

Thermal Springs and CO₂ Wells of the Mid-Hudson Valley

LEGEND

GEOLOGY

- Dev- Devonian Limestones and Sandstones
- Osh- Overlying Ordovician Shales including: Normanskill Shale and Taconic Allocton.
- COaq- Cambro-Ordovician Aquifer including: Trenton Black River Limestone, Beekmantown Dolomites, Theresa Formation, and Potsdam Sandstone.
- Pre-Cambrian Basement
- Boundary of Lithologic Units
- Generalized Boundary of Lithologic Units

FAULTS *

- Normal Faults with Hatching on Downthrown Block.
- Normal Fault-Inferred
- Normal Fault-Inferred from Subsurface Information.
- Thrust Fault with Sawteeth on Overthrust Plate.

* Note: Most Thrust Faults associated with the Taconic Allocton have been deleted for clarity.

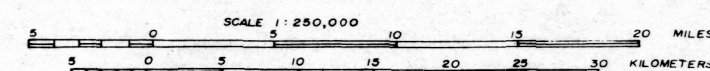
SPRINGS and WELLS SAMPLED DURING THIS PROGRAM.

- Free CO₂ Wells and Springs
- Brine Wells with greater than 500 PPM Alkalinity.
- Wells with less than 500 PPM Alkalinity.
- Thermal Springs and Control Wells

SPRINGS and WELLS SAMPLED PREVIOUSLY with PARTIAL CHEMICAL DATA AVAILABLE.

- Free CO₂ Springs and Wells
- Brine Wells

- Generalized Negative Gravity Anomaly - 70 mgal contour
- Generalized Positive Aeromagnetic Anomaly
- Proposed Initial Seismograph Locations



BASE MAP INFORMATION:
New York State Museum and Science Service
Map and Chart Series no. 15, 1970
Map and Chart Series nos. 31 B/E, 1977

