

THE SCHOOL OF MINES
STATE COLLEGE OF MICHIGAN

TOPOGRAPHY

DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

STATE OF MICHIGAN
BOARD OF GEOLOGICAL SURVEY
R.C. ALLEN, DIRECTOR

MICHIGAN
DETROIT QUADRANGLE
R. 12 E.



LEGEND

RELIEF
printed in brown

650

Altitude
above mean sea level
instrumentally deter-
mined

Contours
showing height above
sea horizontal form,
and steepness of slope
of the surface

Depression
contour

DRAINAGE
printed in blue

Streams

Intermittent
streams

Ditches

Pond

Marsh

CULTURE
printed in black

Roads and
buildings

Church or
schoolhouse
and cemetery

Private or
secondary road

Railroad

Electric
railroad

Drawbridge

Ferry

Wharves
or piers

U.S. township
and section lines

County line

Township line

City, village, or
borough line

Land grant
line

Bench mark

15' R. 10 E.
H.M. Wilson, Geographer.
Chas. E. Cooke, in charge of section.
Topography by Chas. E. Cooke and R.W. Berry.
Assistant, J.N. Williamson.
Control by U.S. Lake Survey, Geo. T. Hawkins,
and J.R. Ellis.
Surveyed in 1904.

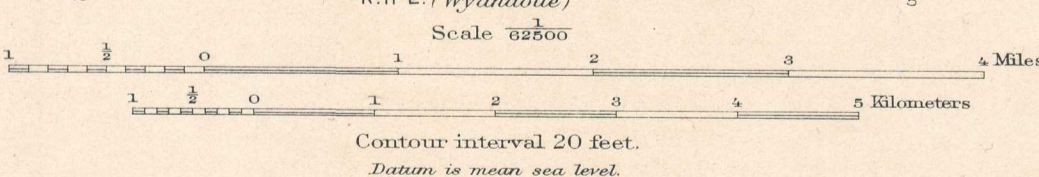


DIAGRAM OF TOWNSHIP

15	3	21
7	8	10
18	17	10
19	20	22
30	29	27
21	30	28

Edition of Dec. 1905, reprinted Sept. 1915.

SURVEYED IN COOPERATION WITH THE STATE OF MICHIGAN.