

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OBSOLETE HORIZONTAL CONTROL
APPROXIMATE NORTH AMERICAN
DATUM OF 1927

Houghton and Keweenaw Counties

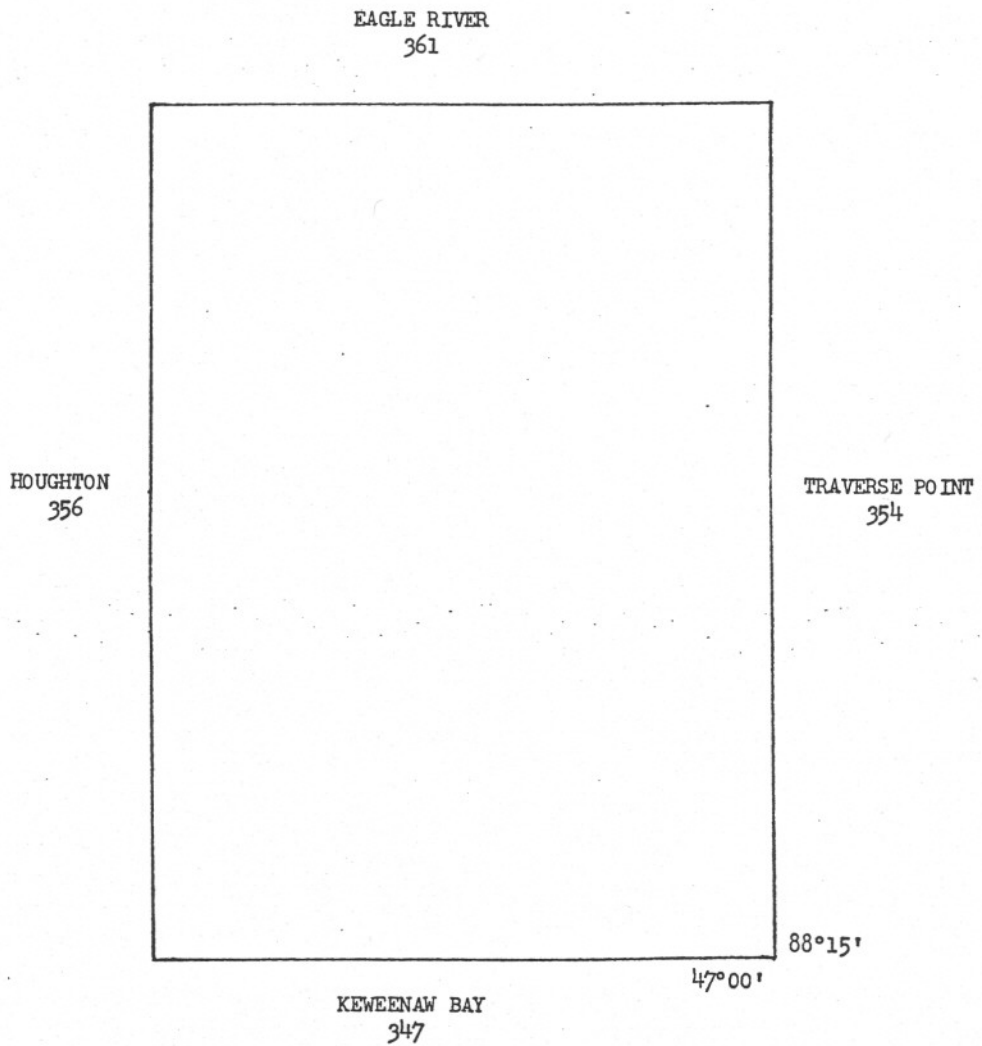
Edition of 7/26/73
PR: JNF/PS

Approximate Magnetic Declination
(1970) 0°31' W.
Annual Change 0.3' W.

47-088-23
LAKE LINDEN QUADRANGLE
355 - MICHIGAN
N4700-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
Transverse Mercator Projection,
Michigan, West Zone.



47-088-23
LAKE LINDEN QUADRANGLE
355 - MICHIGAN

STATION	DESCRIPTION	PLANE COORDINATES		LATITUDE			LONGITUDE		
		X	Y	°	'	"	°	'	"
<u>OBSOLETE CONTROL</u>									
Due to methods employed and the improbability of recovery, this work is considered obsolete and does not require additional ties.									
36.	Gay, 6.4 mi W. of along County Hwy. 562, 0.25 mi E. of Giles Tavern, near cor. secs. 25, 30, 31 and 36, T. 56 N., Rs. 31 and 32 W., near Houghton-Keweenaw County Line, 25 ft N. and 25 ft W. of rd. at fence S., in concrete post; standard tablet stamped "TT 3 C 1937"	612,192	2,083,344	47	12	51.50	88	17	54.76
70.-48.	T. 56 N., R. 32 W., 0.25 mi S. of N. $\frac{1}{4}$ cor. secs. 27 and 28, at NE. corner of end of lane, in concrete post; aluminum tablet stamped "PRIM TRAV STA NO 19 1907 MICHIGAN 838" 7' S. and 15' E. of T-fence	599,008	2,087,140	47	13	29.67	88	21	05.47
79.	Valley School, 730 ft N. and 1235 ft W. of, 730 ft N. of T-rd. N. near cor. secs. 20, 21, 28 and 29, T. 56 N., R. 32 W., 25 ft S. and 18 ft W. of center of bridge over Trap Rock River, in SW. wing wall; standard tablet stamped "TT 57 C 1935"	591,074	2,089,085	47	13	49.25	88	23	00.31
62.-901.	Lake Linden, at NE. edge of, 80 ft S. and 140 ft E. of center of bridge over Trap Rock River, 80 ft S. and 20 ft E. of intersection of Houghton County Hwys. 562 and 641, 110 ft N. of spur track of RR., 17 ft W. of telephone pole, in concrete post; standard tablet stamped "TT 4 C 1937"	588,101	2,076,482	47	11	44.99	88	23	44.19
	<i>cont. 7/94, Co. Hwy. Comm.</i>								
93.-211.	Dreamland, 2.25 mi N. and 1.5 mi E. of, near cor. secs. 28, 29, 32 and 33, T. 55 N., R. 32 W., 30 ft N. and 30 ft W. of T-rd. W., 40 ft N. and 2 ft E. of fence corner post, in concrete post; standard tablet stamped "TT 6 C 1937"	591,270	2,051,571	47	07	38.96	88	23	00.00
107.	Dreamland, 45 ft N. and 36 ft W. of SW. corner of Dreamland Hotel, 55 ft N. and 10 ft W. of rd. fork SE., 12 ft N. of N. end of row of mail boxes, in concrete post; standard tablet stamped "TT 7 C 1937"	583,919	2,040,653	47	05	51.52	88	24	46.98
84.	Dreamland, 4.0 mi N. of along Houghton County Hwy. 641, 455 ft S. of center of bridge over McCullen's Creek, 65 ft S. of S. pump at Leviske Service Station, 27 ft W. of rd. at entrance to Leviske farm, 1 ft E. of fence corner post, in concrete post; standard tablet stamped "TT 5 C 1937"	589,188	2,061,249	47	09	14.58	88	23	30.48
120.-180.	Portage Entry 5 mi N. and 1 mi E. of, near cor. secs. 19, 20, 29 and 30, T. 54 N., R. 32 W., 75 ft N. and 33 ft E. of T-rd. E. to Rabbit Bay, 11 ft N. of telephone pole, in concrete post; standard tablet stamped "TT 8 C 1937"	586,219	2,025,035	47	03	17.25	88	24	14.74
137.	Portage Entry, 2 mi N. and 1 mi E. of, near quarter corner between secs. 6 and 7, T. 53 N., R. 32 W., 143 ft S. and 30 ft E. of T-rd. E., 128 ft S. and 30 ft E. of T-rd. W., in concrete post; standard tablet stamped "TT 9 C 1937"	583,283	2,009,023	47	00	39.33	88	24	58.12
292.	Mid Lake, near NE. corner of, about 330 ft N. and 120 ft E. of outlet, 300 ft NW. of bridge over Mid Creek, 40 ft W. of dim crossroads, in concrete post; standard tablet stamped "TT 11 C 1937" (disturbed 6-52 JDR, Reset in same position), (disturbed 5-5-54 Wilson Wells)	611,163	2,053,815	47	08	00.09	88	18	12.11
192.	Rabbit Bay fishing village, 190 ft W. of shore line, 37 ft N. and 20 ft E. of T-rd. S., 37 ft N. and 24 ft W. of T-rd. N., in concrete post; standard tablet stamped "TT 10 C 1937"	598,475	2,026,691	47	03	33.03	88	21	17.61

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STATION	DESCRIPTION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y	° ' "	° ' "
721.	Calumet, near center of W. side of lot containing office buildings of Calumet and Hecla Consolidated Copper Co., 60 ft N. of NW. corner of president's lodge; standard iron post with bronze cap stamped "1241"	574,912	2,093,618	47 14 34.71	88 26 54.23
862.	Mason, 1.2 mi W. of, about 0.3 mi S. of quarter corner between secs. 21 and 22, T. 55 N., R. 33 W., 32 ft S. and 113 ft E. of rd. at fences N.-S., 113 ft E. of fence corner post; in concrete post; standard tablet stamped "TT 20 C 1945"	564,996	2,057,852	47 08 42.00	88 29 19.68
876.	Mason, 0.6 mi N. of along State Hwy. 26, 2.25 mi S. of Hubbell, 650 ft N. of Quincy Mill, 15 ft S. and 43 ft W. of hwy. at over head flume crossing, 55 ft E. of ruins of Stamp Mill, in 18 x 24-in. concrete foundation block; standard tablet stamped "TT 21 C 1945" Azimuth to finial of steel water tank 500 ft distant: 76° 37' 30"	572,620	2,059,279	47 08 55.82	88 27 29.33
888.	Hubbell, 190 ft N. of post office, 36 ft N. and 3 ft W. of intersection of State Hwy. 26 and Guck Street, at S. corner of small park, between sidewalk and curb, in 24 x 24-in. concrete block; standard tablet stamped "TT 22 C 1945" Azimuth to flagpole on cupola of school 550 ft distant: 196° 02' 15"	579,852	2,068,354	47 10 25.12	88 25 44.15