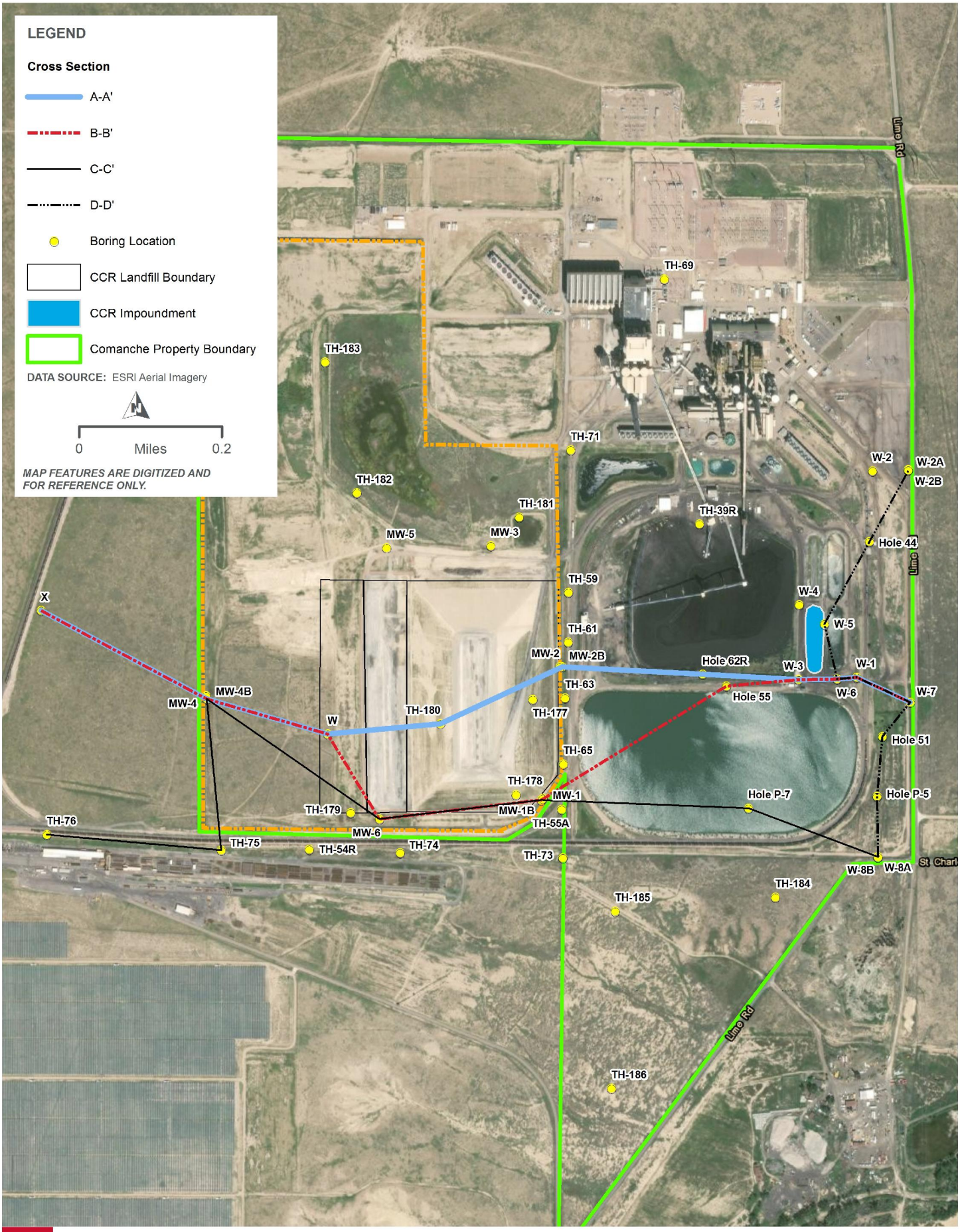
Appendix A

Geologic Cross Sections



COMANCHE POWER STATION

PUEBLO COUNTY, CO

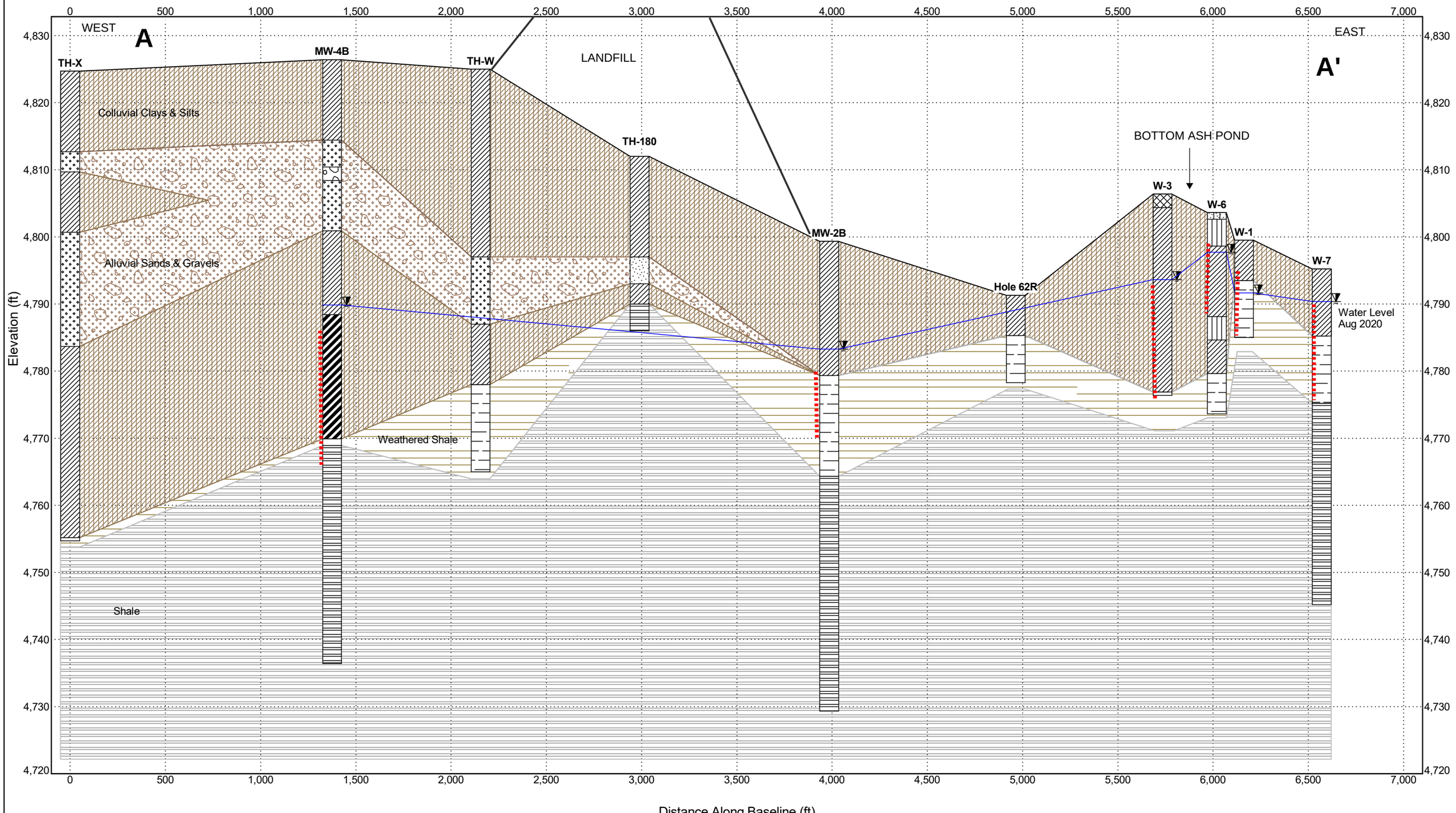
Xcel Energy℠

PATH: J:\2015\15-115_XCEL_CORE_SAMPLING_TESTING_(WALTHER)\MAP_DOCS\GW_MONITORING_WELL_CERTIFICATION\COMANCHE_POWER_STATION_PORTAIT_GW_CROSSSECTIONS_2020.MXD - USER: AKAPLE - DATE: 10/9/2020

SUBSURFACE DIAGRAM
Comanche Cross Section, West-East

CLIENT Xcel Energy
PROJECT NUMBER 10217175
PROJECT NAME Comanche Station
PROJECT LOCATION Pueblo, CO

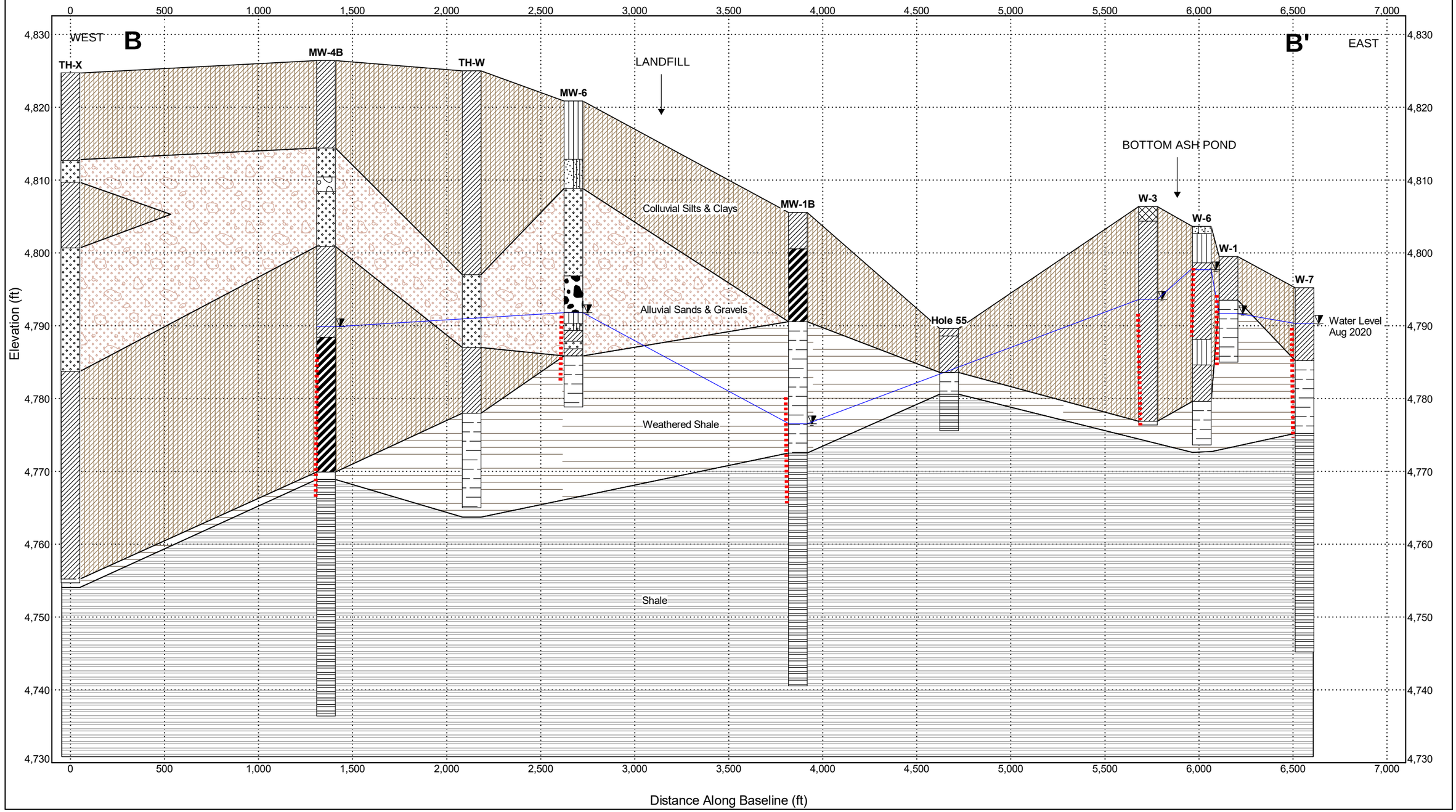
- USCS Low Plasticity Clay
- USCS Well-graded Sand
- USCS Silt
- USCS Silty Sand
- Weathered Shale
- USCS Poorly-graded Gravel
- USCS Poorly-graded Sand
- Shale
- USCS High Plasticity Clay
- Fill (made ground)
- Well screen interval



SUBSURFACE DIAGRAM
Comanche Cross-Section, West to East

CLIENT Xcel Energy
PROJECT NUMBER 10217175
PROJECT NAME Comanche Station
PROJECT LOCATION Pueblo, CO

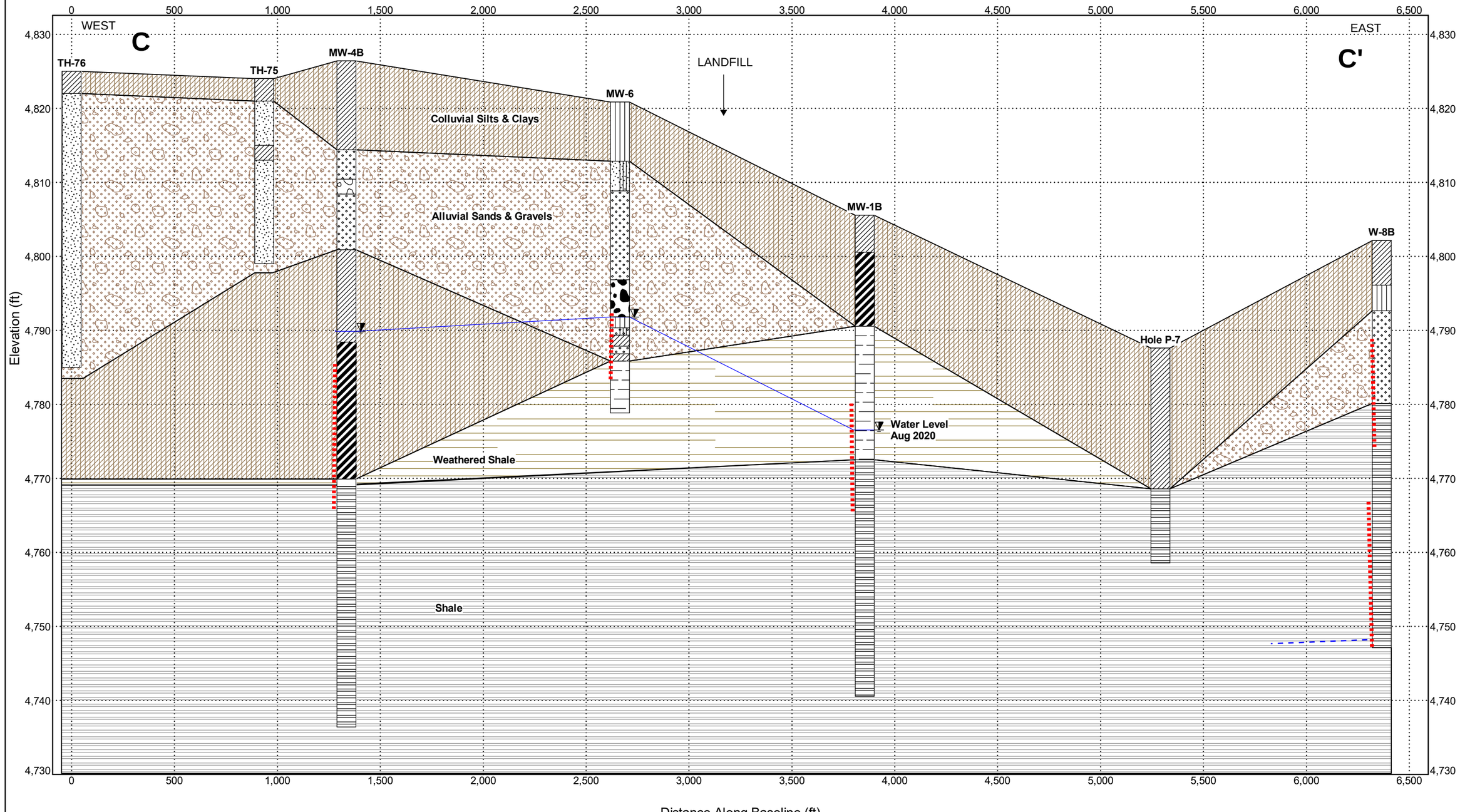
USCS Low Plasticity Clay
USCS High Plasticity Clay
USCS Silt
USCS Well-graded Sand with Silt
Weathered Shale
USCS Well-graded Sand
USCS Poorly-graded Sand with Silt
Fill (made ground)
Shale
USCS Poorly-graded Gravel
USCS Well-graded Gravel
USCS Silty Sand
Well screen interval



SUBSURFACE DIAGRAM
Comanche Southern East-West Cross Section

CLIENT Xcel Energy
PROJECT NUMBER 10217175
PROJECT NAME Comanche Station
PROJECT LOCATION Pueblo, CO

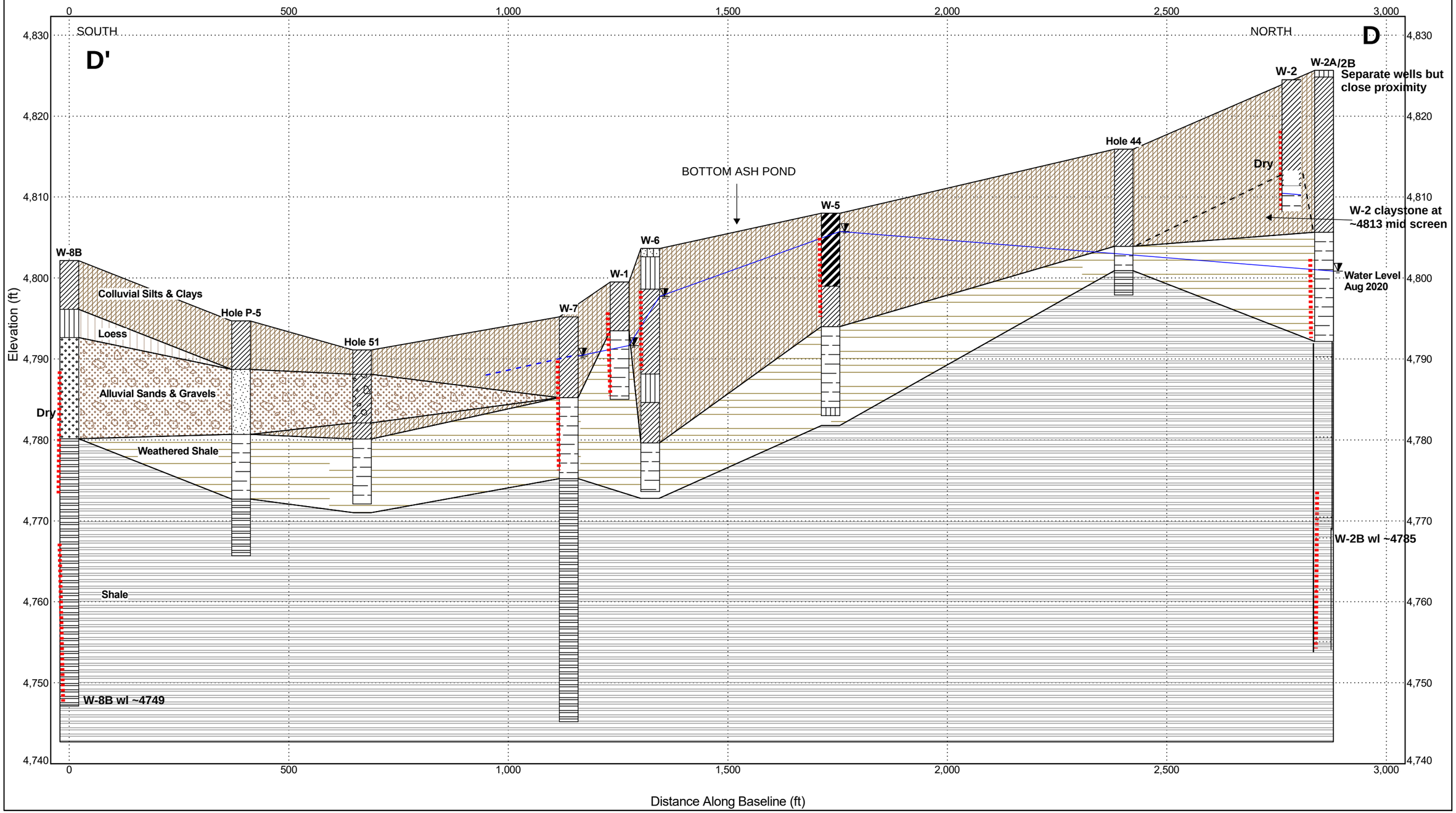
USCS Low Plasticity Clay
Weathered Shale
USCS Silt
USCS Well-graded Sand with Silt
Shale
USCS Well-graded Sand
USCS Poorly-graded Sand with Silt
USCS Poorly-graded Sand
USCS High Plasticity Clay
USCS Poorly-graded Gravel
USCS Well-graded Gravel
Well screen interval

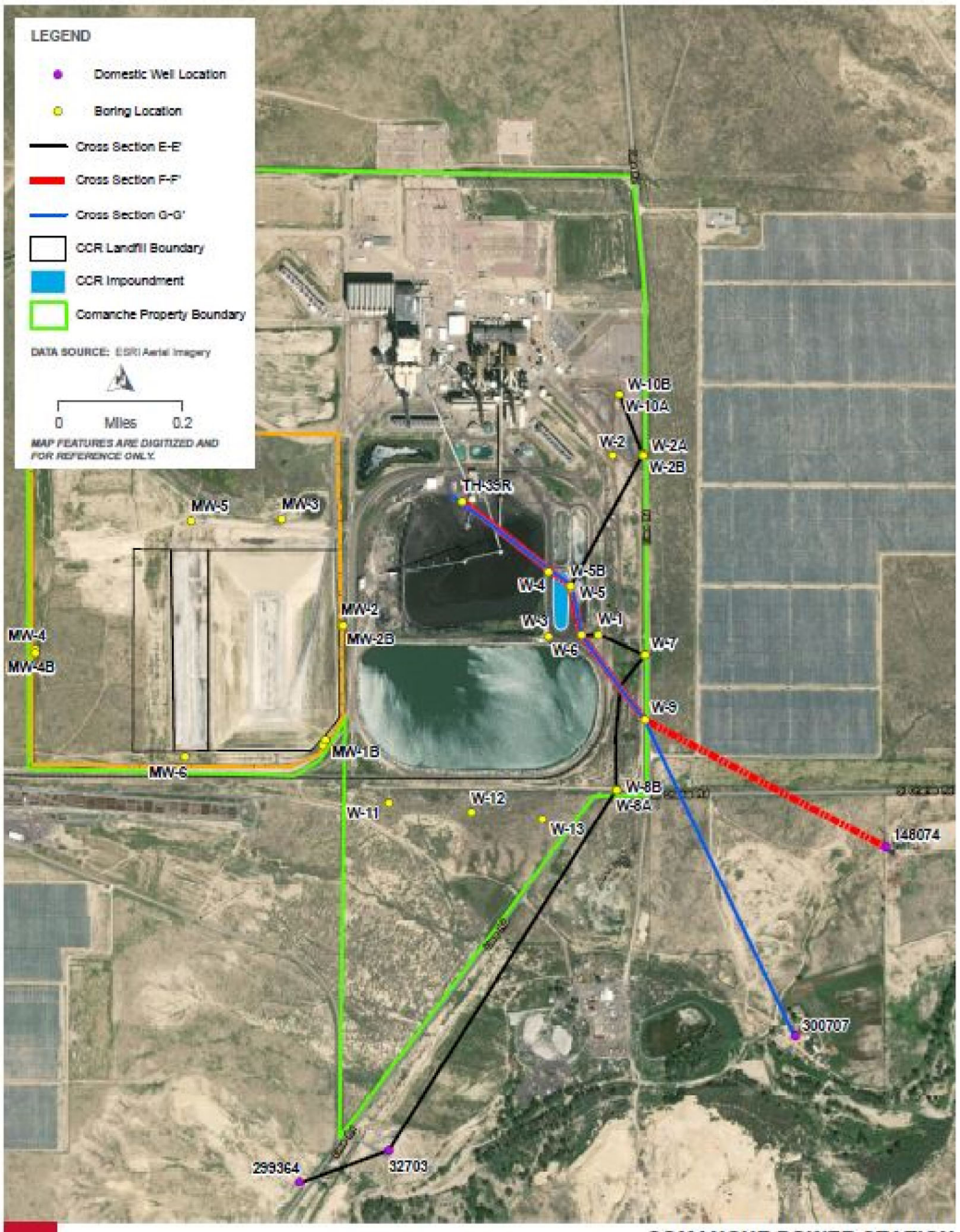


SUBSURFACE DIAGRAM
Comanche Ponds Cross Section North-South

CLIENT Xcel Energy
PROJECT NUMBER 10217175
PROJECT NAME Comanche Station
PROJECT LOCATION Pueblo, CO

- USCS Low Plasticity Clay
- USCS Low Plasticity Gravelly Clay
- USCS High Plasticity Clay
- Weathered Shale
- USCS Poorly-graded Sand
- USCS Silty Sand
- Shale
- USCS Silt
- USCS Well-graded Sand
- Well screen interval





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COMANCHE POWER STATION

PUEBLO COUNTY, CO