Appendix A – Water-Level Hydrographs

Figure A-1. -- Locations of data points associated with the Appendix A hydrographs. [This map also shows the November 2010 water-level contours.]

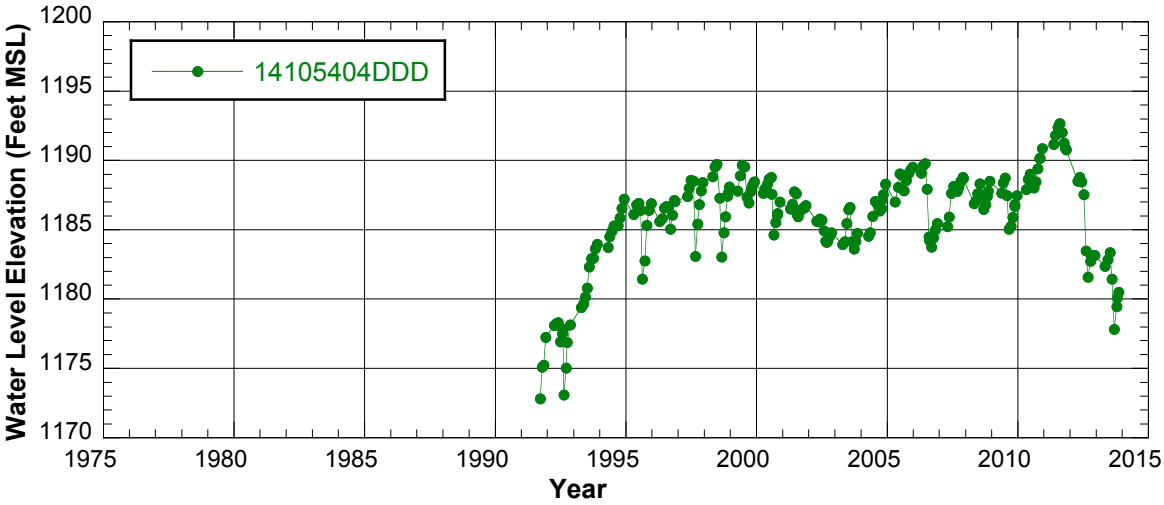

Figure A-2. -- Hydrograph of observation well 14105404DDD.

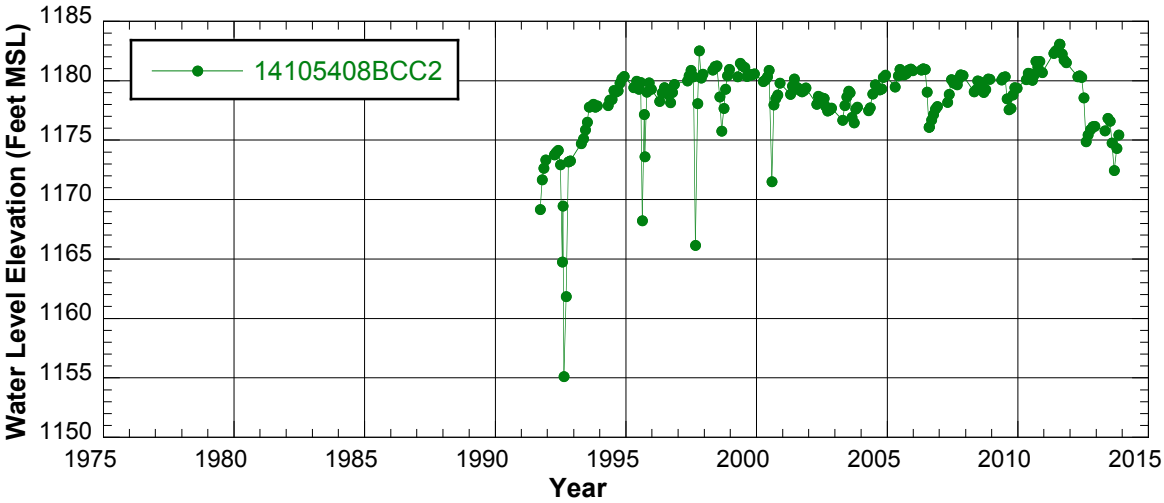

Figure A-3. -- Hydrograph of observation well 14105408BCC2.

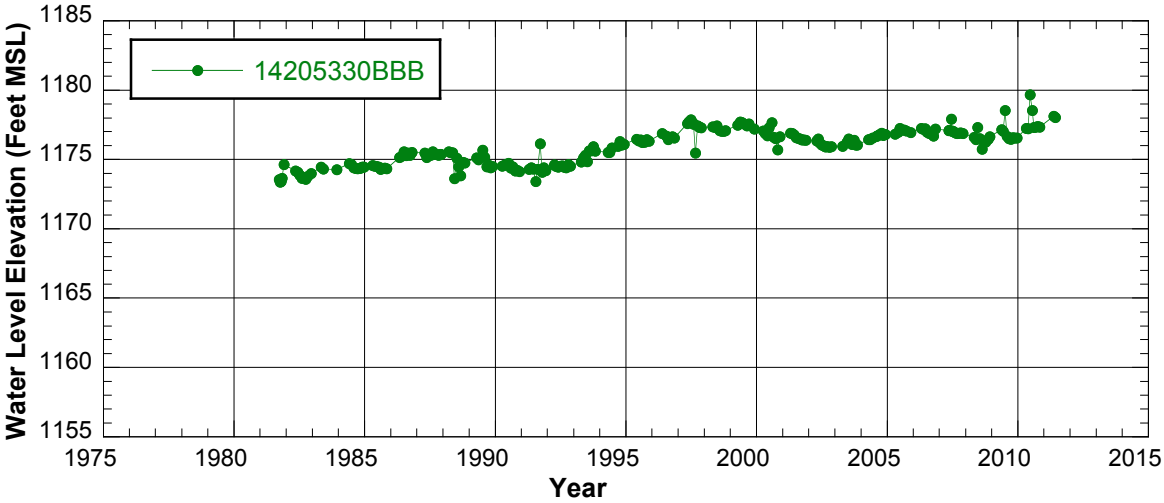

Figure A-4. -- Hydrograph of observation well 14205330BBB.

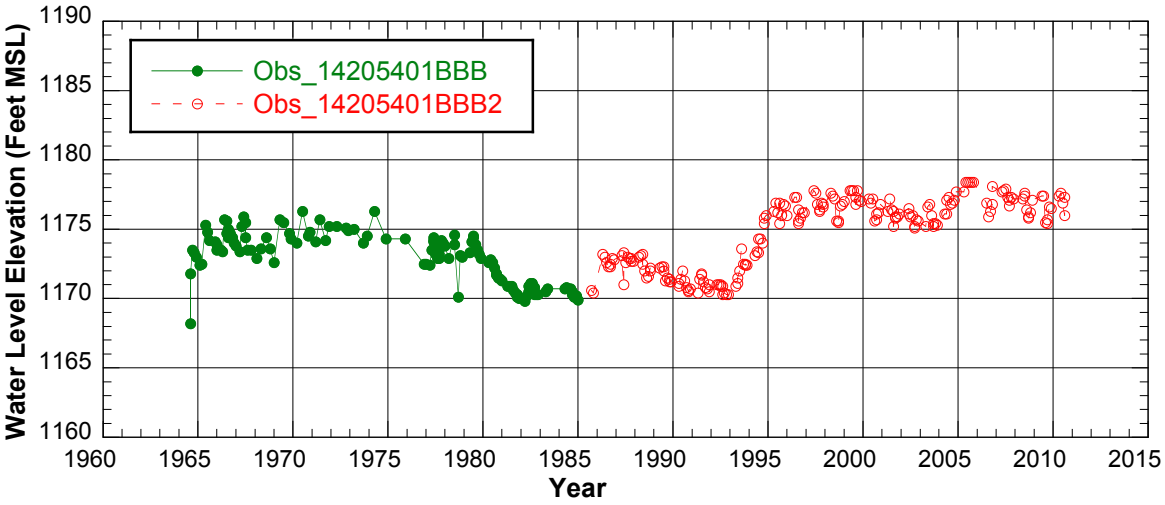

Figure A-5. -- Hydrograph of observation wells 14205401BBB1 & 2.

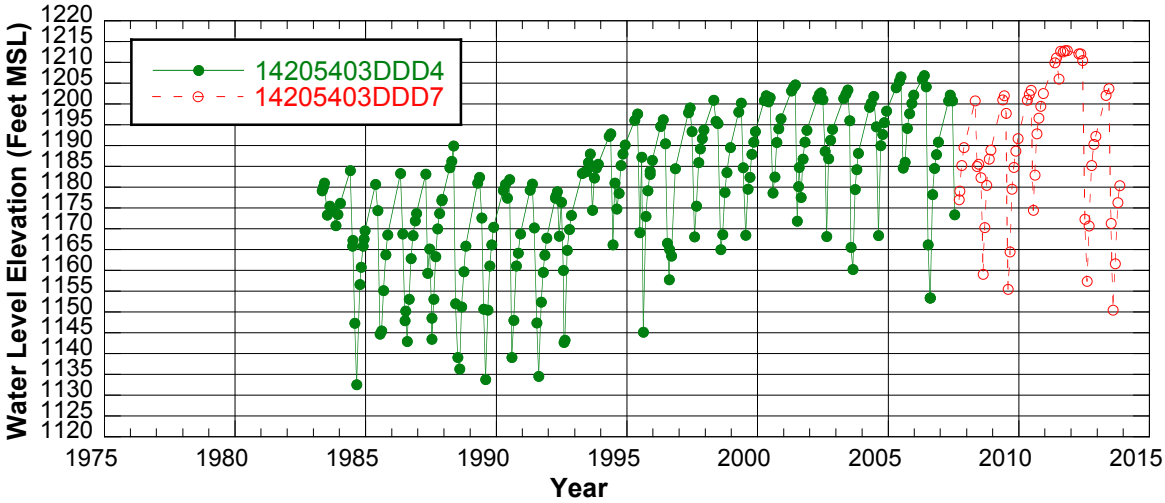

Figure A-6. -- Hydrograph of observation wells 14205403DDD4 & 7.

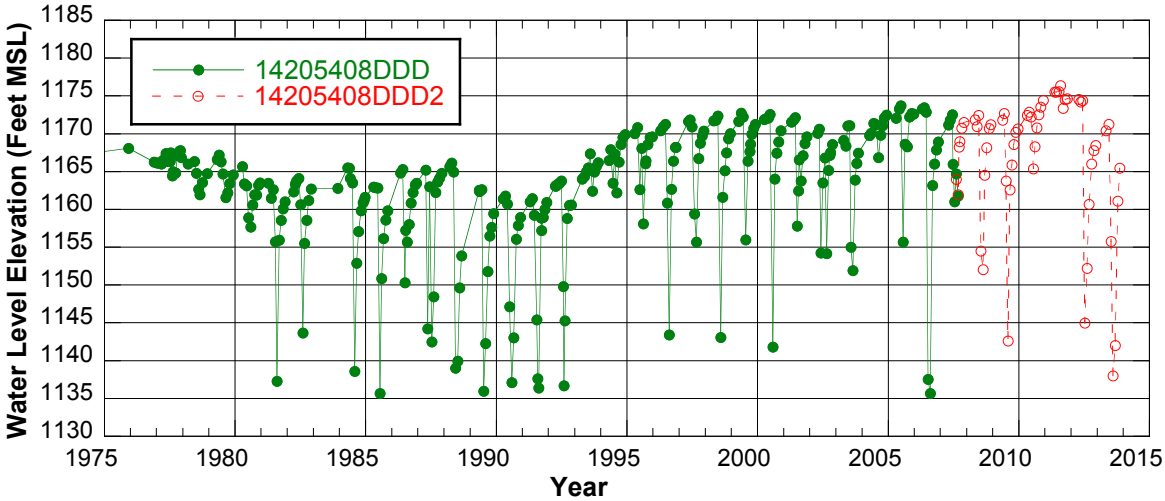

Figure A-7. -- Hydrograph of observation wells 14205408DDD1 & 2.

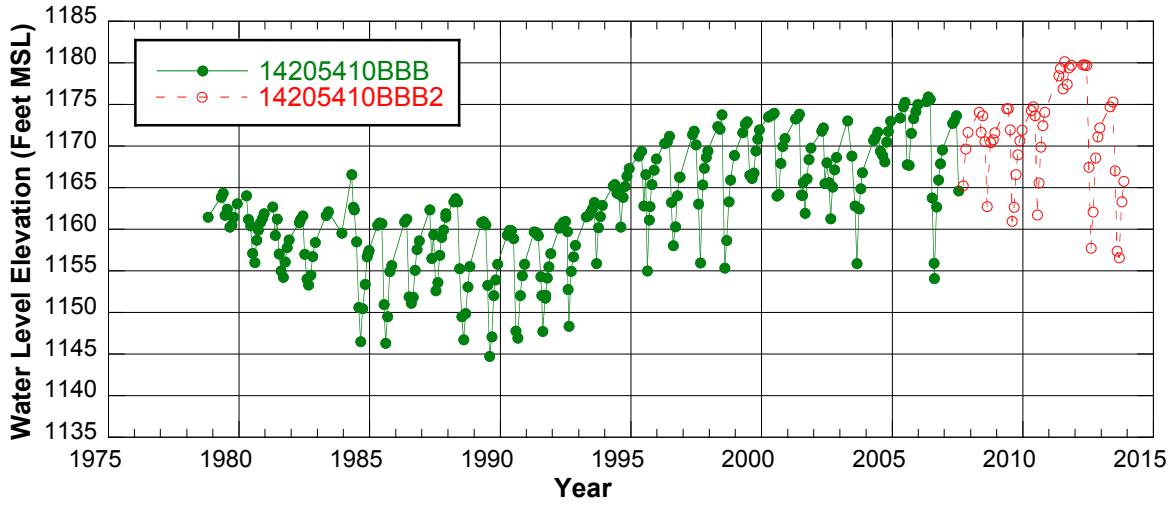

Figure A-8. -- Hydrograph of observation wells 14205410BBB1 & 2.

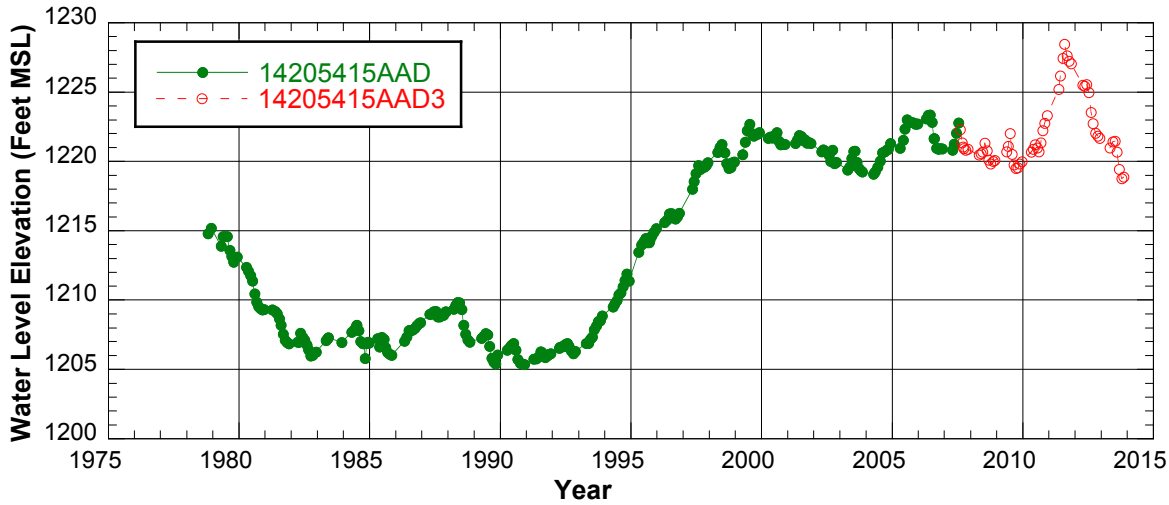

Figure A-9. -- Hydrograph of observation wells 14205415AAD1 & 3.

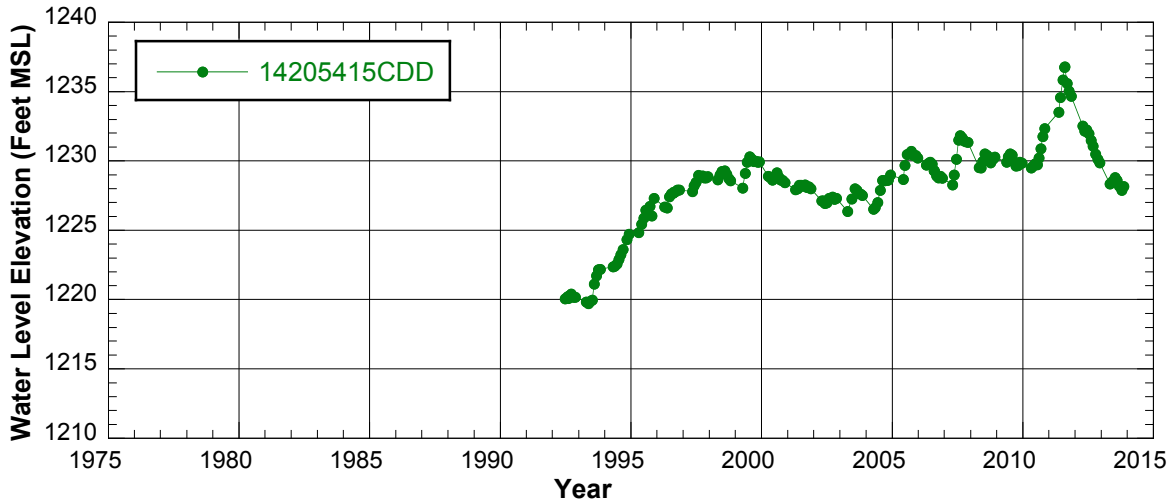

Figure A-10. -- Hydrograph of observation well 14205415CDD.

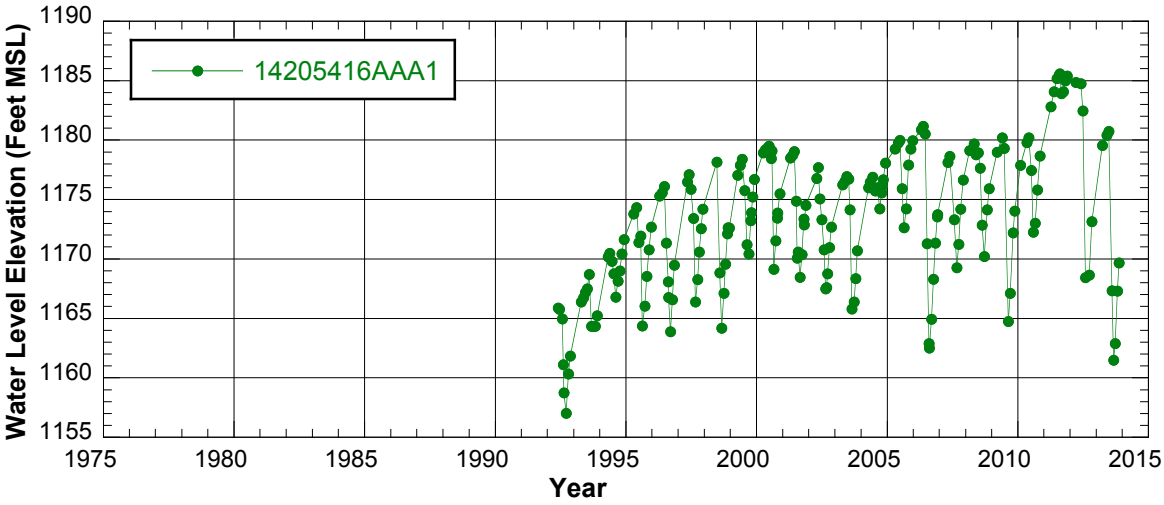

Figure A-11. -- Hydrograph of observation well 14205416AAA1.

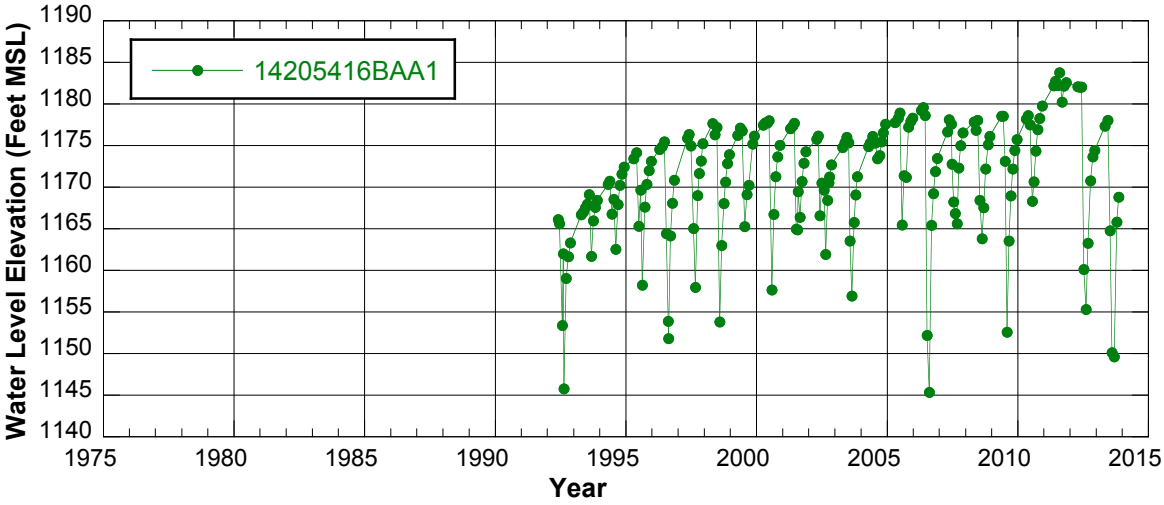

Figure A-12. -- Hydrograph of observation well 14205416BAA1.

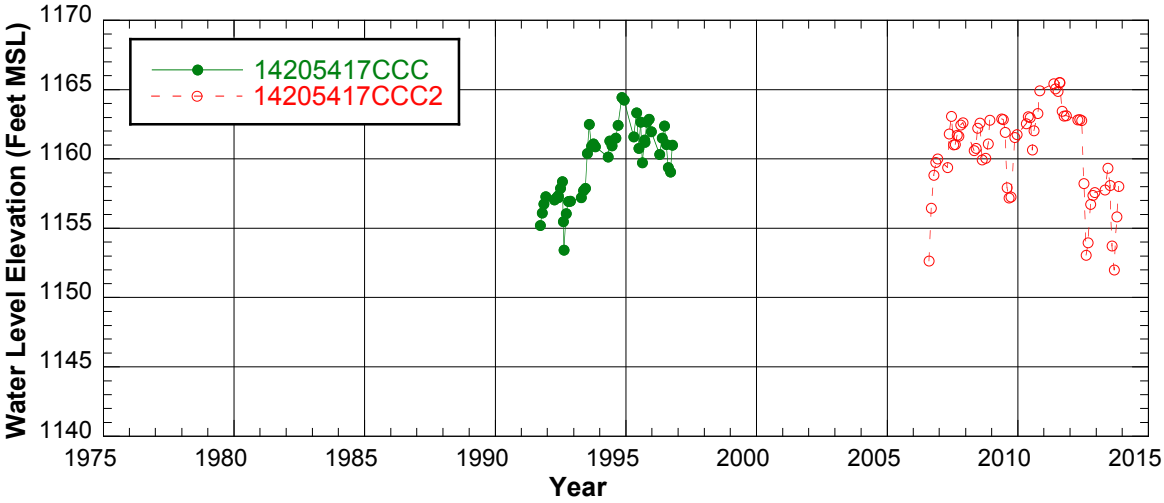

Figure A-13. -- Hydrograph of observation wells 14205417CCC1 & 2.

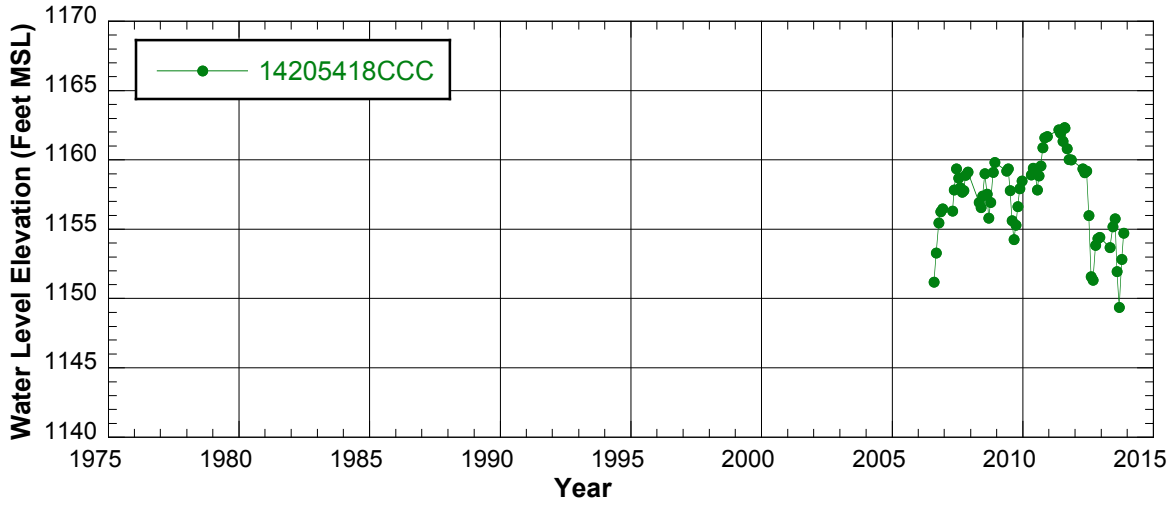

Figure A-14. -- Hydrograph of observation well 14205418CCC.

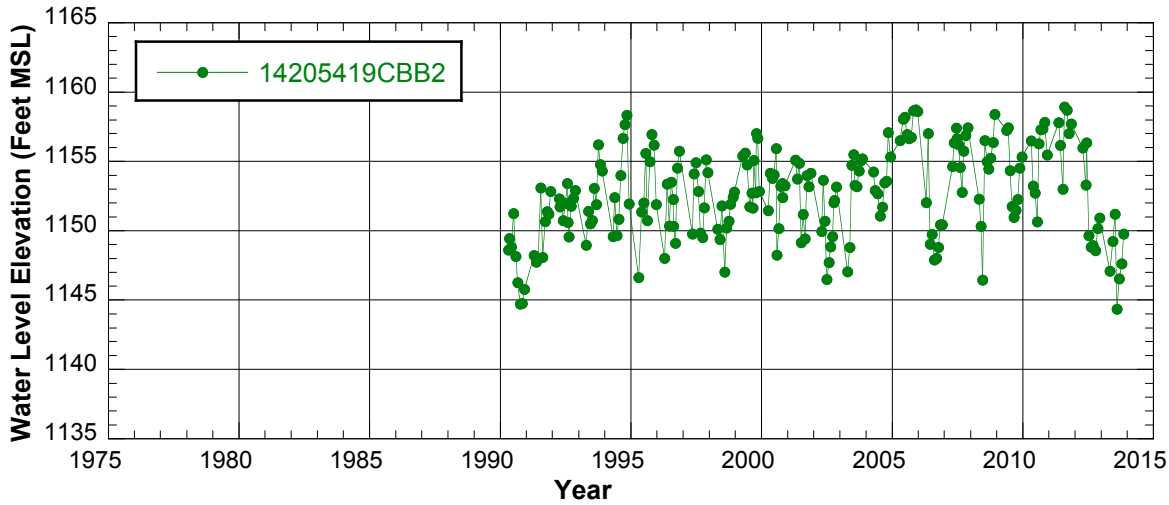

Figure A-15. -- Hydrograph of observation well 14205419CBB2.

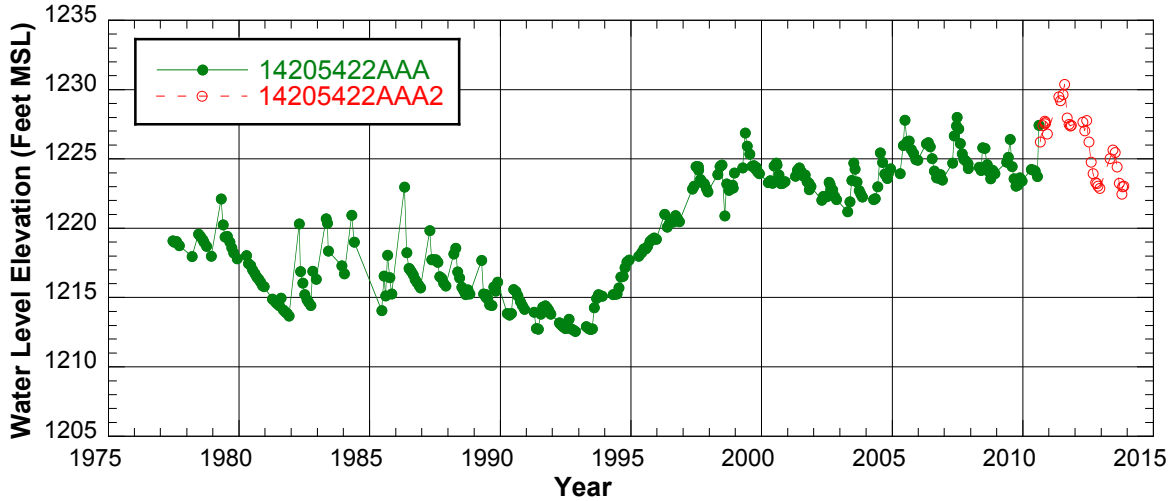

Figure A-16. -- Hydrograph of observation wells 14205422AAA1 & 2.

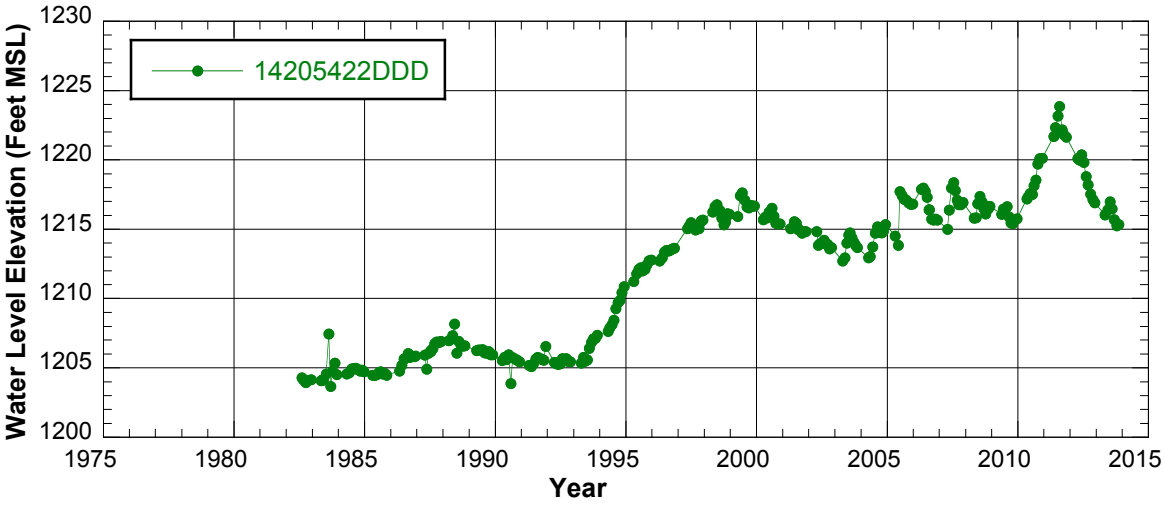

Figure A-17. -- Hydrograph of observation well 14205422DDD.

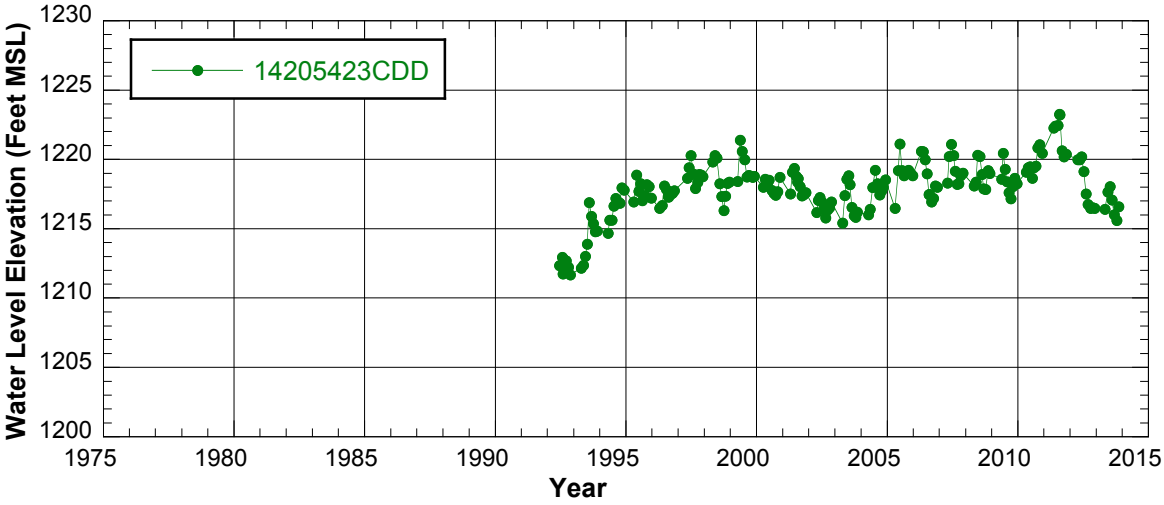

Figure A-18. -- Hydrograph of observation well 14205423CDD.

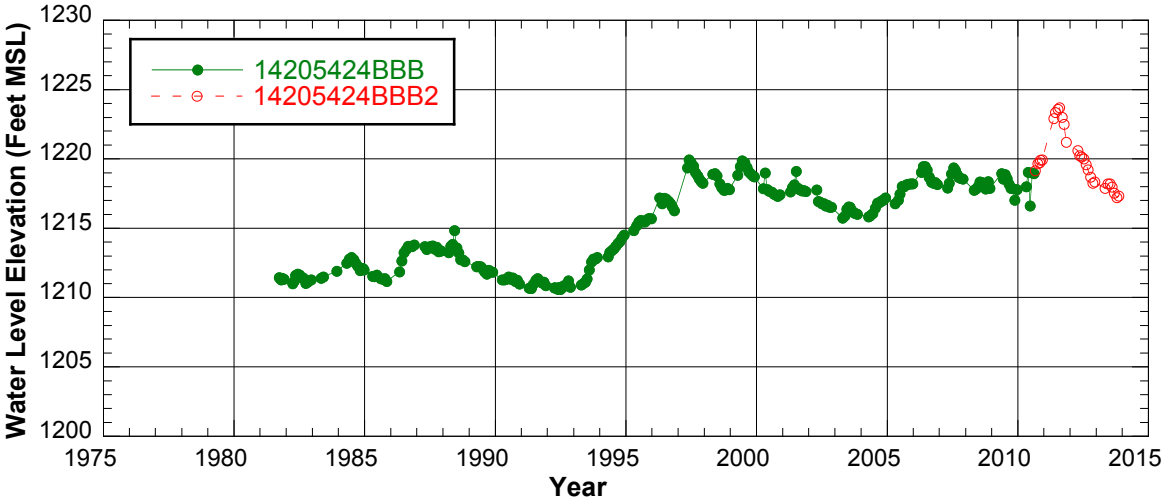

Figure A-19. -- Hydrograph of observation wells 14205424BBB1 & 2.

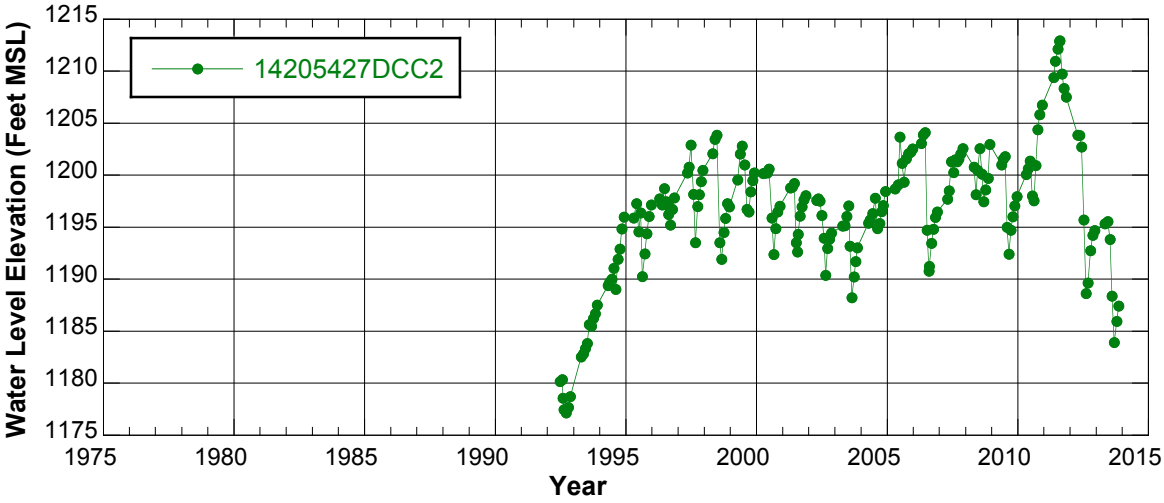

Figure A-20. -- Hydrograph of observation well 14205427DCC2.

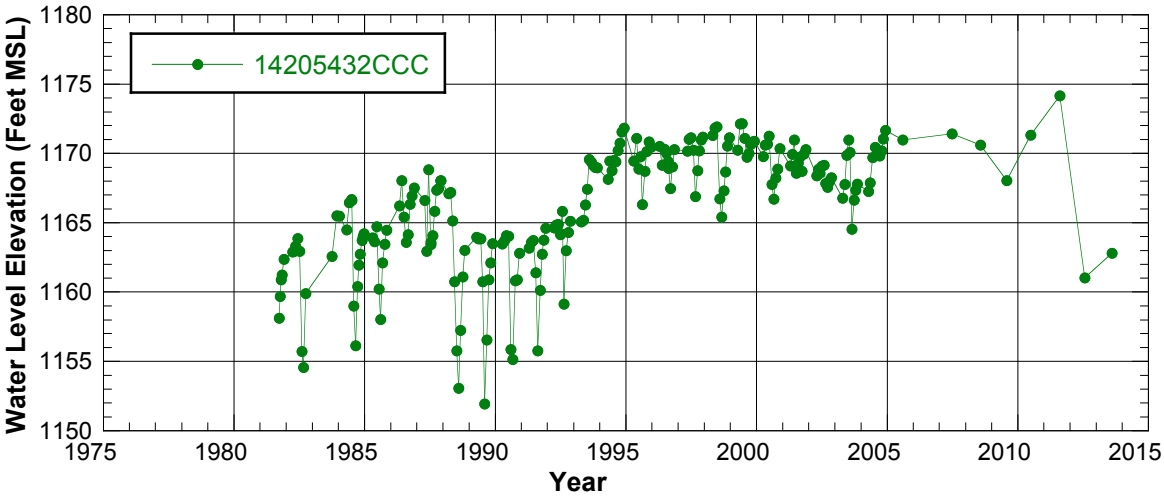

Figure A-21. -- Hydrograph of observation well 14205432CCC.

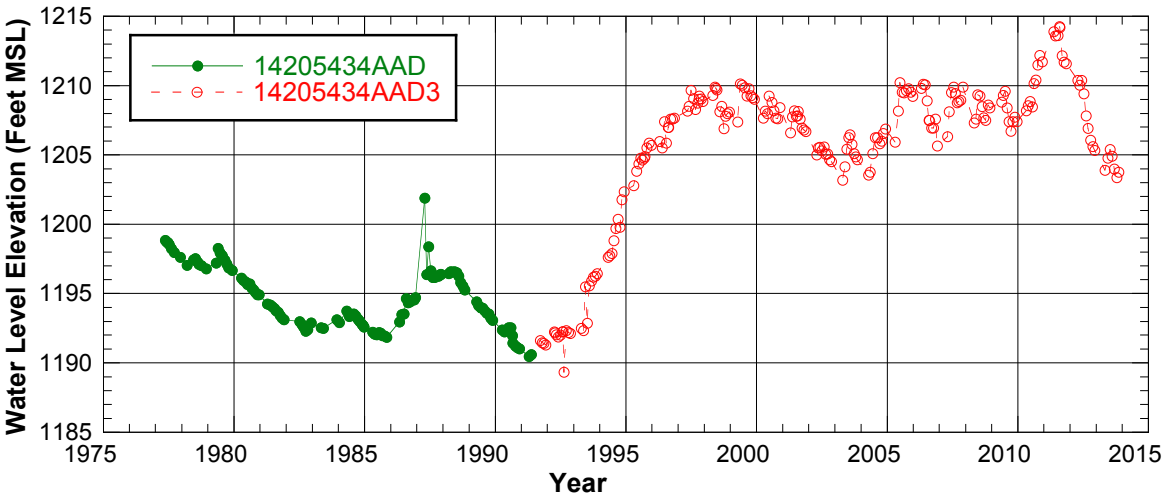

Figure A-22. -- Hydrograph of observation wells 14205434AAD1 & 3.

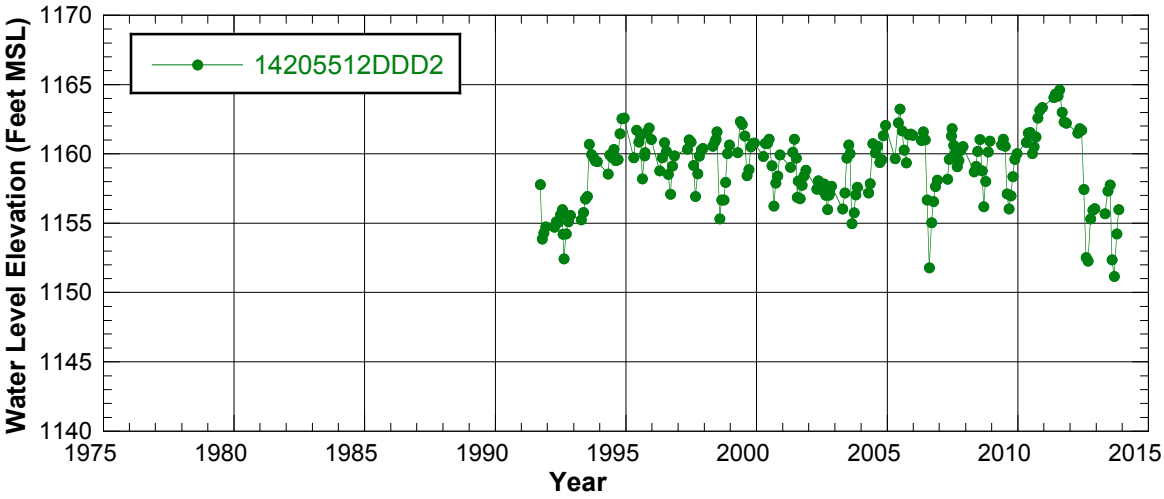

Figure A-23. -- Hydrograph of observation well 14205512DDD2.

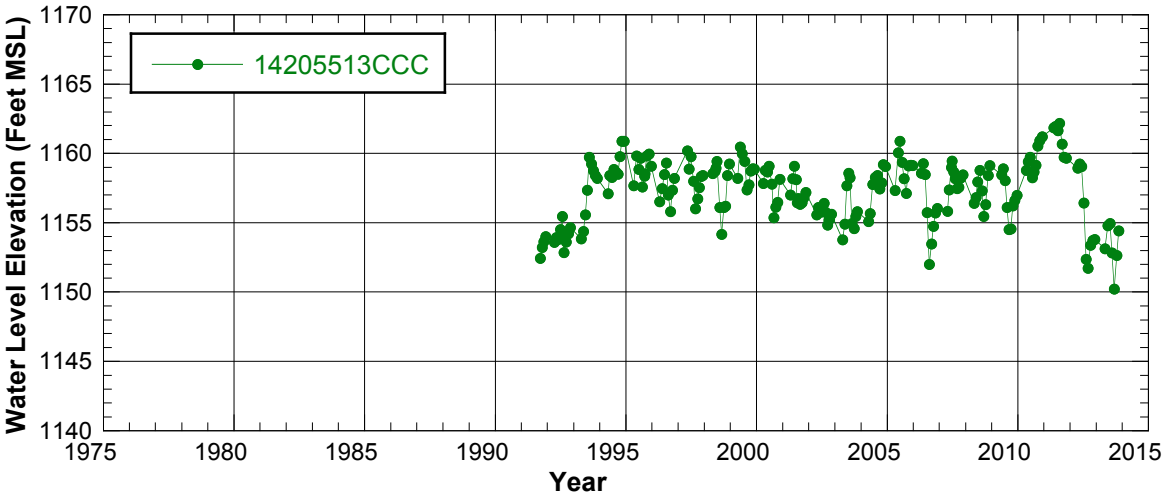

Figure A-24. -- Hydrograph of observation well 14205513CCC.

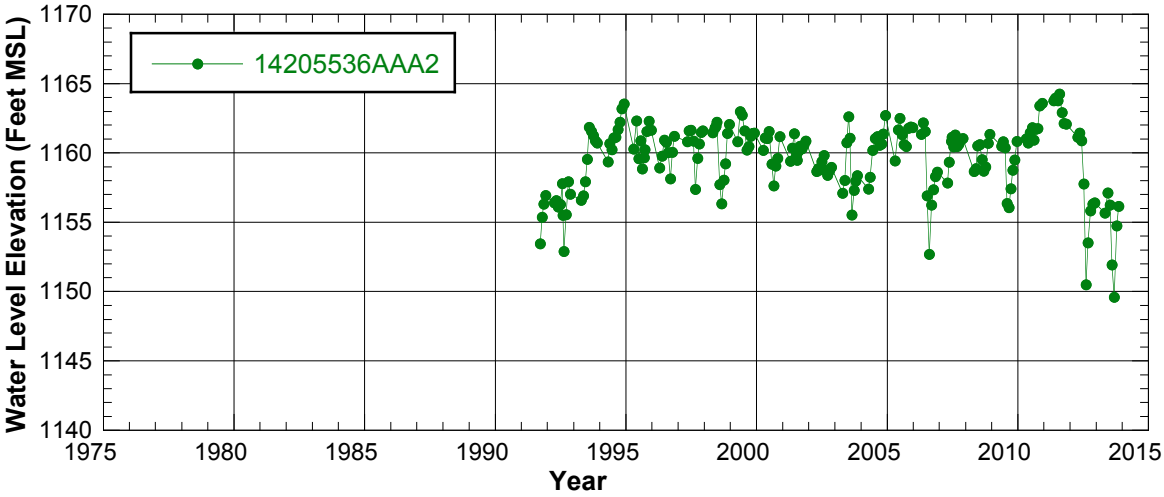

Figure A-25. -- Hydrograph of observation well 14205536AAA2.

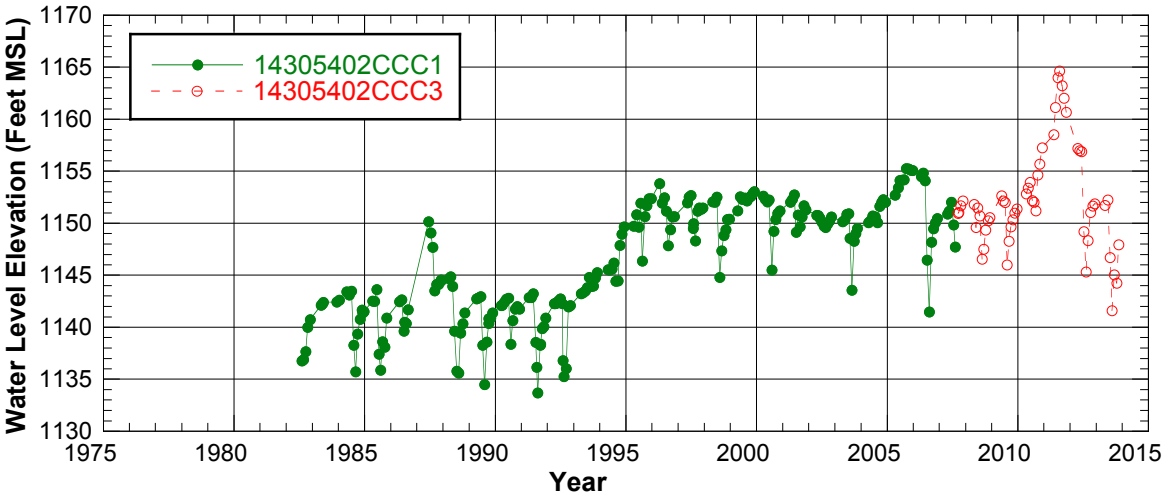

Figure A-26. -- Hydrograph of observation wells 143054002CCC1 & 3.

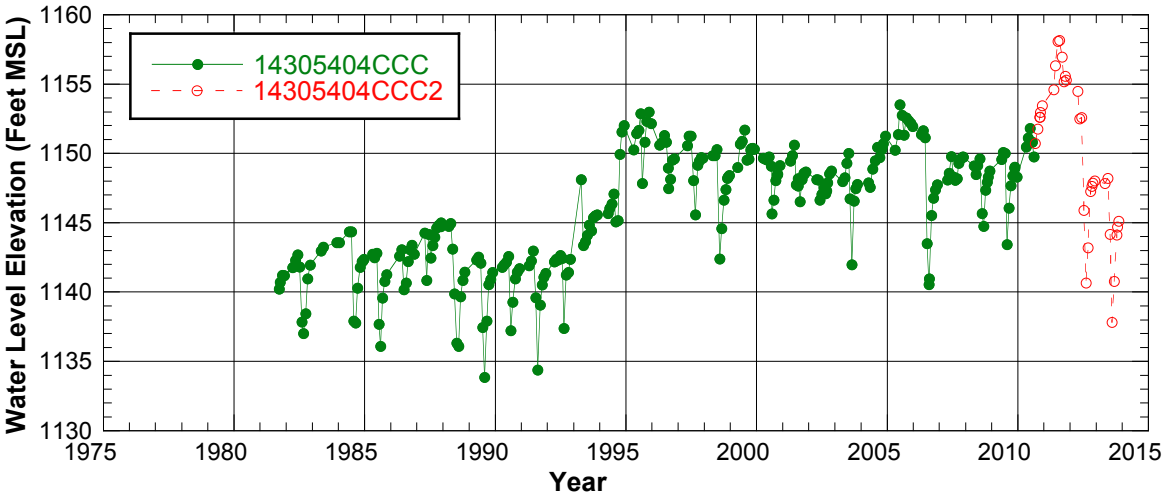

Figure A-27. -- Hydrograph of observation wells 14305404CCC1 & 2.

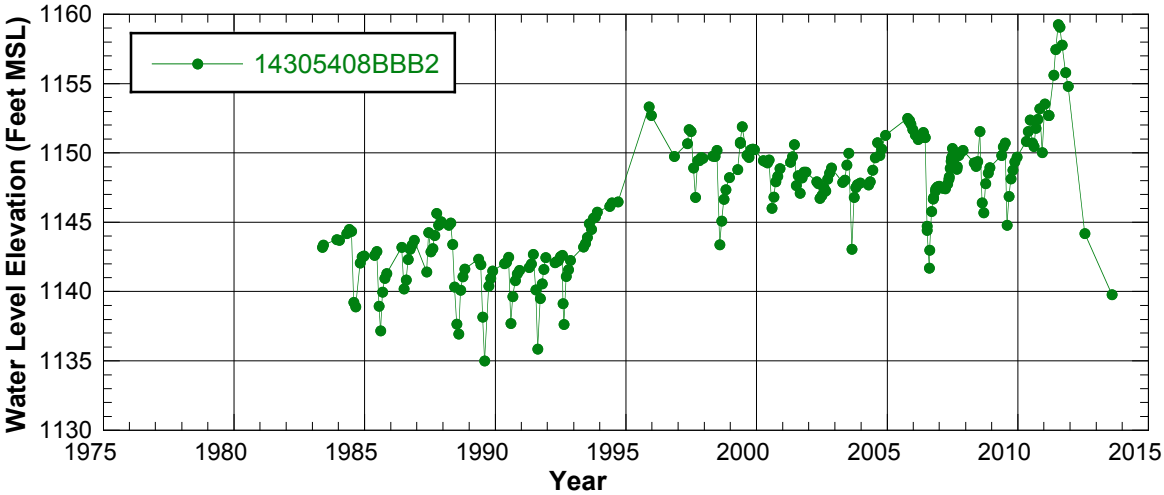

Figure A-28. -- Hydrograph of observation well 14305408BBB2.

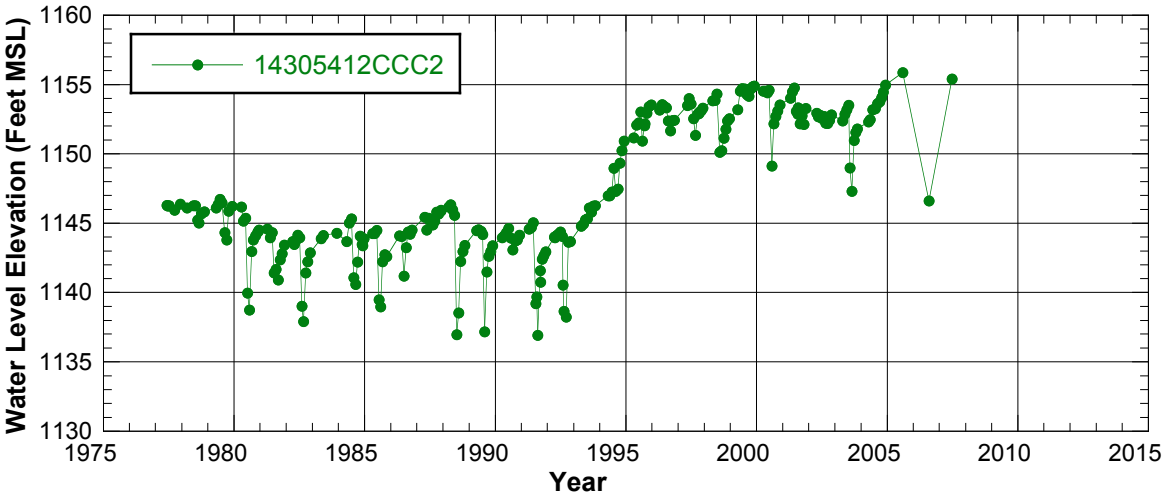

Figure A-29. -- Hydrograph of observation well 14305412CCC2.

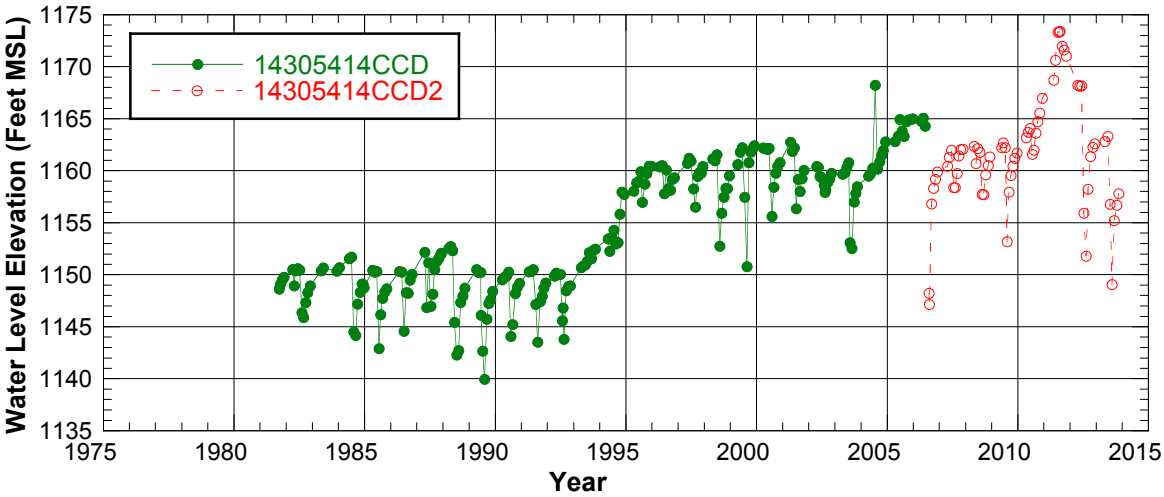

Figure A-30. -- Hydrograph of observation wells 14305414CCD1 & 2.

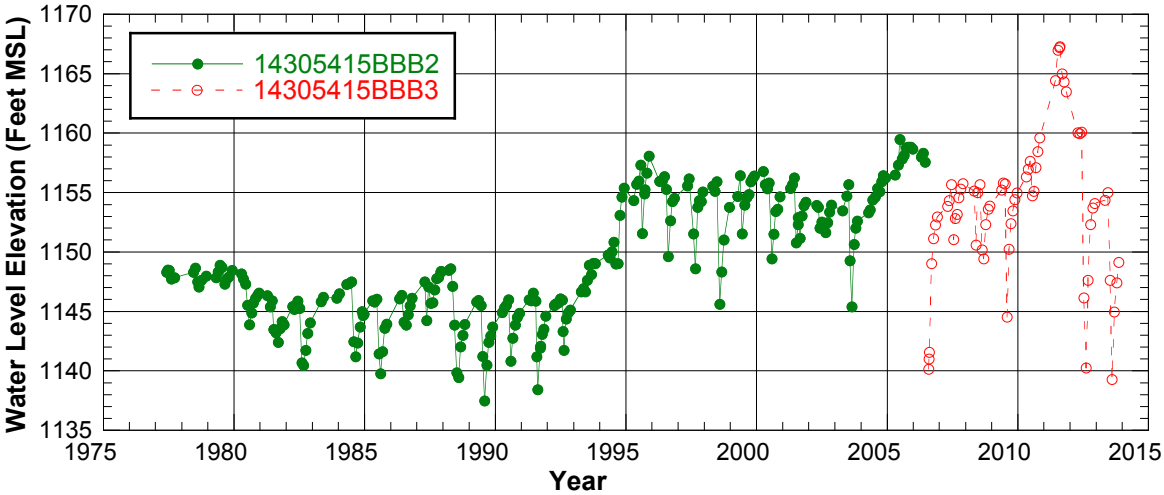

Figure A-31. -- Hydrograph of observation wells 14305415BBB2 & 3.

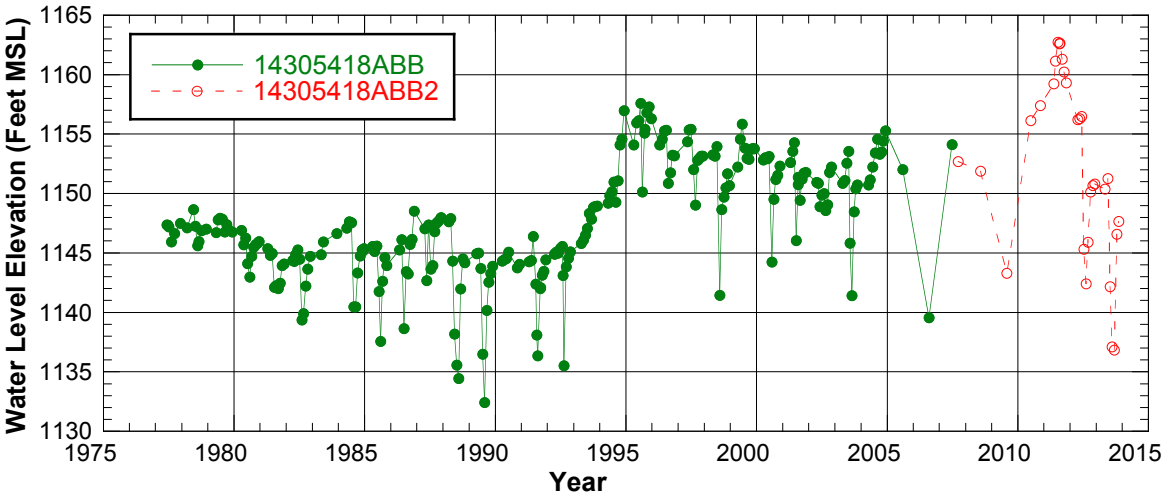

Figure A-32. -- Hydrograph of observation wells 14305418ABB1 & 2.

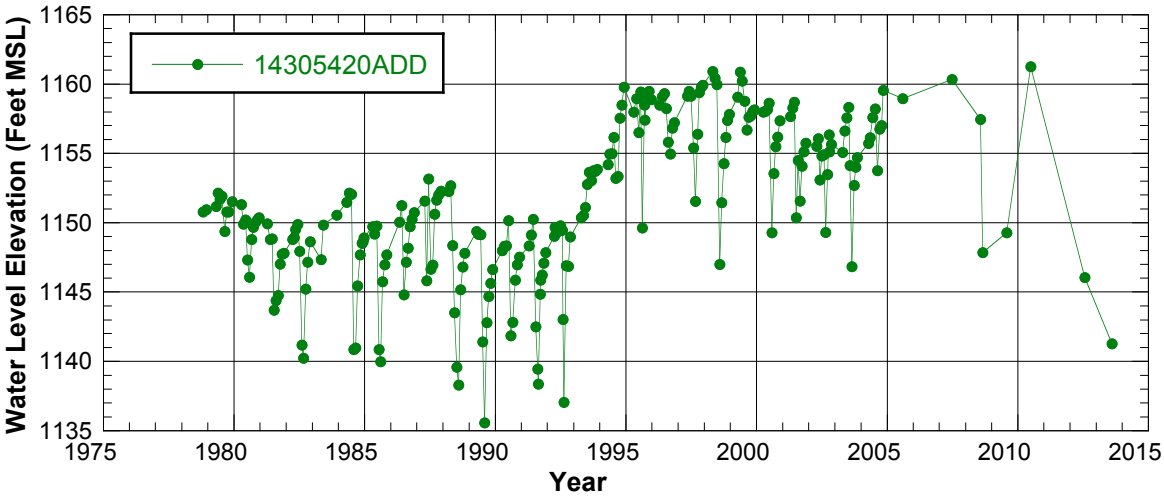

Figure A-33. -- Hydrograph of observation well 14305420ADD.

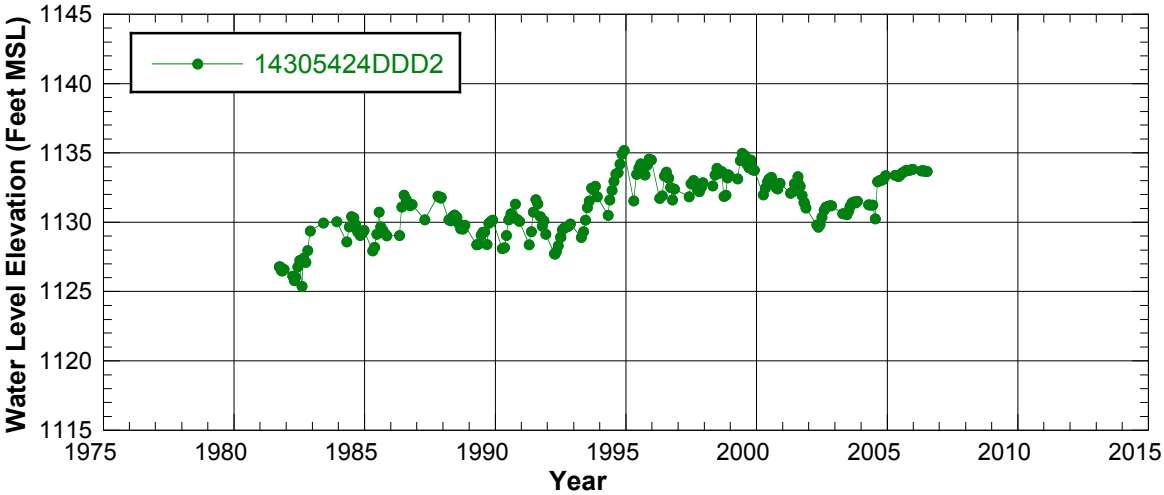

Figure A-34. -- Hydrograph of observation well 14305424DDD2.

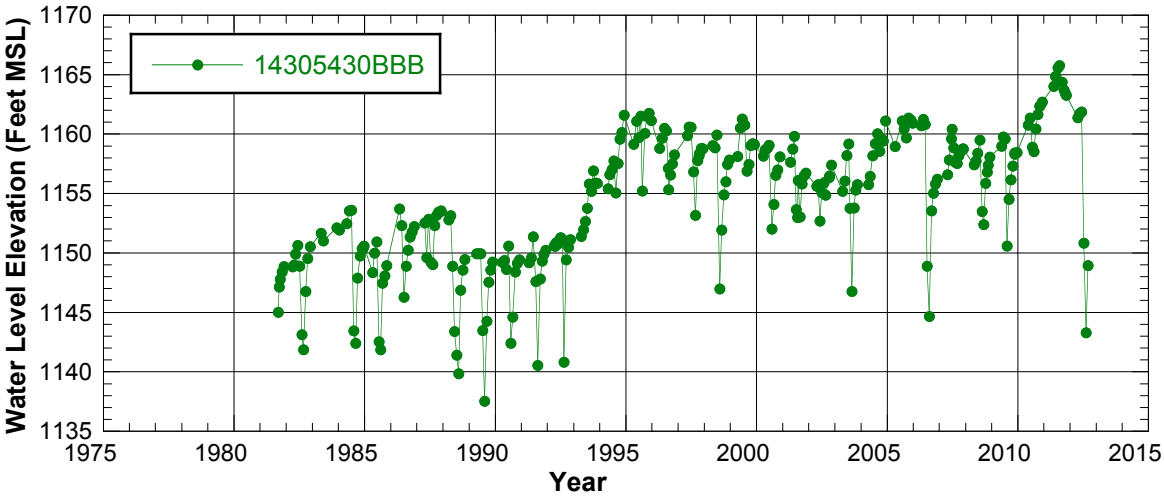

Figure A-35. -- Hydrograph of observation well 14305430BBB.

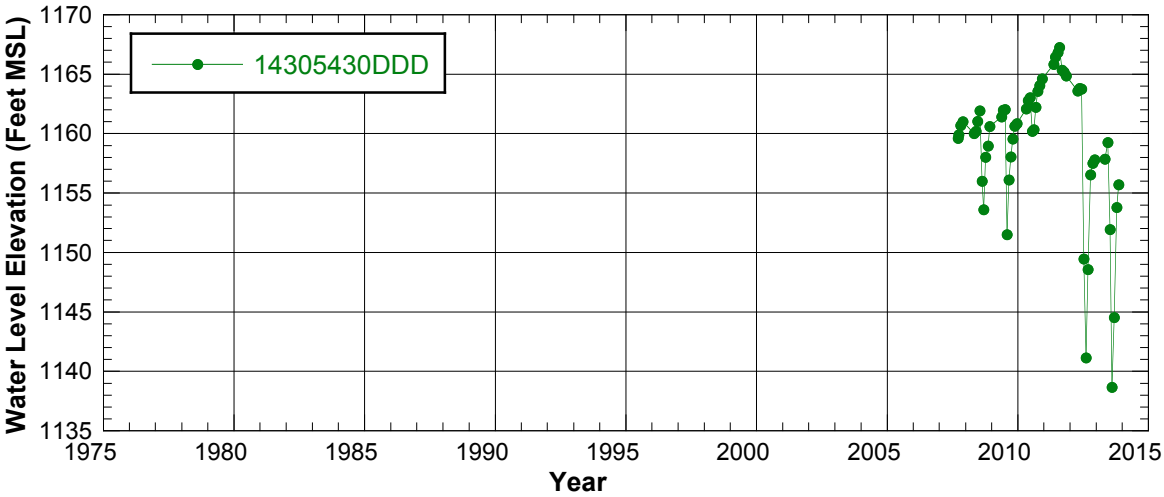

Figure A-36. -- Hydrograph of observation well 14305430DDD.

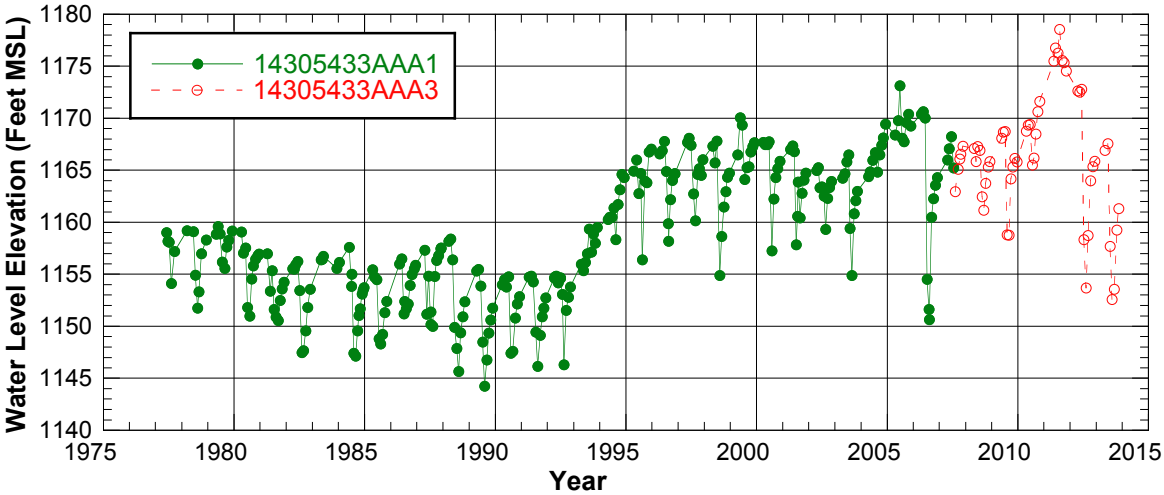

Figure A-37. -- Hydrograph of observation wells 14305433AAA1 & 3.

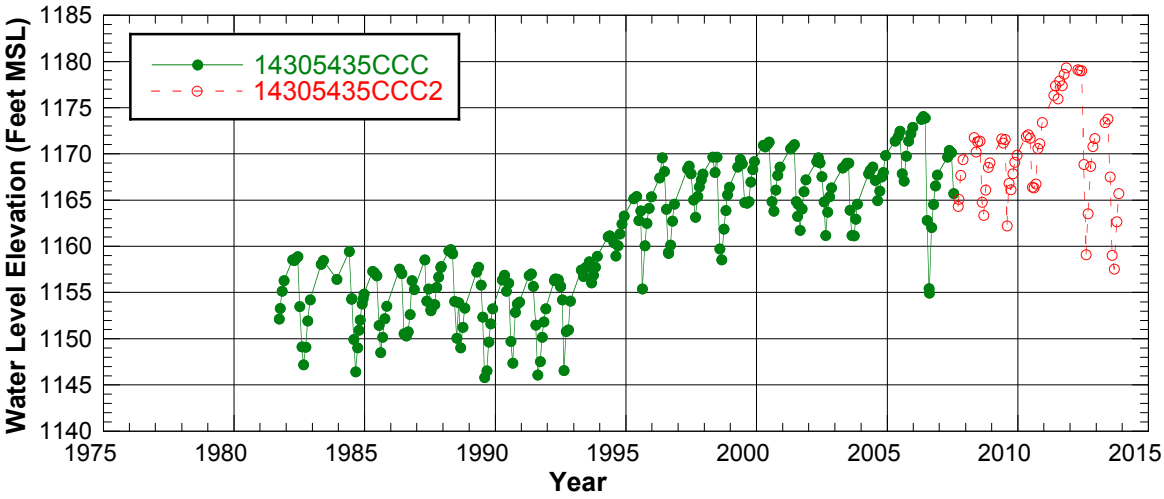

Figure A-38. -- Hydrograph of observation wells 14305435CCC1 & 2.

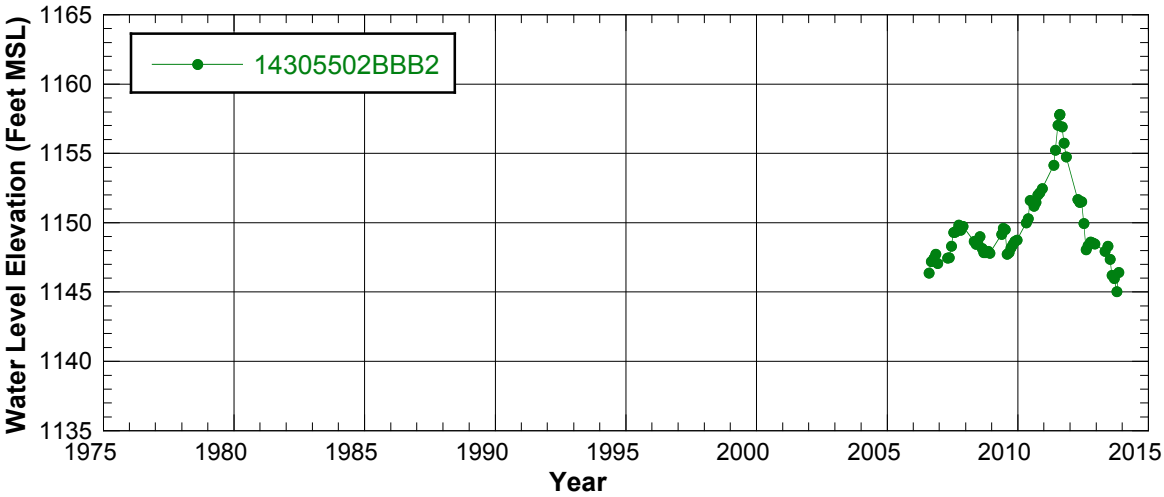

Figure A-39. -- Hydrograph of observation well 14105404DDD.

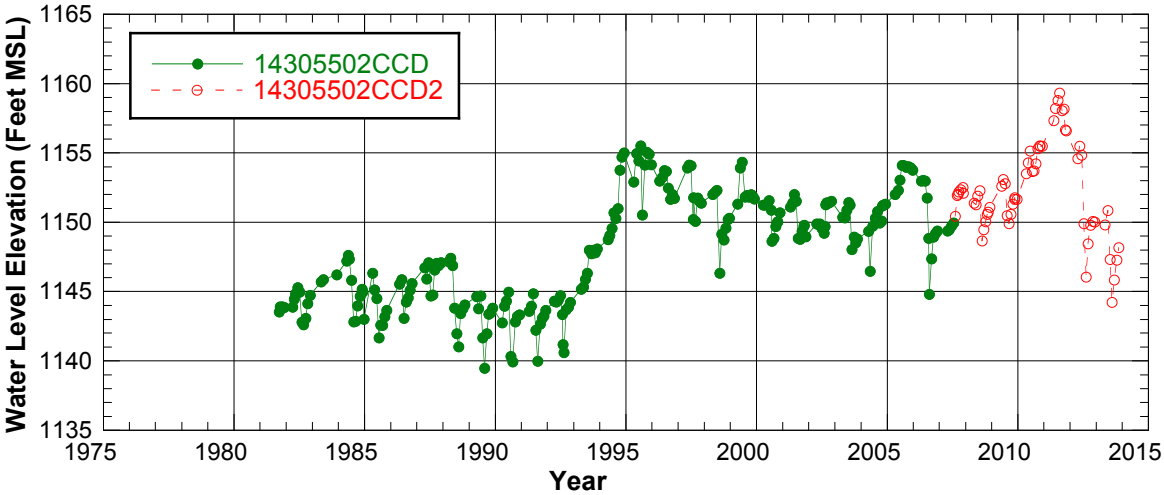

Figure A-40. -- Hydrograph of observation well 14305502CCD1 & 2.

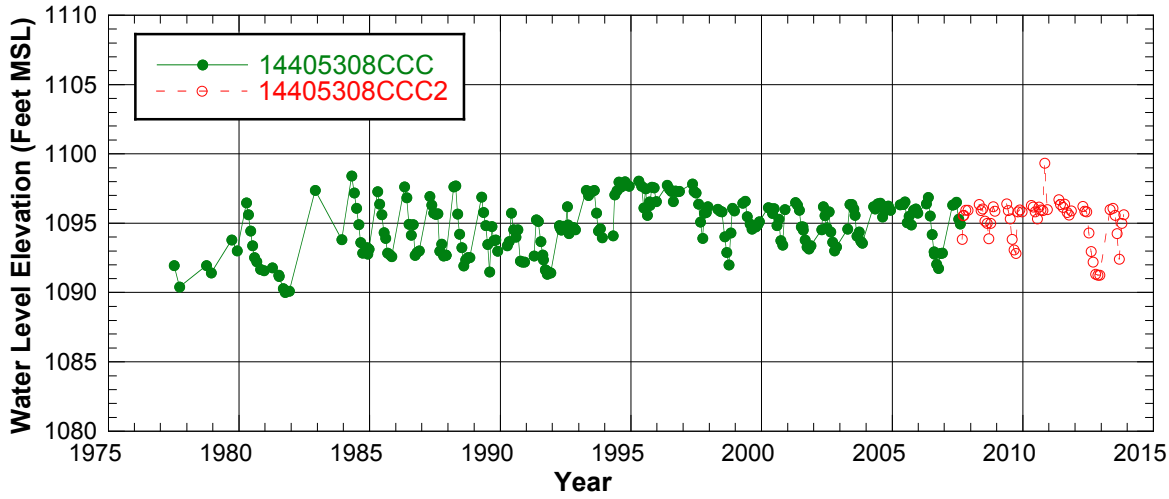

Figure A-41. -- Hydrograph of observation wells 14405308CCC1 & 2.

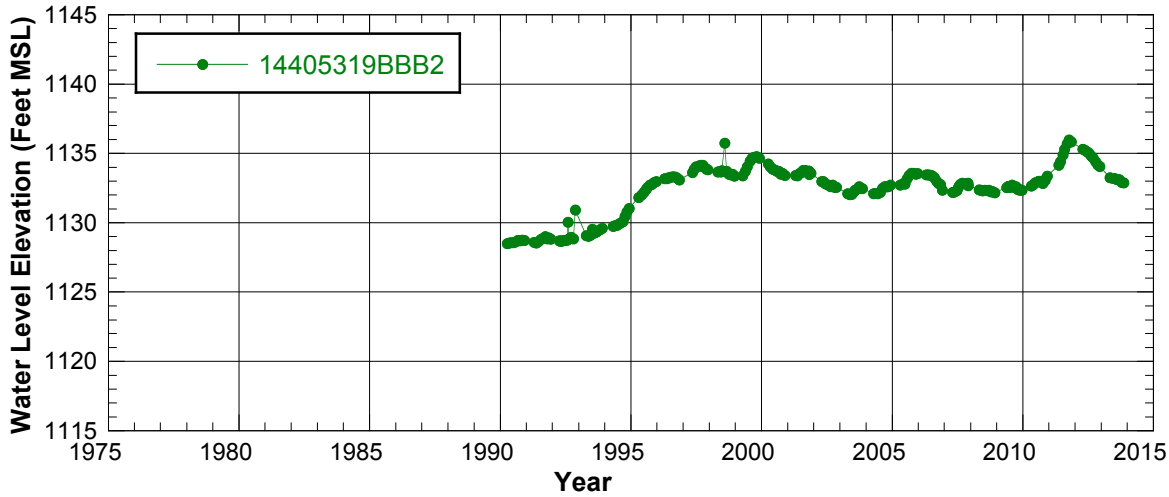

Figure A-42. -- Hydrograph of observation well 14405319BBB2.

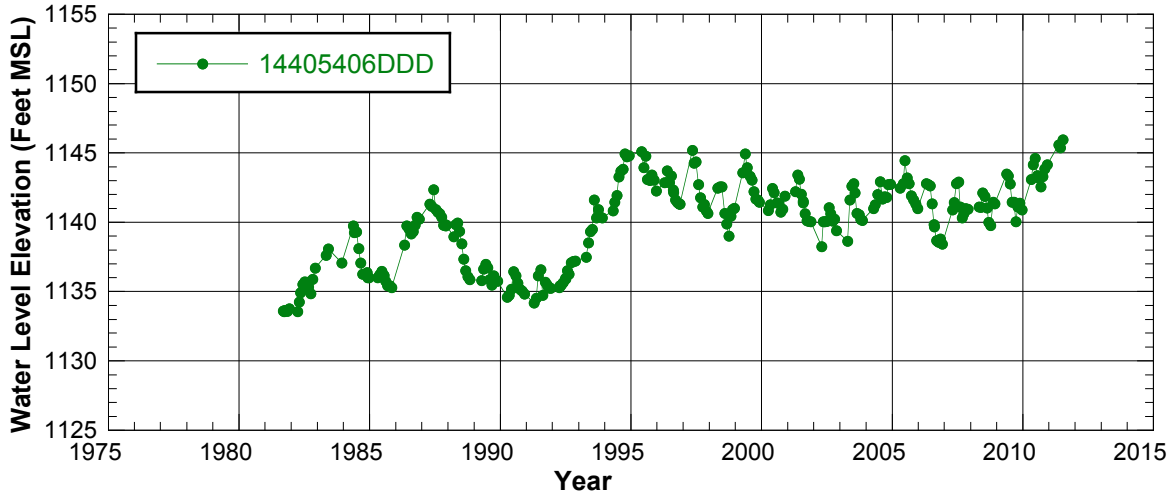

Figure A-43. -- Hydrograph of observation well 14405406DDD.

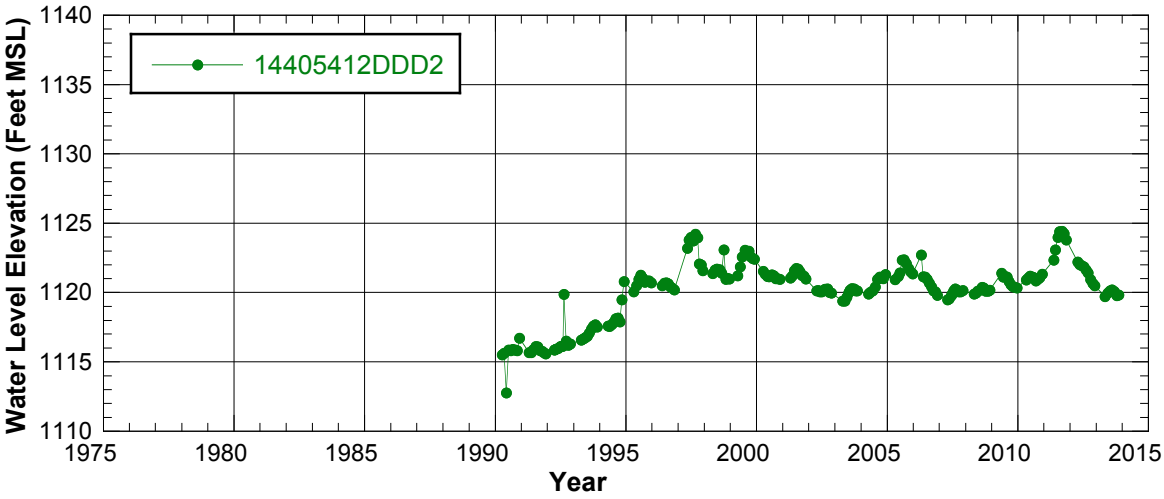

Figure A-44. -- Hydrograph of observation well 14405412DDD2.

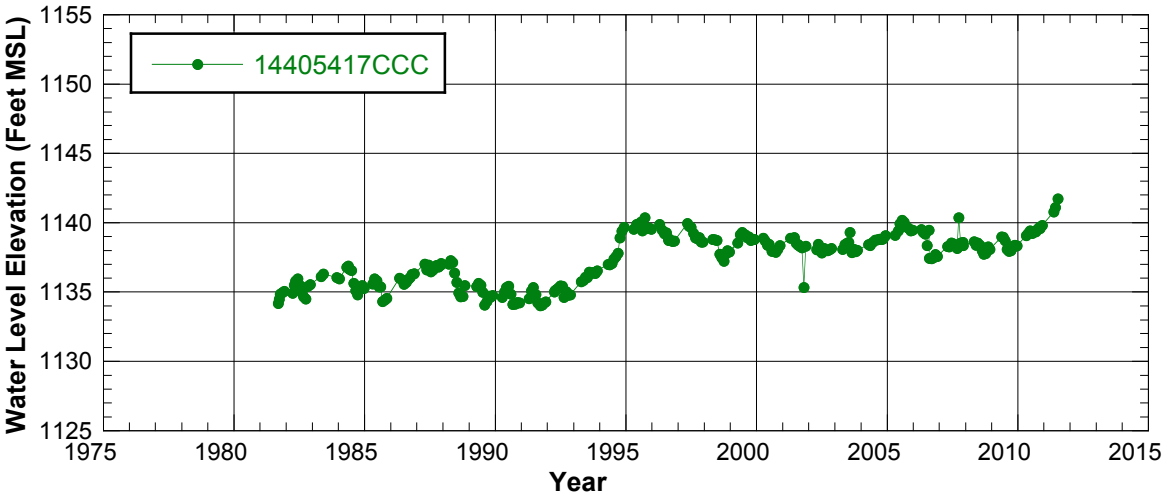

Figure A-45. -- Hydrograph of observation well 14405417CCC.

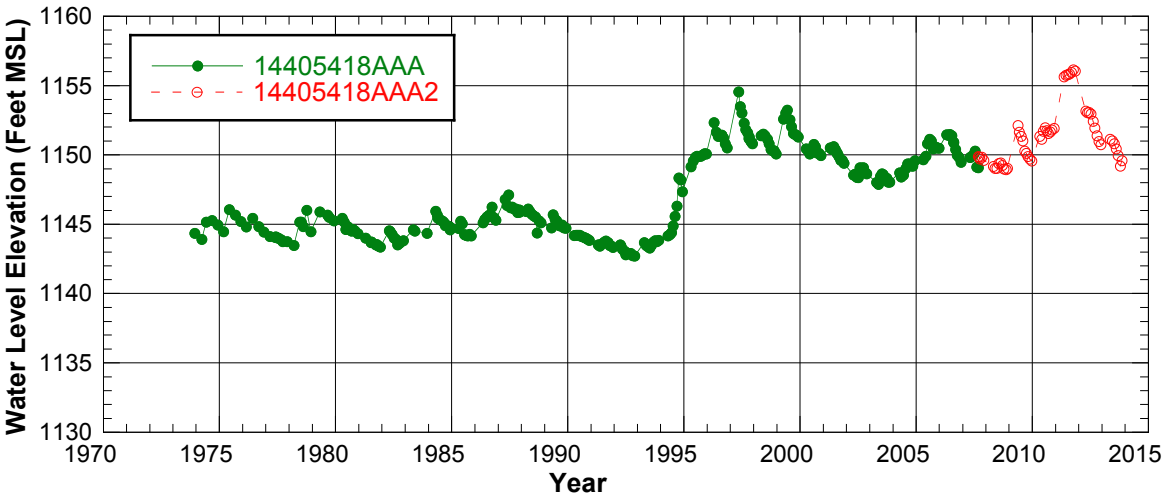

Figure A-46 -- Hydrograph of observation well 14405418AAA1 & 2.

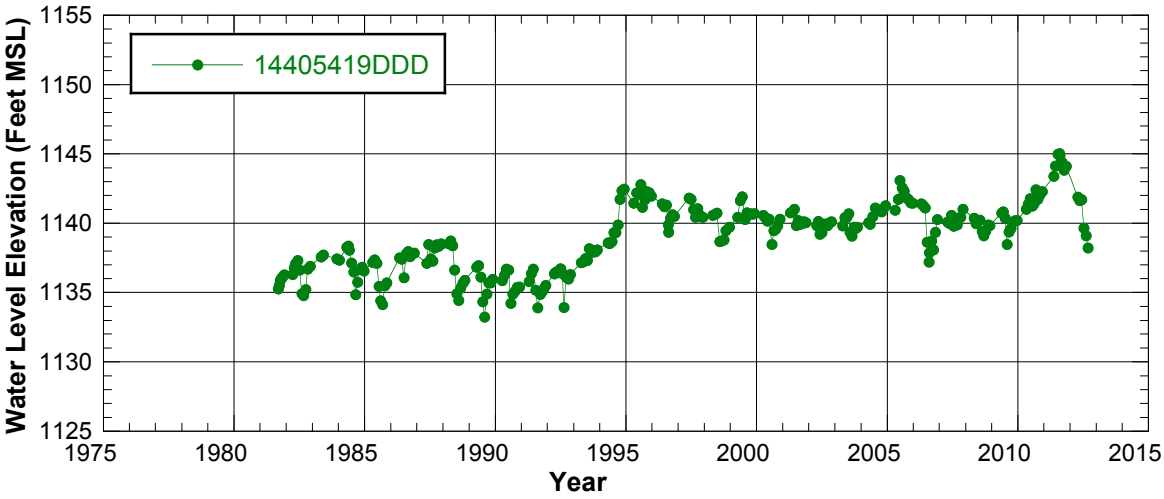

Figure A-47. -- Hydrograph of observation well 14405419DDD.

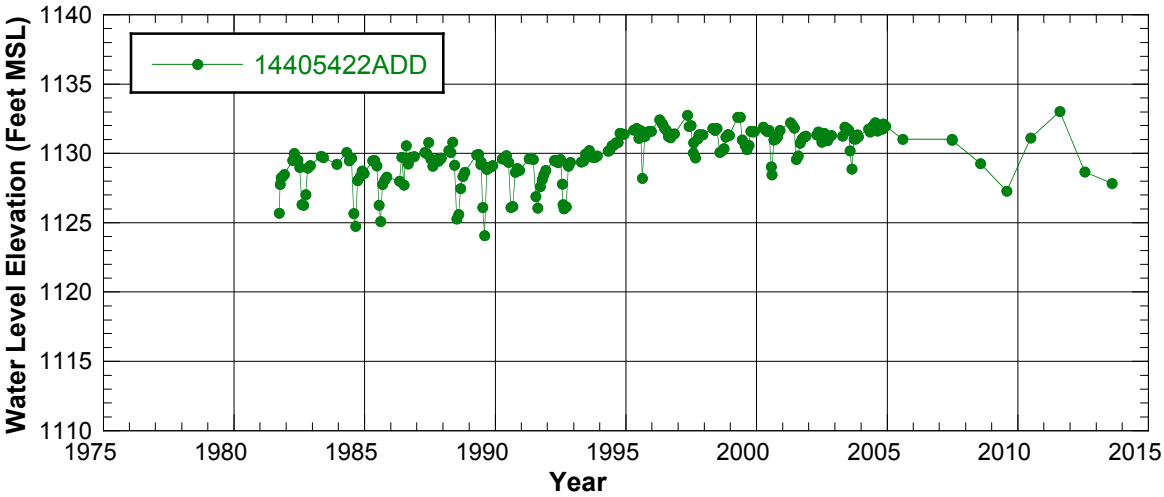

Figure A-48. -- Hydrograph of observation well 14405422ADD.

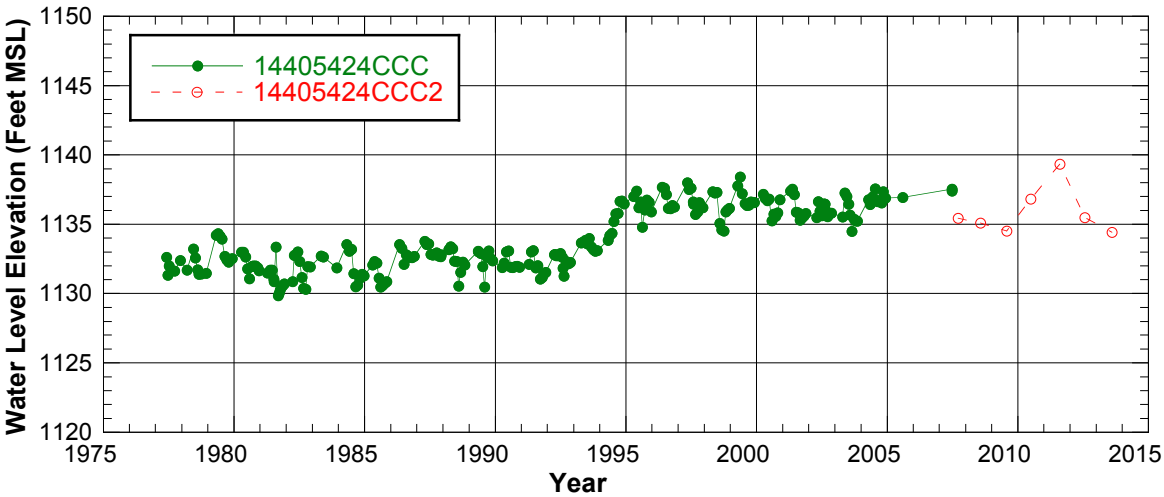

Figure A-49. -- Hydrograph of observation wells 14405424CCC1 & 2.

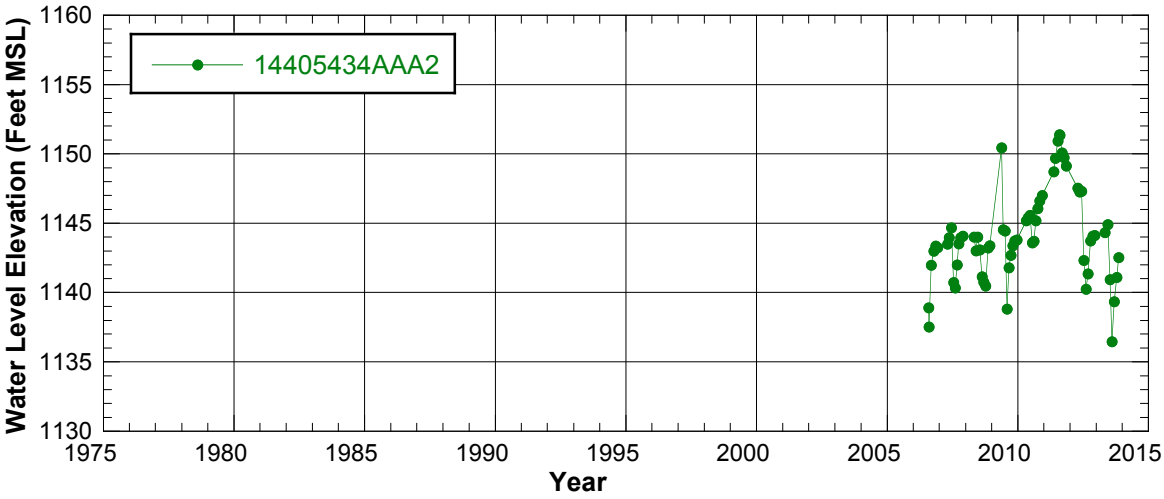

Figure A-50. -- Hydrograph of observation well 14405434AAA2.

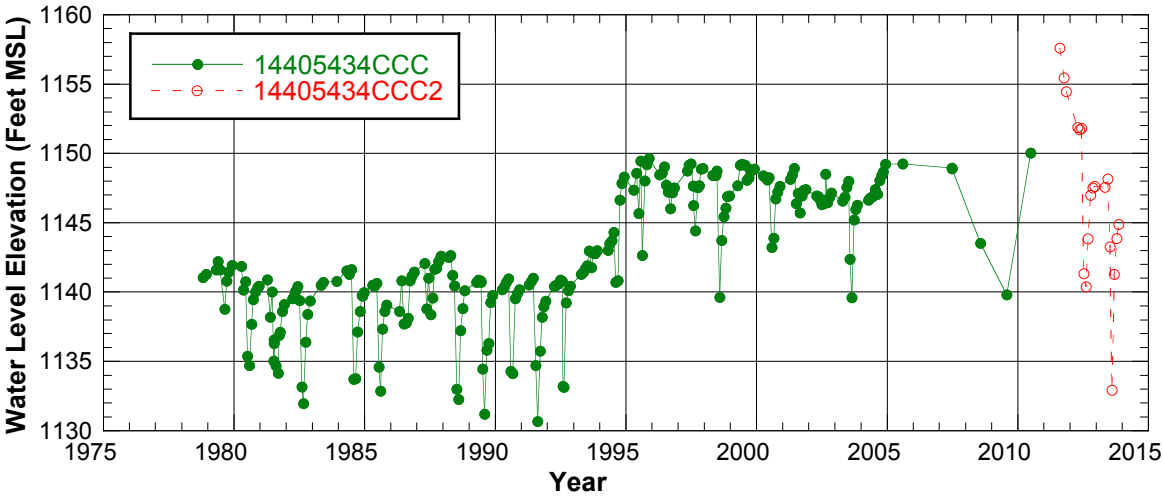

Figure A-51. -- Hydrograph of observation wells 14405434CCC1 & 2.

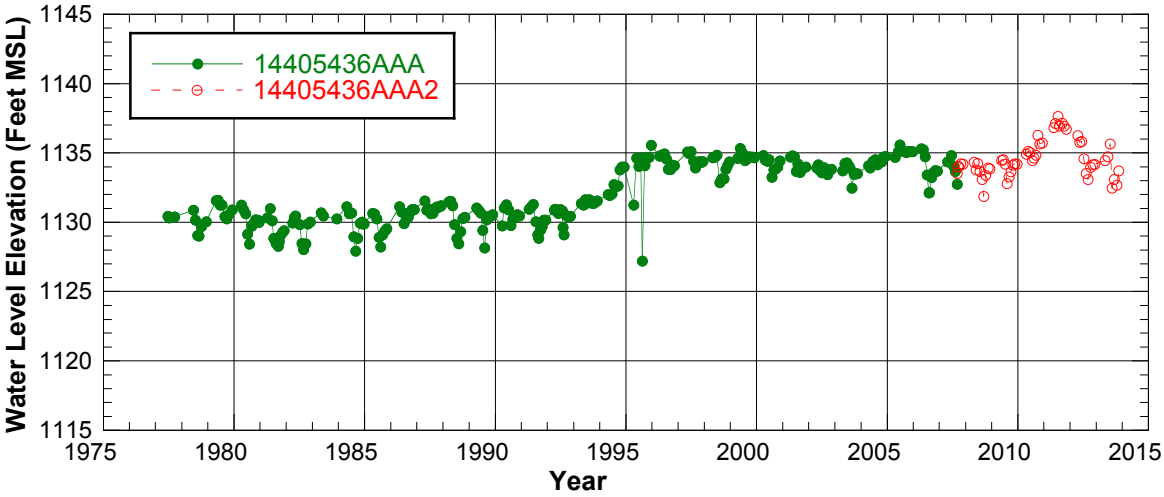

Figure A-52. -- Hydrograph of observation wells 14405436AAA1 & 2.

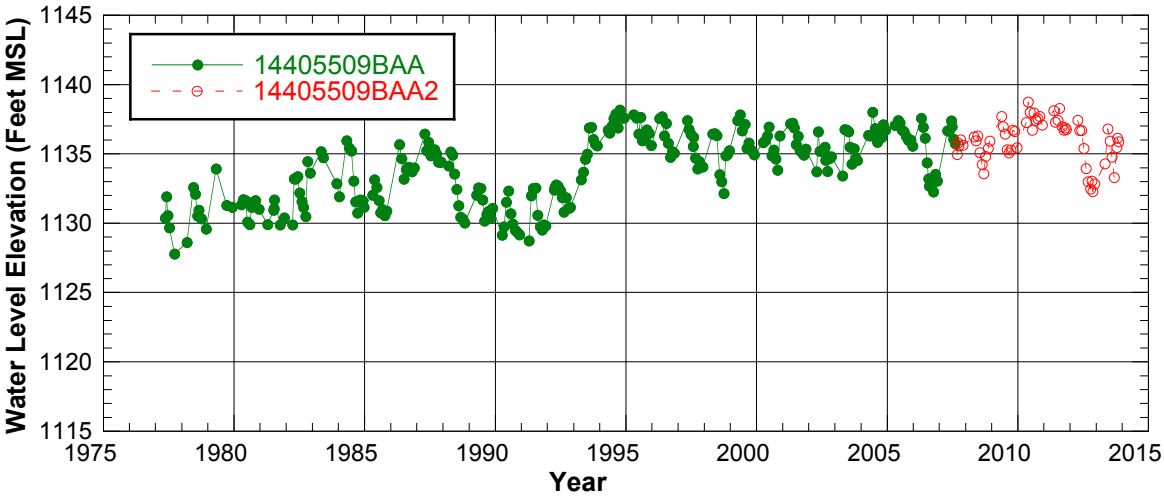

Figure A-53. -- Hydrograph of observation wells 14405509BAA1 & 2.

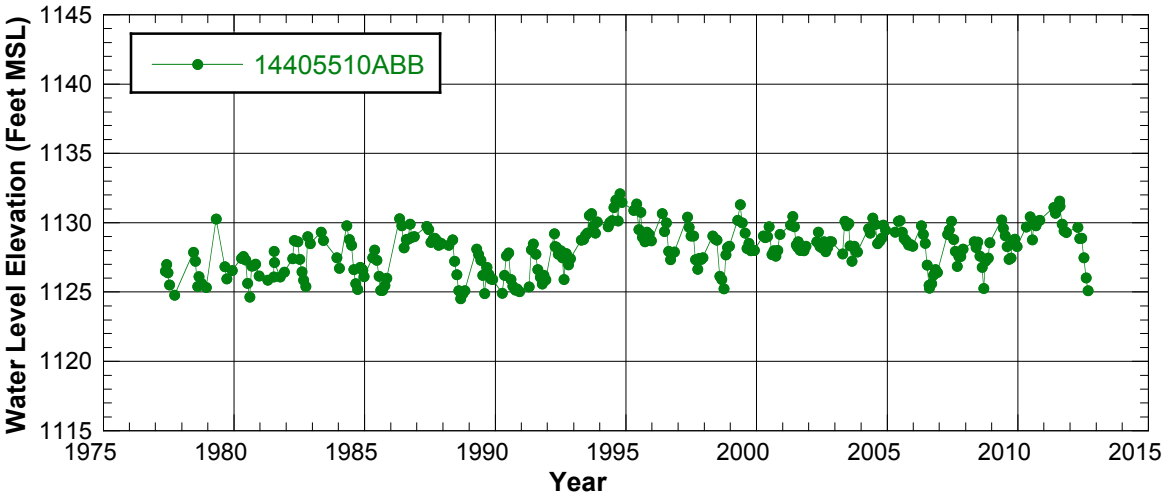

Figure A-54. -- Hydrograph of observation well 14405510ABB.

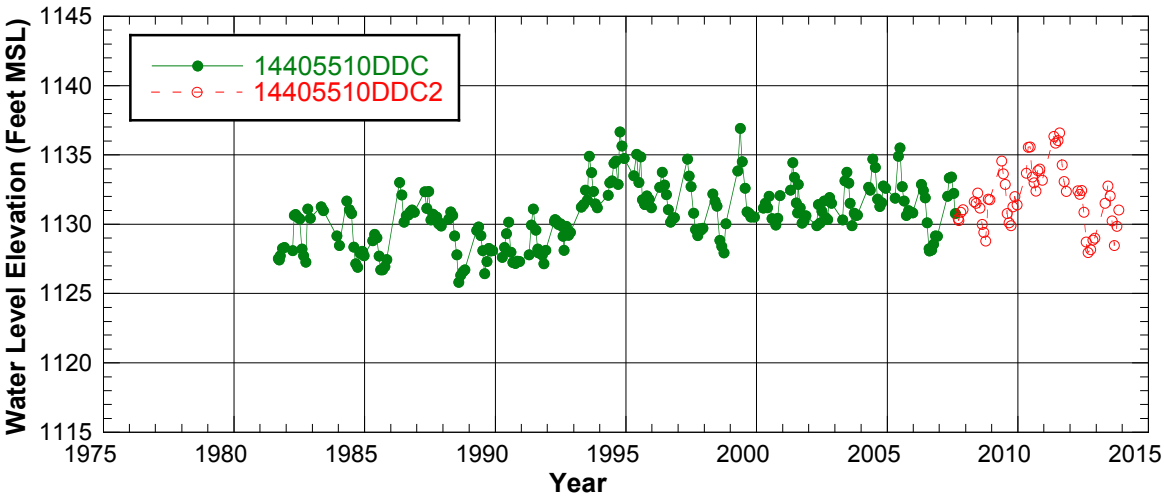

Figure A-55. -- Hydrograph of observation well 14405510DDC1 & 2.

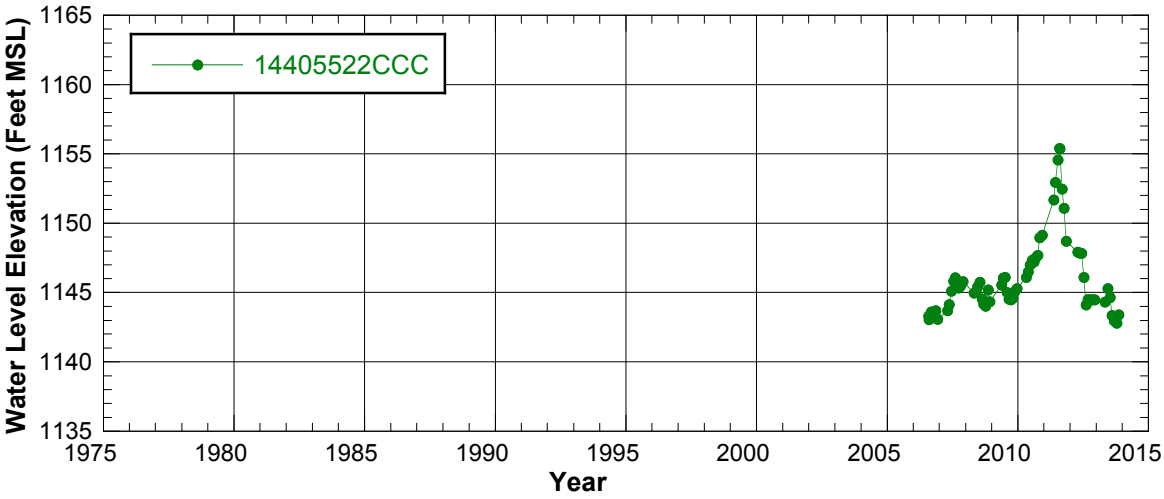

Figure A-56. -- Hydrograph of observation well 14405522CCC.

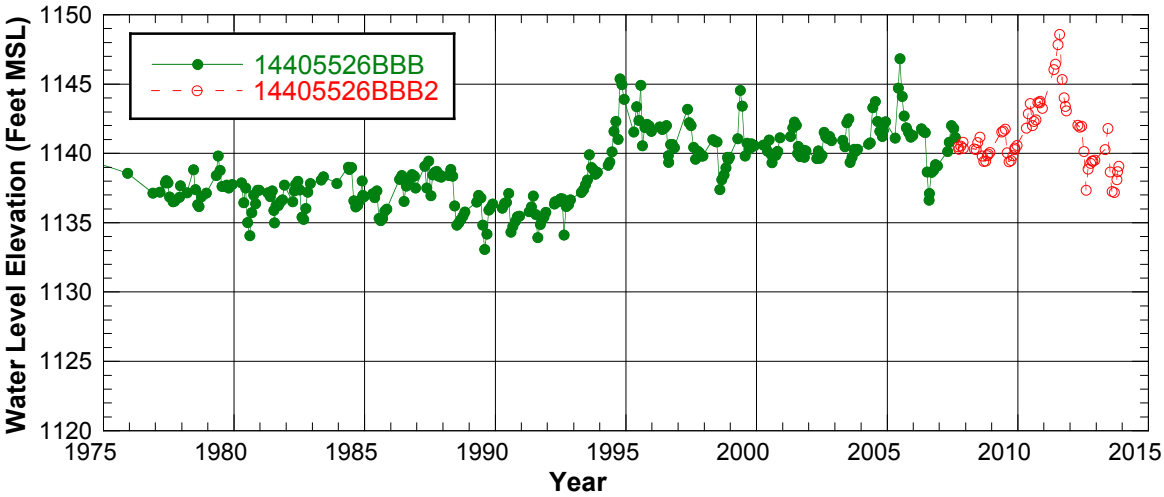

Figure A-57. -- Hydrograph of observation wells 1445526BBB1 & 2.

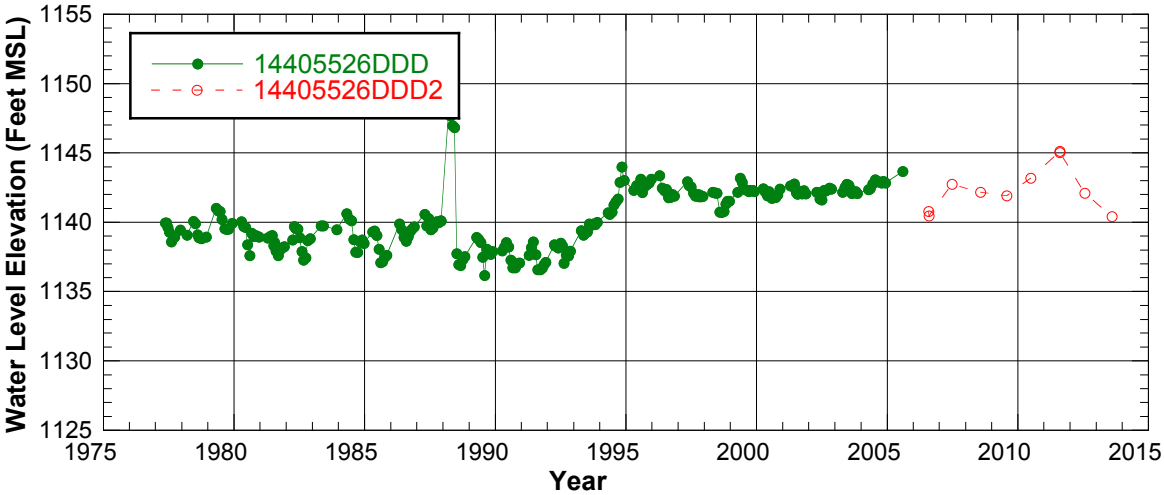

Figure A-58. -- Hydrograph of observation wells 14405526DDD1 & 2.

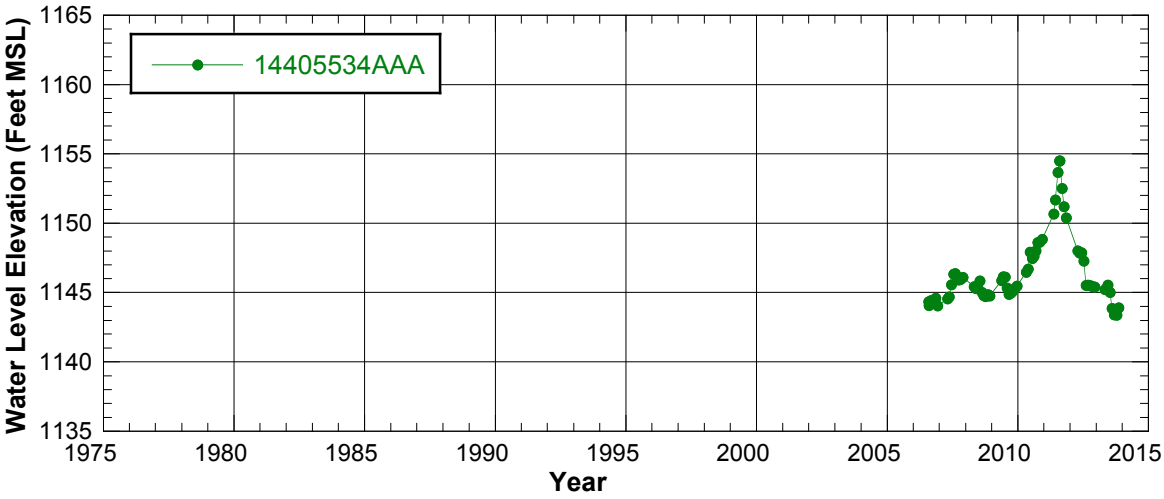

Figure A-59. -- Hydrograph of observation well 14405534AAA.

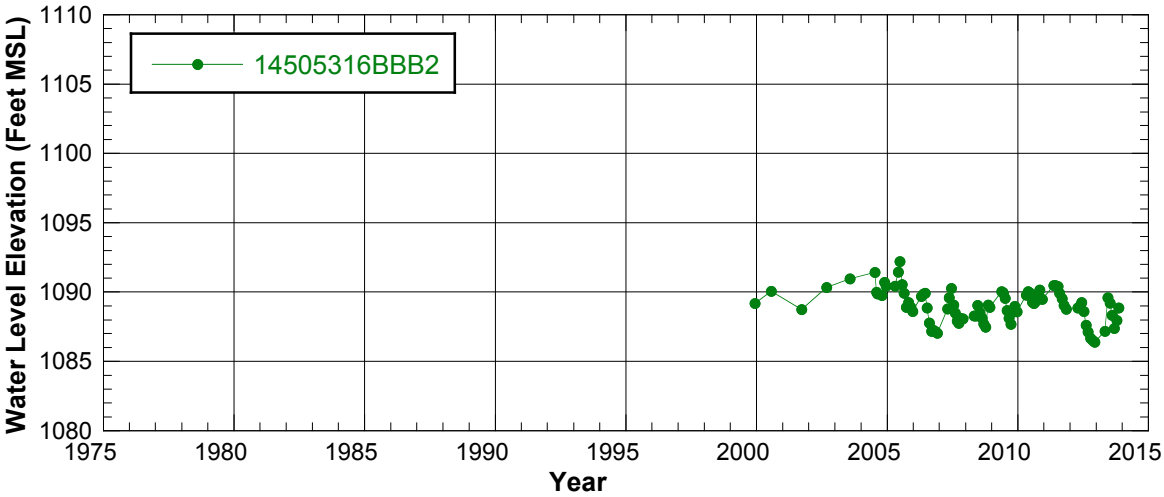

Figure A-60. -- Hydrograph of observation well 14505316BBB2.

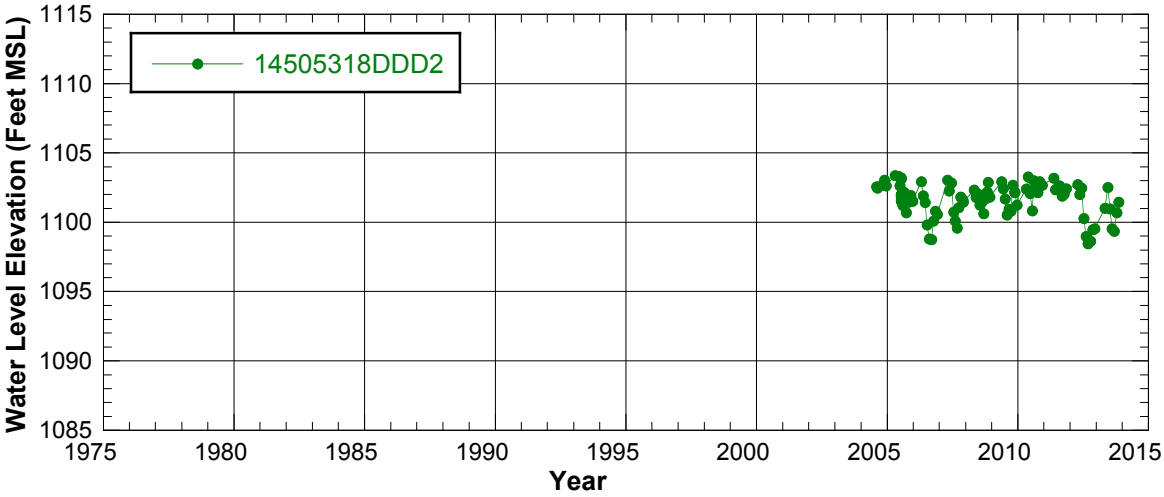

Figure A-61. -- Hydrograph of observation well 14505318DDD2.

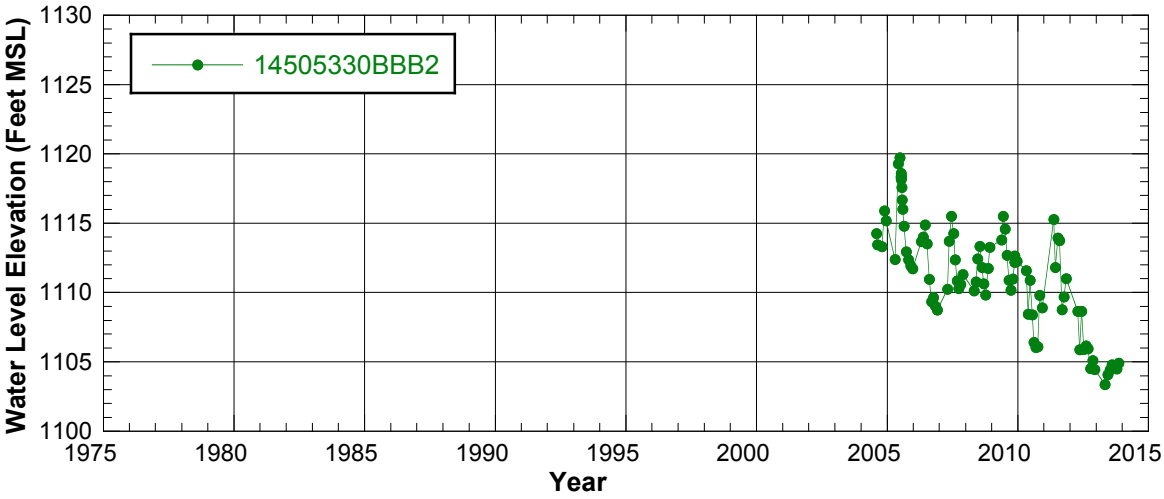

Figure A-62. -- Hydrograph of observation well 14505330BBB2.

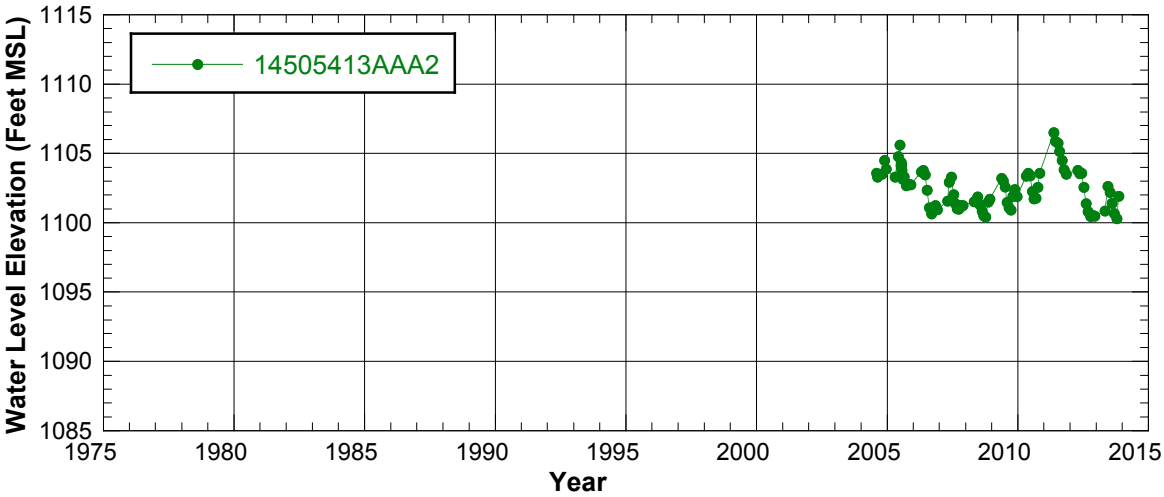

Figure A-63. -- Hydrograph of observation well 14505413AAA2.

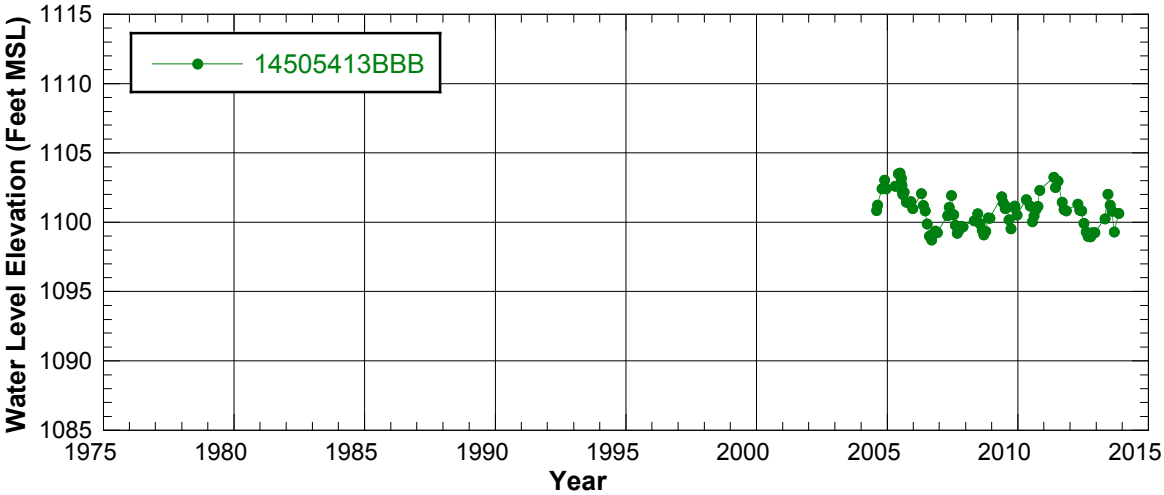

Figure A-64. -- Hydrograph of observation well 14505413BBB

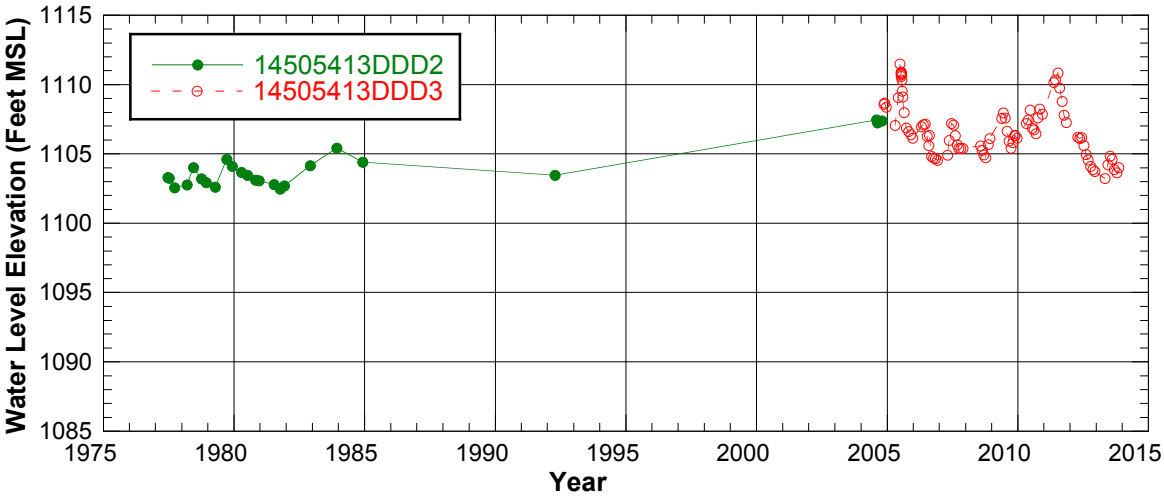

Figure A-65. -- Hydrograph of observation wells 14505413DDD2 & 3.

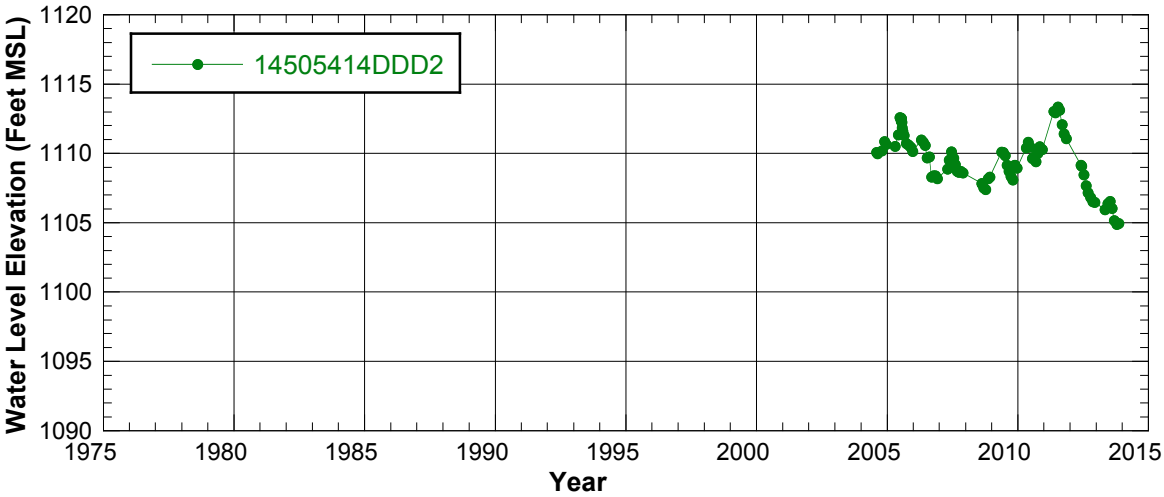

Figure A-66. -- Hydrograph of observation well 14505414DDD2.

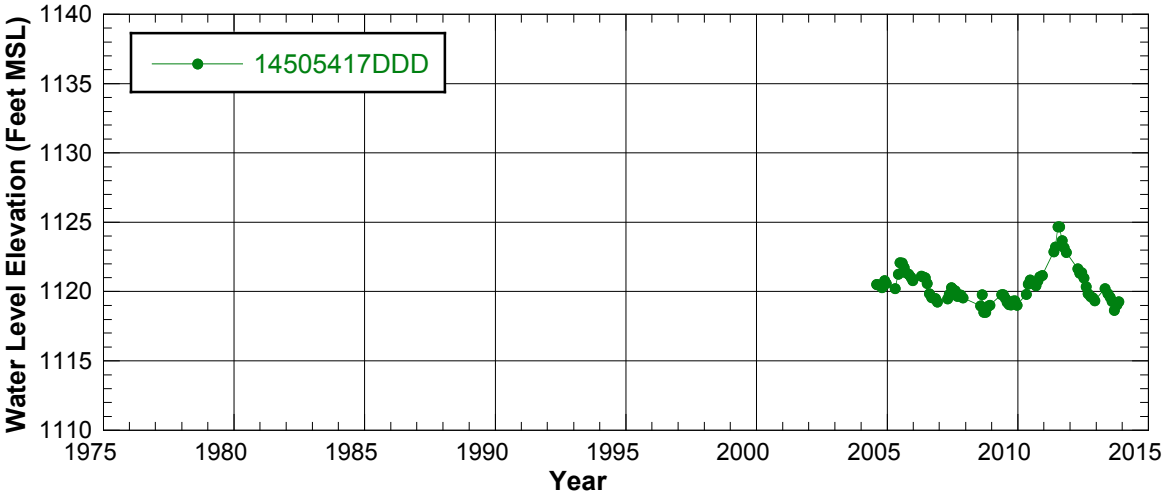

Figure A-67. -- Hydrograph of observation well 14505417DDD.

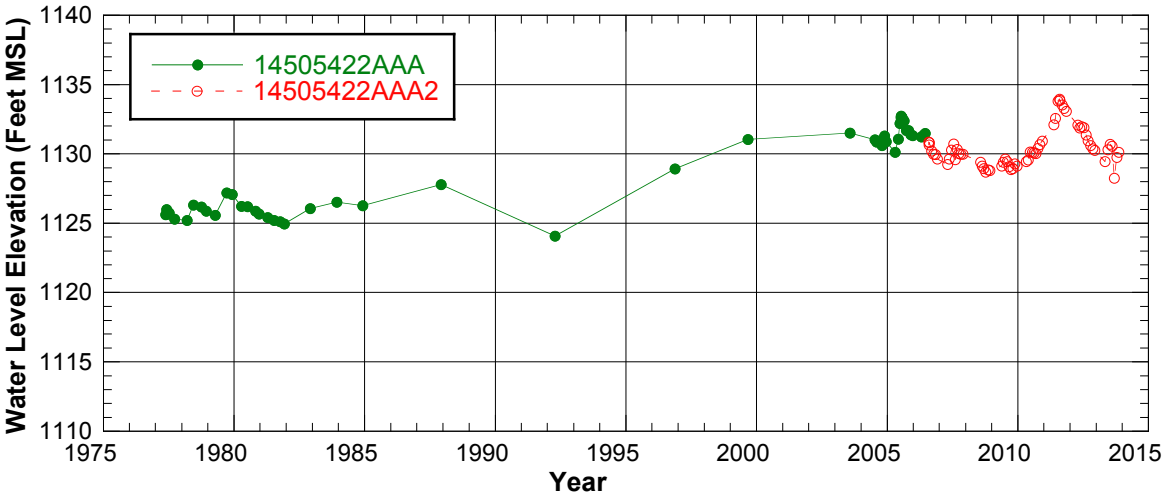

Figure A-68. -- Hydrograph of observation wells 14505422AAA1& 2.

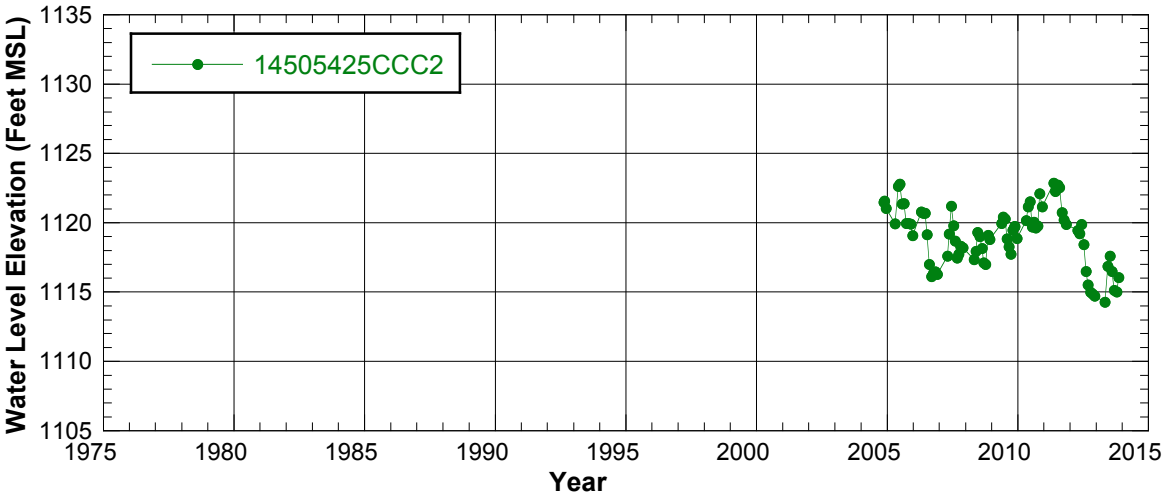

Figure A-69. -- Hydrograph of observation well 14505425CCC2.

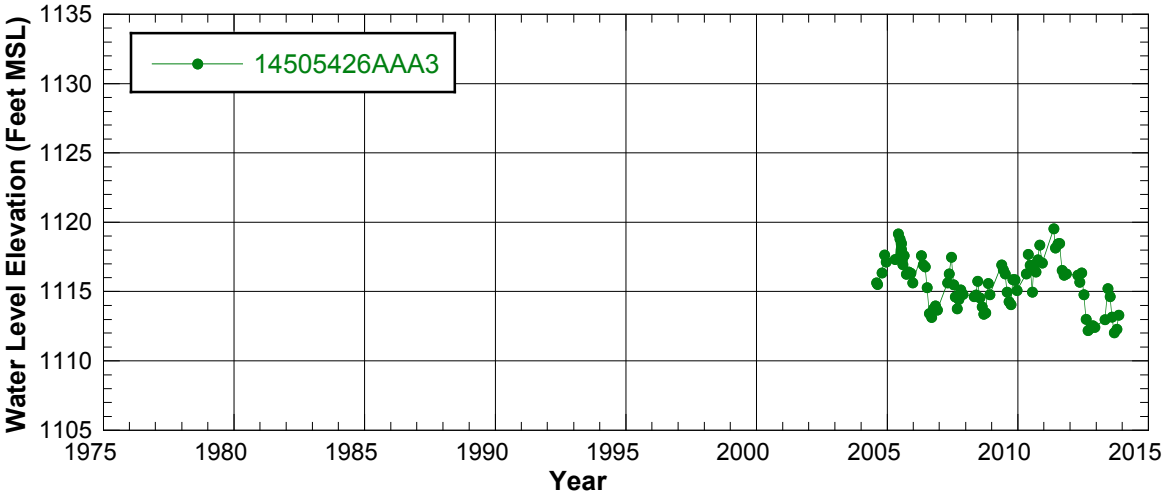

Figure A-70. -- Hydrograph of observation well 14505426AAA3.

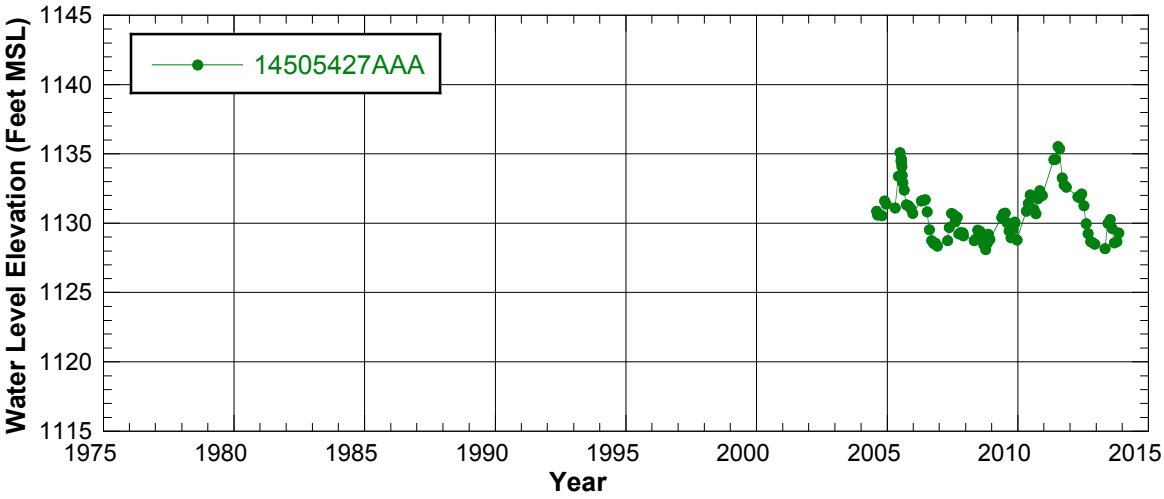

Figure A-71. -- Hydrograph of observation well 14505427AAA.

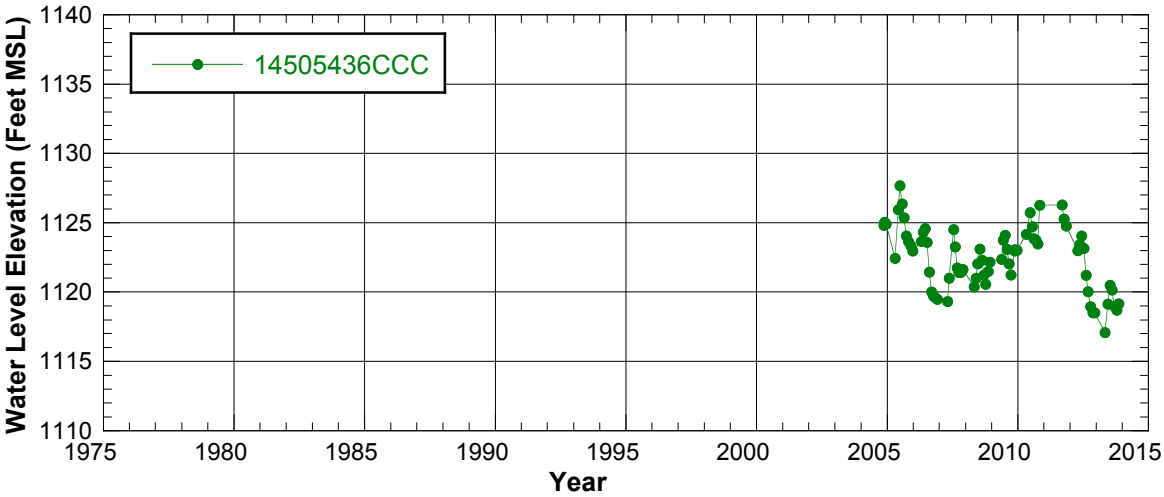

Figure A-72. -- Hydrograph of observation well 14505436CCC.

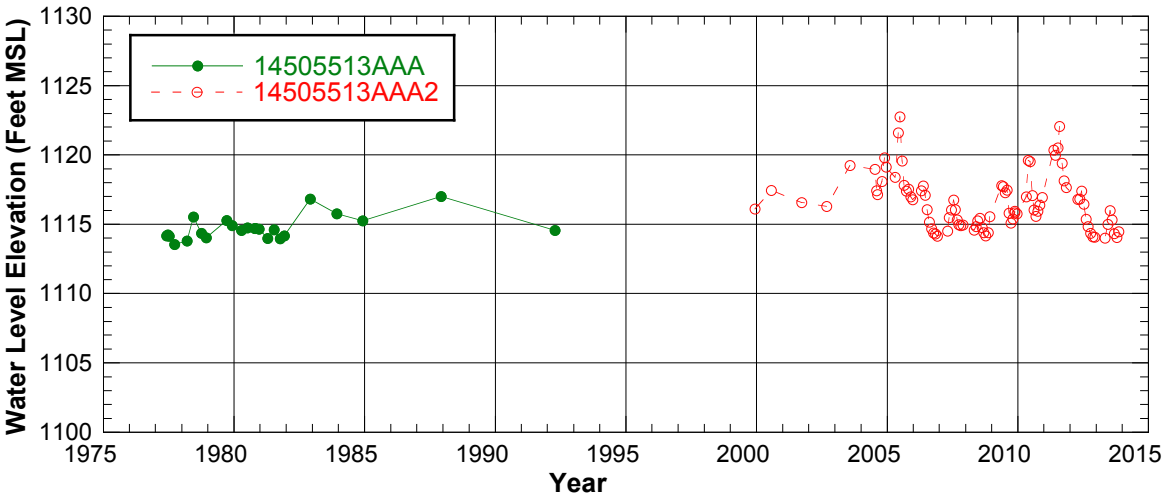

Figure A-73. -- Hydrograph of observation wells 14505513AAA1 & 2.

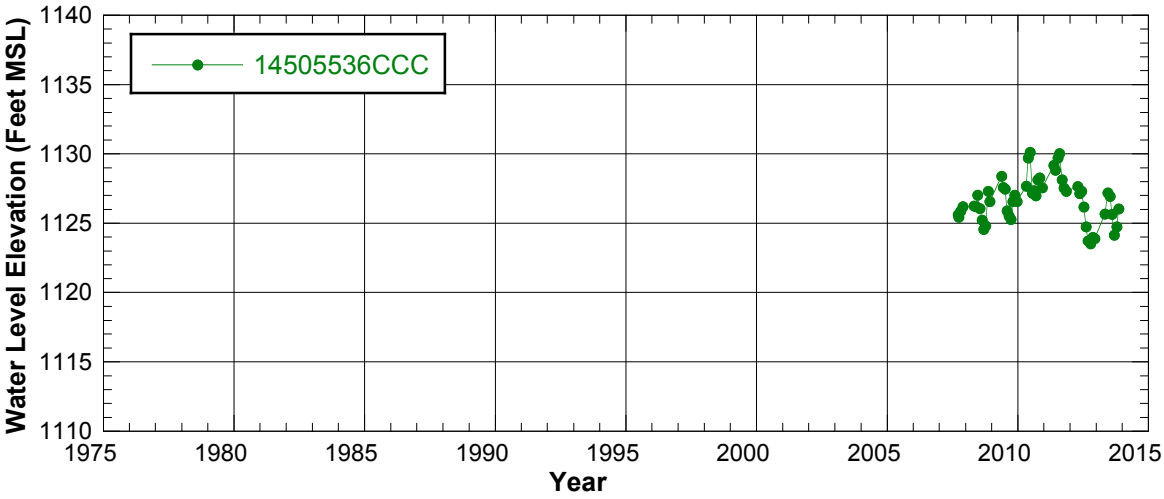

Figure A-74. -- Hydrograph of observation well 14505536CCC.

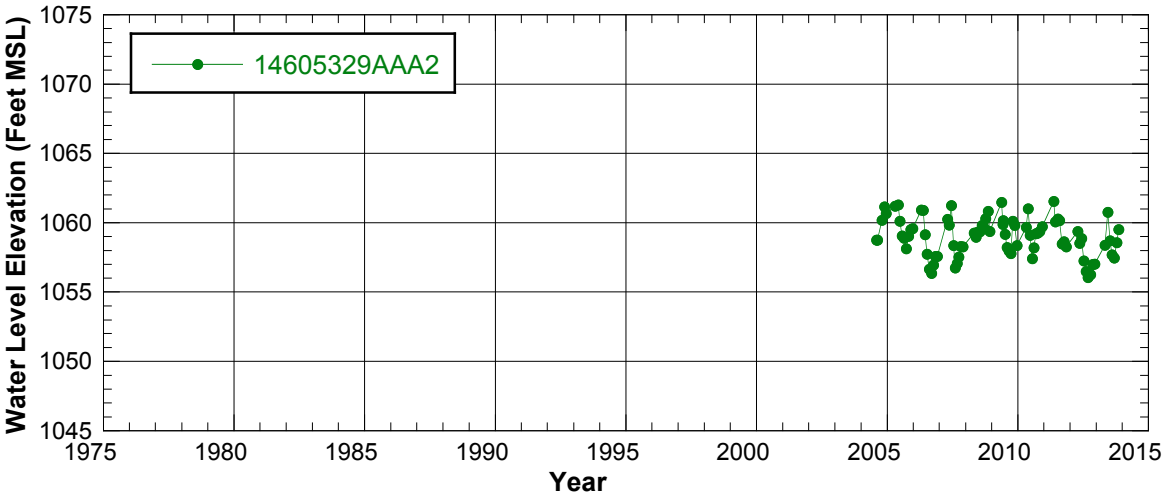

Figure A-75. -- Hydrograph of observation well 14605329AAA2.

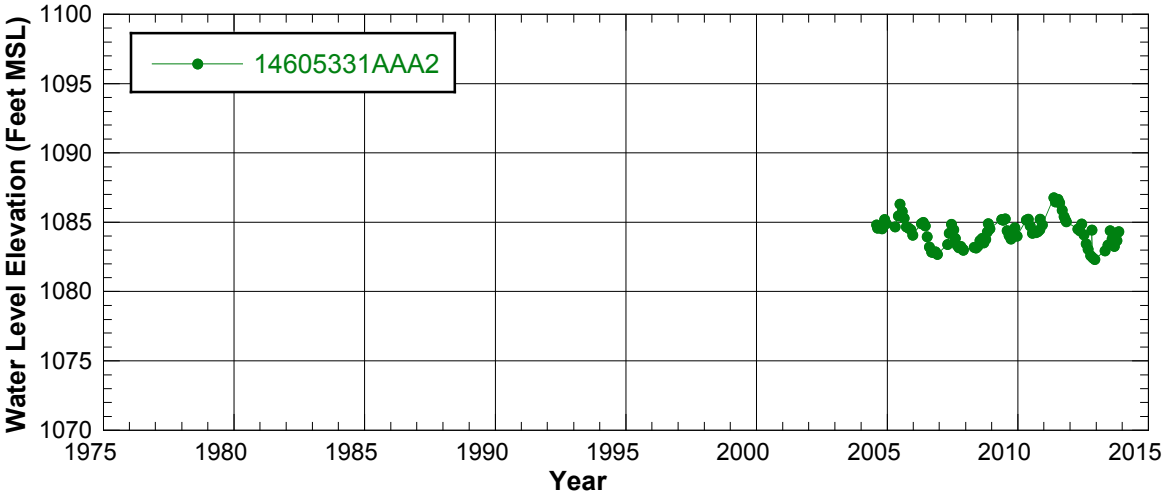

Figure A-76. -- Hydrograph of observation well 14605331AAA2.

Appendix B – Hydrogeologic Cross-Sections

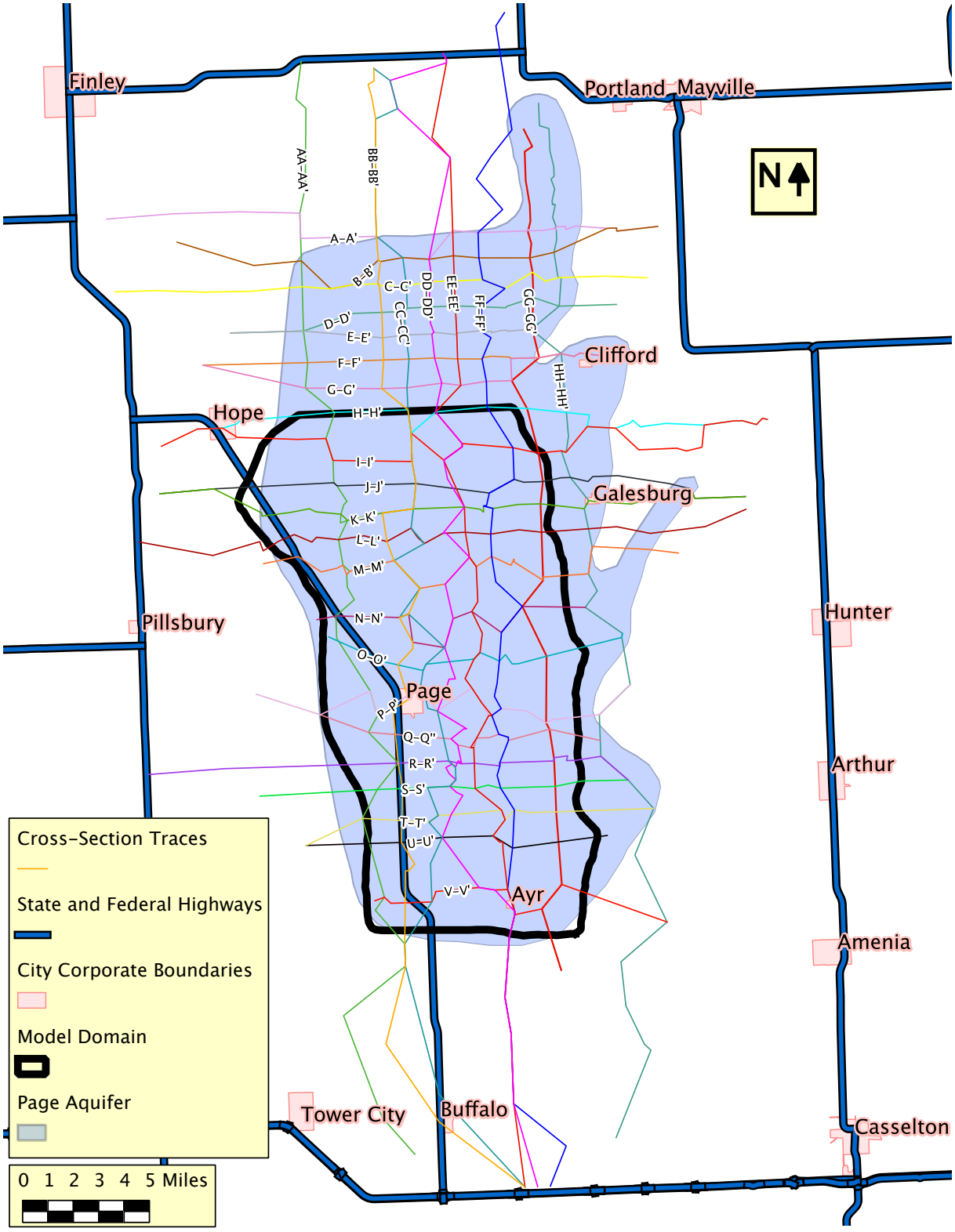

Figure B-1. --Traces of the 30 Hydrogeologic cross-sections in Appendix B.

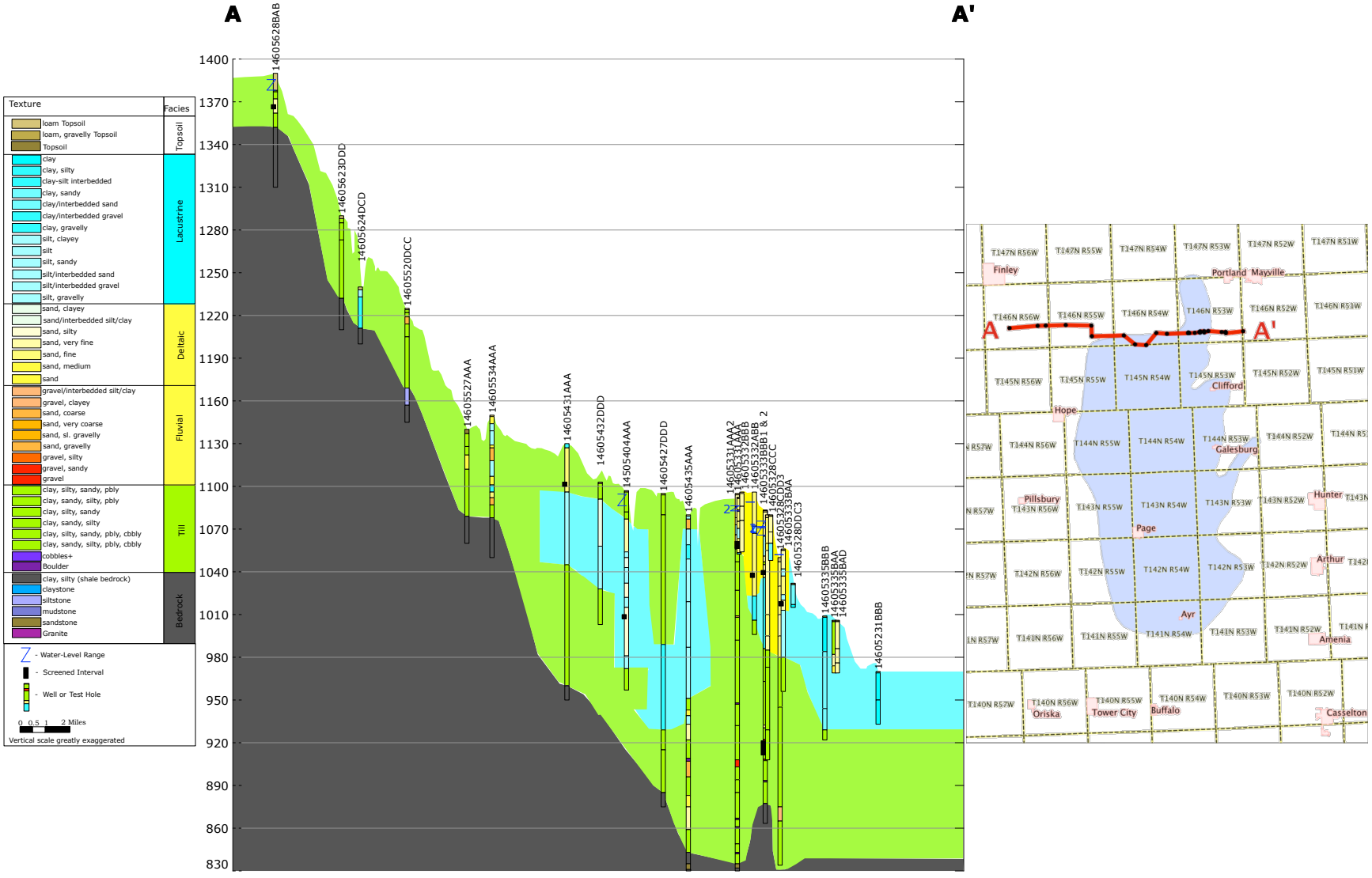

Figure B-2. -- Hydrogeologic section A-A'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

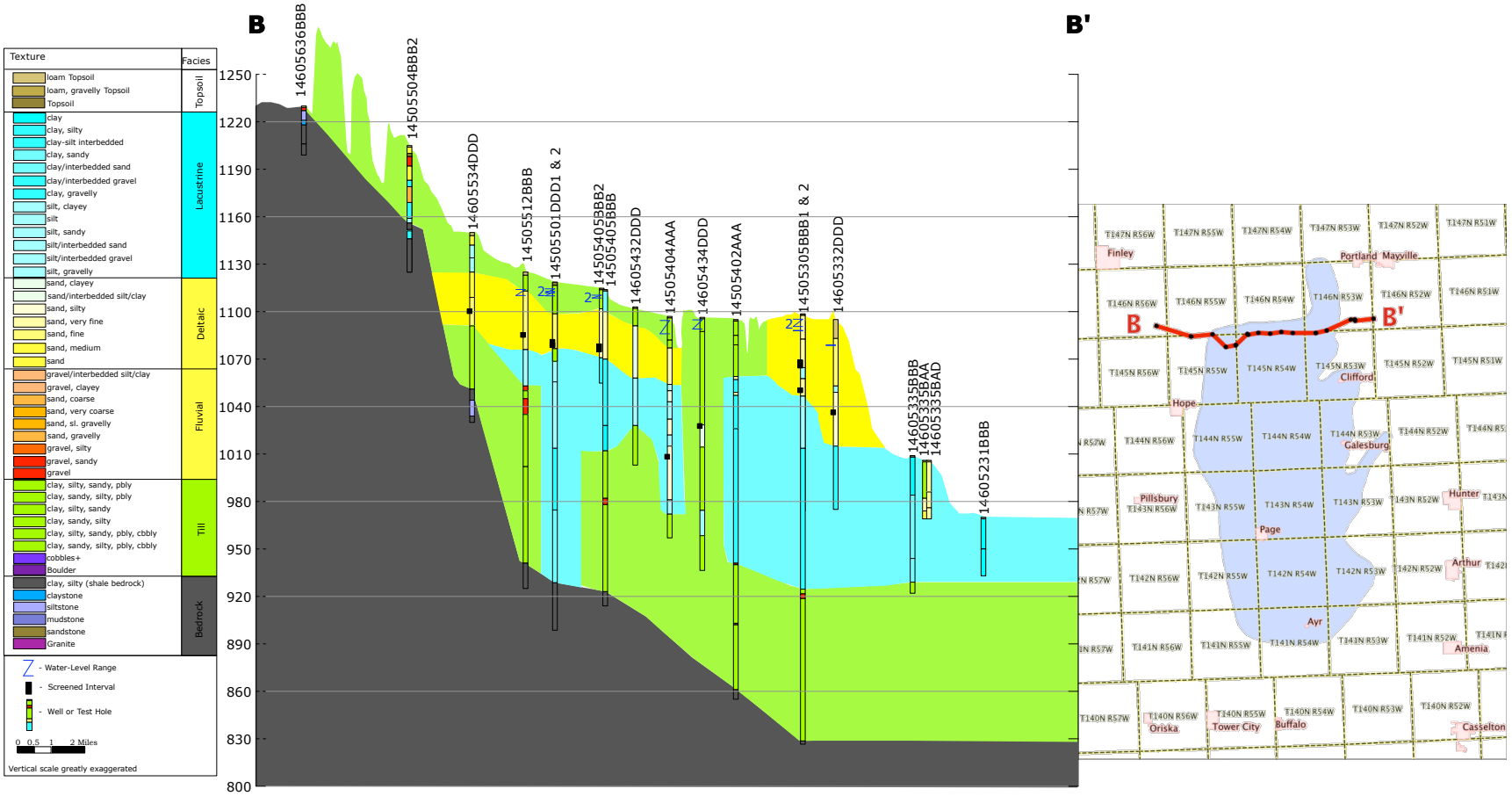

Figure B-3 -- Hydrogeologic section B-B'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

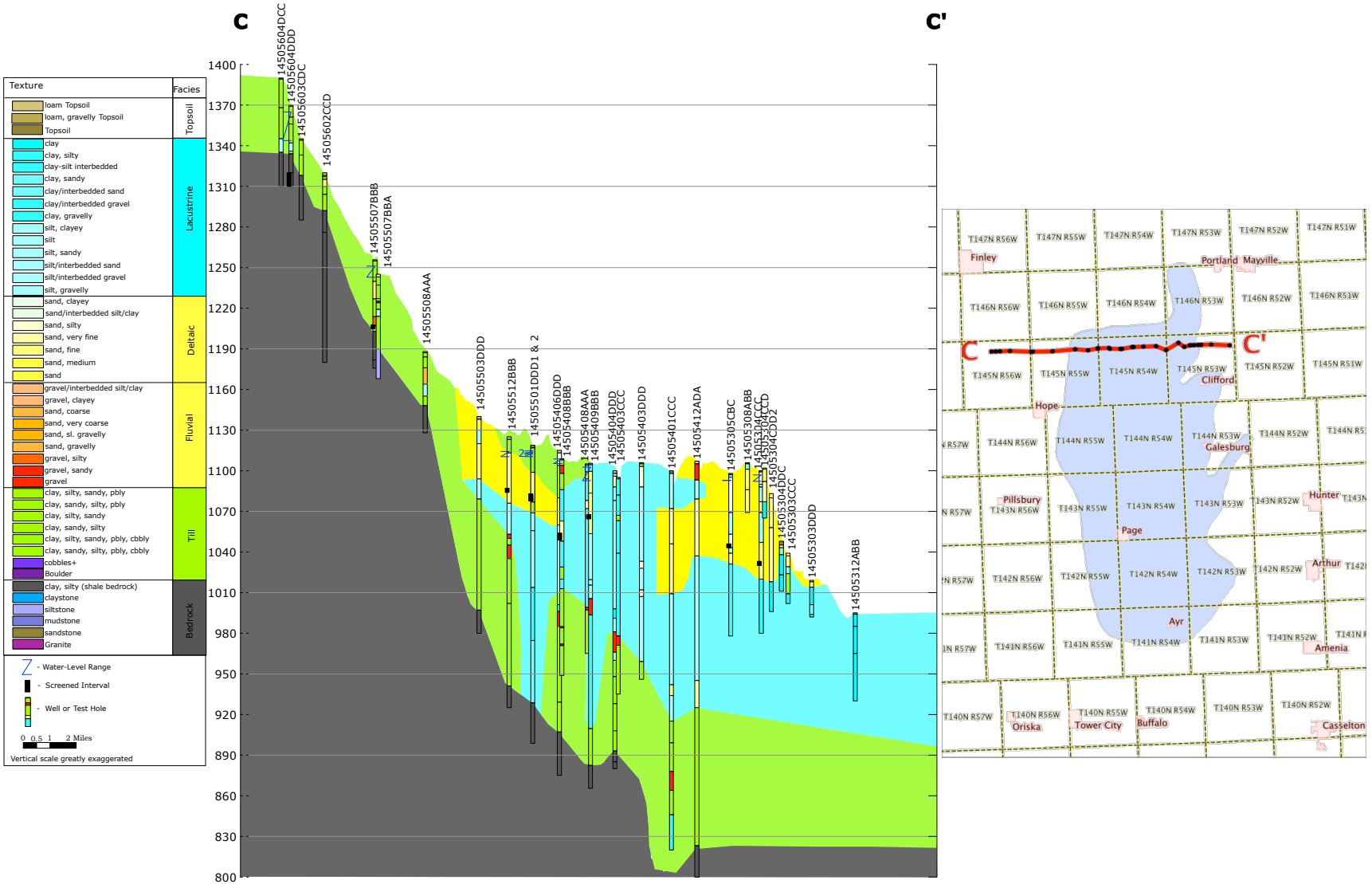

Figure B-4. -- Hydrogeologic section C-C'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

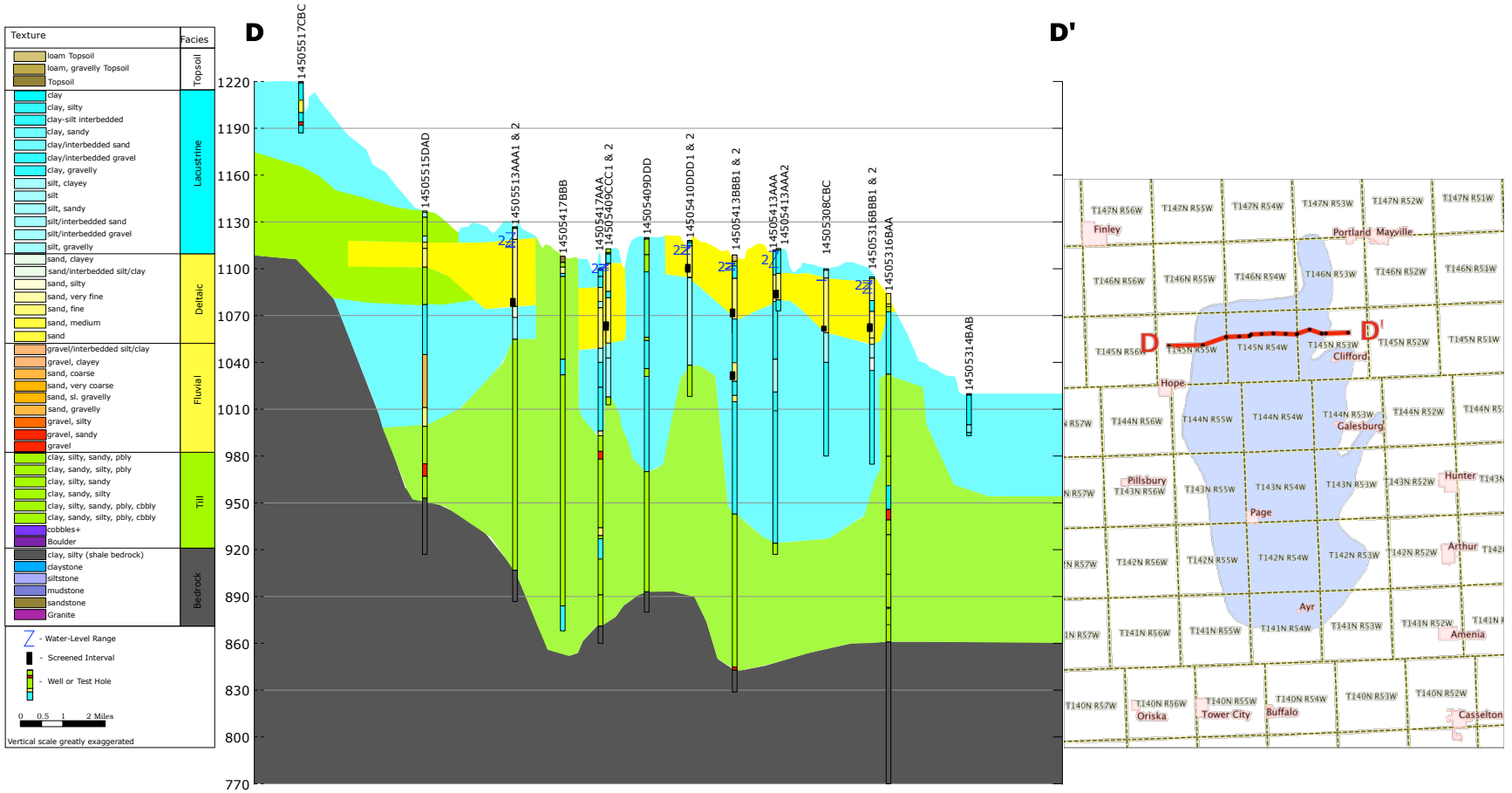

Figure B-5. -- Hydrogeologic section D-D'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

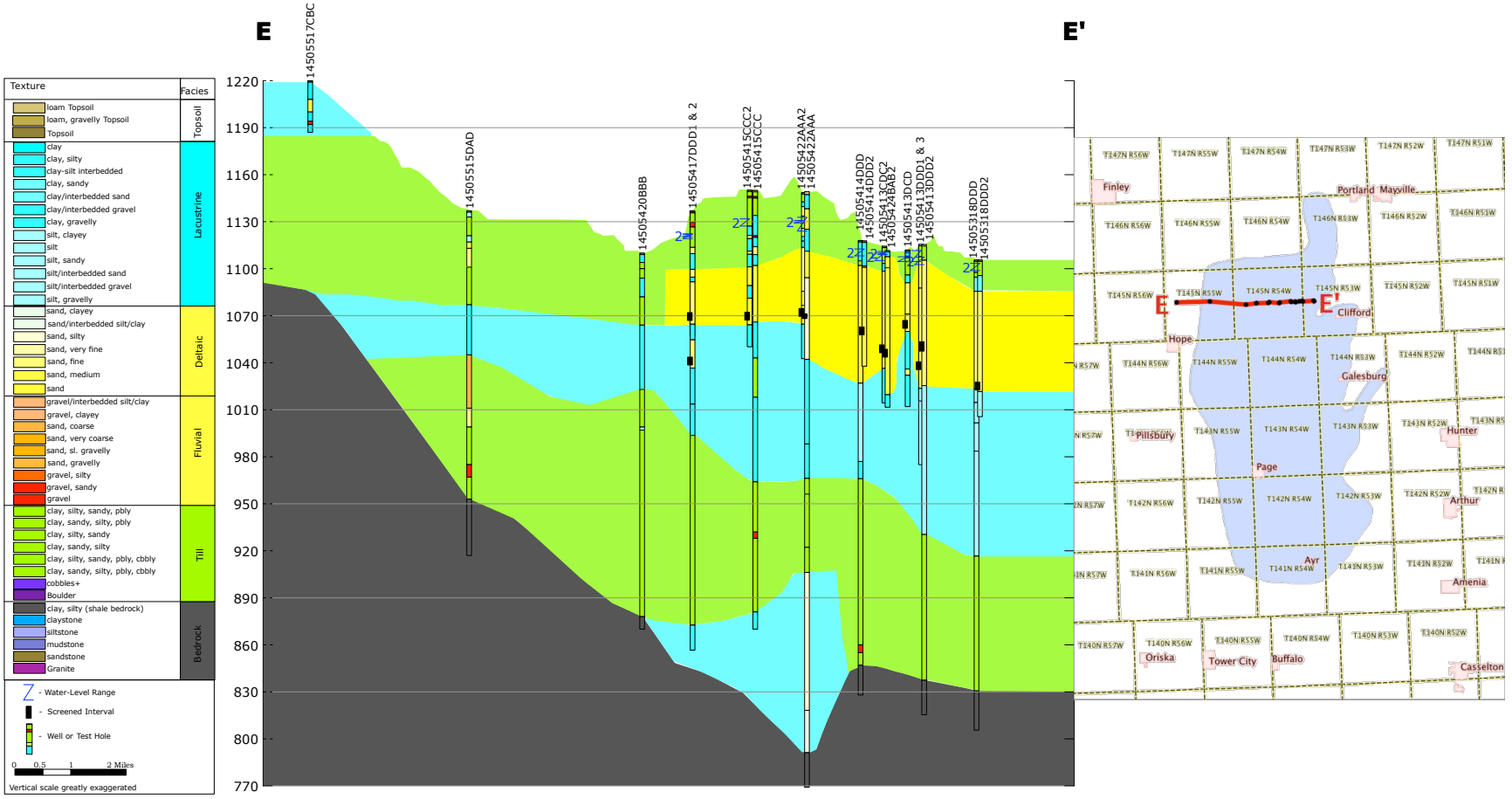

Figure B-6. -- Hydrogeologic section E-E'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

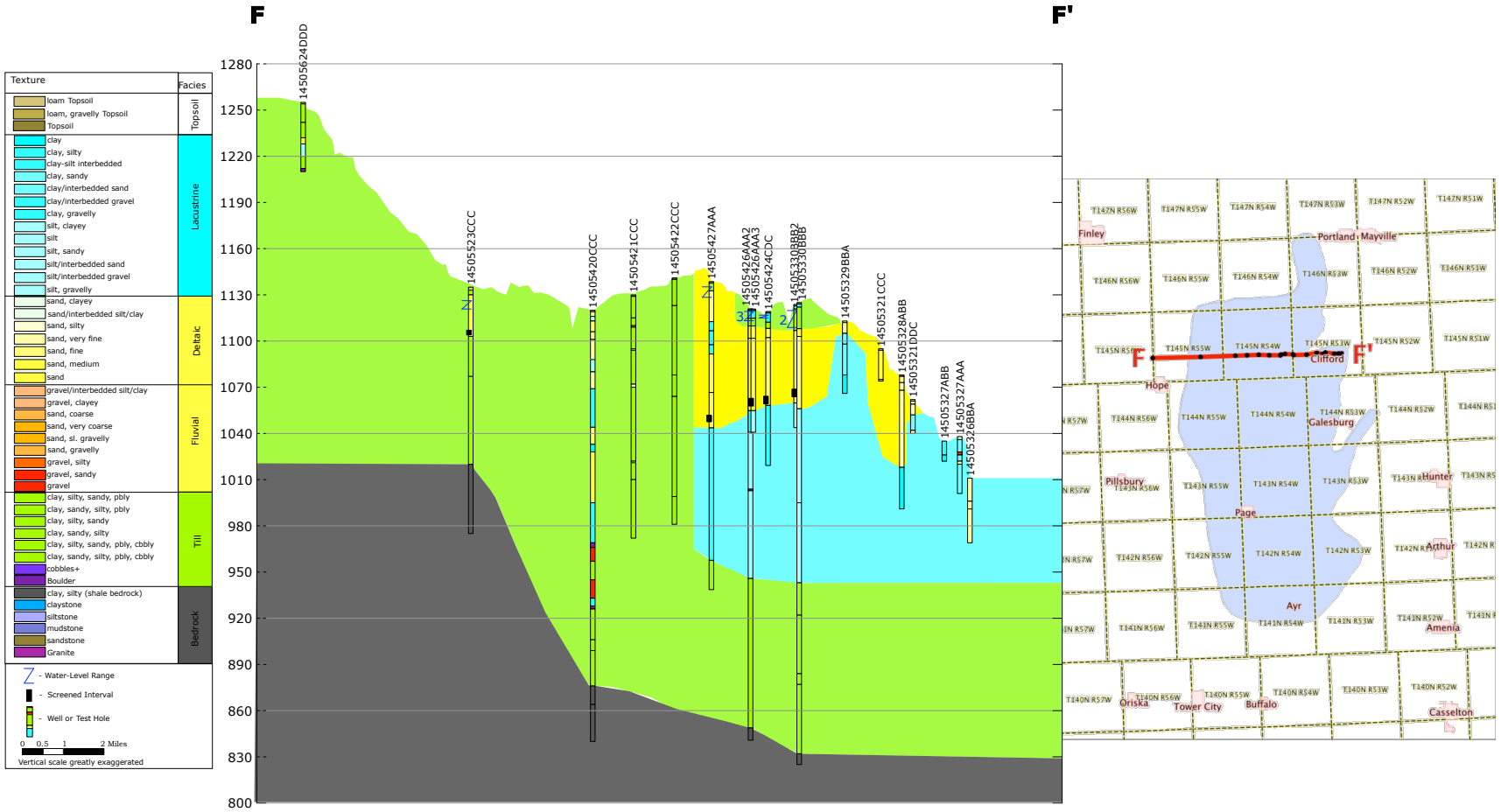

Figure B-7. -- Hydrogeologic section F-F'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

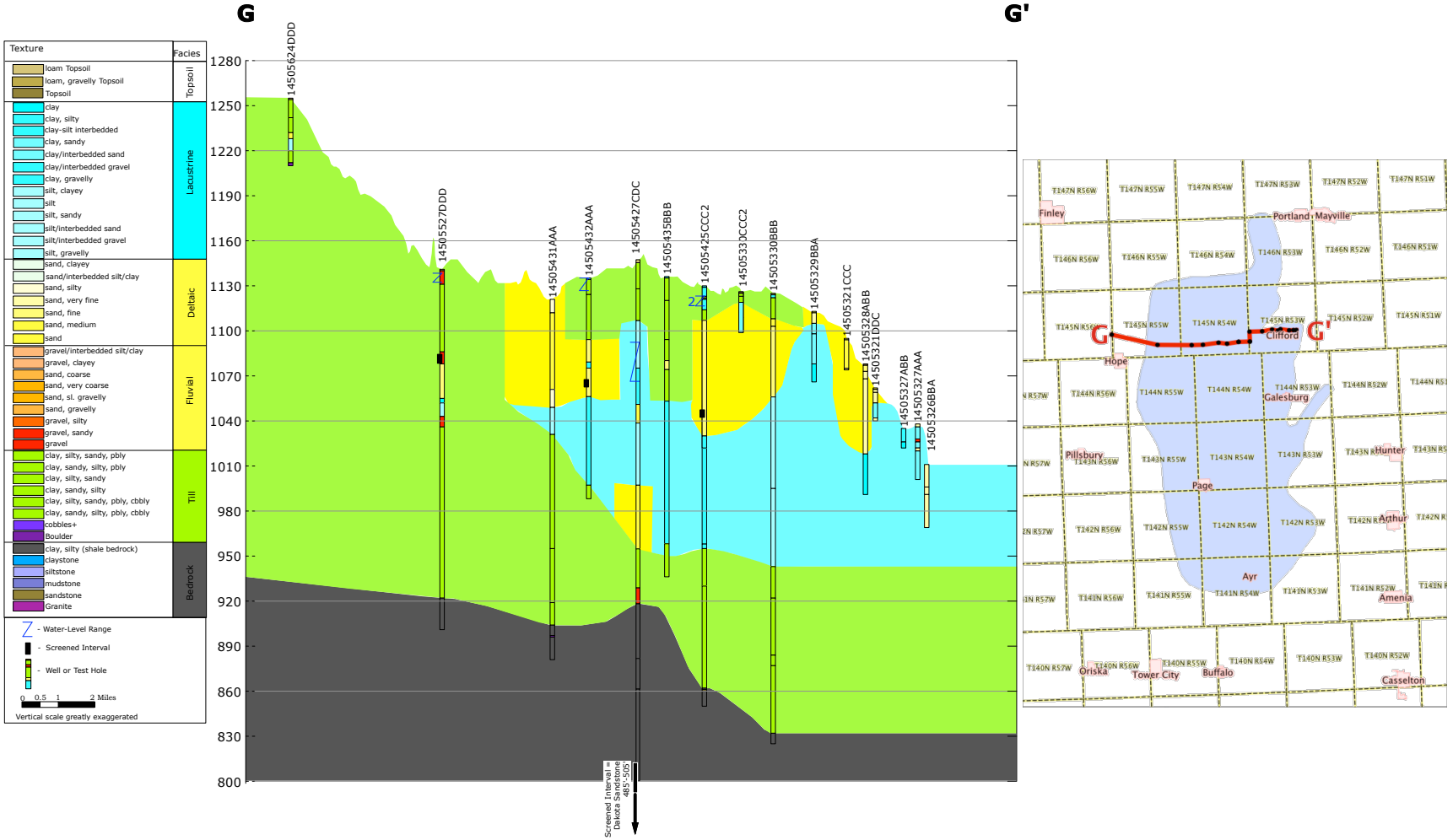

Figure B-8. -- Hydrogeologic section G-G'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

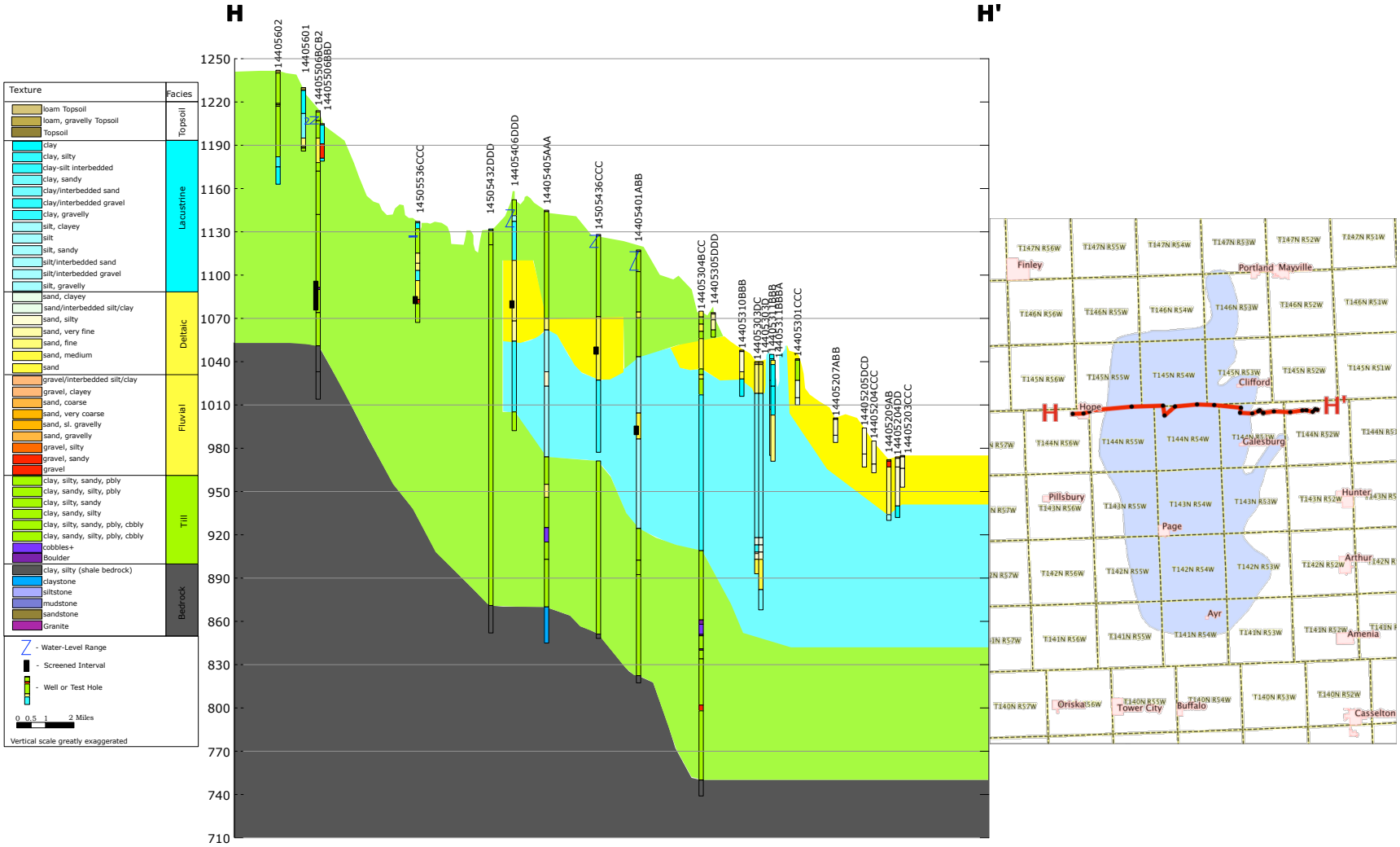

Figure B-9. -- Hydrogeologic section H-H'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

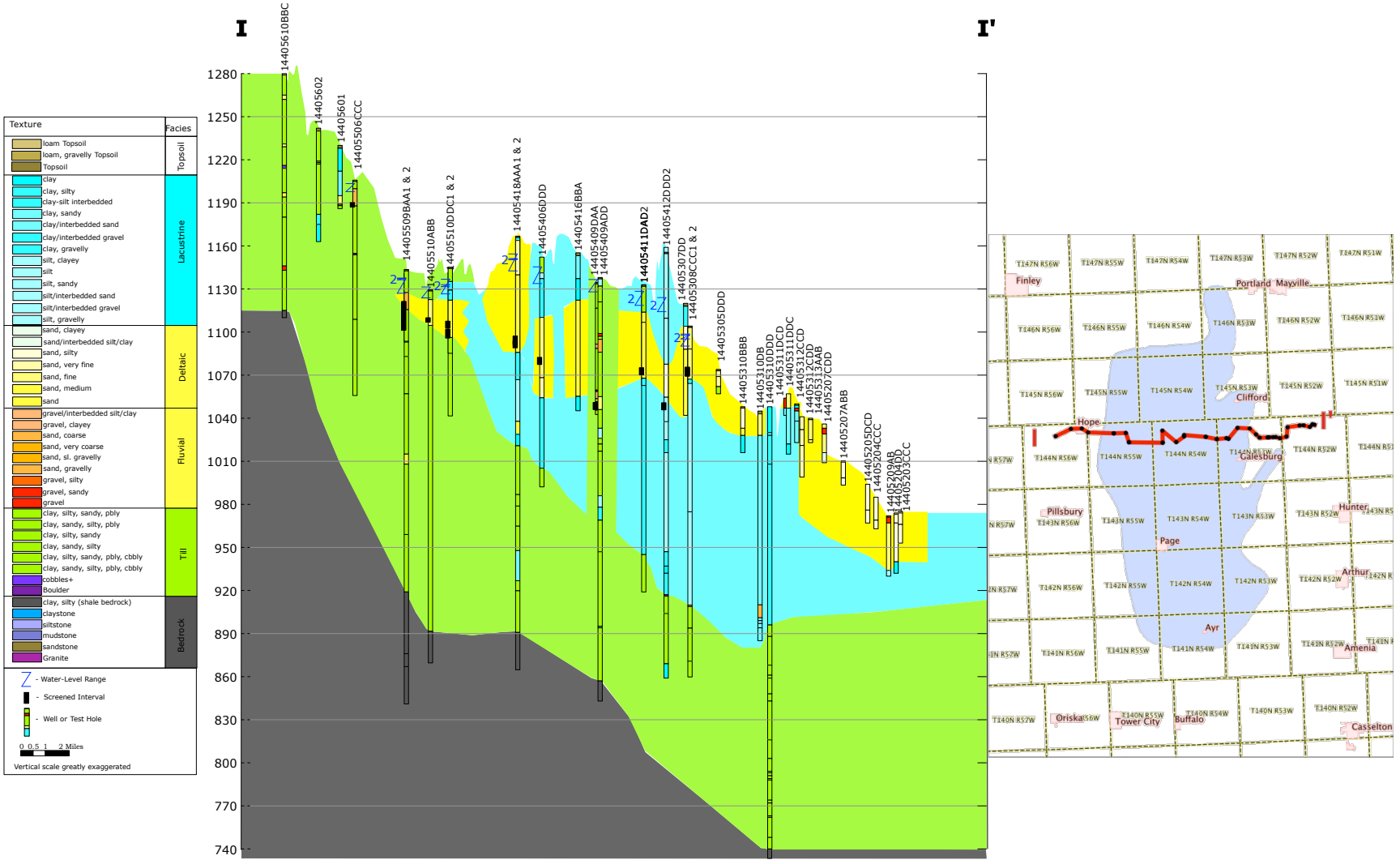

Figure B-10. -- Hydrogeologic section I-I'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

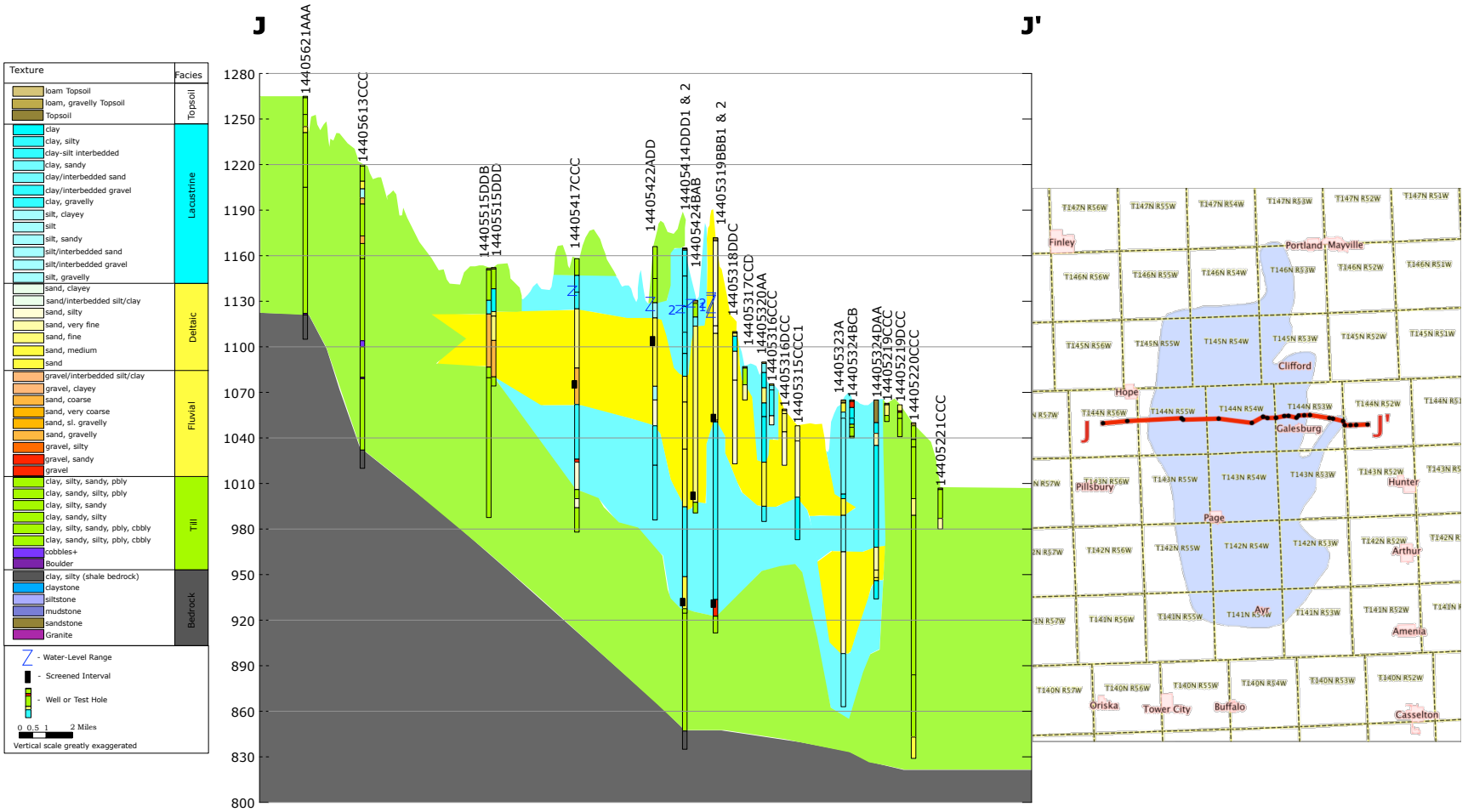

Figure B-11. -- Hydrogeologic section J-J'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

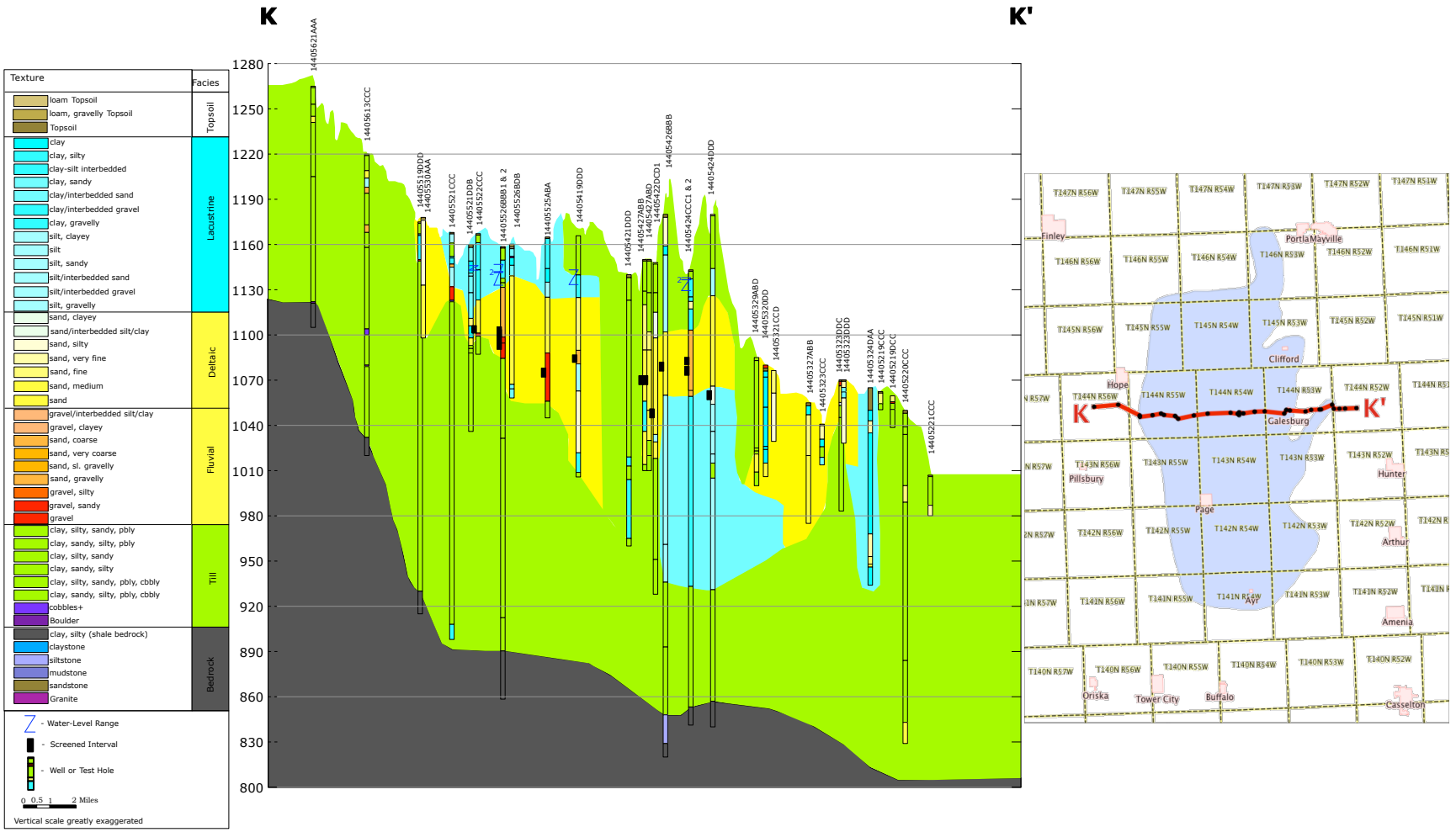

Figure B-12. -- Hydrogeologic section K-K'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

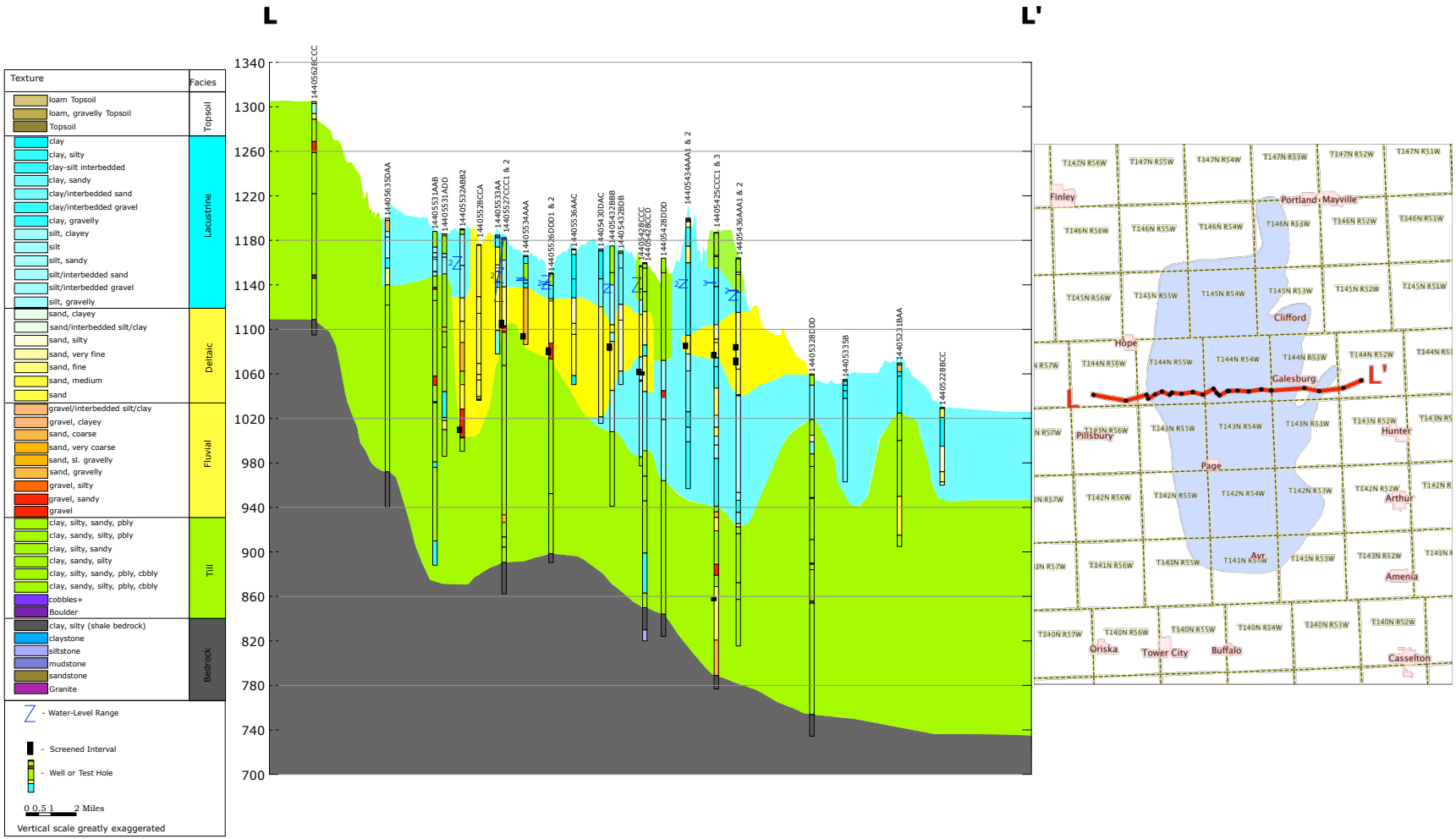

Figure B-13. -- Hydrogeologic section L-L'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

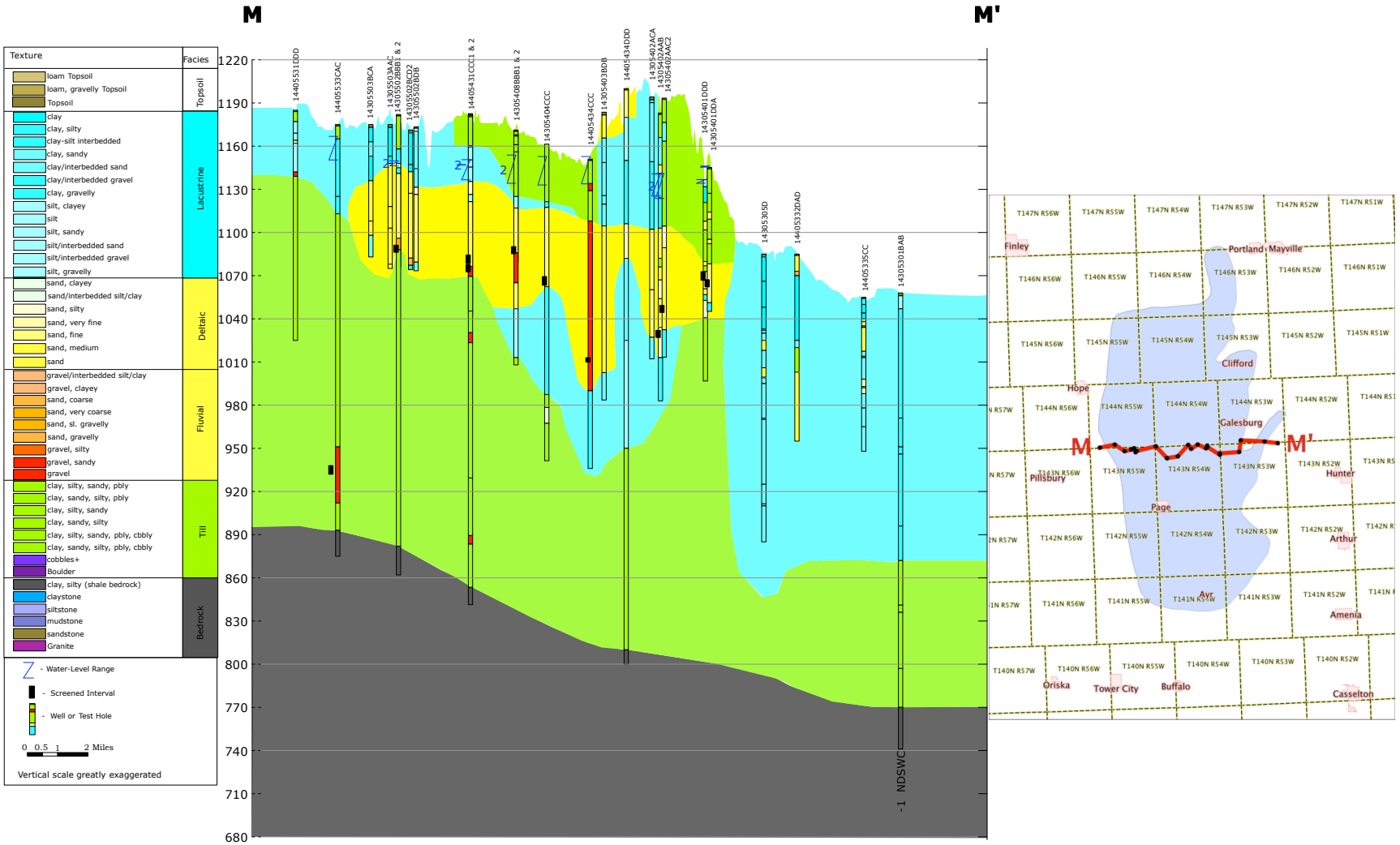

Figure B-14. -- Hydrogeologic section M-M'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

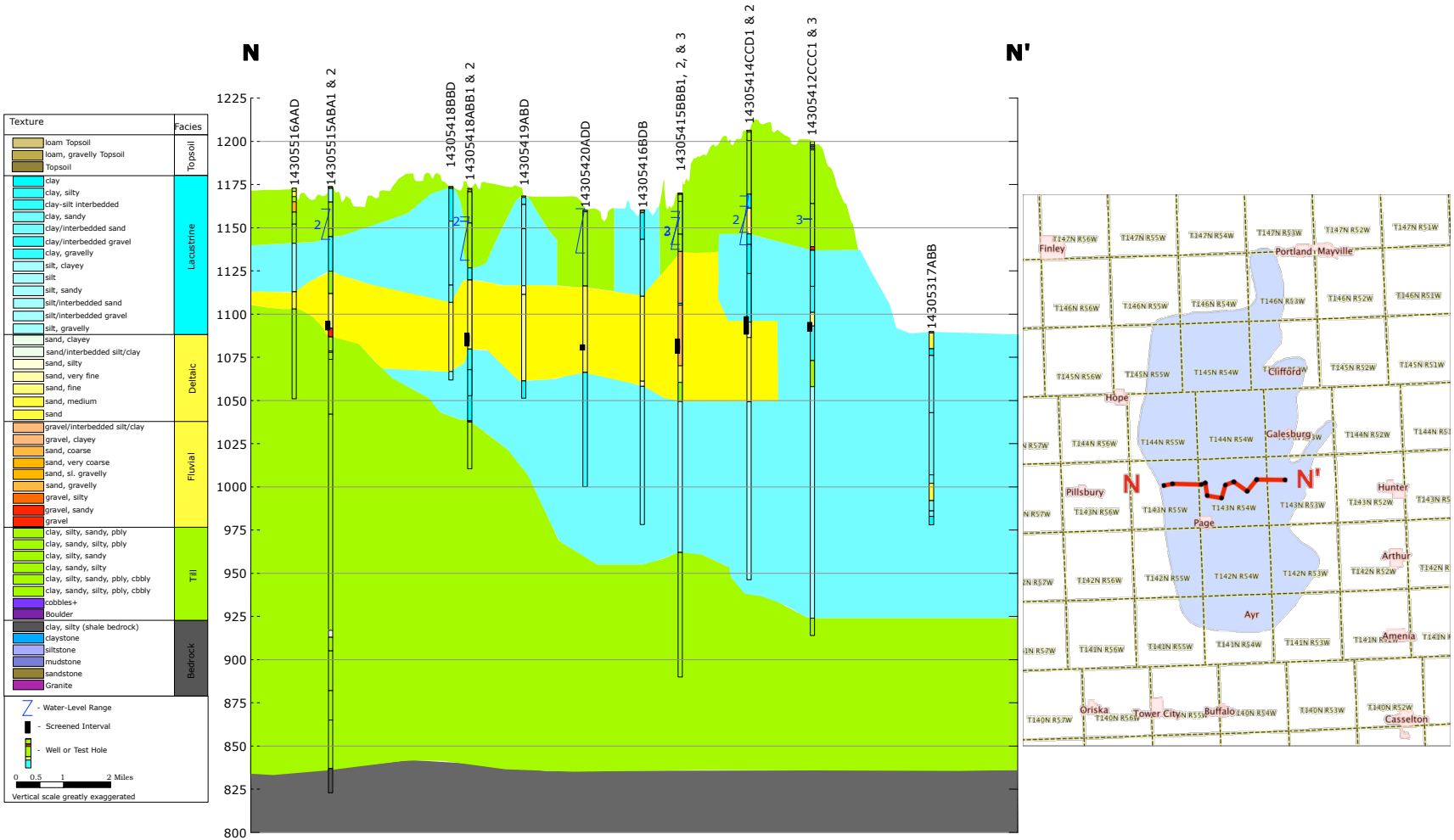

Figure B-15. -- Hydrogeologic section N-N'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

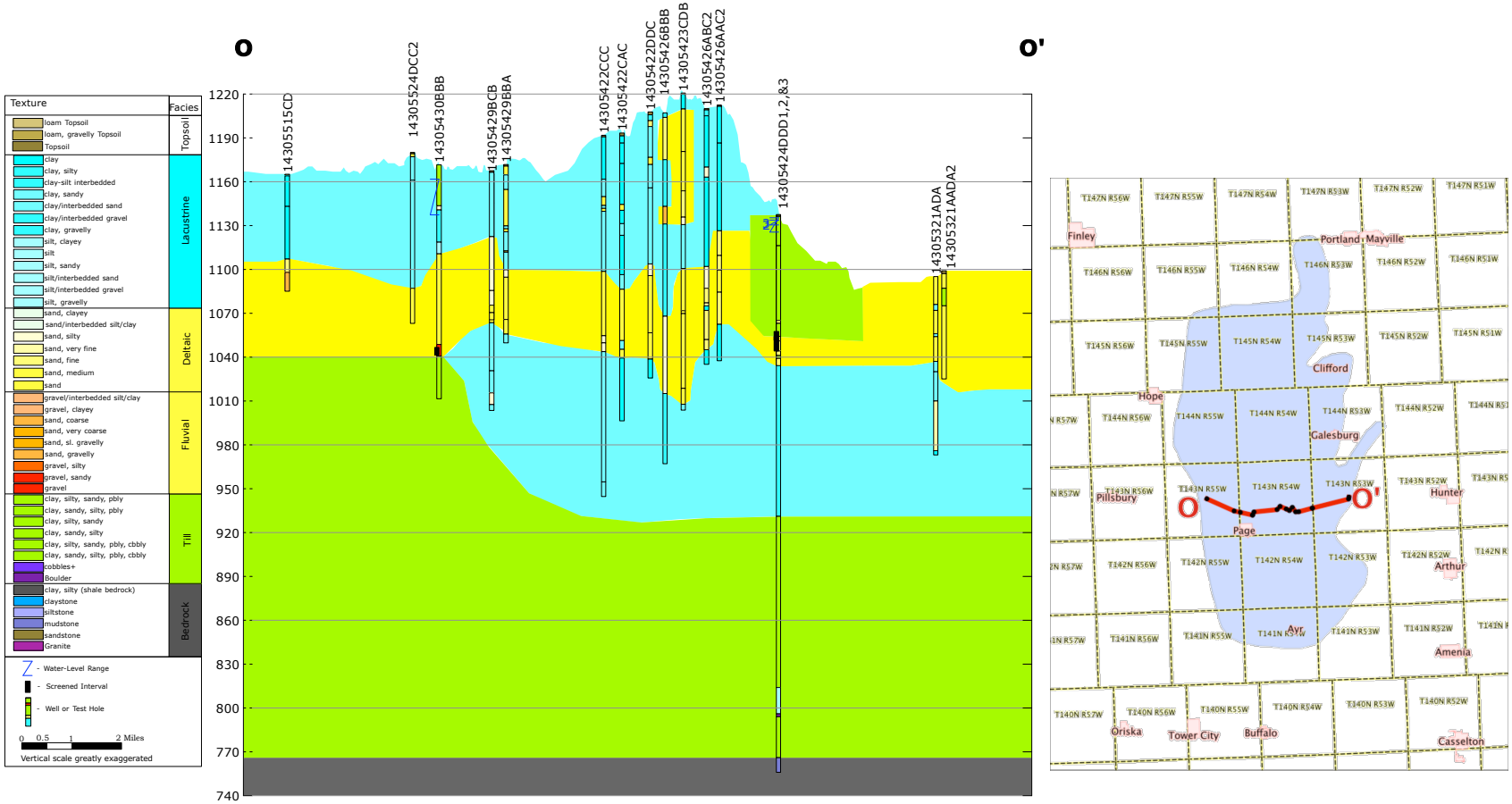

Figure B-16. -- Hydrogeologic section O-O'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

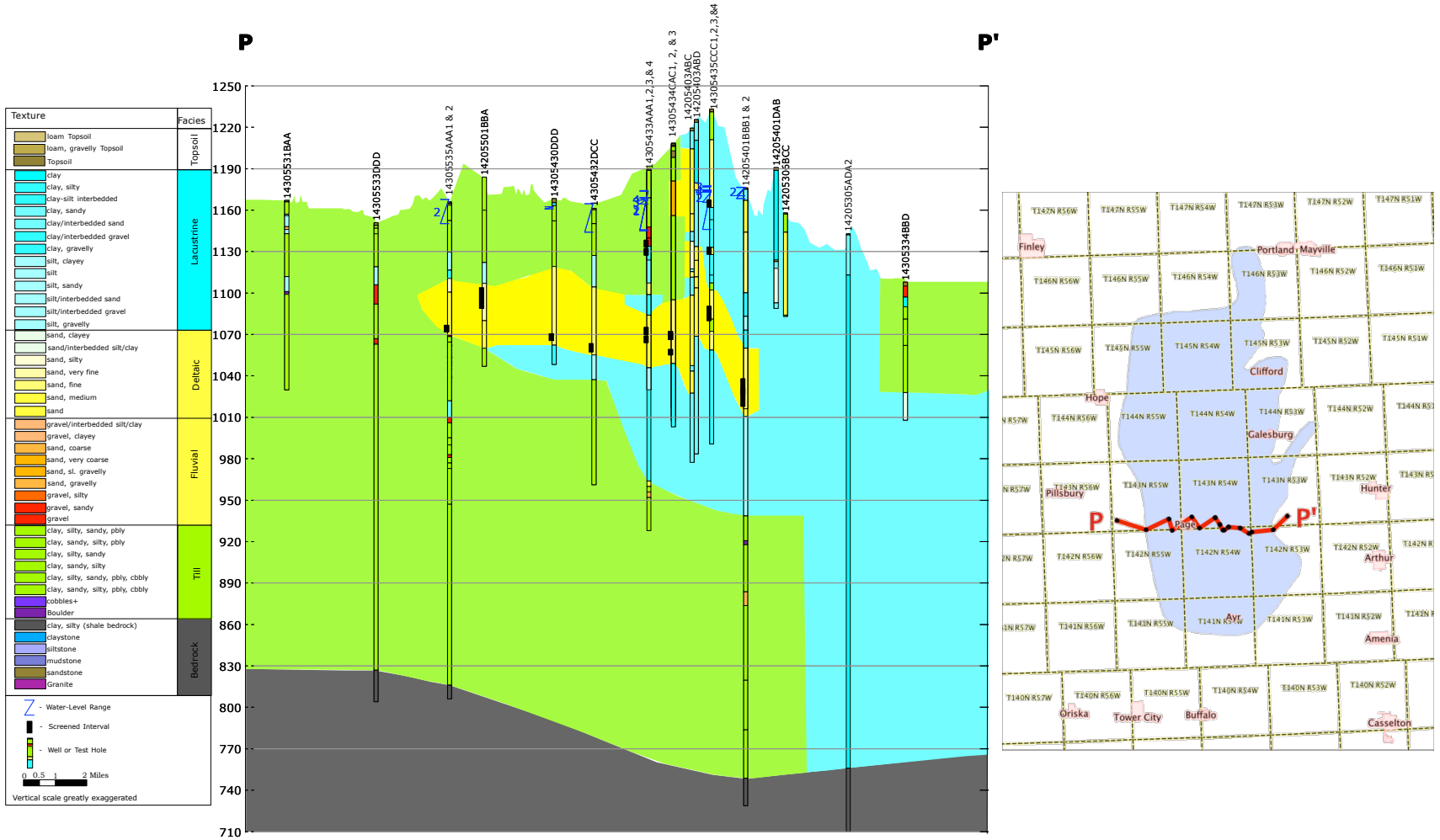

Figure B-17. -- Hydrogeologic section P-P'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

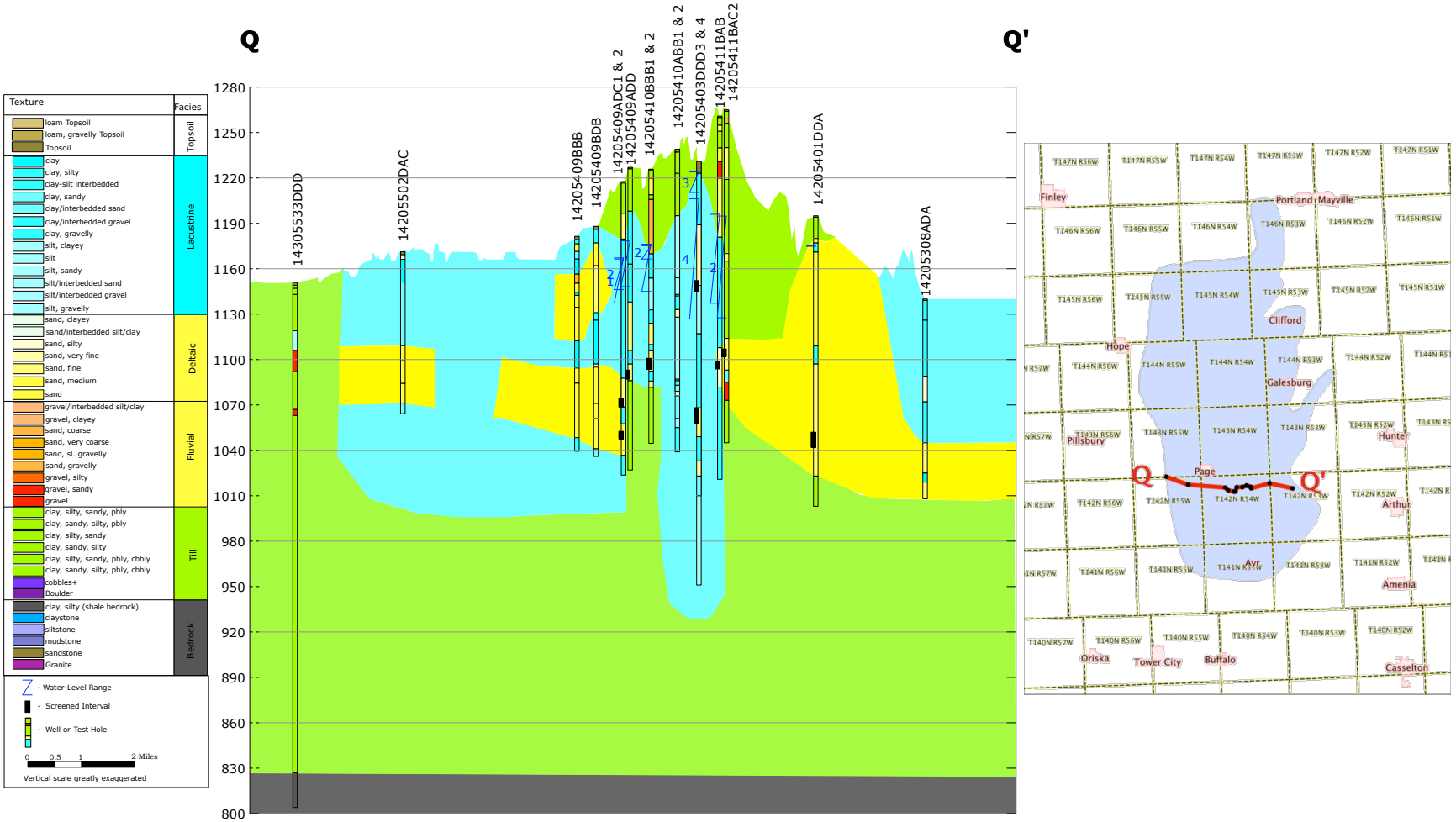

Figure B-18. -- Hydrogeologic section Q-Q'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

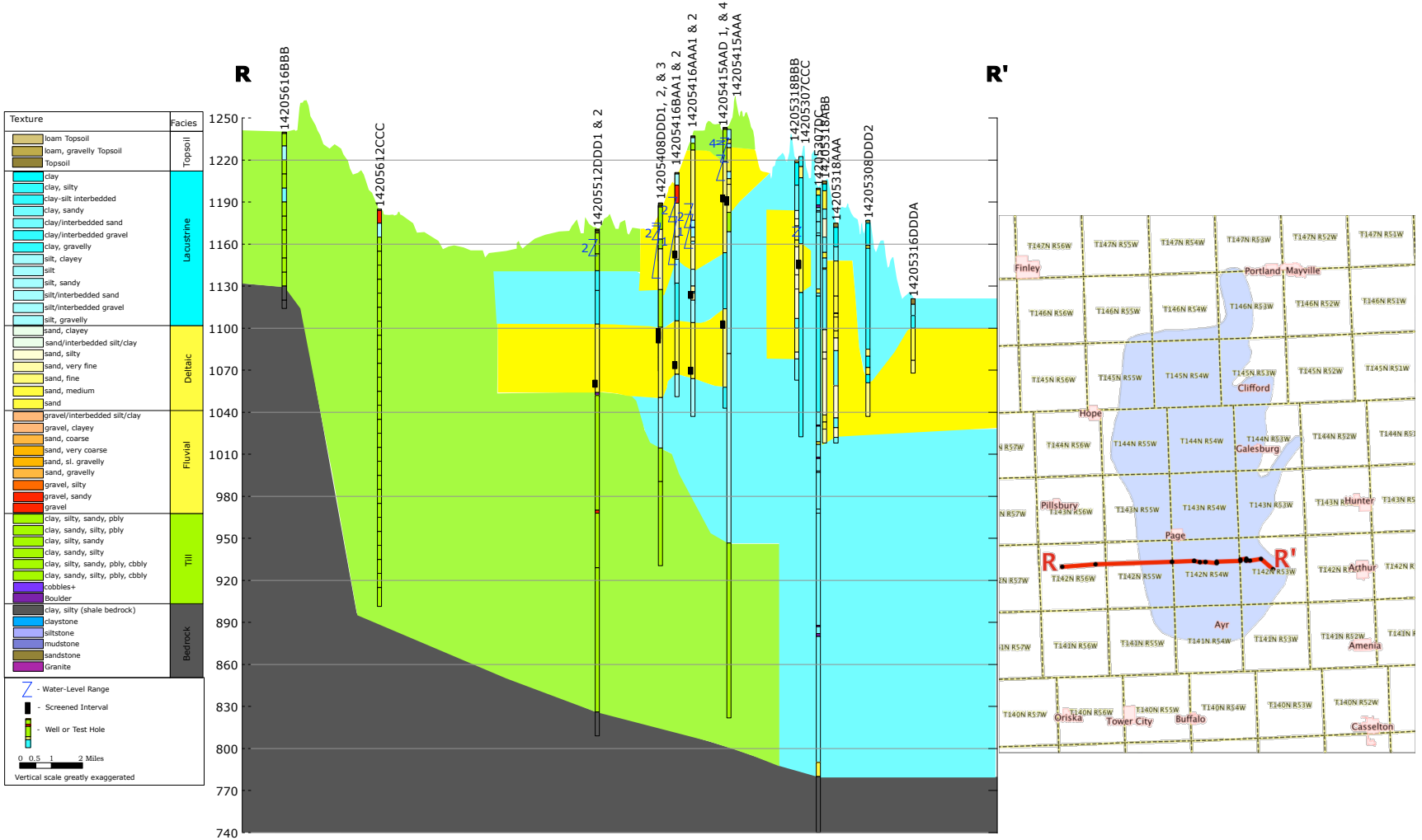

Figure B-19. -- Hydrogeologic section R-R'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

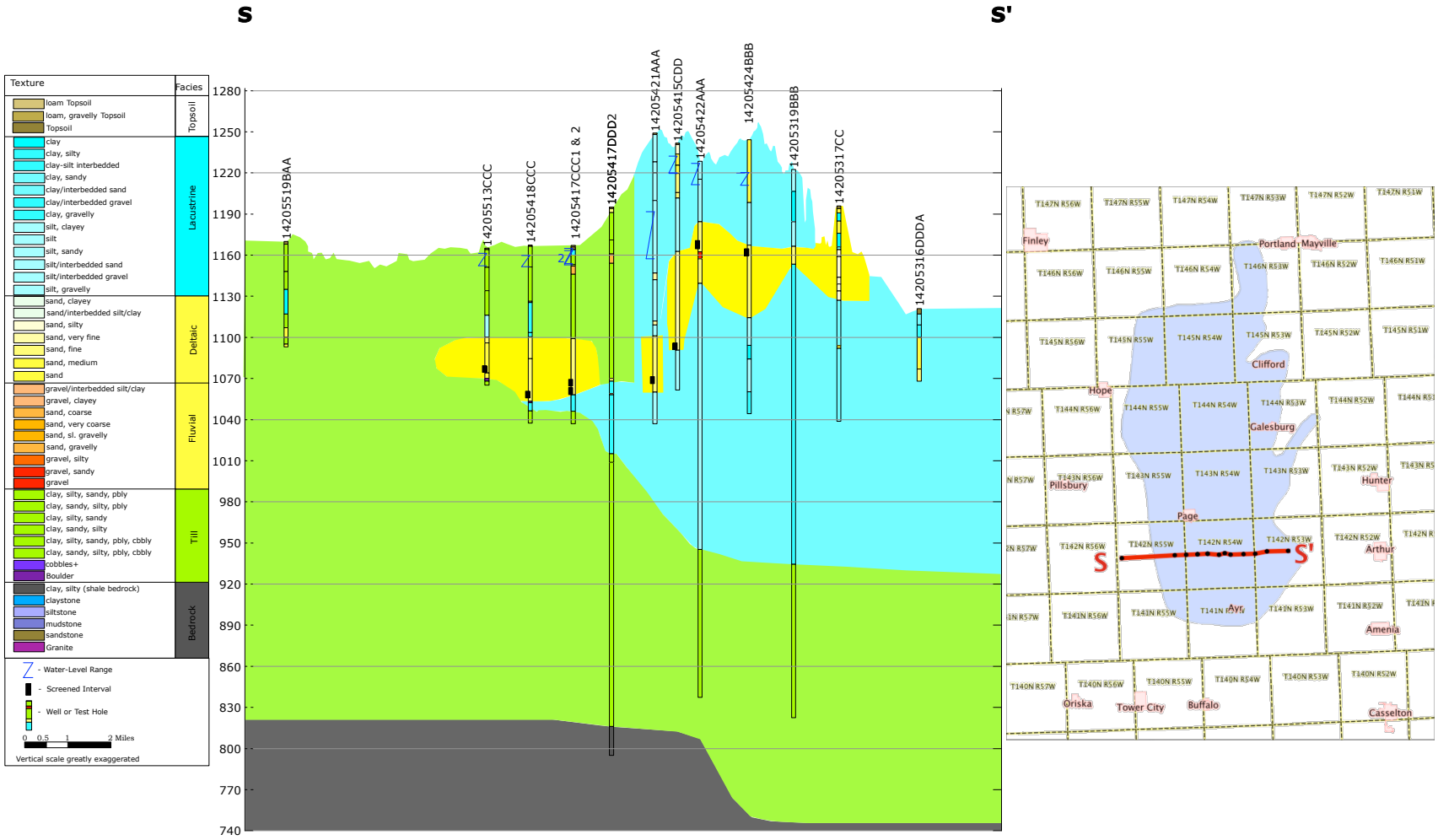

Figure B-20. -- Hydrogeologic section S-S'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

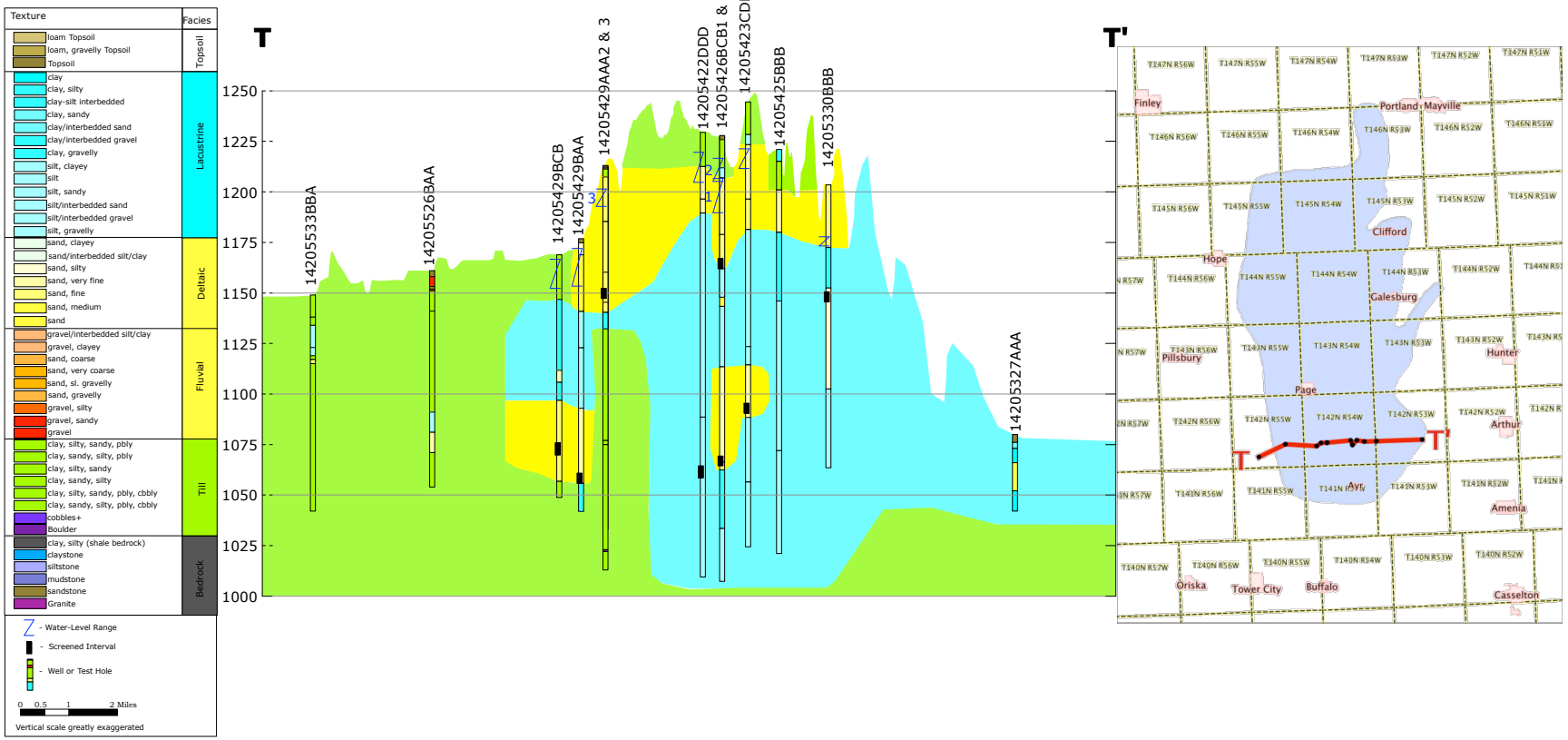

Figure B-21. -- Hydrogeologic section T-T'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

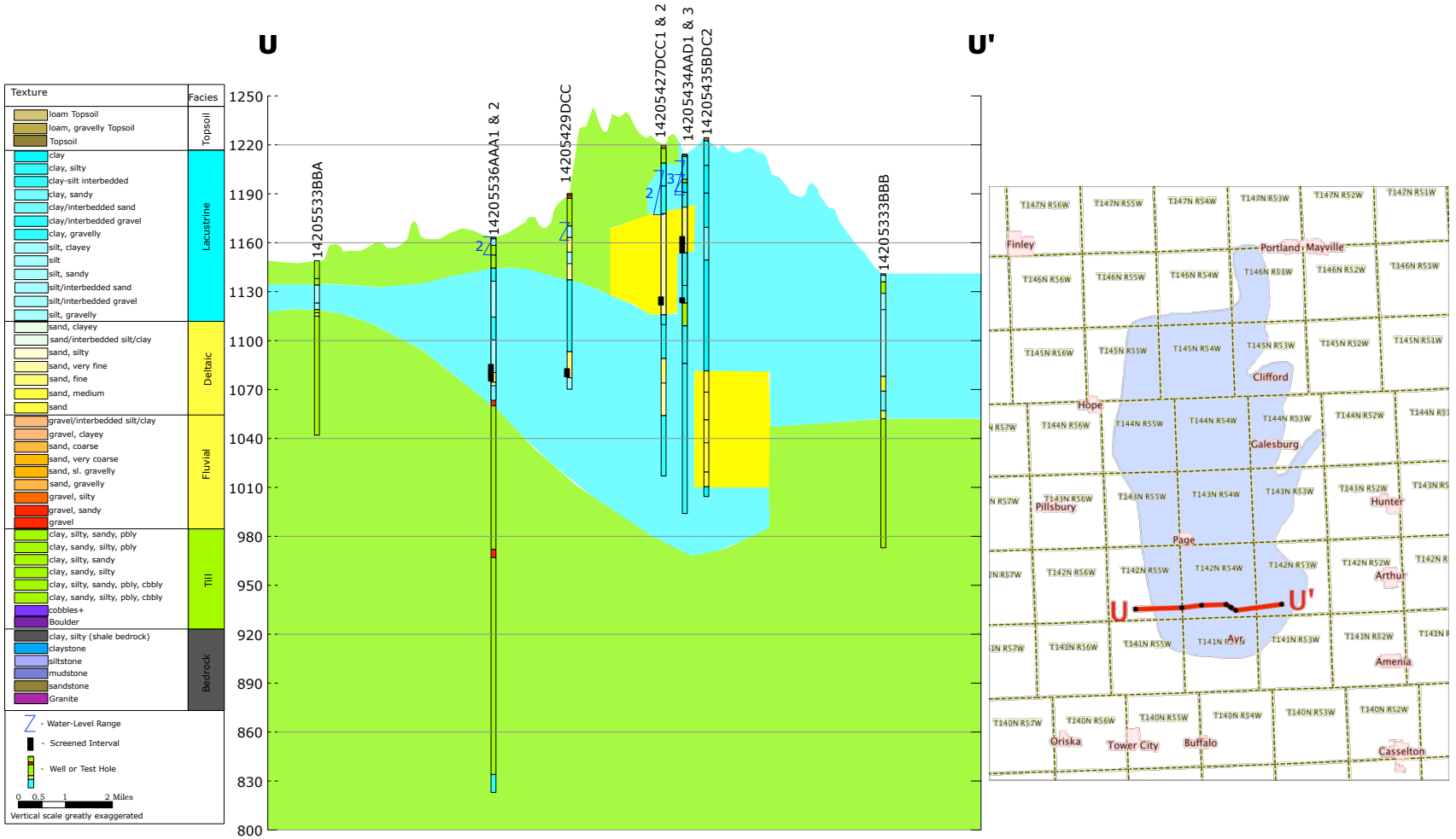

Figure B-22. -- Hydrogeologic section U-U'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

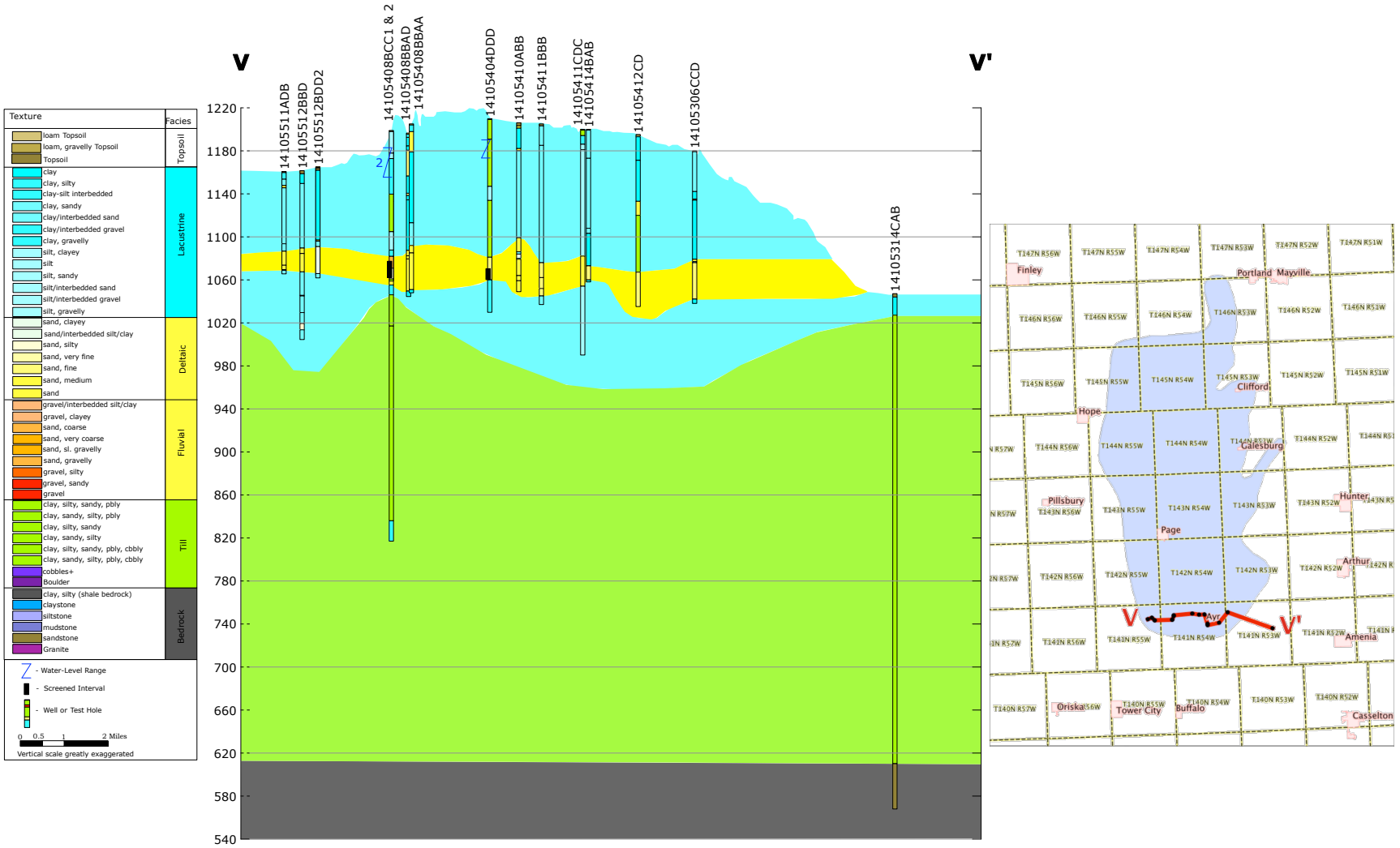

Figure B-23. -- Hydrogeologic section V-V'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

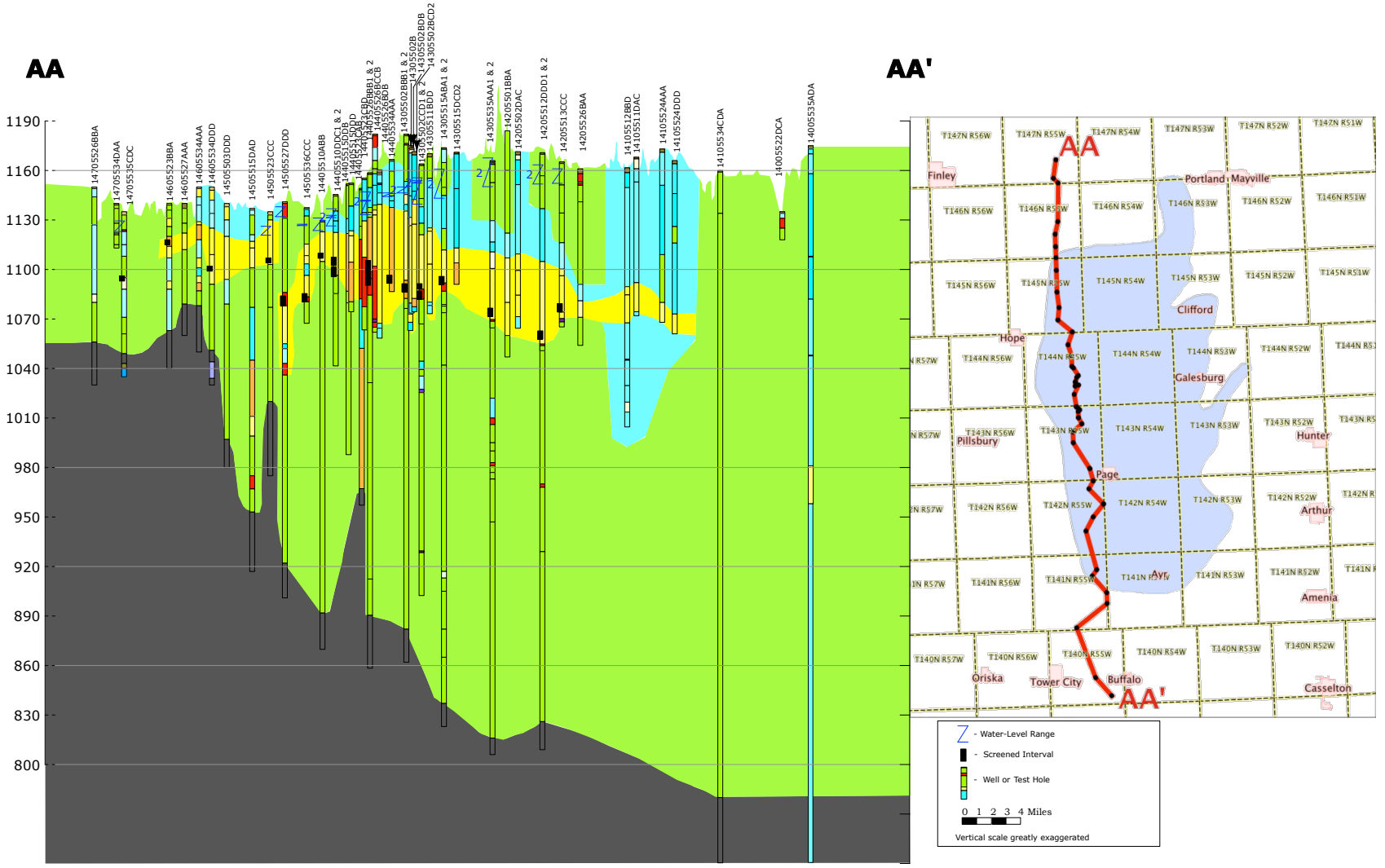

Figure B-24. -- Hydrogeologic section AA-AA'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

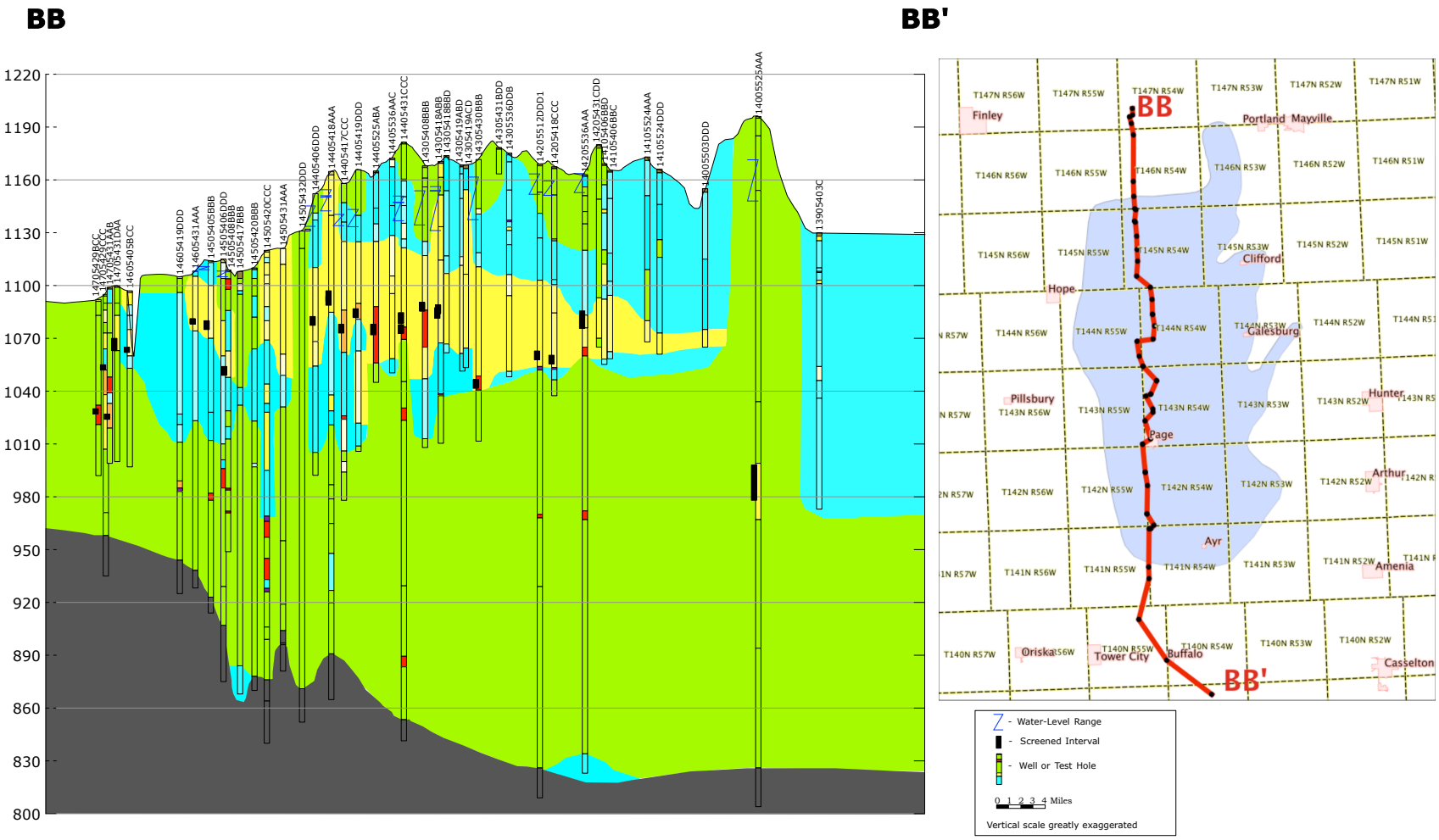

Figure B-25. -- Hydrogeologic section BB-BB'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

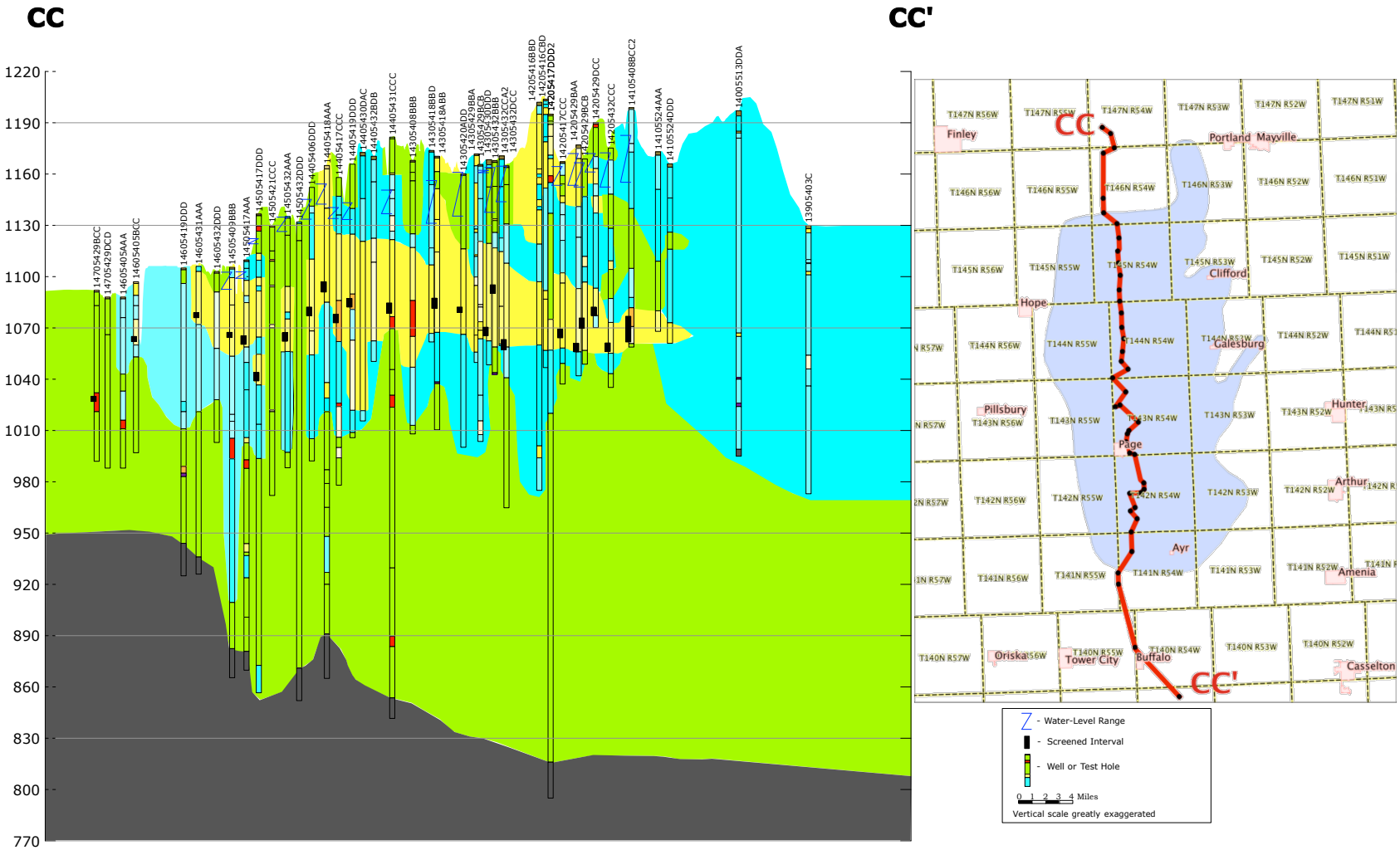

Figure B-26. -- Hydrogeologic section CC-CC'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

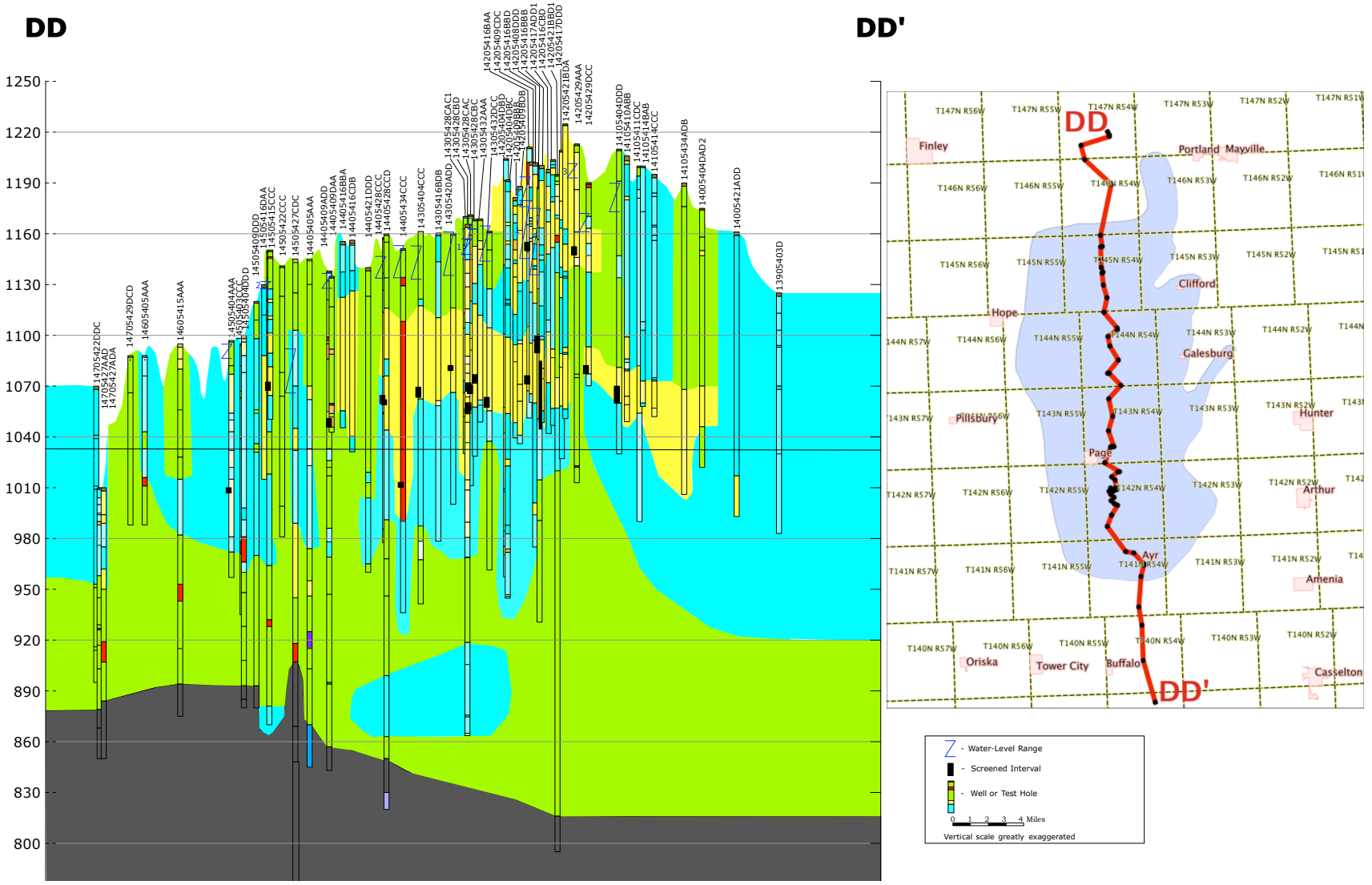

Figure B-27. -- Hydrogeologic section DD-DD'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

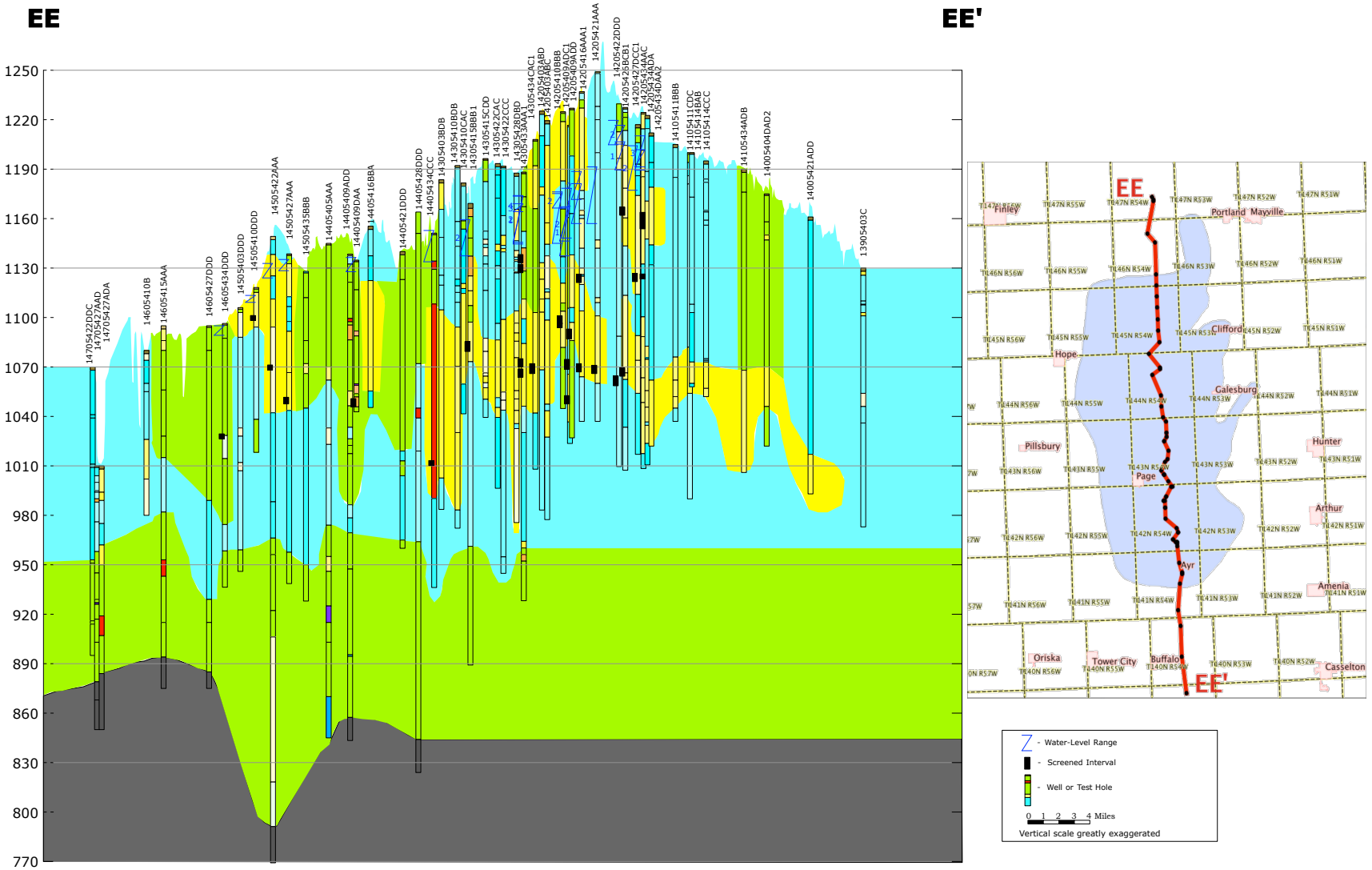

Figure B-28. -- Hydrogeologic section EE-EE'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

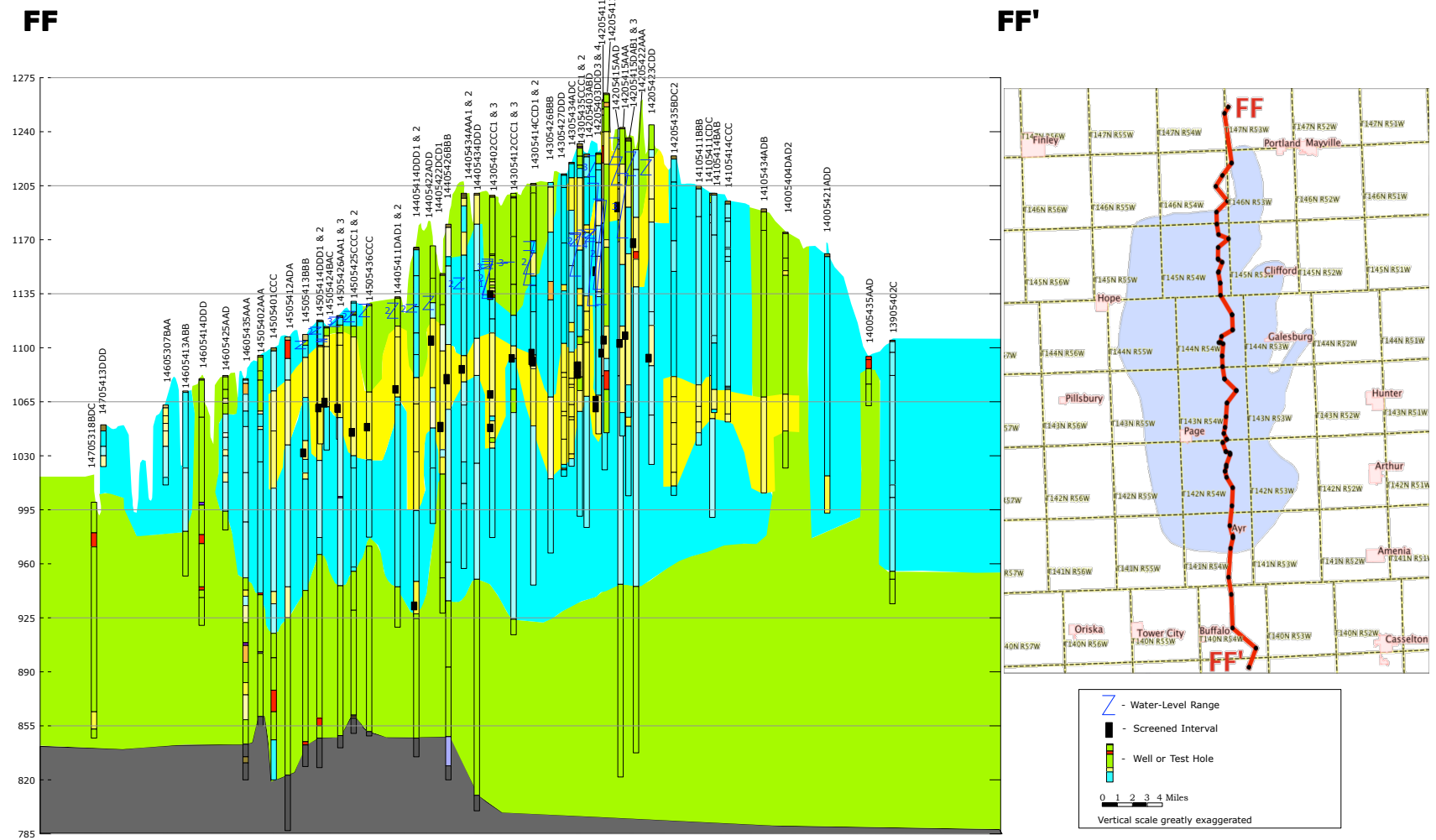

Figure B-29. -- Hydrogeologic section FF-FF'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

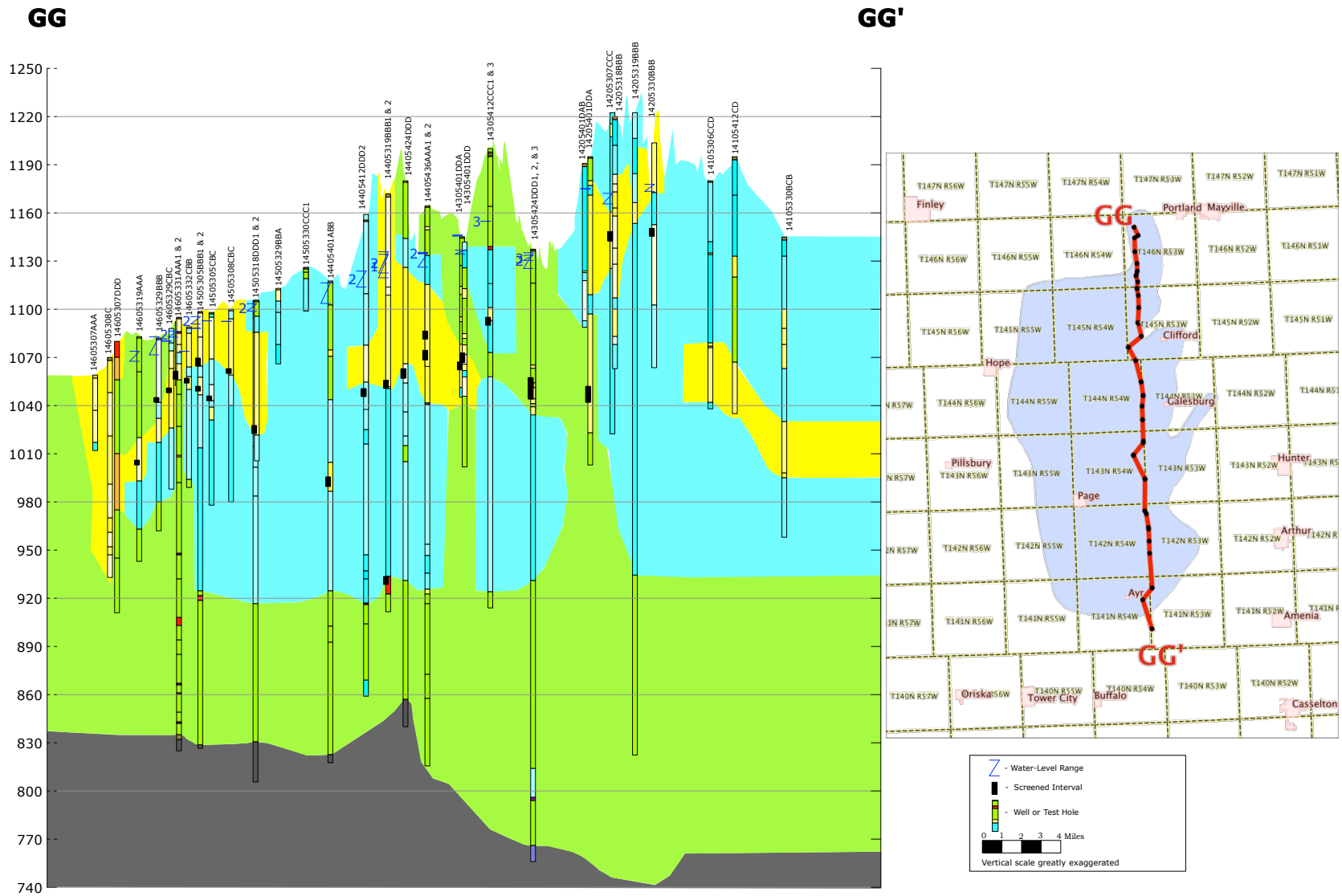

Figure B-30. -- Hydrogeologic section GG-GG'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

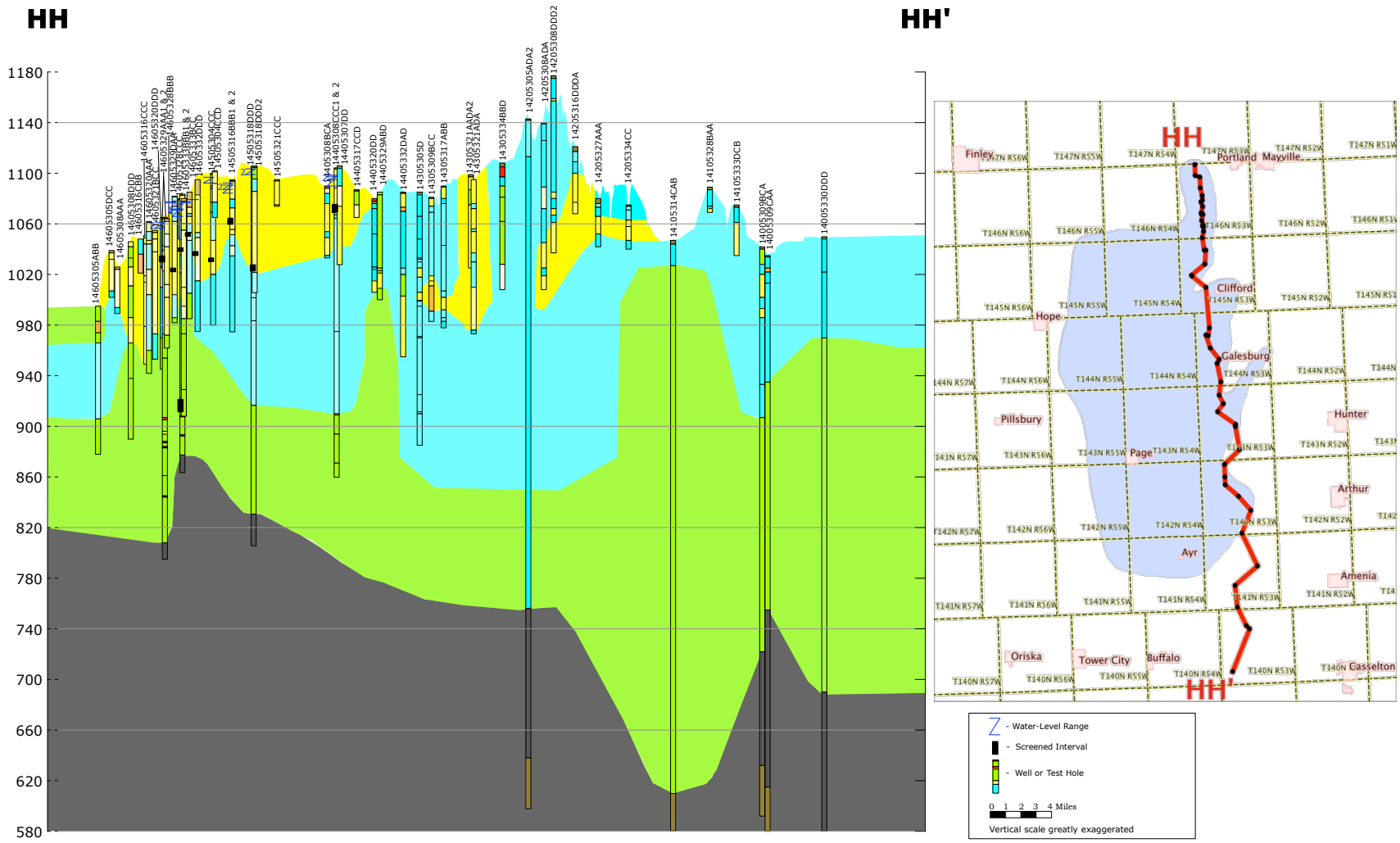

Figure B-31. -- Hydrogeologic section HH-HH'. [The texture of the aquifer sediments is displayed within the wells and test holes. The facies are display within the fill of the hydrogeologic section.]

Appendix C. - Lithofacies Maps

Lithofacies slices were generated at 5 foot intervals from an elevation of 920 feet to an elevation of 1220 feet mean sea level. This was done by generating point shape files from lithologic logs and converting them into polygon shape files using the Thiessen polygon method. In the legend there is a symbol (tan) with the label "Below", this indicates there is no data at this elevation because it is below the bottom of the well or test hole in this area. Also in the legend there is a symbol (light brown) with the label "Above", this indicates that this elevation is above land surface in this area. All the shades of gray and black are marine shales from the cretaceous period. Aquifer sediments are represented by "deltaic sand" (royal blue), "fluvial sand and gravel" (dark blue) and medium sand to gravel (reddish orange) within the lithofacies maps. Areas defined as fluvial sand and gravel (dark blue) were typically from contractor logs with, in some cases, ambiguous descriptions of sediments. The areas defined as "deltaic sand" (royal blue) or medium sand to gravel (reddish orange) were typically geologist logs written with more detail. The light blue polygons represent lacustrine silts and clays, and white represents till.

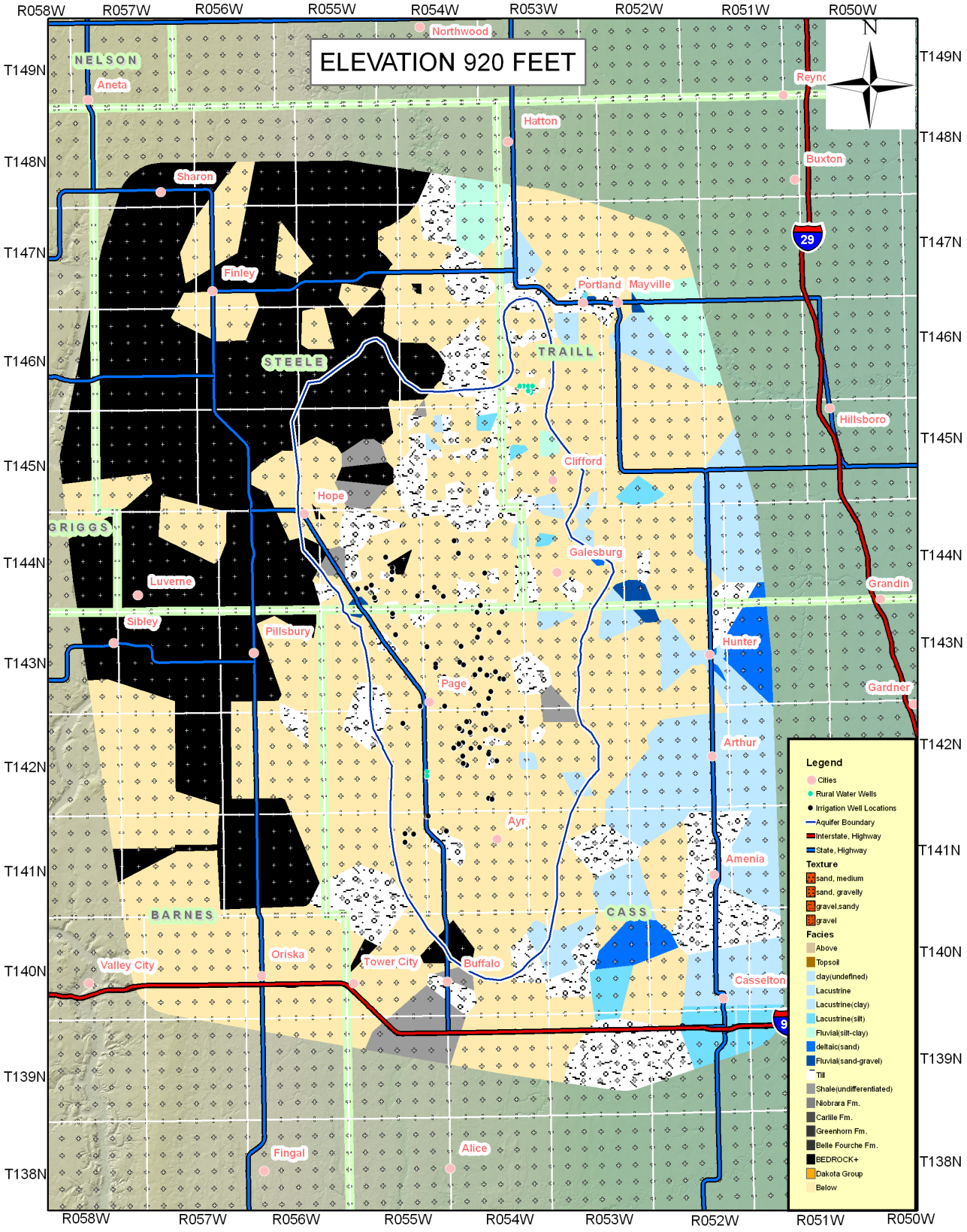

Figure C-1. -- Lithofacies slice at elevation 920 feet.

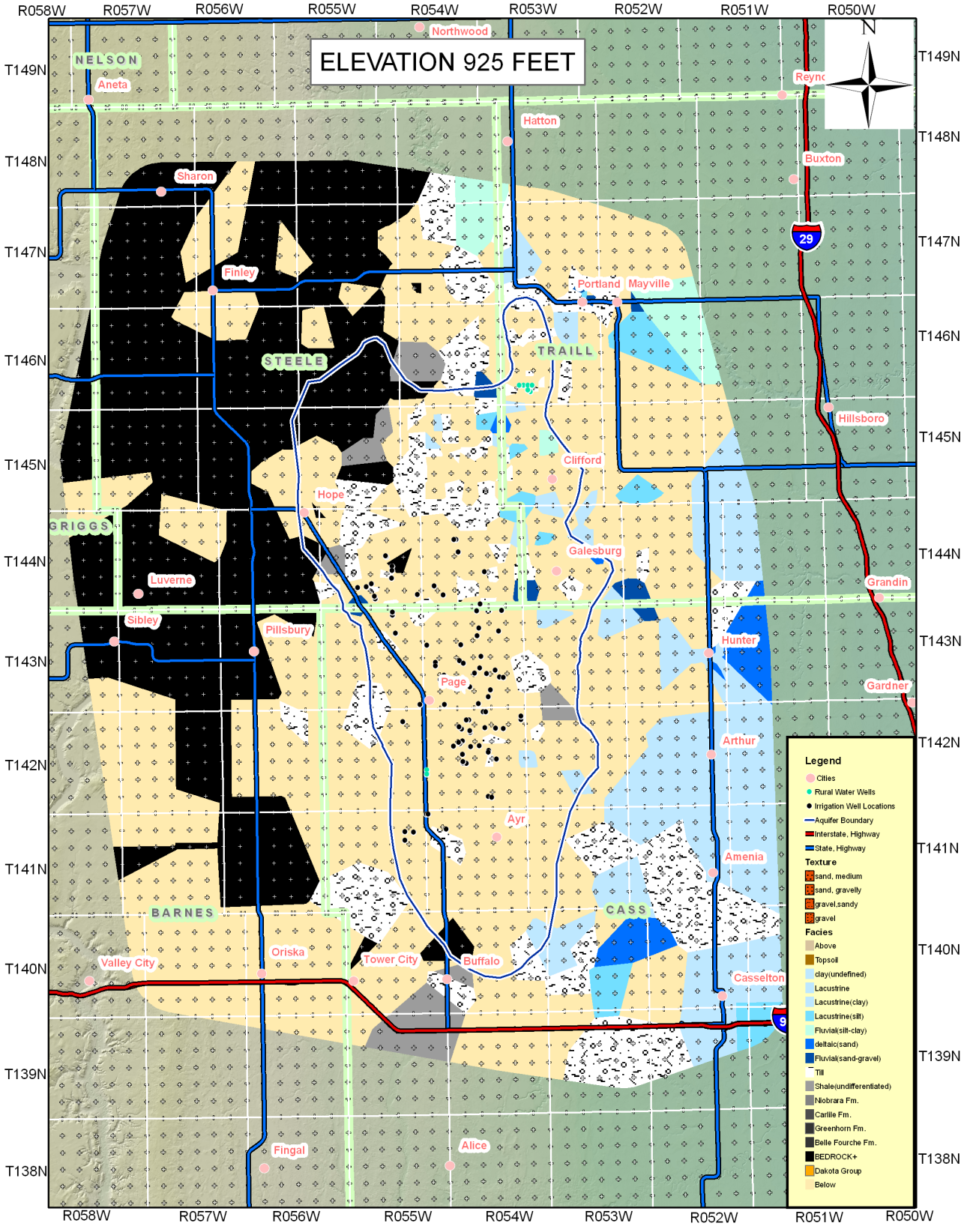

Figure C-2. -- Lithofacies slice at elevation 925 feet.

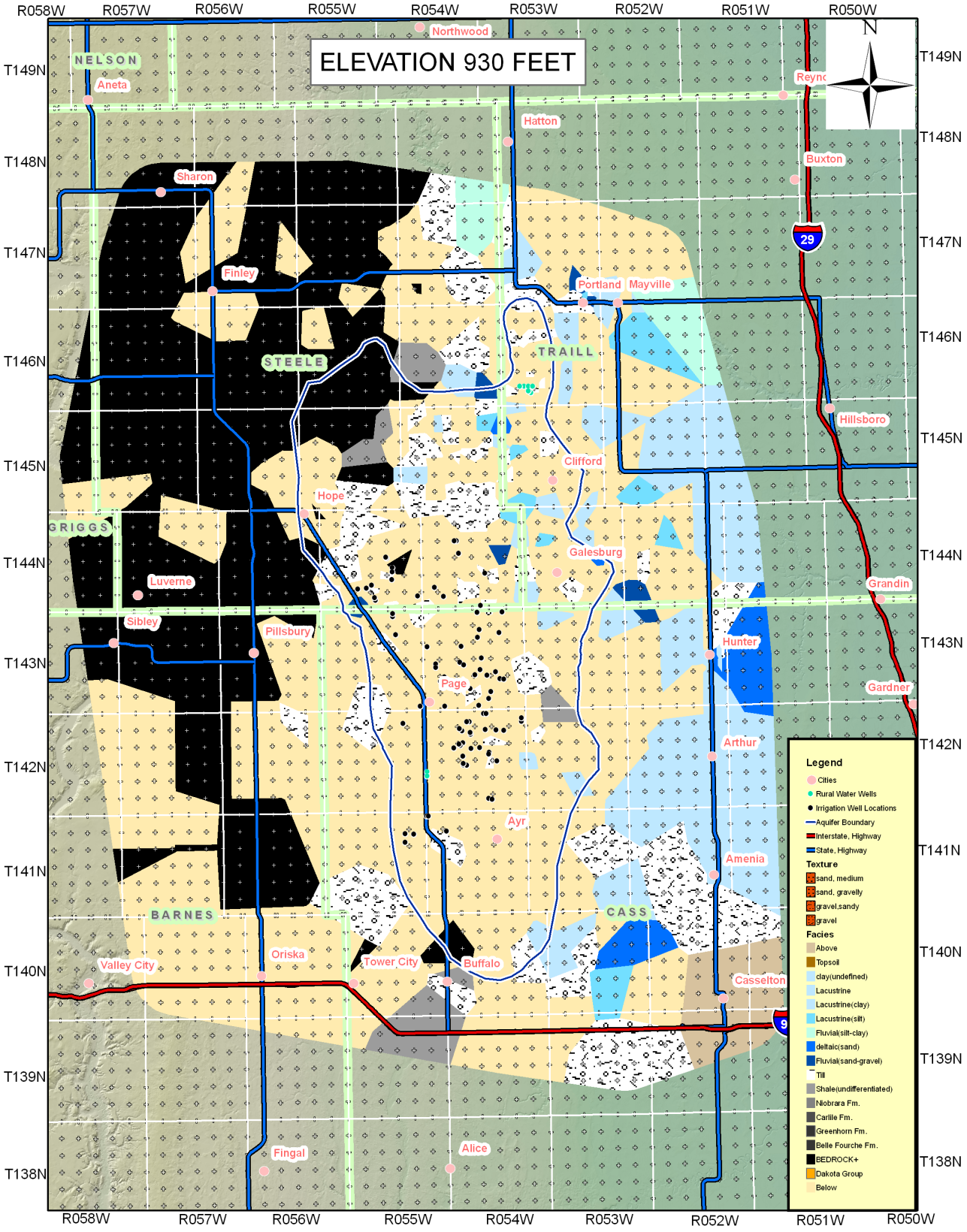

Figure C-3. -- Lithofacies slice at elevation 930 feet.

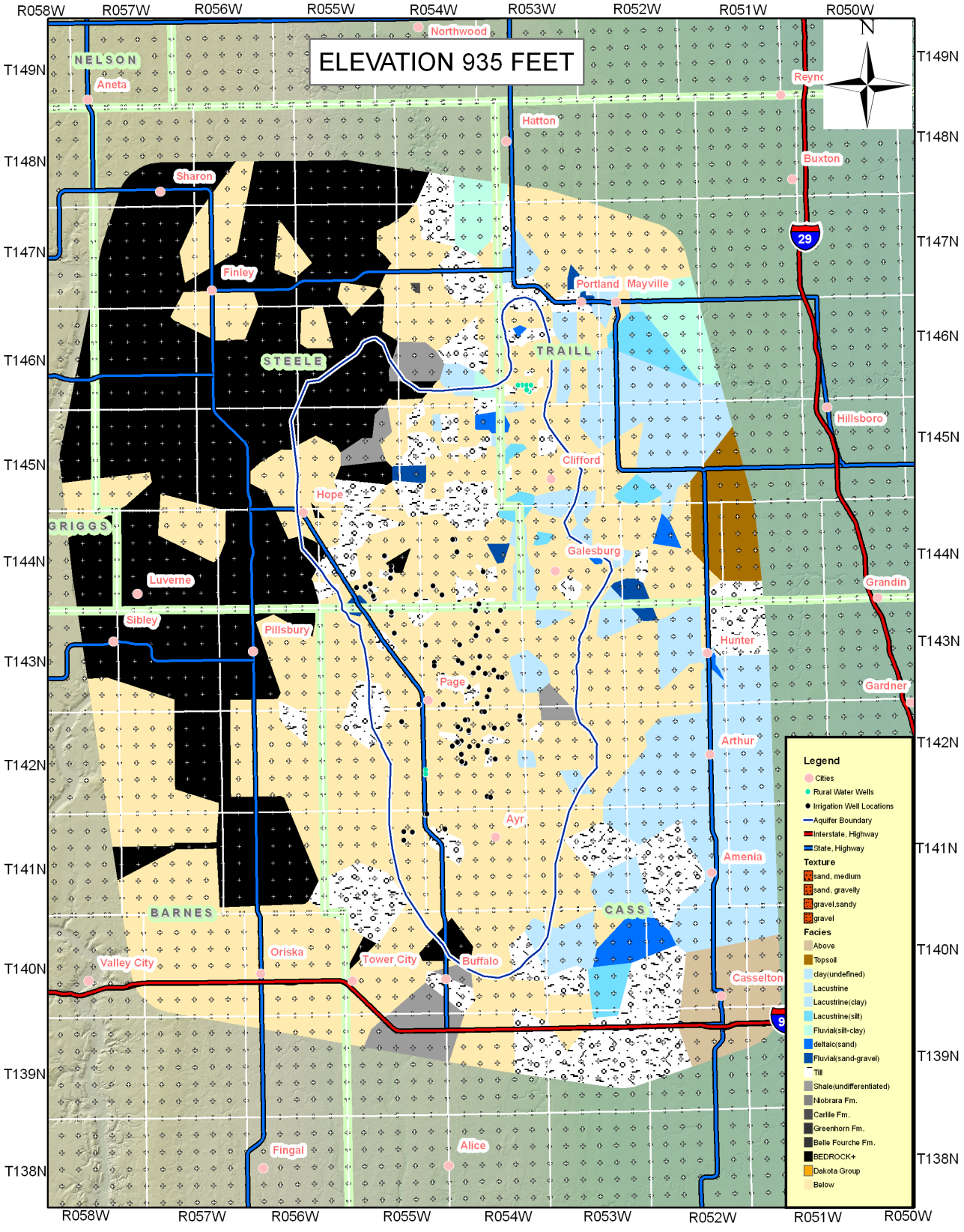

Figure C-4. -- Lithofacies slice at elevation 935 feet.

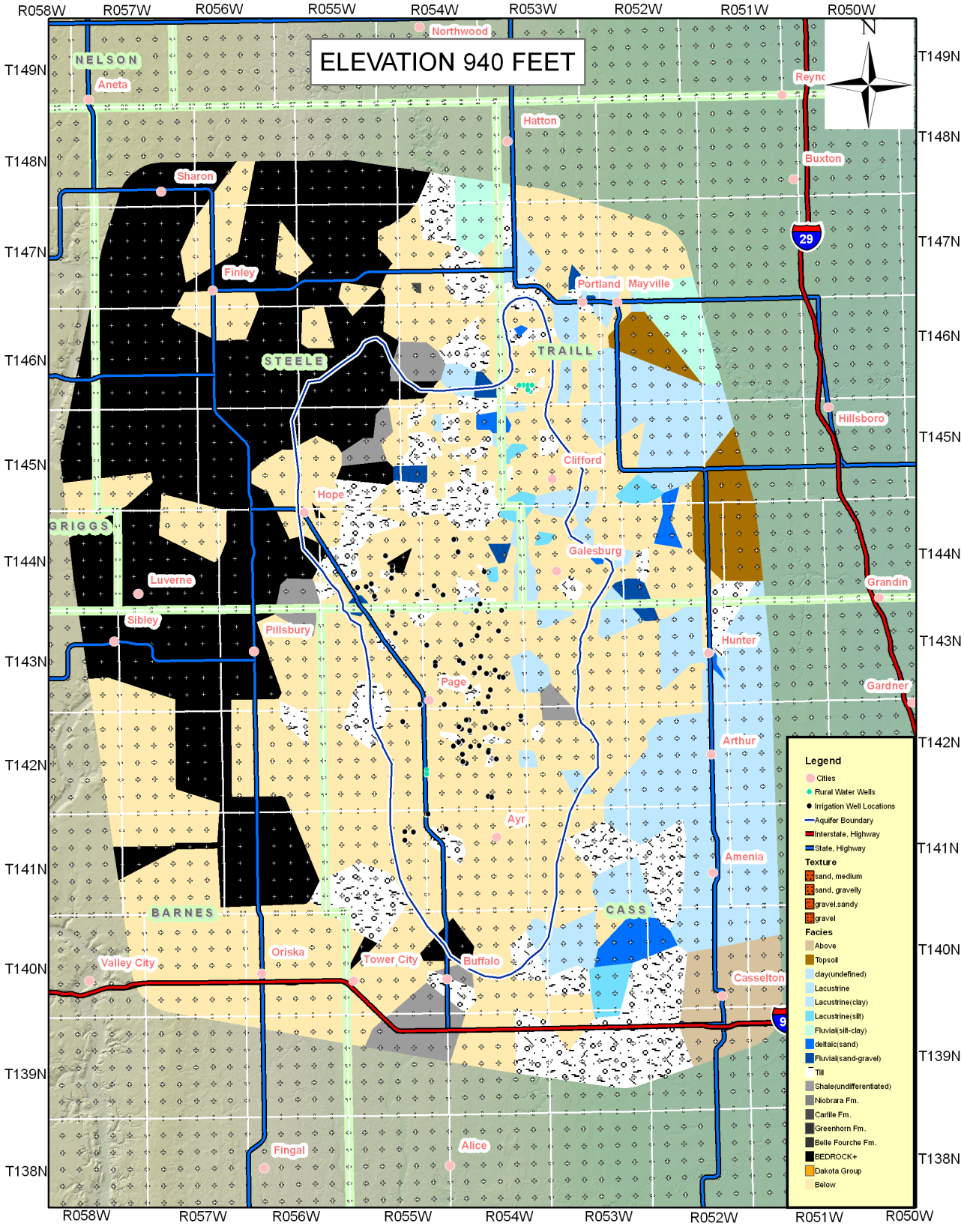

Figure C-5. -- Lithofacies slice at elevation 940 feet.

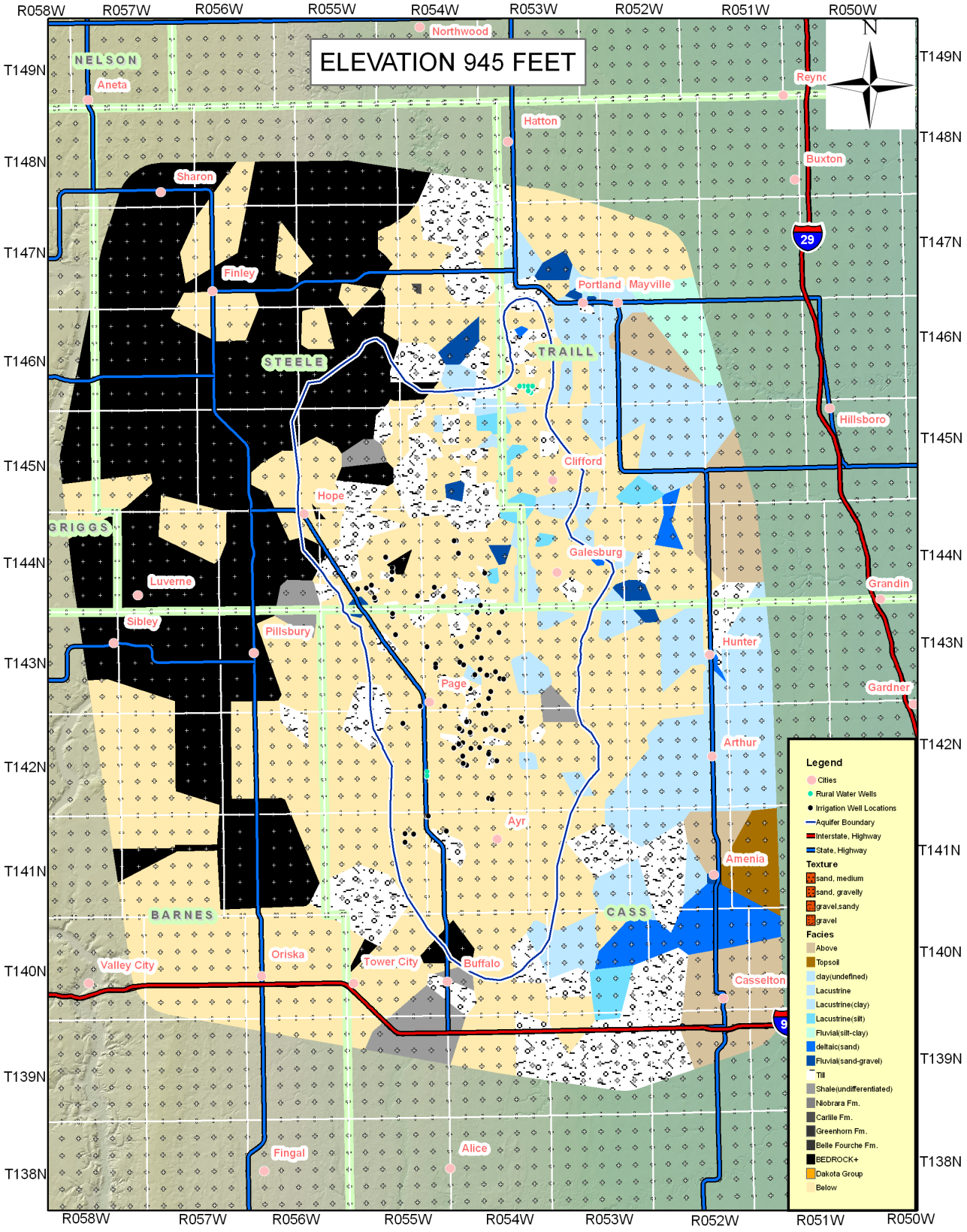

Figure C-6. -- Lithofacies slice at elevation 945 feet.

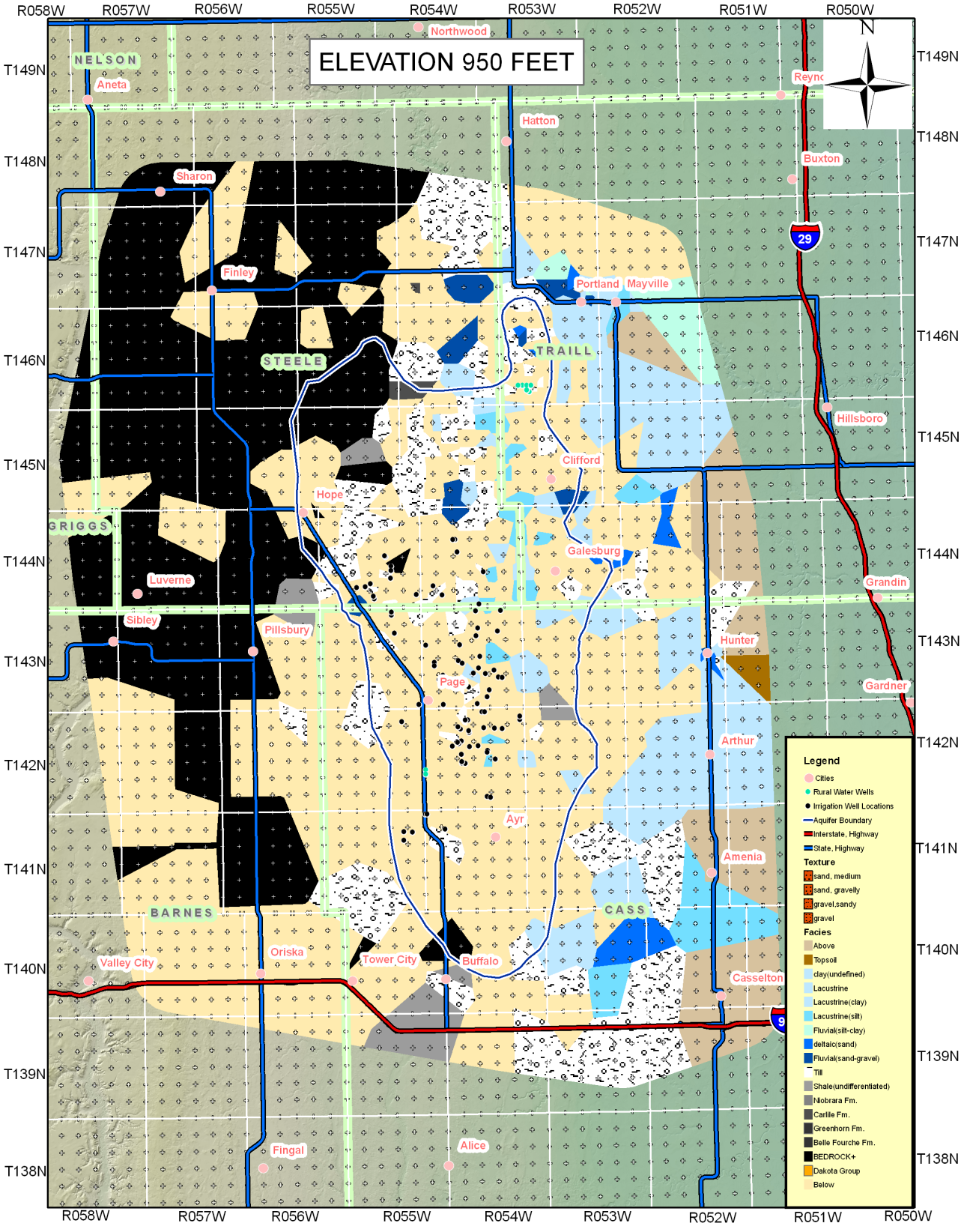

Figure C-7. -- Lithofacies slice at elevation 950 feet.

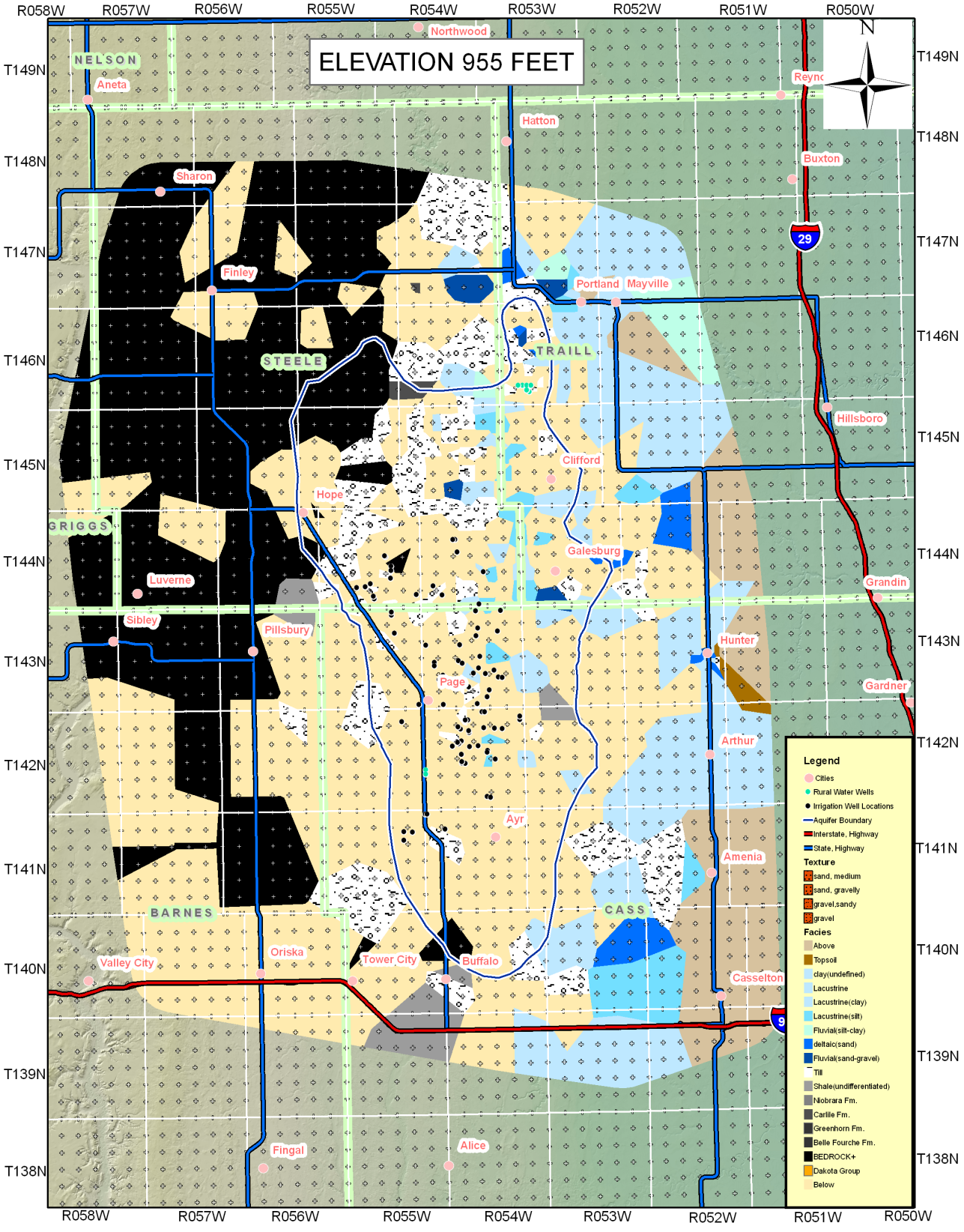

Figure C-8. -- Lithofacies slice at elevation 955 feet.

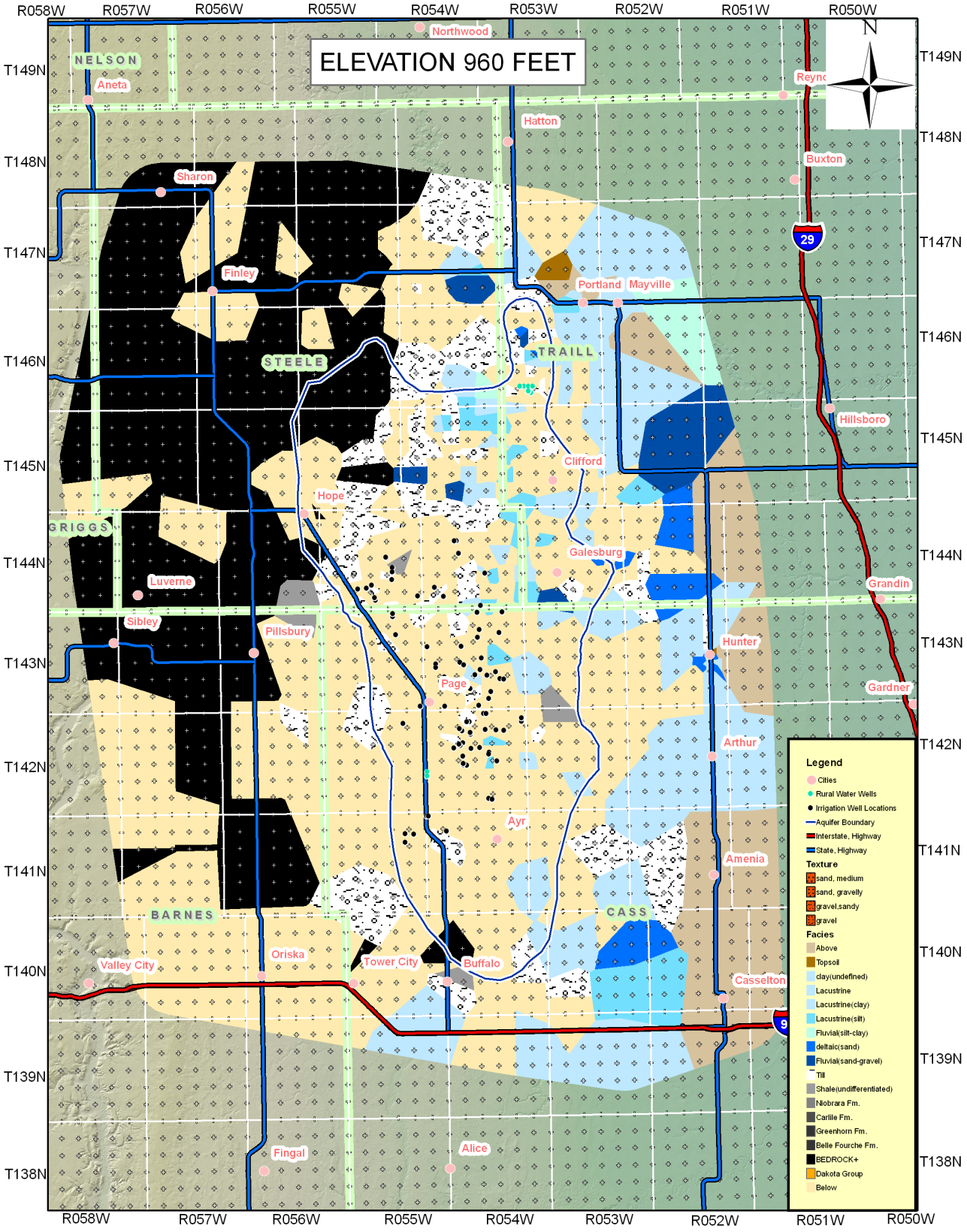

Figure C-9. -- Lithofacies slice at elevation 960 feet.

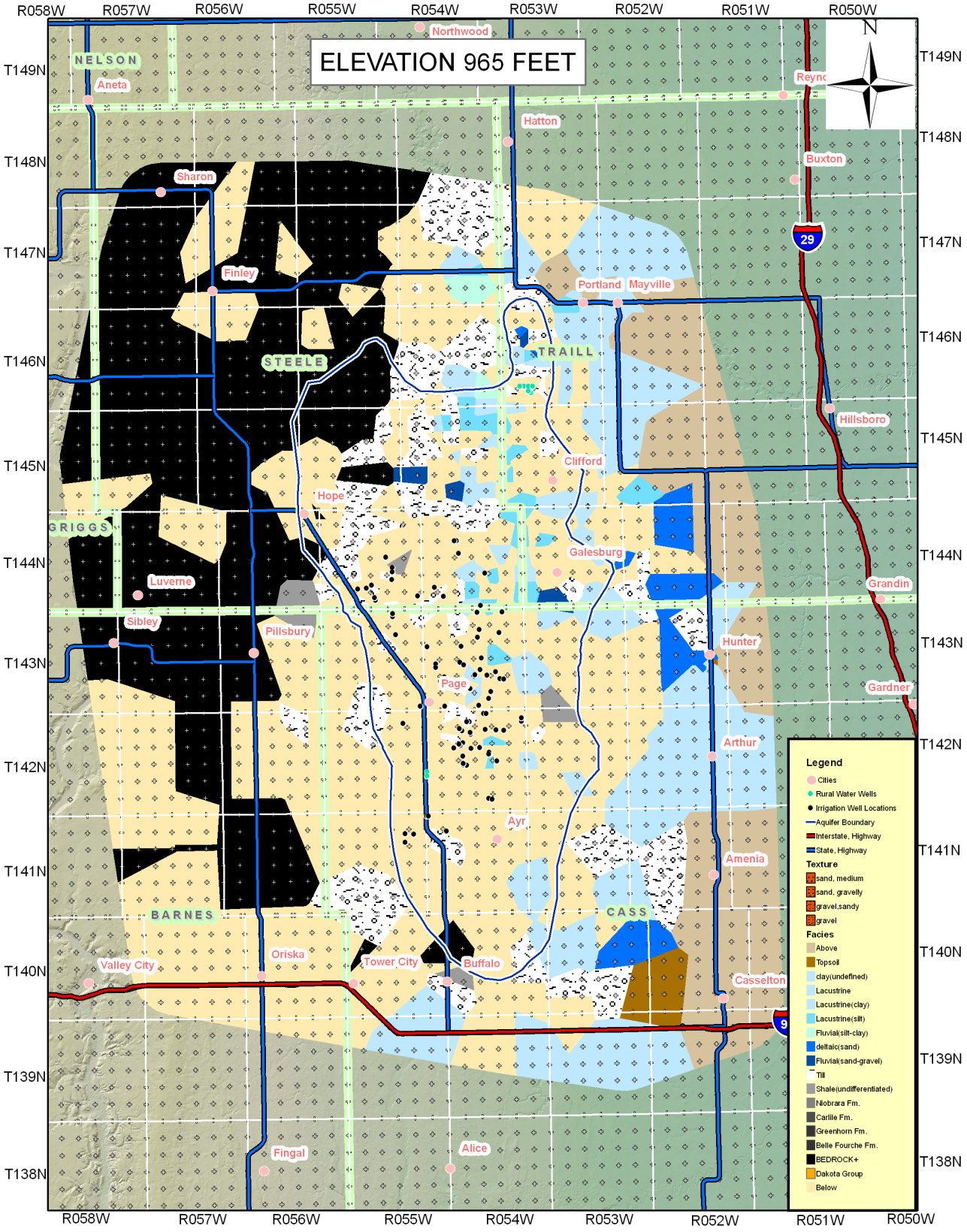

Figure C-10. -- Lithofacies slice at elevation 965 feet.

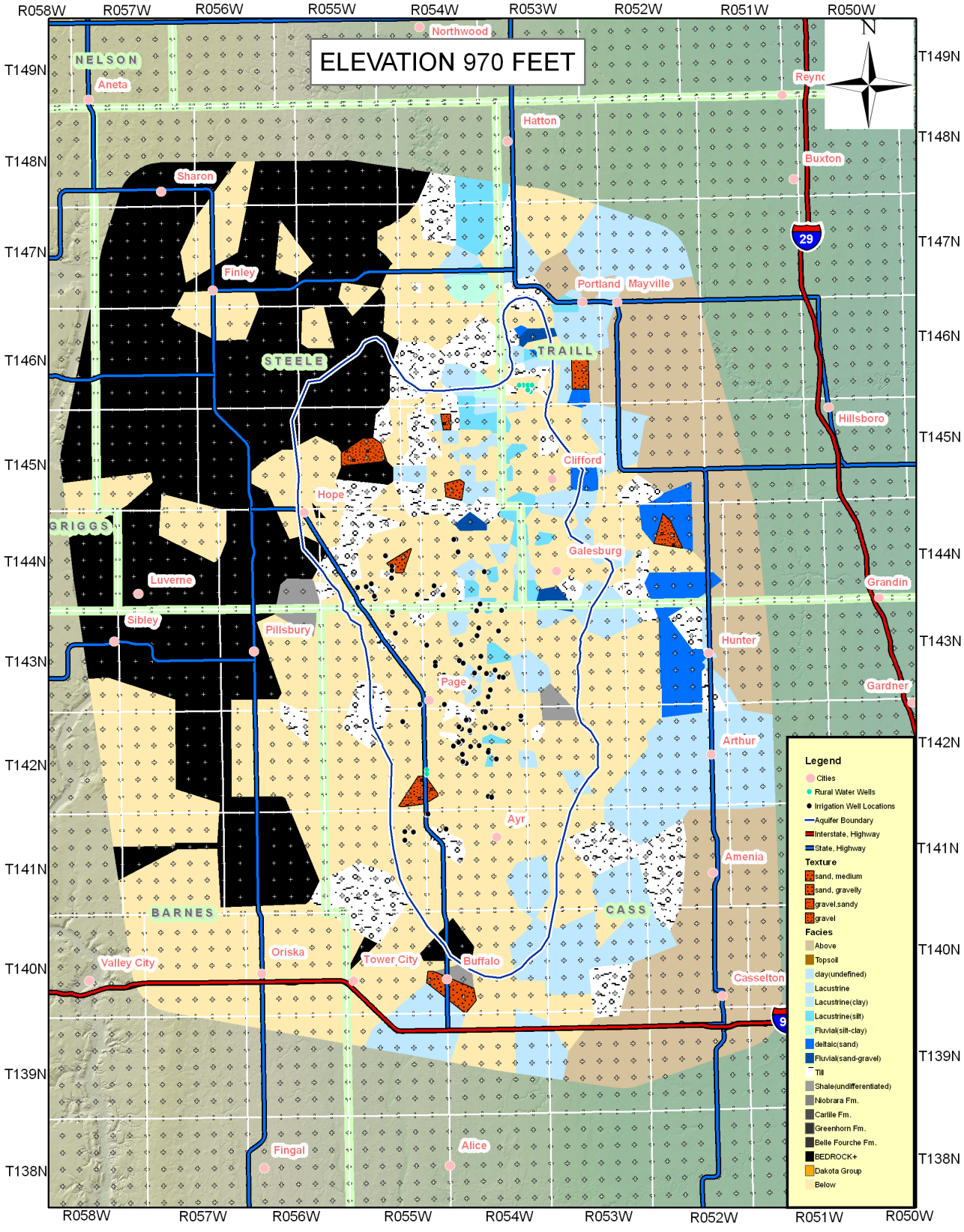

Figure C-11. -- Lithofacies slice at elevation 970 feet.

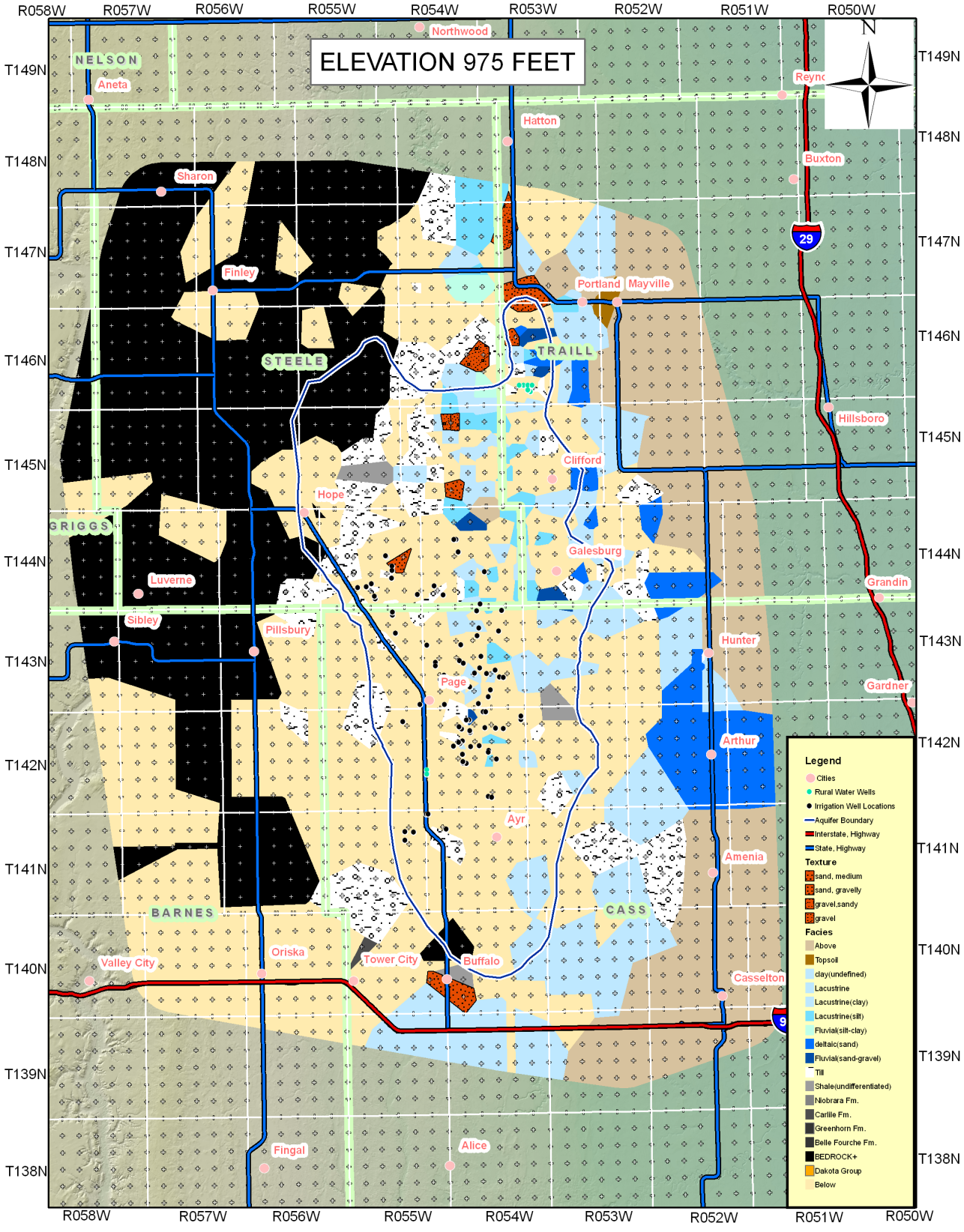

Figure C-12. -- Lithofacies slice at elevation 975 feet.

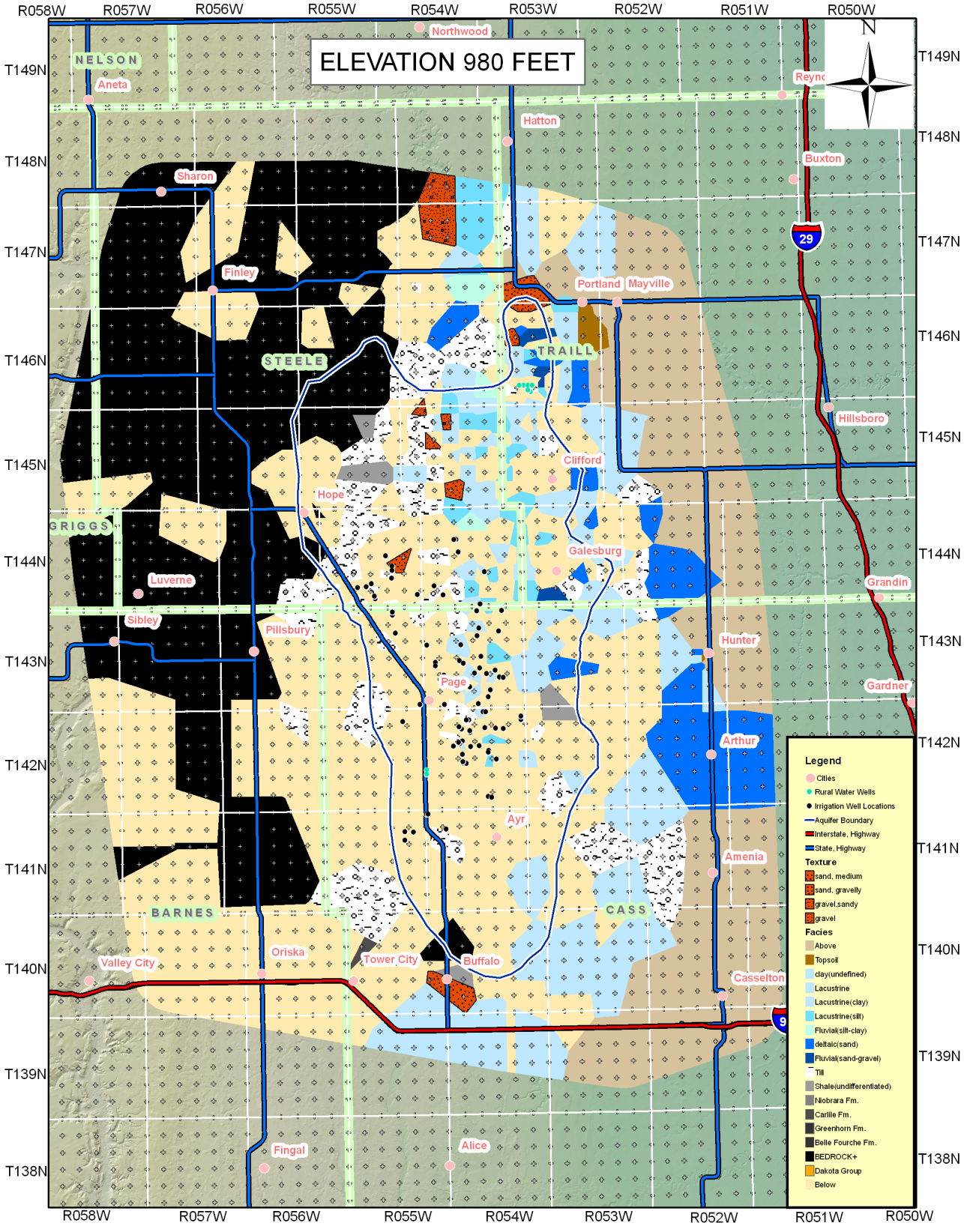

Figure C-13. -- Lithofacies slice at elevation 980 feet.

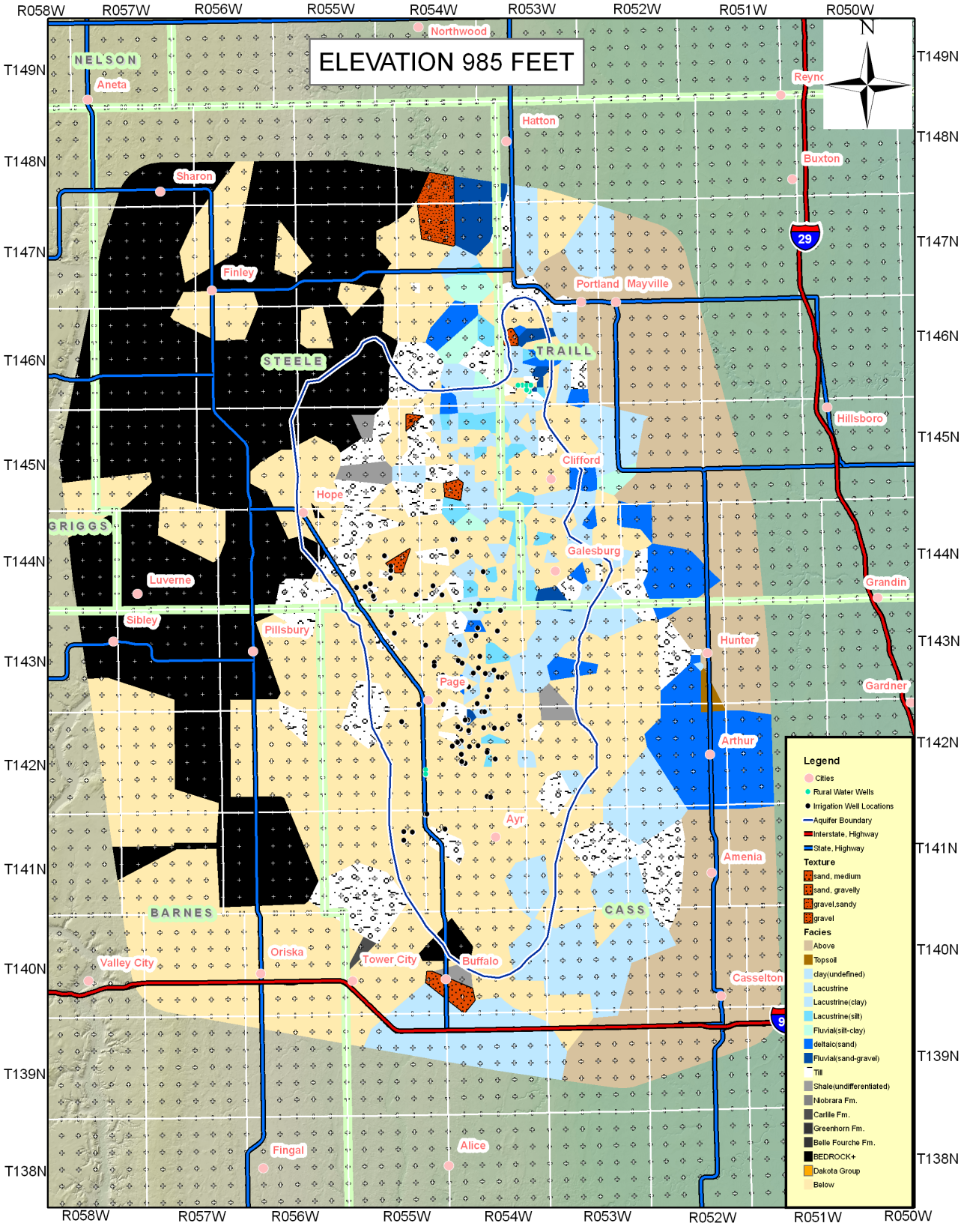

Figure C-14. -- Lithofacies slice at elevation 985 feet.

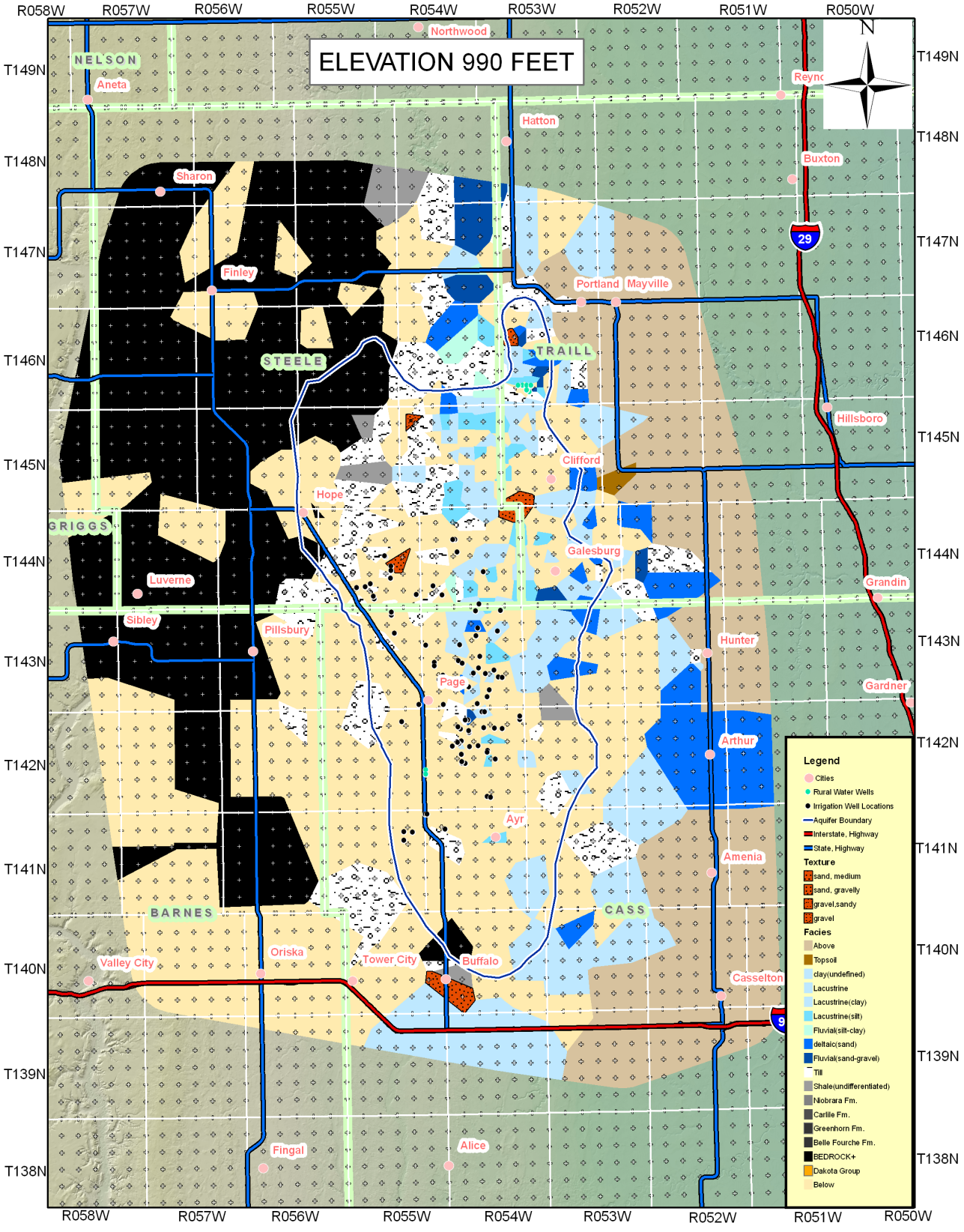

Figure C-15. -- Lithofacies slice at elevation 990 feet.

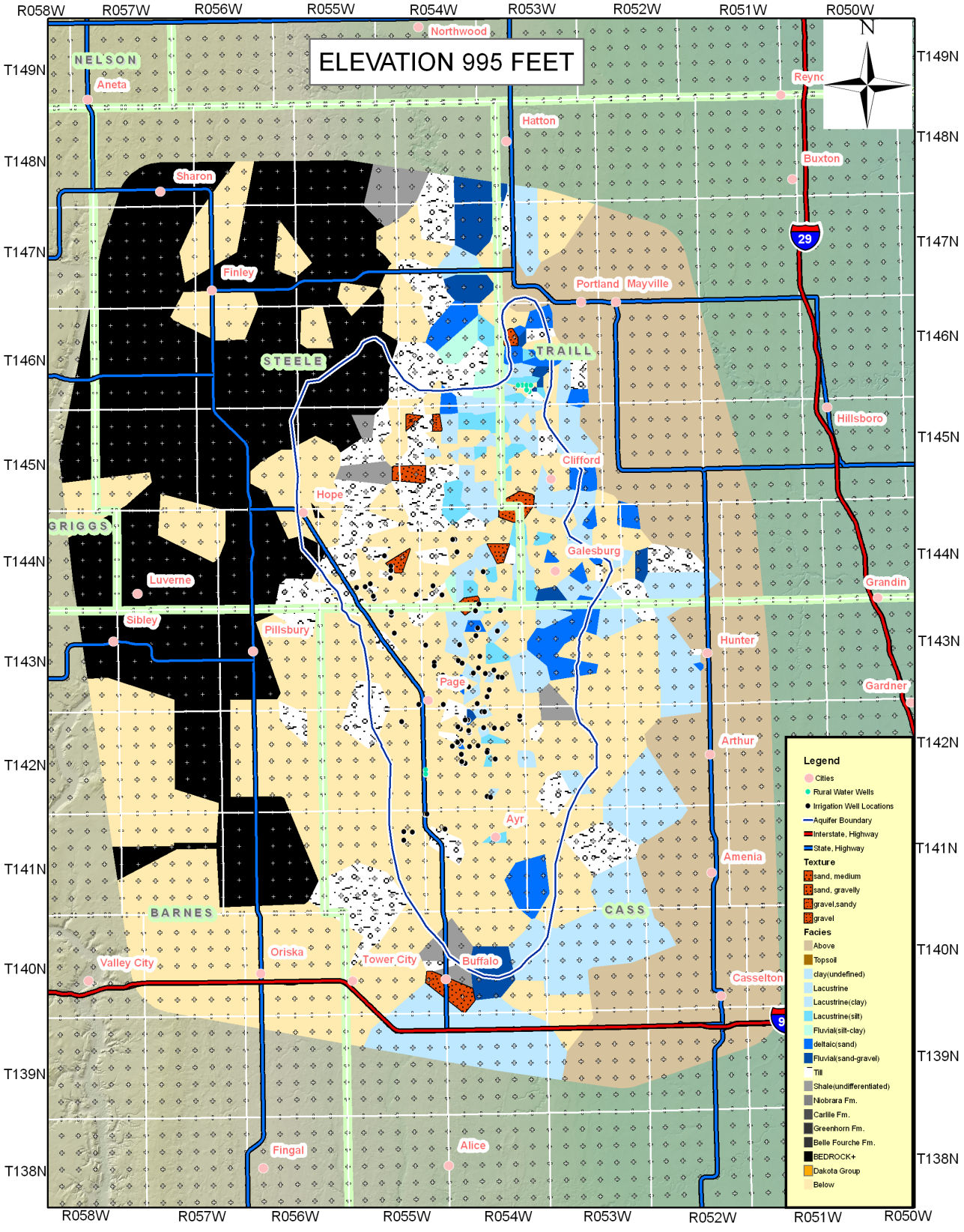

Figure C-16. -- Lithofacies slice at elevation 995 feet.

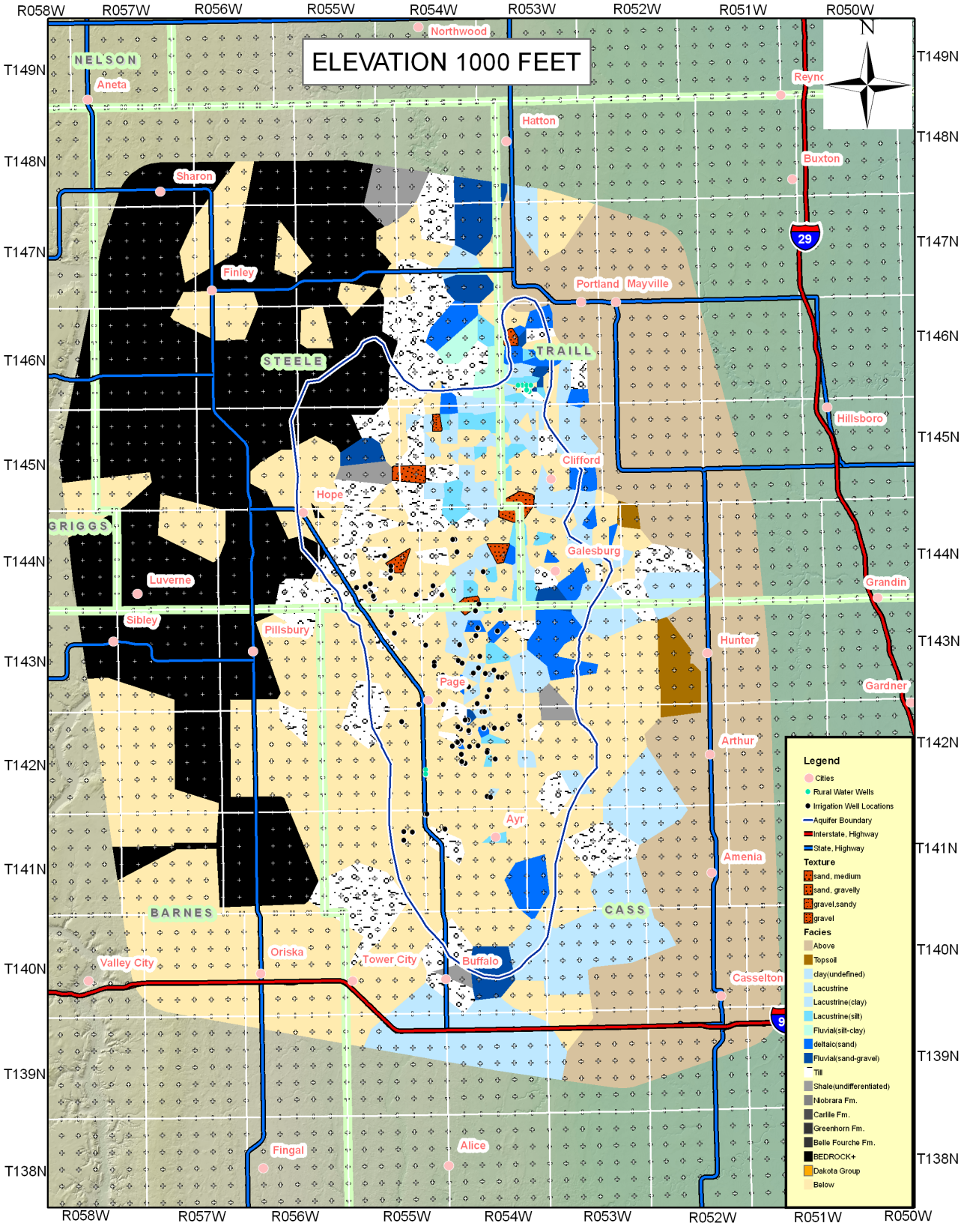

Figure C-17. -- Lithofacies slice at elevation 1000 feet.

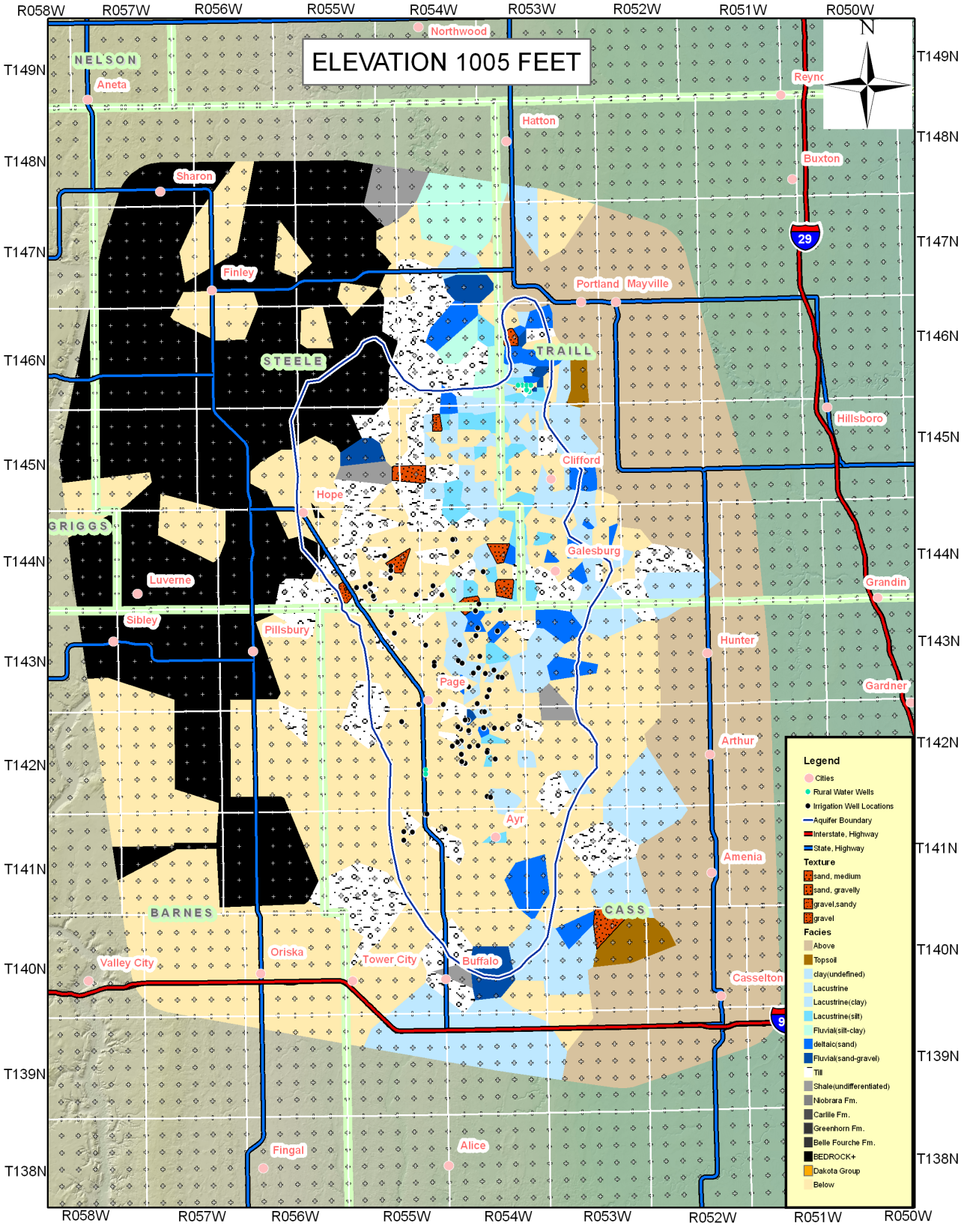

Figure C-18. -- Lithofacies slice at elevation 1005 feet.

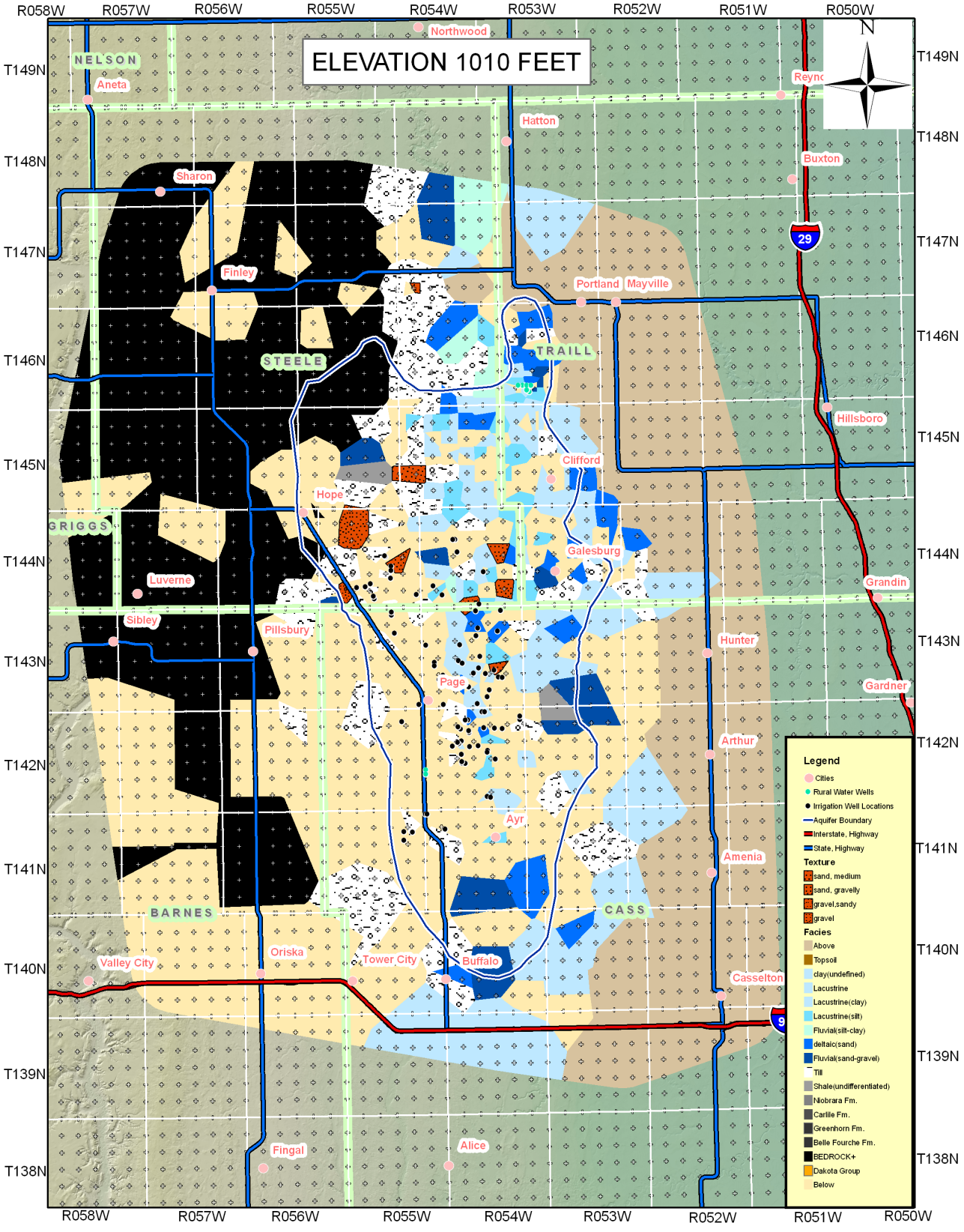

Figure C-19. -- Lithofacies slice at elevation 1010 feet.

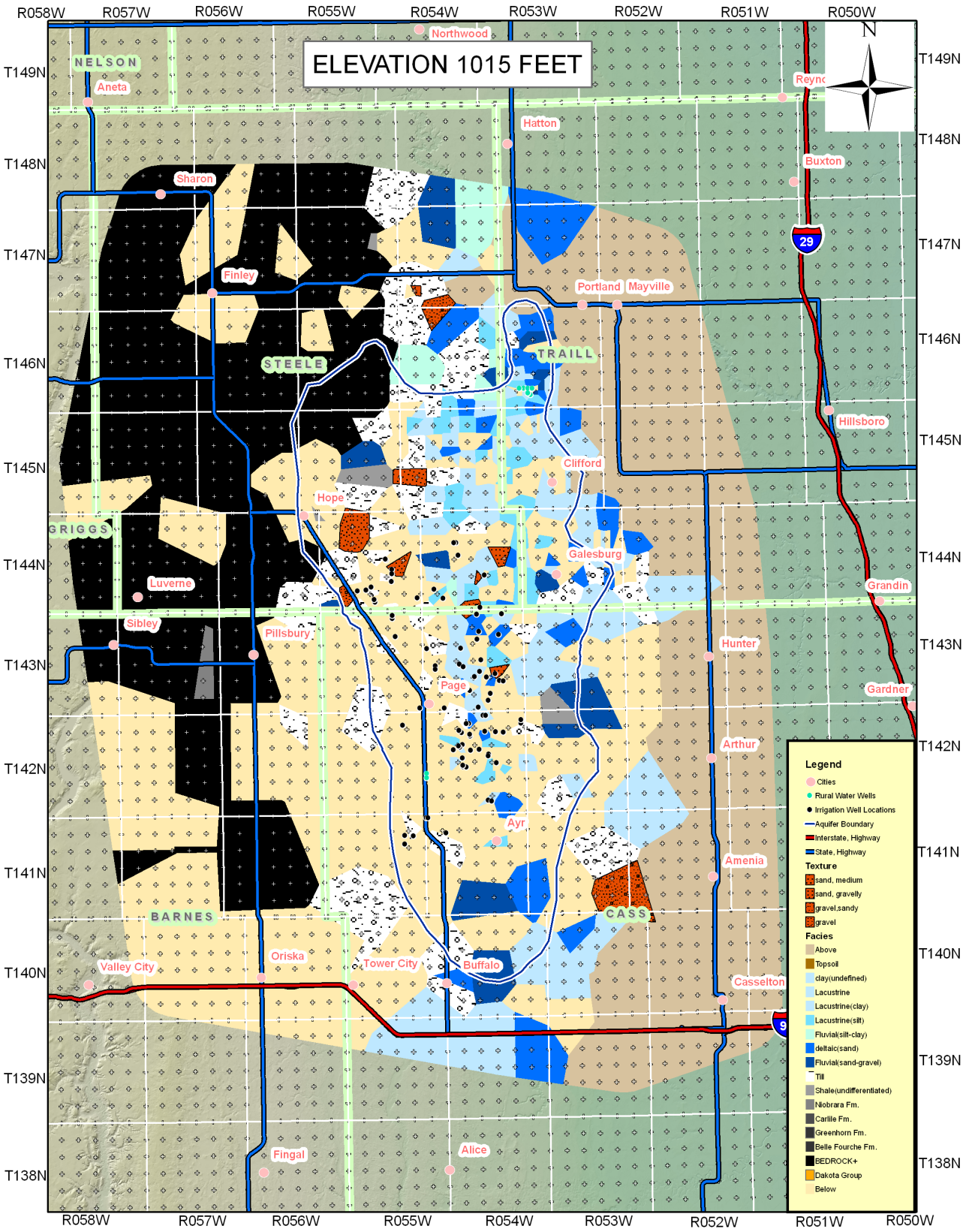

Figure C-20. -- Lithofacies slice at elevation 1015 feet.

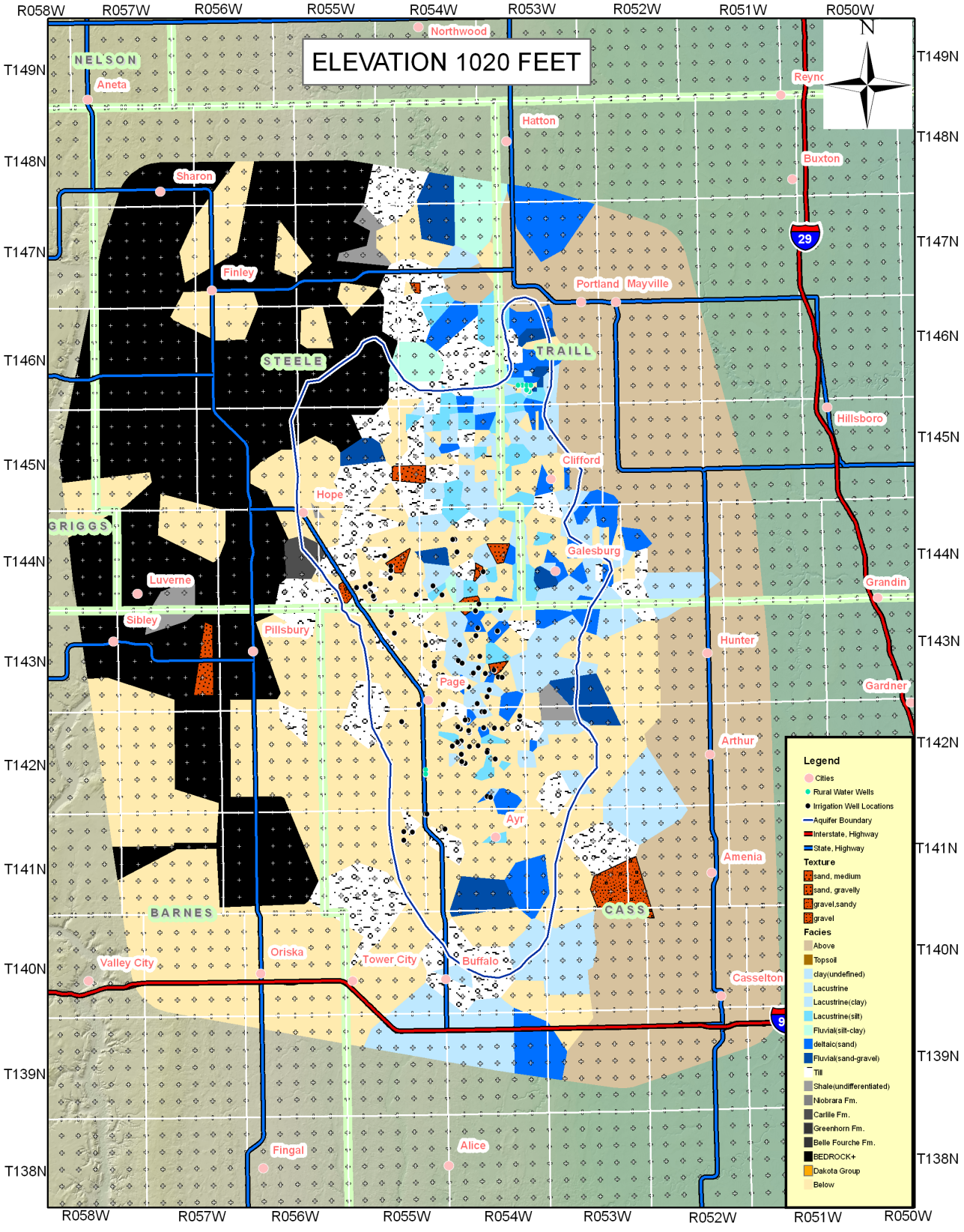

Figure C-21. -- Lithofacies slice at elevation 1020 feet.

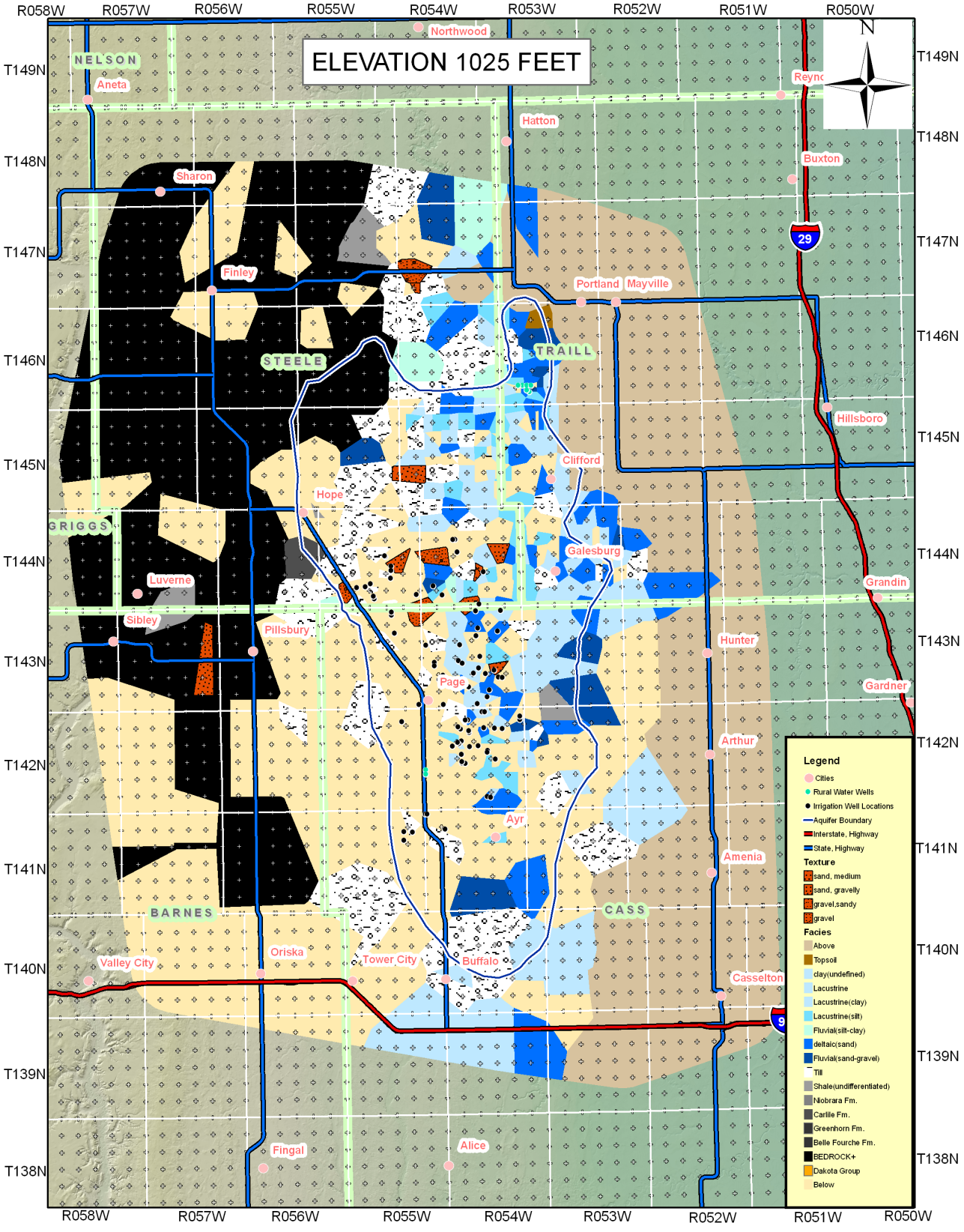

Figure C-22. -- Lithofacies slice at elevation 1025 feet.

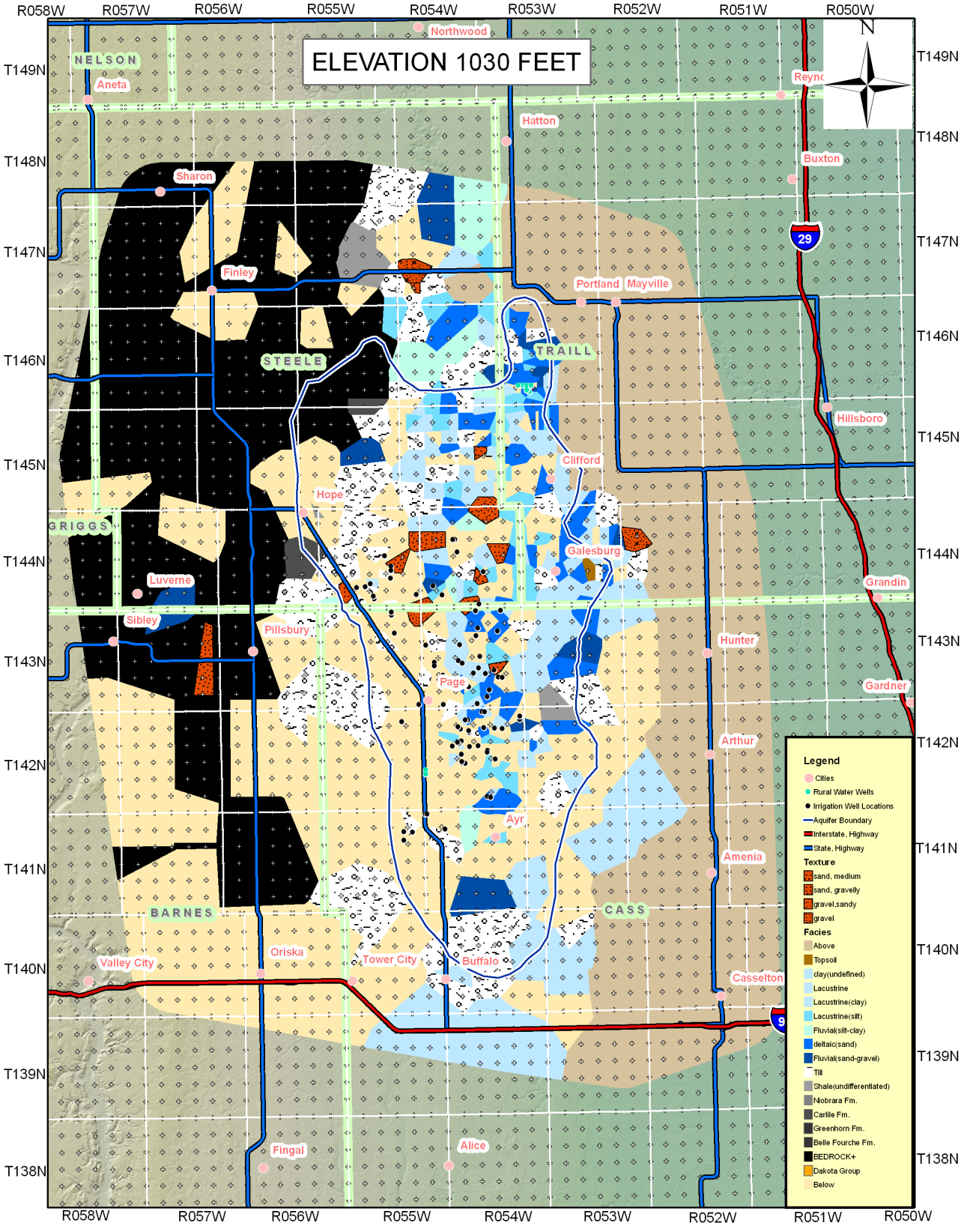

Figure C-23. -- Lithofacies slice at elevation 1030 feet.

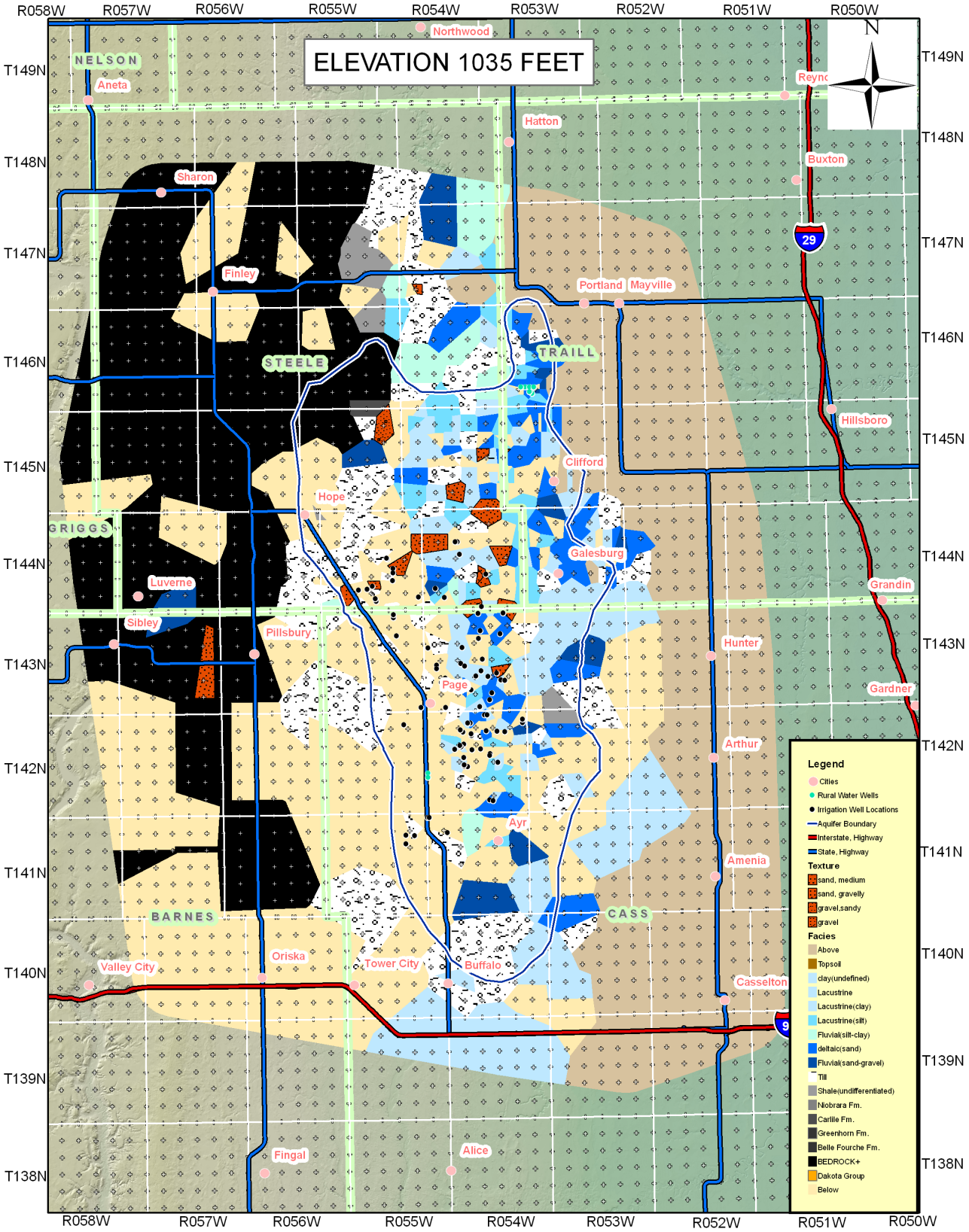

Figure C-24. -- Lithofacies slice at elevation 1035 feet.

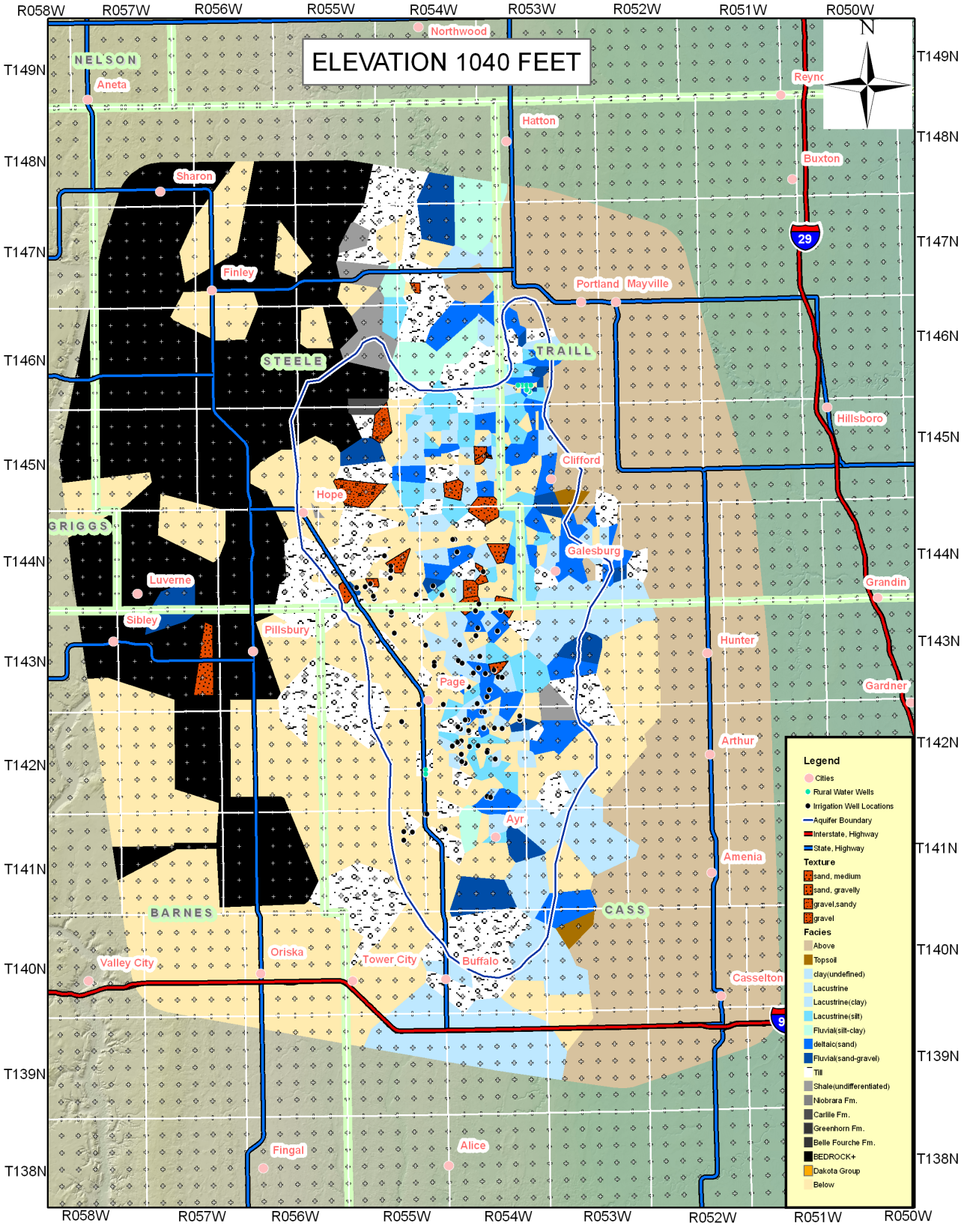

Figure C-25. -- Lithofacies slice at elevation 1040 feet.

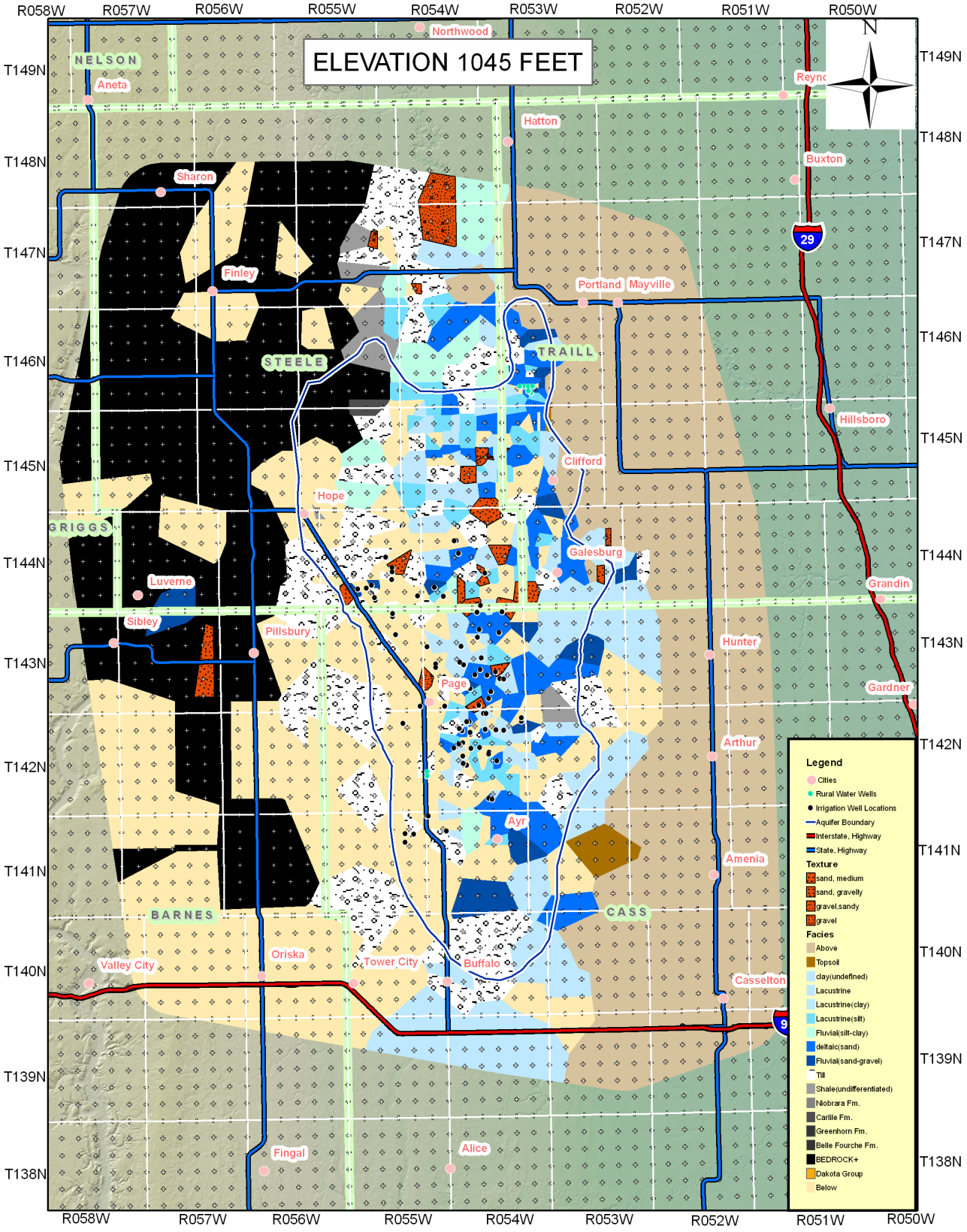

Figure C-26. -- Lithofacies slice at elevation 1045 feet.

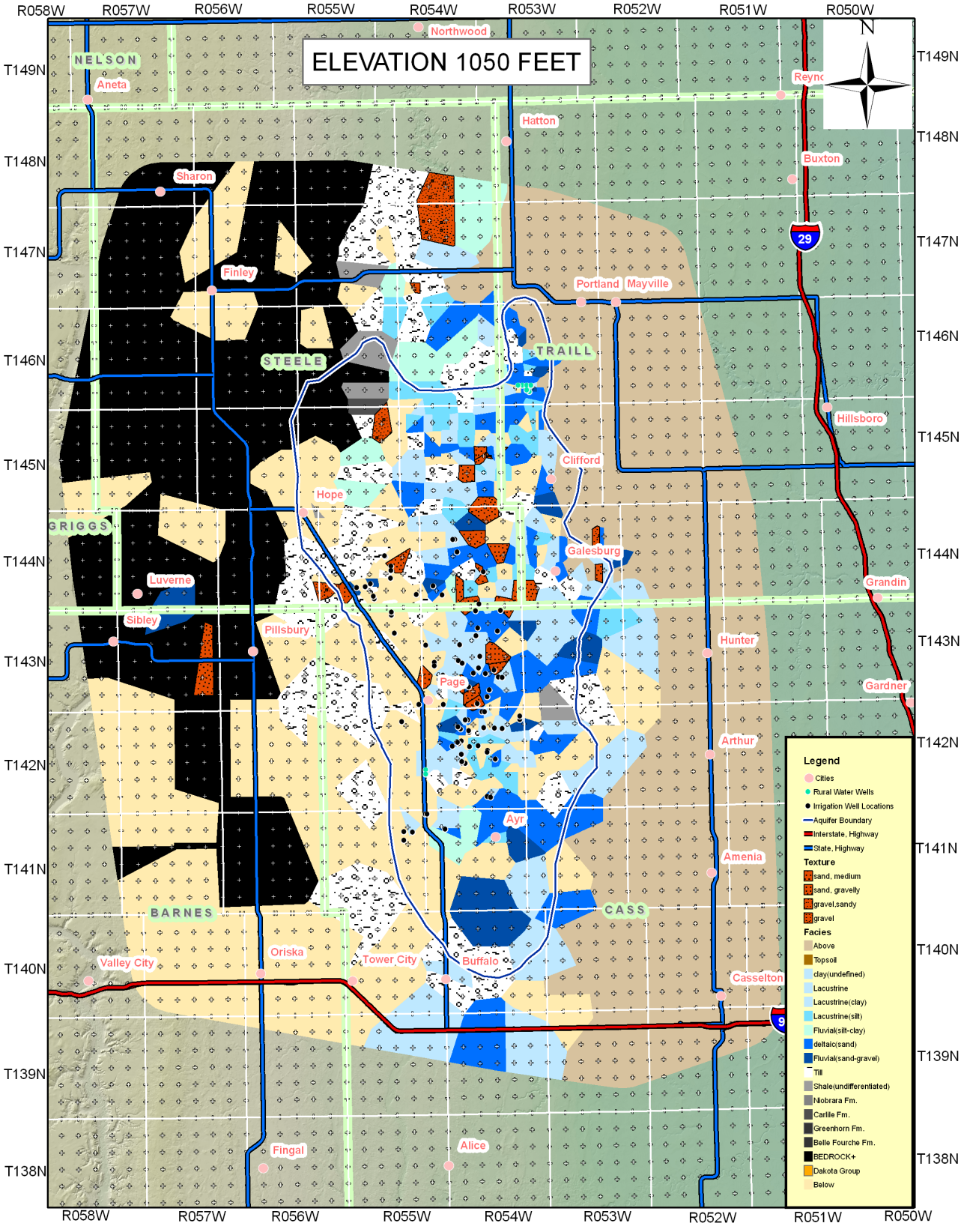

Figure C-27. -- Lithofacies slice at elevation 1050 feet.

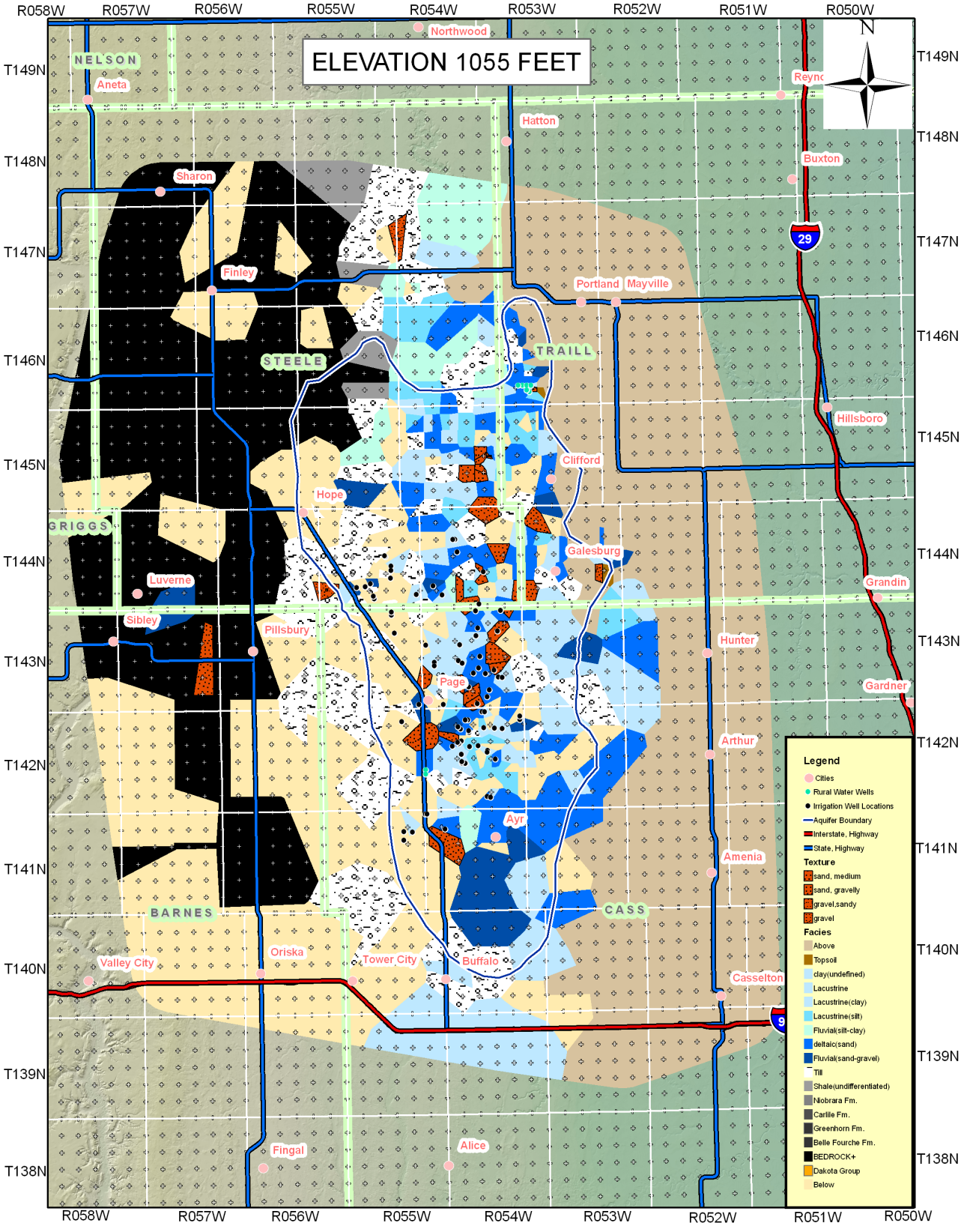

Figure C-28. -- Lithofacies slice at elevation 1055 feet.

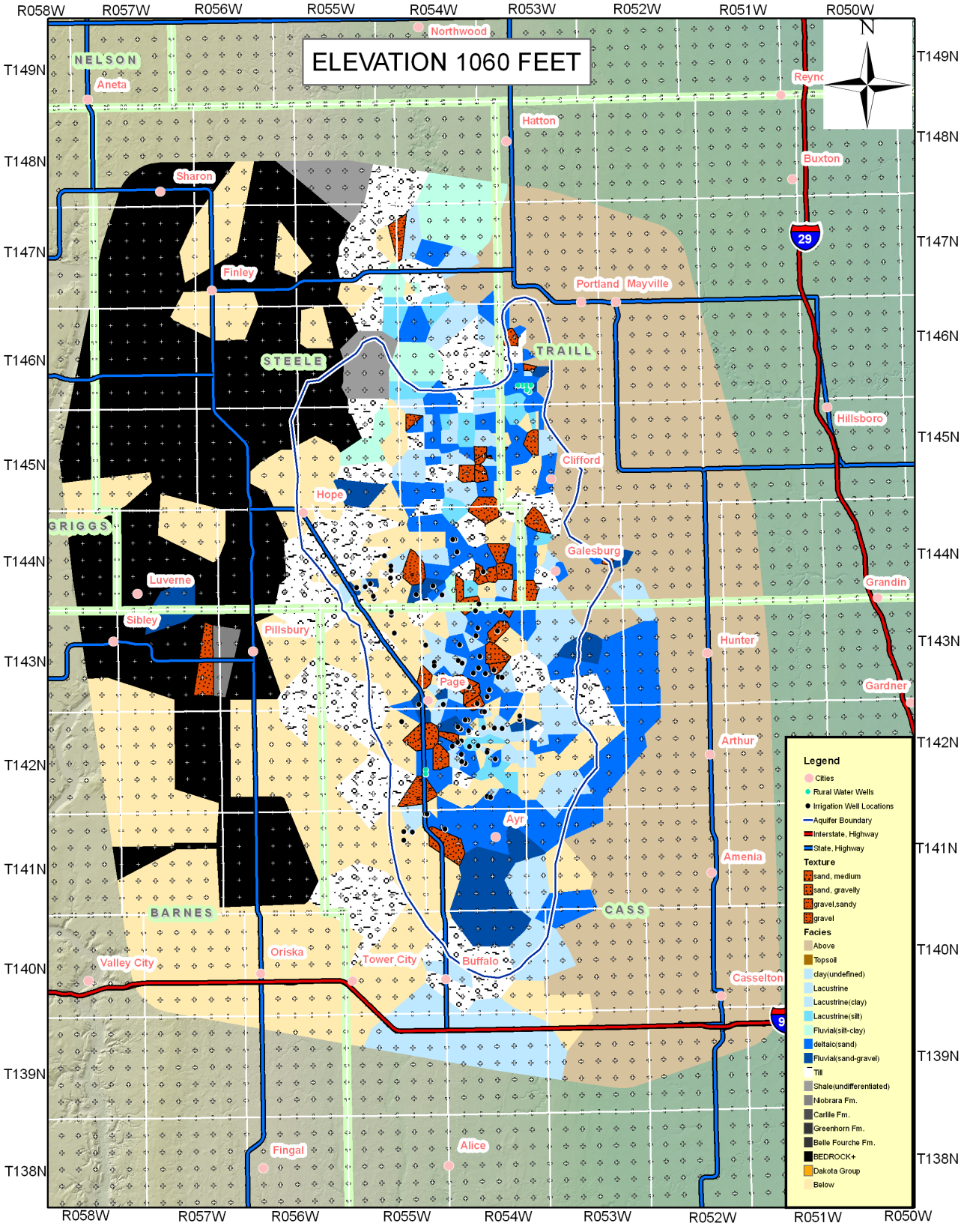

Figure C-29. -- Lithofacies slice at elevation 1060 feet.

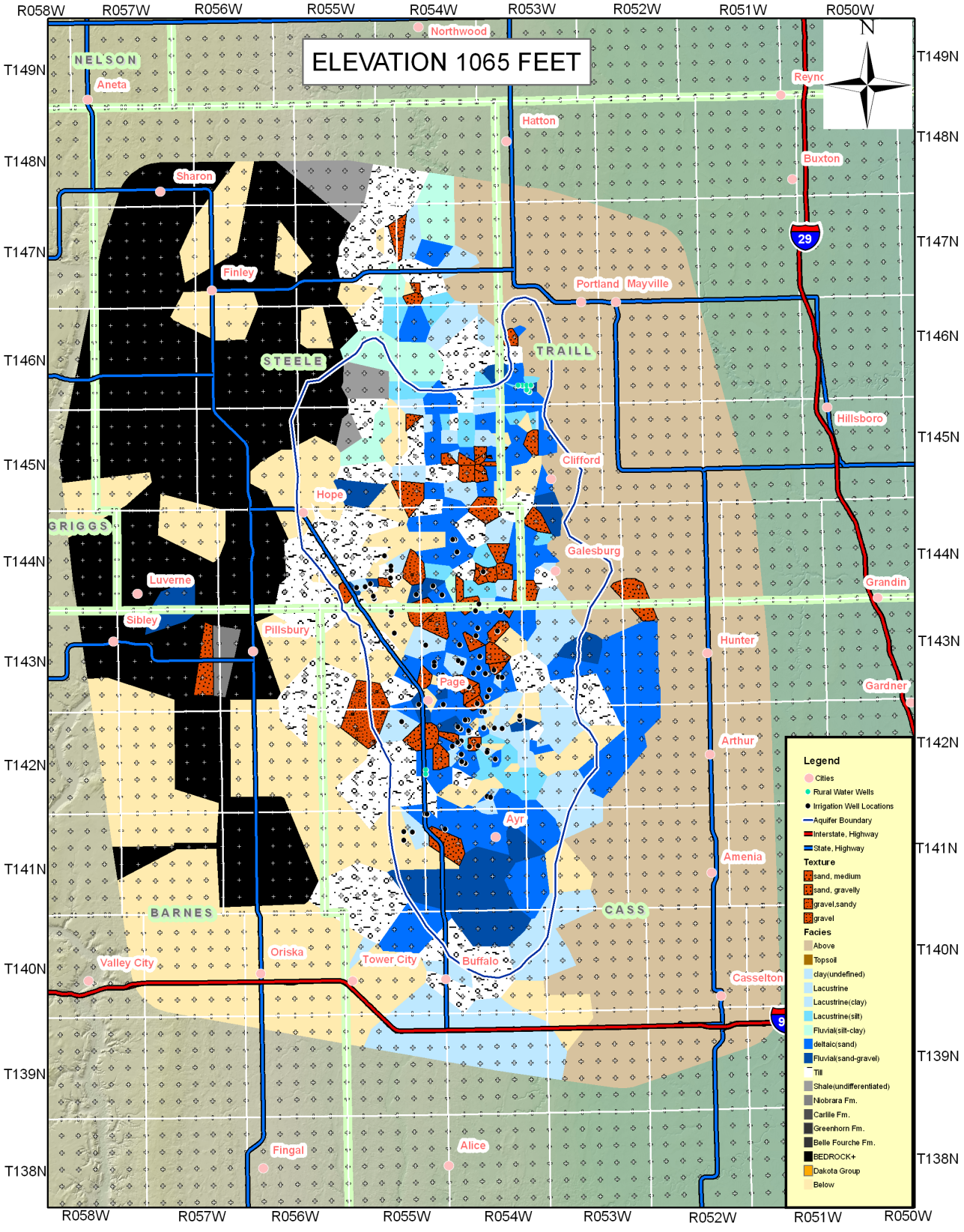

Figure C-30. -- Lithofacies slice at elevation 1065 feet.

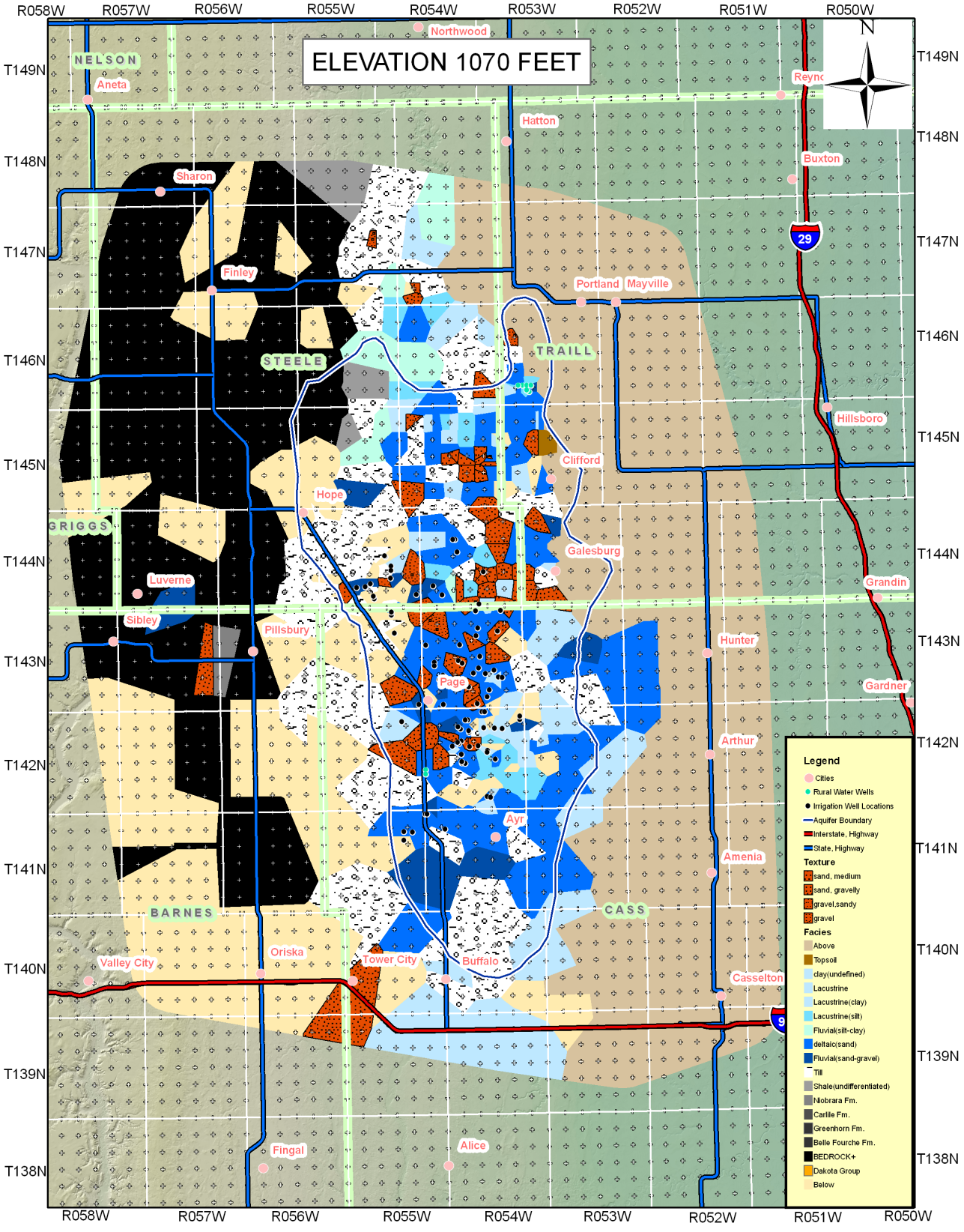

Figure C-31. -- Lithofacies slice at elevation 1070 feet.

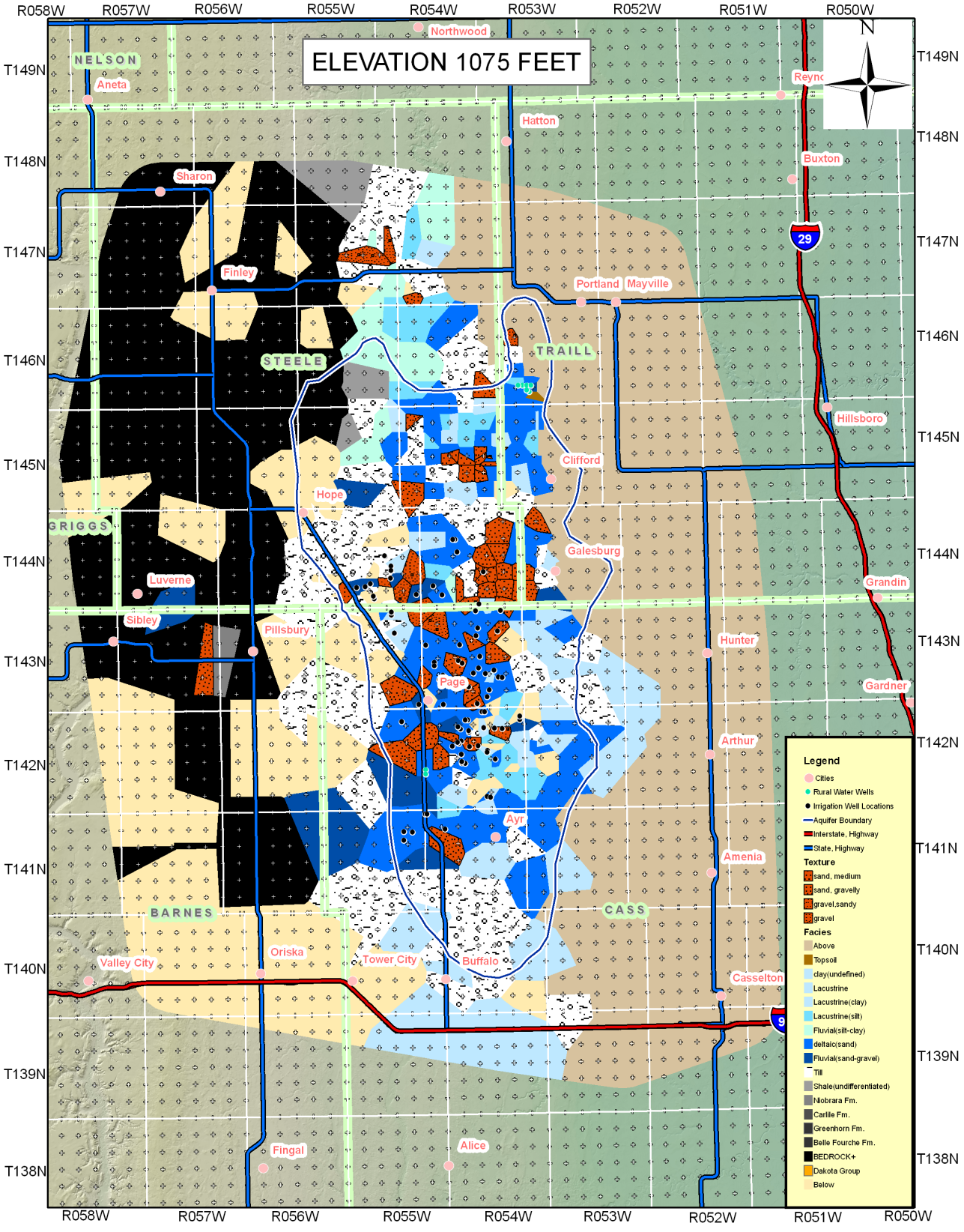

Figure C-32. -- Lithofacies slice at elevation 1075 feet.

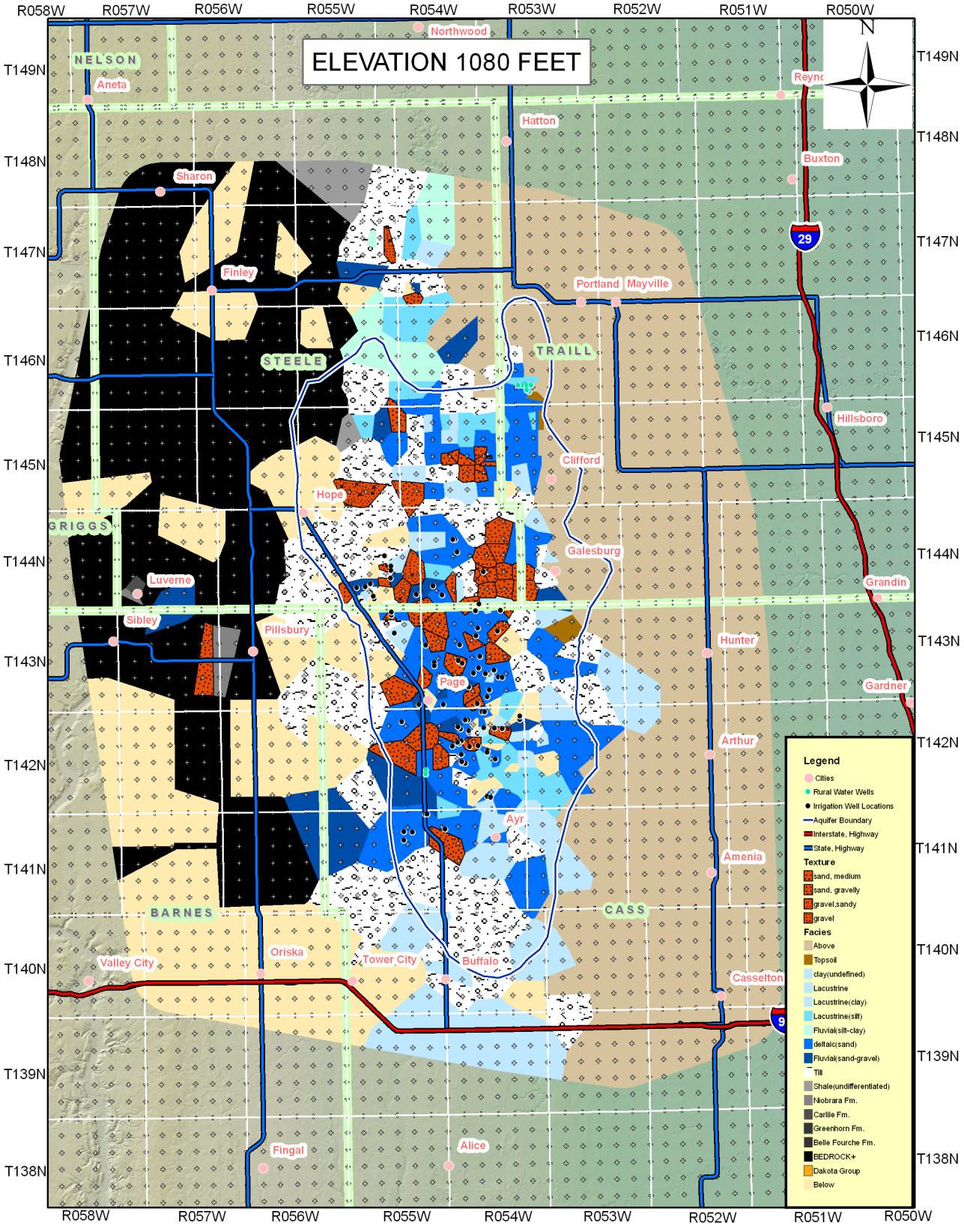

Figure C-33. -- Lithofacies slice at elevation 1080 feet.

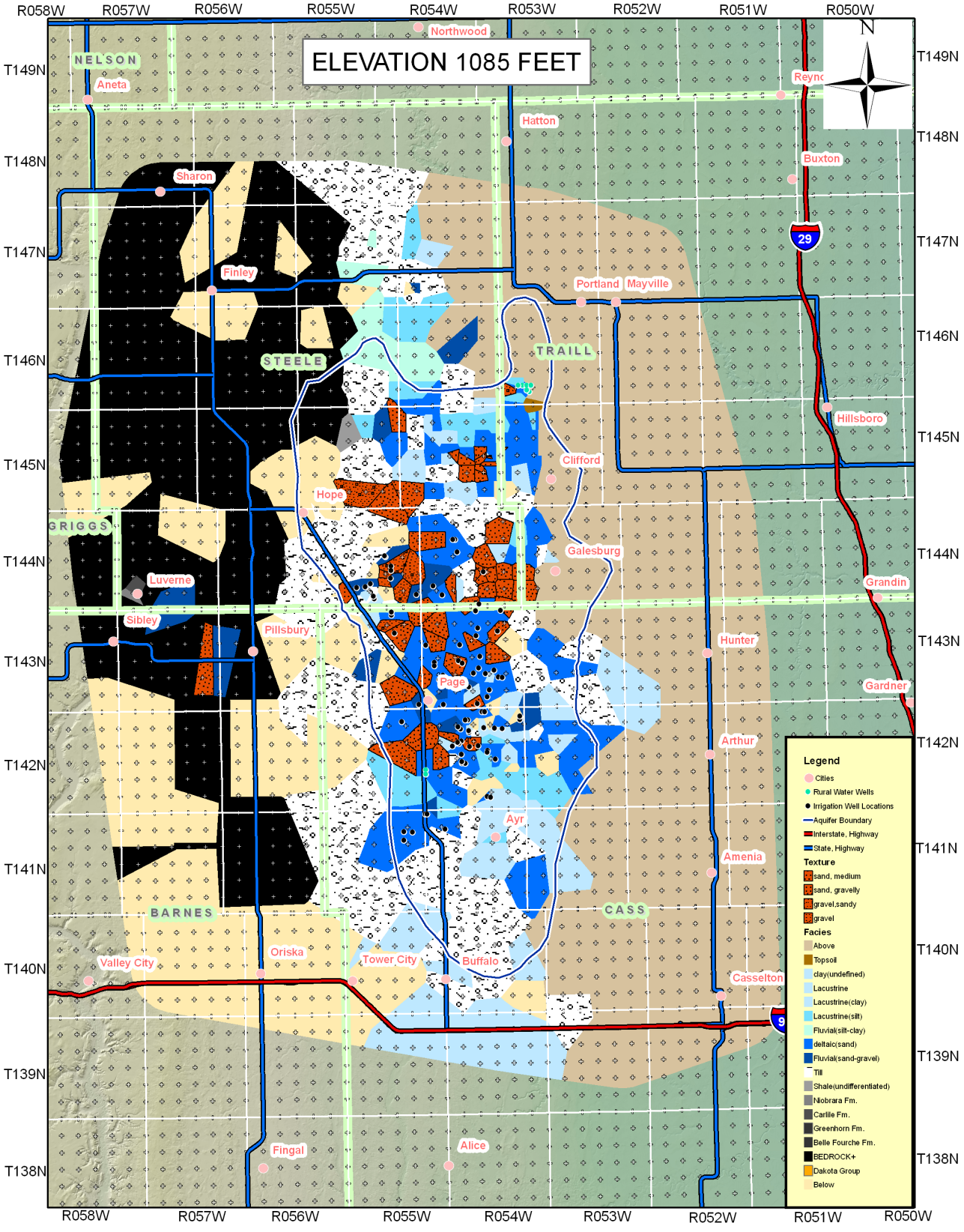

Figure C-34. -- Lithofacies slice at elevation 1085 feet.

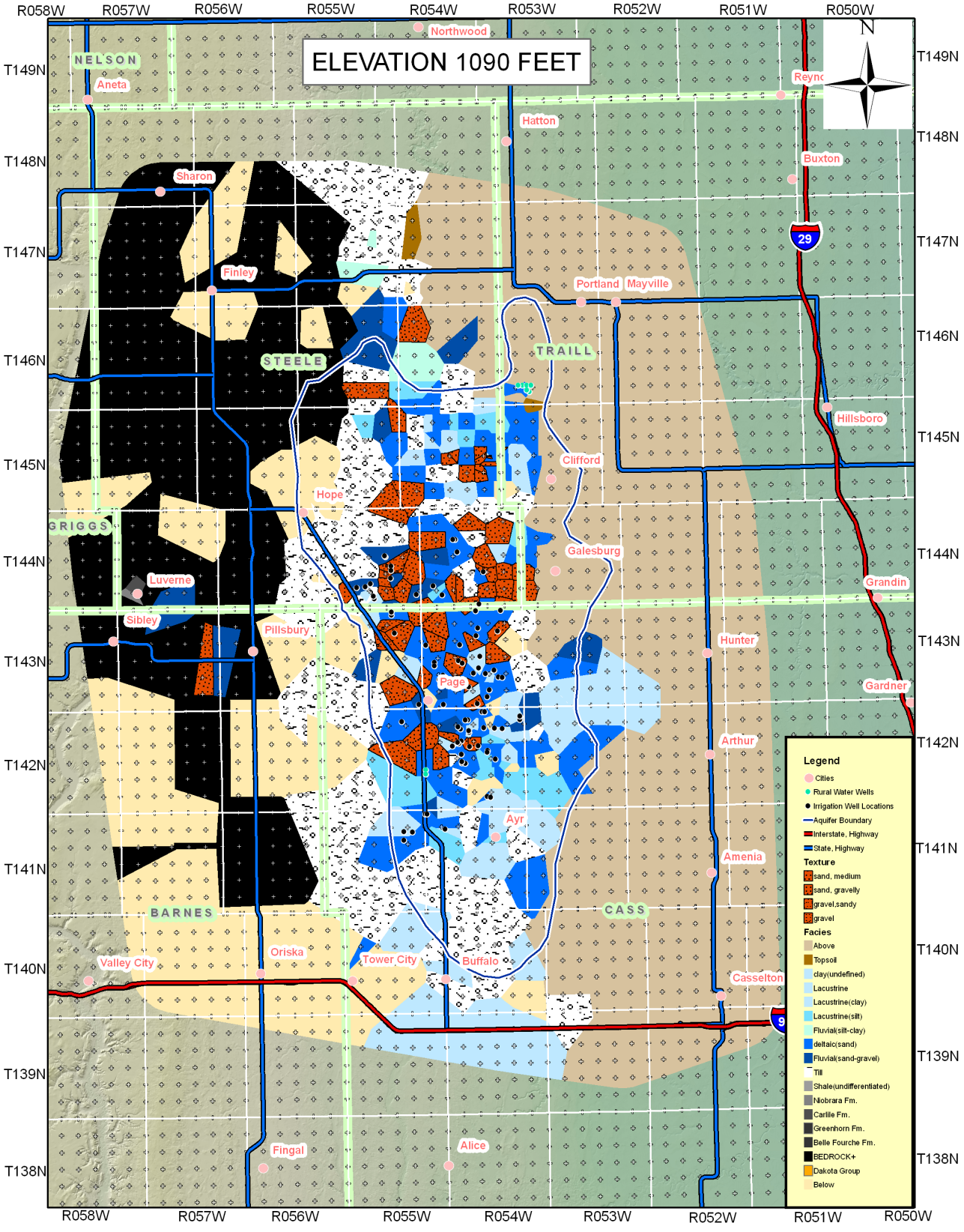

Figure C-35. -- Lithofacies slice at elevation 1090 feet.

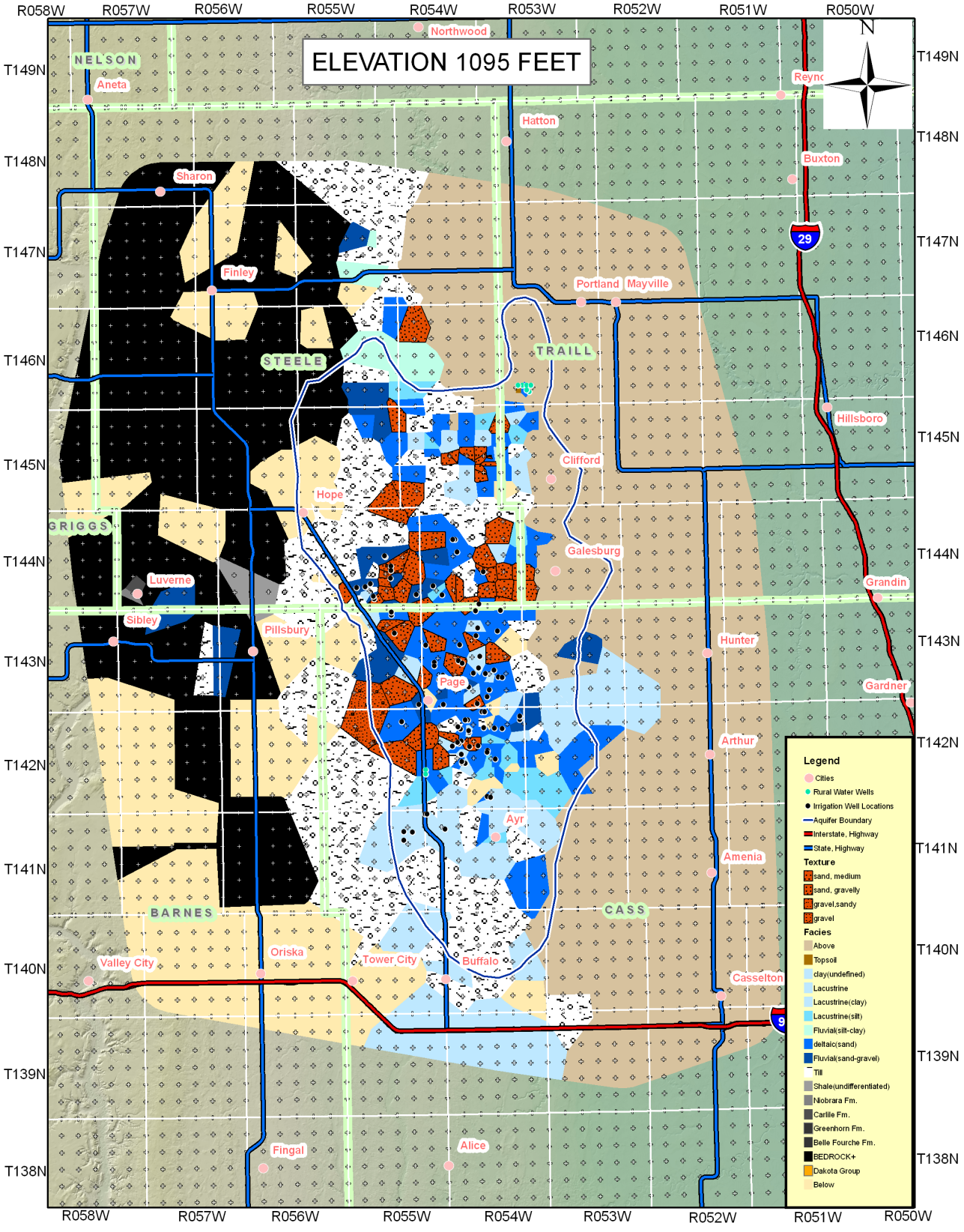

Figure C-36. -- Lithofacies slice at elevation 1095 feet.

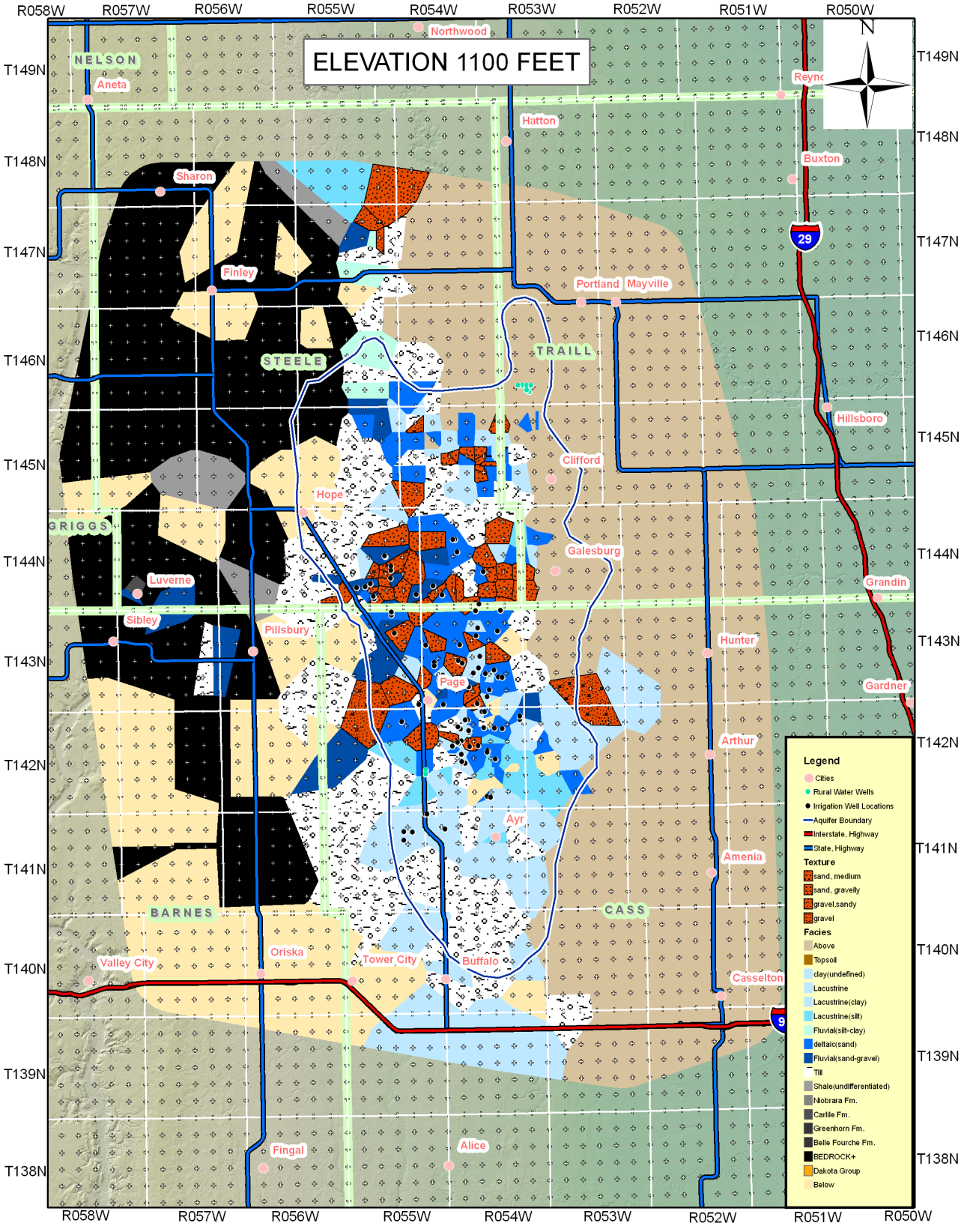

Figure C-37. -- Lithofacies slice at elevation 1100 feet.

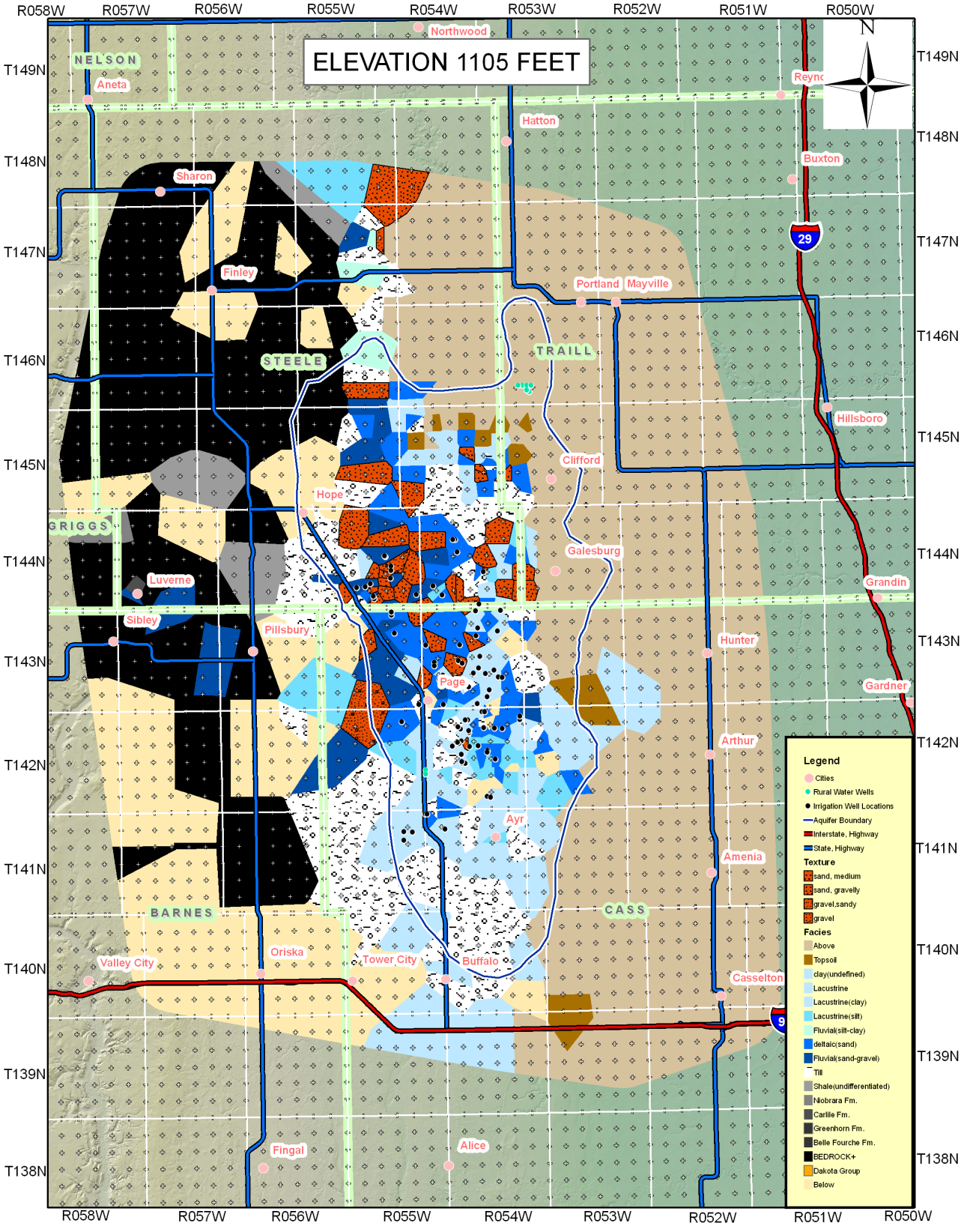

Figure C-38. -- Lithofacies slice at elevation 1105 feet.

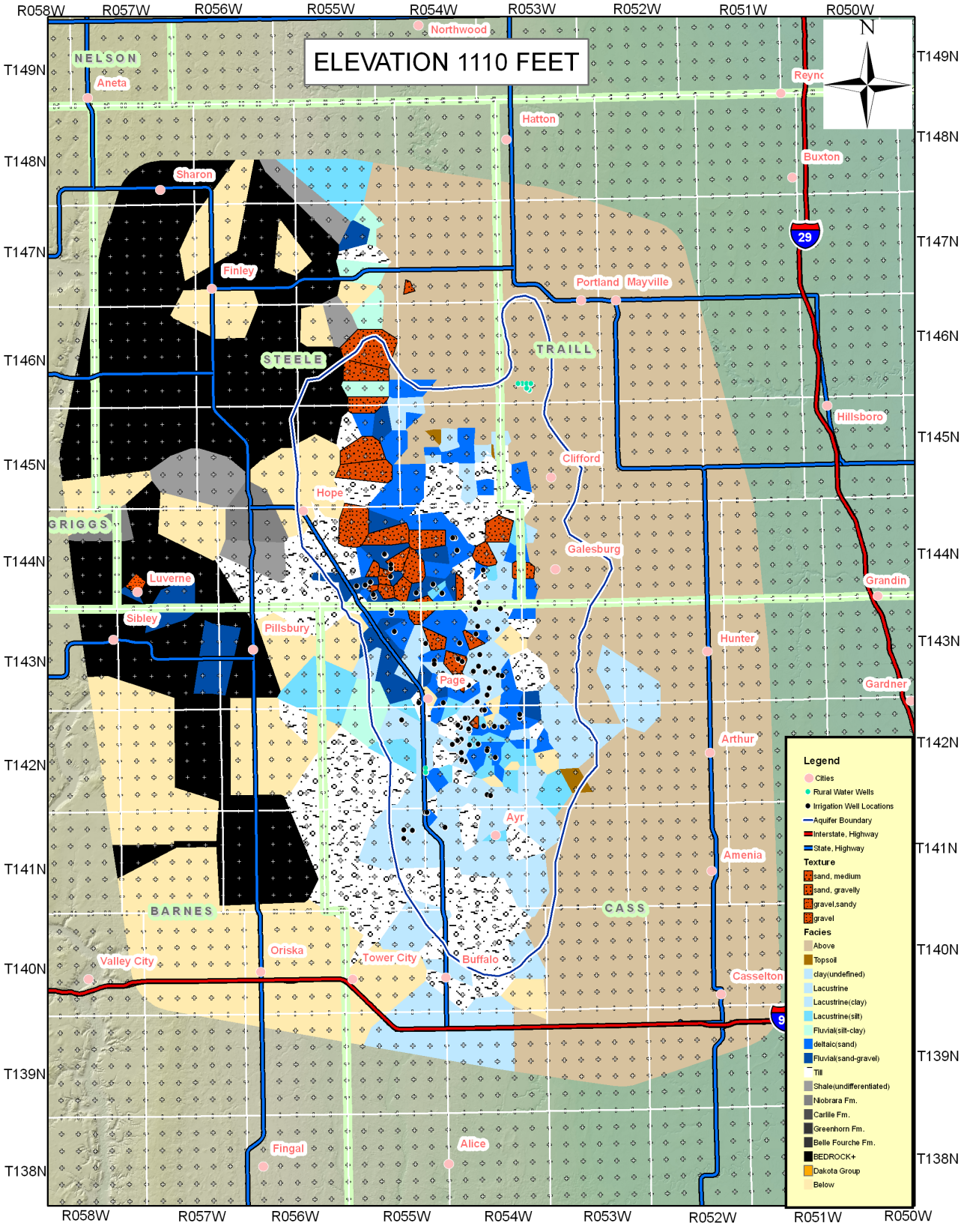

Figure C-39. -- Lithofacies slice at elevation 1110 feet.

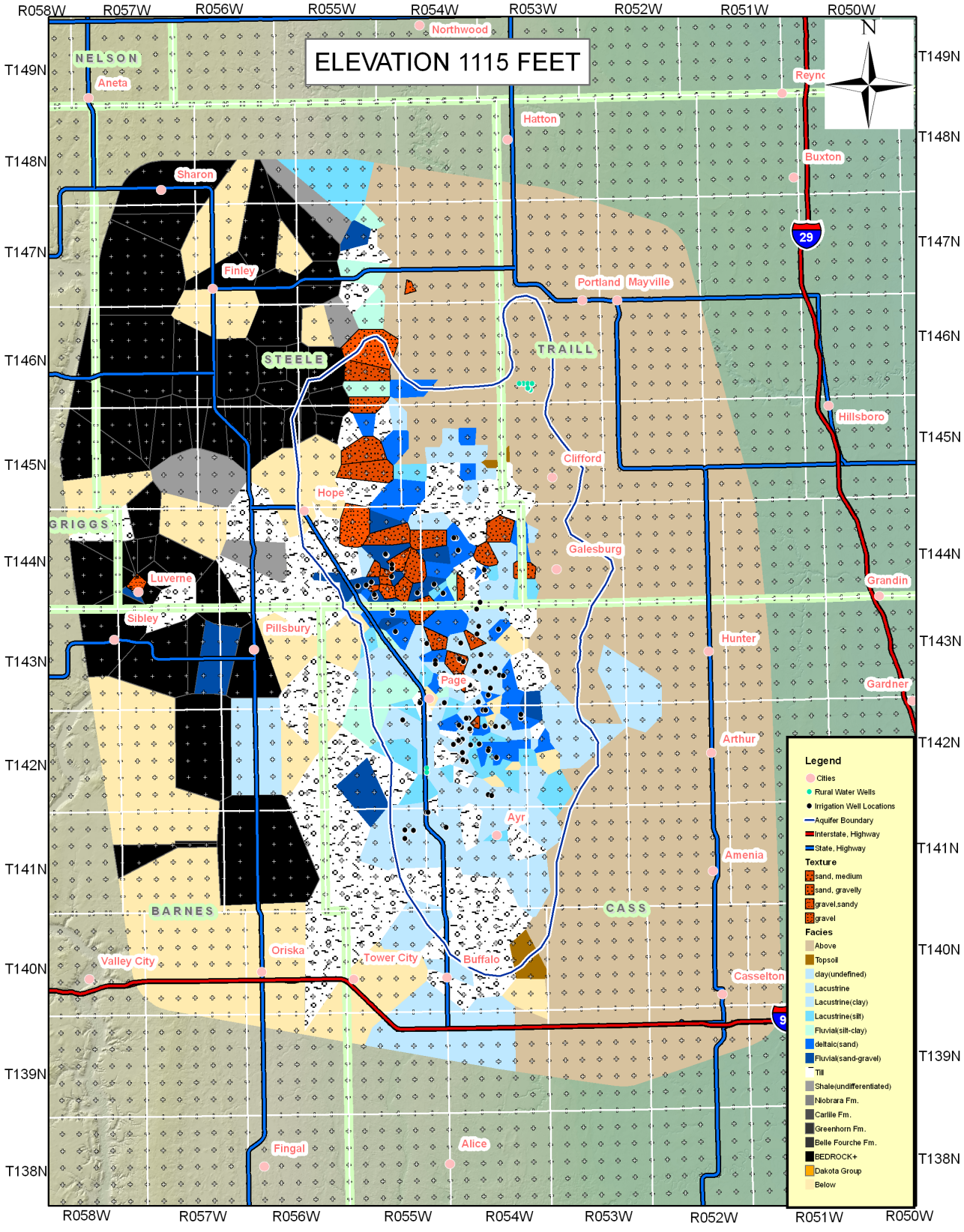

Figure C-40. -- Lithofacies slice at elevation 1115 feet.

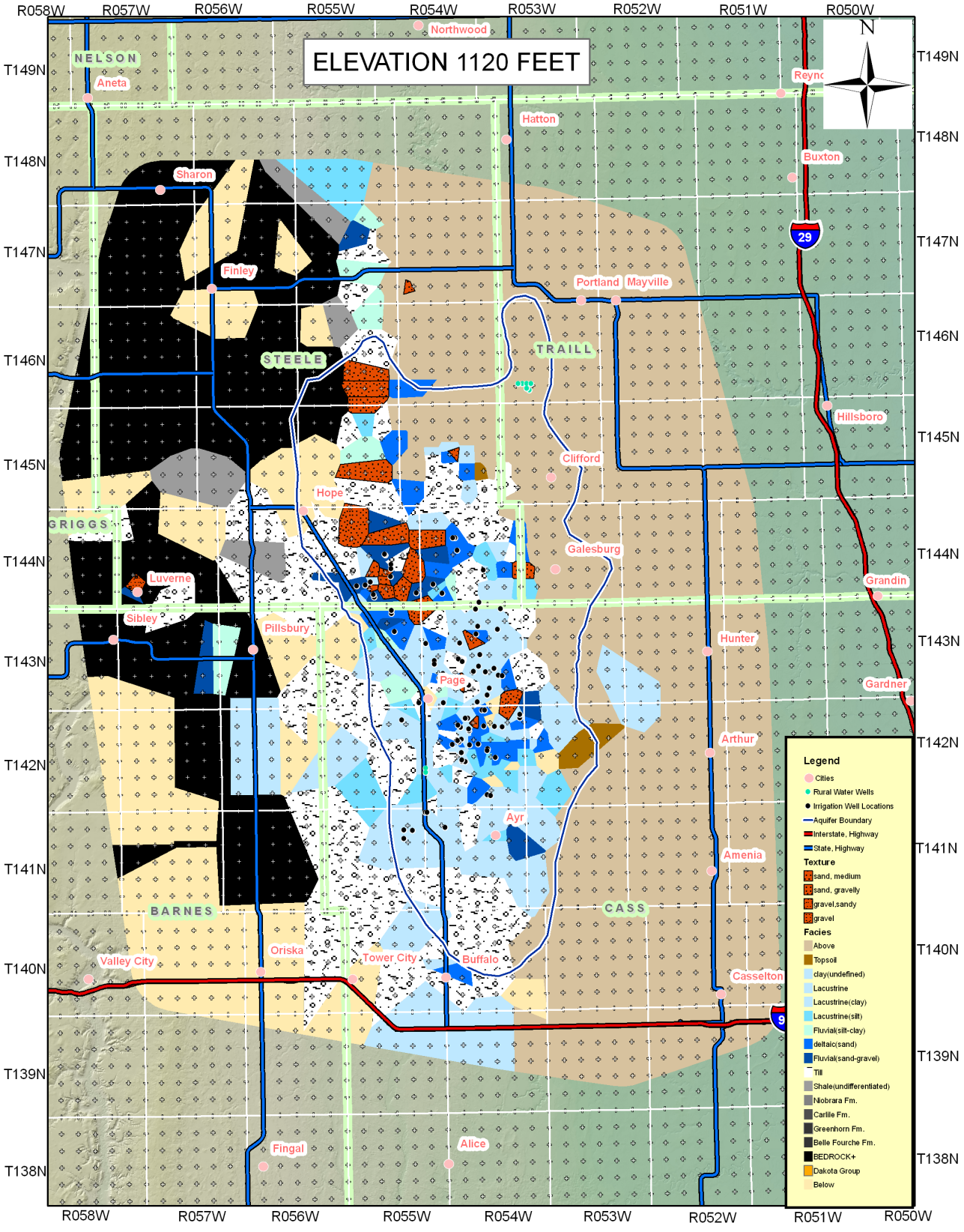

Figure C-41. -- Lithofacies slice at elevation 1120 feet.

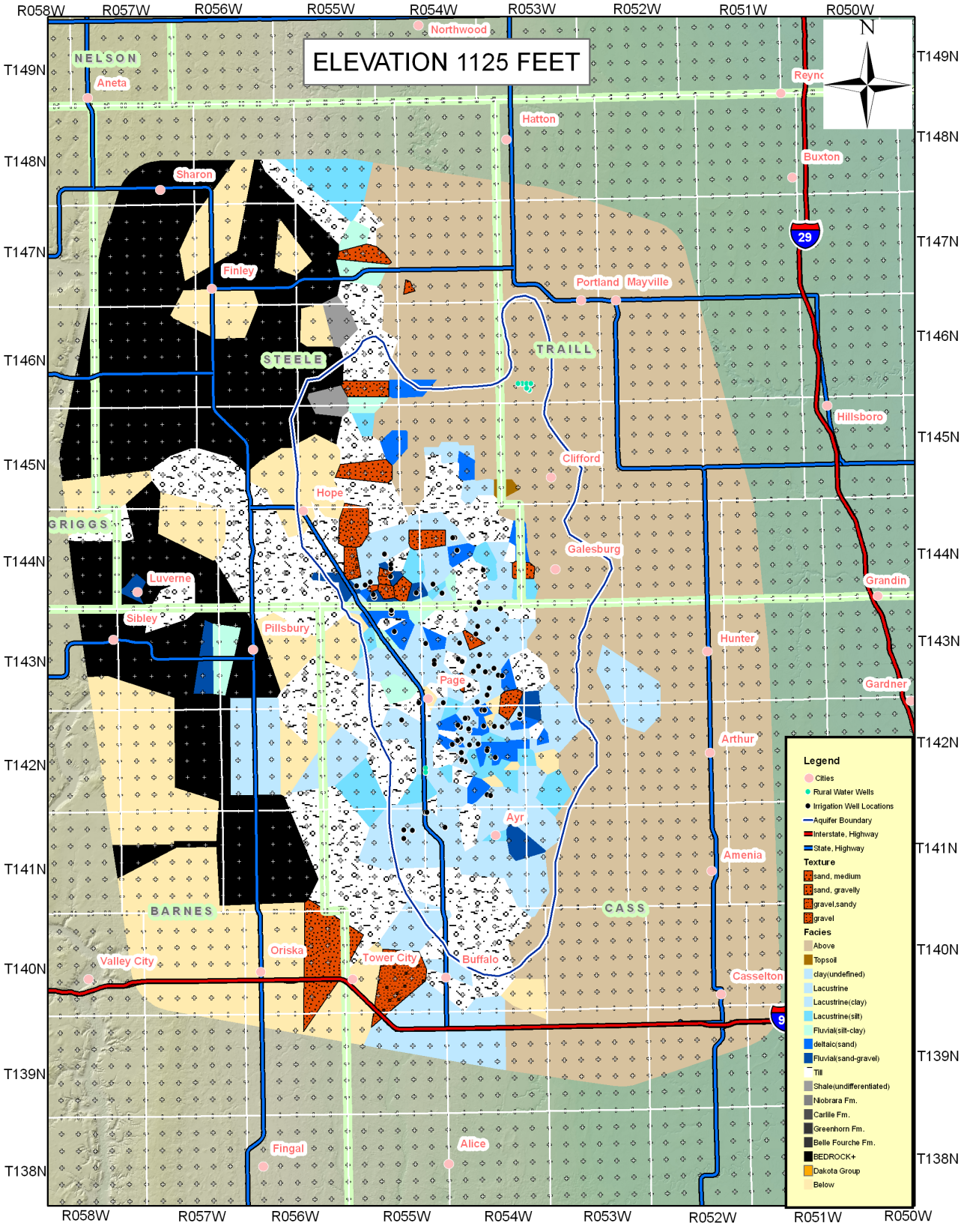

Figure C-42. -- Lithofacies slice at elevation 1125 feet.

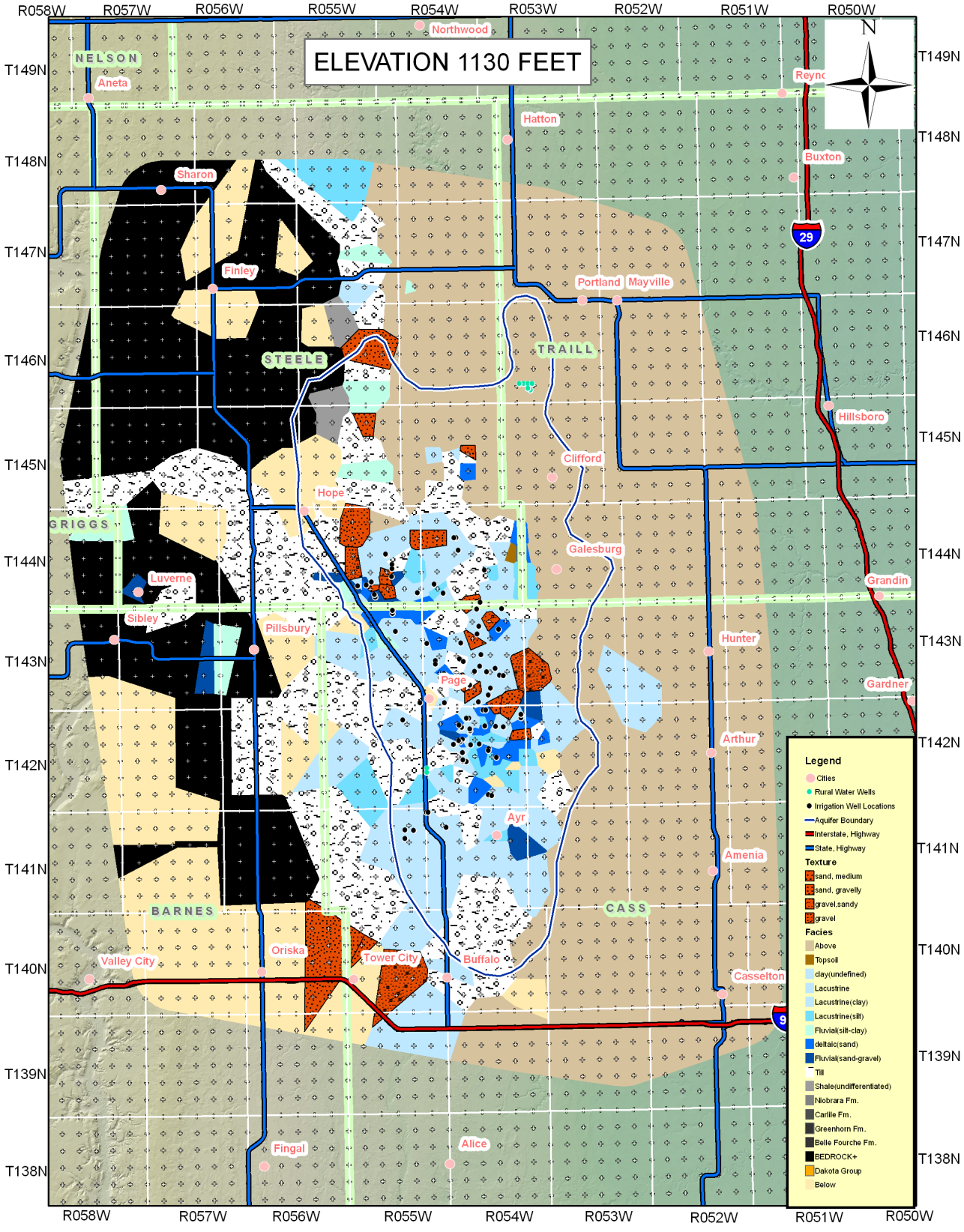

Figure C-43. -- Lithofacies slice at elevation 1130 feet.

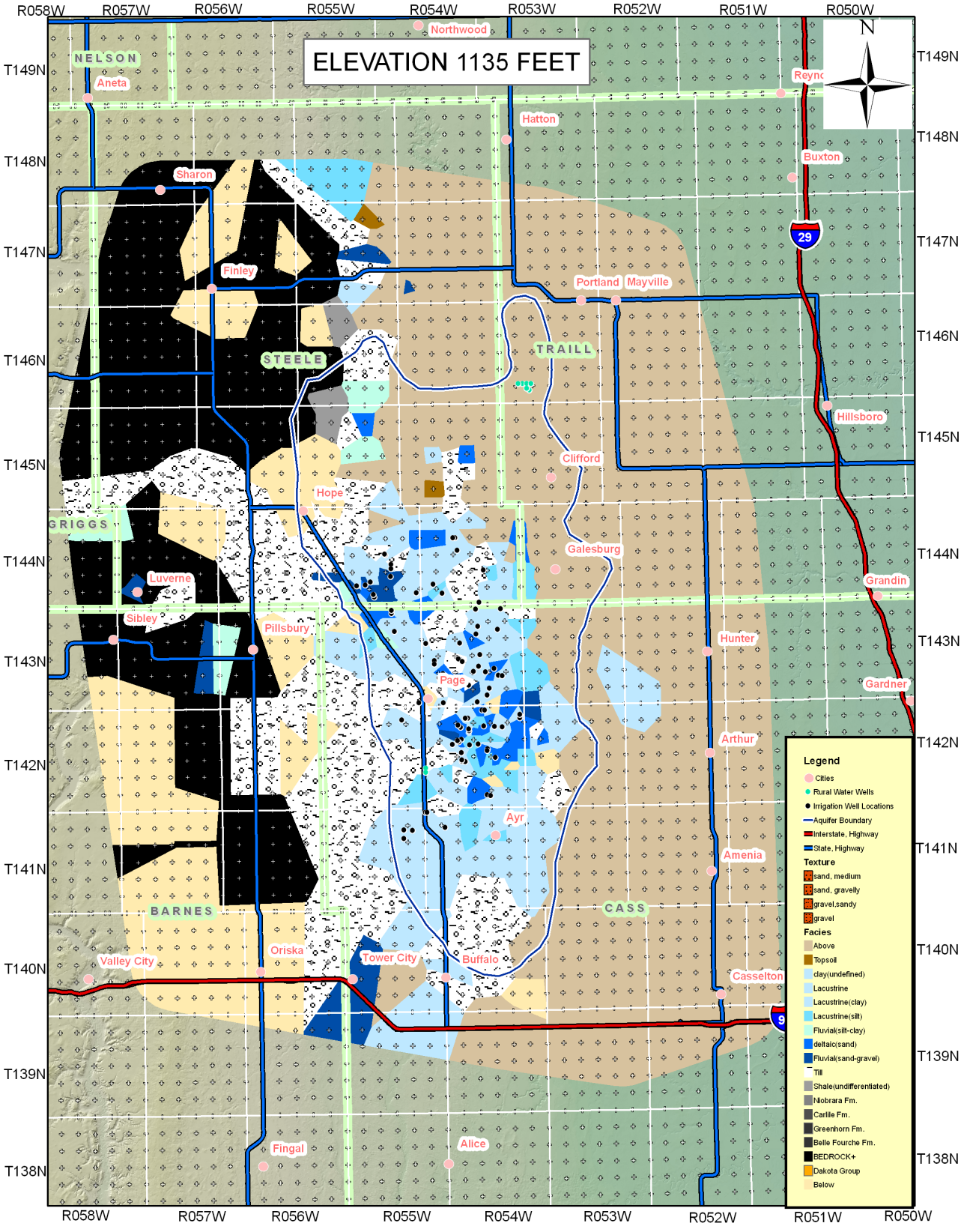

Figure C-44. -- Lithofacies slice at elevation 1135 feet.

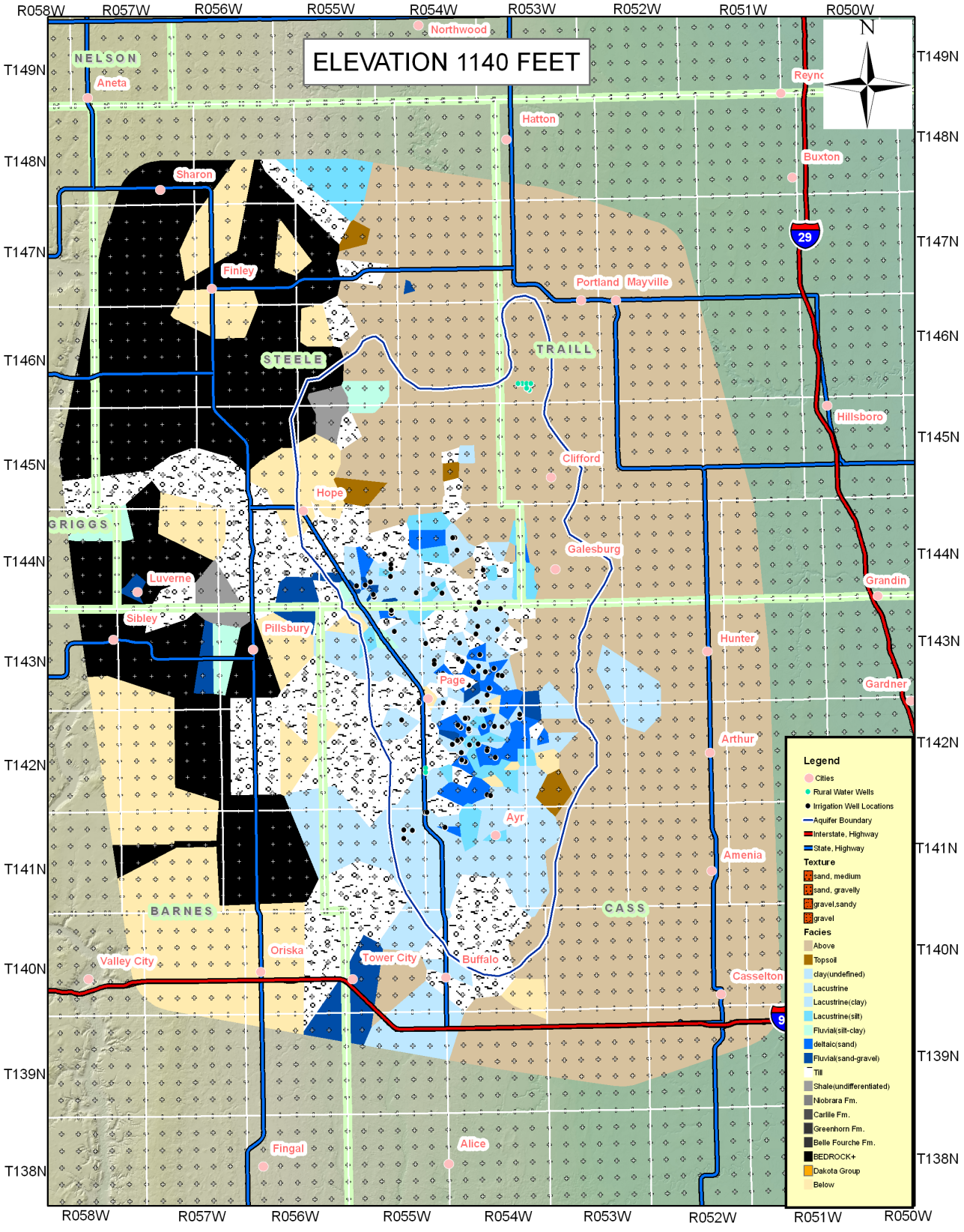

Figure C-45. -- Lithofacies slice at elevation 1140 feet.

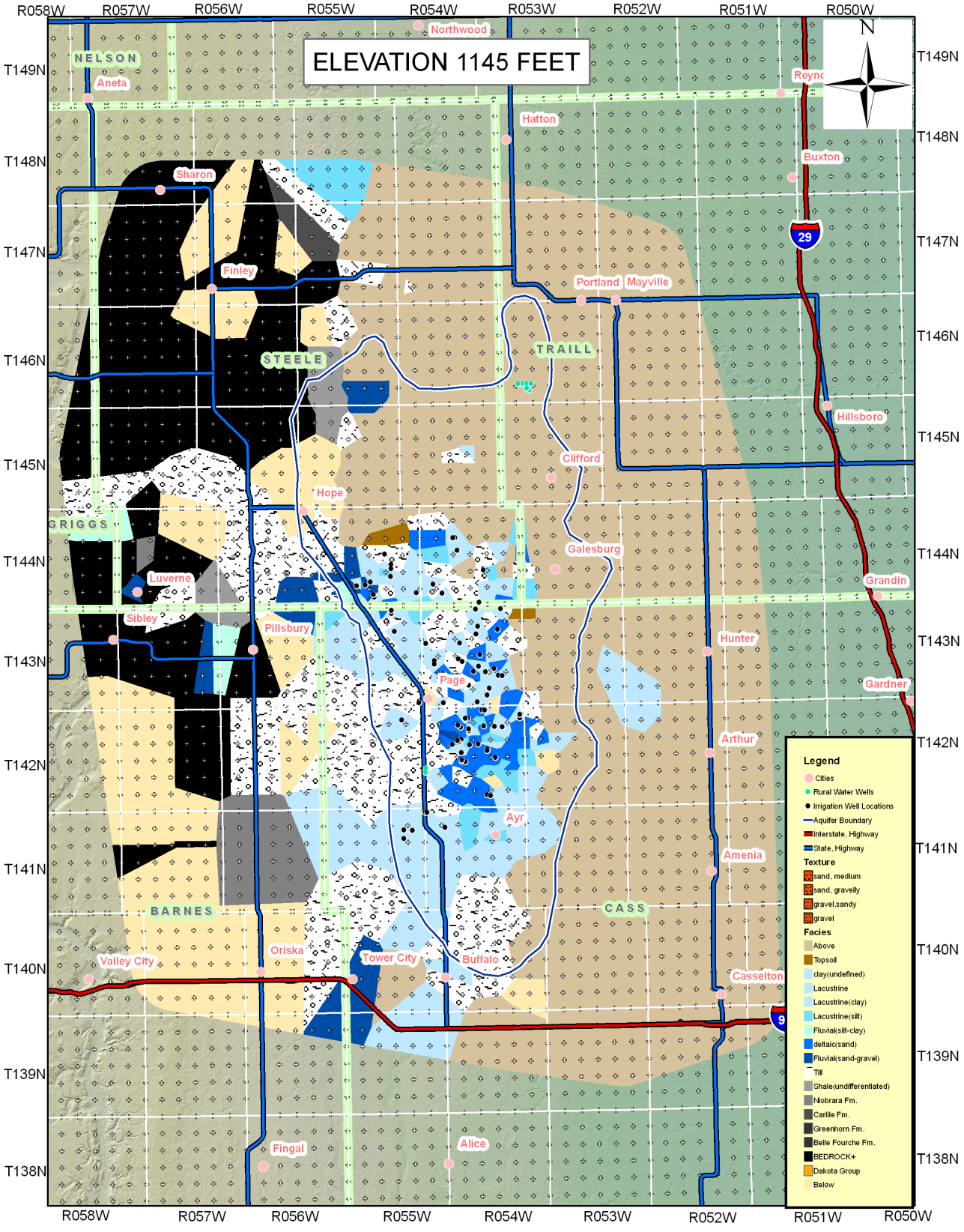

Figure C-46. -- Lithofacies slice at elevation 1145 feet.

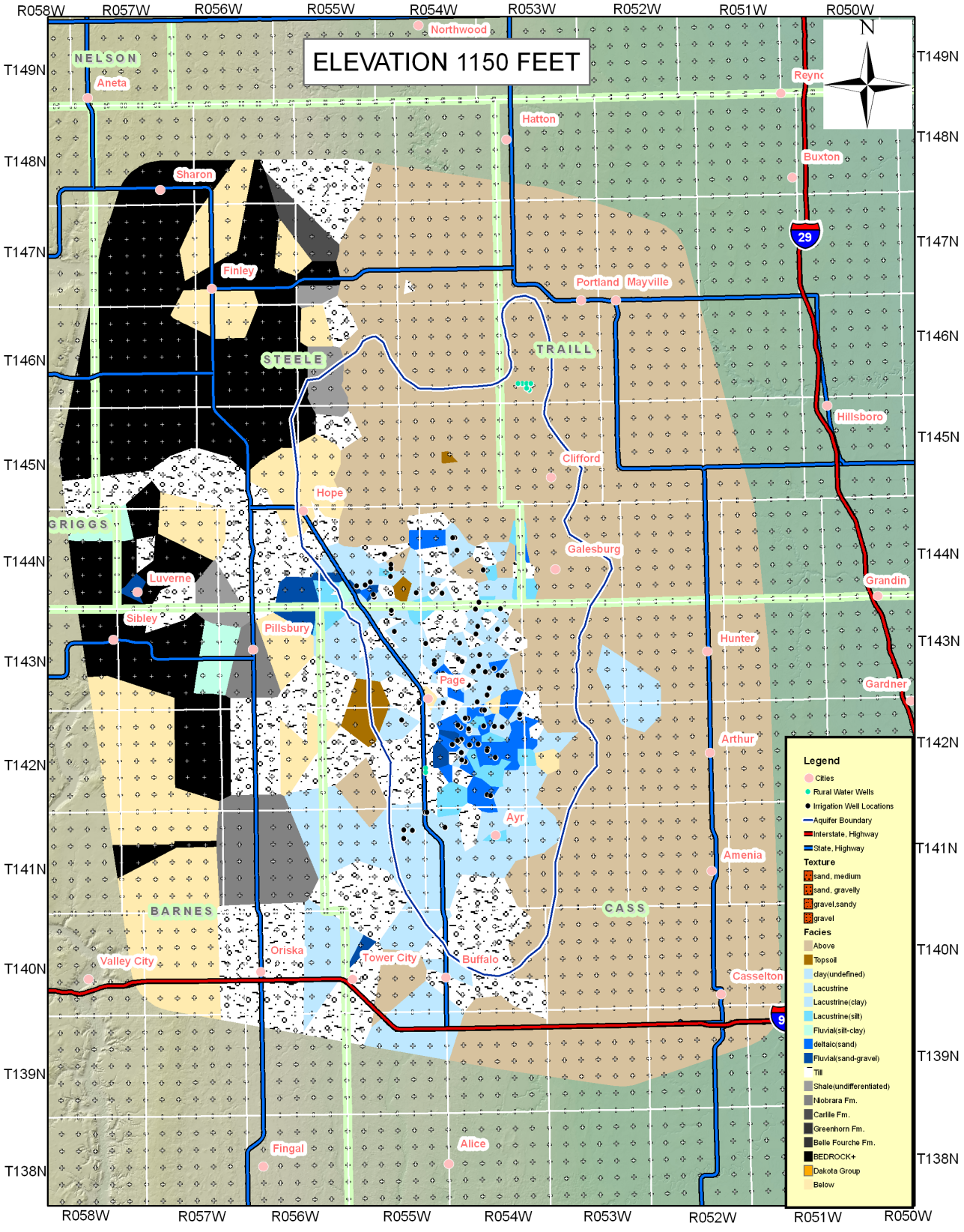

Figure C-47. -- Lithofacies slice at elevation 1150 feet.

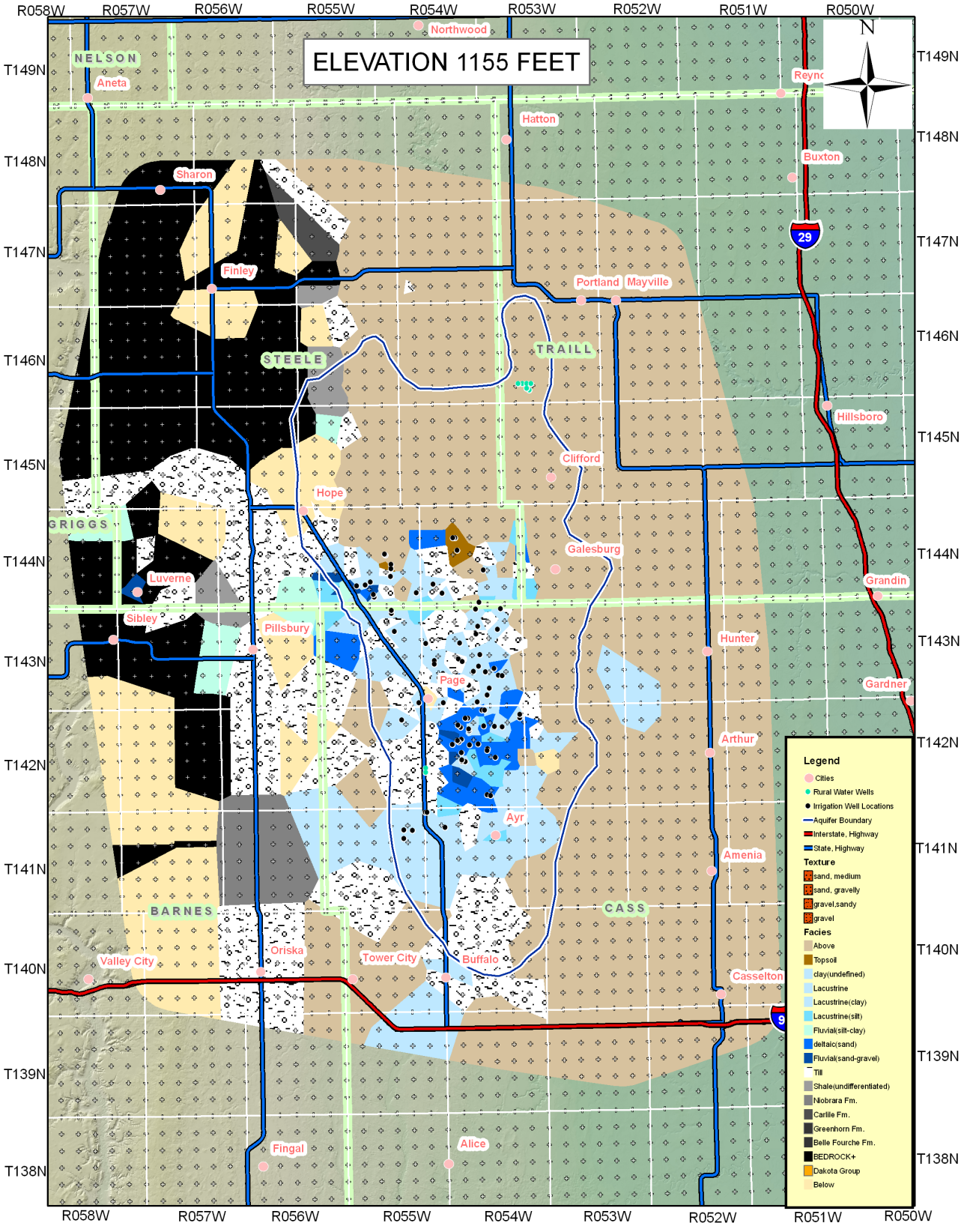

Figure C-48. -- Lithofacies slice at elevation 1155 feet.

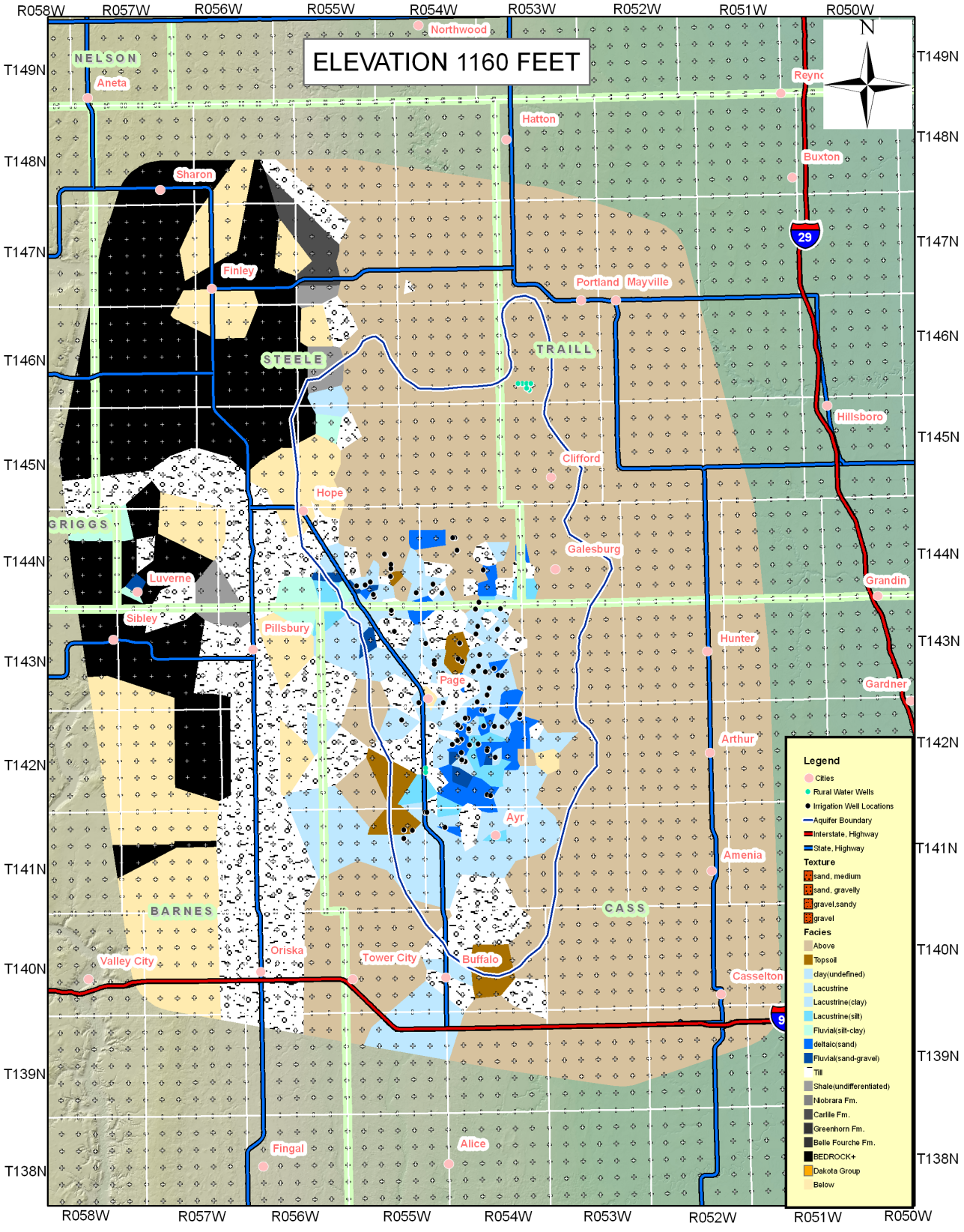

Figure C-49. -- Lithofacies slice at elevation 1160 feet.

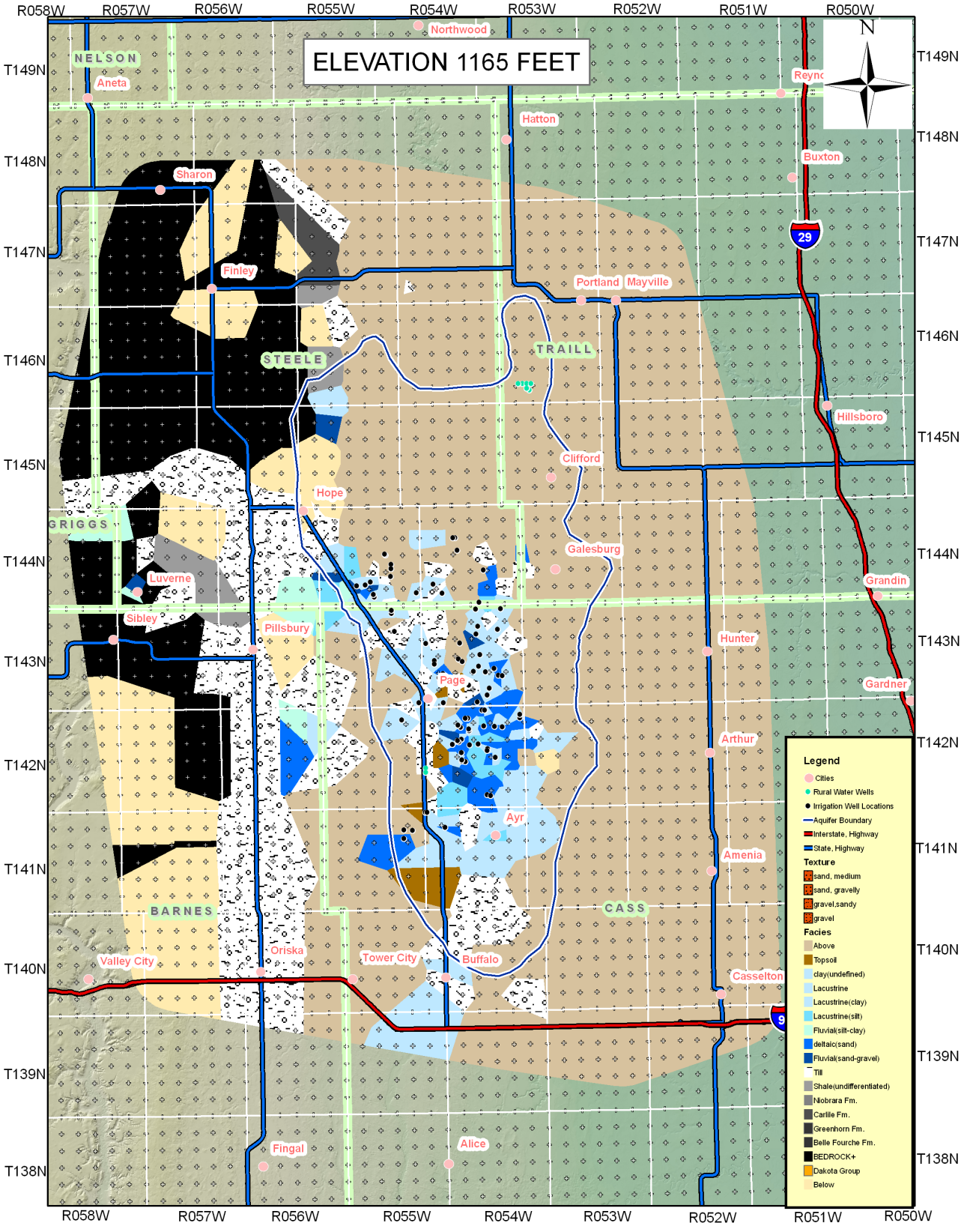

Figure C-50. -- Lithofacies slice at elevation 1165 feet.

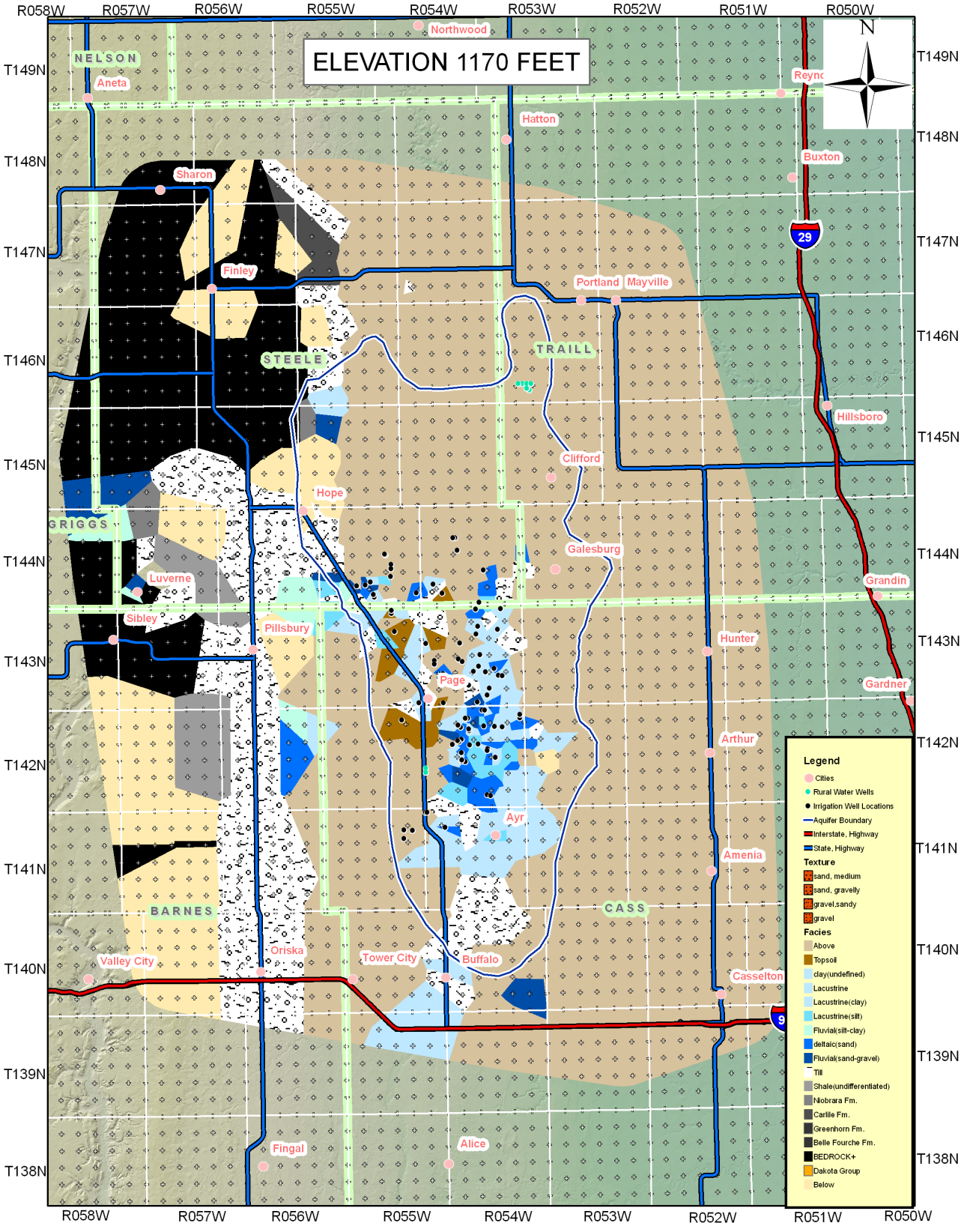

Figure C-51. -- Lithofacies slice at elevation 1170 feet.

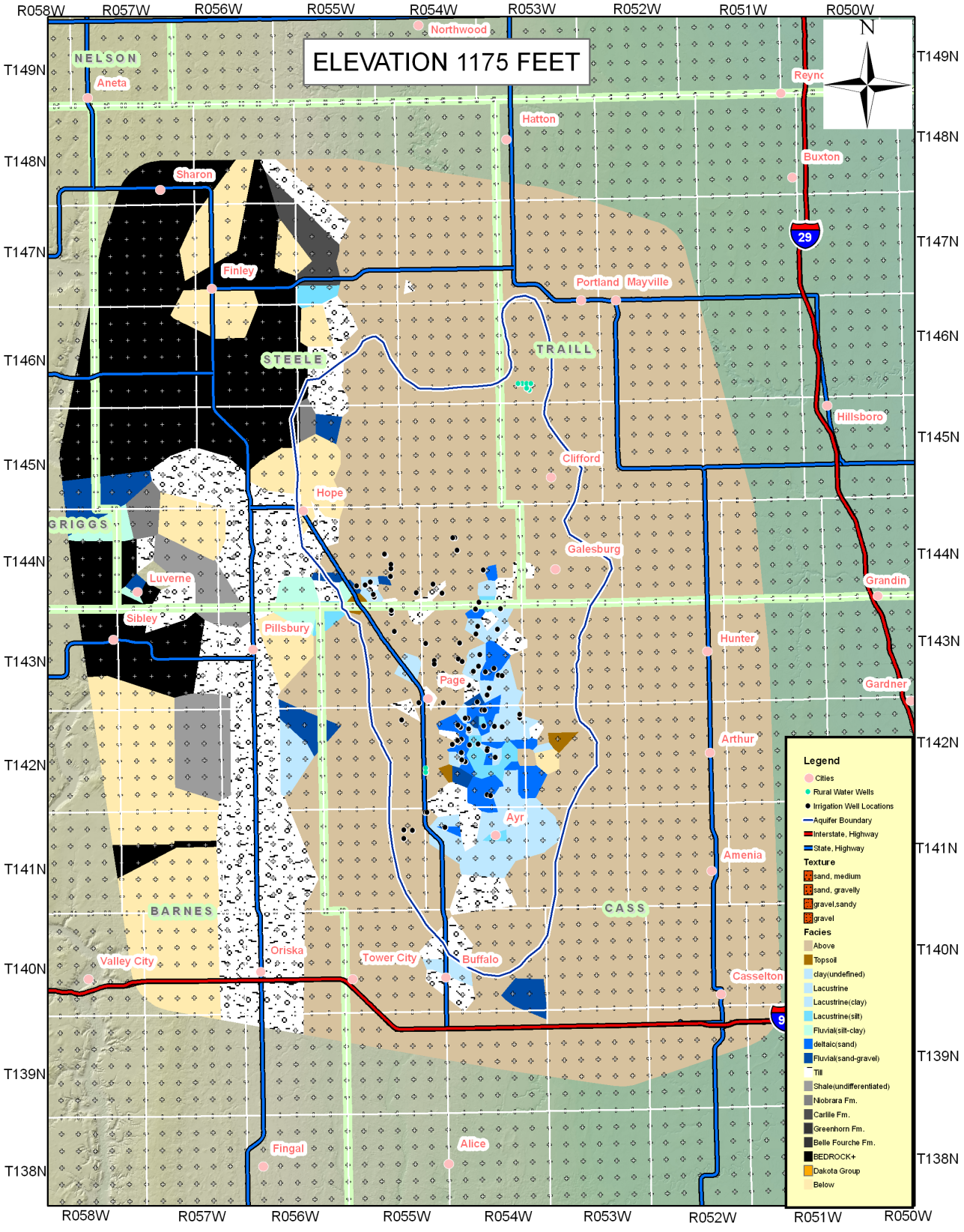

Figure C-52. -- Lithofacies slice at elevation 1175 feet.

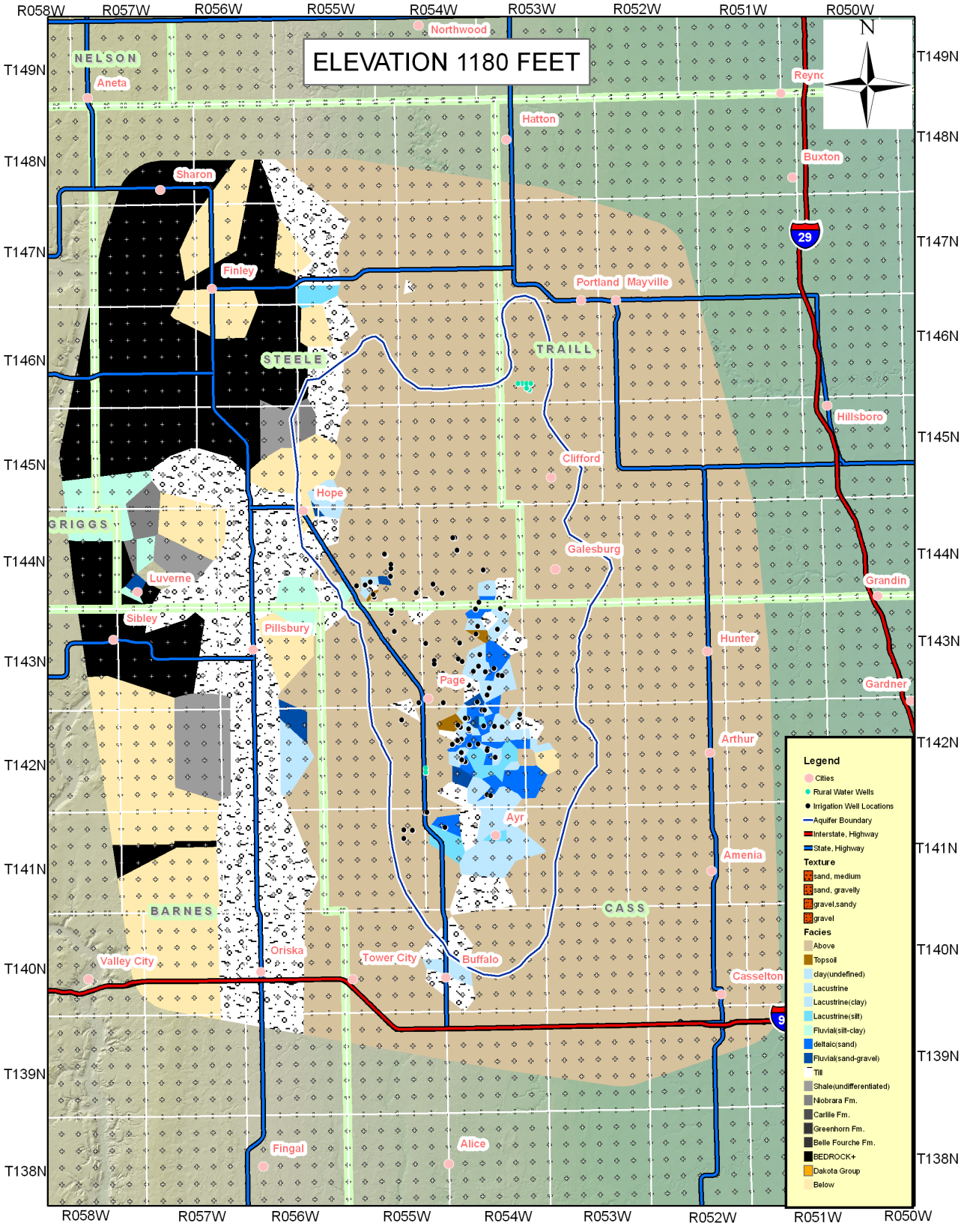

Figure C-53. -- Lithofacies slice at elevation 1180 feet.

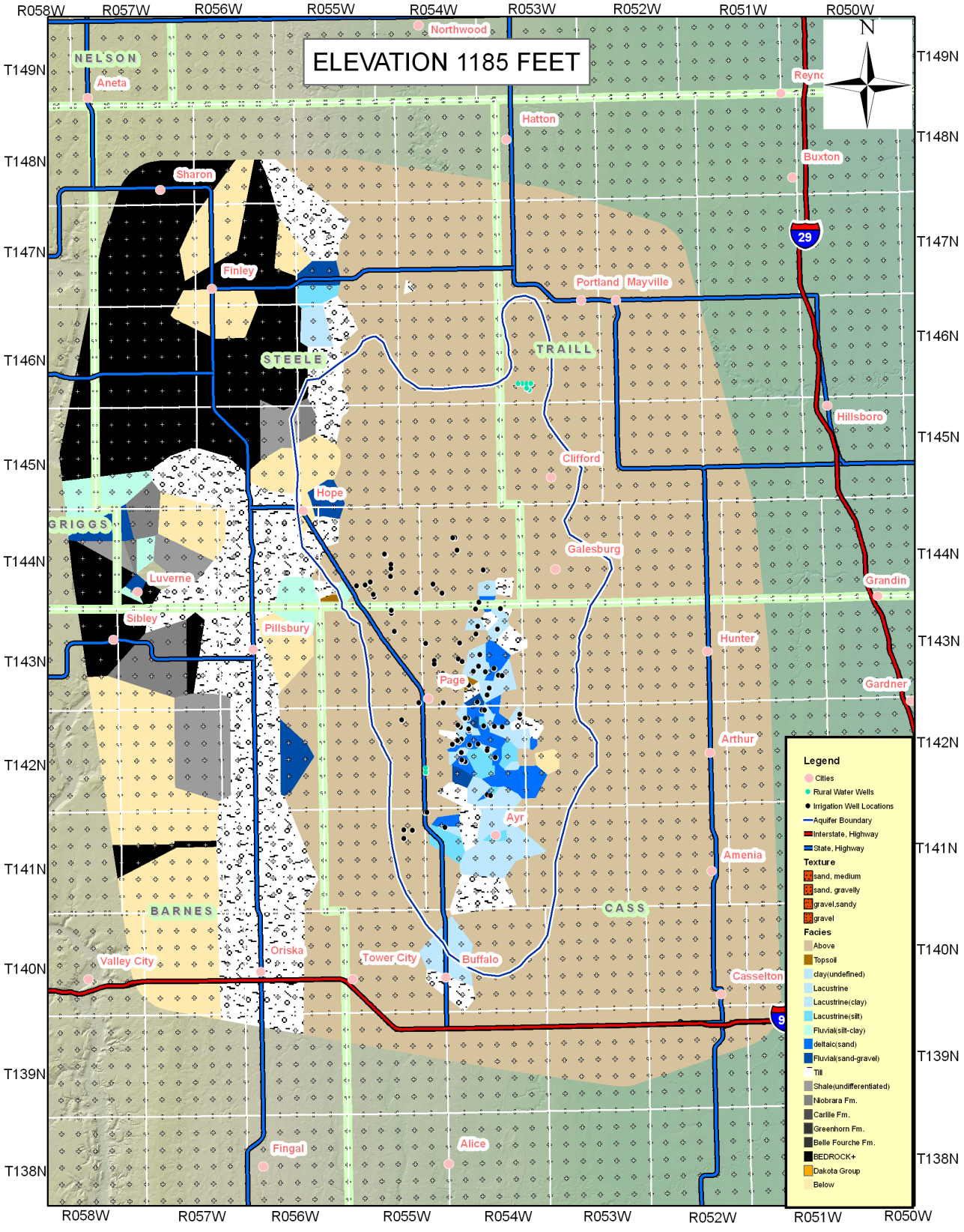

Figure C-54. -- Lithofacies slice at elevation 1185 feet.

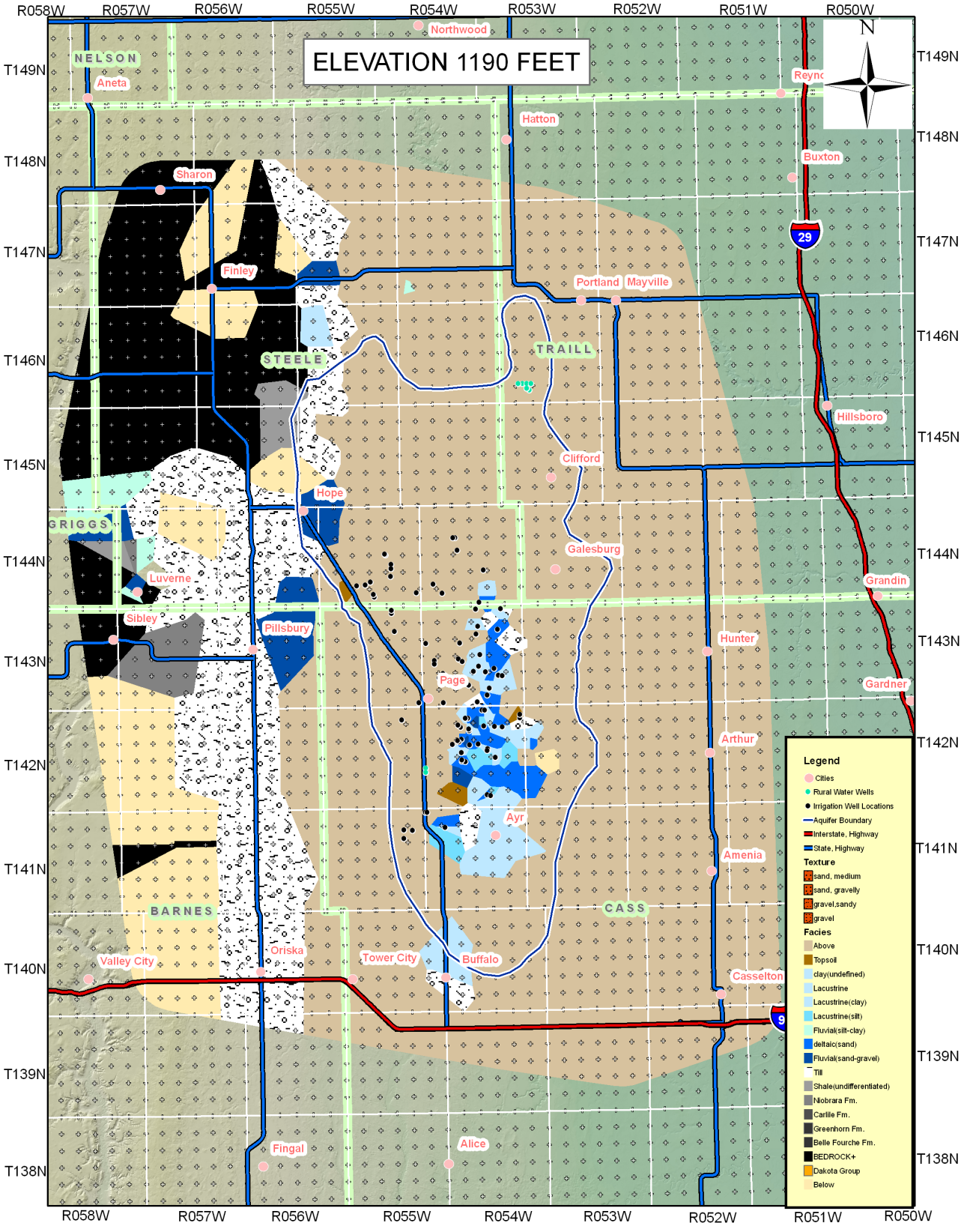

Figure C-55. -- Lithofacies slice at elevation 1190 feet.

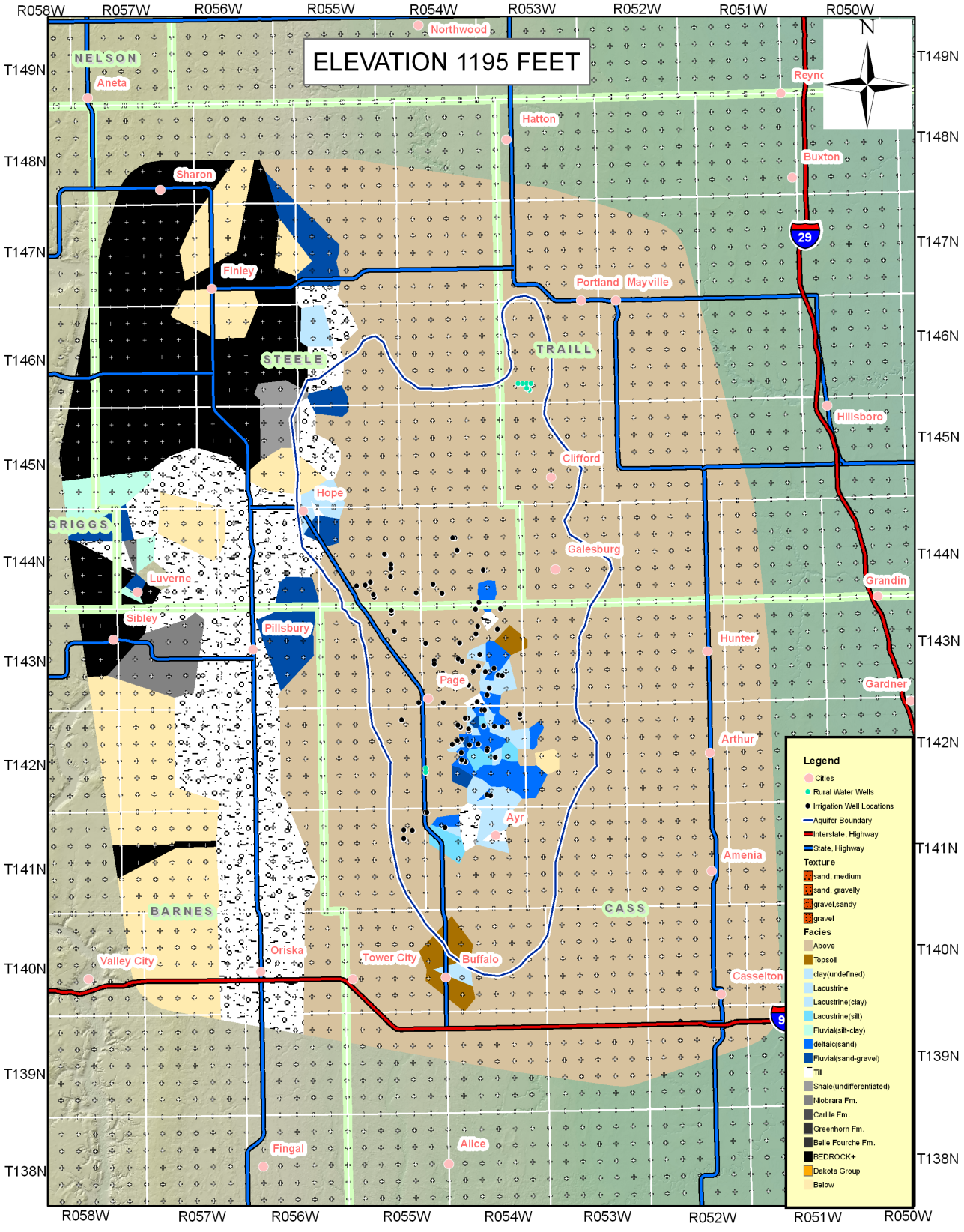

Figure C-56. -- Lithofacies slice at elevation 1195 feet.

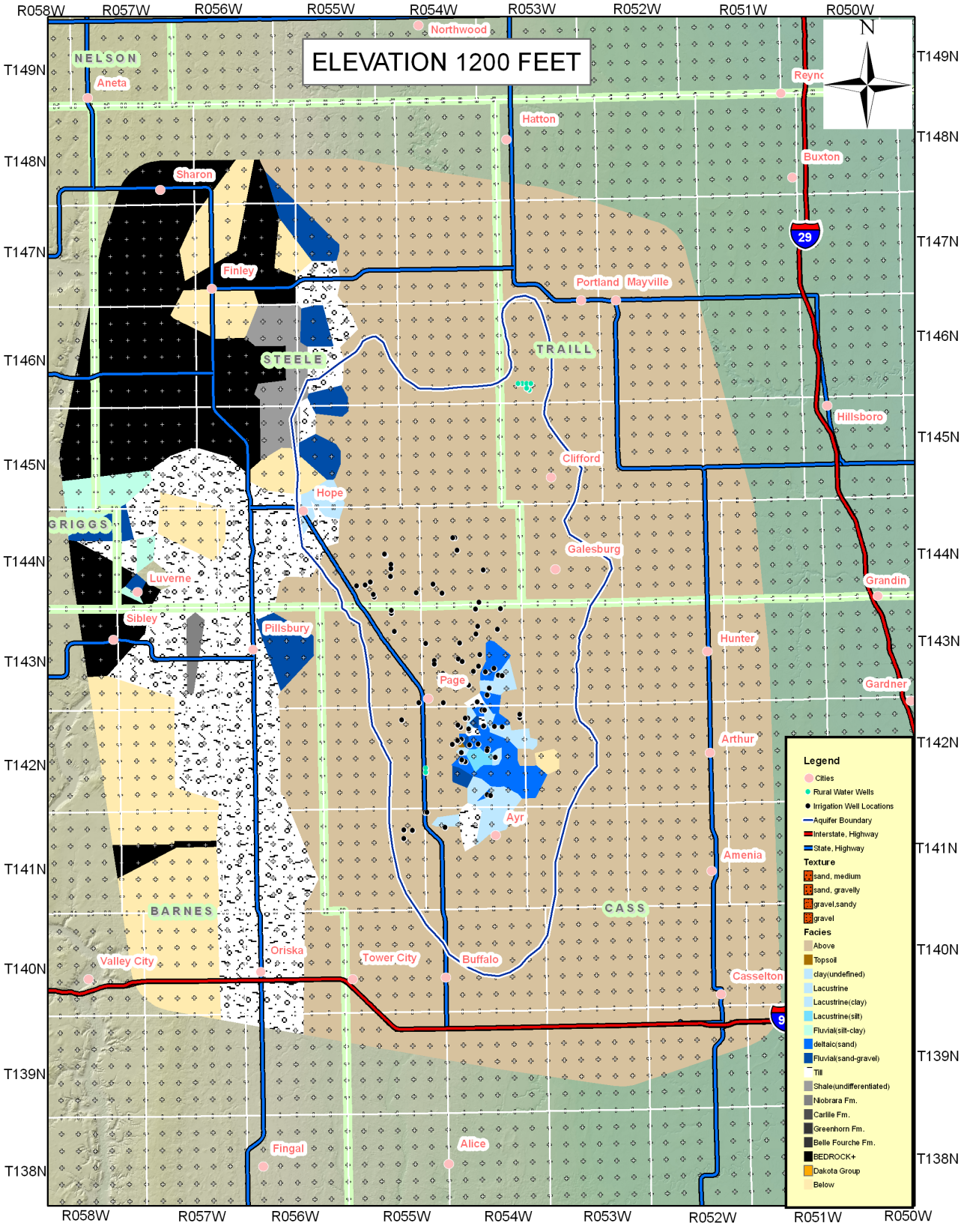

Figure C-57. -- Lithofacies slice at elevation 1200 feet.

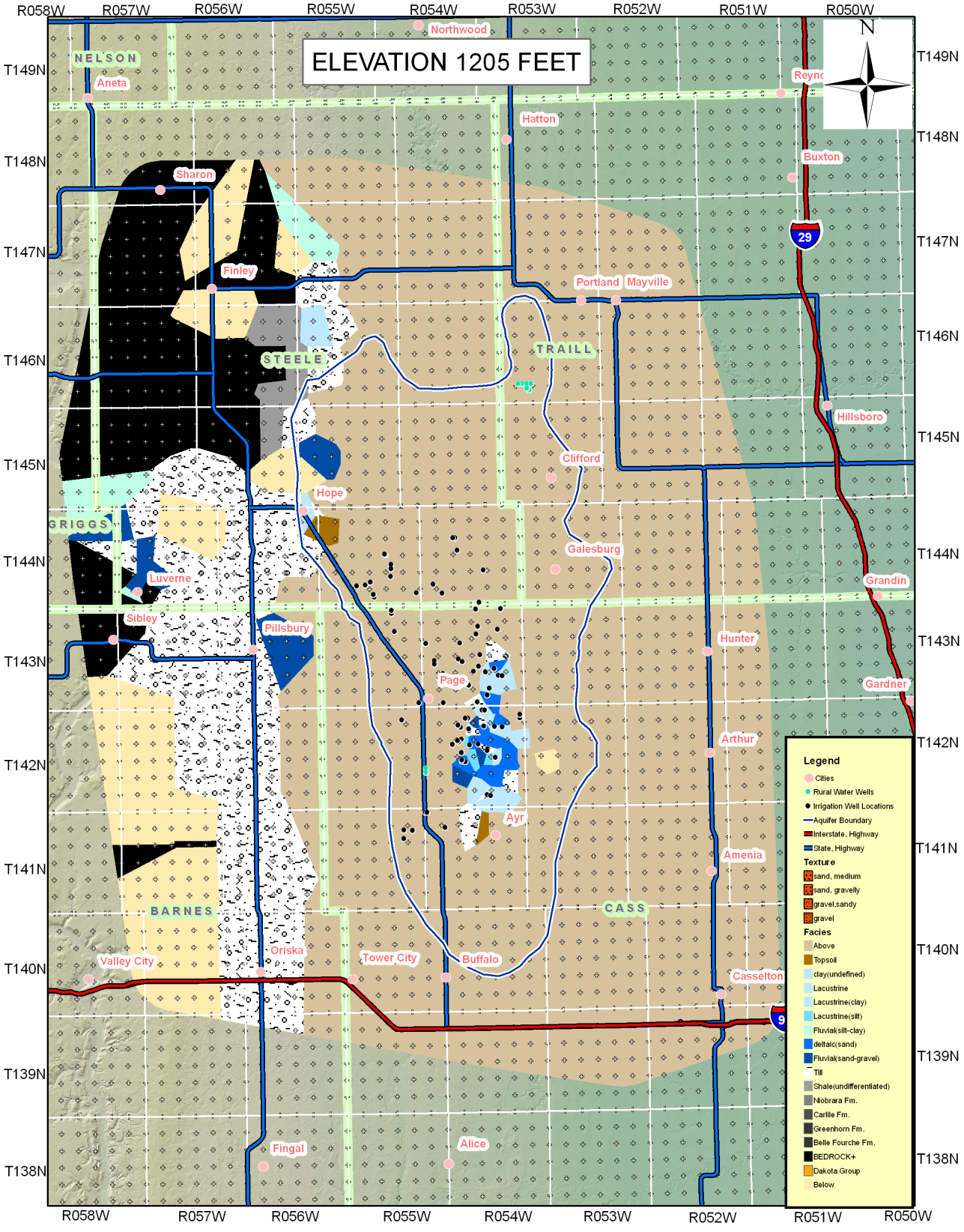

Figure C-58. -- Lithofacies slice at elevation 1205 feet.

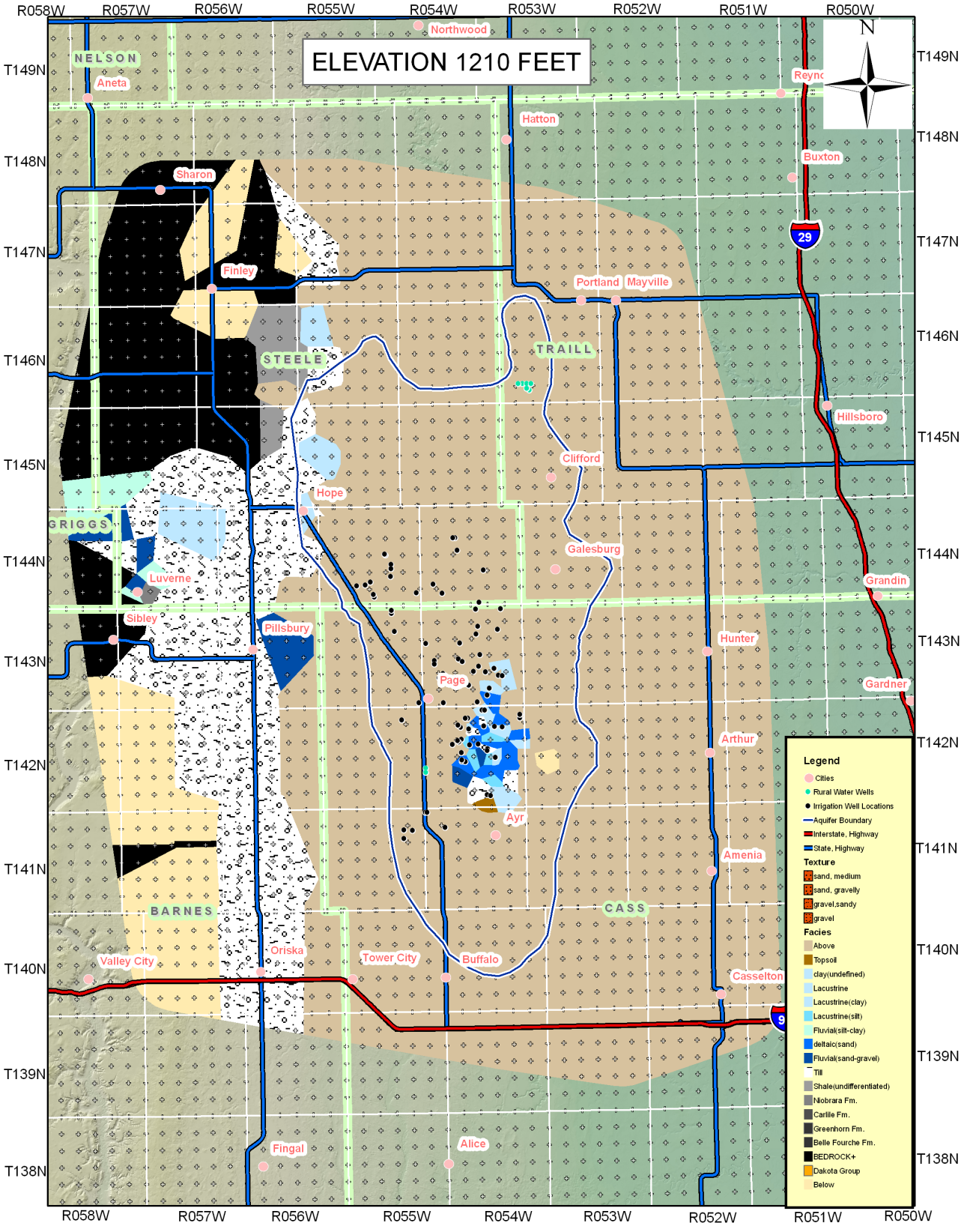

Figure C-59. -- Lithofacies slice at elevation 1210 feet.

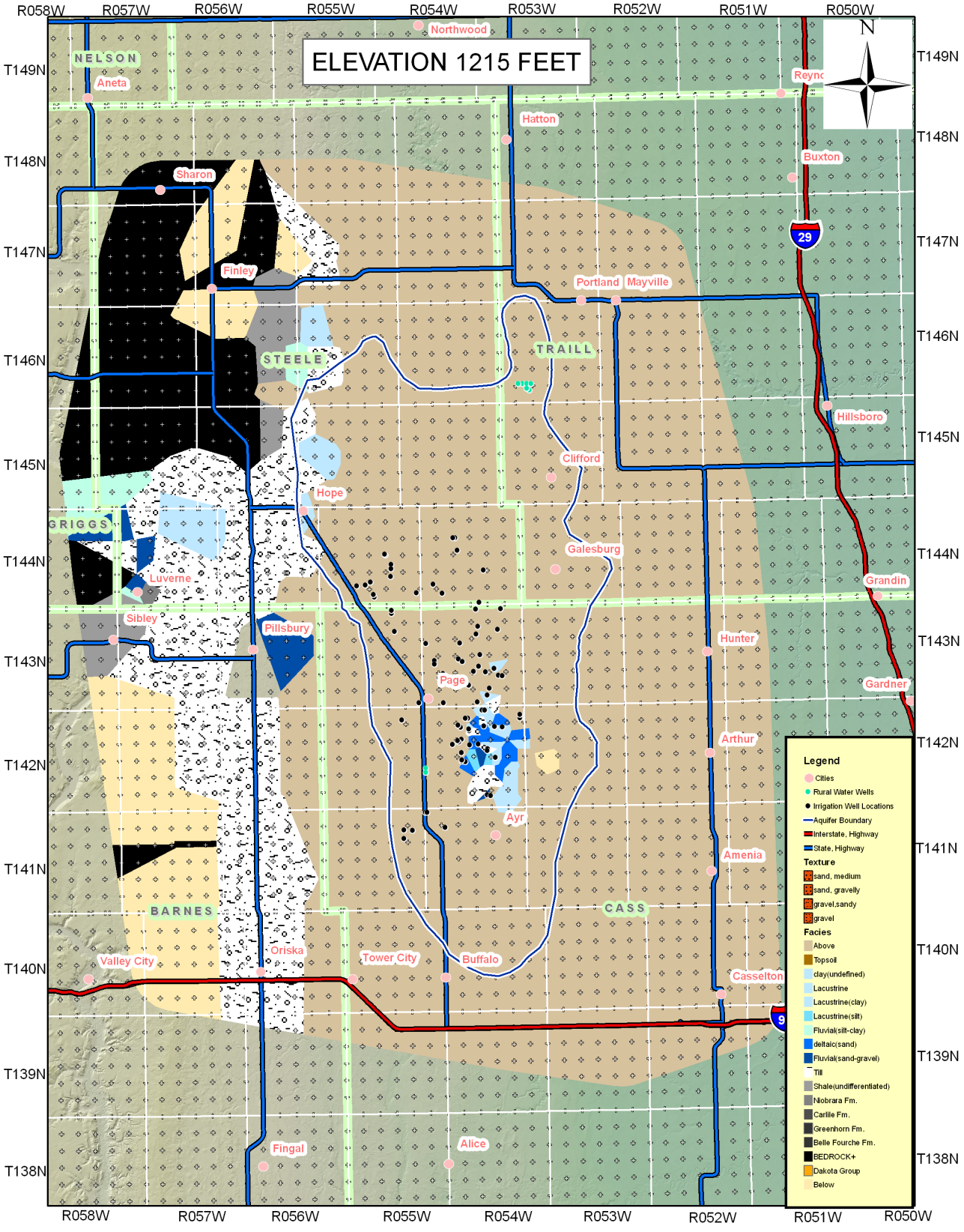

Figure C-60. -- Lithofacies slice at elevation 1215 feet.

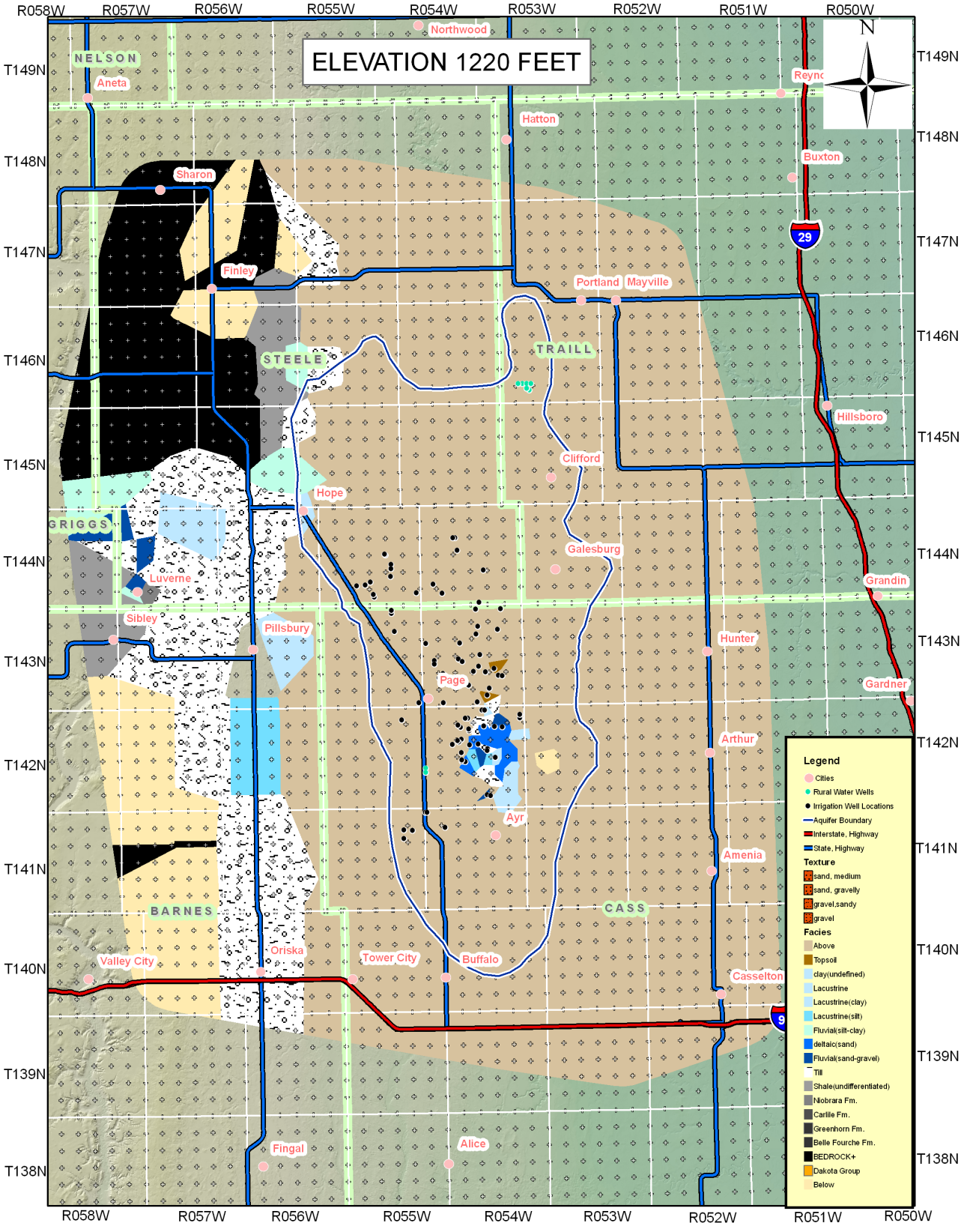

Figure C-61. -- Lithofacies slice at elevation 1220 feet.

Appendix D. - North Climate VB 2000 Estimates of Precipitation, PET, AET, PETgw, Recharge, and Irrigation

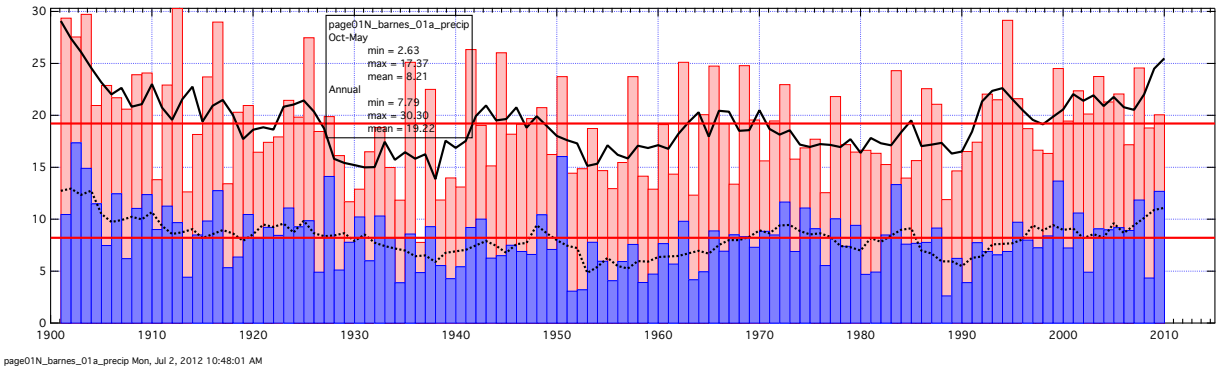

Figure D-1. -- Annual water year and winter precipitation (inches) 1901 through 2010 from VB2000 Page North dataset (page01N_barnes_01a). The black solid and dashed lines show the five-year moving average respectively.

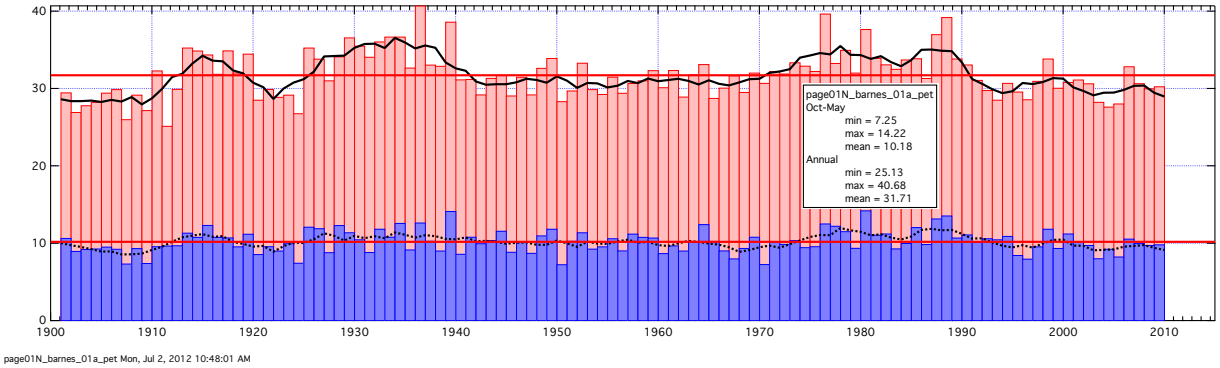

Figure D-2. -- Annual water year and winter PET (inches) 1901 through 2010 from VB2000 Page North dataset (page01N_barnes_01a). The black solid and dashed lines show the five-year moving average respectively.

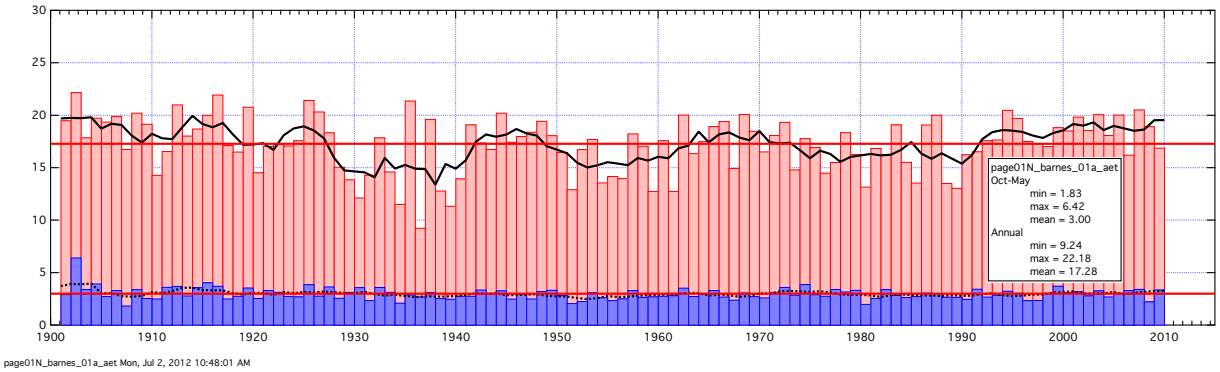

Figure D-3. -- Annual water year and winter actual evapotranspiration (AET) (inches) 1901 through 2010 from VB2000 Page North dataset (page01N_barnes_01a). The black solid and dashed lines show the five-year moving average respectively.

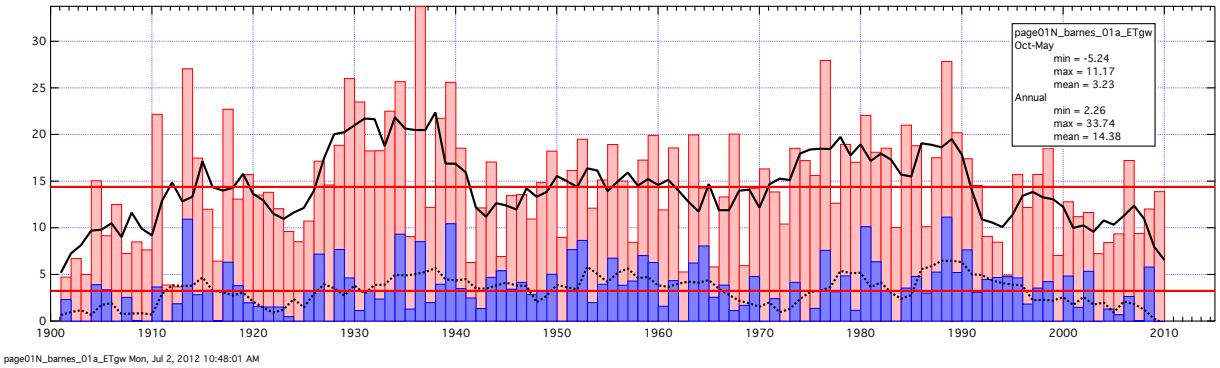

Figure D-4. -- Annual water year and winter ET from groundwater (inches) 1901 through 2010 from VB2000 Page North dataset (page01N_barnes_01a). This is PET - precipitation + recharge. The black solid and dashed lines show the five-year moving average respectively.

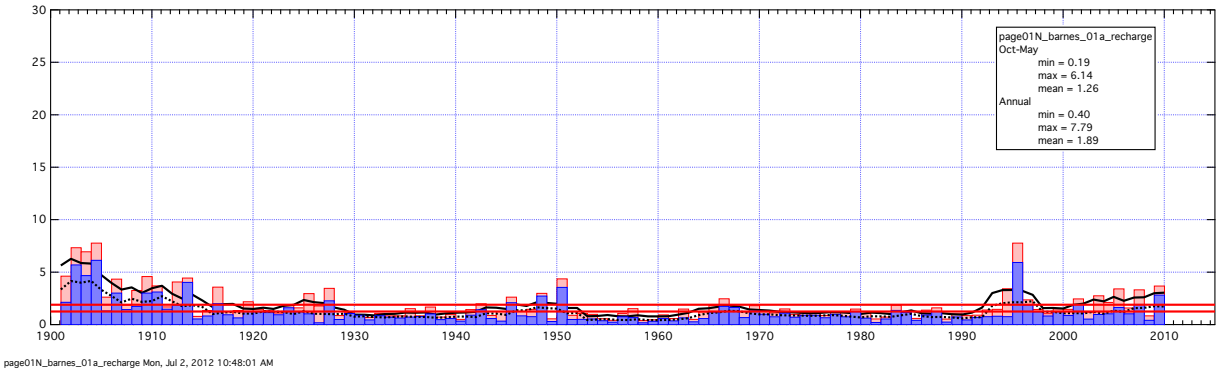

Figure D-5. -- Annual water year and winter Recharge (inches) 1901 through 2010 from VB2000 Page North dataset (page01N_barnes_01a). The black solid and dashed lines show the five-year moving average respectively.

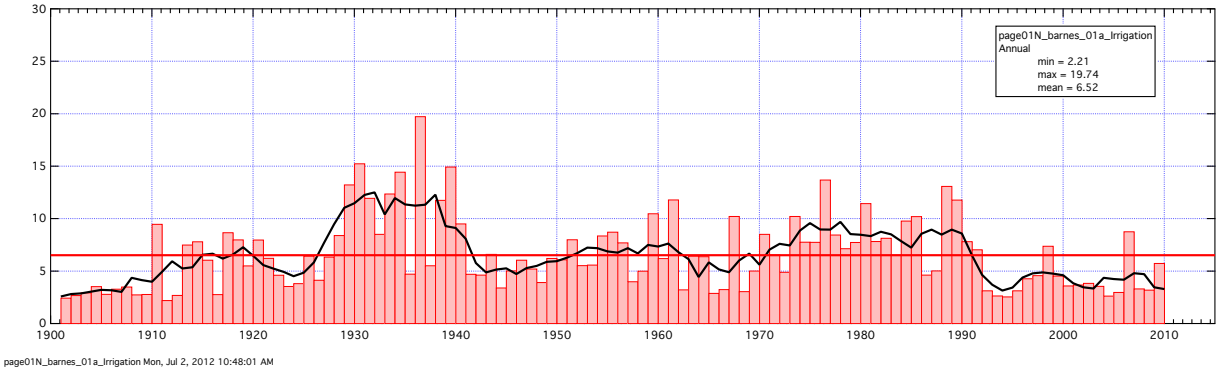

Figure D-6. -- Annual irrigation (inches) 1901 through 2010 from VB2000 Page North dataset (page01N_barnes_01a). The black solid line shows the five-year moving average.

Appendix E. - Observed vs. Simulated Water Levels A1 vs. B1

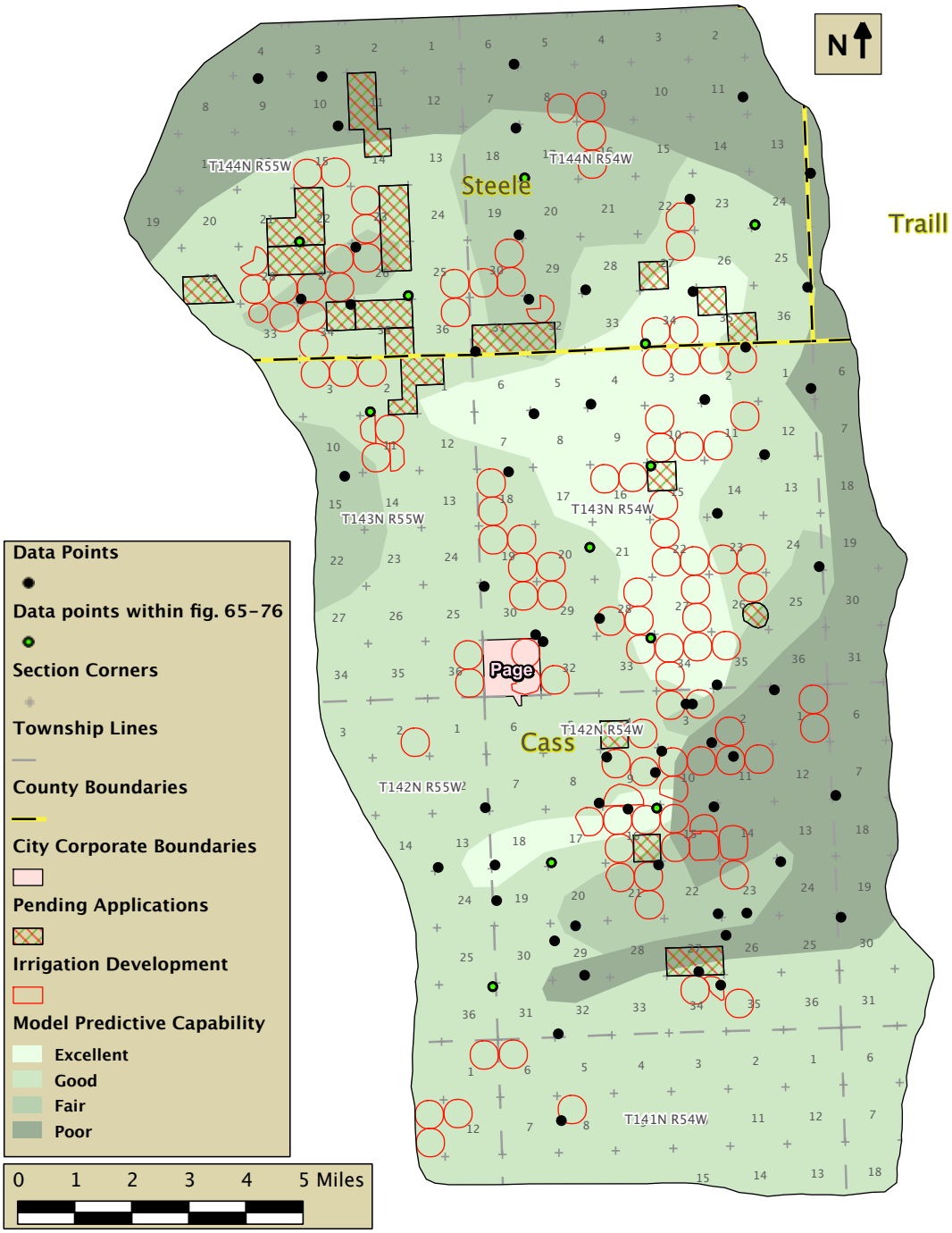

Figure E-1. -- Location of data points associated with 76 hydrographs in Appendix E comparing simulated (Run A1 and Run B1) and observed water levels. [Map also shows predictive capability of the transient model.]

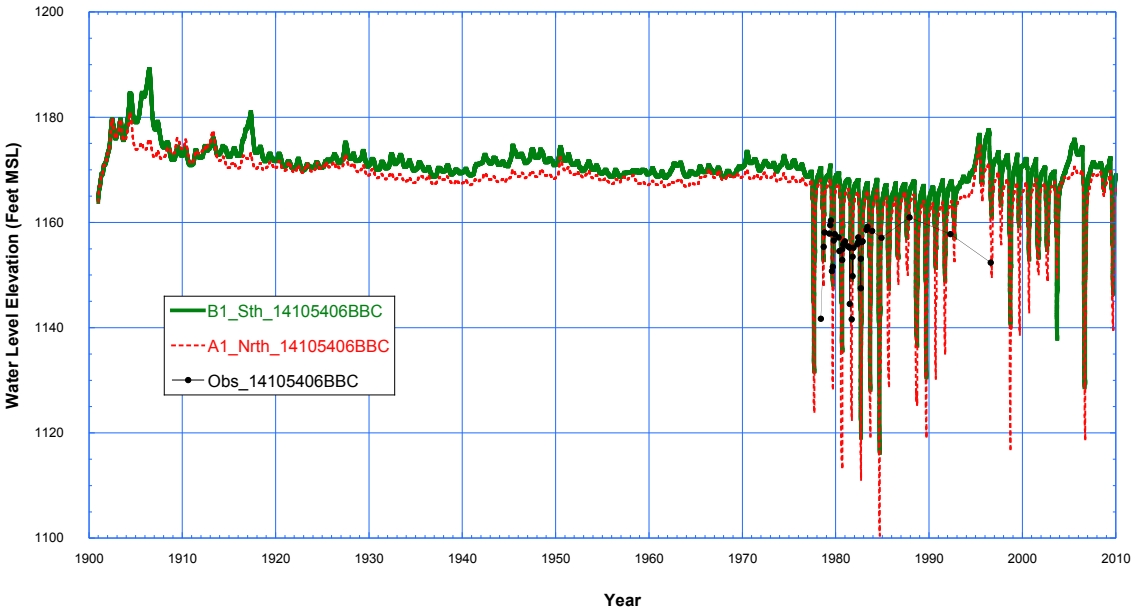

Figure E-2. --Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 1410546BBC.

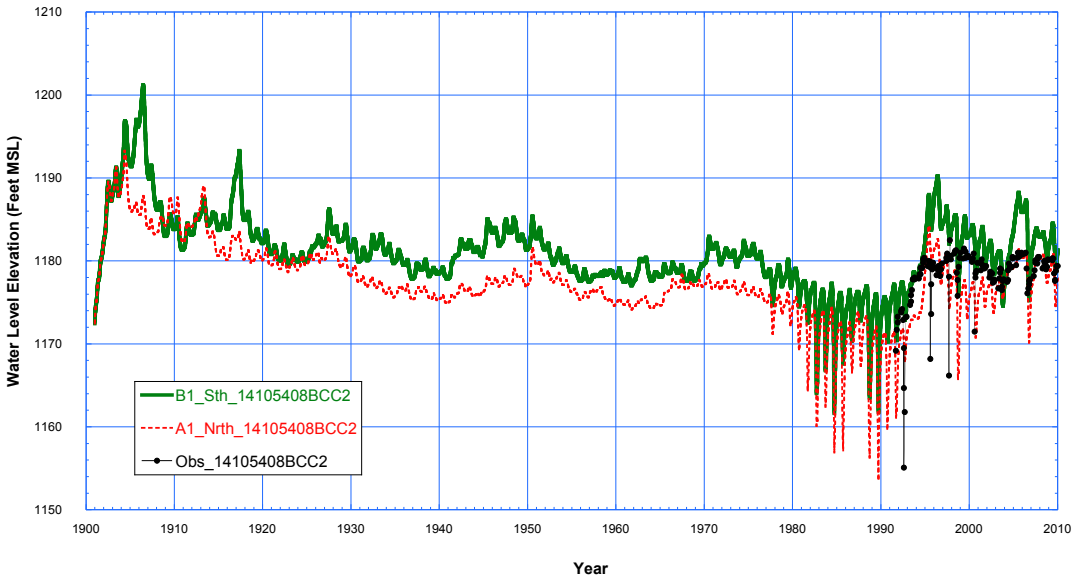

Figure E-3. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14105408BCC2.

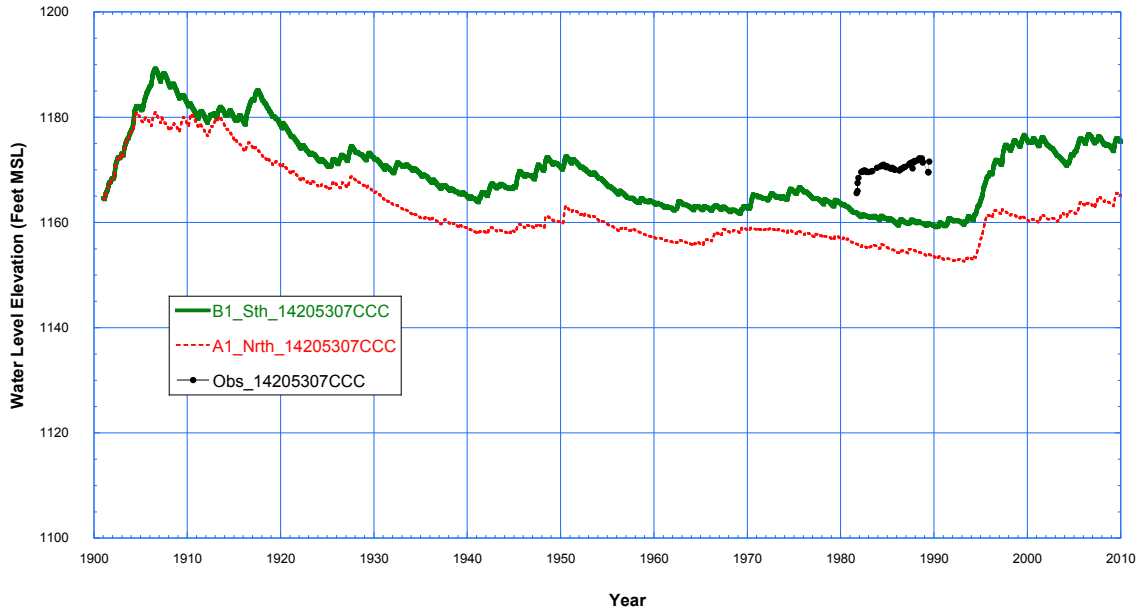

Figure E-4. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205307CCC.

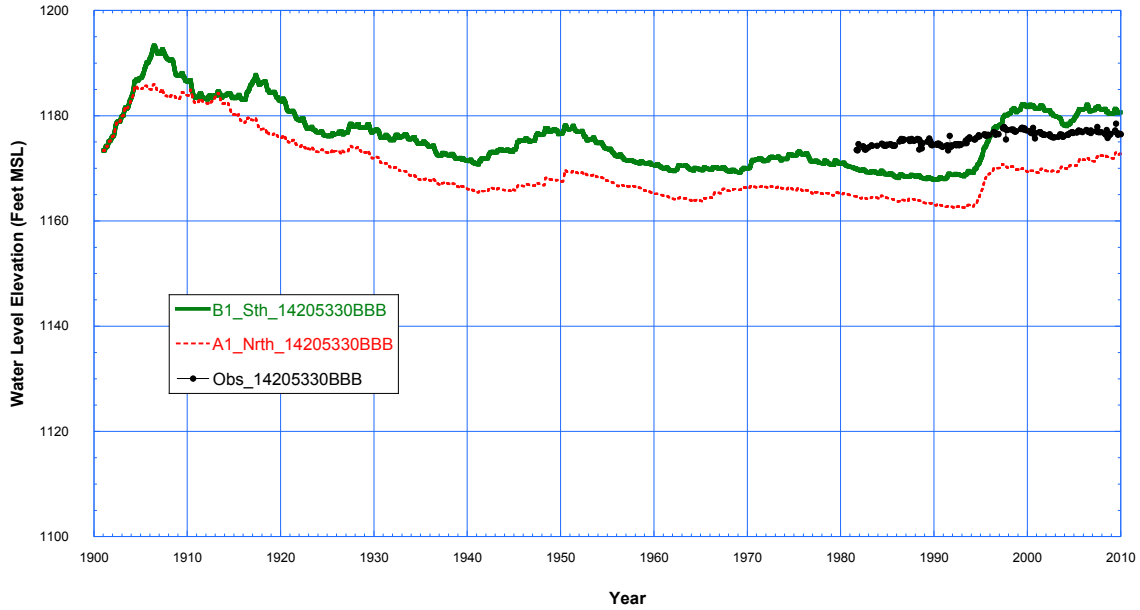

Figure E-5. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 1420530BBB.

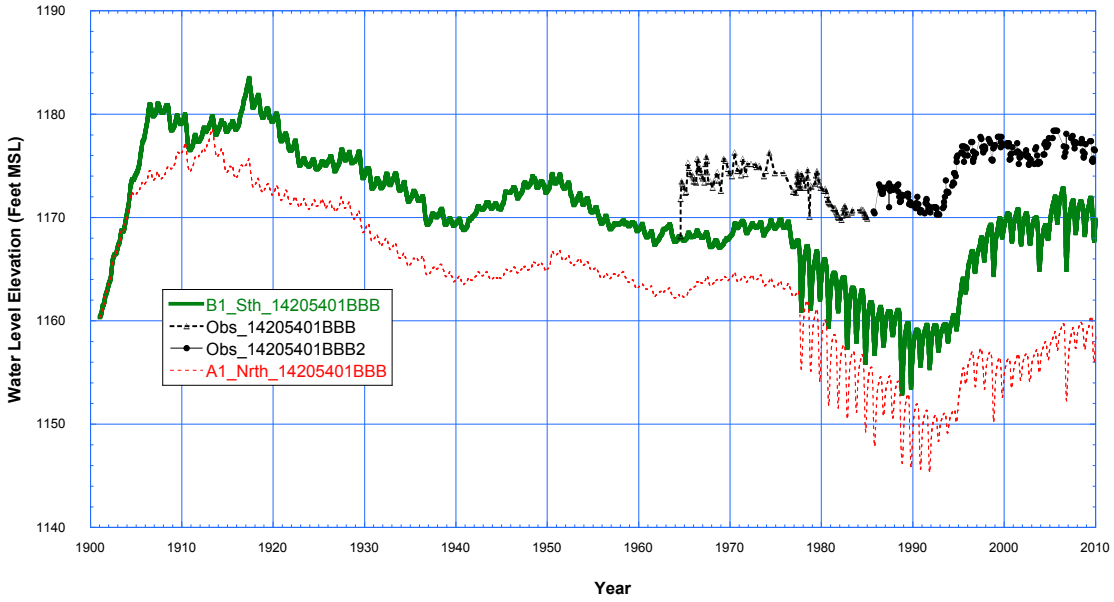

Figure E-5. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205401BBB1 & 2.

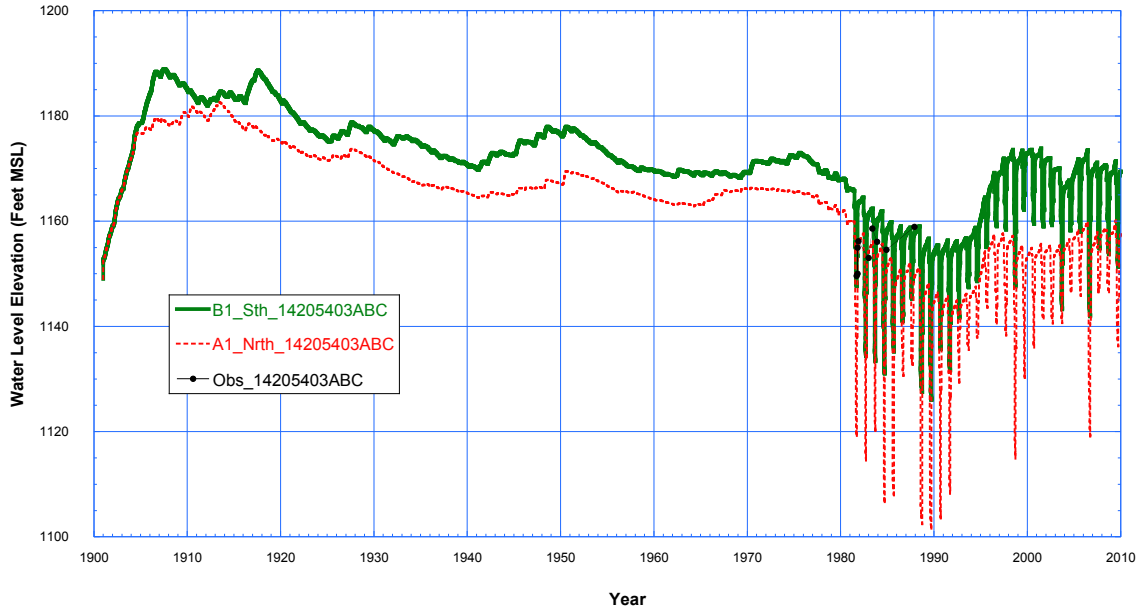

Figure E-7. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205403ABC.

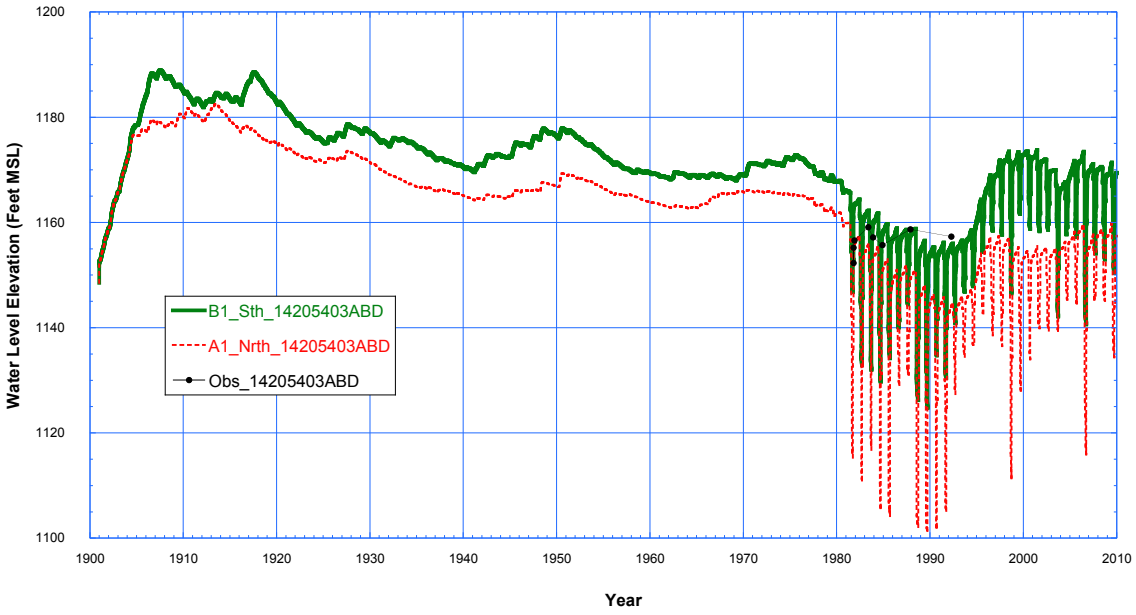

Figure E-7. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205403ABD.

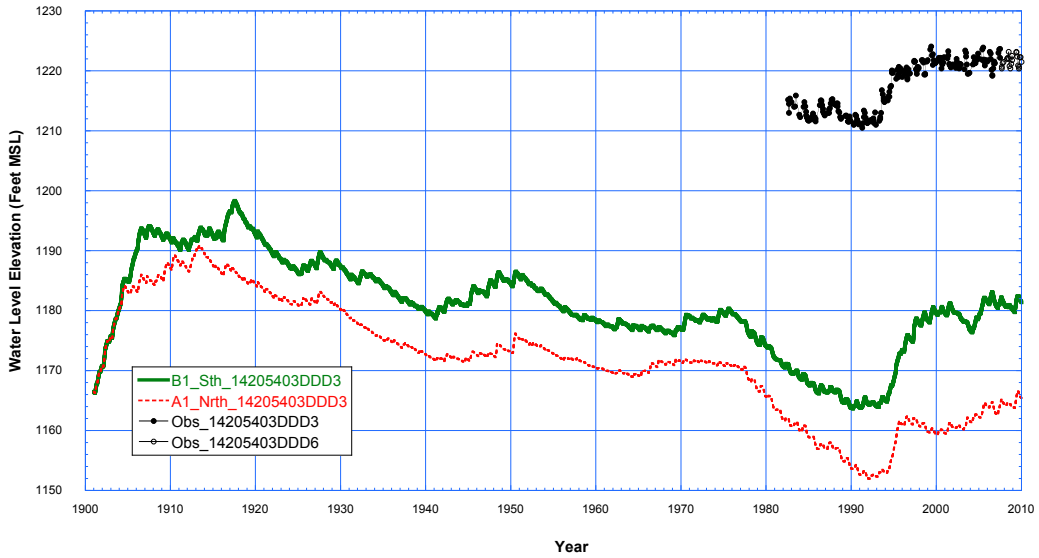

Figure E-9. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205403DDD3 & 6.

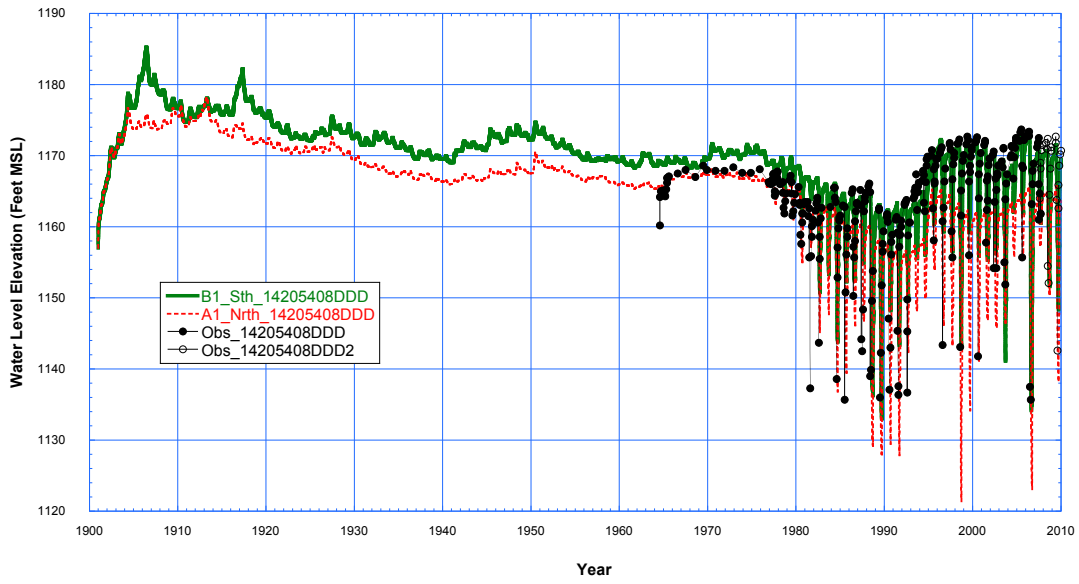

Figure E-9. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205408DDD1 & 2.

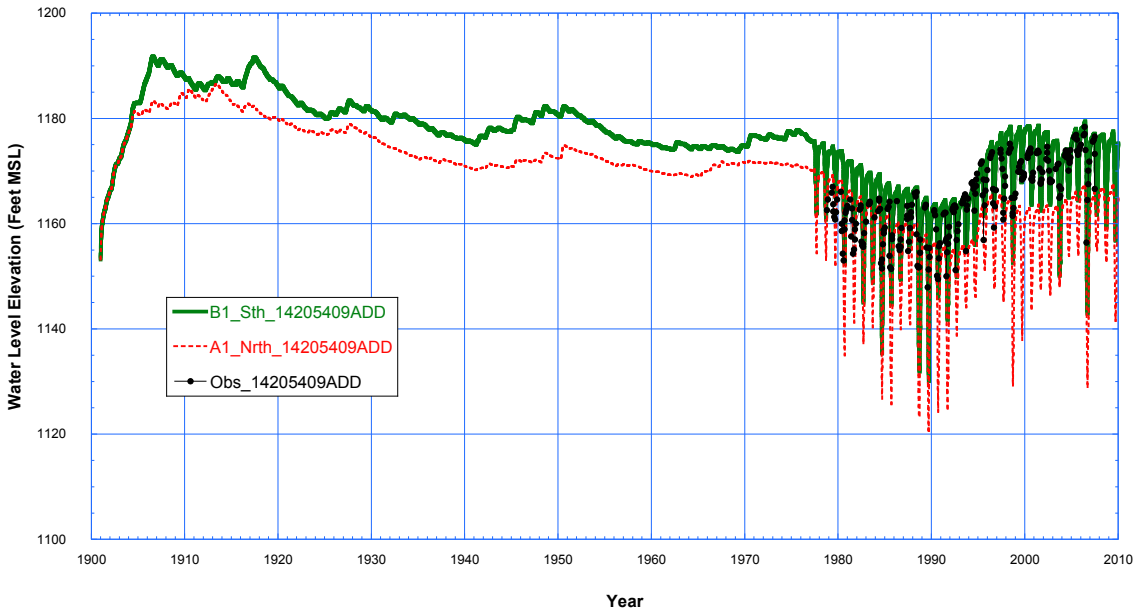

Figure E-11. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205409ADD.

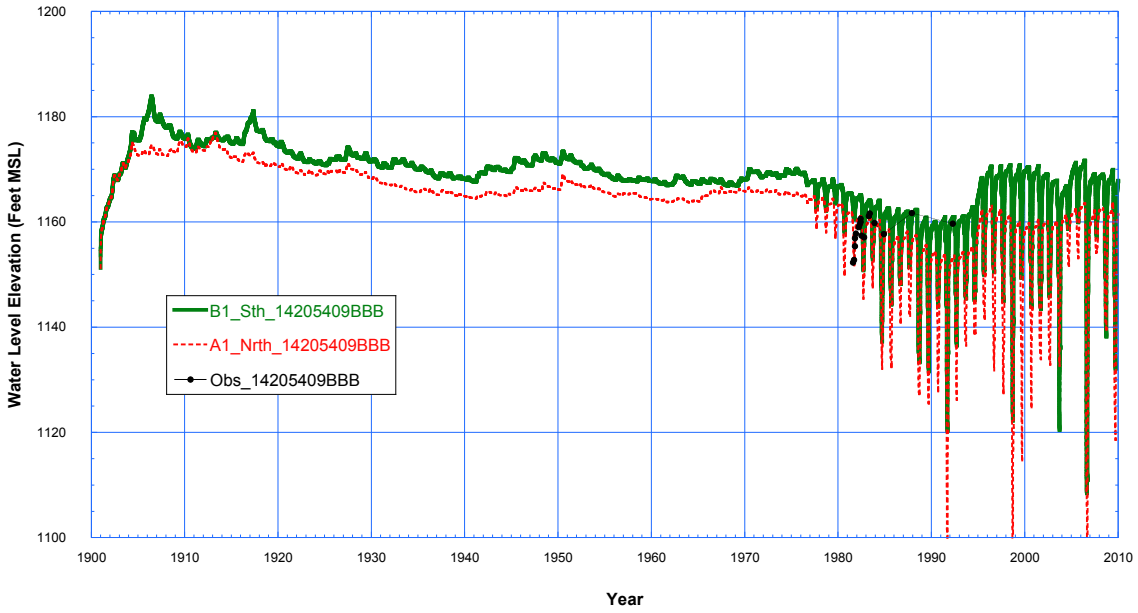

Figure E-11. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205409BBB.

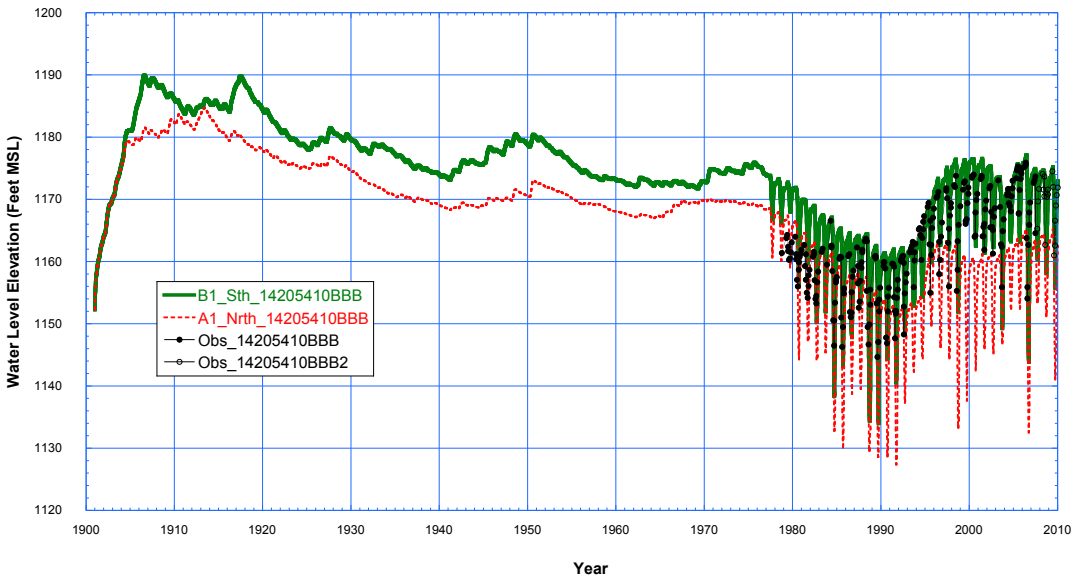

Figure E-13. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205410BBB1 & 2.

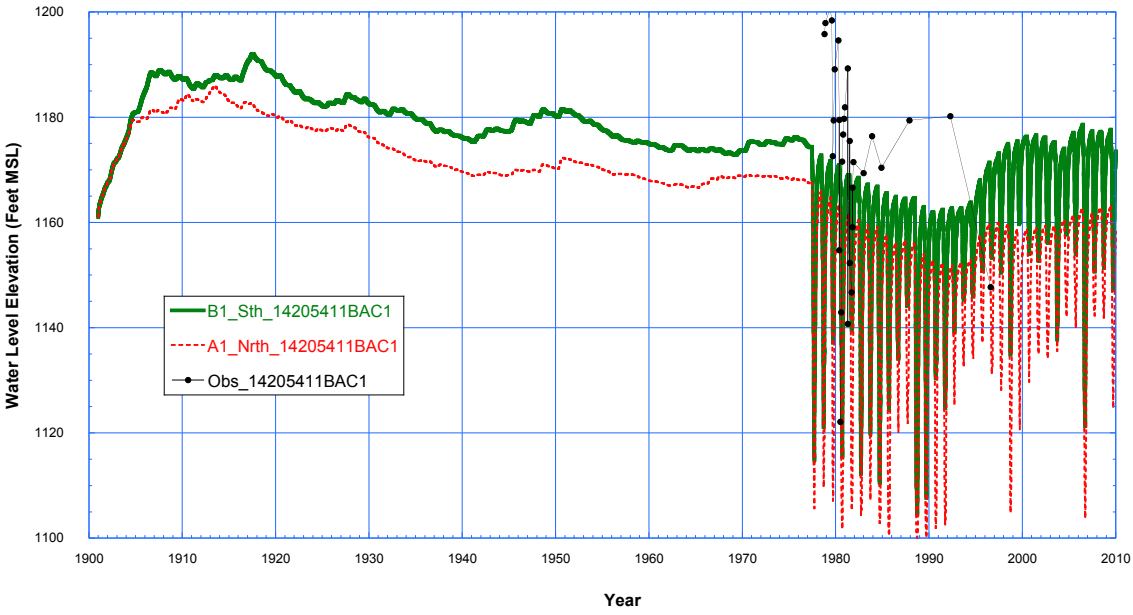

Figure E-14. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205411BAC1.

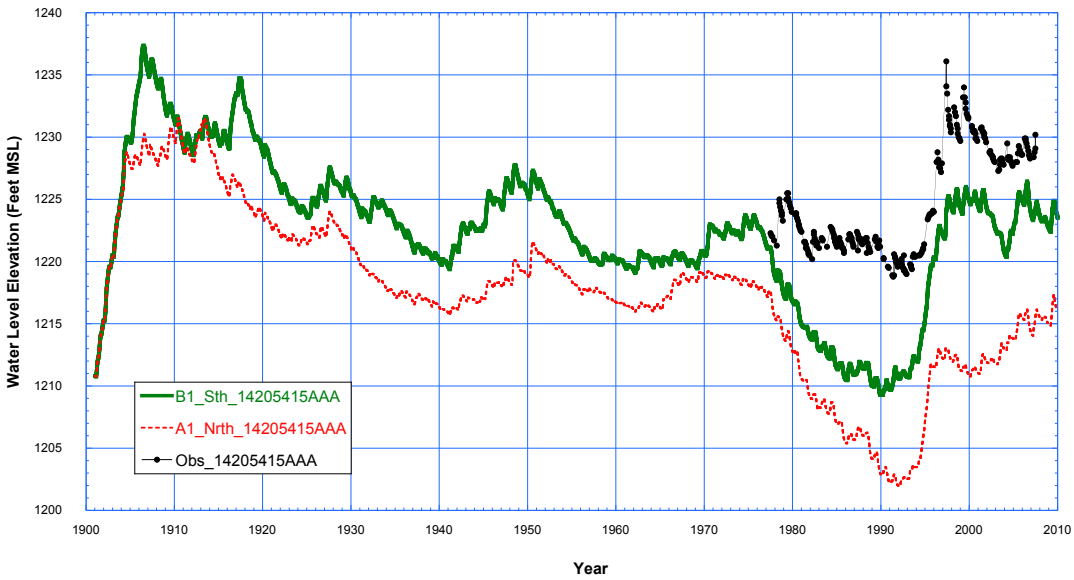

Figure E-15. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205415AAA.

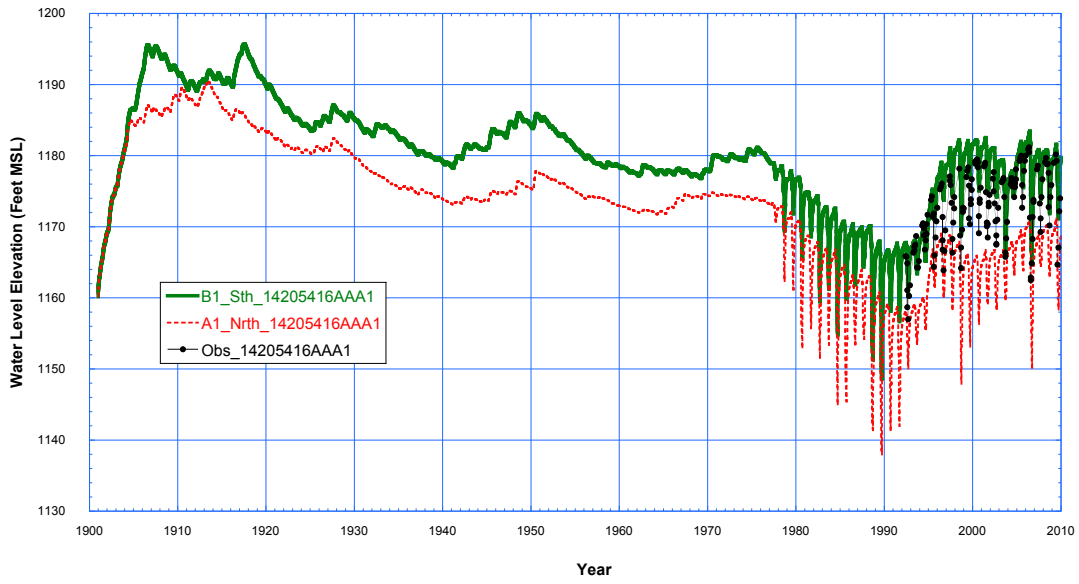

Figure E-16. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205416AAA1.

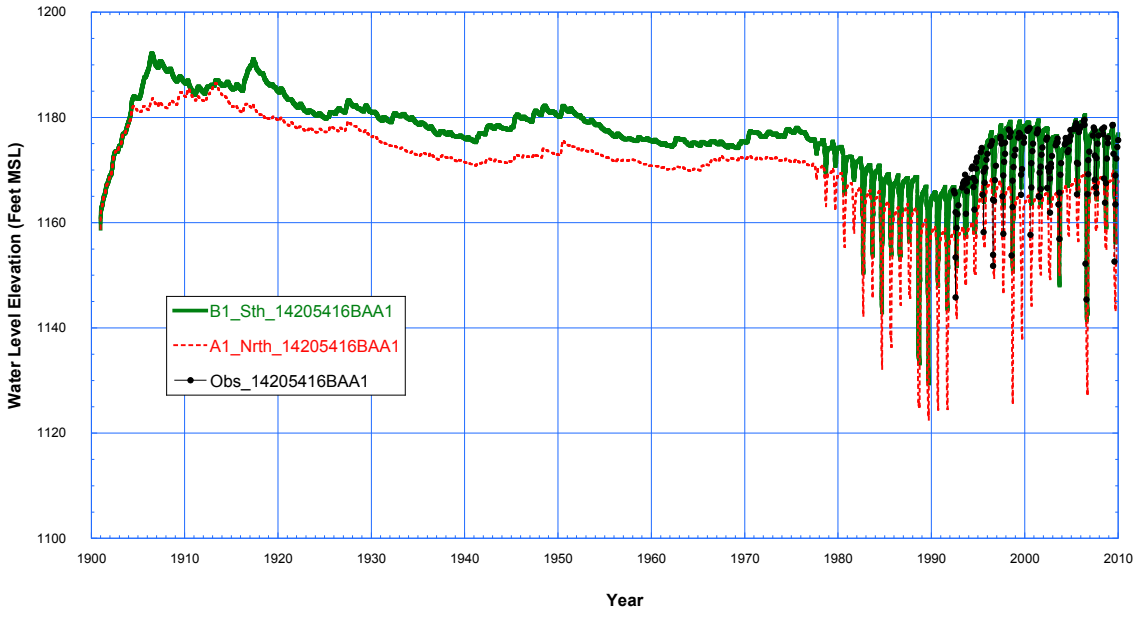

Figure E-17. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205416BAA1.

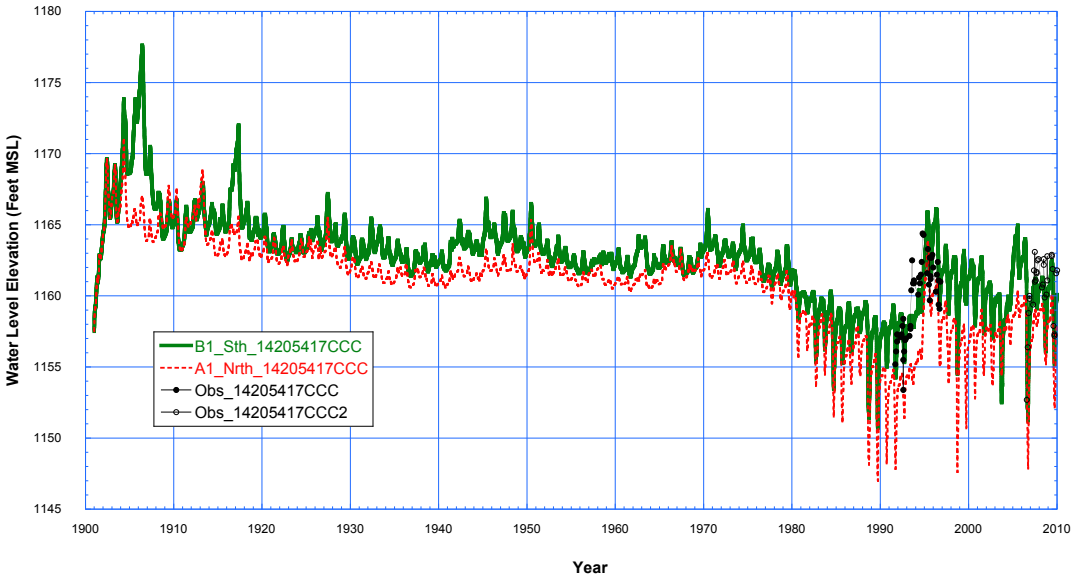

Figure E-18. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205417CCC 1 & 2.

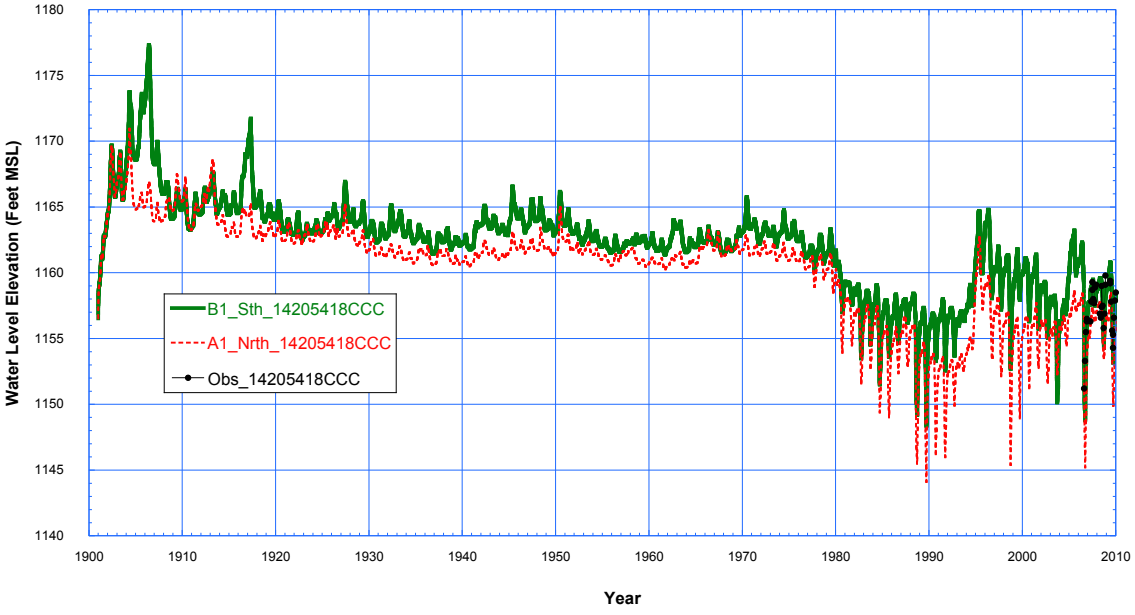

Figure E-19. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205418CCC.

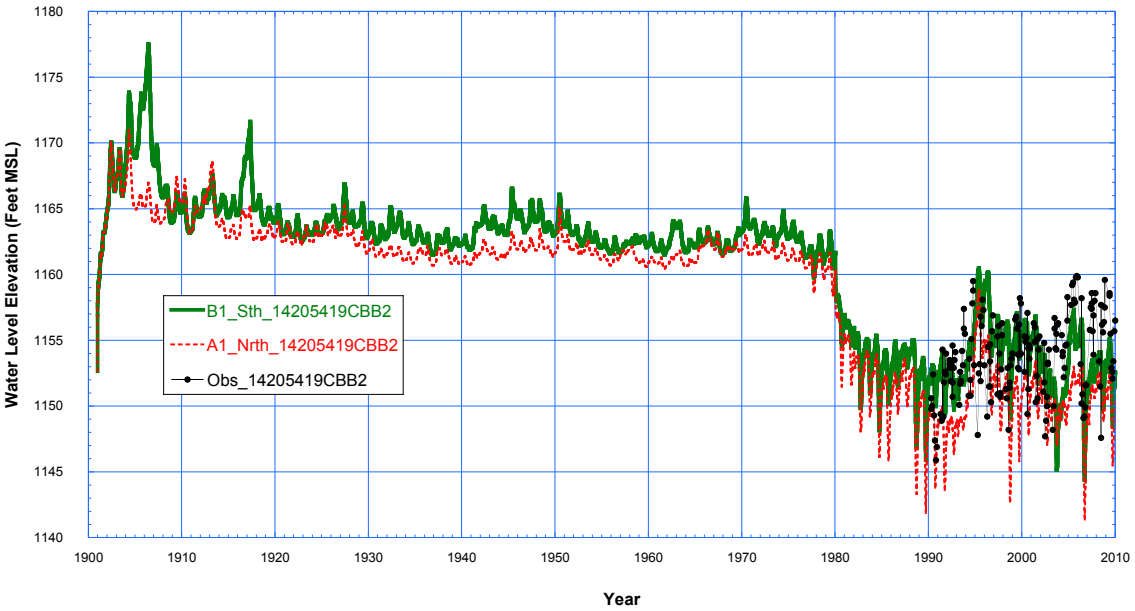

Figure E-20. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205419CBB2.

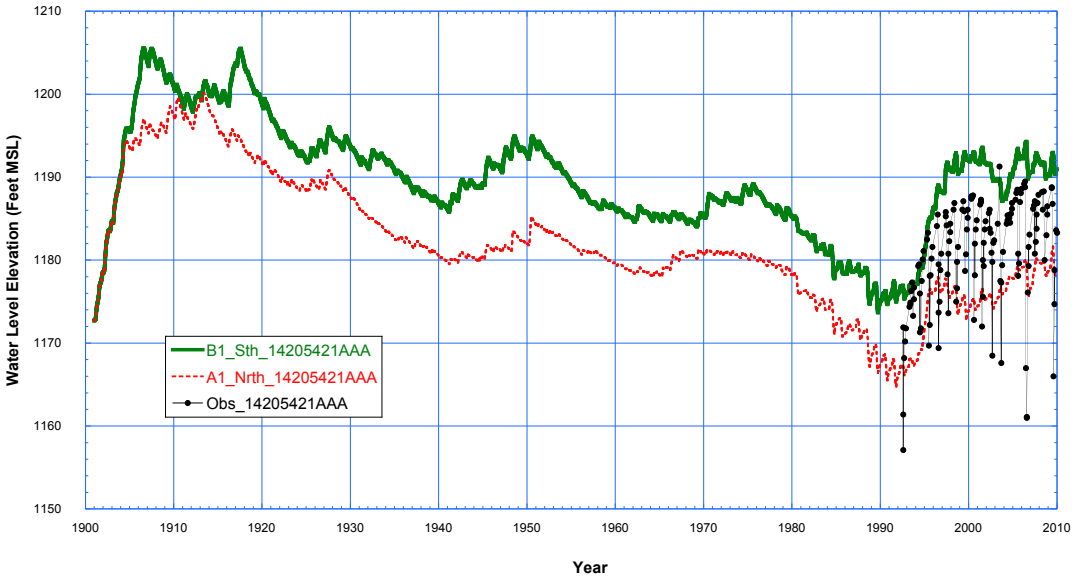

Figure E-21. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205421AAA.

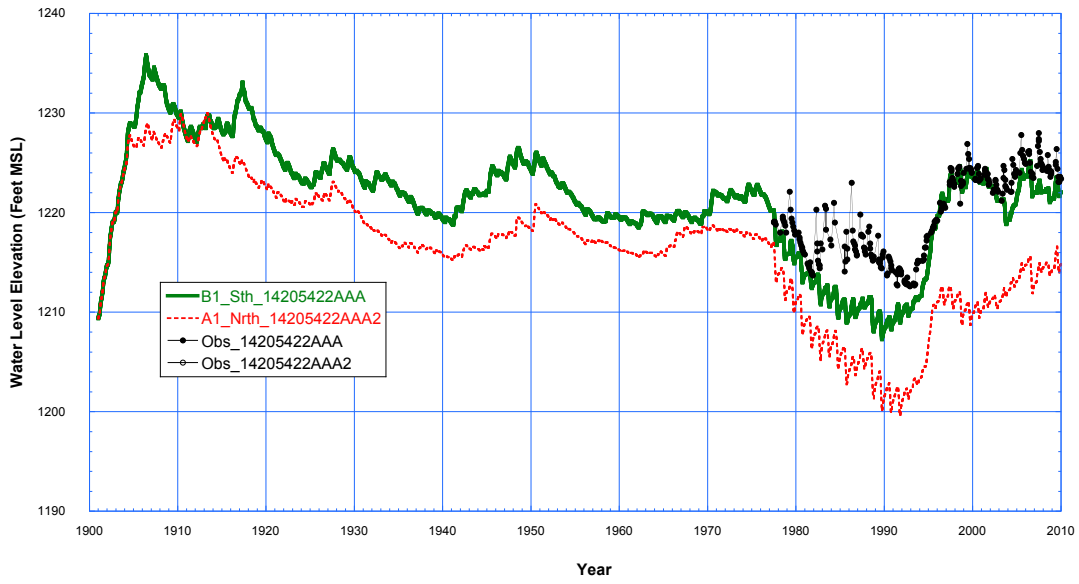

Figure E-22. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205422AAA1 & 2.

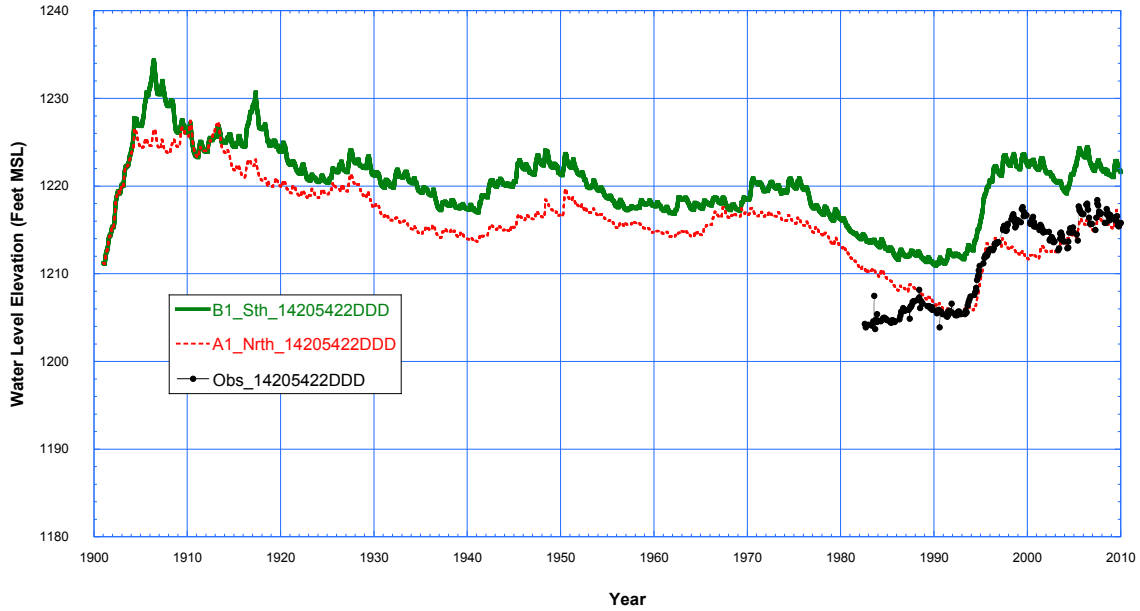

Figure E-23. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205422DDD.

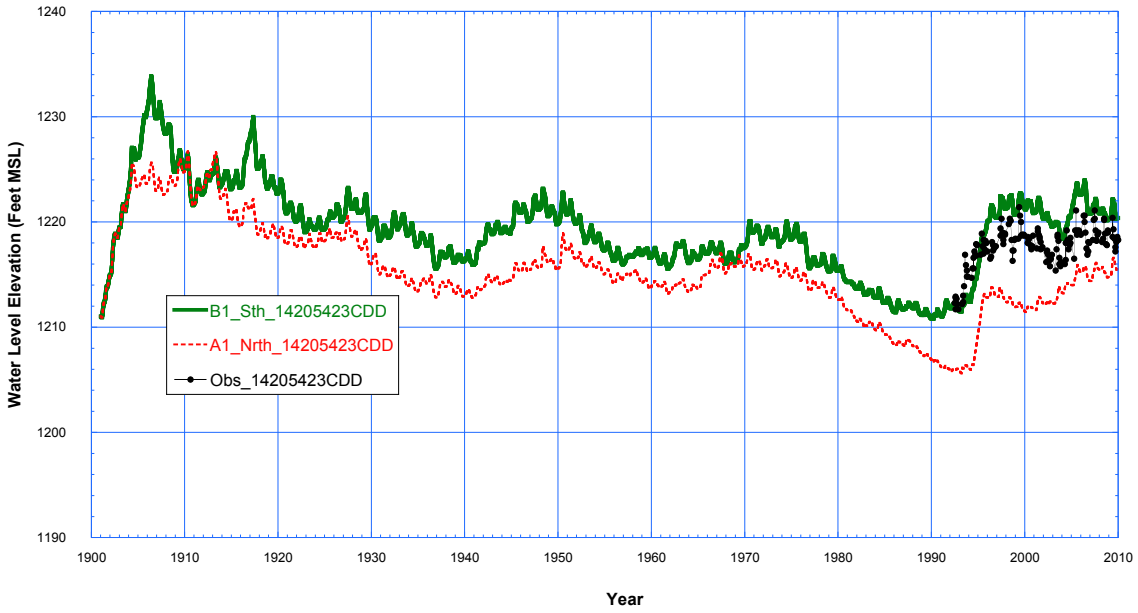

Figure E-24. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205423CDD.

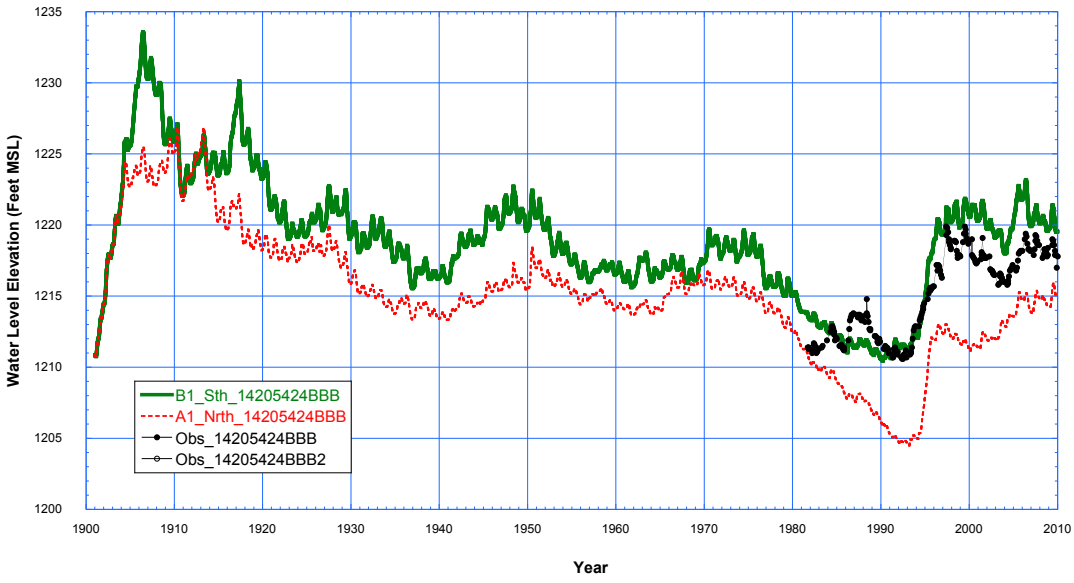

Figure E-25. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205424BBB1 & 2.

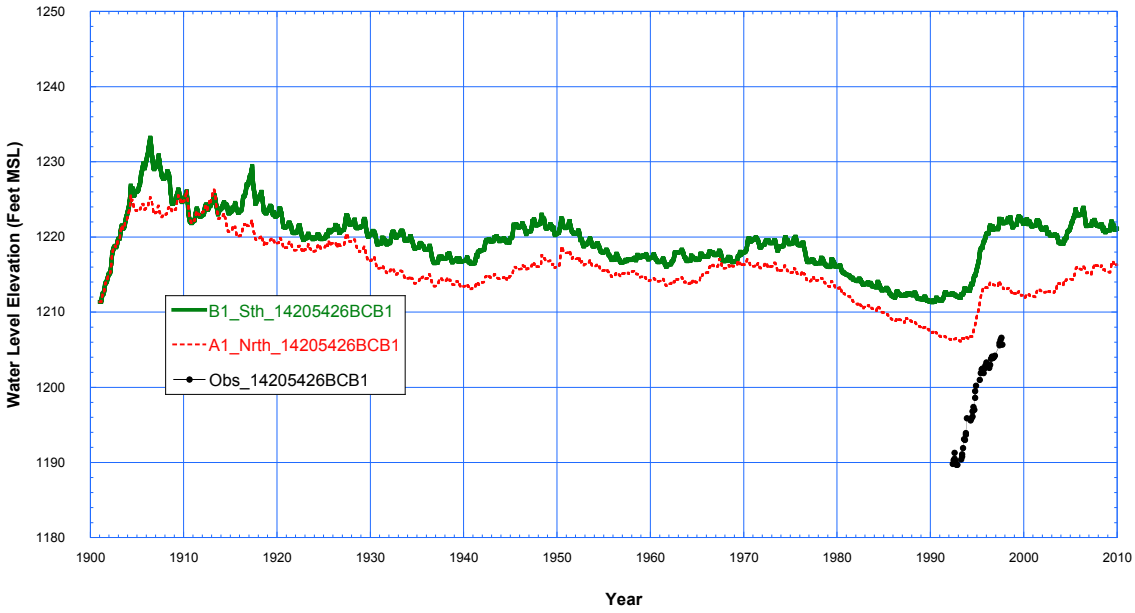

Figure E-26. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205426BCB1.

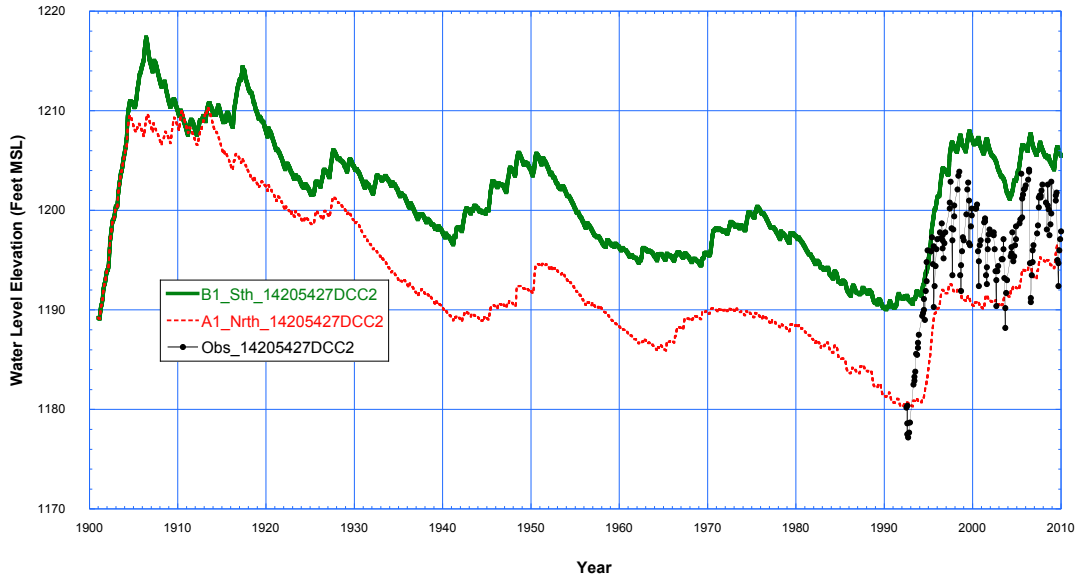

Figure E-27. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205427DCC2.

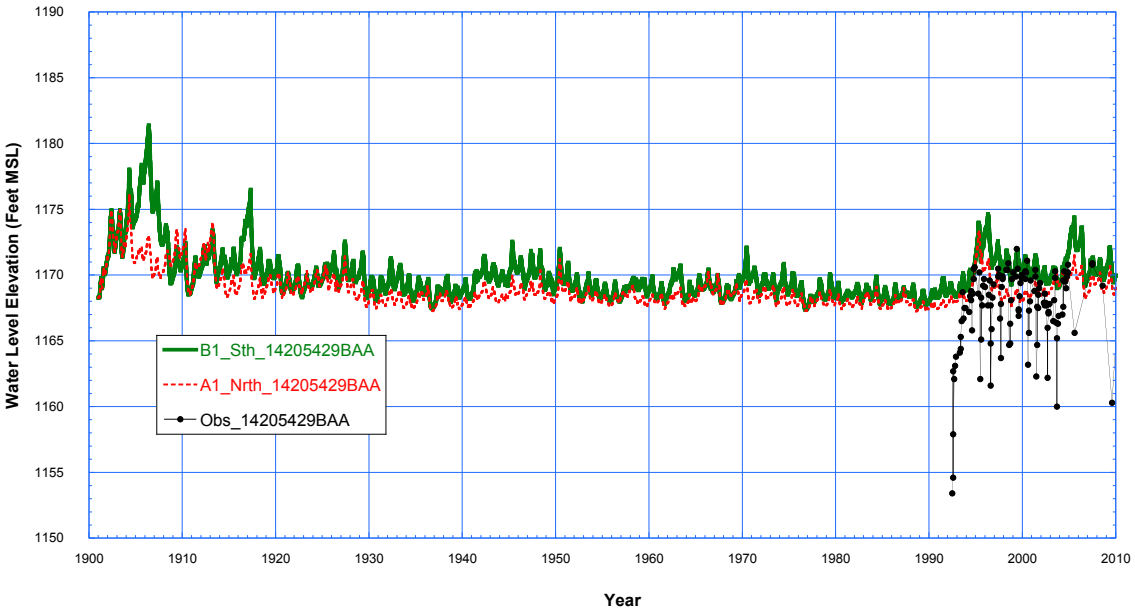

Figure E-28. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205429BAA.

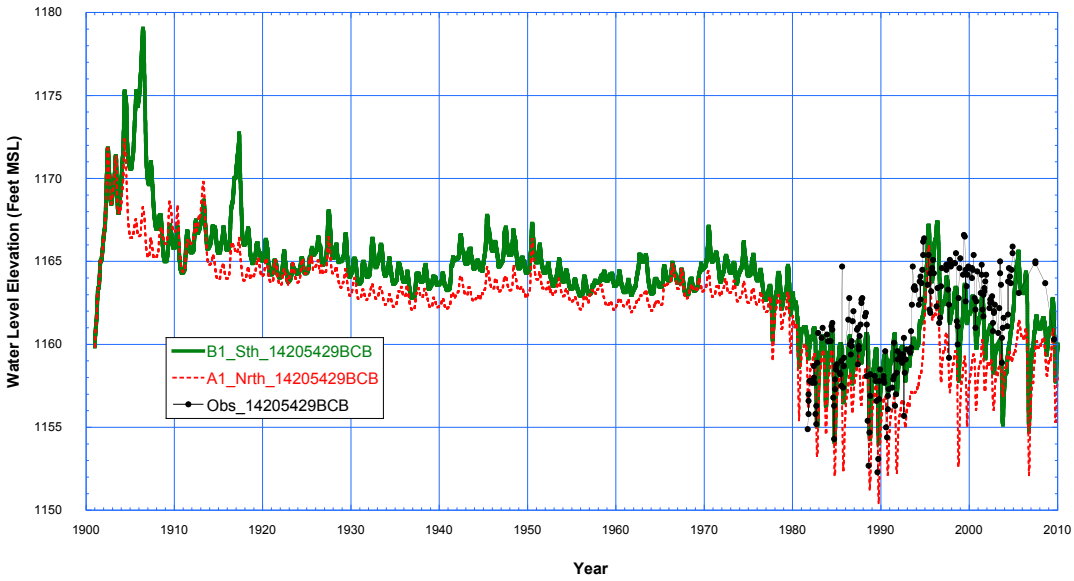

Figure E-29. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205429BCB.

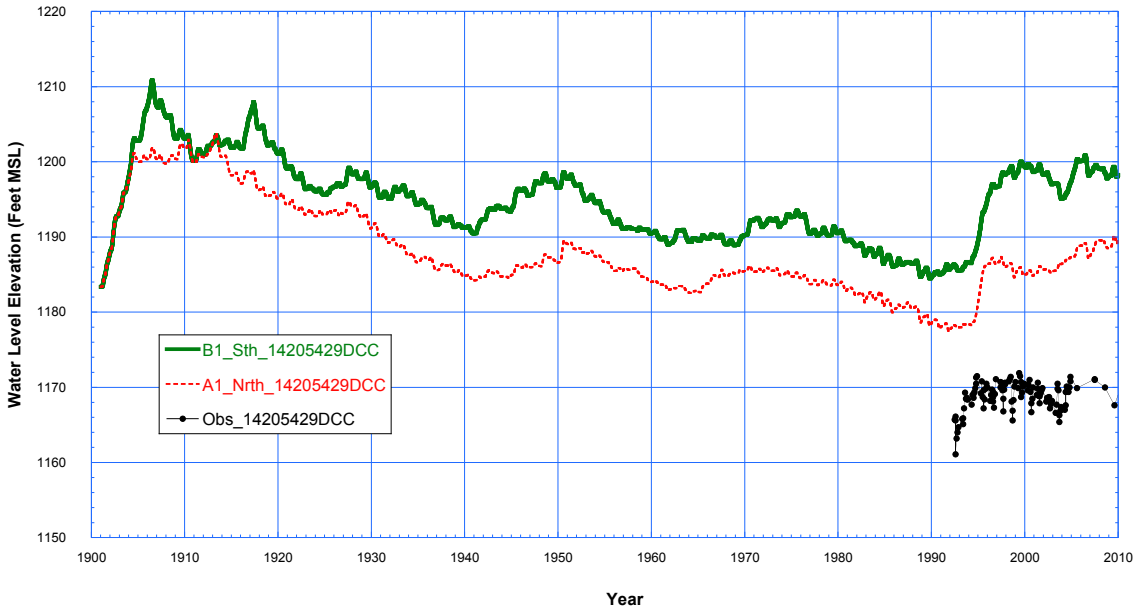

Figure E-30. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205429DCC.

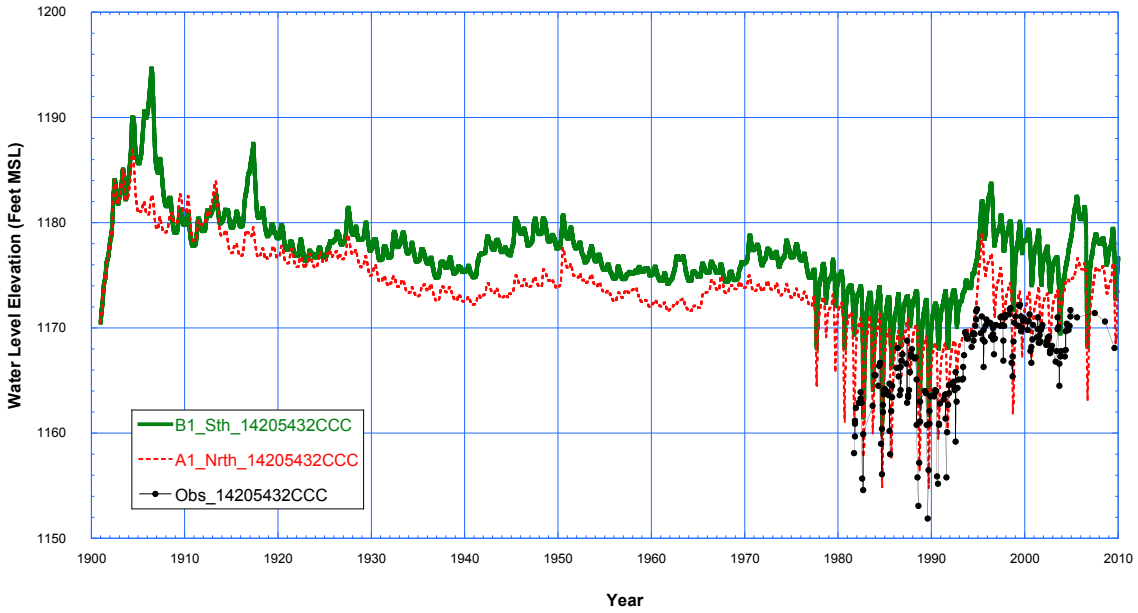

Figure E-31. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205432CCC.

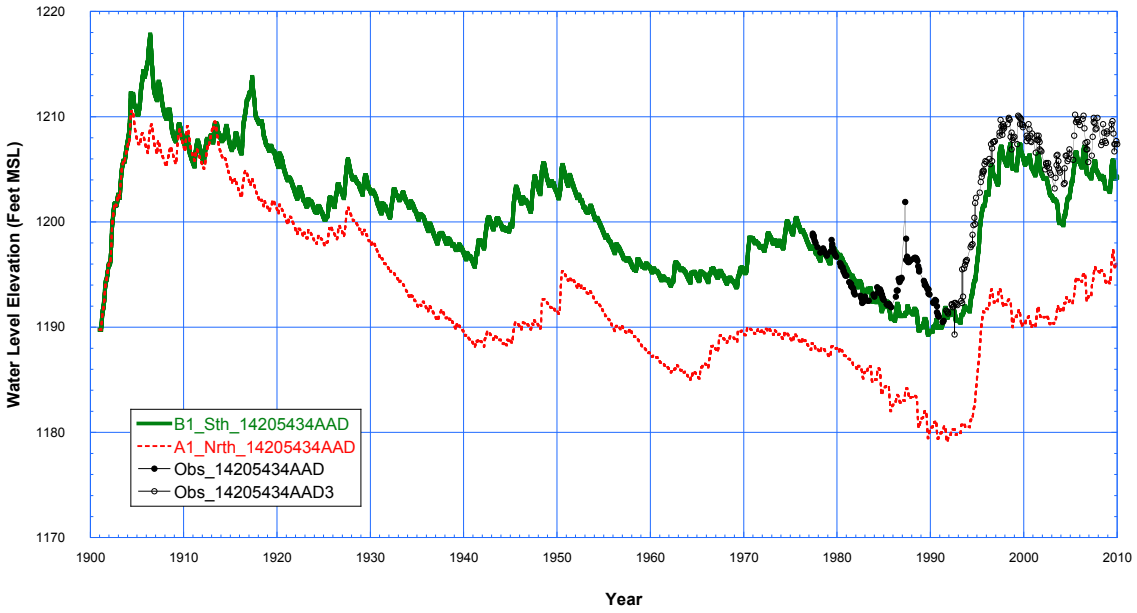

Figure E-32. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205434AAD1 & 3.

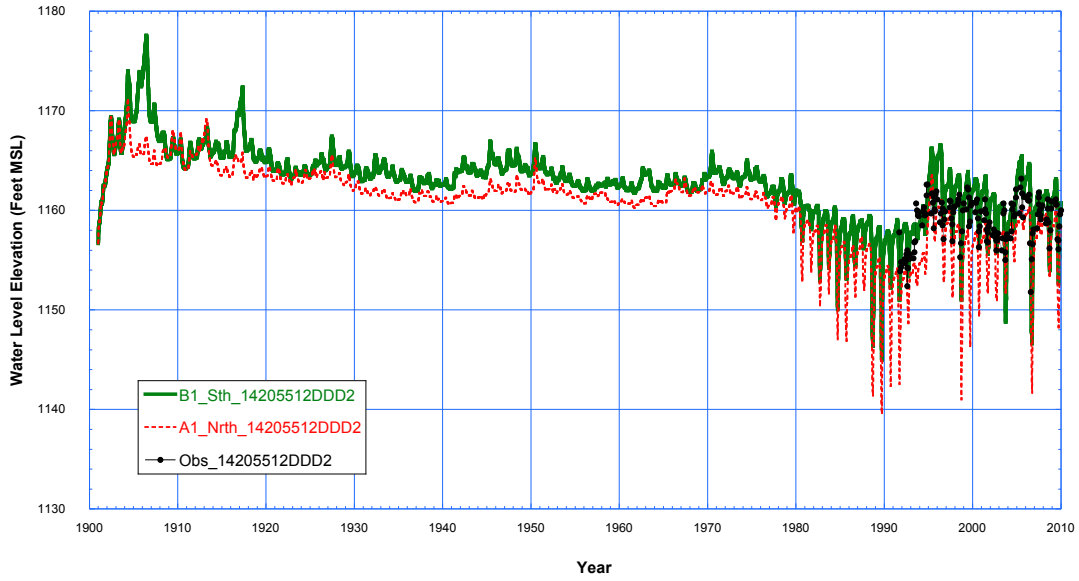

Figure E-33. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205512DDD2.

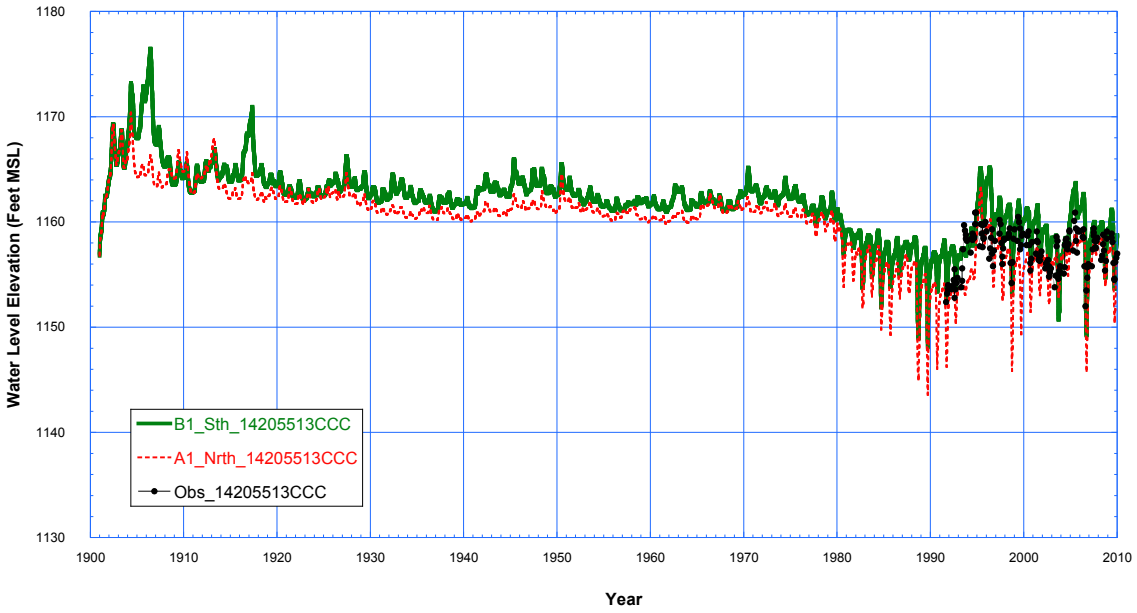

Figure E-34. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205513CCC.

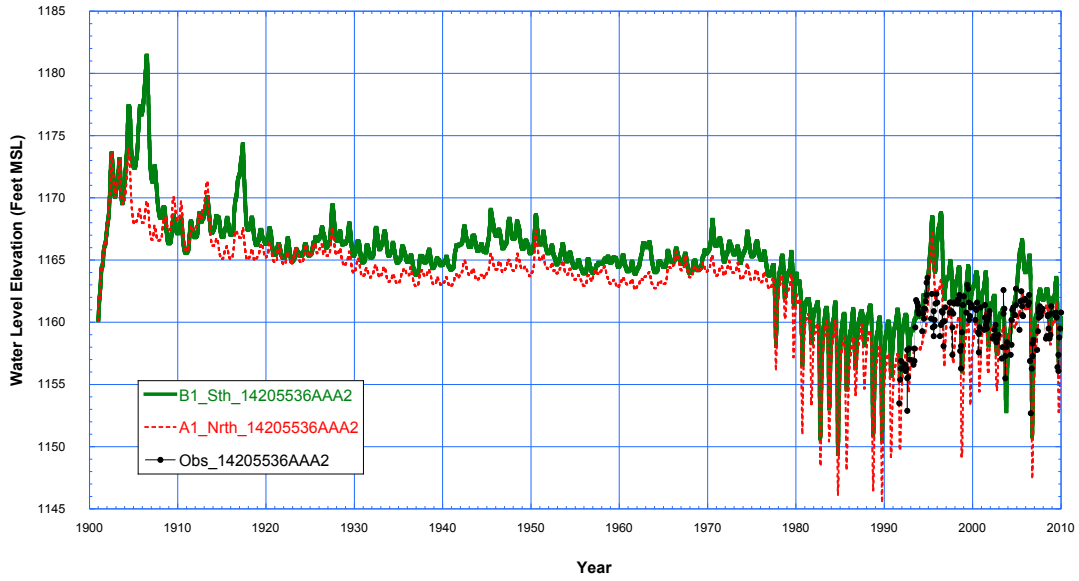

Figure E-35. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14205536AAA2.

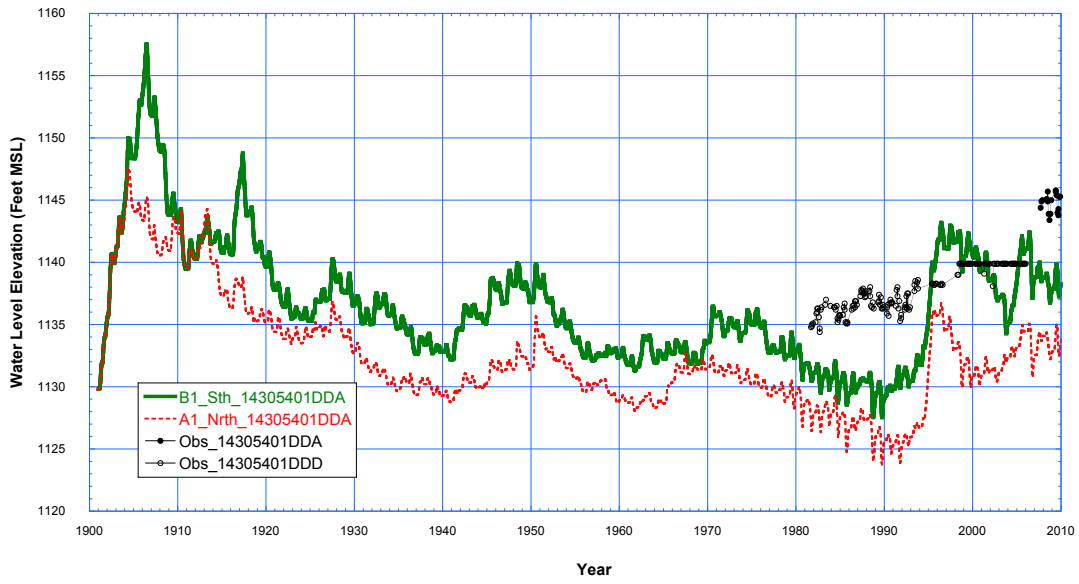

Figure E-36. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305401DDA.

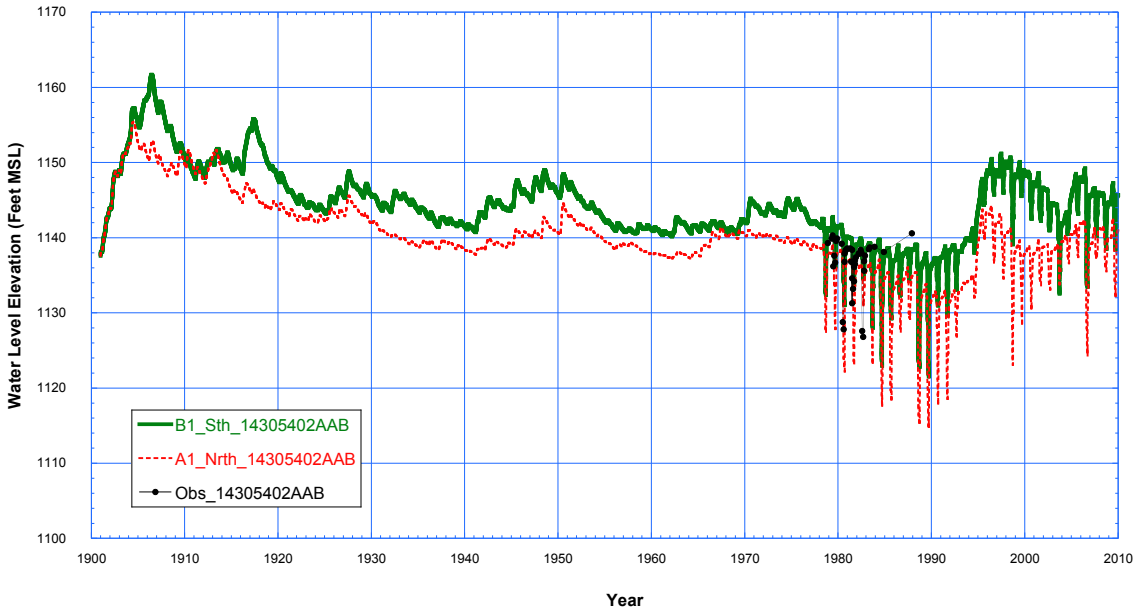

Figure E-37. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305402AAB.

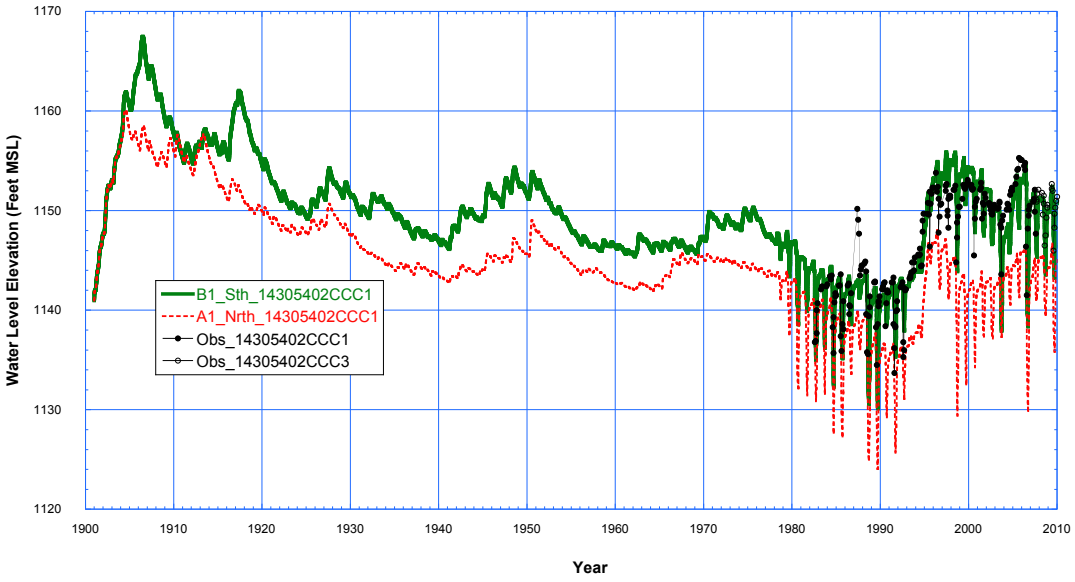

Figure E-38. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305402CCC1 & 3.

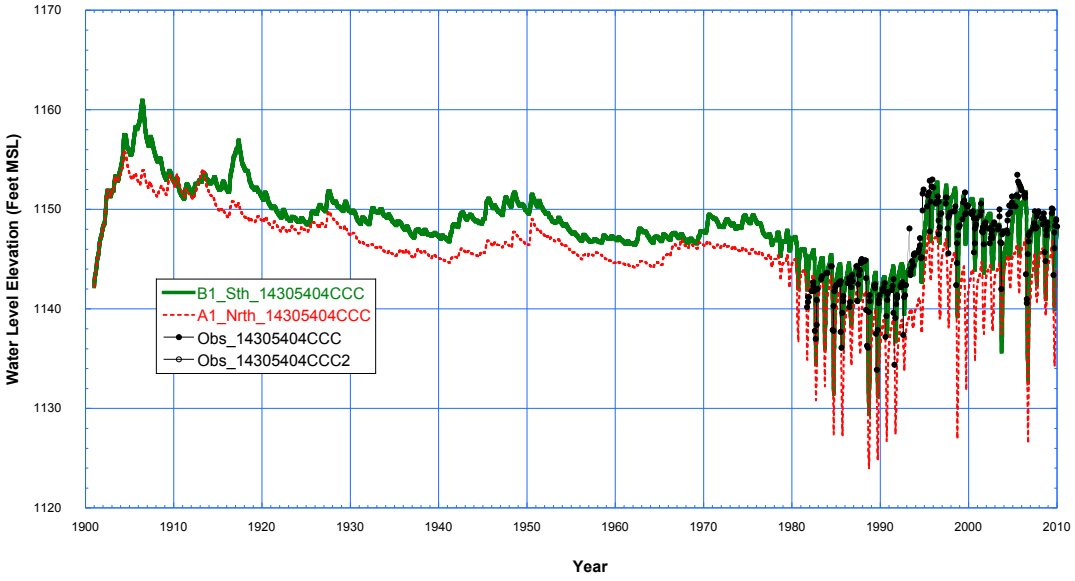

Figure E-39. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305404CCC1 & 2.

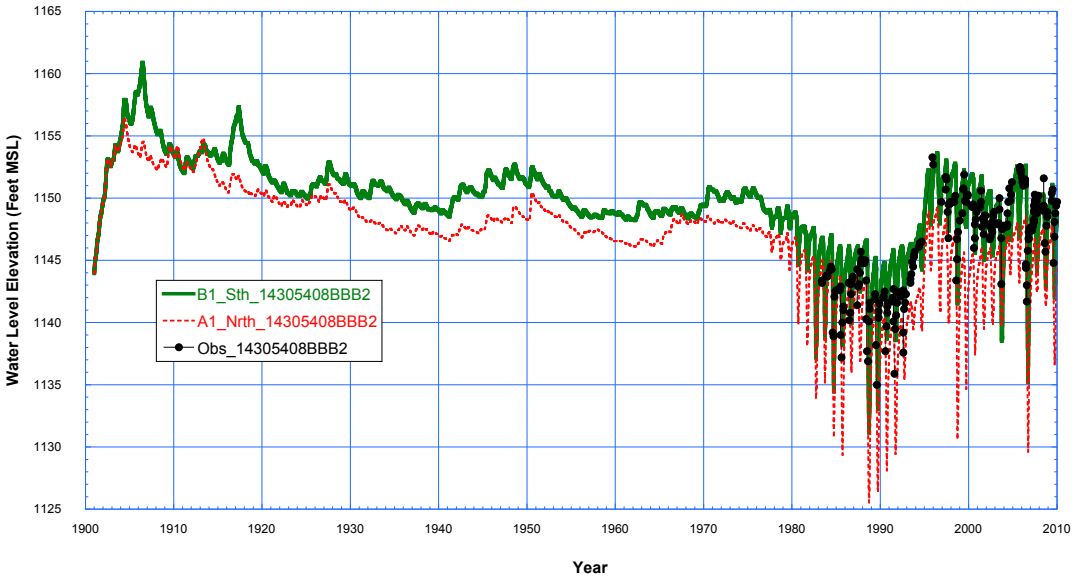

Figure E-40. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305408BBB2.

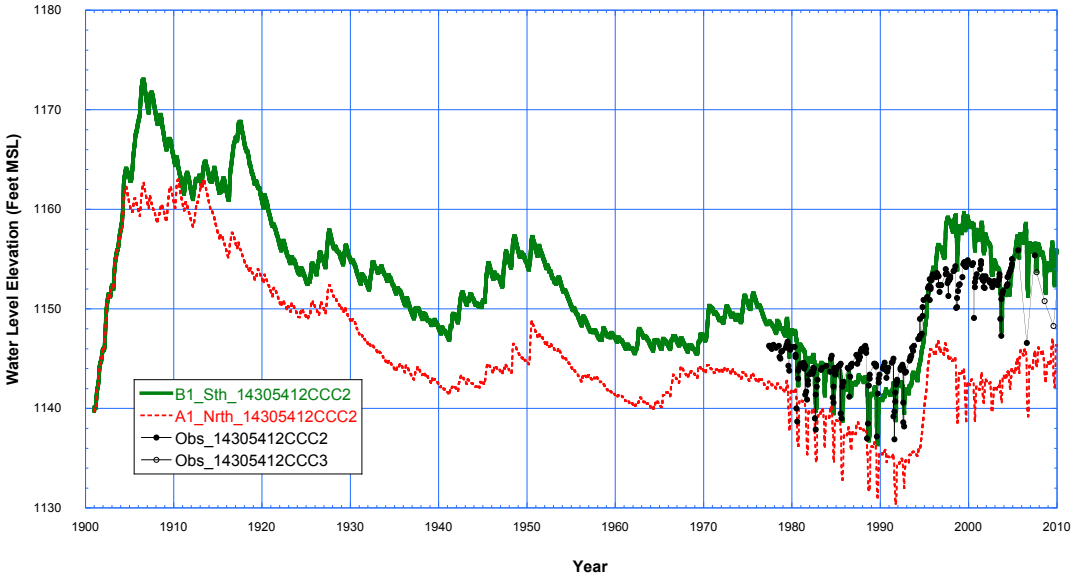

Figure E-41. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305412CCC2 & 3.

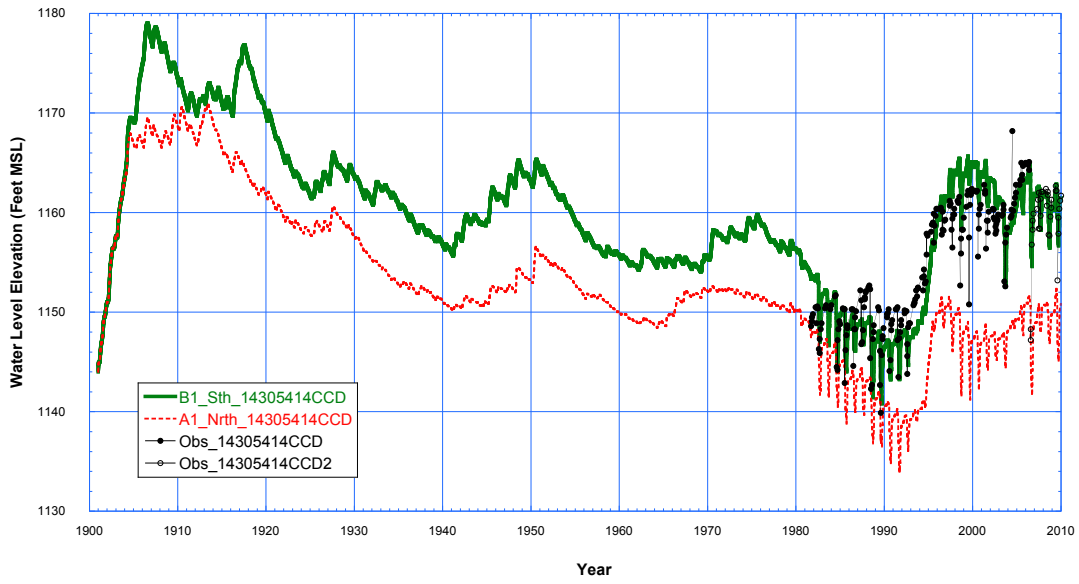

Figure E-42. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305414CCD1 & 2.

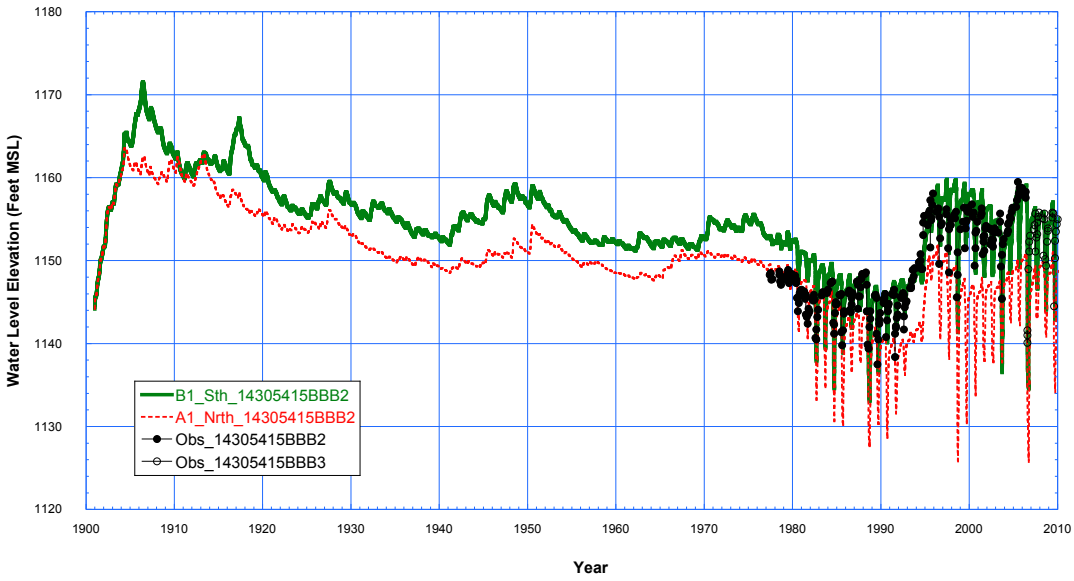

Figure E-43. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305415BBB2 & 3.

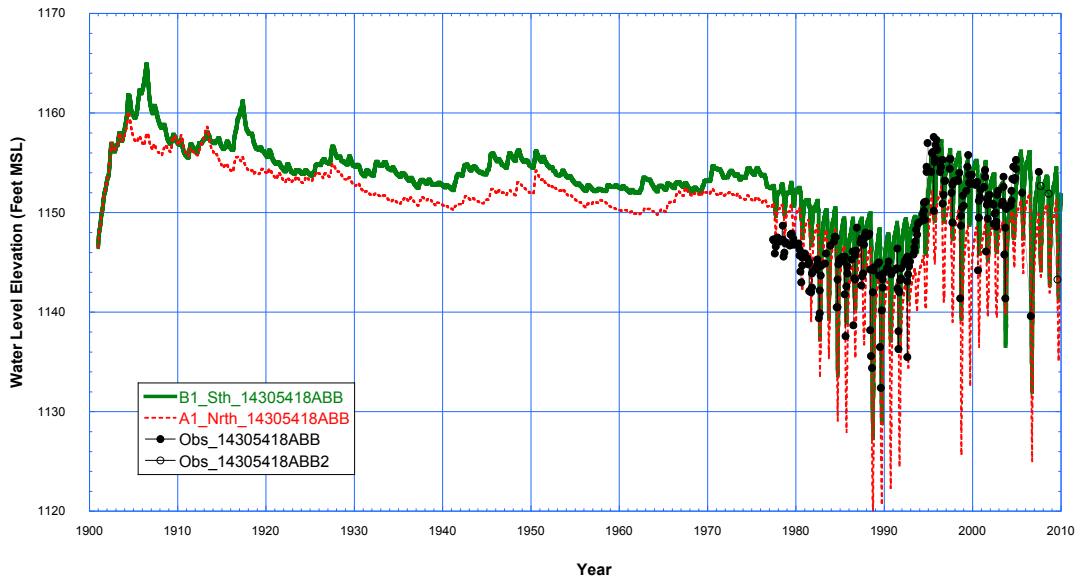

Figure E-44. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 1410546BBC.

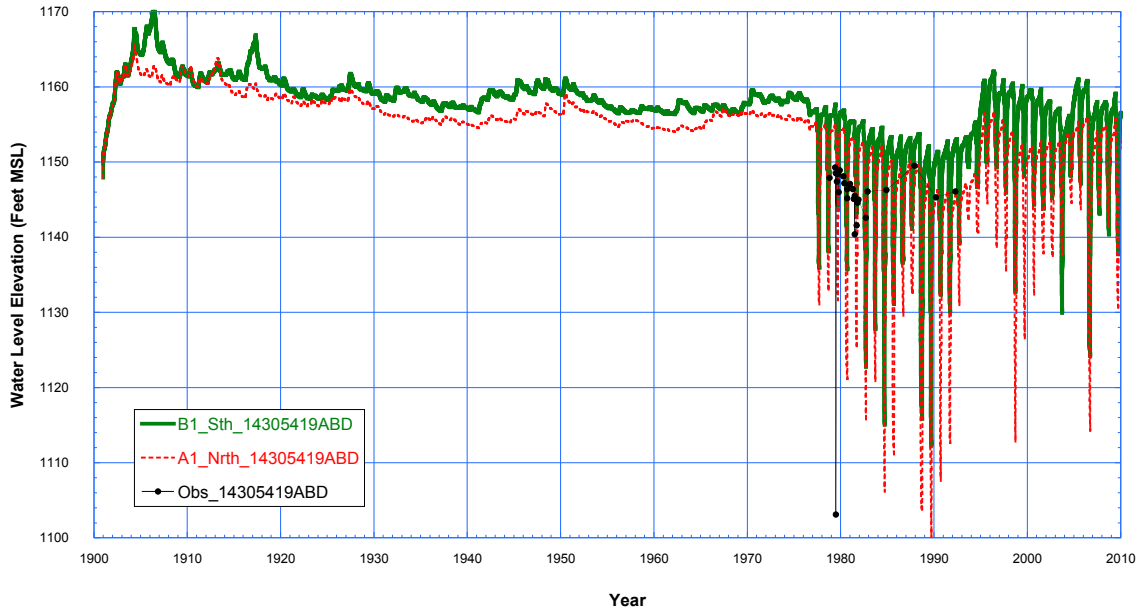

Figure E-45. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305419ABD.

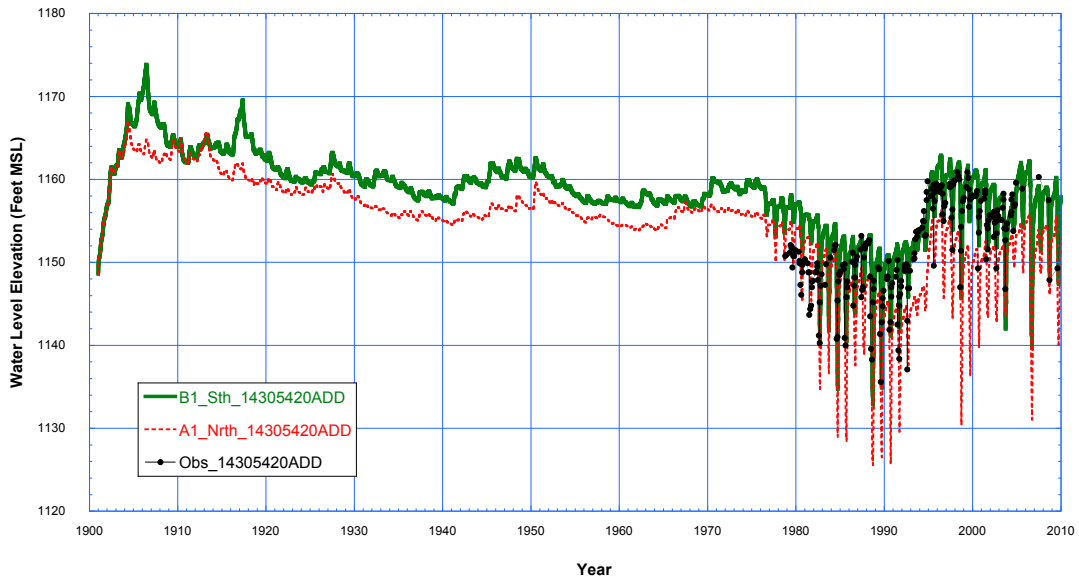

Figure E-46. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305420ADD.

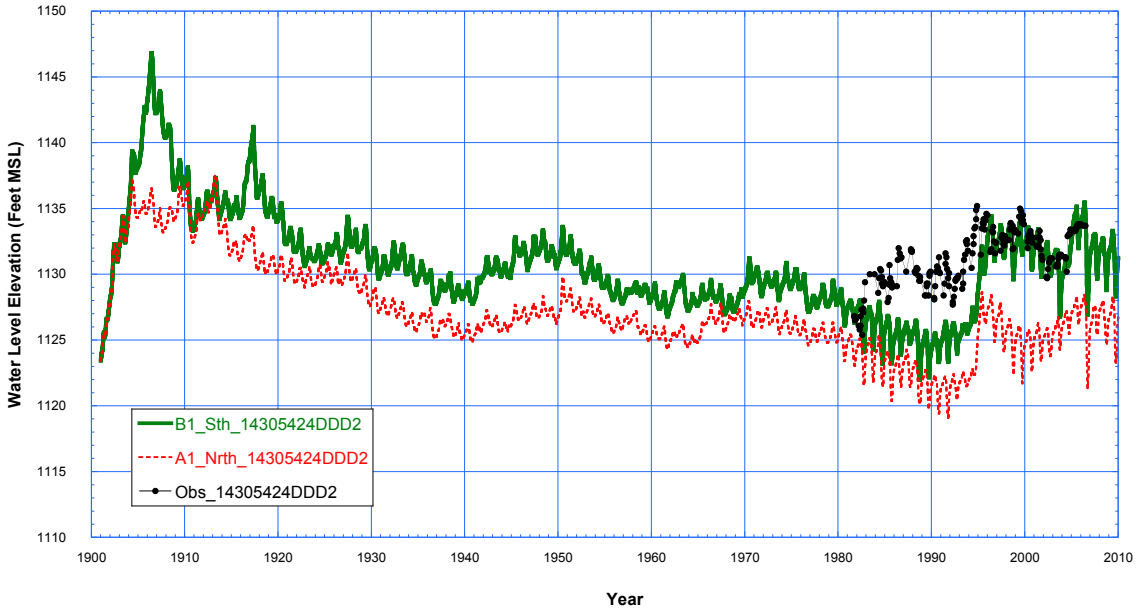

Figure E-47. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305424DDD2.

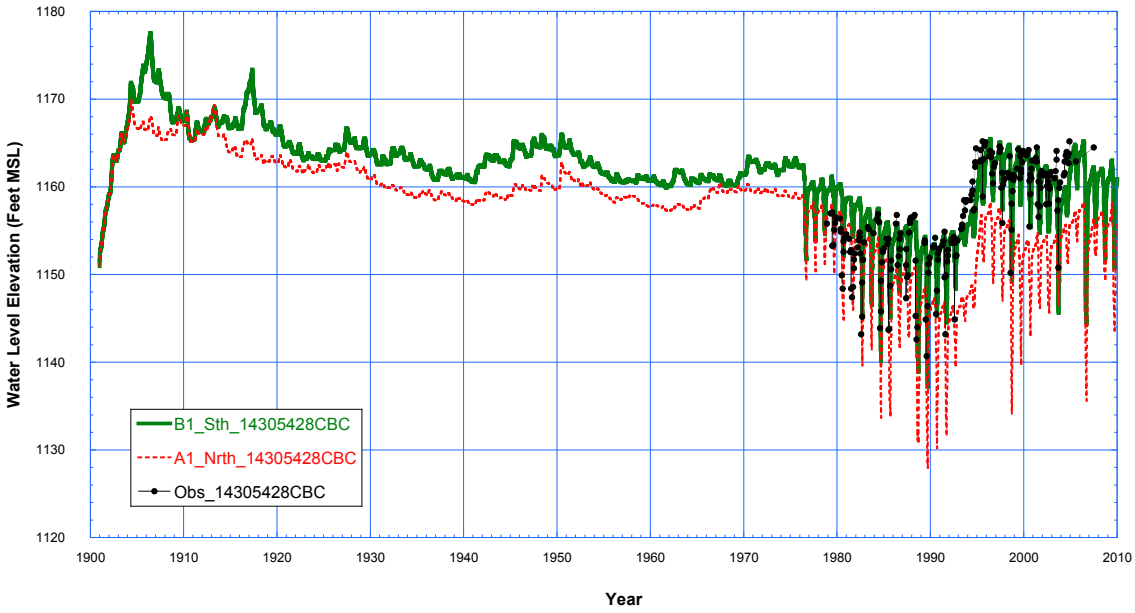

Figure E-48. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305428CBC.

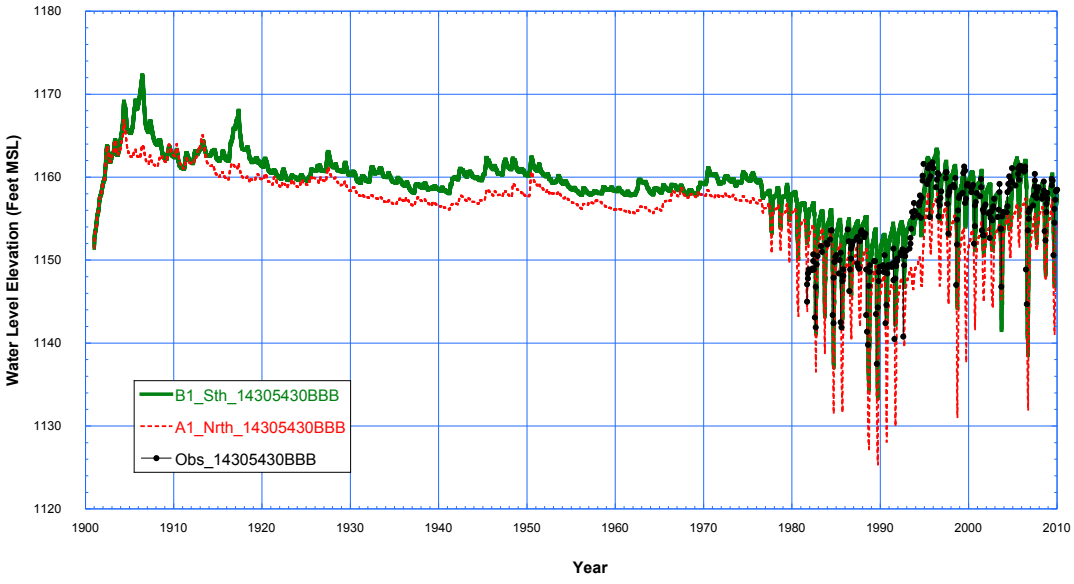

Figure E-49. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305430BBB.

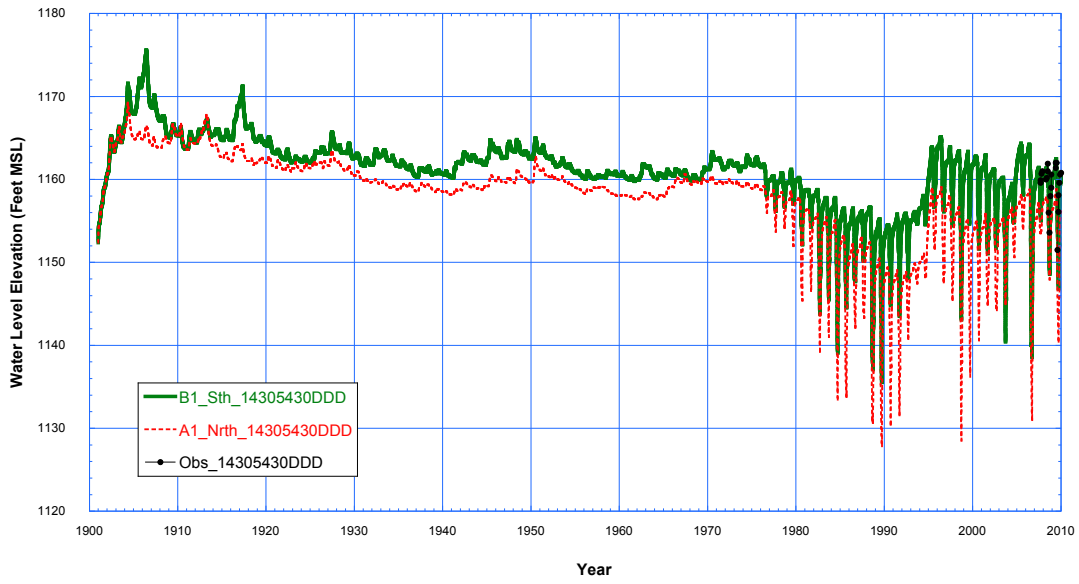

Figure E-50. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305430DDD.

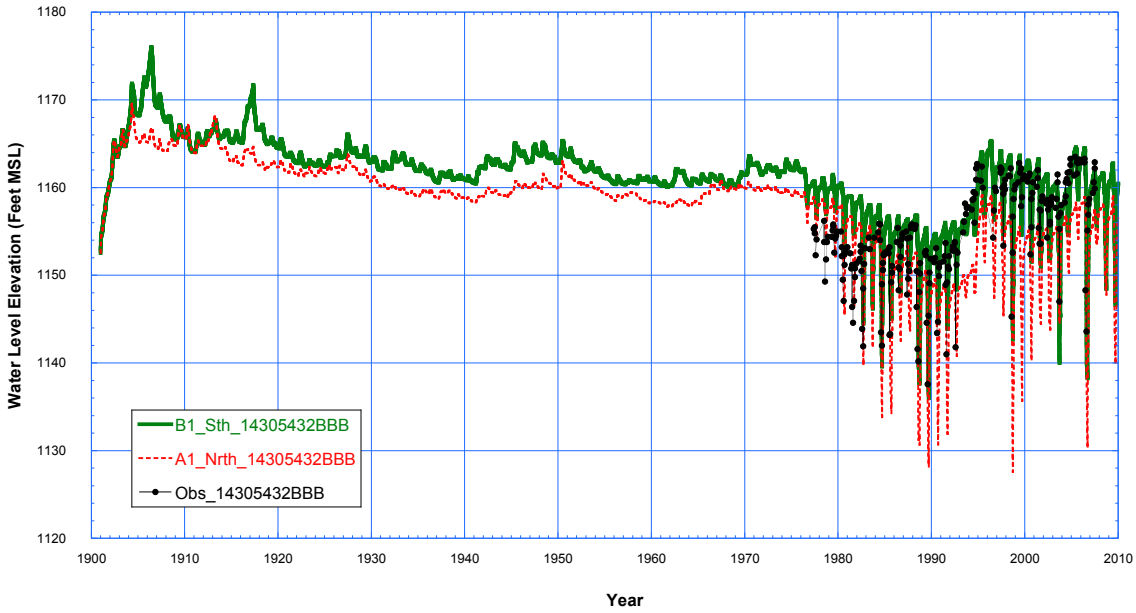

Figure E-51. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305432BBB.

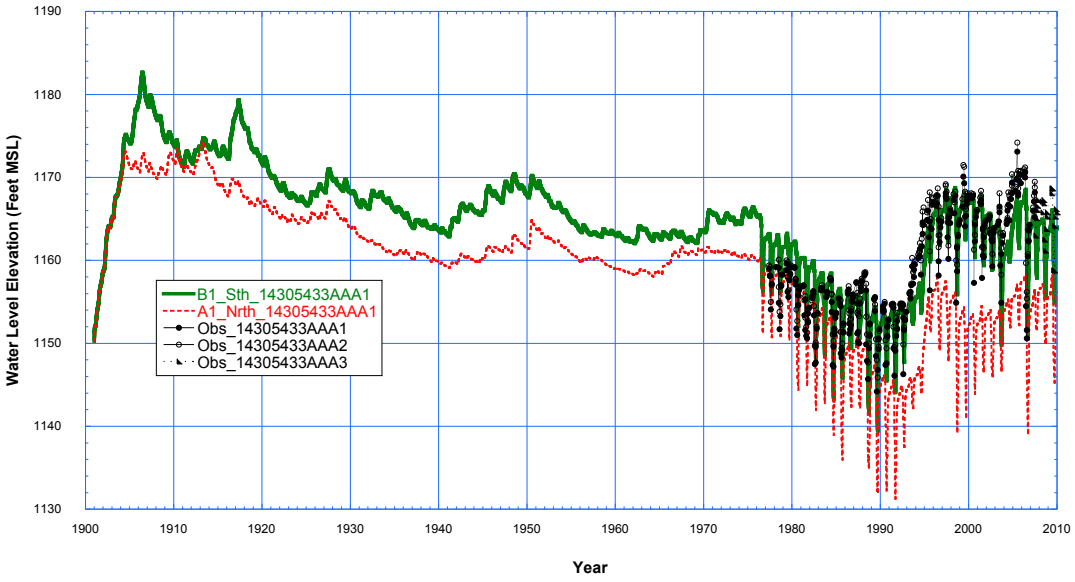

Figure E-52. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305433AAA1,2,&3.

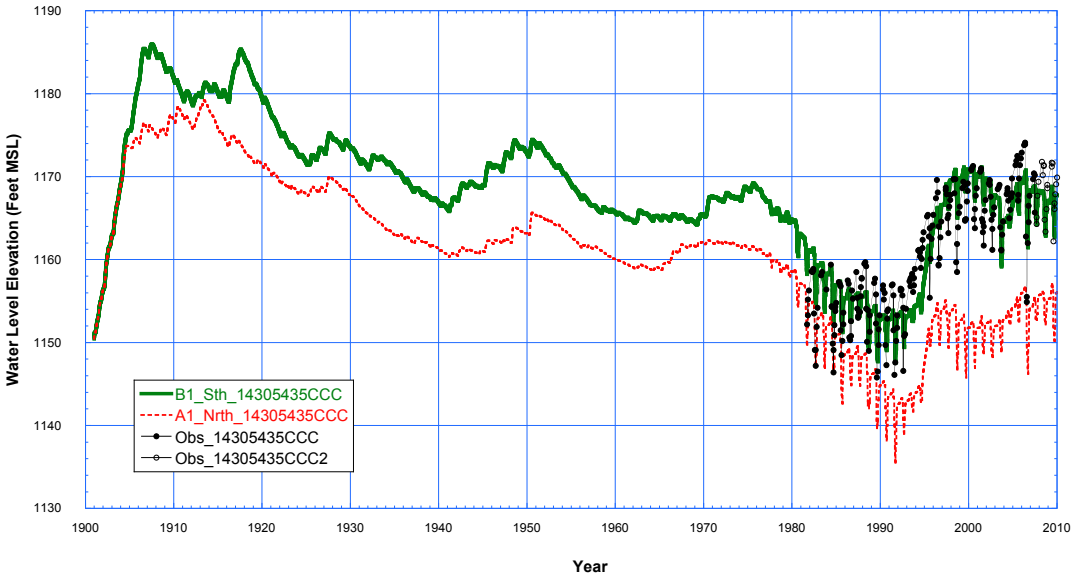

Figure E-53. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305435CCC & 2.

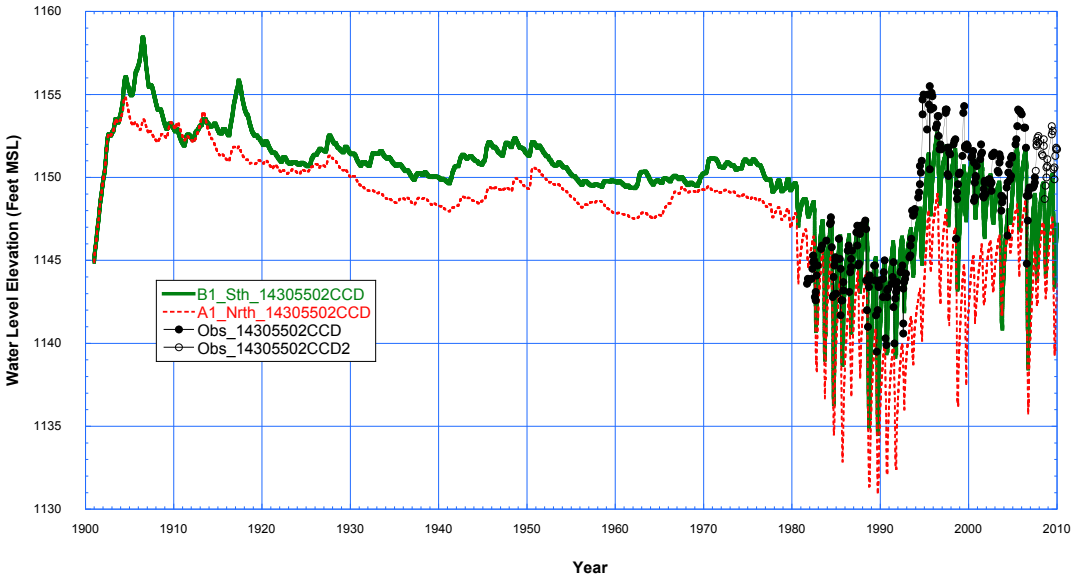

Figure E-54. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305502CCD1 & 2.

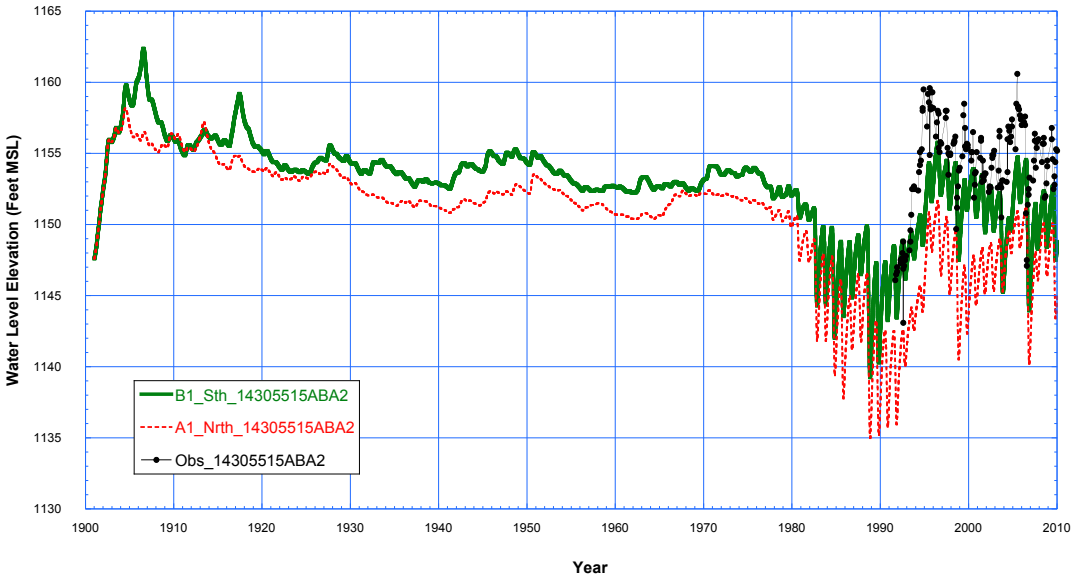

Figure E-55. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14305515ABA2.

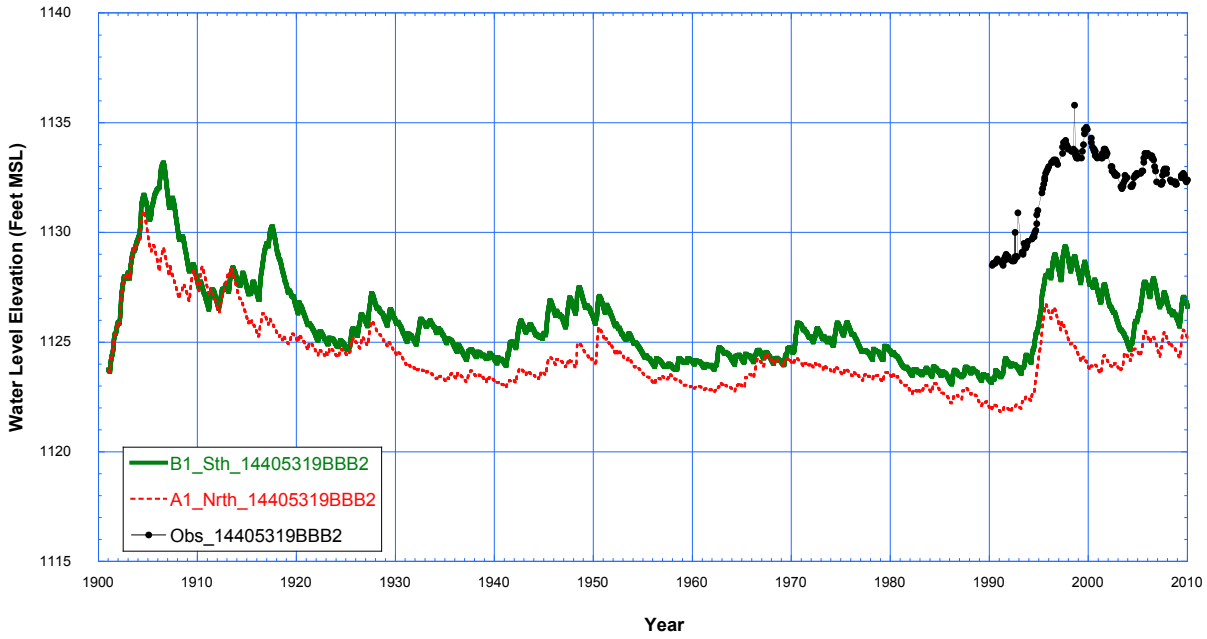

Figure E-56. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405319BBB2.

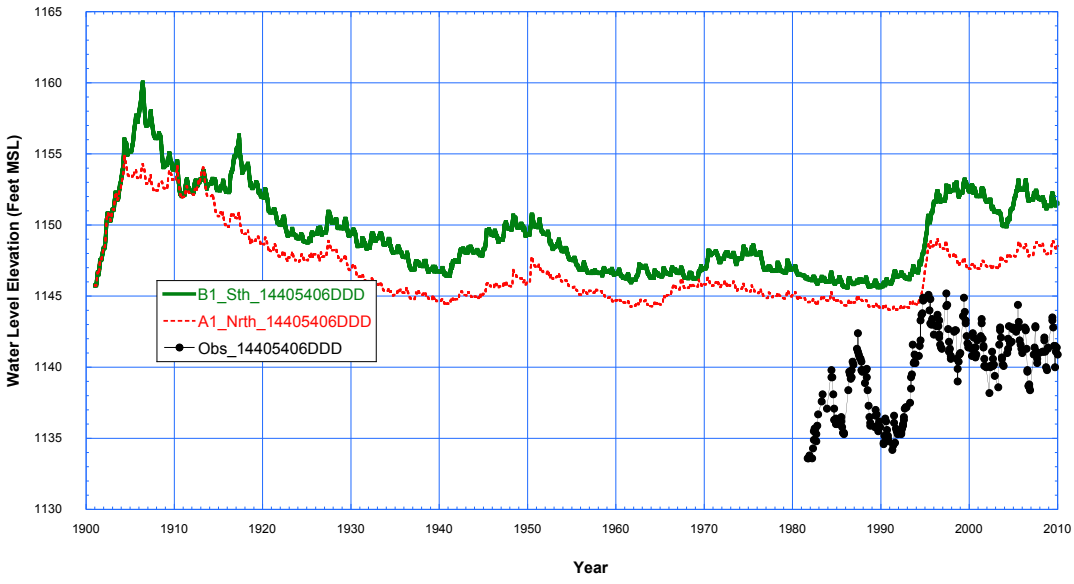

Figure E-57. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405406DDD.

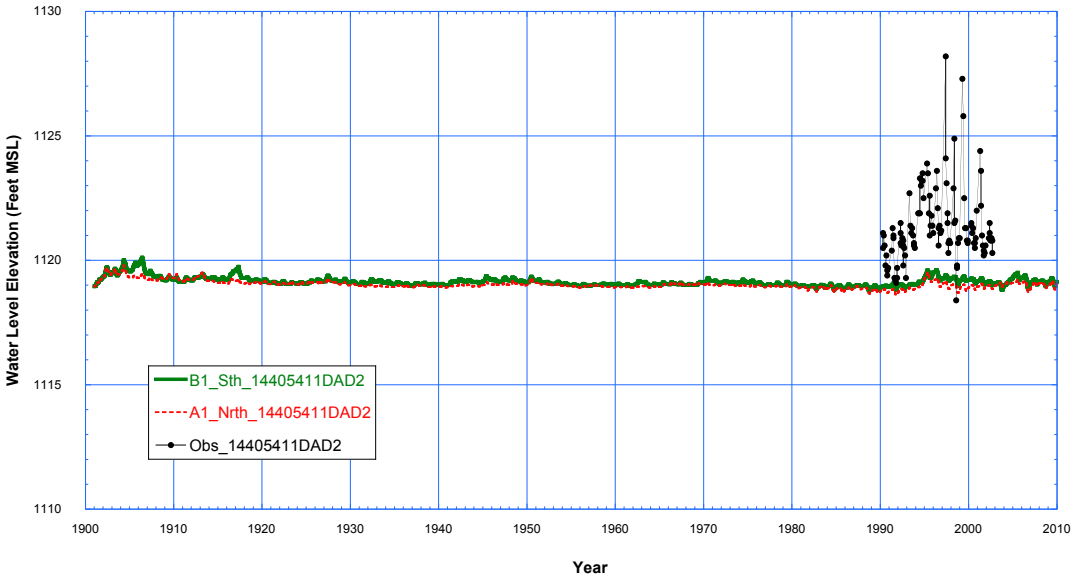

Figure E-58. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405411DAD2.

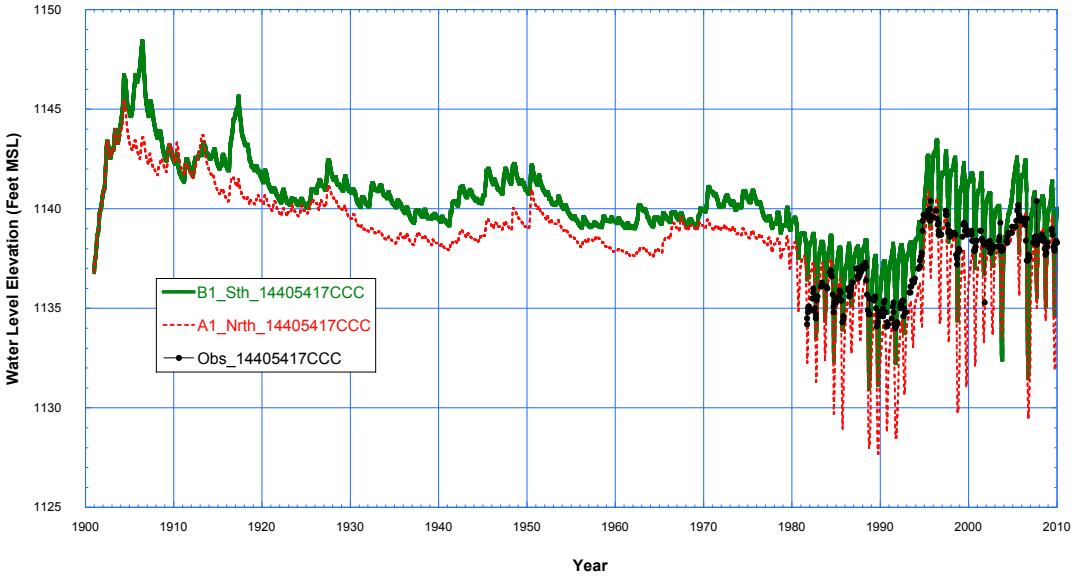

Figure E-59. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405417CCC.

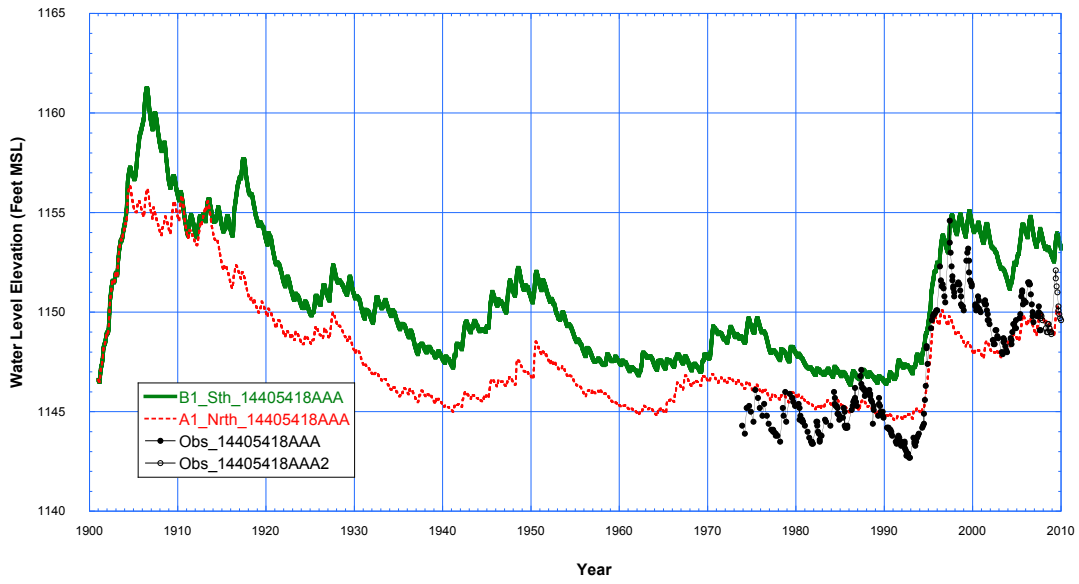

Figure E-60. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405418AAA1 & 2.

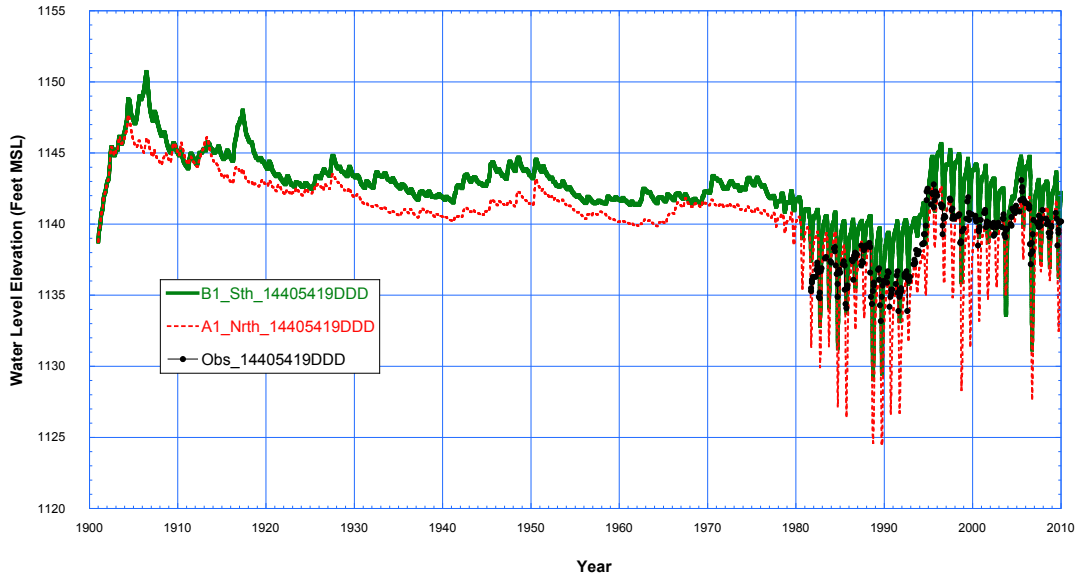

Figure E-61. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405419DDD.

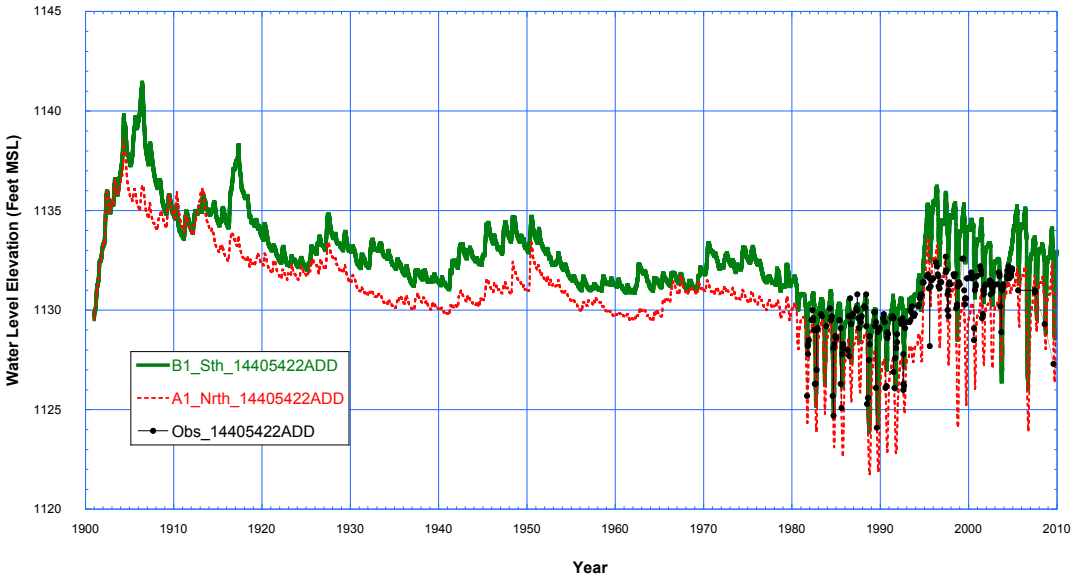

Figure E-62. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405422ADD.

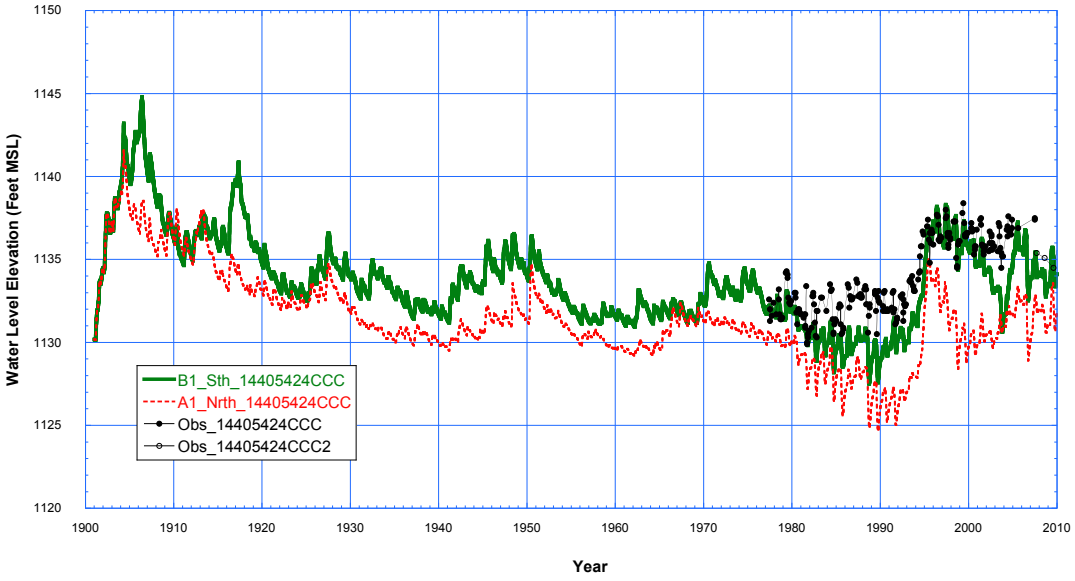

Figure E-63. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405424CCC1 & 2.

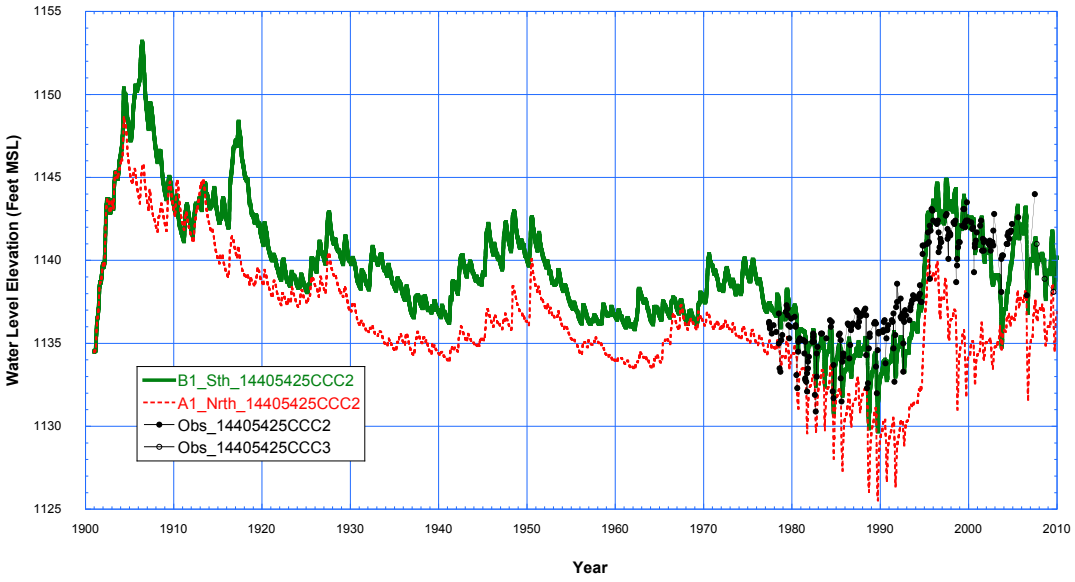

Figure E-64. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405425CCC2 & 3.

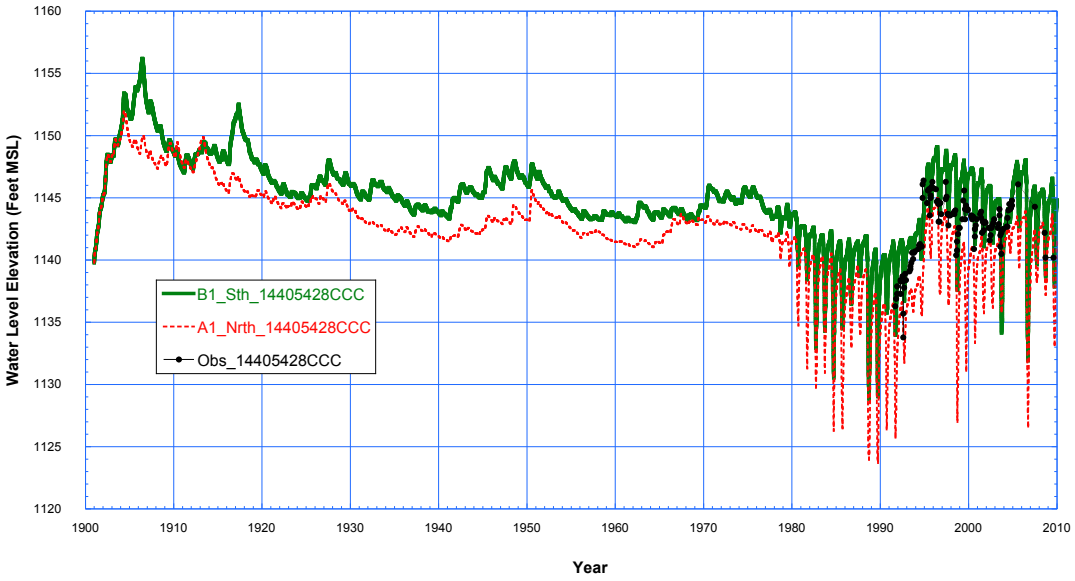

Figure E-65. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405428CCC.

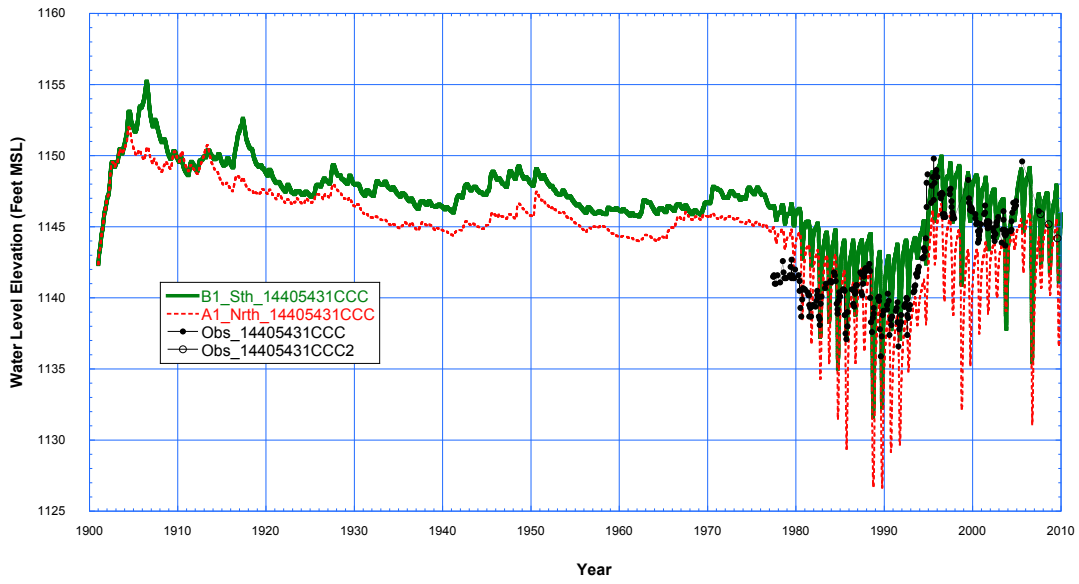

Figure E-66. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405431CCC1 & 2.

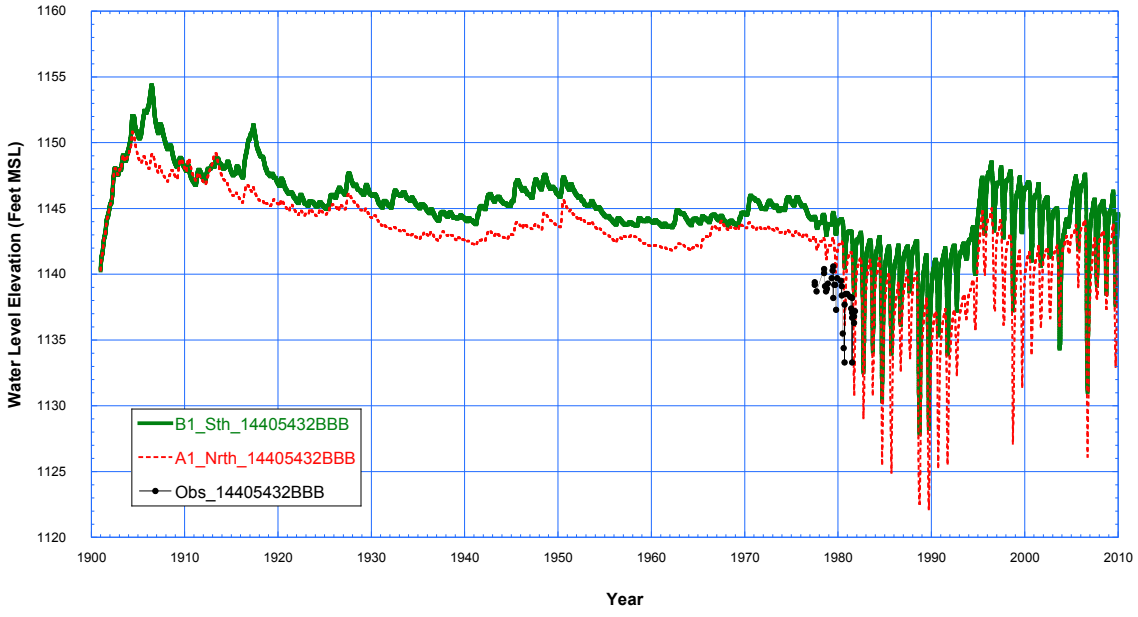

Figure E-67. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405432BBB.

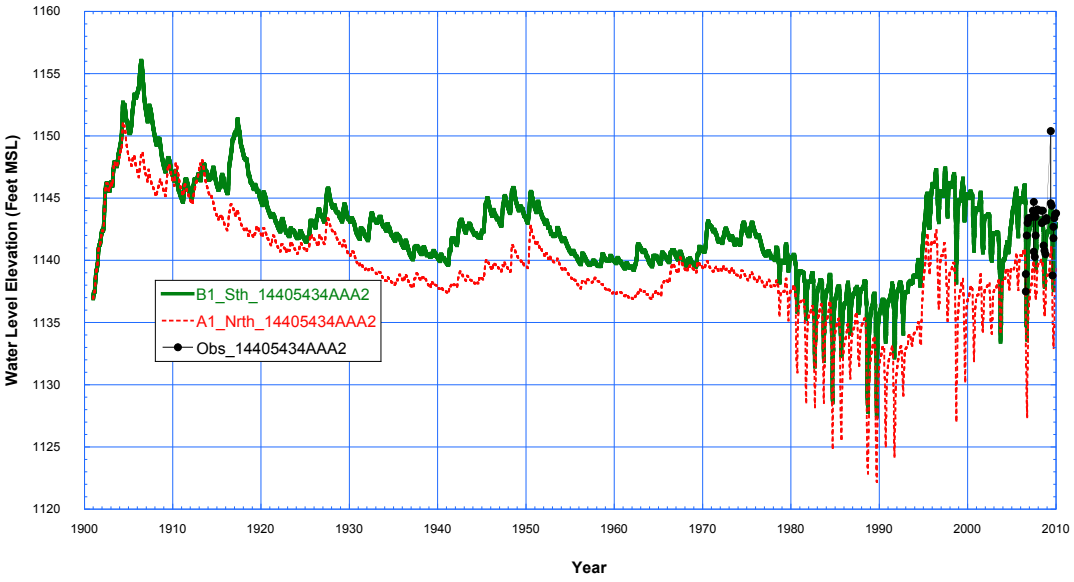

Figure E-68. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405434AAA2.

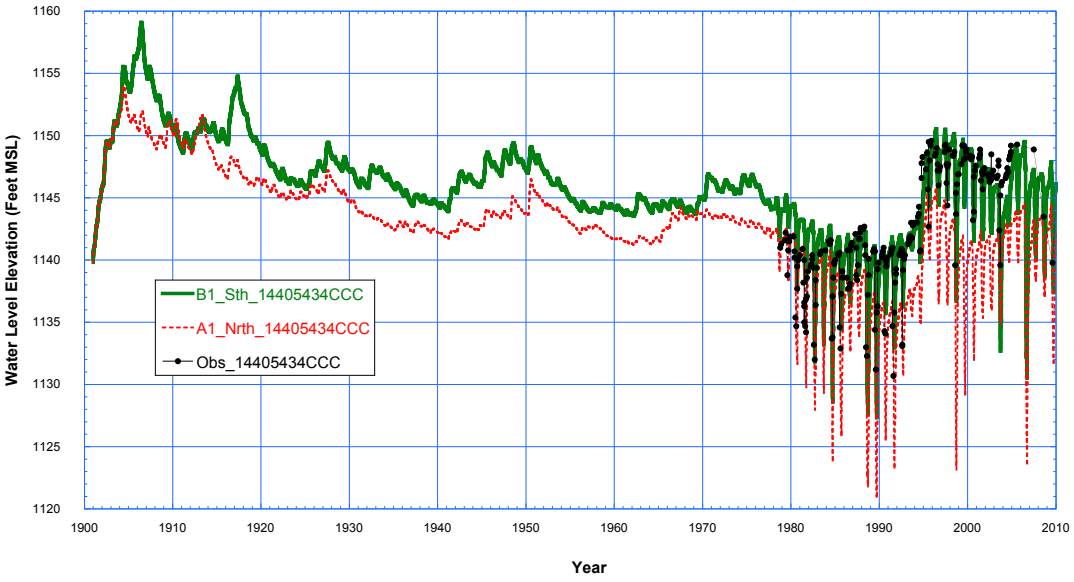

Figure E-69. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405434CCC.

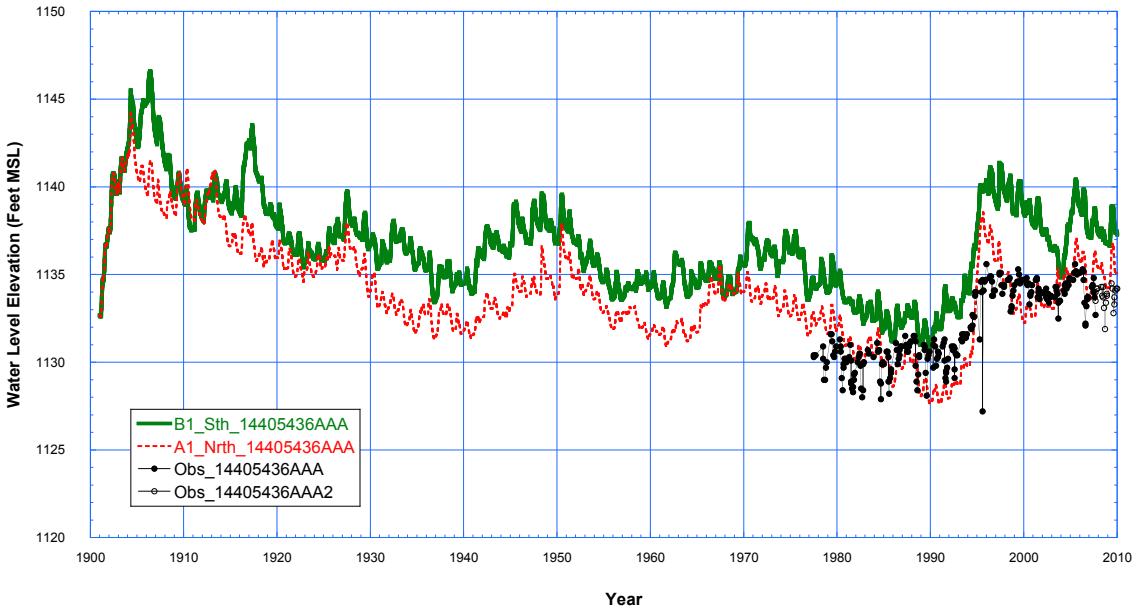

Figure E-70. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405436AAA1 & 2.

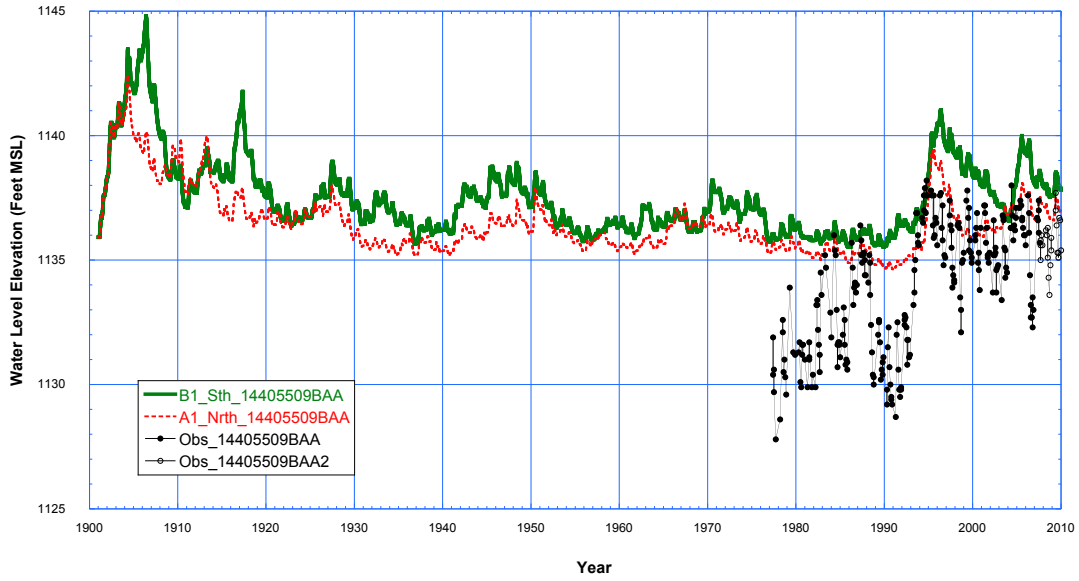

Figure E-71. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405509BAA1 & 2.

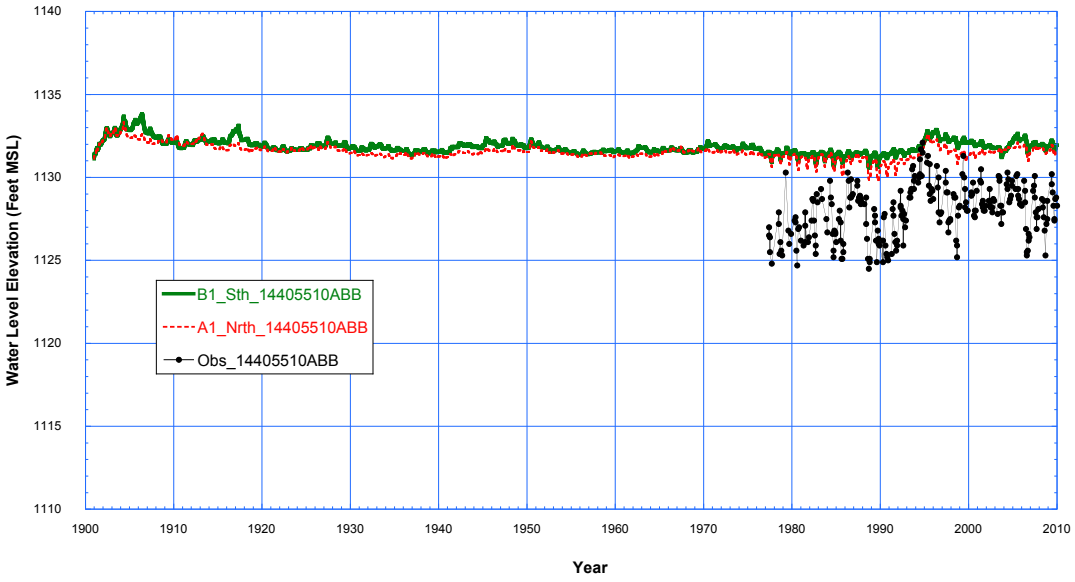

Figure E-72. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405510ABB.

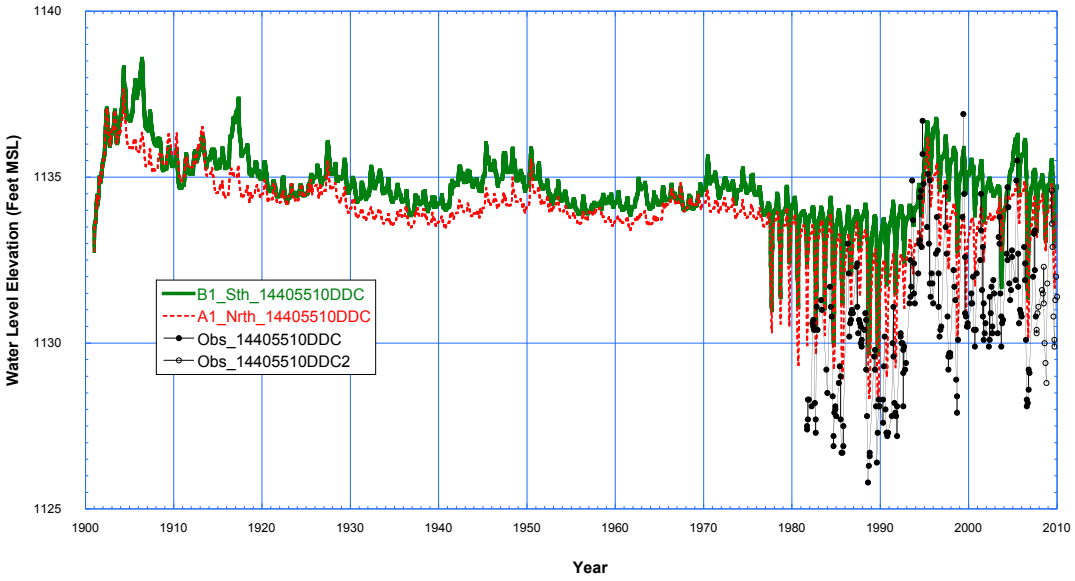

Figure E-73. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405510DDC1 & 2.

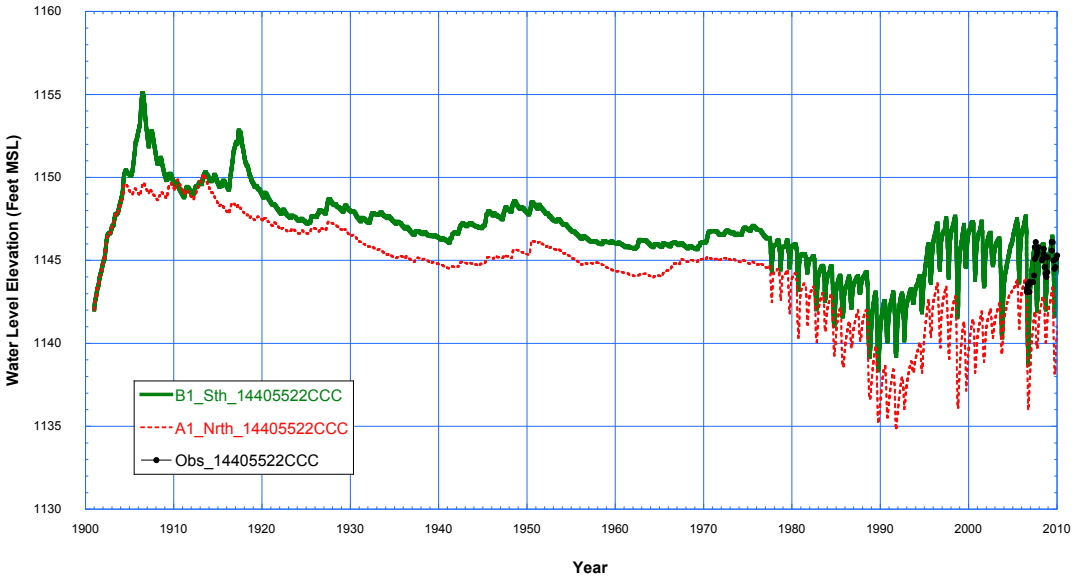

Figure E-74. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405522CCC.

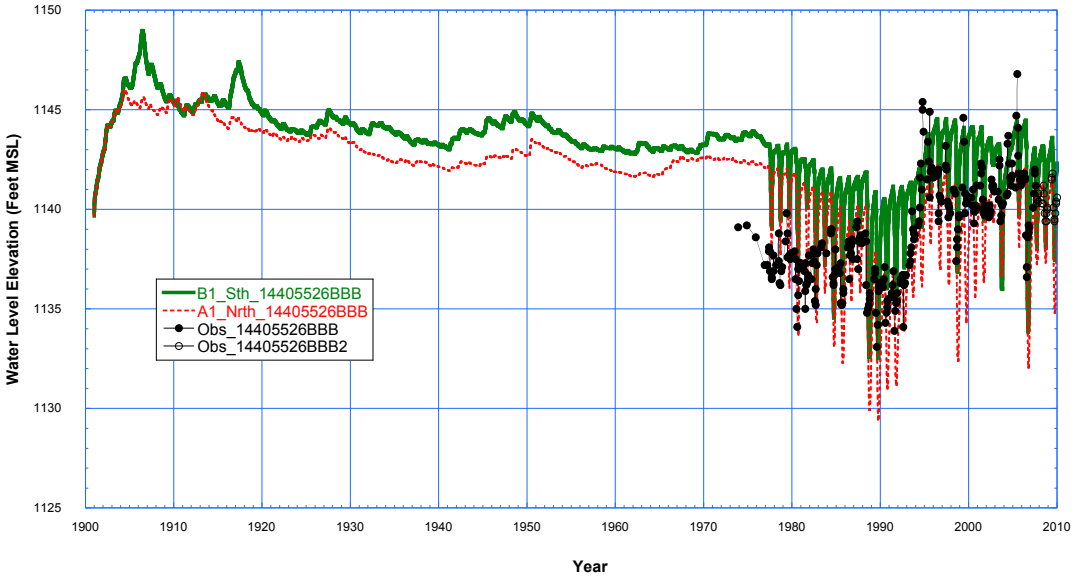

Figure E-75. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405526BBB1 & 2.

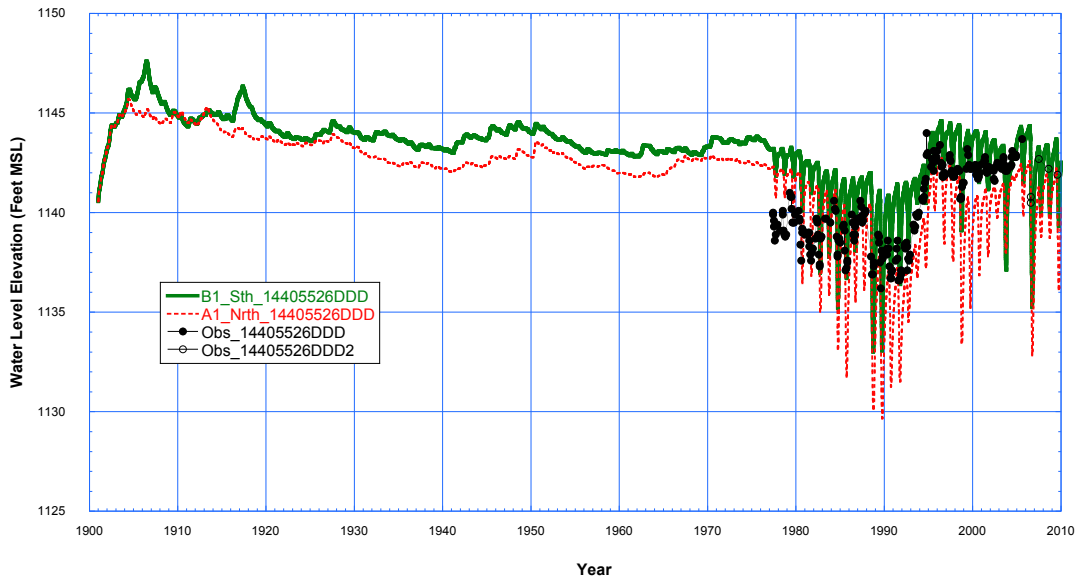

Figure E-76. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405526DDD1 & 2.

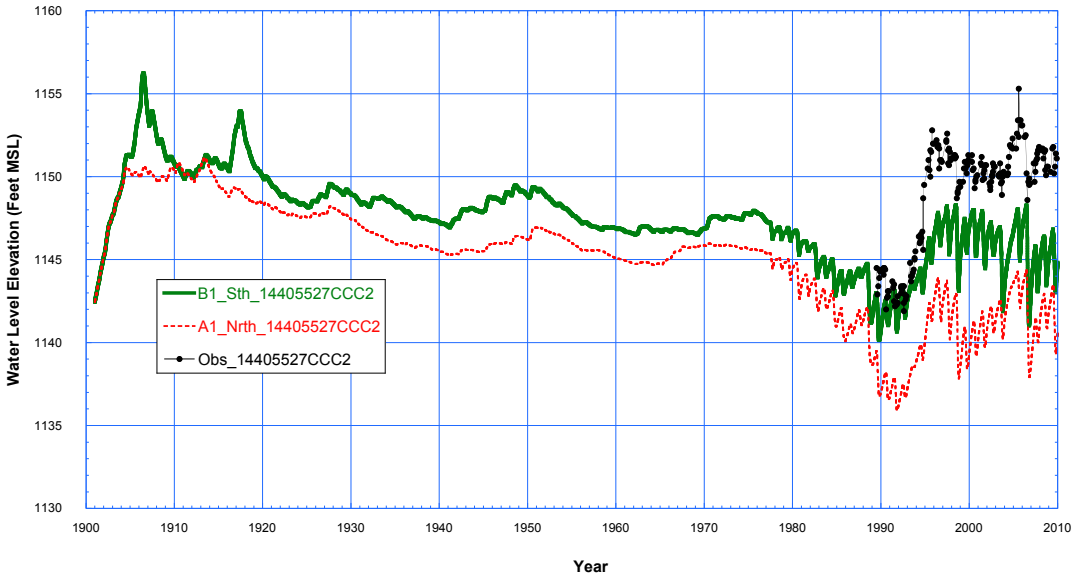

Figure E-77. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405527CCC2.

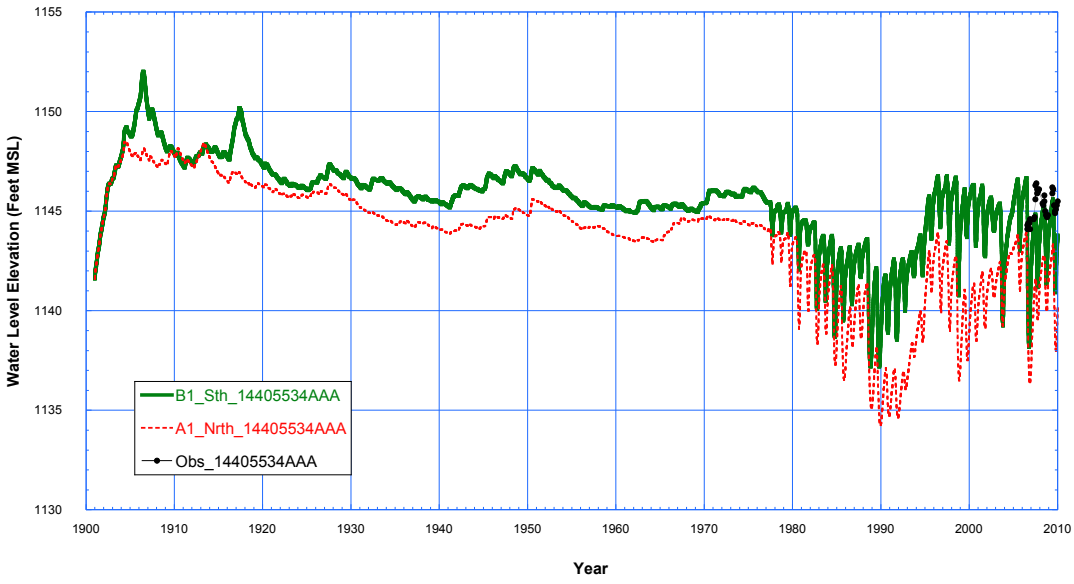

Figure E-78. -- Observed vs. simulated water levels from model runs A1 (North Climate Set) and B1 (South Climate Set) for observation well 14405534AAA.