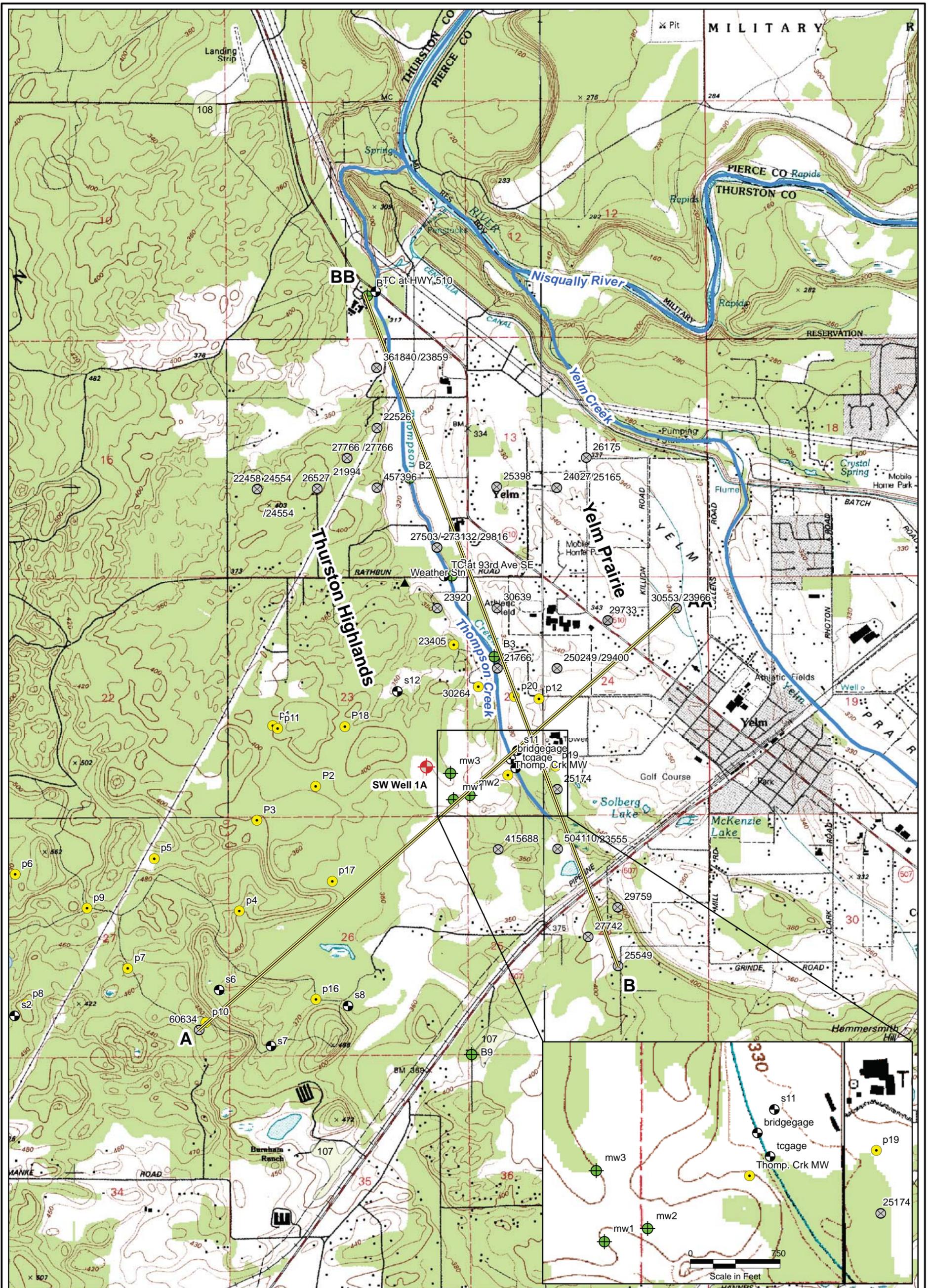


APPENDIX B
GEOLOGIC CROSS-SECTIONS



This figure was originally produced in color. Reproduction in black and white may result in a loss of information.

LEGEND

- ⊗ Ecology Well Logs
- ⊕ Monitoring Wells
- Piezometers
- ⊕ SW Well 1A
- ⊙ Staff Gages
- ▲ Weather Station
- Streams



Map Projection:
UTM NAD27, Zone 10 North

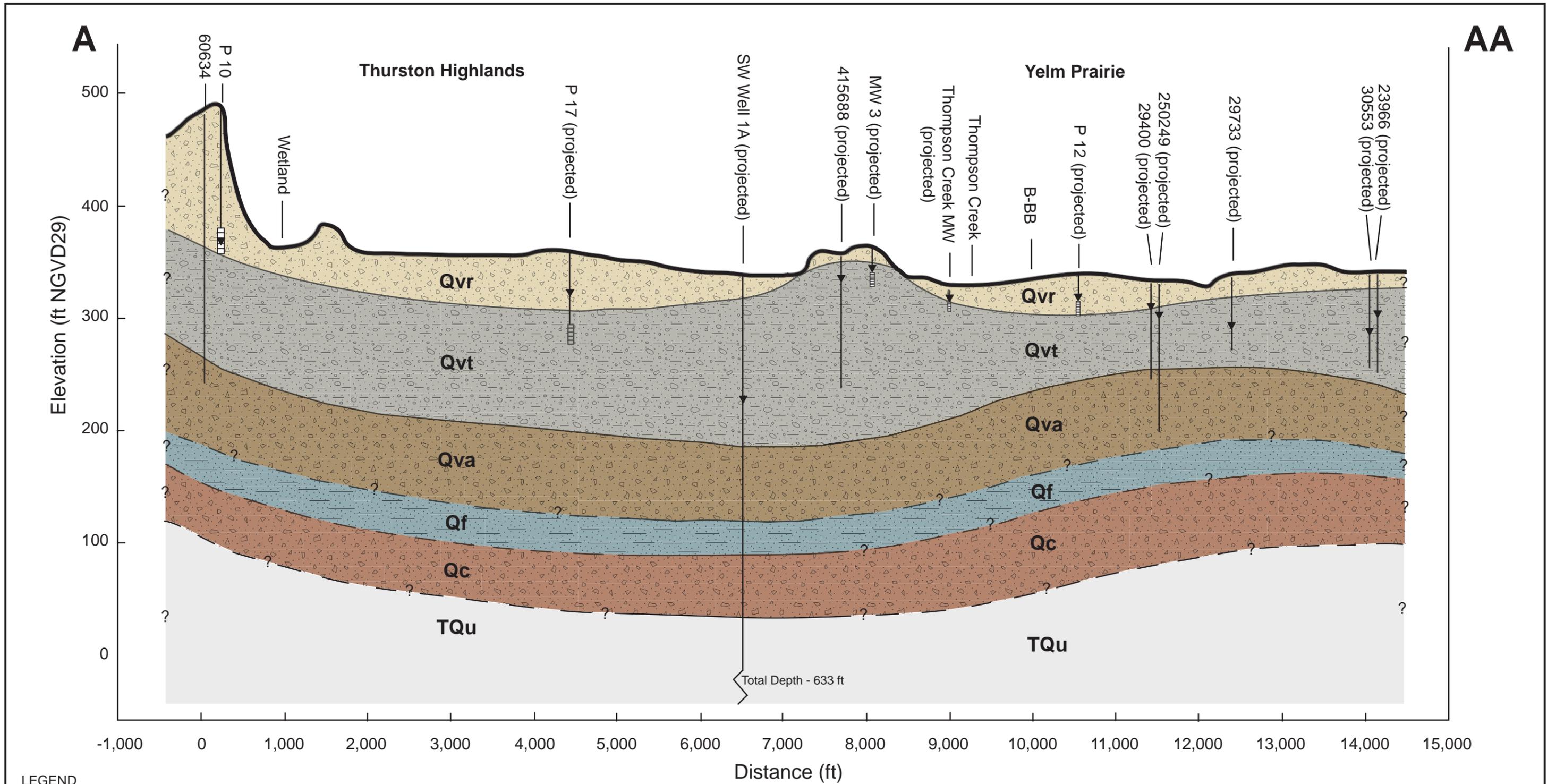
Source:
Washington State Geospatial Data Archive;
Washington Department of Ecology



FIGURE A-1
GEOLOGIC CROSS-SECTION
AND WELL LOCATIONS

CITY OF YELM SW WELL 1A DEVELOPMENT PROJECT

Golder Associates



LEGEND

- Recessional Outwash (Qvr)** - Sand and gravel, locally including low-permeability moraine deposits (Qvrm) of unsorted and unlayered rock debris known as till; groundwater is mostly unconfined, but perched water conditions occur in areas of Qvrm deposits.
- Till (Qvt)** - Unsorted and unlayered deposits of sand, gravel, cobbles, and boulders in a compacted and indurated matrix of silt and clay with some lenses of clean sand and gravel; confining unit.
- Advanced Outwash (Qva)** - Gravel in a matrix of sand with some sand lenses; groundwater is confined.
- Kitsap Formation (Qf)** - Predominately clay and silt, with some layers of sand and gravel, and may include some till or till-like deposits; confining unit.

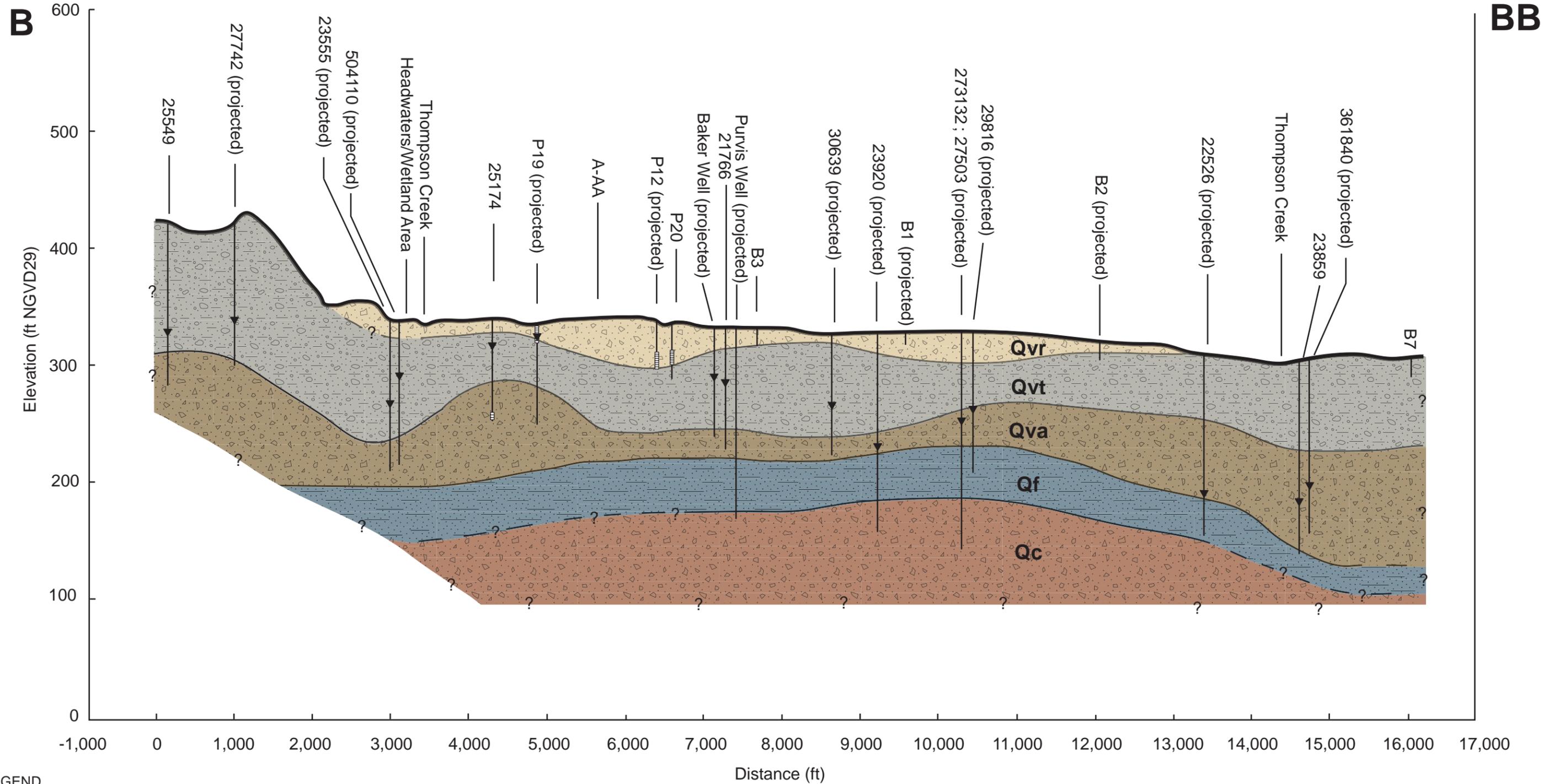
- Salmon Springs (?) Drift (Qc)** - Pre-Vashon glacial deposits of sand and gravel typically stained red or brown; groundwater is confined.
- (TQu)** - Layers of clay, silt, sand and gravel of glacial and nonglacial origin.

- Water Level**
- Screened Interval**

Note: See Figure A-1 in Appendix A for cross section location.

FIGURE 2
GEOLOGIC
CROSS-SECTION A-AA

CITY OF YELM SW WELL 1A DEVELOPMENT PROJECT



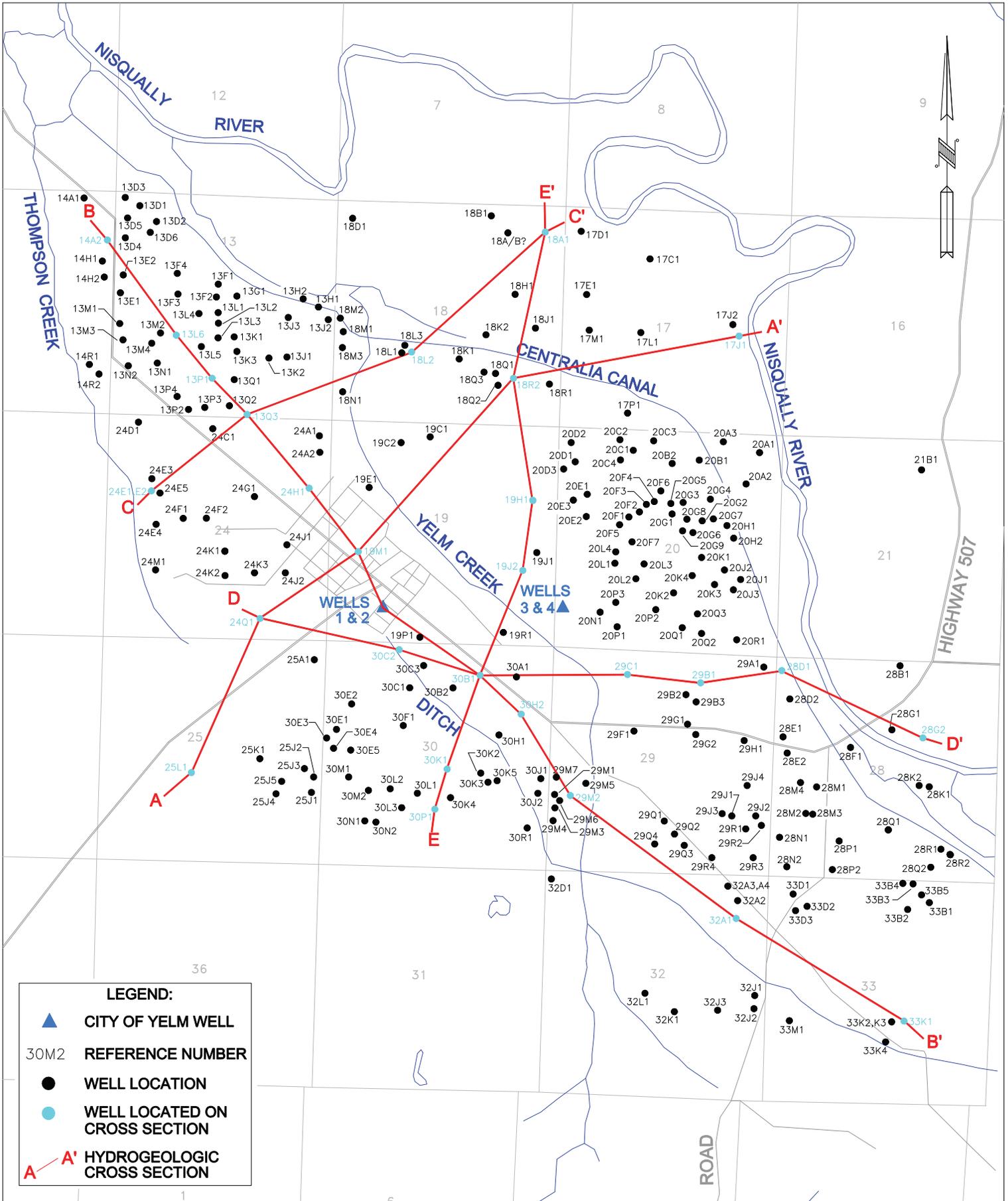
LEGEND

- Recessional Outwash (Qvr)** - Sand and gravel, locally including low-permeability moraine deposits (Qvr_m) of unsorted and unlayered rock debris known as till; groundwater is mostly unconfined, but perched water conditions occur in areas of Qvr_m deposits.
- Till (Qvt)** - Unsorted and unlayered deposits of sand, gravel, cobbles, and boulders in a compacted and indurated matrix of silt and clay with some lenses of clean sand and gravel; confining unit.
- Advanced Outwash (Qva)** - Gravel in a matrix of sand with some sand lenses; groundwater is confined.
- Kitsap Formation (Qf)** - Predominately clay and silt, with some layers of sand and gravel, and may include some till or till-like deposits; confining unit.

- Salmon Springs (?) Drift (Qc)** - Pre-Vashon glacial deposits of sand and gravel typically stained red or brown; groundwater is confined.
- Water Level**
- Screened Interval**

Note: See Figure A-1 in Appendix A for cross section location.

FIGURE 3
GEOLOGIC
CROSS-SECTION B-BB
 CITY OF YELM SW WELL 1A DEVELOPMENT PROJECT



LEGEND:

-  CITY OF YELM WELL
- 30M2 REFERENCE NUMBER
-  WELL LOCATION
-  WELL LOCATED ON CROSS SECTION
-  A' HYDROGEOLOGIC CROSS SECTION