


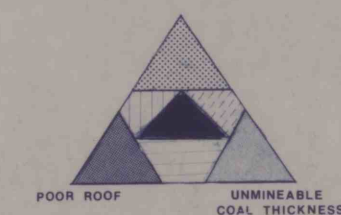


LEGEND








- PROPERTY BOUNDARY
-  MINING OPERATION (MARCH, 1981)
- OUTCROP OF UPPER FREEPORT "E" COALBED
- EXPLORATORY DRILL HOLES
- ECONOMIC LIMITS OF MINING

POTENTIAL GEOLOGIC HAZARDS

- POTENTIAL WANT AREA
- POOR ROOF AT SANDSTONE MARGINS



DEGREE OF HAZARD

- 


 ONE FACTOR OPERATING



 TWO FACTORS OPERATING

 THREE FACTORS OPERATING

REVISED DATE BY	THE NORTH AMERICAN COAL CORPORATION ENGINEERING DEPARTMENT 12800 SHAKER BOULEVARD CLEVELAND, OHIO 44120
	<div style="border: 2px solid black; padding: 10px; margin: 0 auto; width: 90%;"> <h2 style="margin: 0;">POTENTIAL GEOLOGIC HAZARDS</h2> </div>
DRAWN BY <u>J. GORDON</u>	DATE <u>MARCH 25, 1981</u>
APPROVED <u>W. J. SIPLIYV</u>	DATE
SCALE <u>1" = 2000'</u>	EASTERN DIVISION
PROJECT <u>HELEN</u>	No. <u>PLATE 10</u>

IMAPS# 15282