84-4029

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
SUSQUEHANNA RIVER BASIN COMMISSION

WATER RESOURCES INVESTIGATIONS REPORT ~~83-4029~~
PLATE 2

BEDROCK-SURFACE ALTITUDE IN SEPARATED VALLEY AT SMYRNA, NEW YORK

EXPLANATION

WELL--terminates in bedrock. Hyphenated number represents well location (explained in Appendix 1); number in parentheses is approximate altitude of bedrock surface, in feet above sea level.

WELL--terminates in stratified drift. Hyphenated number represents well location; number in parentheses is approximate altitude of bottom of casing or screen, in feet above sea level.

TEST HOLE--terminates at the bedrock surface. Hyphenated number represents well location; number in parentheses is altitude of bedrock surface, in feet above sea level.

TEST HOLE--terminates in stratified drift. Hyphenated number represents well location; number in parentheses is altitude of bottom of hole, in feet above sea level.

SEISMIC-REFRACTION LINE--interpreted seismic refraction data are shown as geologic sections in figures 8A, 8B. Data used as control for bedrock-surface map.

TRACE OF GEOLOGIC SECTION--sections are shown in figures 2A-2C.

BEDROCK CONTOUR--shows altitude of bedrock surface. Dashed where inferred. Contour interval is 20 feet. Datum is sea level.

NEW YORK
INDEX MAP

0 ½ 1 MILE
0 ½ 1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Base from U.S. Geological Survey
Earlville, 1943; Holmesville, 1943; Norwich, 1943;
Sherburne, 1943, NY, 1:24,000 scale

Geology by R.J. Reynolds, 1981