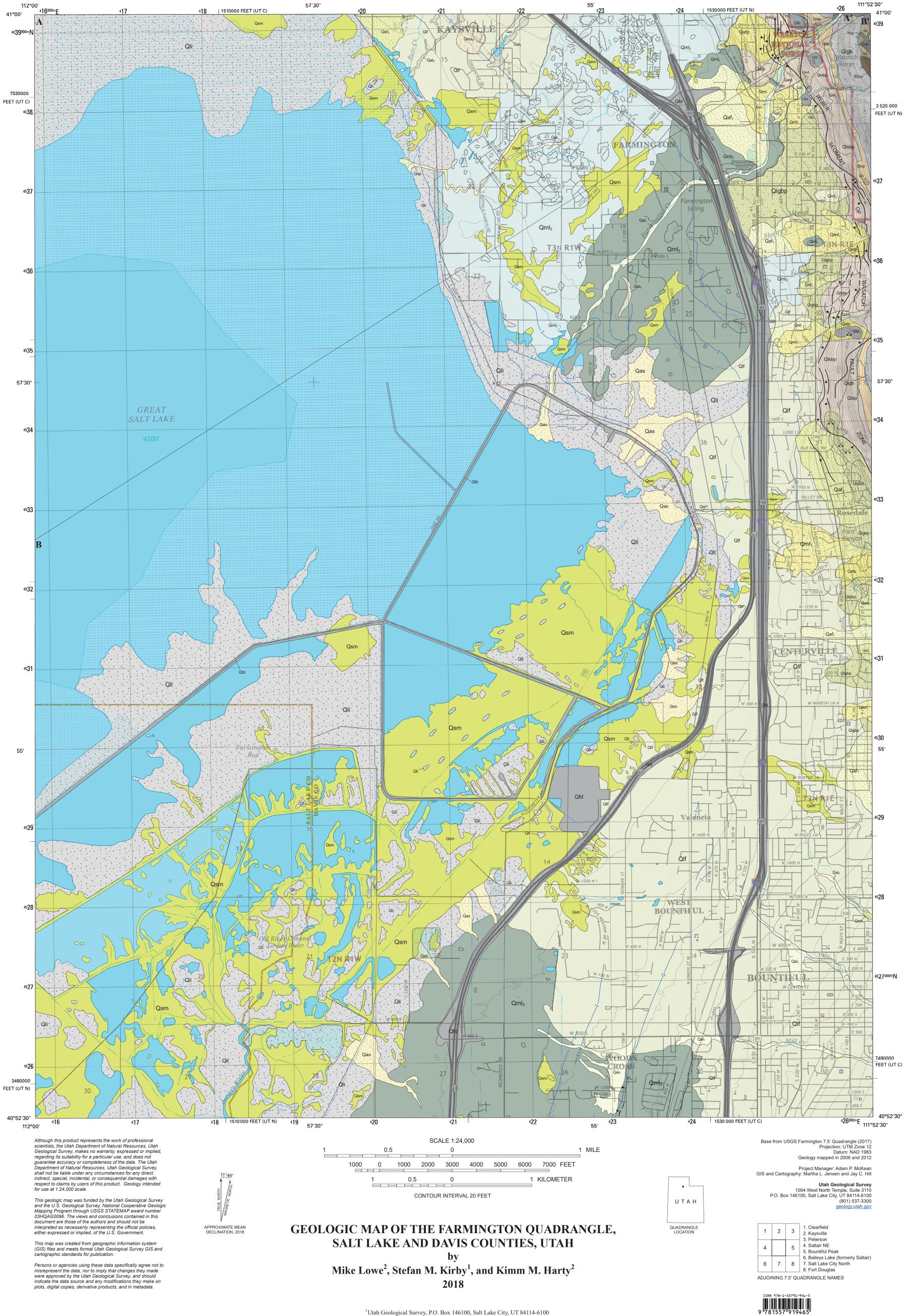


Plate 1 Utah Geological Survey Map 279DM Geologic Map of the Farmington Quadrangle



<sup>2</sup>Utah Geological Survey, retired



	QUATERNARY
	Alluvial deposits
Qal <sub>1</sub>	<b>Younger stream alluvium</b> (upper Holocene) – Clast-supported, moderately to well-sorted pebble and cobble gravel, gravelly sand, and silty sand deposited in modern channels and floodplains; clasts subangular to rounded; deposited where fluvial processes are currently or episodically active; locally includes minor alluvial-fan, colluvial, and terrace deposits; thickness generally less than 6 meters (20 ft).
Qal <sub>2</sub>	<b>Older stream alluvium</b> (middle Holocene to upper Pleistocene) – Clast-supported, moderately sorted pebble and cobble gravel, gravelly sand, and silty sand deposited along inactive floodplains 1 to 3 meters (3-10 ft) above modern stream level; clasts subangular to rounded; mapped along Haight Creek and adjacent drainages in the northern part of the quadrangle where fluvial processes are generally no longer active; thickness generally less than 6 meters (20 ft).
Qalp	<b>Stream alluvium related to the Provo shoreline and regressive phase of Lake Bonneville</b> (upper Pleistocene) – Clast-supported, moderately to well-sorted pebble and cobble gravel, gravelly sand, and silty sand; deposited along inactive floodplains more than 3 meters (10 ft) above modern stream level; mapped where fluvial processes are generally no longer active; exposed thickness less than 6 meters (20 ft).
Qaf	<b>Younger alluvial-fan deposits</b> (upper Holocene) – Mixture of gravel and sand deposited by streams, and diamicton deposited by debris flows; forms fans, locally with distinct levees and channels, at mouths of mountain-front canyons; exposed thickness less than 6 meters (20 ft).
Qaf <sub>2</sub>	<b>Older alluvial-fan deposits</b> (middle Holocene to upper Pleistocene) – Mixture of gravel and sand deposited by streams, and diamicton deposited by debris flows; forms fans that are slightly incised by modern stream channels; exposed thickness less than 6 meters (20 ft).
Qafp	Alluvial-fan deposits related to the Provo shoreline and regressive phase of Lake Bonneville (upper Pleistocene) – Mixture of gravel and sand deposited by streams, and diamicton deposited by debris flows; forms fans graded approximately to the Provo level of Lake Bonneville that are incised by modern stream channels; exposed thickness less than 6 meters (20 ft).
	Artificial deposits
Qfd	Fill and disturbed land (historical) – Land disturbed and excavated through aggregate (sand and

**DESCRIPTION OF MAP UNITS** 

#### gate (sand and Giù gravel) operations and construction of Interstate highways, highway interchanges, and Farmington Bay dikes. **Colluvial deposits**

Qc Colluvium (Holocene to middle Pleistocene) – Weakly to non-layered, variably sorted, matrix- to clast-supported silt, sand, clay, and minor gravel of local origin; deposits formed mostly by creep and slope wash; includes hill-slope deposits of angular cobble to pebble-sized clasts of Farmington Canyon Complex float; thickness probably less than 3 meters (10 ft) in most areas. Wetland and marsh deposits

## Wetland and marsh deposits (Holocene) - Wet, fine-grained, organic-rich sediment associated Qsm with springs, wetlands, ponds and seeps; thickness probably less than 1 meter (3 ft) in most areas. **Mass-movement deposits**

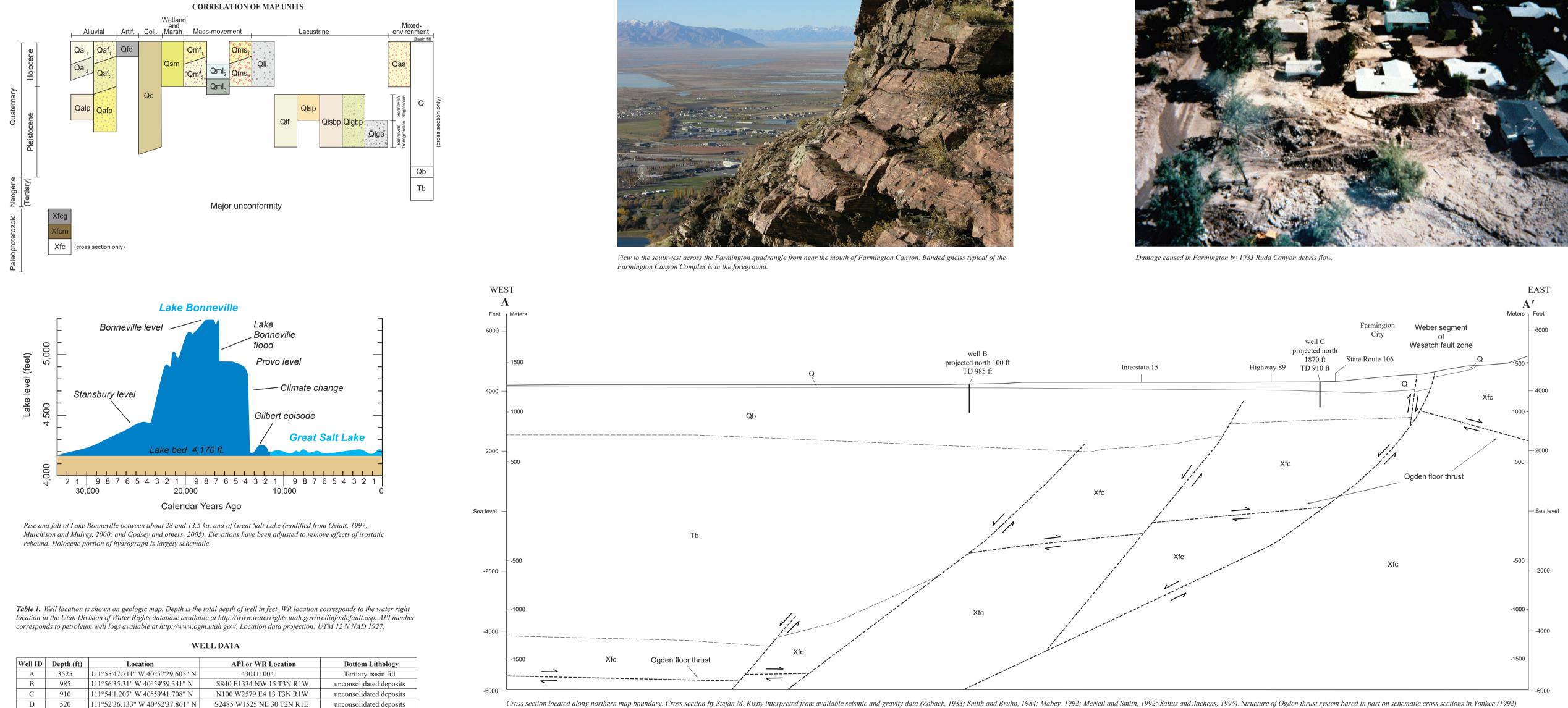
- Debris-flow deposits (upper Holocene) Matrix- to clast-supported cobble and boulder gravel, Qmf, with variable amounts of sand, silt, and clay matrix; surfaces variably rubbly and commonly have levees and channels; thickness probably less than 9 meters (30 ft). Older debris-flow deposits (middle to lower Holocene) – Matrix- to clast-supported cobble and
- Qmf<sub>2</sub> boulder gravel, with variable amounts of sand, silt, and clay matrix; surfaces variably rubbly and commonly have levees and channels; includes multiple events graded to various levels above modern channels; unit grades into alluvial fans at mouths of canyons; thickness probably less than 9 meters (30 ft).
- Liquefaction-induced landslide deposits (Holocene) Mixture of silt, fine sand, and minor gravel Qml<sub>2</sub> redeposited in flow slides and lateral spreads (the northern part of the Farmington Siding landslide complex) as a result of liquefaction during large earthquakes; deposits display e-related lineaments, scarps, and hummocky topography; disrupted bedding and sand-filled cracks (injection features) are present in the deposits in the subsurface (Hylland and Lowe, 1998; Harty and Lowe, 2003); thickness generally less than 22 meters (70 ft). Most recent movement between 2700 and 4500 cal yr B.P.
- Older liquefaction-induced landslide deposits (lower Holocene to upper Pleistocene) Mixture Qml of silt, fine sand, and minor gravel redeposited in flow slides and lateral spreads (the southern part of the Farmington Siding landslide complex) as a result of liquefaction during large earthquakes; deposits display landslide-related lineaments, scarps, and hummocky topography that are more subdued than similar features found in the northern part of the landslide complex (Hylland and Lowe, 1998; Harty and Lowe, 2003); thickness less than 22 meters (70 ft). Most recent movement between 11,500 and 13,000 cal yr B.P.
- Landslide deposits (upper Holocene) Unsorted, unstratified mixtures of gravel, sand, silt, and Oms. clay redeposited by slides, slumps, and flows; deposits display distinctly hummocky topography and fresh scarps, and are currently or have been recently active; thickness generally less than 15 meters (50 ft). Older landslide deposits (middle to lower Holocene) – Unsorted, unstratified mixtures of mostly Qmsz
- sand, silt, and clay redeposited by single to multiple slides, slumps, and flows; deposits display hummocky topography but lack fresh scarps and are mostly inactive; thickness generally less than 15 meters (50 ft). Lacustrine deposits
- Lacustrine silt and clay deposits (Holocene) Silt and clay with minor sand deposited in mud Qli flats and exposed by fluctuating Great Salt Lake levels; may contain gypsum, halite, and other salts; thickness typically less than 3 meters (10 ft).
- Lacustrine fine-grained deposits (upper Pleistocene) Intervals of mixed fine-grained sediment, Qlf clay to silt, and intervals of rhythmically interbedded fine to medium sand deposited in low-energy, generally offshore environments at elevations below the Provo shoreline; thickness typically less than 6 meters (20 ft).
- Lacustrine sand-bearing deposits related to the Provo shoreline and regressive phase of Lake Qlsp Bonneville (upper Pleistocene) – Moderately to well-sorted gravelly sand, interlayered with some silt and sand; deposited and reworked in higher energy environments along the Provo and regressive shorelines near the mountain front; mapped at elevations below Provo shoreline; thickness typically less than 6 meters (20 ft).
- Lacustrine sand-bearing deposits related to transgressive and regressive phases of Lake Qlsbp Bonneville (upper Pleistocene) – Moderately to well-sorted gravelly sand, interlayered with some silt and sand; deposited and reworked in higher energy environments near the mountain front; mapped at elevations below Provo shoreline; thickness typically less than 6 meters (20 ft).
- Lacustrine gravel-bearing deposits related to transgressive and regressive phases of Lake Qlgbp Bonneville (upper Pleistocene) - Sand and clast-supported, moderately sorted pebble to cobble gravel, mapped below the Provo shoreline; gravels contain rounded to subrounded clasts, and some subangular clasts derived from reworking of mass-movement and alluvial-fan deposits; deposited in higher energy environments along shorelines; thickness generally less than 9 meters (30 ft).
- Lacustrine gravel-bearing deposits related to the Bonneville shoreline and transgressive ୁ `Qlgb`` phase of Lake Bonneville (upper Pleistocene) – Clast-supported, moderately to well-sorted pebble to cobble gravel, with some silt to sand in interfluve areas and away from mountain front; gravels contain rounded to subrounded clasts, and some subangular clasts derived from reworking of mass-movement and alluvial-fan deposits; deposited in higher energy environments along shorelines during Lake Bonneville transgression; thickness generally less than 9 meters (30 ft). **Mixed-environment deposits**
- Mixed alluvial and marsh deposits (Holocene) Predominantly fine-grained sediment (sand, silt, Qas and clay) deposited by low-gradient streams and in marshes; total thickness typically less than 6 meters (20 ft).
- Quaternary unconsolidated basin fill (Holocene to Pleistocene) Unconsolidated mixture of Q lacustrine and alluvial clay, silt, sand, gravel, marl, and tuffaceous layers; shown only on cross sections; up to 150 meters (500 ft) thick. Quaternary basin fill (Pleistocene) – Weakly consolidated mixture of lacustrine and alluvial clay, Qb silt, sand, gravel, marl, and tuffaceous layers; shown only on cross sections; up to 400 meters
- (1300 ft) thick. Tb Tertiary basin fill (Tertiary) – Weakly to strongly consolidated mixture of conglomerate, sandstone, mudstone, tuffaceous sandstone, tuff, and lacustrine limestone; shown only on cross sections; up to 2400 meters (8000 ft) thick.
- PALEOPROTEROZOIC Farmington Canyon Complex quartz-rich gneiss (Paleoproterozoic) - Medium- to light-gray, moderately foliated and layered, quartzo-feldspathic gneiss. Unit is characterized by quartz, feldspar, hornblende, and biotite gneiss, with garnet porphyroblasts; unit also contains zones of igmatite, pegmatitic dikes, amphibolite layers, biotite-rich schist, and mylonite. Unit forms rubble-strewn cliffs and steep slopes along Farmington Canyon and to the south along the mountain front. Age of metamorphism is ~1700 Ma (Nelson and others, 2002; Mueller and

others, 2011; Nelson and others, 2011).

- Farmington Canyon Complex pegmatitic gneiss (Paleoproterozoic) Light-gray, weakly to moderately foliated, pegmatitic gneiss. Unit consists of quartzo-feldspathic pegmatite gneiss with minor biotite mica and secondary chloritic alteration. Unit may contain relatively unfoliated pegmatite bands and pods, and zones of moderately foliated interlayered pegmatite and quartz-rich gneiss. Unit is inset in quartz-rich gneiss (Xfcg) exposures south of Farmington Canyon. Age of metamorphism is ~1700 Ma (Nelson and others, 2002; Mueller and others, 2011; Nelson and others, 2011).
- Farmington Canyon Complex, undifferentiated (Paleoproterozoic) Medium- to light-gray, Xfc moderately foliated and layered, quartzo-feldspathic gneiss and quartzo-feldspathic pegmatite gneiss; shown only on cross sections.

# REFERENCES

- Arnow, T., and Stephens, D., 1990, Hydrologic characteristics of the Great Salt Lake, Utah-1847-1986: U.S. Geological Survey Water-Supply Paper 2332, 32 p., scale 1:125,000. Bronk Ramsey, C., 2009, Bayesian analysis of radiocarbon dates: Radiocarbon, v. 51, no. 1, p. 337-360.
- Bryant, B., 1988, Geology of the Farmington Canyon Complex, Wasatch Mountains, Utah: U.S. Geological Survey Professional Paper 1476, 54 p., 1 plate, scale 1:50,000.
- Currey, D.R., and James, S.R., 1982, Paleoenvironments of the northeastern Great Basin and the Basin Rim region-a review of geological and biological evidence, in Madsen, D.B., and O'Connell, J.F., editors, Man and environment in the Great Basin: Society for American Archeology Papers, no. 2, p. 27–52.
- Godsey, H.S., Currey, D.R., and Chan, M.A., 2005, New evidence for an extended occupation of the Provo shoreline and implications for regional climate change, Pleistocene Lake Bonneville, Utah: Quaternary Research, v. 63, p. 212–223.
- Godsey, H.S., Oviatt, C.G., Miller, D.M., and Chan, M.A., 2011, Stratigraphy and chronology of offshore to nearshore deposits associated with the Provo shoreline, Pleistocene Lake Bonneville, Utah: Palaeogeography, Palaeoclimatology, Palaeoecology, v. 310, no. 3-4, p. 442-450.
- Harty, K.M., and Lowe, M., 2003, Geologic evaluation and hazard potential of liquefaction-induced landslides along the Wasatch Front, Utah: Utah Geological Survey Special Study 104, 40 p., 16 plates, scale 1:24,000.
- Hylland, M.D., and Lowe, M., 1998, Characteristics, timing, and hazard potential of liquefaction-induced landsliding in the Farmington Siding landslide complex, Davis County, Utah: Utah Geological Survey Special Study 95, 38 p. Mabey, D.R., 1992, Subsurface geology along the Wasatch Front: U.S. Geological Survey Profes-
- sional Paper 1500-C, 16 p. McGee, D., Quade, J., Edwards, R.L., Broecker, W.S., Cheng, H., Reiners, P.W., and Evenson, P., 2012, Lacustrine cave carbonates-novel archives of paleohydrologic change in the Bonneville Basin (Utah, USA): Earth and Planetary Science Letters, v. 351–352, p. 182–194.
- McKean, A.P., and Hylland, M.D., 2013, Interim geologic map of the Baileys Lake quadrangle, Salt Lake and Davis Counties: Utah Geological Survey Open-File Report 624, 18 p., 1 plate, scale 1:24,000.
- McNeil, B.R., and Smith, R.B., 1992, Upper crustal structure of the northern Wasatch Front, Utah, from seismic reflection and gravity data: Utah Geological Survey Contract Report 92-7, 62 p. Miller, D.M., 2016, The Provo shoreline of Lake Bonneville, in Oviatt, C.G., and Shroder, J.F., Jr.,
- editors, Lake Bonneville-a scientific update: Amsterdam, Netherlands, Elsevier, Developments in Earth Surface Processes, v. 20, chapter 7, p. 127–144. Miller, D.M., Oviatt, C.G., Dudash, S.L., and McGeehin, J.P., 2005, Late Holocene highstands of
- Great Salt Lake at Locomotive Springs, Utah: Geological Society of America Abstracts with Programs, v. 37, no. 7, p. 335. Mueller, P.A., Wooden, J.L., Mogk, D.W., and Foster, D.A., 2011, Paleoproterozoic evolution of
- the Farmington zone-implications for terrane accretion in southwestern Laurentia: Lithosphere, v. 3, no. 6, p. 401–408. Murchison, S.B., 1989, Fluctuation history of Great Salt Lake, Utah, during the last 13,000 years:
- Salt Lake City, University of Utah, Ph.D. dissertation, 137 p. Murchison, S.B., and Mulvey, W.E., 2000, Late Pleistocene and Holocene shoreline stratigraphy on Antelope Island, in King, J.K., and Willis, G.C., editors, The geology of Antelope Island:
- Utah Geological Survey Miscellaneous Publication 00-1, p. 78-83. Nelson, A.R., and Personius, S.F., 1993, Surficial geologic map of the Weber segment, Wasatch fault zone, Weber and Davis Counties, Utah: U.S. Geological Survey Miscellaneous Investigations Series Map I-2199, 22 p., 1 plate, scale 1:50,000.



and Willis and others (2010). Actual position of Ogden thrust sytem in the subsurface uncertain

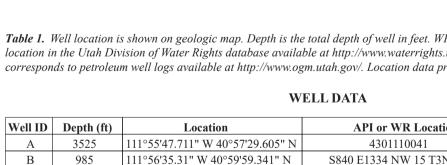


Table 2. Ages of major shoreline occupations of Lake Bonneville, Gilbert episode, and Great Salt Lake with shoreline elevations in the Farmington quadrangle.							
Lake Cycle and Phase	Shoreline	Age		Shoreline Elevation			
	(map symbol)	radiocarbon years ( <sup>14</sup> C yr B.P.)	calibrated years (cal yr B.P.) <sup>1</sup>	feet (meters)			

Lake Bonneville					
Transgressive phase	Stansbury shorelines		$22,000-20,000^2$	26,000-24,000	Not recognized <sup>3</sup>
	Bonneville (B)	flood —	~15,200–15,0004	~18,500–18,000	5180-5200 (1580-1585)
Overflowing phase	Provo (P)	11000	~15,000–12,6005	18,000–15,000	4820-4860 (1470-1482)
Regressive phase	Regressive shorelines (r, I)		~12,600–11,500 <sup>5</sup>	15,000–13,000	4380-4820 (1335-1470)
Gilbert episode	Gilbert (G)		$10,000^{6}$	11,500	~4250 (1295)
Great Salt Lake					
	early Holocene highstand		9700–9400 <sup>7</sup>	11,000–10,500	Not recognized
	late Holocene highstand		4200-2100 <sup>8</sup>	5000-2000	4217-4221 (1285-1287)
	Historical highstand			late 1860s to early 1870s and 1986–87 <sup>9</sup>	4212 (1284)

<sup>1</sup>All calibrations made using OxCal <sup>14</sup>C calibration and analysis software (version 4.3.2; Bronk Ramsey, 2009; using the IntCal13 calibration curve of Reimer and others, 2013), rounded to the nearest 500 years. <sup>2</sup>Oviatt and others (1990)

<sup>3</sup>The Stansbury shoreline formed at elevations of about 4440 to 4450 feet (1350–1360 m), which are present in the quadrangle, but the shoreline was either weakly developed or poorly preserved and cannot be identified. <sup>4</sup>Oviatt (2015), Miller (2016), and references therein <sup>5</sup>Godsey and others (2005, 2011), Oviatt (2015), Miller (2016) for the timing of the occupation of the Provo shoreline and subsequent regression of Lake

Bonneville to near Great Salt Lake level. Alternatively, data in Godsey and others (2005) may suggest that regression began earlier, shortly after 16.5 cal ka (see sample Beta-153158, with an age of  $13,660 \pm 50^{14}$ C yr B.P. [16.5 cal ka] from 1.5 m below the Provo shoreline). Also, lacustrine carbonate deposits in caves reported by McGee and others (2012) seem to support an earlier Lake Bonneville regression beginning around 16.4 cal ka. <sup>6</sup>Gilbert-episode highstand may have been very short lived; age represents lake culmination (Oviatt and others, 2005; Oviatt, 2014). <sup>7</sup>Murchison (1989), Currey and James (1982)

## Nelson, S.T., Harris, R.A., Dorais, M.J., Heizler, M., Constenius, K.N., and Barnett, D.E., 2002, Basement complexes in the Wasatch fault, Utah, provide new limits on crustal accretion: Geology, v. 30, no. 9, p. 831–834.

Nelson, S.T., Hart, G.L., and Frost, C.D., 2011. A reassessment of Mojavia and a new Chevenne Belt alignment in the eastern Great Basin: Geosphere, v. 7, no. 2, p. 513–527. Oviatt, C.G., 1997, Lake Bonneville fluctuations and global climate change: Geology, v. 25, no. 2, p. 155–158. Oviatt, C.G., 2014, The Gilbert episode in the Great Salt Lake basin, Utah: Utah Geological Survey

Miscellaneous Publication 14-3, 20 p. Oviatt, C.G., 2015, Chronology of Lake Bonneville, 30,000 to 10,000 yr B.P.: Quaternary Science Reviews, v. 110, p. 166–171, Appendix A supplementary data available online, http://dx.doi.org/10.1016/j.quascirev.2014.12.016.

Oviatt, C.G., Currey, D.R., and Miller, D.M., 1990, Age and paleoclimatic significance of the Stansbury shoreline of Lake Bonneville, northeastern Great Basin: Quaternary Research, v. 33, p. 291–305. Oviatt, C.G., Miller, D.M., McGeehin, J.P., Zachary, C., and Mahan, S., 2005, The Younger Dryas

phase of Great Salt Lake, Utah, USA: Palaeogeography, Palaeoclimatology, Palaeoecology, v. 219, no. 3–4, p. 263–284. Reimer, P.J., Bard, E., Bayliss, A., Beck, J.W., Blackwell, P.G., Bronk Ramsey, C., Buck, C.E., Cheng, H., Edwards, R.L., Friedrich, M., Grootes, P.M., Guilderson, T.P., Haflidason, H.,

Hajdas, I., Hatté, C., Heaton, T.J., Hoffmann, D.L., Hogg, A.G., Hughen, K.A., Kaiser, K.F., Kromer, B., Manning, S.W., Niu, M., Reimer, R.W., Richards, D.A., Scott, E.M., Southon, J.R., Staff, R.A., Turney, C.S.M., and van der Plicht, J., 2013, IntCall3 and Marine13 radiocarbon age calibration curves 0-50,000 years cal B.P.: Radiocarbon, v. 55, no. 4, p. 1869–1887. Sack, D., 2005, Geologic map of the Clearfield 7.5' quadrangle, Davis County, Utah: Utah Geological Survey Miscellaneous Publication MP-05-4, 14 p., 2 plates, scale 1:24,000.

Saltus, R.W., and Jachens, R.C., 1995, Gravity and basin-depth maps of the Basin and Range Province, western United States: U.S. Geological Survey Map GP-1012, scale 1:2,500,000.

Smith, R.B., and Bruhn, R.L., 1984, Intraplate extensional tectonics of the western U.S. Cordillera chanical models of brittle-ductile deformation: Journal of Geophysical Research, v. 89, no. B7, p. 5733–5762.

Solomon, B.J., 2007, Surficial geologic map of the Kaysville quadrangle, Davis County, Utah: Utah Geological Survey Map 224, 2 plates, scale 1:24,000. Van Horn, R., 1981, Geologic map of pre-Quaternary rocks of the Salt Lake City North quadrangle, Davis and Salt Lake Counties, Utah: U.S. Geological Survey Miscellaneous Investigations

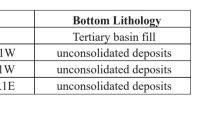
Series Map I-1330, 1 plate, scale 1:24,000. Van Horn, R., 1982, Surficial geologic map of the Salt Lake City North quadrangle, Davis and Salt Lake Counties, Utah: U.S. Geological Survey Miscellaneous Investigations Series Map I-1404, 1 plate, scale 1:24,000.

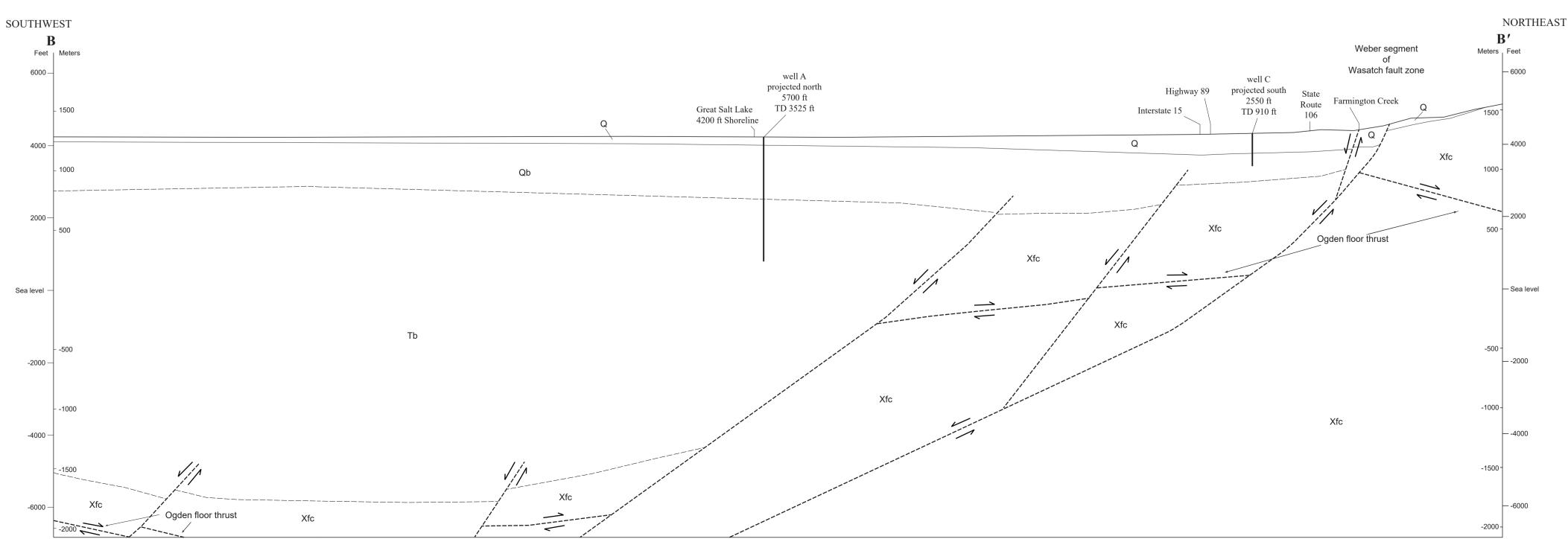
Van Horn, R., and Crittenden, M.D., Jr., 1987, Map showing surficial units and bedrock geology of the Fort Douglas and parts of the Mountain Dell and Salt Lake City North quadrangles, Davis, Salt Lake, and Morgan Counties, Utah: U.S. Geological Survey Miscellaneous Investigations Series Map I-1762, 1 plate, scale 1:24,000.

Willis, G.C., Yonkee, W.W., Doelling, H.H., and Jensen, M.E., 2010, Geology of Antelope Island State Park, Utah, in Sprinkel, D.A., Chidsey, T.C., Jr., and Anderson, P.B., editors, Geology of Utah's Parks and Monuments: Utah Geological Association Publication 28, p. 241–254. Yonkee, W.A., 1992, Basement cover relations, Sevier orogenic belt, northern Utah: Geological Society of America Bulletin, v. 104, no. 3, p. 280–302.

Zoback, M.L., 1983, Structure and Cenozoic tectonism along the Wasatch fault zone, Utah, in Miller, D.M., Todd, V.R., and Howard, K.A., editors, Tectonic and stratigraphic studies of the eastern Great Basin: Geological Society of America Memoir 157, p. 3-26.







Cross section by Stefan M. Kirby interpreted from available seismic and gravity data (Zoback, 1983; Smith and Bruhn, 1984; Mabey, 1992; McNeil and Smith, 1992; Saltus and Jachens, 1995). Structure of Ogden thrust system based in part on schematic cross sections in Yonkee (1992) and Willis and others (2010). Actual position of Ogden thrust system in the subsurface uncertain.

### MAP THICKNESS UNIT/ LITHOLOGY FORMATION SYMBOL meters (ft) Holo./Pleist. surficial deposits Q\* variable 3 surficial deposits Pleistocene Qb\* variable basin fill Tertiary basin-Tb\* variable fill deposits Major unconformity Farmington Canyon Complex >300 (1000) High-grade metamorphic and igneous Xfcn rocks, most structures and minerals formed during Paleoproterozoic metamorphism and igneous intrusion and were overprinted by Cretaceous and early Tertiary retrograde metamorphism (Yonkee, 1992) \* cross section only MAP SYMBOLS

Contact, dashed were approximately located, dotted where concealed •<u>•</u> Normal fault, dashed where approximately located, dotted where concealed; queried where uncertain; bar and ball on down-dropped side where known; arrows on cross section indicate direction of relative movement Landslide scarp, dotted where visible on 1952 aerial photographs but concealed by later urban development Topographic depression, some visible on older aerial photographs, some obscured by B later urban development Hummock or hill, some visible on older aerial photographs, some obscured by  $\bigcirc$ later urban development Gravel pit  $\sim$ ø Oil well, plugged and abandoned Water well (letter corresponds to well ID in table 1) Shorelines ----Bonneville shoreline ——— B ——— \_\_\_\_\_ P \_\_\_\_\_ Provo shoreline Intermediate regressional shoreline \_\_\_\_\_ r \_\_\_\_\_ Gilbert shoreline \_\_\_\_\_ I \_\_\_\_\_ Holocene intermediate shoreline

LITHOLOGIC COLUMN

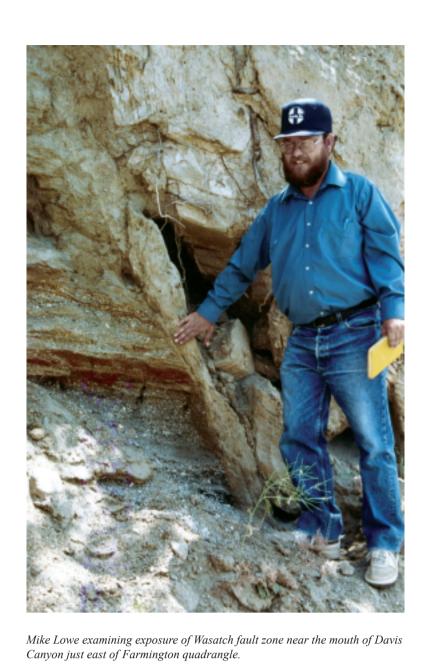
112° 7' 3 30" N	30" W		111° 45' 0" W
30 N	Clearfield	Kaysville (Nelsor	Peterson
	(Sack, 2005)	Personius (Solomon, 2007)	5, 1995)
			(Bryant, 1988)
	Saltair NE	FARMINGTON	Bountiful Peak
↑ N	(McKean, in prep)		
	Baileys Lake	Salt Lake City North	Fort Douglas
5' 0" N	(McKean and Hylland, 2013)	(Van Horn, 1981, 1982) (McKean, in prep)	(Van Horn and Crittenden, 1987) 40° 45' 0" N

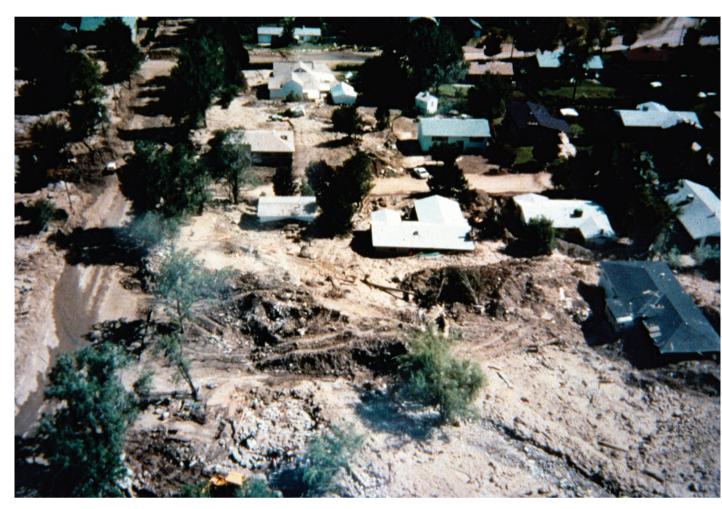
Index of select adjoining geologic maps.

41° 7' 30" N

40° 45' 0" N

112° 7' 30" W





111° 45' 0" W