

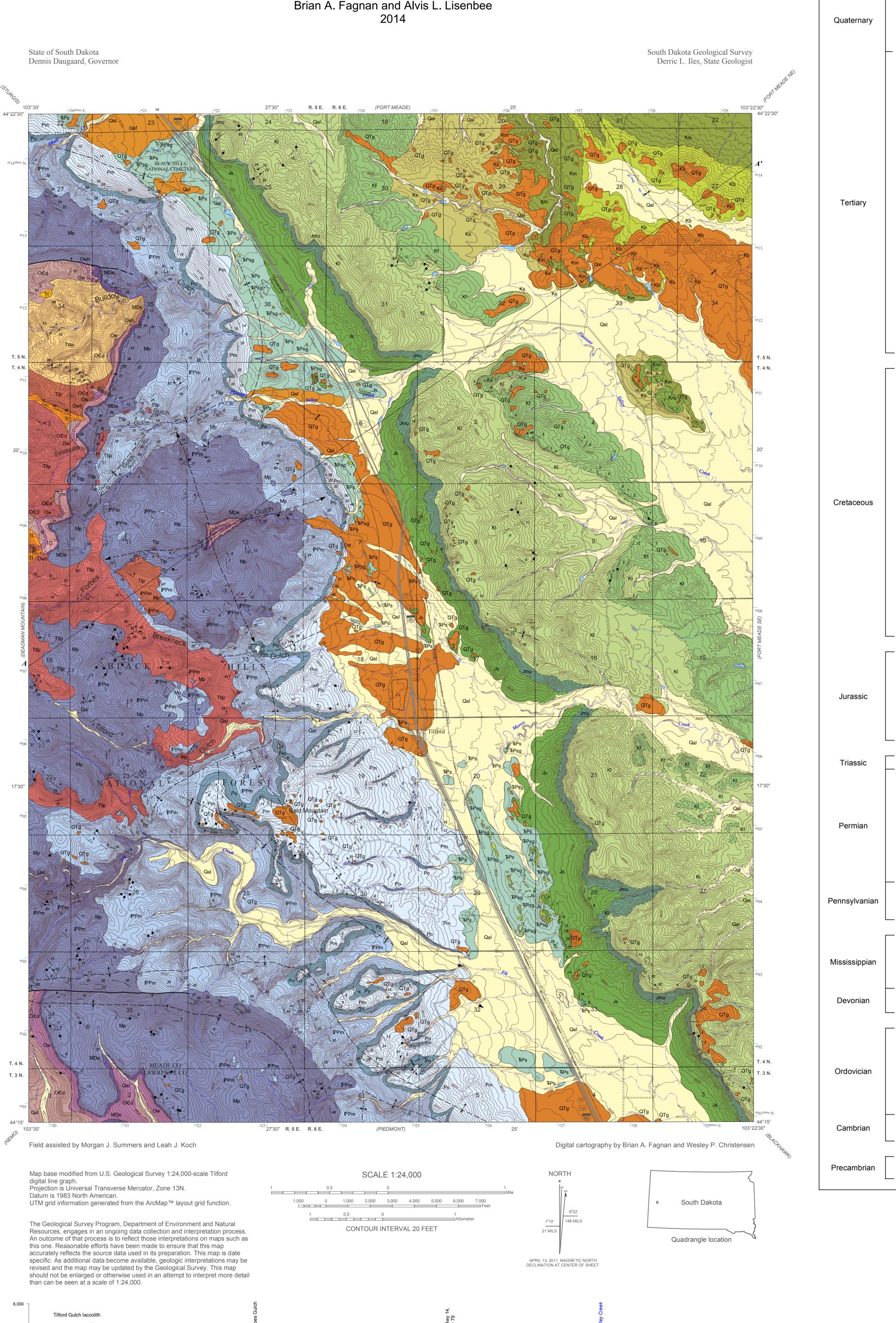
Prepared in cooperation with the South Dakota School of Mines and Technology, Rapid City, South Dakota

Department of Environment and Natural Resources Division of Financial and Technical Assistance Geological Survey Program

7.5 Minute Series Geologic Quadrangle Map 22

Geologic Map of the Tilford Quadrangle, South Dakota

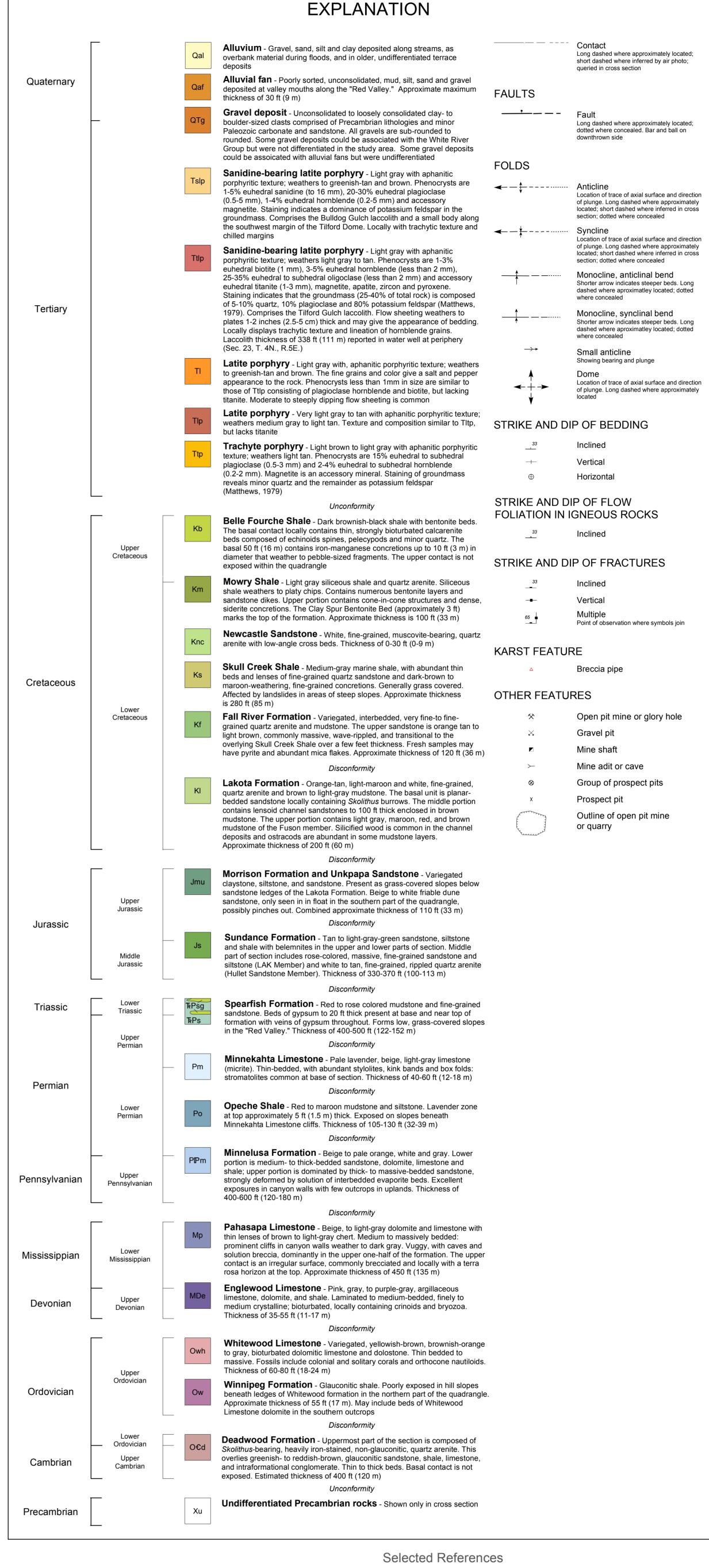
Brian A. Fagnan and Alvis L. Lisenbee



Tilford laccolithic dome

Ow + Owh + MDe

Whitewood Anticline Structure Po Pm Qal QTg Qal



Matthews III, C.B., 1979, Geology of the central Vanocker laccolith area, Meade County, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, M.S. thesis, 110 p.

Redden, J.A., 2009, Geologic map of the Piedmont quadrangle, South Dakota: South Dakota Geological Survey 7.5 minute series Geologic Quadrangle Map 10, scale 1:24,000.

Redden, J.A., and DeWitt, E., 2008, Maps showing geology, structure, and geophysics of the central Black Hills, South Dakota: U.S. Geological Survey Scientific Investigations Map 2777, scale 1:100,000.

Rockey, D.L., 1974, Geology of the eastern Vanocker laccolith area, Meade County, South Dakota: Rapid City, S. Dak., South Dakota School of Mines and Technology, M.S. thesis 44 p.

South Dakota Department of Environment and Natural Resources: Water Well Completion Reports: http://denr.sd.gov/des/wr/dblogsearch.aspx

Acknowledgements

The Geological Survey Program thanks the many land owners who allowed access to their property for the purpose of geologic mapping.