**EXPLANATION**

Clay, silt, or other fine-grained material. Includes material logged as soil, mud, ash, shale, marl, and lime.

Sand or sandstone

Gravel, conglomerate, or other coarse-grained material. Includes material logged as boulders, cobbles, and rock.

Sandy

Gravely

Note: Symbols are combined to show mixed lithologies. Horizontal lines in the strip log show changes as logged though generalized lithologic symbols may not change.

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Potentiometric surface.

Generalized potentiometric surface of the ground water at the line of section; mostly from data of March 1969.

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Contact

Approximately located. Questioned where questionable.

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Correlation line

Interpreted correlation between logs, not at line of section. Questioned where questionable. Sections E-E' and F-F' are interpreted seismic reflector correlation at line of section. Seismic data and interpretation from W.D. Stanley (written commun. 1969).

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Major fault or fault zone.

Approximately located. Questioned where questionable. Arrows show relative direction of movement.

Geologic unit symbols:

Gr, Quaternary rocks undivided
Ts, Salt Lake Formation
Td, Diamictite
EPr, Cambrian through Permian rocks
Pr, Precambrian and Cambrian rocks

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Distance, in feet and direction to data point perpendicular to line of section.

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Well or test hole number

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Head above land surface, in feet. Parentheses indicates data from nearby well.

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Flow, head not known

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Line at right side of strip log represents location of data point.

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Depth to water below land surface, in feet.

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Gamma ray log: Radiation increases to right; center line of gamma-ray chart is line at right side of strip log.

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Bracket indicates perforated or screened interval.

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Specific conductance of water in micromhos per centimeter at 25°C.

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Temperature of water, in degrees Celsius.

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Parentheses indicate data from nearby well.

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Open end of casing.

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Vertical electrical sounding (VES). Sections E-E' and F-F' include strip log showing generalized lithologic interpretations of electrical resistivity data. Resistivity surveyed by A.A.R. Zobaly and W.D. Stanley; interpretation by W.D. Stanley (written commun. 1969).

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Electrical resistivity of generalized lithologic unit, in ohm-meters.

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VERTICAL EXAGGERATION X20
Datum is mean sea level.

Plate 2