









MICROFILMS
APR 24 1984

GEOLOGY OF THE SITE















THE SITE, LOCATED ON S.R. 306 APPROXIMATELY 4.2 MILES SOUTH OF LAKE ERIE, IS ON A GLACIATED LAKE PLAIN JUST NORTH OF A LAKE AKRONA BEACH RIDGE. A BLANKET OF GROUND MORAINIC AND BEACH RIDGE DEPOSITS COVER THE SITE'S PREGLACIAL TOPOGRAPHY.

BEDROCK CONSISTS OF THE GRAY CHAGRIN SHALE MEMBER OF THE OHIO SHALE FORMATION, WHICH IS OF THE DEVONIAN AGE. THE SOIL-BEDROCK INTERFACE IS AT AN ELEVATION OF APPROXIMATELY 604 FEET.

LEGEND

-  Auger Boring Location - Plan View
-  Press and/or Drive Sample and/or Core Boring Location - Plan View
-  Capped Pile
-  Footing
-  Footing on Pile
- TR Top of Rock
-  Horizontal Bar on Boring Log Indicates the Depth the Sample Was Taken.
- X/Y/Z Figures Beside the Boring Log in Profile Indicate the Number of Blows for Standard Penetration Test.
X = Number of Blows for First 6 inches.
Y = Number of Blows for Second 6 inches.
Z = Number of Blows for Third 6 inches.
-  W — Indicates Free Water Elevation
-  V — Indicates Static Water Elevation

SYMBOLS OF ROCK TYPES

-  Coal
-  Weathered Mudstone or Claystone
-  Mudstone or Claystone
-  Weathered Shale
-  Shale
-  Weathered Siltstone
-  Siltstone
-  Weathered Sandstone
-  Sandstone
-  Leached Dolomite
-  Dolomite
-  Leached Limestone
-  Limestone
-  Boulders or Cobbles

BRUNING 44-132 30645-1

FRANKLIN CONSULTANTS INC.						1 / 5
Consulting Engineers						
COLUMBUS, OHIO						
STRUCTURE FOUNDATION INVESTIGATION						
BRIDGE No. LAK-306-0635 LAK-306-0637 LAK-306-0638						
S.R. 306 UNDER N&W AND CONRAIL R.R.						
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
	GW					