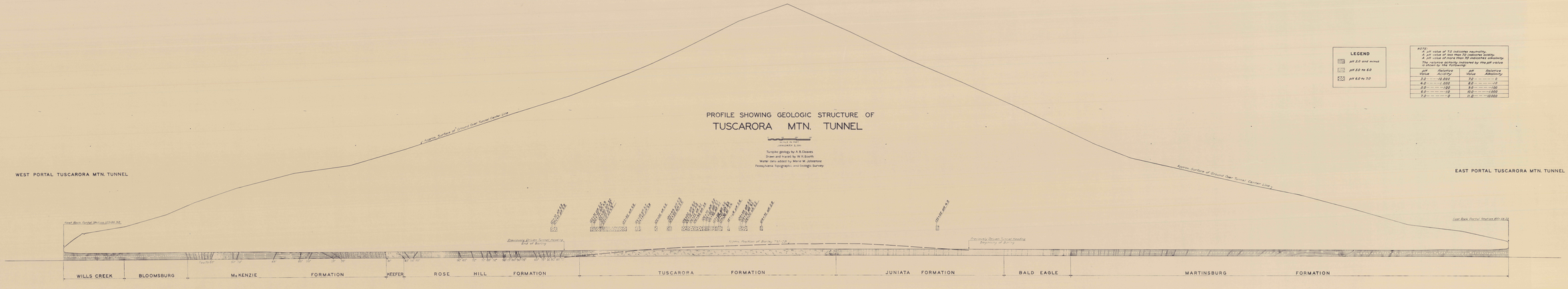
PROFILE SHOWING GEOLOGIC STRUCTURE OF TUSCARORA MTN. TUNNEL

SCALE IN FEET
JANUARY 2, 1941

Tunnel geology by A.R. Davies
Drawn and traced by W.E. Booth
Water data added by Marie M. Johnstone
Pennsylvania Topographic and Geologic Survey



LEGEND

- pH 5.0 and minus
- pH 5.0 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.
Relative acidity or alkalinity indicated by the pH value is shown in the following table:

pH Value	Relative Acidity	pH Value	Relative Alkalinity
3.0	10,000	7.0	0
4.0	1,000	8.0	10
5.0	100	9.0	100
6.0	10	10.0	1,000
7.0	0	11.0	10,000