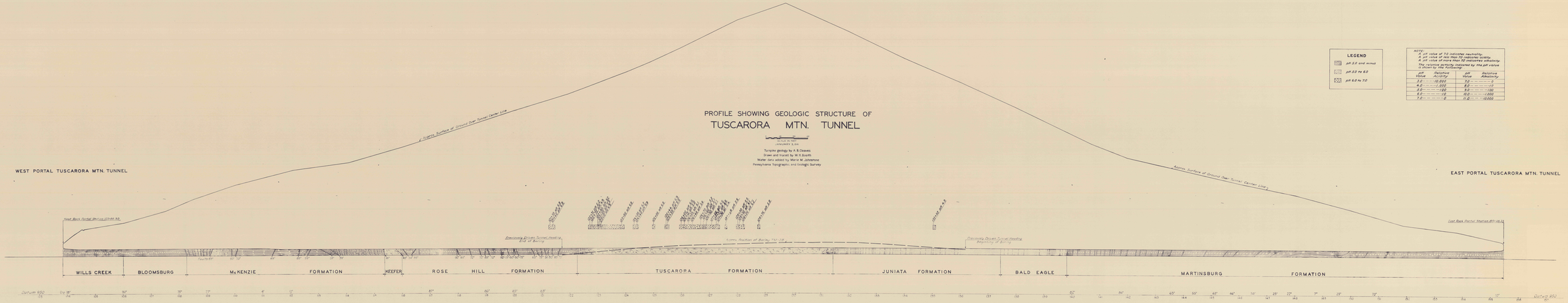
PROFILE SHOWING GEOLOGIC STRUCTURE OF TUSCARORA MTN. TUNNEL

SCALE IN FEET
JANUARY 1,1941

Turnpike geology by A.B. Cleaves
Drawn and traced by W.E. Booth
Water data added by Marie M. Johnsonse
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 acidity indicated by the pH value is shown by the following:

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