



U. S. G. S.  
FILE COPY  
Ed. Div. Topographic Maps.

U. S. G. S.  
FILE COPY  
Ed. Div. Topographic Maps.

U. S. G. S.  
FILE COPY  
Ed. Div. Topographic Maps.

Henry Gannett, Chief Topographer.  
Jno. H. Renshaw, Topographer in charge.  
Control by Geo. T. Hawkins.  
Topography by Robert Muldrow and from surveys  
made under the direction of C.R. Van Hise.  
Surveyed in 1891 and 1895.

Van Hise  
1891  
Muldrow  
1895

Scale 62500  
1 2 3 4 Miles  
1 2 3 4 Kilometers  
Contour interval 20 feet.  
Datum is mean sea level.

Edition of Feb. 1899, reprinted Mar. 1910.

APR 20 1910 2564

USGS  
Historical File  
Topographic Division

CRYSTAL FALLS, MICH.