GEOLOGIC SECTIONS

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EXPLANATION

1. Overbank and river deposits; red bed, and well-sorted gravel deposits, high permeability.
2. Overbank and river deposits; clays, silts, and sands, medium permeability.
3. Overbank and river deposits; clays, silts, and sands, low permeability.
4. Overbank and river deposits; clays, silts, and sands, very low permeability.
5. Overbank and river deposits; clays, silts, and sands, extremely low permeability.
6. Overbank and river deposits; clays, silts, and sands, essentially impermeable.

WATER TABLE

1. Geologic contact: fault plane.

WELL LOGS:

1. Well logs: thickness, porosity, permeability, and other geophysical properties.

INTERPRETED PROFILES OF STRATIGRAPHY

1. Interpreted profiles of stratigraphy, including geological units and their relationships.

DATE OF WORK:

1. Date of work: the date when the geological survey was conducted.

NOTE

1. Notes on geological features, including observations and conclusions.

REFERENCE

1. References to other geological surveys and publications for further information.

GEOL. MAPPING:

1. Geologic mapping: the spatial distribution of geological units.

GEOHYDROLOGY OF THE VALLEY-FILL AQUIFER IN THE BATH AREA, LOWER COHOCTON RIVER, STEUBEN COUNTY, NEW YORK