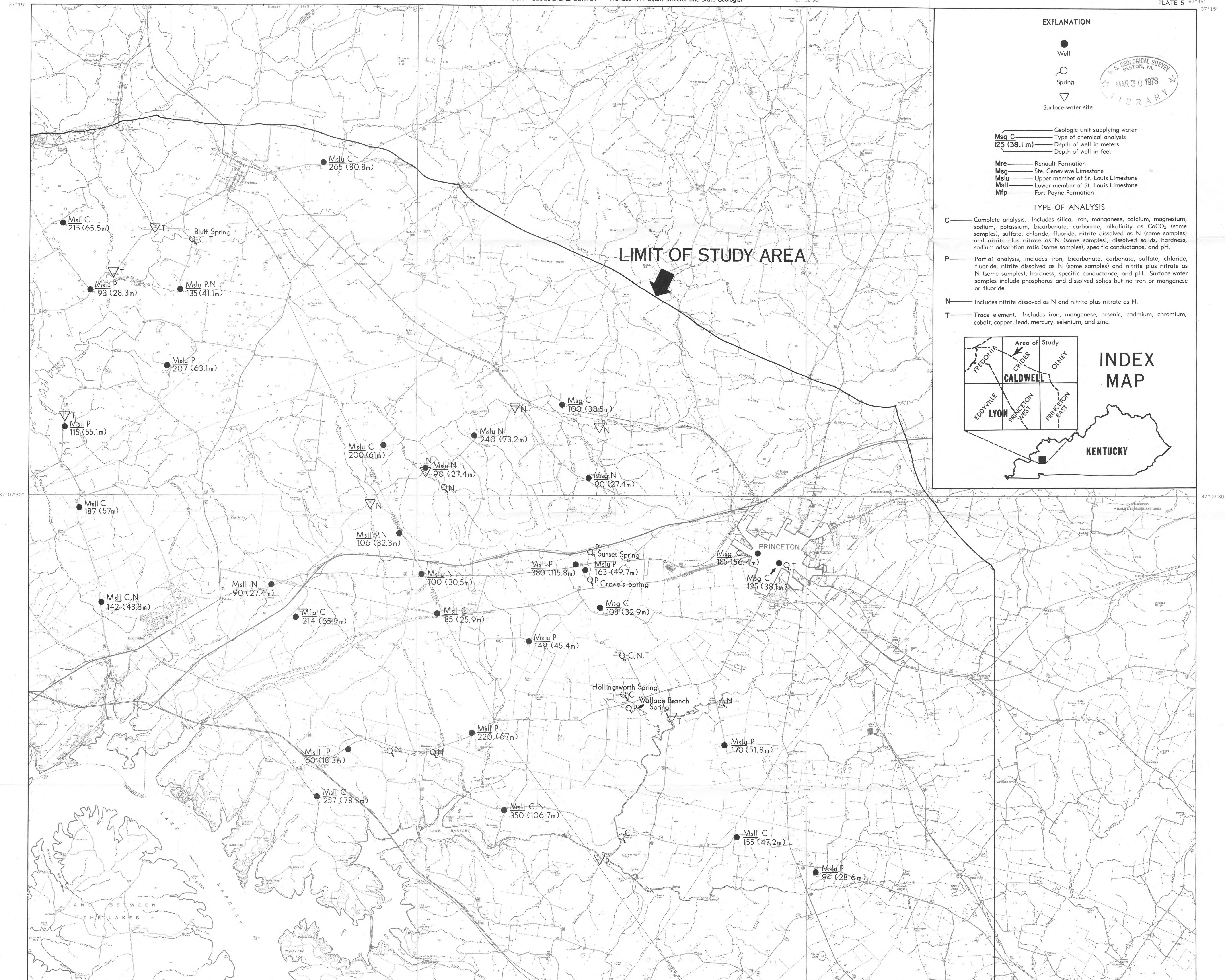


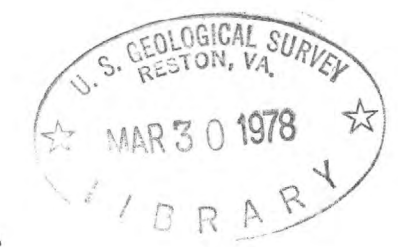
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EXPLANATION

- Well
- Spring
- ▽ Surface-water site



- Geologic unit supplying water
- Type of chemical analysis
- Depth of well in meters
- Depth of well in feet

- Mre — Renault Formation
- Msg — Ste. Genevieve Limestone
- Mslu — Upper member of St. Louis Limestone
- Msl — Lower member of St. Louis Limestone
- Mfp — Fort Payne Formation

TYPE OF ANALYSIS

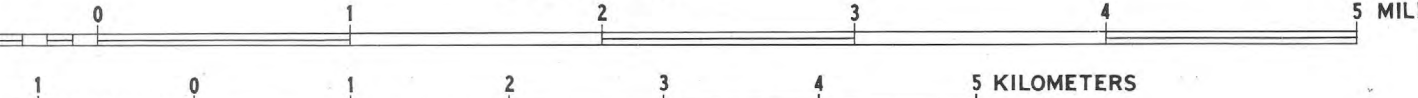
- C — Complete analysis. Includes silica, iron, manganese, calcium, magnesium, sodium, potassium, bicarbonate, carbonate, alkalinity as CaCO₃ (some samples), sulfate, chloride, fluoride, nitrite dissolved as N (some samples) and nitrite plus nitrate as N (some samples), dissolved solids, hardness, sodium adsorption ratio (some samples), specific conductance, and pH.
- P — Partial analysis, includes iron, bicarbonate, carbonate, sulfate, chloride, fluoride, nitrite dissolved as N (some samples) and nitrite plus nitrate as N (some samples), hardness, specific conductance, and pH. Surface-water samples include phosphorus and dissolved solids but no iron or manganese or fluoride.
- N — Includes nitrite dissolved as N and nitrite plus nitrate as N.
- T — Trace element. Includes iron, manganese, arsenic, cadmium, chromium, cobalt, copper, lead, mercury, selenium, and zinc.



88°07'30" 88°00' 87°52'30" 37°07'30" 37°00'

BASE SOURCE:
U.S. Geological Survey Planimetric 7.5' quadrangles, scale 1:24,000, Eddyville (1967), Princeton West (1967), Princeton East (1967), Fredonia (1954), Crider (1967), Olney (1967).
Cartography by Janet Appleby

SCALE 1:48,000



WATER-QUALITY SAMPLING SITES