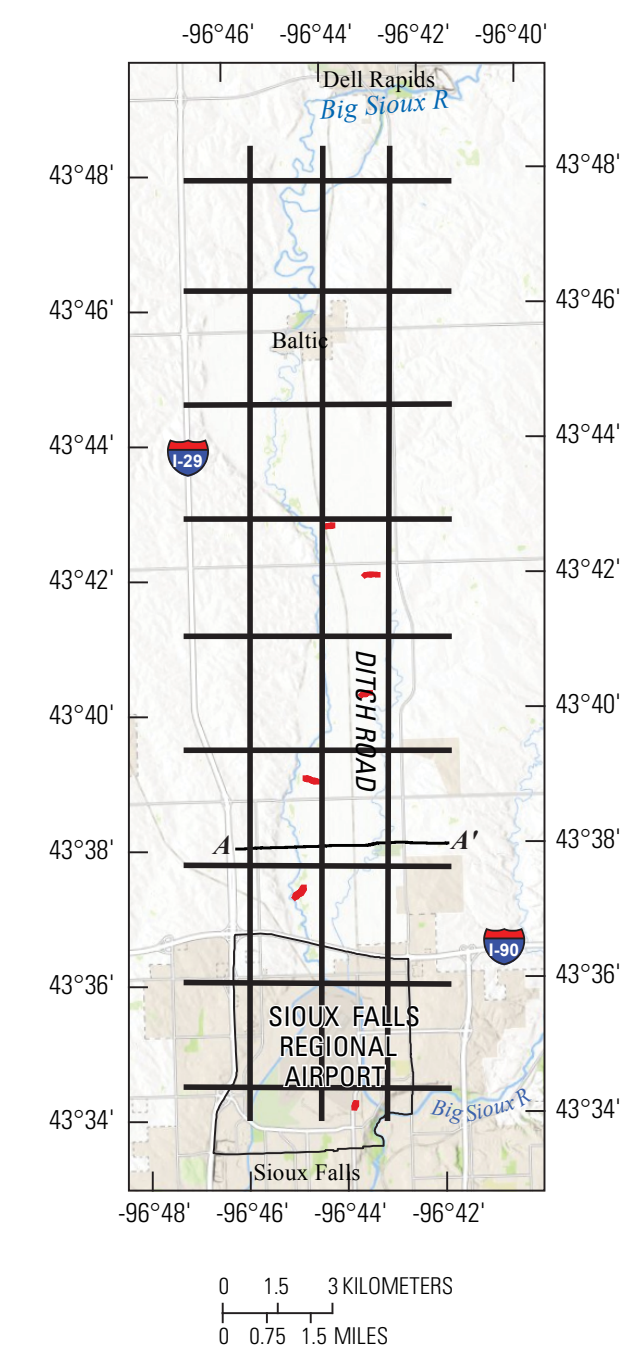


Figure 5. Three-dimensional fence diagram of the delineated hydrogeologic framework of the study area near Sioux Falls, South Dakota.



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Web Mercator Auxiliary Sphere, 1984

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## Conversion Factors

International System of Units to U.S. customary units

Multiply	By	To obtain
Length		
meter (m)	3.281	foot (ft)
kilometer (km)	0.6214	mile (mi)
Area		
square meter (m <sup>2</sup> )	10.76	square foot (ft <sup>2</sup> )
Volume		
cubic meter (m <sup>3</sup> )	35.31	cubic foot (ft <sup>3</sup> )
cubic meter (m <sup>3</sup> )	1.308	cubic yard (yd <sup>3</sup> )
cubic meter (m <sup>3</sup> )	0.0008107	acre-foot (acre-ft)

## Datum

Vertical coordinate information is referenced to the Geodetic Reference System 1980 (GRS 80). Horizontal coordinate information is referenced to the North American Datum of 1983 (NAD 83). Elevation, as used in this report, refers to distance above the vertical datum.

## Abbreviations

AEM	airborne electromagnetic
DC	direct current
USGS	U.S. Geological Survey

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# Delineation of the Hydrogeologic Framework of the Big Sioux Aquifer near Sioux Falls, South Dakota, Using Airborne Electromagnetic Data

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