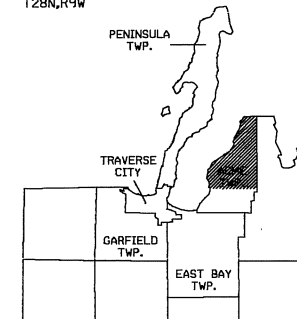


**ACME  
TOWNSHIP**

**HIGH RISK EROSION AREAS &  
CRITICAL DUNE AREAS**

GRAND TRAVERSE COUNTY

T28N,R9W



**HIGH RISK EROSION AREAS**

THE NUMBER REPRESENTS, IN FEET, THE  
60' 30 YEAR PROJECTED RECESSION DISTANCE.  
105' THE NUMBER REPRESENTS, IN FEET, THE  
60 YEAR PROJECTED RECESSION DISTANCE.

HIGH RISK EROSION AREA  
(shading alongshore)

THESE AREAS ARE LEGALLY DEFINED BY THE  
SHORELANDS PROTECTION AND MANAGEMENT ACT,  
1970 P.A. 245, AS AMENDED, AS BEING GREAT  
LAKES SHORELAND AREAS DOCUMENTED TO REcede  
AN AVERAGE OF ONE FOOT OR MORE PER YEAR.

**CRITICAL DUNE AREAS**

BARRIER DUNES  
BARRIER DUNE FORMATIONS DESIGNATED  
PURSUANT TO 1976 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 NATURAL  
FEATURES INVENTORY REFERENCE CODE  
INDICATED.

**SOURCE**

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

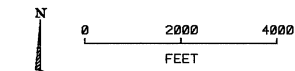
**INFORMATION**

MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
LAND AND WATER MANAGEMENT DIVISION  
P.O. BOX 30028  
LANSING, MI 48909  
(517) 373-1950



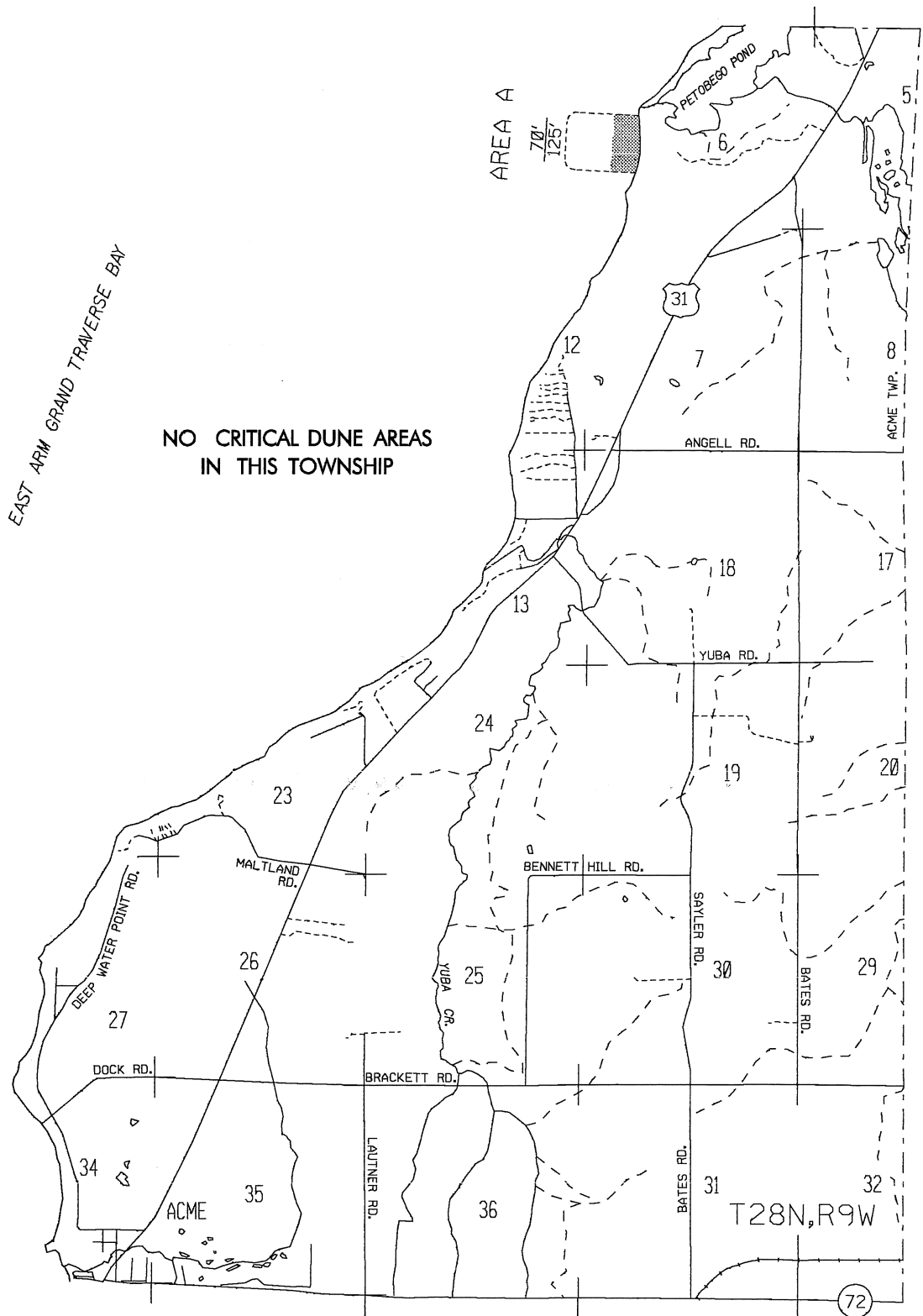
GREAT LAKES INFORMATION SYSTEM  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
LAND AND WATER MANAGEMENT DIVISION

02-11-93



EAST ARM GRAND TRAVERSE BAY

**NO CRITICAL DUNE AREAS  
IN THIS TOWNSHIP**



72

# Parcels in High Risk Erosion Areas of Acme Township, Grand Traverse County

HREAs identified North to South      Date of Designation: March 11, 1993

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	1	28-01-005-005-00 State of Michigan; located Southwest of Petobego Pond	1.8	70	125

HREA\* - Some parcels may be in multiple HREAs due to their large size.

30 yr PRD\* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for readily moveable structures including those structures 3,500 square feet or less and built on a basement, crawlspace or pilings. Additional restrictions may apply per Administrative Rules 281.21-22.

60 yr PRD\* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for non-readily moveable structures such as large structures and septic systems.

**Designation runs with the land including subsequent splits. Absence of a property number does not guarantee the property is located outside of an HREA. Contact the Great Lakes Shorelands Unit, Water Resources Division, DEQ in Lansing or the local DEQ field office for assistance.**