





APPENDIX






LEGEND








BEDROCK GEOLOGY

- Dsw LOWER WALTON FORMATION - SHALE, SANDSTONE, CONGLOMERATE
- Dgo ONEONTA FORMATION - SHALE, SANDSTONE
- Dh UNDIFFERENTIATED HAMILTON GROUP - SHALE, SILTSTONE AND SANDSTONE
IN EASTERN ORANGE COUNTY: SKUNEMUNK FORMATION - SANDSTONE, CONGLOMERATE;
BELLVALE FORMATION - SHALE, SANDSTONE AND GRAYWACKE; CORNWALL SHALE
- Dou ONONDAGA LIMESTONE - LIMESTONE, SHALE
- Dhg HELDERBERG GROUP - UNDIFFERENTIATED LIMESTONE AND SHALE
- DS UNDIFFERENTIATED LOWER DEVONIAN AND SILURIAN ROCKS. IN ORANGE COUNTY:
KANOUSE SANDSTONE; WOODBURY CREEK FORMATION - SHALE, SANDSTONE;
ESOPUS SHALE; CONNELLY CONGLOMERATE; CENTRAL VALLEY SANDSTONE
- Srp UNDIFFERENTIATED SILURIAN ROCKS I: UNDIFFERENTIATED SANDSTONE, SHALE, SILTSTONE AND DOLOMITE
- Sbs UNDIFFERENTIATED SILURIAN ROCKS II: UNDIFFERENTIATED SHALE, CONGLOMERATE AND SANDSTONE
- On MARTINSBURG FORMATION - SHALE, SILTSTONE, SANDSTONE AND GRAYWACKE
- OEw WAPPINGER GROUP - LIMESTONE, DOLOMITE AND SHALE
- mu UNDIFFERENTIATED GNEISS
- mgu UNDIFFERENTIATED GNEISS AND GRANITE, GRANITIC GNEISS
- mb CALCILIC AND DOLOMITIC MARBLE


-  FAULT
-  GEOLOGIC CONTACT
-  FRACTURE TRACE
-  UNCONFORMITY

UNCONSOLIDATED DEPOSITS

-  STRATIFIED SAND AND GRAVEL AT LAND SURFACE AND BELOW THE WATER TABLE
-  STRATIFIED SAND AND GRAVEL BELOW CLAY OR SILT AND THE WATER TABLE
-  STRATIFIED CLAY AND SILT WITH NO OR THIN LAYERS OF SAND AND GRAVEL
AT LAND SURFACE AND BELOW THE WATER TABLE
-  STRATIFIED SAND AND GRAVEL AT LAND SURFACE AND ABOVE THE WATER TABLE
-  STRATIFIED SAND AND GRAVEL AT LAND SURFACE, VERTICAL THICKNESS UNKNOWN

-  FAVORABLE LOCATION FOR TARGETING HIGH YEILDING BEDROCK WELL
-  MUNICIPAL/COMMUNITY BEDROCK SUPPLY WELL - IN SERVICE
-  MUNICIPAL/COMMUNITY BEDROCK SUPPLY WELL - NOT IN SERVICE
-  MUNICIPAL/COMMUNITY SAND AND GRAVEL SUPPLY WELL - IN SERVICE
-  MUNICIPAL/COMMUNITY SAND AND GRAVEL SUPPLY WELL - NOT IN SERVICE
-  EXISTING GROUND-WATER CONTAMINATION SITE *
-  POTENTIAL GROUND-WATER CONTAMINATION SITE *

* LOCATIONS APPROXIMATE, FIELD VERIFICATION REQUIRED.

 WATERSHED BOUNDARY

Note: It should be understood that not all of the mapped sand and gravel deposits would be suitable for ground-water supply development.

The fracture-trace maps of the county designate favorable locations for the development of high-yielding bedrock wells. Exploration for water from bedrock sources is an inexact science in which not all test wells can be expected to produce enough water for public use in addition not all fractures or fracture traces are water bearing.

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