PROFILE SHOWING GEOLOGIC STRUCTURE OF TUSCARORA MTN. TUNNEL

SCALE IN FEET
JANUARY 3, 1941

Turnpike geology by A. B. Cleaves
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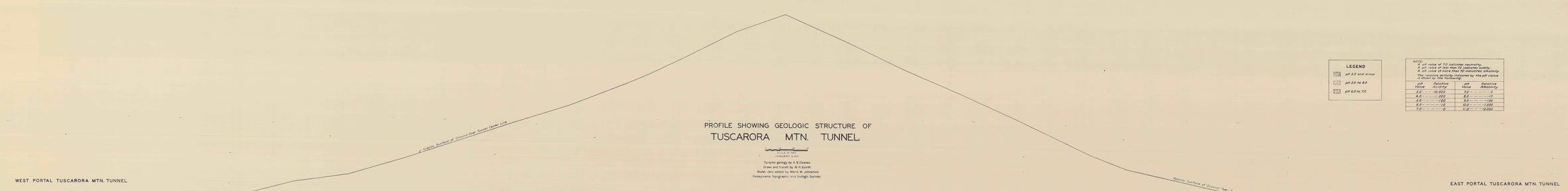
Pennsylvania Topographic and Geologic Survey



LEGEND

- pH 2.0 and minus
- pH 2.0 to 6.0
- pH 6.0 to 7.0

NOTE:
A pH value of 7.0 indicates neutrality.
A pH value of less than 7.0 indicates acidity.
A pH value of more than 7.0 indicates alkalinity.
The relative activity indicated by the pH values is shown by the following:

pH Value	Relative Acidity	pH Value	Relative Alkalinity
1.0	10,000	7.0	0
2.0	1,000	8.0	10
3.0	100	9.0	100
4.0	10	10.0	1,000
5.0	0	11.0	10,000