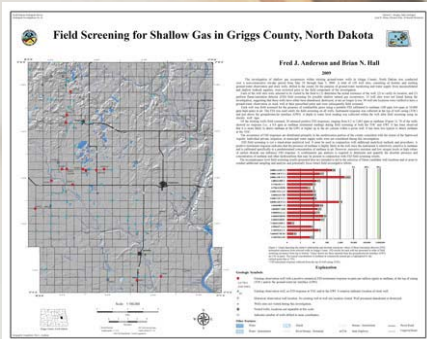


NEW PUBLICATIONS

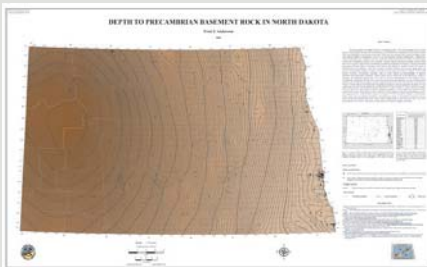
Geologic Investigations



Anderson, F.J., and Hall, B.N., 2009, Field Screening for Shallow Gas in Griggs County: North Dakota Geological Survey Geologic Investigation No. 82. GI-82 is a 1:150,000 scale map that presents and briefly describes the results of recently completed shallow gas field screening of shallow ground-water wells in Griggs County, North Dakota. The results from 90 tested wells are displayed, overlain onto a shaded-relief base map. A brief discussion, along with a graphical display of the results, is included. Price: \$10.00 paper or \$5.00 for pdf on CD.

Anderson, F.J., 2009, Potential Shallow Gas Sands & Gravels - Griggs & Steele Counties, North Dakota: North Dakota Geological Survey Geologic Investigation No. 83. Available in paper map format (\$10.00) and on CD (\$5.00).

Anderson, F.J., and Gudmundsen, C.B., 2009, Field Screening for Shallow Gas in Mercer County, North Dakota: North Dakota Geological Survey Geologic Investigation No. 84. Available in paper map format (\$10.00) and on CD (\$5.00).

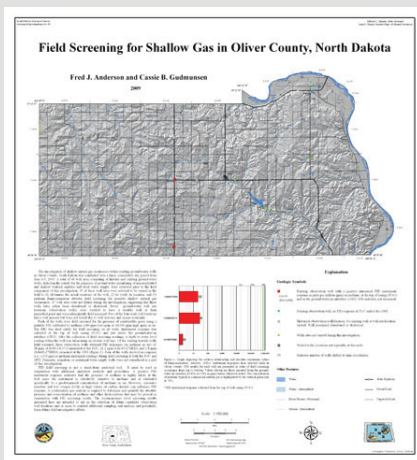


Anderson, F.J., 2009, Depth to Precambrian Basement Rock in North Dakota: North Dakota Geological Survey Geologic Investigation No. 85. GI-85 is a 1:750,000 scale depth to basement rock contour map created from over 400 oil & gas well tests and water well records with reported basement penetrations in North Dakota. Depths of Precambrian basement rock, beneath selected urban areas in the state, are featured. GI-85 is available in traditional paper map format or on CD. CD version includes GIS shape files of depth contours, well locations, depth data, and supporting metadata. Price: \$10.00 for paper map format and \$5.00 on CD.

Anderson, F.J., Hall, B.N., Gudmundsen, C.B., Ries, A.J., and Christensen, A.R., 2009, Exploration for Shallow Natural Gas in North Dakota by FID Field Screening of Ground-Water Wells: North Dakota Geological Survey Geologic Investigation No. 86. Available in poster format (\$25.00) and on CD (\$5.00).

Anderson, F.J., 2009, Methane Occurrence in Glacial Buried-Valley Aquifer Systems in North Dakota: North Dakota Geological Survey Geologic Investigation No. 87. PowerPoint presentation. Slides in pdf format also available on CD (\$5.00).

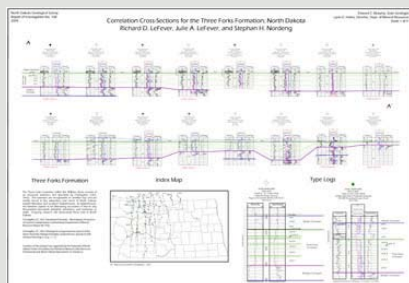
Anderson, F.J., and Hall, B.N., 2009, Field Screening for Shallow Gas in Traill County, North Dakota: North Dakota Geological Survey Geologic Investigation No. 88. Available in paper map format (\$10.00) and on CD (\$5.00).



Anderson, F.J., and Gudmundsen, C.B., 2009, Field Screening for Shallow Gas in Oliver County: North Dakota Geological Survey Geologic Investigation No. 89. GI-89 is a 1:150,000 scale map that presents and briefly describes the results of recently completed coalbed methane (CBM)/shallow gas field screening of shallow ground-water wells in Oliver County, North Dakota. The results from tested wells are displayed, overlain onto a shaded-relief base map. A brief discussion, along with a graphical display of the results is included. Price: \$10.00 paper or \$5.00 for pdf on CD.

Anderson, F.J., and Ries, A.J., 2009, Field Screening for Shallow Gas in Stark County, North Dakota: North Dakota Geological Survey Geologic Investigations No. 90. Available in paper map format (\$10.00) and on CD (\$5.00).

Reports of Investigation



LeFever, R.D., LeFever, J.A., and Nordeng, S.H., 2009, Correlation Cross-Sections for the Three Forks Formation, North Dakota: North Dakota Geological Survey Report of Investigation 108. RI-108 consists of 14 cross-sections printed on 9 plates. The cross-sections include include nine north-south sections and five east-west sections that form a rough grid that illustrates the stratigraphy of the Devonian aged Three Forks Formation in North Dakota. The sections are tied to and expand upon cross-sections compiled by Christopher (1961) in Saskatchewan. Available in paper poster format (\$150.00) for set of 9, and on CD (\$5.00).

Landslide Maps

Murphy, E.C., 2009, Areas of landslides Alexander, ND Quadrangle, ND Geological Survey 24k Map Series no. Alxr-I.

Murphy, E.C., 2009, Areas of landslides Arnegard, ND Quadrangle: ND Geological Survey 24k Map Series no. Arnd-I.

Murphy, E.C., 2009, Areas of landslides Bear Butte, ND Quadrangle: ND Geological Survey 24k Map Series no. BarB-I.

Murphy, E.C., 2009, Areas of landslides Buford, ND Quadrangle: ND Geological Survey 24k Map Series no. Bfrd-I.

Murphy, E.C., 2009, Areas of landslides Burning Mine Butte, ND Quadrangle: ND Geological Survey 24k Map Series no. BrMB-I.

Murphy, E.C., 2009, Areas of landslides Camp Creek East, ND Quadrangle: ND Geological Survey 24k Map Series no. CmpC E-I.

Murphy, E.C., 2009, Areas of landslides Camp Creek West, ND Quadrangle: ND Geological Survey 24k Map Series no. CmpC W-I.

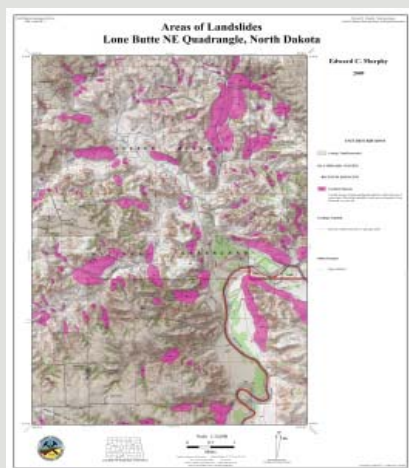
Murphy, E.C., 2009, Areas of landslides Cartwright, ND Quadrangle: ND Geological Survey 24k Map Series no. Crwt-I.

Murphy, E.C., 2009, Areas of landslides Cartwright NE, ND Quadrangle: ND Geological Survey 24k Map Series no. Crwt NE-I.

Murphy, E.C., 2009, Areas of landslides Charbonneau, ND Quadrangle: ND Geological Survey 24k Map Series no. Chbn-I.

Murphy, E.C., 2009, Areas of landslides Demicks Lake, ND Quadrangle: ND Geological Survey 24k Map Series no. DmkL-I.

Murphy, E.C., 2009, Areas of landslides Horse Creek School, ND Quadrangle: ND Geological Survey 24k Map Series no. HrCS-I.



Murphy, E.C., 2009, Areas of landslides Lone Butte NE, ND Quadrangle: ND Geological Survey 24k Map Series no. LonB NE-I. A total of 209 landslides were mapped in this quadrangle. These landslides occupy an area of 3,423 acres (13,854,059 square meters) or approximately 10% of the Lone Butte NE Quadrangle. The largest landslide or landslide complex mapped in this quadrangle was 397 acres (1,600,000 square meters) and the smallest was 0.2 acres (760 square meters). Landslides were mapped from 1:20,000 scale aerial photographs.

Outside Publications

Anderson, F.J., 2009, Methane Occurrence in Glacial Buried-Valley Aquifer Systems in North Dakota, Geological Society of America 2009 Annual Meeting & Exposition, Abstracts with Programs, Vol. 41, No. 7, p. 214.

Anderson, F.J., Hall, B.N., Gudmunson, C.B., Ries, A.J., and Christensen, A.R., 2009, Exploration for Shallow Natural Gas in North Dakota by FID Field Screening of Ground-Water Wells, Geological Society of America 2009 Annual Meeting & Exposition, Abstracts with Programs, Vol. 41, No. 7, p. 332.

Hoganson, J.W., 2009, First report and biogeographic significance of an extremely large gladius of *Tusoteuthis longa* Logan (Coleoidea, Teuthida) from the Pembina Member of the Pierre Formation (Campanian) in North Dakota, Geological Society of America Abstracts with Programs, Vol. 41, No. 7, p. 106.

Hoganson, J.W., 2009, Stratigraphy and paleontology of the Cretaceous (Campanian) Pierre Formation in eastern North Dakota, Proceeding volume and field trip manual 2nd Manitoba paleontology symposium, Bamburak, J. and Hatcher, J. eds., xiii-xiv.