

OBSOLETE HORIZONTAL CONTROL  
APPROXIMATE NORTH AMERICAN  
DATUM OF 1927

Houghton and Keweenaw Counties

Final Adjustment of 1945, based  
on USC&GS adjustment of 1934

Edition of 7/25/73  
PR: JNF/PS

Approx. Magnetic Declination  
(1970)  $0^{\circ}15'$  W.  
Annual Change  $0.2'$  W.

47-088-24  
EAGLE RIVER QUADRANGLE  
361 - MICHIGAN  
N4715-W8815/15  
DIAGRAM NL 16-1-2  
HANCOCK

Azimuths to reference points are  
Geographic Azimuths reckoned  
clockwise from true South  
except where otherwise noted.

Plane coordinates are based on  
Lambert Projection, Michigan,  
North Zone.

MUGGUN CREEK  
361 A

EAGLE HARBOR  
360

X= 1,627,438  
Y= 903,065

47°15'

88°15'

LAKE LINDEN

47-088-24  
EAGLE RIVER QUADRANGLE  
361 - MICHIGAN

STATION	DESCRIPTION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y	° ' "	° ' "

OBSELETE CONTROL

Due to methods employed and the improbability of recovery, this work is considered obsolete and does not warrant additional ties.

1115. Calumet, 1.75 mi N. and 0.75 mi W. of, in SE.  $\frac{1}{4}$  sec. 3, T. 56 N. and 34 ft E. of T-rd. W. to Tamarack Waterworks, 27 ft N. of corner post of fence E., in concrete post; standard tablet stamped "TT 28 C 1945" Azimuth to N. cupola of barn 0.75 mi distant:  $9^{\circ}11'45''$   
1,634,153      912,119      47 16 30.59      88 28 35.14
1126. Ahmeek, 3.0 mi W. of, near quarter corner between secs. 26 and 35, T. 57 N., R. 33 W., 330 ft W. of T-rd. N., 5 ft S. of tangent of rd. E., 5 ft S. and 4 ft W. of corner post of fence W., in concrete post; standard tablet stamped "TT 29 C 1945"  
1,637,984      921,343      47 18 02.30      88 27 32.06
1144. Allonez, 0.9 mi NW. of, in SW  $\frac{1}{4}$  sec. 31, T. 57 N., R. 32 W., 38 ft N. and 74 ft W. of rd. forks, in rock outcrop; standard tablet stamped "TT 30 C 1945"  
1,647,513      918,039      47 17 31.41      88 25 12.98
1174. Ahmeek, 2.45 mi N. and W. of along Fivemile Point Rd., near cor. secs. 17, 18, 19 and 20, T. 57 N., R. 32 W., 25 ft N. and 28 ft E. of crossroads, 14 ft S. and 19 ft W. of SW. corner of Gratiot School, in line with U.S. Coast Guard Telephone Line, in concrete post; standard tablet stamped "TT 31 C 1945" Azimuth to SE. corner of chimney on school:  $237^{\circ}59'45''$   
1,651,511      931,630      47 19 46.22      88 24 18.50
1183. Ahmeek, 3.95 mi N. of along Fivemile Point Rd., near E. sixteenth corner between secs. 8 and 17, T. 57 N., R. 32 W., 32 ft S. and 15 ft W. of rd. fork NE., 55 ft E. of U.S. Coast Guard Telephone Pole 133-42, in concrete post; standard tablet stamped "TT 32 C 1945"  
1,655,509      936,710      47 20 37.04      88 23 21.76
1195. Ahmeek, 6.05 mi N. of, along Fivemile Point Rd., 1.9 mi S. of Sand Hills Light House, in NW  $\frac{1}{4}$  sec. 4, T. 57 N., R. 32 W., 52 ft S. and 23 ft W. of rd. fork W., 15 ft N. and 46 ft W. of U.S. Coast Guard Telephone Pole 200-42, in concrete post; standard tablet stamped "TT 33 C 1945"  
1,657,384      947,155      47 22 20.42      88 22 57.19
1220. Fivemile Point, 1265 ft E. along shore of Lake Superior from a point opposite Sand Hills Lighthouse, at W. side of small bay, in Easternmost one of a group of projecting, red sandstone rocks, about 3 ft above water level, set vertically in S. face of ledge; aluminum tablet stamped "PRIM TRAV STA NO 7 1907 MICHIGAN"  
1,661,755      954,646      47 23 35.08      88 21 55.58
- 1250.=401. Mohawk, 6.0 mi SE. of school at along Mohawk-Gay Rd., 350 ft N. and 190 ft W. of blazed 15-in. pine witness tree marking cor. secs. 4, 5, 8 and 9, T. 56 N., R. 31 W., 40 ft S. of intersection of dim woods rd. SW., in concrete post; standard tablet stamped "TT 5 TX 1937"  
1,687,835      910,343      47 16 22.19      88 15 26.42
1275. Hebard's, 1.0 mi N. and 2.0 mi E. of, 0.7 mi N. of Thayer Lake along Rd. to Camp 9, 95 ft N. and 72 ft E. of stump of bearing tree marking approximate cor. secs. 28, 29, 32 and 33, T. 57 N., R. 31 W., 59 ft N. and 43 ft E. of rd. fork NE. to Camp 9, in concrete post; standard tablet stamped "TT 34 C 1945"  
1,688,175      920,554      47 18 03.00      88 15 23.84
1400. Eagle River, just W. of, in NE  $\frac{1}{4}$  sec. 24, T. 58 N., R. 32 W., 400 ft W. of school, on W. side of State Hwy. 26 at curve in concrete post; aluminum tablet stamped "PRIM TRAV STA NO 6 1907 MICHIGAN"  
1,677,933      960,675      47 24 37.26      88 18 01.66
1415. Eagle River, 1.45 mi E. of along State Hwy. 26, 5.8 mi W. of Eagle Harbor, in NE.  $\frac{1}{4}$  sec. 17, T. 58 N., R. 31 W., 30 ft N. and 10 ft E. of dim rd. fork N., in concrete post; standard tablet stamped "TT 37 C 1945"  
1,687,534      965,203      47 25 23.46      88 15 43.46

47-088-24  
 EAGLE RIVER QUADRANGLE  
 361 - MICHIGAN

STATION	DESCRIPTION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y	° ' "	° ' "
377.	Mohawk, 2.7 mi SE. of school at along Mohawk-Gay Rd., 750 ft NW. of cor. secs. 1, 2, 35 and 36, Tps. 56 and 57 N., R. 32 W., about 420 ft NW. of bridge over Traprock River, 60 ft S. and 5 ft E. of intersection of private drive S. to home of Ali Malila, 3 ft NE of fence line, in concrete post; standard tablet stamped "TT 4 TX 1937"	1,671,969	916,137	47 17 16.82	88 19 17.85
381.	Sevenmile Point, about 0.75 mi SW. of, 500 ft SW. of Stoke Island, in SW. part of large outcrop of stone; aluminum tablet stamped "PRIM TRAV STA NO 8 1907 MICHIGAN"	1,645,367	943,784	47 21 45.06	88 25 50.84
362+A.	Tamarack Pumping Sta., 2.0 mi E. of, 30 ft from shore of Lake Superior, on S. side of Woods Rd., in sandstone post; aluminum tablet stamped "PRIM TRAV STA NO 9 1907 MICHIGAN"	1,633,099	925,587	47 18 43.29	88 28 44.06
563.	Mohawk, 1.6 mi SE. of, on N. side of Mohawk-Gay Rd., at corner of fence in plain view of rd., in concrete post; aluminum tablet stamped "PRIM TRAV STA NO 20 1907 MICHIGAN"	1,668,574	920,123	47 17 55.59	88 20 08.05