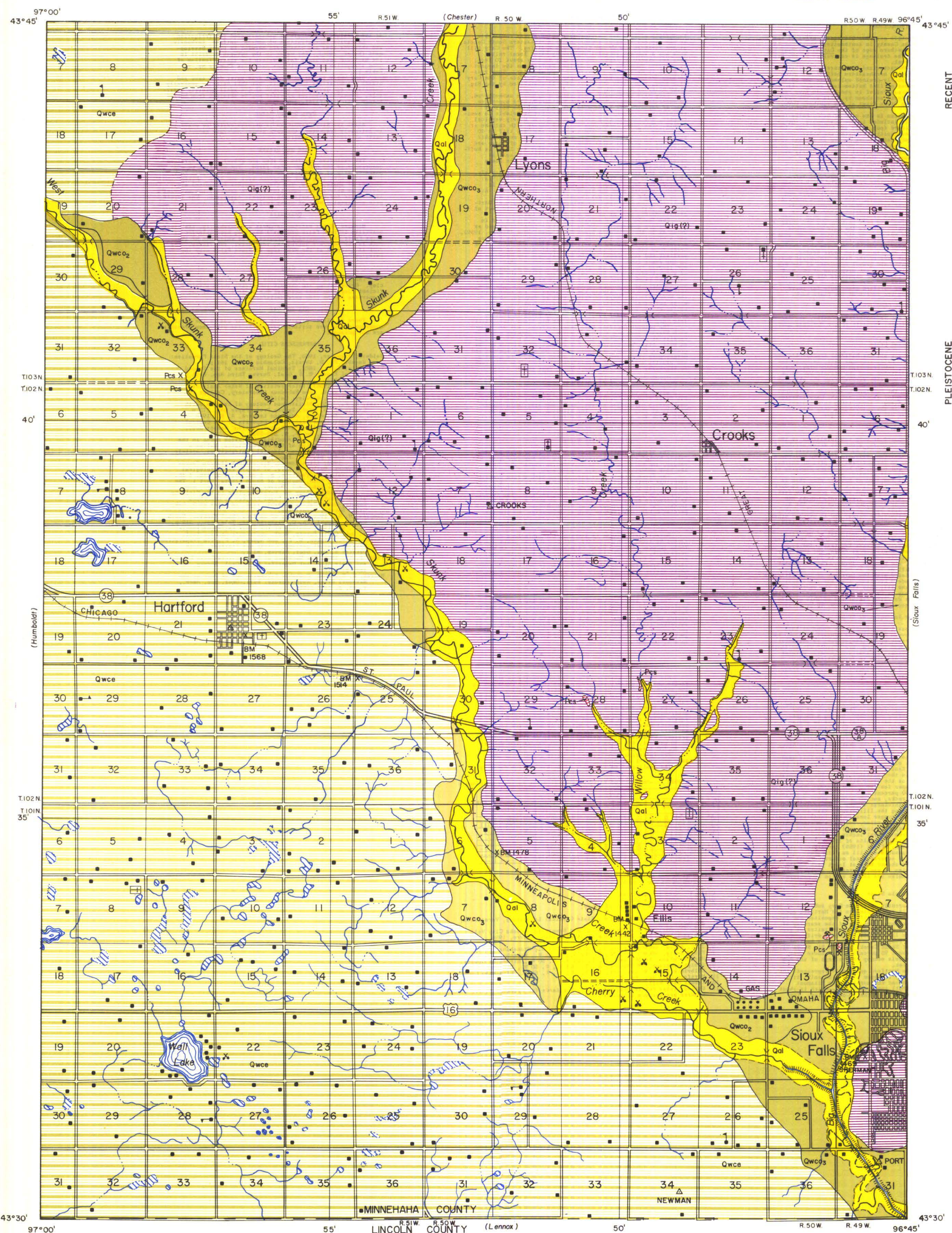


(Late Madison)

(DeWitt Rapids)



EXPLANATION

- Qal**
Alluvium
(Semistratified deposits of gravel, sand and silt; humic; brown to black; 0-20 feet thick, in stream flood plains and lake beds.)
 - Qwco₃**
(Late) Cary Valley Train Outwash
(Stratified deposits of poorly-sorted fine sand to coarse gravel; generally oxidized; level topography, 10-40 feet thick.)
 - Qwco₂**
(Middle) Cary Outwash
(Terrace remnants along Skunk Creek valley; stratified deposits of poorly-sorted sand and gravel; oxidized; level topography, 30-50 feet above Qwco₃; up to 50 feet thick.)
 - Qwce**
Cary End Moraine
(Boulder-clay till consisting of 60-70% olive-gray to olive-brown calcareous clay and silt, with rock fragments; friable; ranges up to 60 feet in exposed thickness; knob & kettle topography.)
 - Qig(?)**
Illinoian(?) Ground Moraine
(Boulder-clay till consisting of 60-70% olive-gray to olive-brown mostly calcareous clay and silt, with rock fragments, compact; generally oxidized and leached in upper part, covered with as much as 25 feet of calcareous buff loess; extremely well-dissected surface; maximum exposed thickness 30 feet.)
unconformity
 - Pcs**
Sioux Formation
(Pink to red orthoquartzite consisting wholly of silica-cemented rounded sorted quartz sand, interbedded with flaggy red to purple sericitic mudstone and coarse pebble conglomerate; well jointed, up to 100 feet exposed, dips southward about 5°)
- Contact**
(dashed where approximately located)
- Gravel Pit**
- X BM 1478**
Bench Mark
(monument showing exact altitude above sea level)
- NEWMAN**
Triangulation Station
(monument marking exact geographic location)
- House, school, and church**
- Cemetery**
- Levee**

RECENT

WISCONSIN

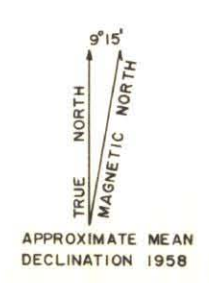
PLEISTOCENE

ILLINOIAN

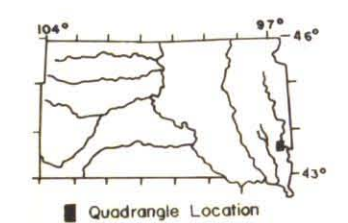
QUATERNARY

PRECAMBRIAN

Geology by Fred V. Steece 1958
Assisted by J. H. Hoff
Vertical and horizontal control surveyed from triangulation and level lines of Federal surveys
Drafted by Cecil Harris, Fred V. Steece, H. D. Wong



Vermillion, South Dakota
1959



(Canton)

