

Appendix A. Lithologic, geophysical, and temperature logs for H-series of wells, Raft River Valley, Idaho.

Drill cuttings were collected every 5 feet and used to develop the lithologic logs. Lithology symbols are given in figure A-1, and symbols are combined in the logs where an interval contains a mixture of materials. The Salt Lake Formation is described in Williams and others (1982). Most wells were in sediments, but H10, H11, H12, H19 and H30 in The Narrows intercepted rhyolite lava flows. Geophysical logs were run for caliper and resistivity and natural gamma ray, with the data recorded on chart paper. All logs were digitized at a later date. Resistivity logs were calibrated using a calibration box, and the units of the calibration are shown on plots and included in the tables. The resistance calibration is in ohms, and the relation of the resistance in ohms to the formation resistivity in ohm m is unknown. The resistivity logs were digitized as 100 counts, with the nonlinear resistivity calibration recorded on that scale. Caliper logs were calibrated with a jig at 4, 6, and 8 inches. Gamma ray logs were recorded as counts per second, with a calibration at 200 API units given in the tables. Inclinator measurements were made at discrete depths using hydrofluoric acid in small test tubes and are reported in table A-48. Plots show repeated temperature logs. Dates of logging on figures and tables in m/d/yy format.

Figures

- A-1. Lithology symbol key.
- A-2. Lithologic log for H01.
- A-3. Resistance and caliper logs for H01.
- A-4. Resistance and natural gamma logs for H01.
- A-5. Temperature logs for H01 on dates listed.
- A-6. Temperature logs for H01 on dates listed.
- A-7. Lithologic log for H02.
- A-8. Resistance and caliper logs for H02.
- A-9. Resistance and natural gamma logs for H02.
- A-10. Temperature logs for H02 on dates listed.
- A-11. Temperature logs for H02 on dates listed.
- A-12. Lithologic log for H03.
- A-13. Resistance and caliper logs for H03.
- A-14. Resistance and natural gamma logs for H03.
- A-15. Temperature logs for H03 on dates listed.
- A-16. Temperature logs for H03 on dates listed.
- A-17. Lithologic log for H04.
- A-18. Resistance and caliper logs for H04.

- A-19. Resistance and natural gamma logs for H04.
- A-20. Natural gamma logs for H04 in uncased hole and inside casing.
- A-21. Temperature logs for H04 on dates listed.
- A-22. Temperature logs for H04 on dates listed.
- A-23. Lithologic log for H05.
- A-24. Resistance and natural gamma logs for H05.
- A-25. Temperature logs for H05 on dates listed.
- A-26. Lithologic log for H06.
- A-27. Resistance and caliper logs for H06.
- A-28. Resistance and natural gamma logs for H06.
- A-29. Temperature logs for H06 on dates listed. Log of 9/10/79B taken while water flowing from wellhead.
- A-30. Lithologic log for H07.
- A-31. Resistance and caliper logs for H07.
- A-32. Resistance and natural gamma logs for H07.
- A-33. Temperature logs for H07 on dates listed.
- A-34. Lithologic log for H08.
- A-35. Resistance and caliper logs for H08.
- A-36. Resistance and natural gamma logs for H08.
- A-37. Temperature logs for H08 on dates listed.
- A-38. Lithologic log for H09.
- A-39. Resistance and caliper logs for H09.
- A-40. Resistance and natural gamma logs for H09.
- A-41. Temperature logs for H09 on dates listed.
- A-42. Lithologic log for H10.
- A-43. Resistance and caliper logs for H10.
- A-44. Resistance and natural gamma logs for H10.
- A-45. Temperature logs for H10 on dates listed.
- A-46. Lithologic log for H11.
- A-47. Resistance and caliper logs for H11.
- A-48. Resistance and natural gamma logs for H11.
- A-49. Temperature logs for H11 on dates listed.
- A-50. Lithologic log for H12.
- A-51. Resistance and caliper logs for H12.
- A-52. Resistance and natural gamma logs for H12.
- A-53. Temperature logs for H12 on dates listed.
- A-54. Lithologic log for H13.
- A-55. Resistance and caliper logs for H13.
- A-56. Resistance and natural gamma logs for H13.
- A-57. Temperature logs for H13 on dates listed.
- A-58. Lithologic log for H14.
- A-59. Resistance and caliper logs for H14.
- A-60. Resistance and natural gamma logs for H14.
- A-61. Temperature logs for H14 on dates listed.
- A-62. Lithologic log for H15.
- A-63. Resistance and caliper logs for H15.
- A-64. Resistance and natural gamma logs for H15.

- A-65. Temperature logs for H15 on dates listed.
- A-66. Lithologic log for H16.
- A-67. Resistance and caliper logs for H16.
- A-68. Resistance and natural gamma logs for H16.
- A-69. Temperature logs for H16 on dates listed.
- A-70. Lithologic log for H17.
- A-71. Resistance and caliper logs for H17.
- A-72. Resistance and natural gamma logs for H17.
- A-73. Temperature logs for H17 on dates listed.
- A-74. Resistance and caliper logs for H18.
- A-75. Resistance and natural gamma logs for H18.
- A-76. Temperature logs for H18 on dates listed.
- A-77. Lithologic log for H19.
- A-78. Resistance and caliper logs for H19.
- A-79. Temperature logs for H19 on dates listed.
- A-80. Lithologic log for H21.
- A-81. Resistance and caliper logs for H21.
- A-82. Resistance and natural gamma logs for H21.
- A-83. Temperature logs for H21 on dates listed.
- A-84. Lithologic log for H22.
- A-85. Resistance and caliper logs for H22.
- A-86. Resistance and natural gamma logs for H22.
- A-87. Temperature logs for H22 on dates listed.
- A-88. Lithologic log for H30.
- A-89. Lithologic log for H30 (continued).
- A-90. Resistance and caliper logs for H30.
- A-91. Resistance and natural gamma logs for H30.
- A-92. Temperature logs for H30 on dates listed.
- A-93. Lithologic log for H35.
- A-94. Resistance and caliper logs for H35.
- A-95. Resistance and natural gamma logs for H35.
- A-96. Temperature logs for H35 on dates listed.
- A-97. Lithologic log for H41.
- A-98. Temperature logs for H41 on dates listed.

Tables

- A-1. Data for geophysical logs for H01.
- A-2. Data for temperature logs for H01.
- A-3. Data for geophysical logs for H02.
- A-4. Data for temperature logs for H02.
- A-5. Data for geophysical logs for H03.
- A-6. Data for temperature logs for H03.
- A-7. Data for geophysical logs for H04.
- A-8. Data for temperature logs for H04.
- A-9. Data for geophysical logs for H05.

- A-10. Data for temperature logs for H05.
- A-11. Data for geophysical logs for H06.
- A-12. Data for temperature logs for H06.
- A-13. Data for geophysical logs for H07.
- A-14. Data for temperature logs for H07.
- A-15. Data for geophysical logs for H08.
- A-16. Data for temperature logs for H08.
- A-17. Data for geophysical logs for H09.
- A-18. Data for temperature logs for H09.
- A-19. Data for geophysical logs for H10.
- A-20. Data for temperature logs for H10.
- A-21. Data for geophysical logs for H11.
- A-22. Data for temperature logs for H11.
- A-23. Data for geophysical logs for H12.
- A-24. Data for temperature logs for H12.
- A-25. Data for geophysical logs for H13.
- A-26. Data for temperature logs for H13.
- A-27. Data for geophysical logs for H14.
- A-28. Data for temperature logs for H14.
- A-29. Data for geophysical logs for H15.
- A-30. Data for temperature logs for H15.
- A-31. Data for geophysical logs for H16.
- A-32. Data for temperature logs for H16.
- A-33. Data for geophysical logs for H17.
- A-34. Data for temperature logs for H17.
- A-35. Data for geophysical logs for H18.
- A-36. Data for temperature logs for H18.
- A-37. Data for geophysical logs for H19.
- A-38. Data for temperature logs for H19.
- A-39. Data for geophysical logs for H21.
- A-40. Data for temperature logs for H21.
- A-41. Data for geophysical logs for H22.
- A-42. Data for temperature logs for H22.
- A-43. Data for geophysical logs for H30.
- A-44. Data for temperature logs for H30.
- A-45. Data for geophysical logs for H35.
- A-46. Data for temperature logs for H35.
- A-47. Data for temperature logs for H41.
- A-48. Inclinator calibration and data for inclinometer measurements and corrected depths for H-series wells and HF 5.