PROFILE SHOWING GEOLOGIC STRUCTURE OF TUSCARORA MTN. TUNNEL

SCALE IN FEET
(ANGLES 5.0%)

Turnpike geology by A.B.Cleaves
Drawn and traced by W.S.Booth
Water data added by Marie M.Johnstone
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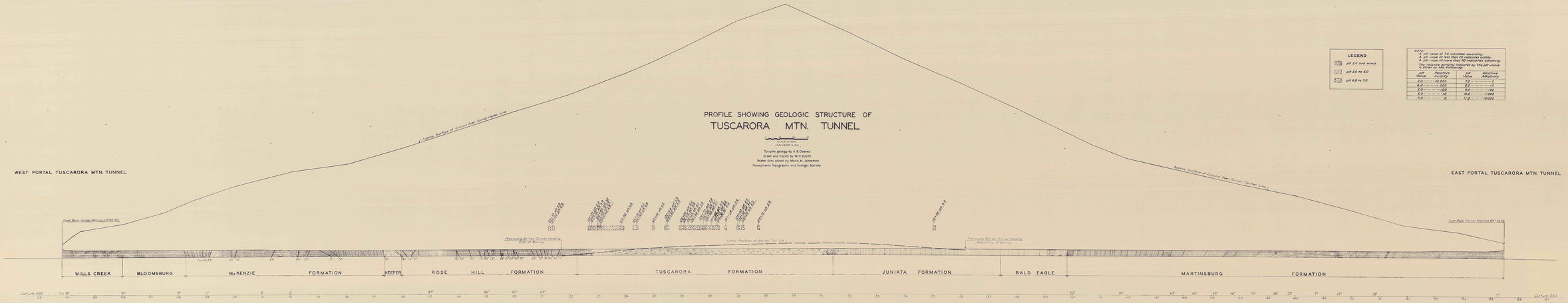

LEGEND

- 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.
The relative activity indicates by the pH value is shown by the following:

pH Value	Relative Acidity	pH Value	Relative Alkalinity
7.0	1.0	7.0	1.0
6.0	10.000	8.0	10
5.0	100.000	9.0	100
4.0	1.000.000	10.0	1.000
3.0	10.000.000	11.0	10.000