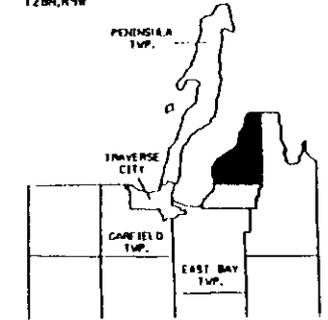


23 00016  
TOWNSHIP

HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

GRAND TRAVERSE COUNTY

T28N,R9W



HIGH RISK EROSION AREAS

THE NUMBER REPRESENTS, IN FEET, THE 30 YEAR PROJECTED RECESION DISTANCE.  
 100' THE NUMBER REPRESENTS, IN FEET, THE 80 YEAR PROJECTED RECESION DISTANCE.

HIGH RISK EROSION AREA  
 (shading alongshore)

THESE AREAS ARE LEGALLY DEFINED BY THE SHORELANDS PROTECTION AND MANAGEMENT ACT, 1978 P.A. 215, AS AMENDED, AS BEING GREAT LAKES SHORELAND AREAS DOCUMENTED TO RECEDE AN AVERAGE OF ONE FOOT OR MORE PER YEAR.

CRITICAL DUNE AREAS

BARRIER DUNE'S  
 BARRIER DUNE FORMATIONS DESIGNATED PURSUANT TO 1978 P.A. 222

AREAS NOT INCLUDED IN DESIGNATED BARRIER DUNE FORMATIONS THAT ARE COMPOSED PRIMARILY OF DUNE SAND AND EXHIBIT SEVERAL DUNE-LIKE CHARACTERISTICS.

EXEMPLARY DUNE ASSOCIATED PLANT COMMUNITIES OUTSIDE DESIGNATED DUNE FORMATIONS, MICHIGAN NATIONAL FEATURES INVENTORY REFERENCE CODE INDICATED.

SOURCE

STATE OF MICHIGAN ACT 245 RECESION RATE MAPS & ATLAS OF CRITICAL DUNE AREAS

INFORMATION

MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
 LAND AND WATER MANAGEMENT DIVISION  
 P.O. BOX 30825  
 LANSING, MI 48209  
 (517) 373-1758



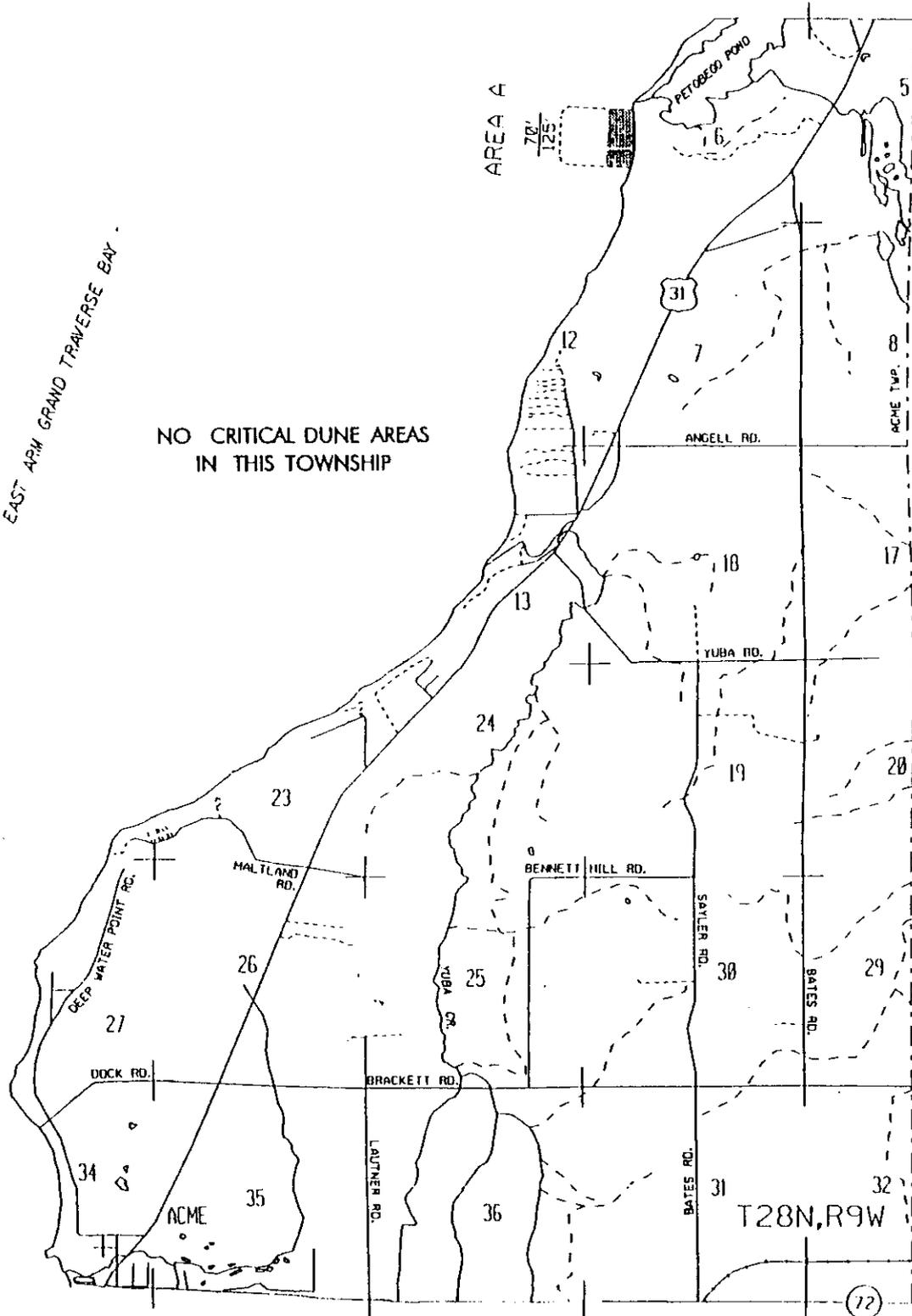
WATER LAKE SUPERVISION SYSTEM  
 MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
 LAND AND WATER MANAGEMENT DIVISION

82-11-93



EAST ARM GRAND TRAVERSE BAY

NO CRITICAL DUNE AREAS  
 IN THIS TOWNSHIP



(72)