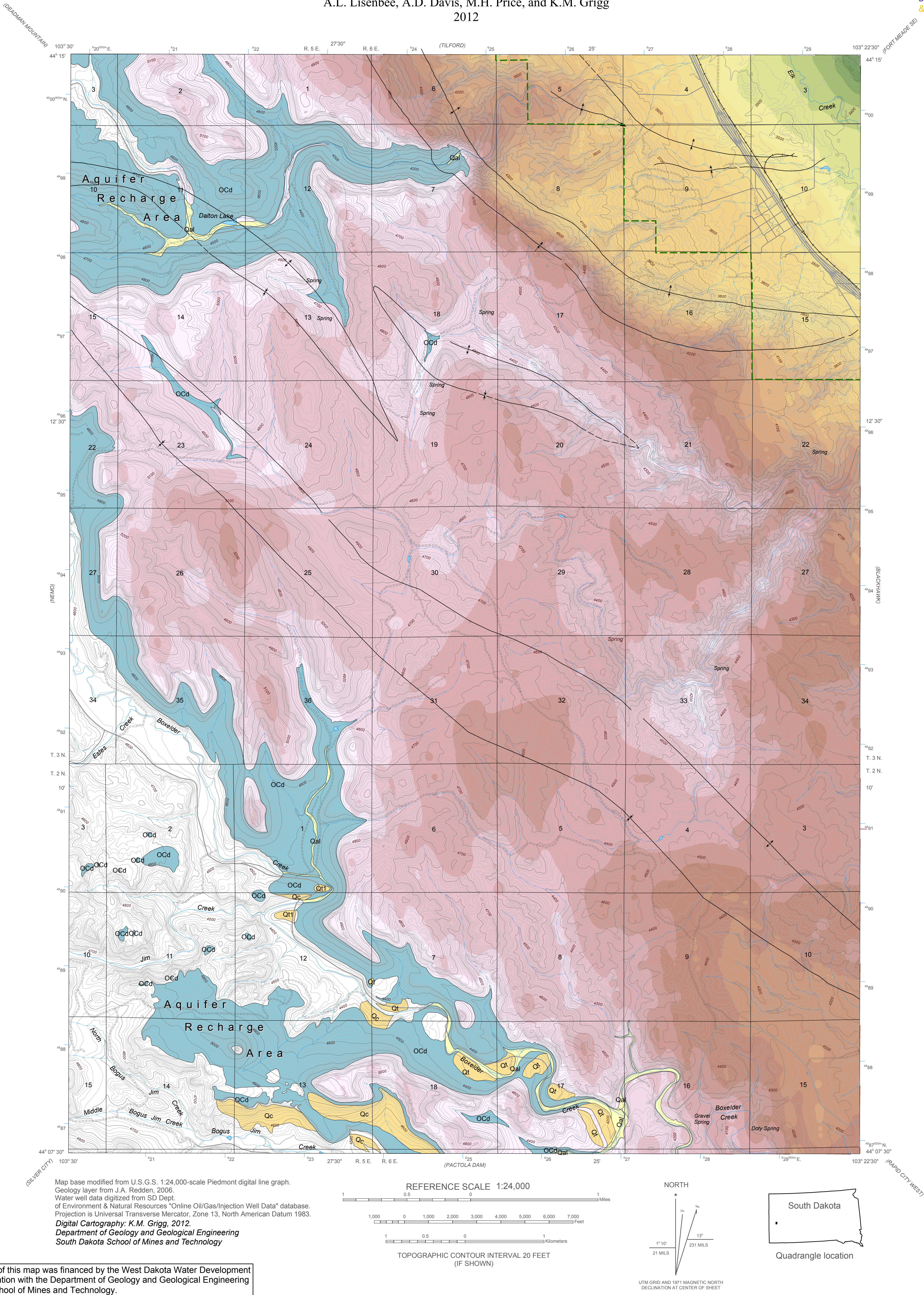


Depth to Top of Deadwood Formation, Piedmont Quadrangle

By
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Depth to Deadwood Formation In Feet below Land Surface

0 - 100	1,001 - 1,100
101 - 200	1,101 - 1,200
201 - 300	1,201 - 1,300
301 - 400	1,301 - 1,400
401 - 500	1,401 - 1,500
501 - 600	1,501 - 1,600
601 - 700	1,601 - 1,700
701 - 800	1,701 - 1,800
801 - 900	1,801 - 1,900
901 - 1,000	1,901 - 2,000

Depths are approximate; actual depths could vary by 100 feet or more.

EXPLANATION

Trail	Contact
Unimproved Road	Solid where location certain; dashed where approximately located.
Paved Road	Anticline
Highway	Showing crestline and direction of plunge. Solid where location certain; dashed where approximately located.
Interstate	Syncline
Railroad	Showing troughline and direction of plunge. Solid where location certain; dashed where approximately located.
Lake	Monocline - Anticlinal bend
Intermittent Stream	Axis located on steepest part of structure.
Perennial Stream	Monocline - Synclinal bend
Black Hills National Forest Boundary	Axis located on steepest part of structure.

Geologic Units

Quaternary	Qal	Floodplain Surficial Deposits Includes alluvium (Qal) deposits. Increased potential for infiltration of water.
	Qt	Other Surficial Deposits Includes colluvium (Qc) and terrace (Qt) deposits. Decreased potential for infiltration of water.
		Disconformity
Ordovician Cambrian	OCd	Deadwood Formation - Recharge Area Brown to brownish-red sandstone and gray shale and edgewise pebble conglomerate (with green glauconite).
		Deadwood Formation Absent