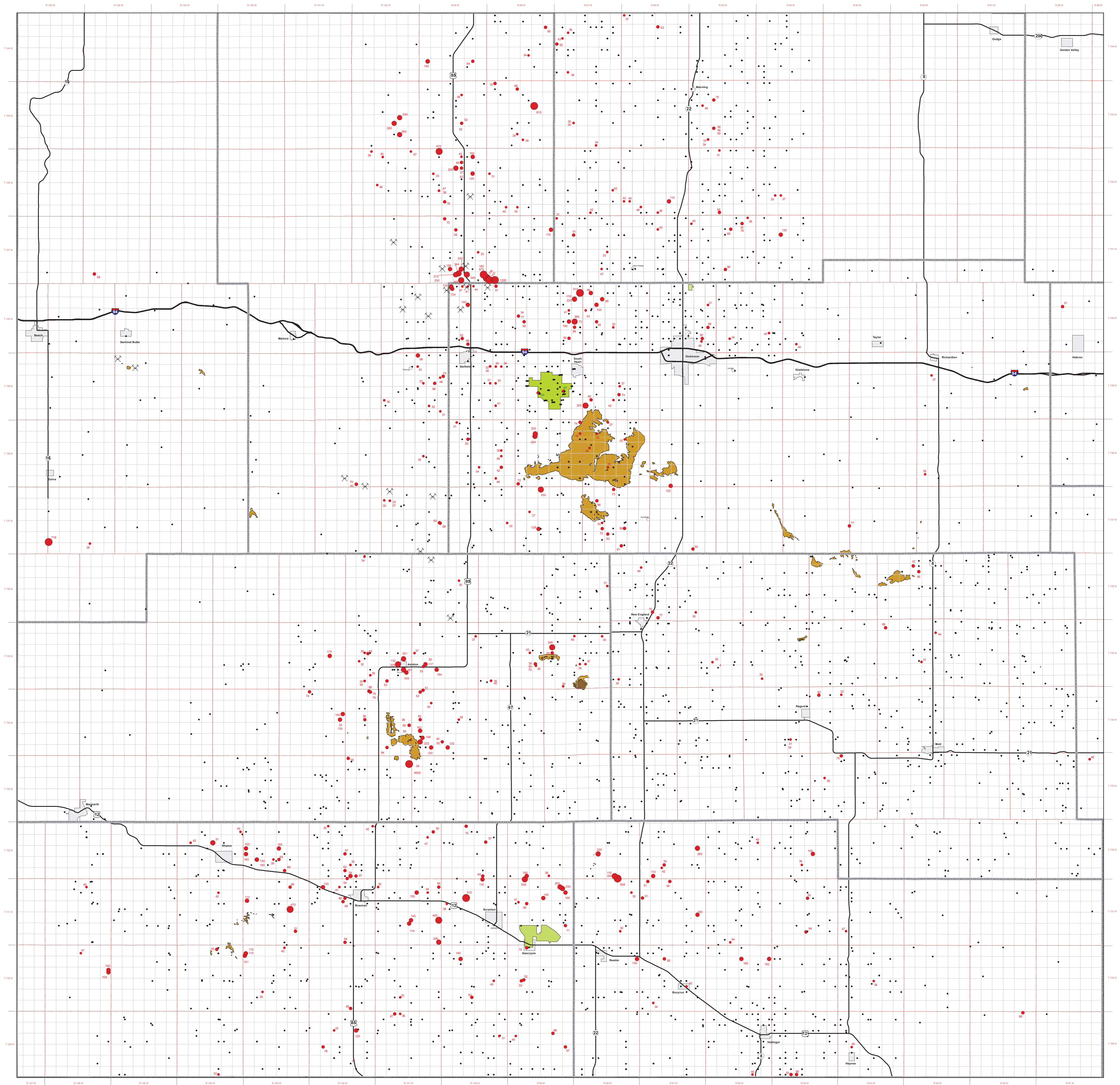




Uranium Concentrations in Groundwater Southwestern North Dakota

Edward C. Murphy
2011



URANIUM CONCENTRATIONS

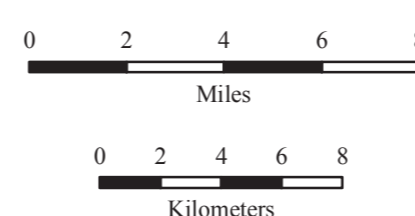
NURE and Bauer & Land (ppb) - Red Text
Great Northern Project Development (ug/l) - Blue Text

- 0 - <30
- 30 - <50
- 50 - <100
- 100 - <200
- 200 - <300
- 300 - <400
- 400 - <500
- >500

GEOLOGIC SYMBOLS

- ARIKAREE FORMATION
- WHITE RIVER GROUP
- GEOLOGY UNDIFFERENTIATED
- Approximate Location of Abandoned Uranium Mine

Scale 1:250,000



Meridian Projection 1927 North American Datum
Standard Parallel 46° 00' 00" Central Meridian 103° 00' 00"

MISC SYMBOLS

- Proposed South Heart Mine
- Gascoyne Mine (closed)
- JK Ranch Mine (closed)
- County Boundary
- Township Boundary
- Section Boundary
- City Boundary
- Town
- Interstate Highway
- US Highway
- State Highway