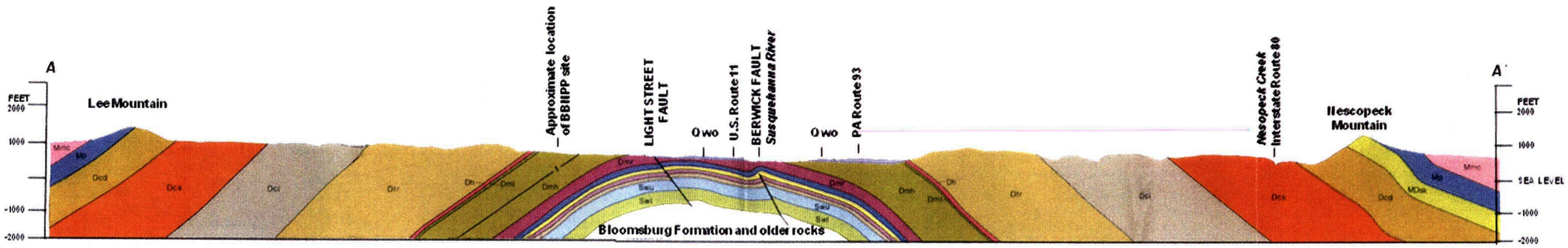
Figure 2.5-88a Cross Section of Berwick Anticlinorium - Bedrock Geology of the Berwick Quadrangle

CROSS SECTION



Location Map of Cross Section

Legend

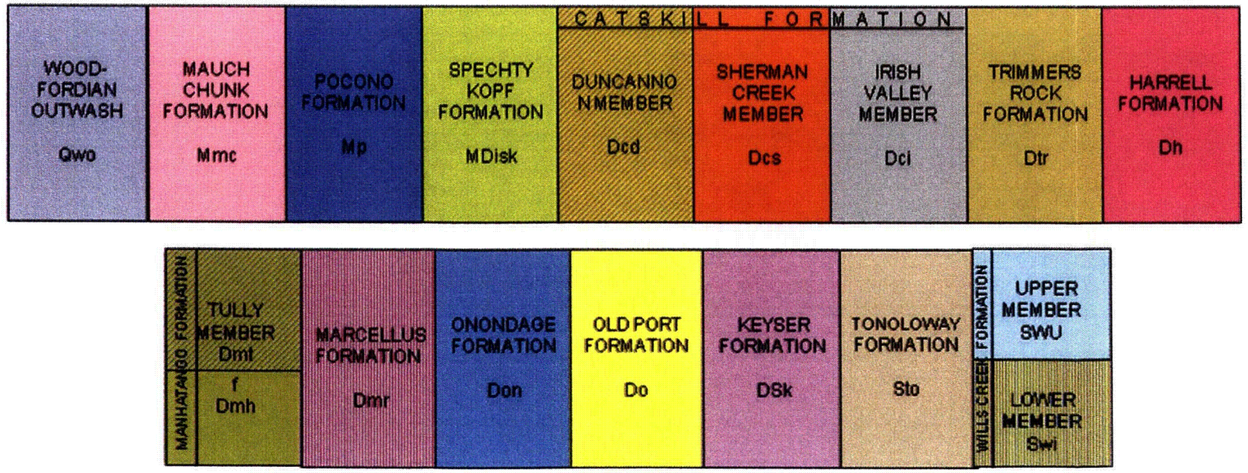
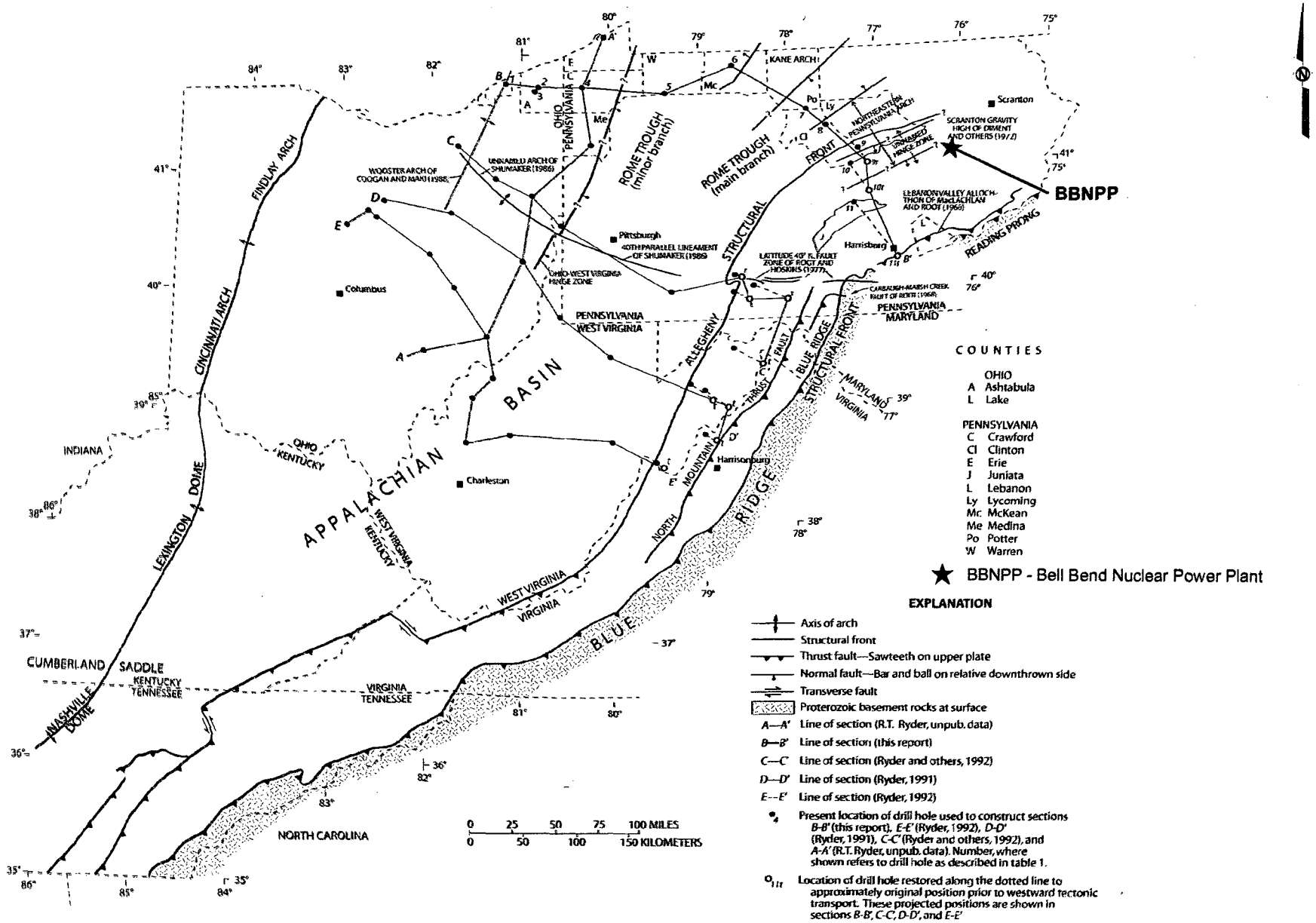


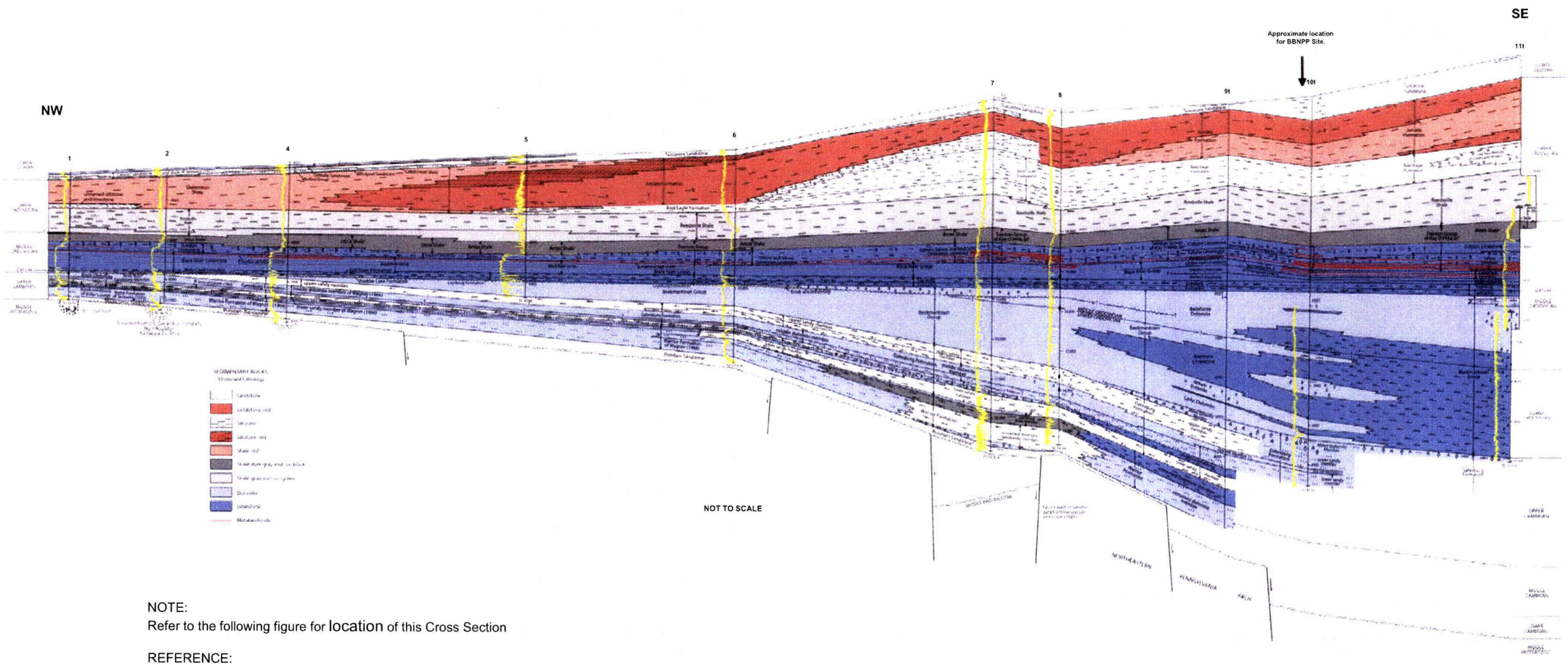
Figure 2.5-89 Map Showing the Location of the Appalachian Basin Cross Section



NOTE:
Refer to previous figure.

REFERENCE:
- Crangle, 2002.

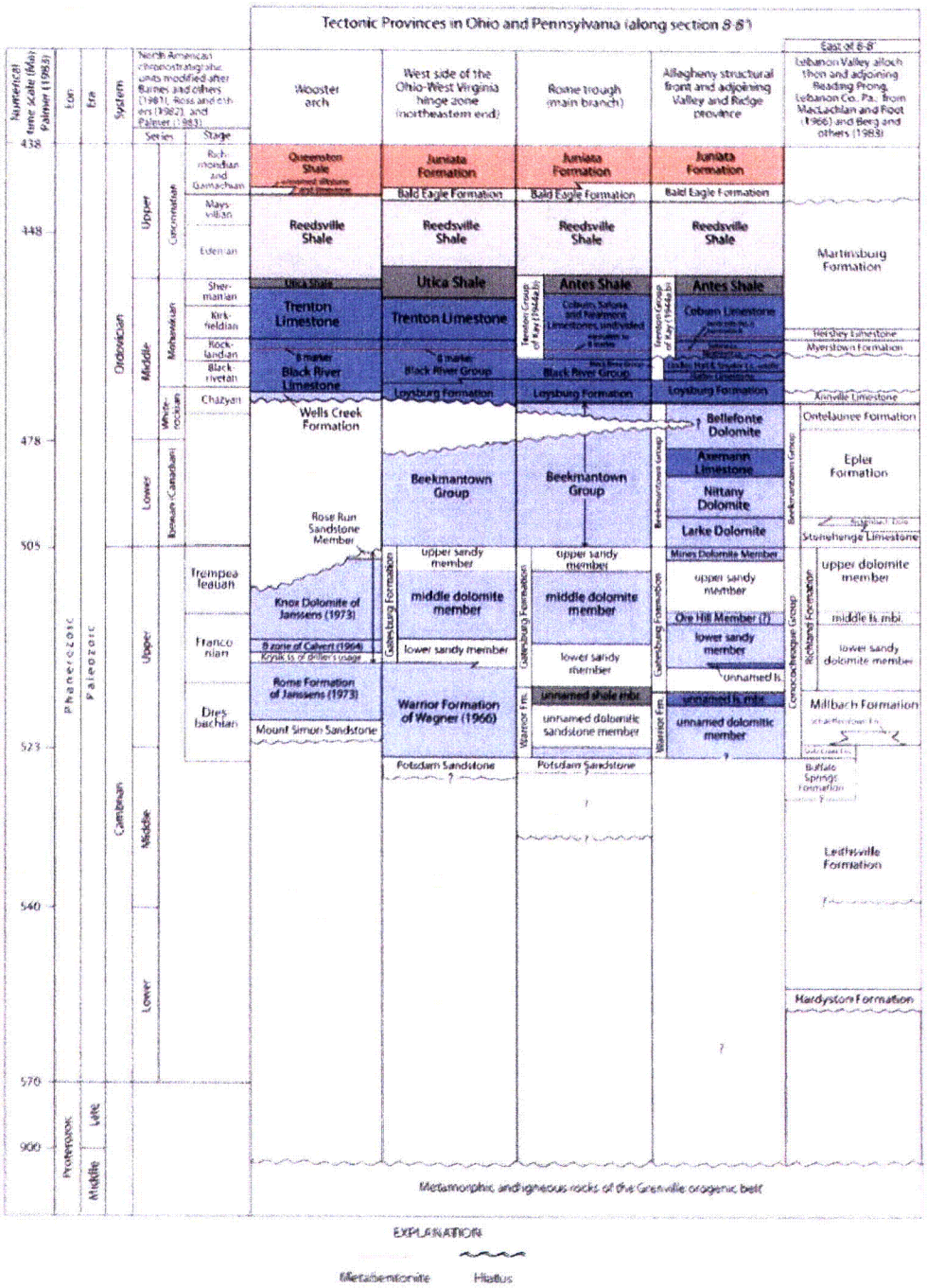
Figure 2.5-90 Cross Section Showing the Cambrian and Ordovician Rocks of the Appalachian Basin



NOTE:
Refer to the following figure for location of this Cross Section

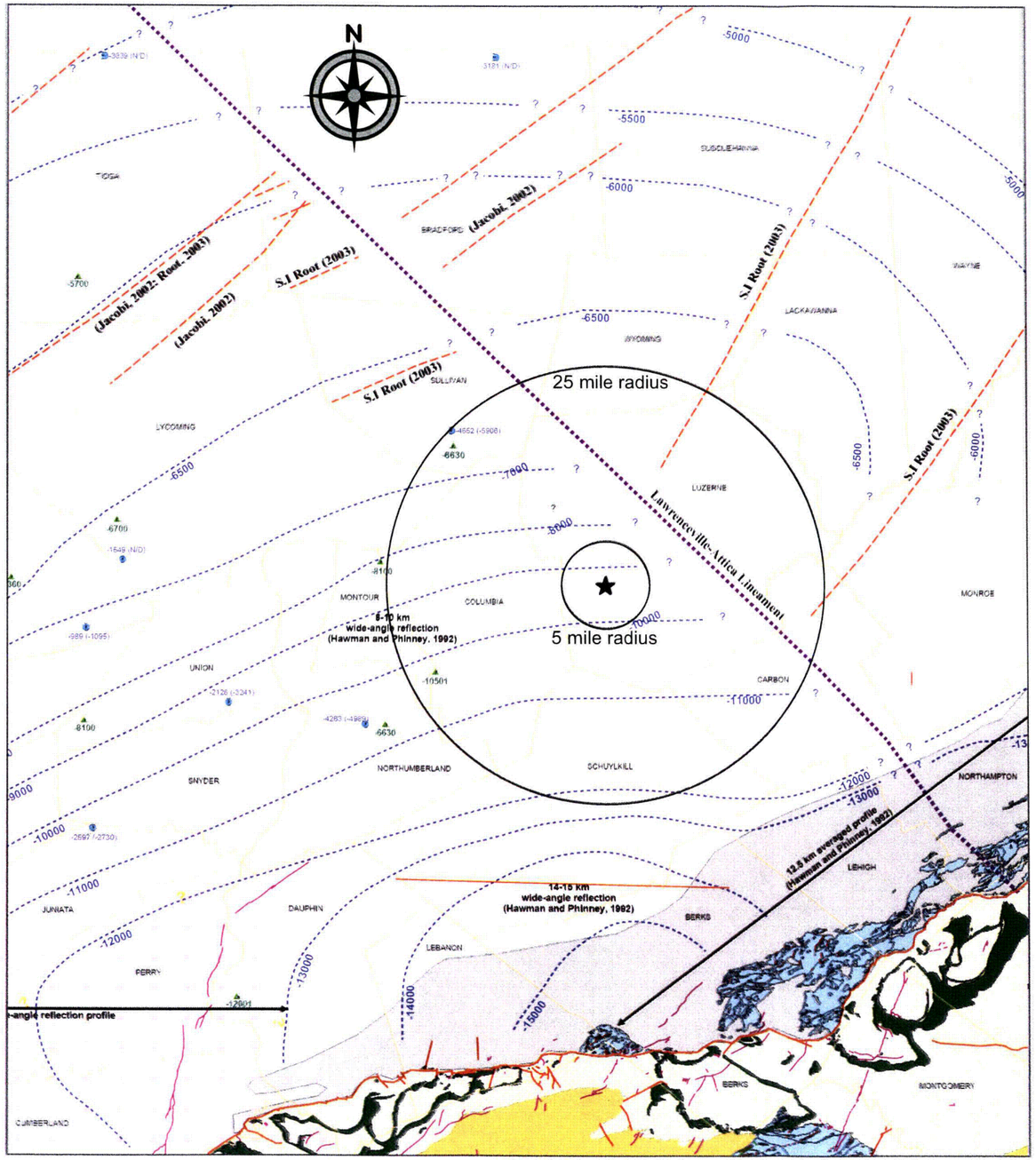
REFERENCE:
• Crangle, 2002

Figure 2.5-91 Stratigraphic Correlation Chart of Appalachian Basin



REFERENCE:
- Orangle Jr. 2002.

Figure 2.5-92 Precambrian Basement Map of Appalachian Basin 25 Mile (40 km) and 5 Mile (8 km) Radii



Reference:
Modified from Gold, 2005

Note: Contours are in meters

Appalachian Basin (structure contours of Precambrian surface, 500 m interval)

- Paleozoic sedimentary rocks (undifferentiated)

Piedmont Physiographic Province (no contours shown)

- Tertiary and Cretaceous cover rocks
- Mesozoic cover rocks with diabase sheets (dark green)
- Cambro-Ordovician sedimentary rocks; highly deformed, with nappes
- Lower Paleozoic metasediments
- Lower Paleozoic crystalline and metamorphic rocks
- Precambrian metavolcanic rocks (Catoctin), exposed/potential areal coverage
- Precambrian crystalline and metamorphic rocks

SYMBOLS LEGEND

Pennsylvania database

- Fault (tab indicates dip direction)
- Fault, inferred
- Fault, mapped
- Seismic fault (barb indicates inferred dip direction)
- Lineament
- -6000 Basement contours; depth in meters bellow sea level
- Structural trough, inferred
- S Structural arch, inferred
- -1811 (-2086) Deep drill hole in Paleozoic cover rocks; bottom elevation of hole in meters below sea level (estimated depth to basement)
- N/D or N/A Elevation not determined or not available
- -5150 Seismic depth in meters
- -7550 Seismic depth in meters
- Oriskany absent
- Jurassic diabase dike
- Jurassic Kimberlite dike
- Lower Paleozoic granitic pegmatite dike
- PreCambrian metadiabase dike

West Virginia database

- Normal fault; tab on downthrown side
- Thrust fault; barbs on upthrown side
- (-22000) - -6706 Basement contours; depth in feet and meters below sea level

Ohio database

- -1632 Drill hole, depth in meters below sea level
- Fault, inferred
- (-5606) - -1681 Basement contours; depth in feet and meters

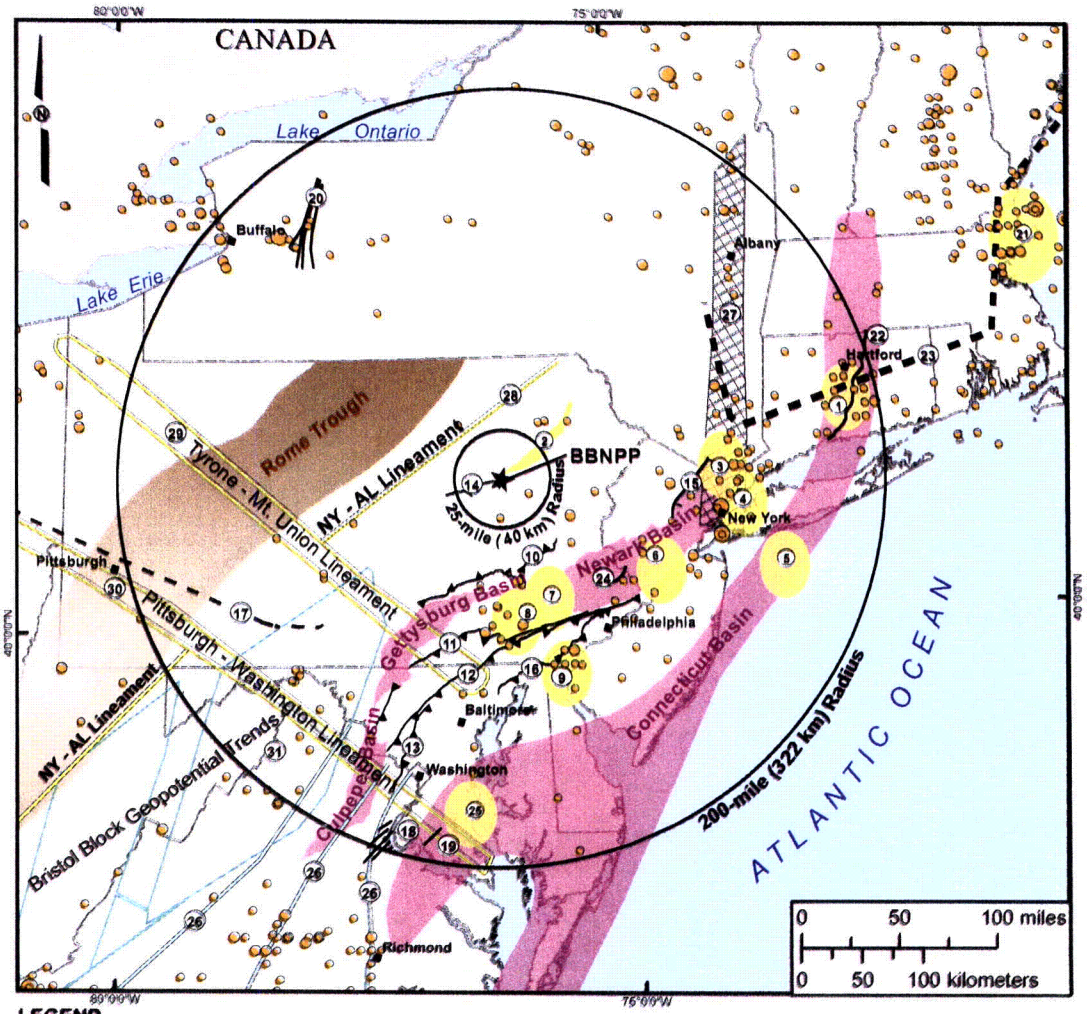
New York database

- Fault

0 5 10 20 30 40 50 km

0 5 10 20 30 mi

Figure 2.5-93 Tectonic Features



LEGEND

- ★ Center Point of Proposed Bell Bend NPP (BBNPP)
- City
- NPP Reactor 200-mile (322 km) Radius
- Basin
- State Boundary

Earthquakes by Magnitude, mb (USGS 2001 Catalog)

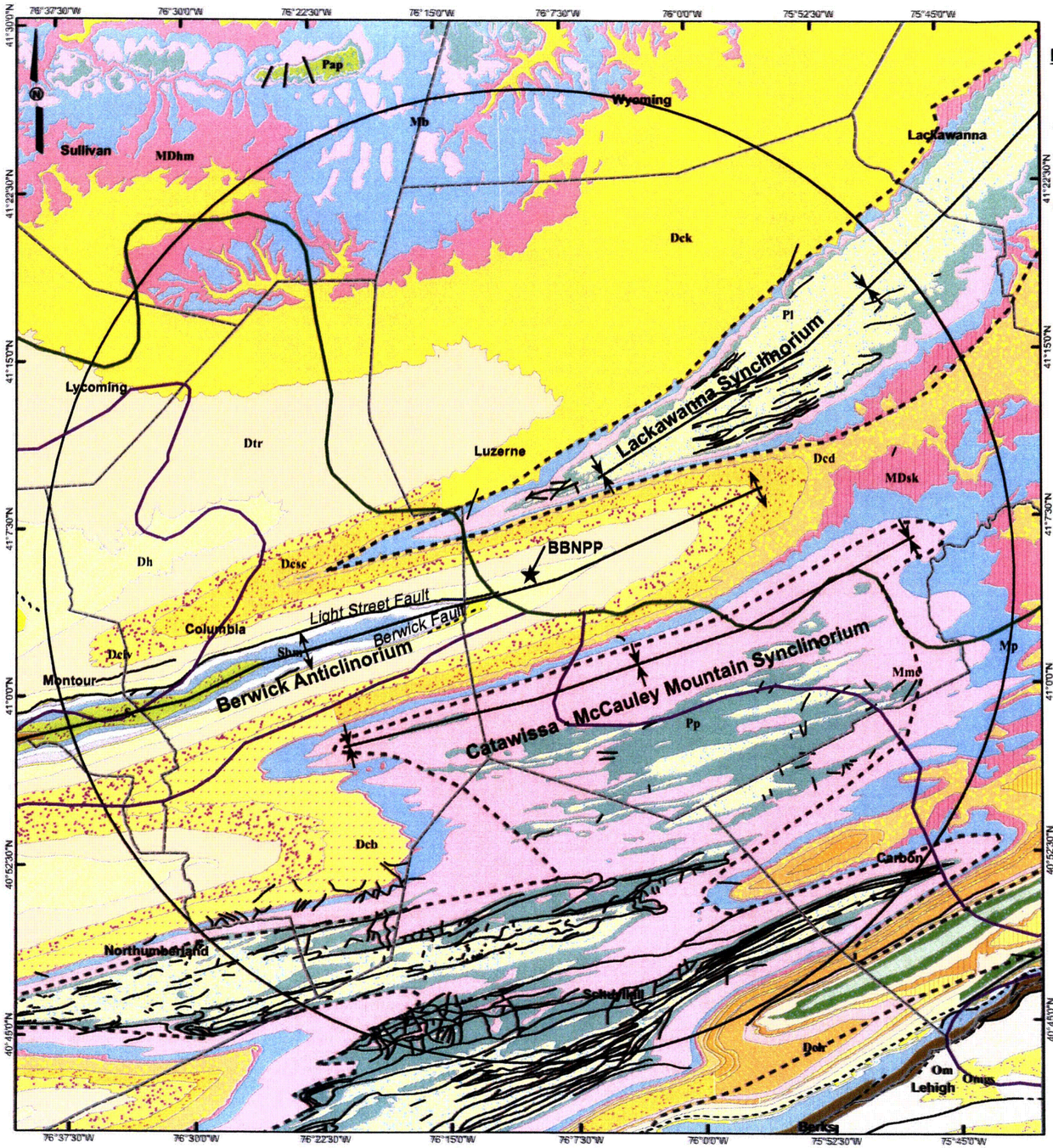
- 3.0 - 3.9
- 4.0 - 4.9
- 5.0 - 5.9
- 6.0 - 6.9
- 7.0 - 7.9

Tectonic Features

1. Moodus Seismic Zone
2. Anthracite Zone
3. Dobbs Ferry Fault Zone
4. Mosholu Fault
5. New York Bright Fault
6. Kingston Fault
7. Cacoosing Valley Earthquake
8. Lancaster Seismic Zone
9. New Castle County Faults
10. Yellow Breeches Fault
11. Martic Fault
12. Pleasant Valley - Huntingdon Valley Fault
13. Plummers Island Fault
14. Light Street Fault
15. Ramapo Fault
16. Rosemont Shear Zone
17. Transylvania Fault System
18. Stafford Fault System
19. Brandywine Fault
20. Clarendon-Lindin Fault Zone
21. Clinton-Newbury Liquefaction
22. East Border Fault
23. Offset Glaciated Surfaces
24. Furlong-Flemington Fault System
25. Upper Marlboro Faults
26. Fall Lines
27. Hudson River Valley Trend
28. New York-Alabama Lineament
29. Tyron-Mt. Union Lineament
30. Pittsburgh-Washington Lineament
31. Bristol Block Geopotential Trends

REFERENCES:
- ESRI, 2007.
- USGS, 2001.
- Hibbard, 2006.
- King, 1978.
- Weems, 1998.
- Wheeler, 2006.
- National Atlas, 2008.

Figure 2.5-94 Site Area Geologic Map 25-mile (40 km) Radius



LEGEND

Unit Descriptions

Pennsylvanian

- Pl — Llewellyn Formation
- Pp — Pottsville Formation

Mississippian

- Mmc — Mauch Chunk Formation
- Mb — Burgoon Sandstone
- Mp — Pocono Formation
- MDhm — Huntley Mountain Formation
- MDsk — Spechty Kopf Formation

Devonian

- Dck — Catskill Formation

Catskill Formation Members:

- Dcb — Buddys Run Member
- Dcd — Duncannon Member
- Dccf — Clarks Ferry Member
- Dcsc — Sherman Creek Member
- Dcbs — Berry Run & Sawmill Run Members, undivided
- Dcp — Packerton Member
- Dclr — Long Run Member
- Dclv — Irish Valley Member
- Dtr — Trimmers Rock Formation
- Dh — Hamilton Group
- Doo — Onondaga & Old Port Formations, undivided
- DSkt — Keyser & Tonoloway Formations, undivided

Silurian

- Swc — Wills Creek Formation
- Sbm — Bloomsburg & Mifflintown Formations, undivided
- Sc — Clinton Group

- Fault - Inferred
- Fault
- Pre-Wisconsinan Glacial Limit
- Wisconsinan Glacial Limit
- Anthracite Region
- ★ Center Point of Proposed Bell Bend NPP (BBNPP)
- ○ NPP Reactor 25-mile (40 km) Radius
- County Line

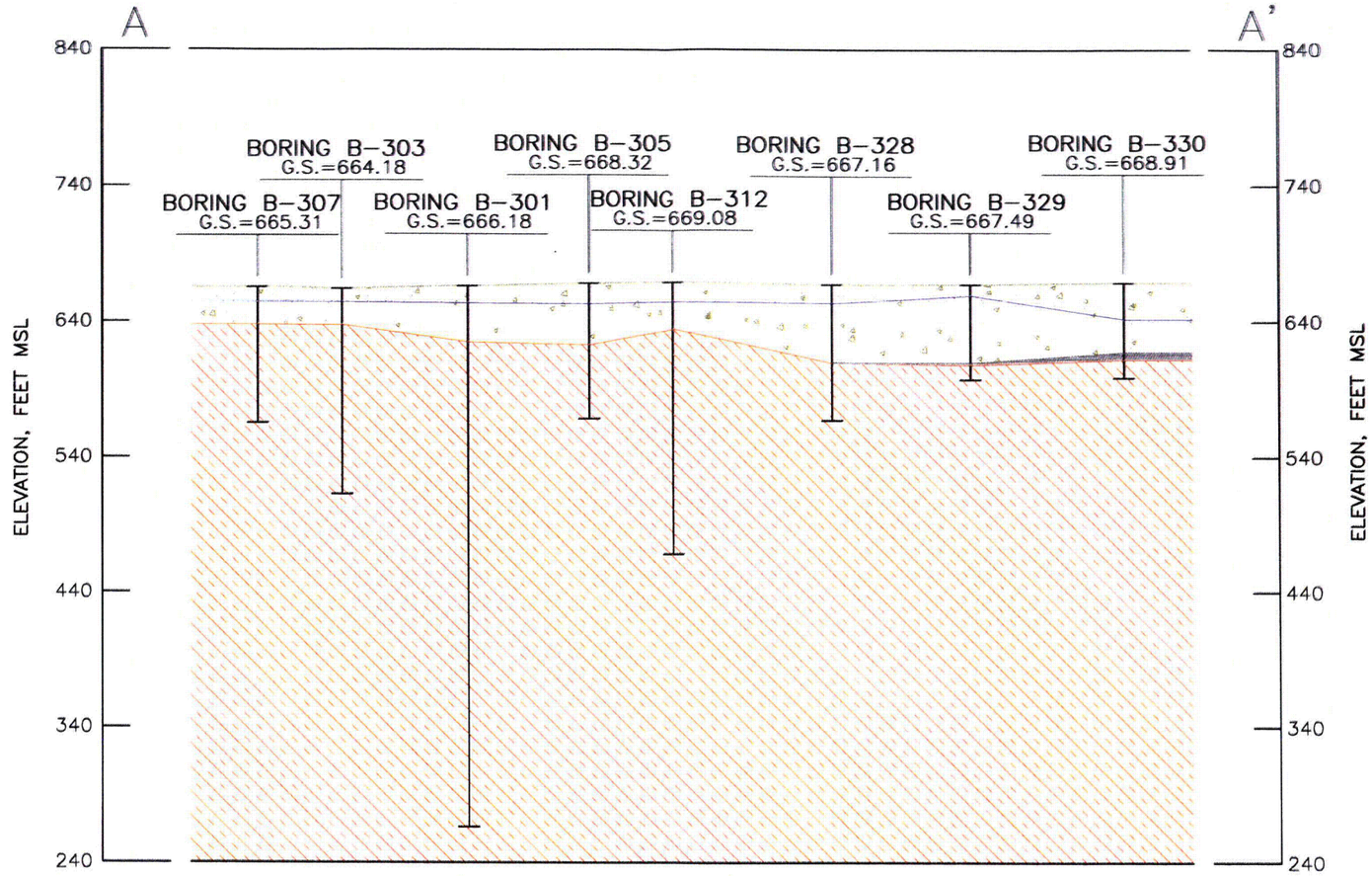
0 2.5 5 10 miles

0 5 10 kilometers

REFERENCES:
- Berg, 1980.
- Harrison, 2004.
- King, 1974.
- ESRI, 2007.

Figure 2.5-95 {Deleted}

Figure 2.5-96 Geotechnical Site Cross Section A-A'



BORING B-307 T.D.=100.0'
BORING B-303 T.D.=151.5'
BORING B-301 T.D.=400.0'
BORING B-305 T.D.=99.7'
BORING B-312 T.D.=100.7'
BORING B-328 T.D.=99.9'
BORING B-329 T.D.=70.0'
BORING B-330 T.D.=70.0'

GEOTECHNICAL SECTION A–A'

LEGEND:

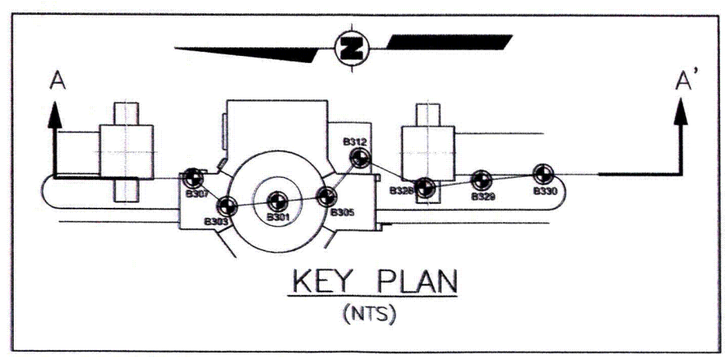
- GLACIO FLUVIAL DEPOSITS
- WEATHERED SHALE/SILTSTONE (MAHANTANGO FORMATION)
- SHALE/SILTSTONE (MAHANTANGO FORMATION)
- APPROXIMATE WATERLINE

VERTICAL SCALE
100 0 100 FEET

HORIZONTAL SCALE
200 0 200 FEET

NOTES:

1. THE DEPTH AND THICKNESS OF SOIL AND ROCK STRATA INDICATED ON THE SUBSURFACE PROFILE WERE OBTAINED BY INTERPOLATING BETWEEN BORINGS. INFORMATION ON ACTUAL SOIL AND ROCK CONDITIONS EXIST ONLY AT BORING LOCATIONS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.
2. SOIL AND ROCK CLASSIFICATION MADE IN ACCORDANCE WITH ASTM D2487–06 AND ASTM D2488–06.
3. ALL DEPTHS ARE BELOW GROUND SURFACE.
4. SITE–MAHANTANGO BEDROCK AVERAGE ORIENTATION–STRIKE (N 20°E) DIP (70° SE).



KEY PLAN
(NTS)

THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIC LOCATIONS AND DATES INDICATED. SOIL CONDITIONS AND WATER LEVELS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS OCCURRING AT THESE BORING LOCATIONS. ALSO THE PASSAGE OF TIME MAY RESULT IN A CHANGE IN THE CONDITIONS AT THESE BORING LOCATIONS.

THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA INDICATED ON THE SECTIONS WERE GENERALIZED FROM AND INTERPOLATED BETWEEN THE TEST BORINGS. INFORMATION ON ACTUAL SUBSURFACE CONDITIONS EXISTS ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.

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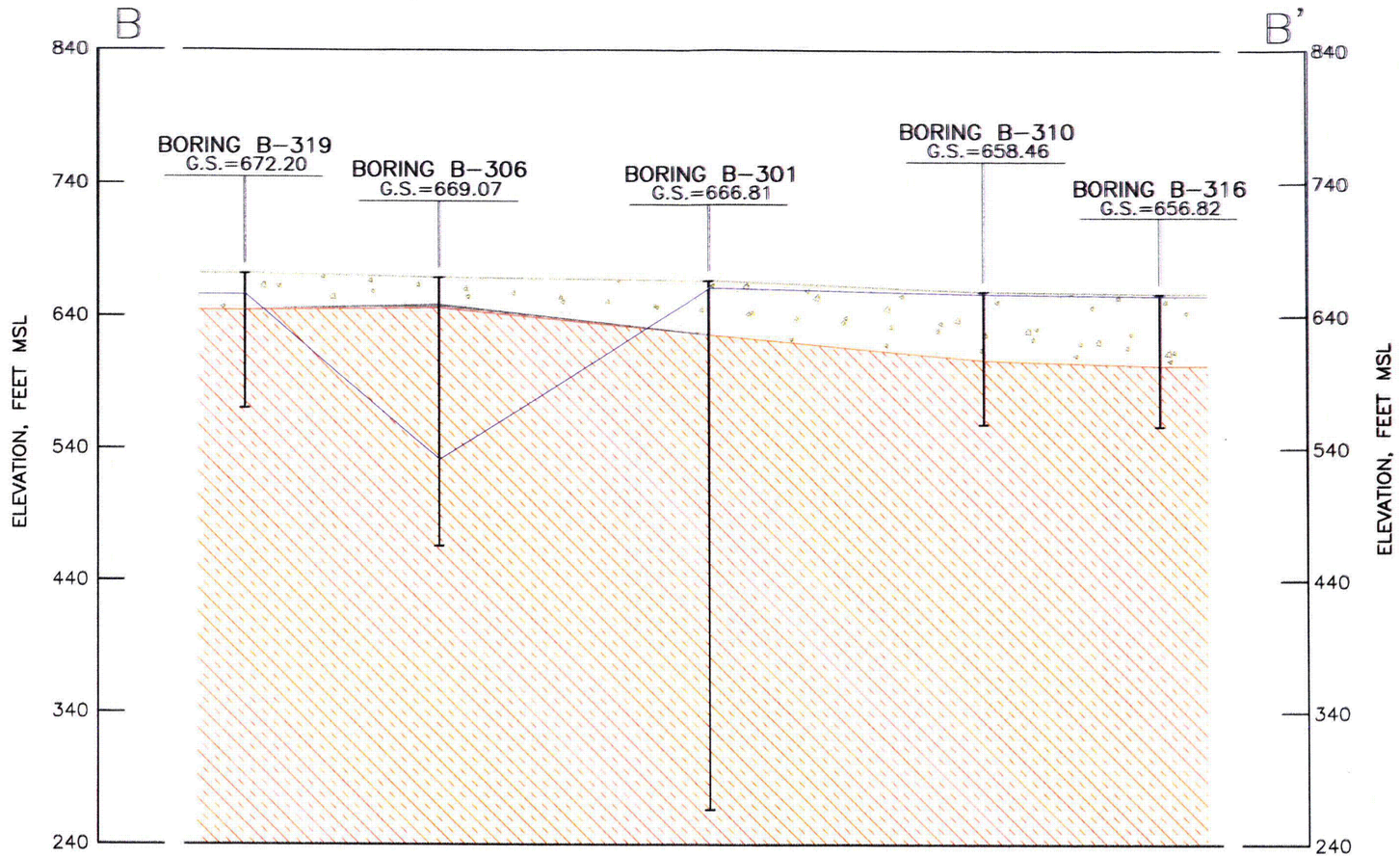
Figure 2.5-97 Geotechnical Site Cross Section B-B'



BORING B-319 T.D.=101.7'
BORING B-306 T.D.=203.0'
BORING B-301 T.D.=400.0'
BORING B-310 T.D.=100.0'
BORING B-316 T.D.=100.0'

GEOTECHNICAL SECTION B-B'

LEGEND:

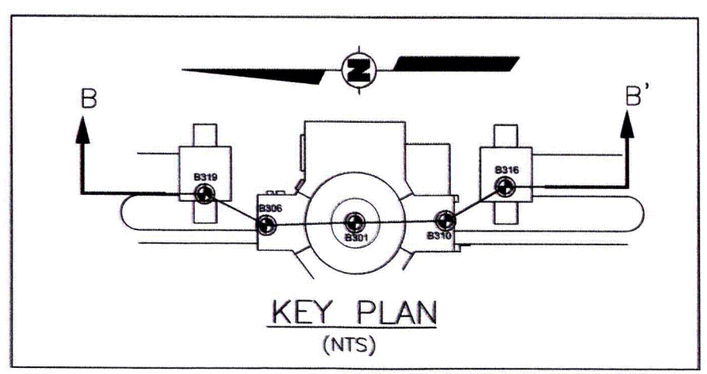
- GLACIO FLUVIAL DEPOSITS
- WEATHERED SHALE/SILTSTONE (MAHANTANGO FORMATION)
- SHALE/SILTSTONE (MAHANTANGO FORMATION)
- APPROXIMATE WATERLINE

VERTICAL SCALE
100 0 100 FEET

HORIZONTAL SCALE
200 0 200 FEET

NOTES:

1. THE DEPTH AND THICKNESS OF SOIL AND ROCK STRATA INDICATED ON THE SUBSURFACE PROFILE WERE OBTAINED BY INTERPOLATING BETWEEN BORINGS. INFORMATION ON ACTUAL SOIL AND ROCK CONDITIONS EXIST ONLY AT BORING LOCATIONS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.
2. USGS FIELD CLASSIFICATION USED.
3. SOIL AND ROCK CLASSIFICATION MADE IN ACCORDANCE WITH ASTM D2487-06 AND ASTM D2488-06.
4. SITE-MAHANTANGO BEDROCK AVERAGE ORIENTATION-STRIKE (N 20°E) DIP (70° SE).



KEY PLAN
(NTS)

THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIC LOCATIONS AND DATES INDICATED. SOIL CONDITIONS AND WATER LEVELS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS OCCURRING AT THESE BORING LOCATIONS. ALSO THE PASSAGE OF TIME MAY RESULT IN A CHANGE IN THE CONDITIONS AT THESE BORING LOCATIONS.

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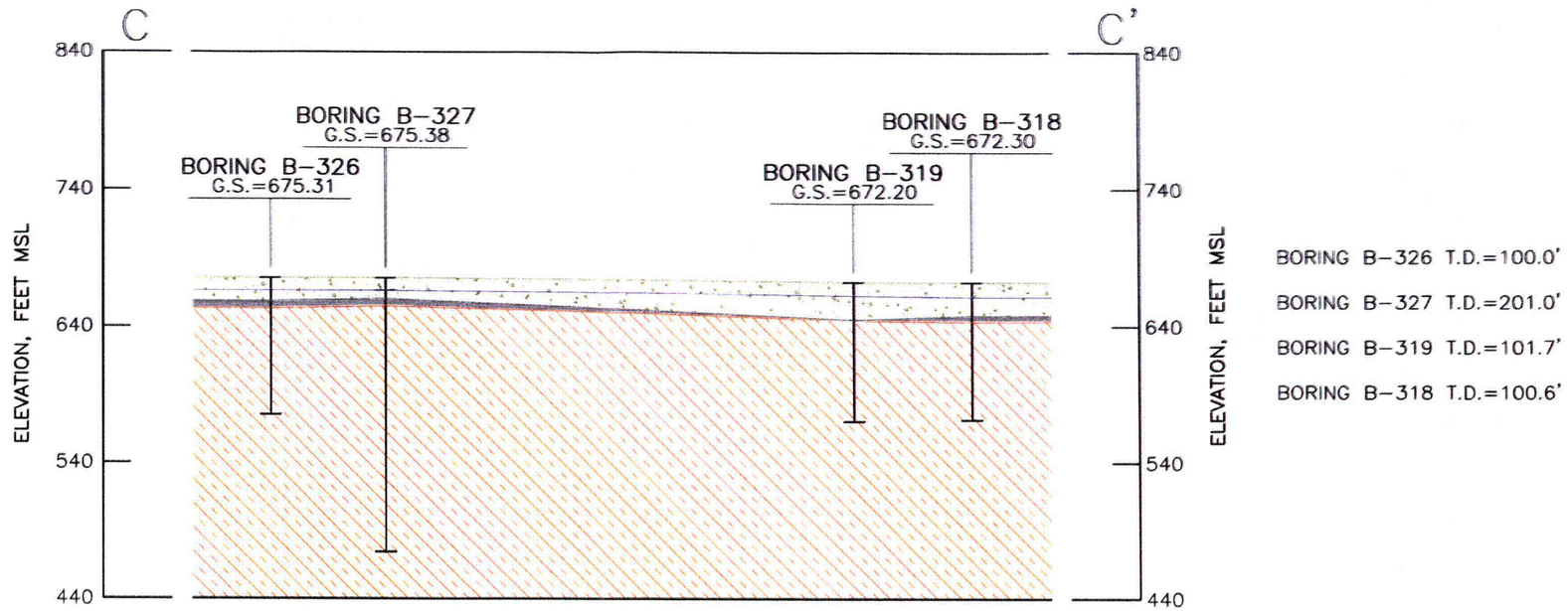
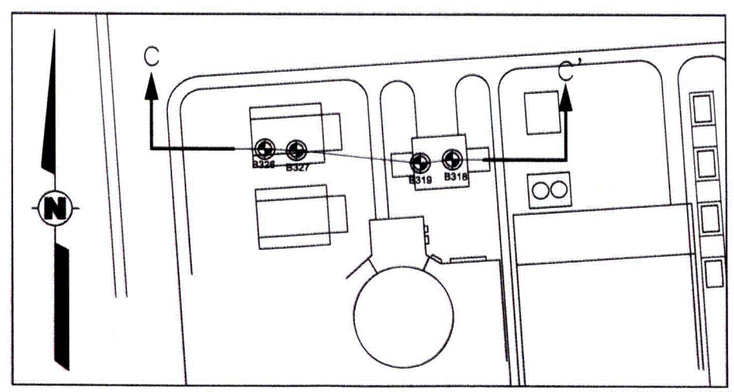
Figure 2.5-98 Geotechnical Site Cross Section C-C'



GEOTECHNICAL SECTION C-C'



KEY PLAN

(NTS)

LEGEND:

- GLACIO FLUVIAL DEPOSITS
- WEATHERED SHALE/SILTSTONE (MAHANTANGO FORMATION)
- SHALE/SILTSTONE (MAHANTANGO FORMATION)
- APPROXIMATE WATERLINE

VERTICAL SCALE

100 0 100 FEET

HORIZONTAL SCALE

200 0 200 FEET

THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIC LOCATIONS AND DATES INDICATED. SOIL CONDITIONS AND WATER LEVELS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS OCCURRING AT THESE BORING LOCATIONS. ALSO THE PASSAGE OF TIME MAY RESULT IN A CHANGE IN THE CONDITIONS AT THESE BORING LOCATIONS.

THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA INDICATED ON THE SECTIONS WERE GENERALIZED FROM AND INTERPOLATED BETWEEN THE TEST BORINGS. INFORMATION ON ACTUAL SUBSURFACE CONDITIONS EXISTS ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.

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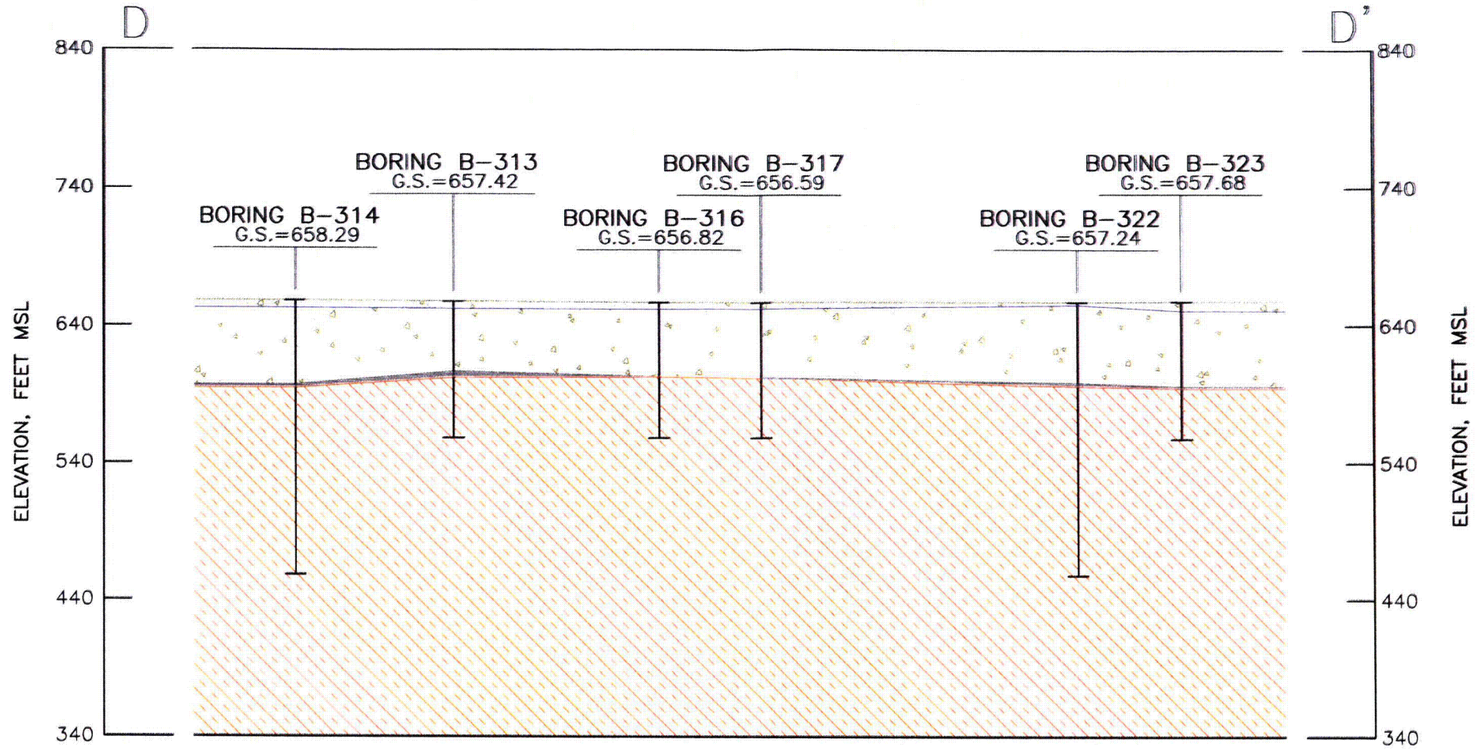
NOTES:

1. THE DEPTH AND THICKNESS OF SOIL AND ROCK STRATA INDICATED ON THE SUBSURFACE PROFILE WERE OBTAINED BY INTERPOLATING BETWEEN BORINGS. INFORMATION ON ACTUAL SOIL AND ROCK CONDITIONS EXIST ONLY AT BORING LOCATIONS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.
2. SOIL AND ROCK CLASSIFICATIONS MADE IN ACCORDANCE WITH ASTM D2487-06 AND ASTM D2488-06.
3. ALL DEPTHS ARE BELOW GROUND SURFACE.
4. SITE-MAHANTANGO BEDROCK AVERAGE ORIENTATION-STRIKE (N 20°E) DIP (70° SE).

Figure 2.5-99 Geotechnical Site Cross Section D-D'



BORING B-314 T.D.=200.0'
BORING B-313 T.D.=100.0'
BORING B-316 T.D.=100.0'
BORING B-317 T.D.=99.5'
BORING B-322 T.D.=199.5'
BORING B-323 T.D.=100.0'

GEOTECHNICAL SECTION D-D'

LEGEND:

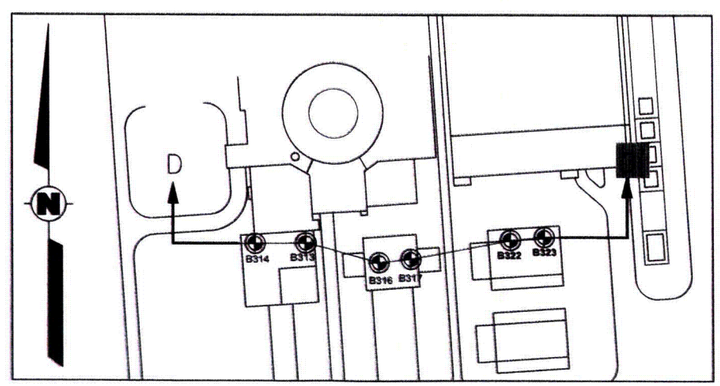
- GLACIO FLUVIAL DEPOSITS
- WEATHERED SHALE/SILTSTONE (MAHANTANGO FORMATION)
- SHALE/SILTSTONE (MAHANTANGO FORMATION)
- APPROXIMATE WATERLINE

VERTICAL SCALE
100 0 100 FEET

HORIZONTAL SCALE
200 0 200 FEET

NOTES:

1. THE DEPTH AND THICKNESS OF SOIL AND ROCK STRATA INDICATED ON THE SUBSURFACE PROFILE WERE OBTAINED BY INTERPOLATING BETWEEN BORINGS. INFORMATION ON ACTUAL SOIL AND ROCK CONDITIONS EXIST ONLY AT BORING LOCATIONS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.
2. SOIL AND ROCK CLASSIFICATIONS MADE IN ACCORDANCE WITH ASTM D2487-06 AND ASTM D2488-06.
3. ALL DEPTHS ARE BELOW GROUND SURFACE.
4. SITE-MAHANTANGO BEDROCK AVERAGE ORIENTATION-STRIKE (N 20°E) DIP (70° SE).



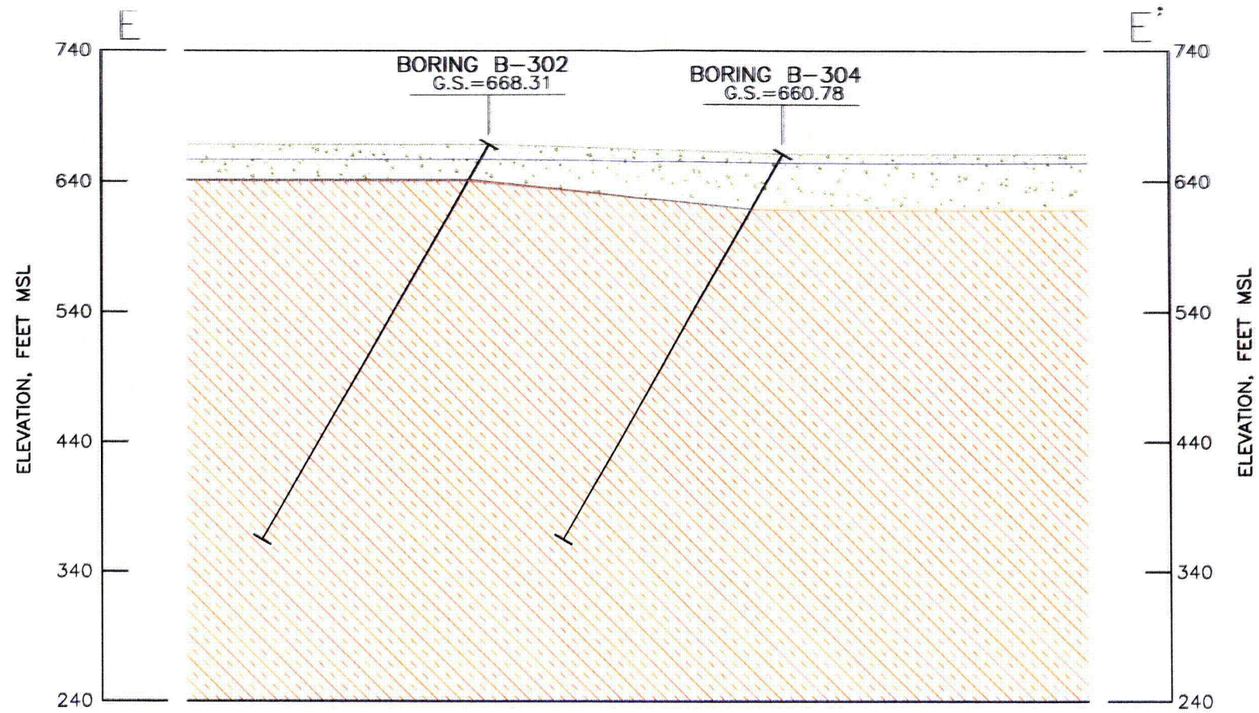
KEY PLAN
(NTS)

THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIC LOCATIONS AND DATES INDICATED. SOIL CONDITIONS AND WATER LEVELS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS OCCURRING AT THESE BORING LOCATIONS. ALSO THE PASSAGE OF TIME MAY RESULT IN A CHANGE IN THE CONDITIONS AT THESE BORING LOCATIONS.

THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA INDICATED ON THE SECTIONS WERE GENERALIZED FROM AND INTERPOLATED BETWEEN THE TEST BORINGS. INFORMATION ON ACTUAL SUBSURFACE CONDITIONS EXISTS ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.

CAD FILE: 073891B17.dwg

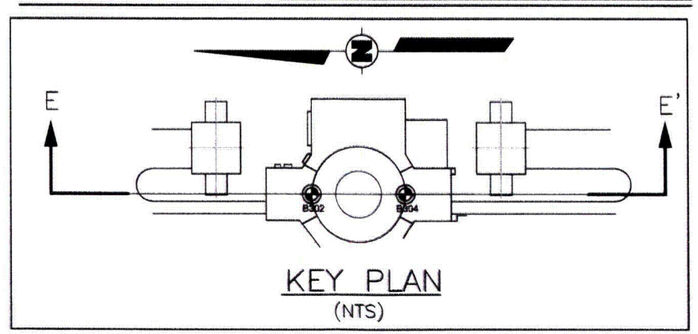
Figure 2.5-100 Geotechnical Site Cross Section E-E'



BORING B-302 T.D.=350.5'

BORING B-304 T.D.=305.0'

GEOTECHNICAL SECTION E-E'



KEY PLAN
(NTS)

LEGEND:

- GLACIO FLUVIAL DEPOSITS
- WEATHERED SHALE/SILTSTONE (MAHANTANGO FORMATION)
- SHALE/SILTSTONE (MAHANTANGO FORMATION)
- APPROXIMATE WATERLINE

VERTICAL SCALE
100 0 100 FEET

HORIZONTAL SCALE
200 0 200 FEET

NOTES:

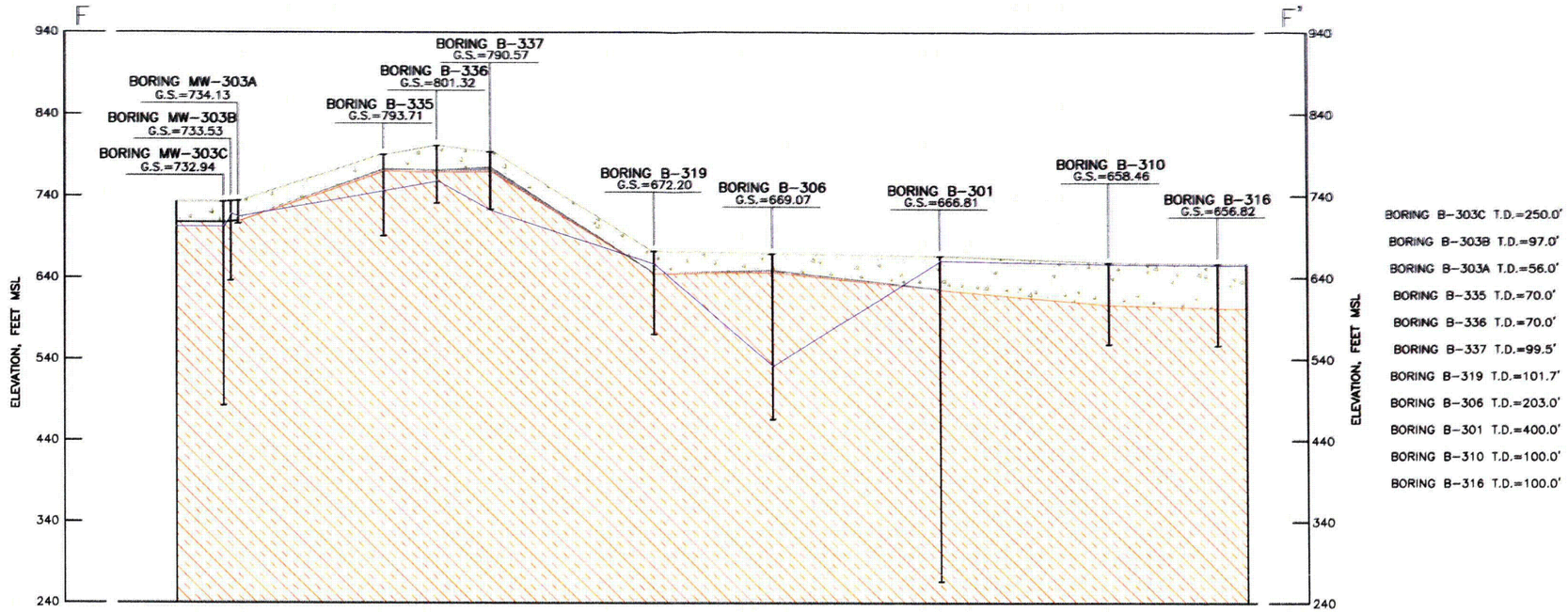
1. THE DEPTH AND THICKNESS OF SOIL AND ROCK STRATA INDICATED ON THE SUBSURFACE PROFILE WERE OBTAINED BY INTERPOLATING BETWEEN BORINGS. INFORMATION ON ACTUAL SOIL AND ROCK CONDITIONS EXIST ONLY AT BORING LOCATIONS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.
2. SOIL AND ROCK CLASSIFICATIONS ARE MADE IN ACCORDANCE WITH ASTM D2487-06 AND ASTM D2488-06.
3. ALL DEPTHS ARE BELOW GROUND SURFACE.
4. SITE-MAHANTANGO BEDROCK AVERAGE ORIENTATION-STRIKE (N 20°E) DIP (70° SE).

THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIC LOCATIONS AND DATES INDICATED. SOIL CONDITIONS AND WATER LEVELS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS OCCURRING AT THESE BORING LOCATIONS. ALSO THE PASSAGE OF TIME MAY RESULT IN A CHANGE IN THE CONDITIONS AT THESE BORING LOCATIONS.

THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA INDICATED ON THE SECTIONS WERE GENERALIZED FROM AND INTERPOLATED BETWEEN THE TEST BORINGS. INFORMATION ON ACTUAL SUBSURFACE CONDITIONS EXISTS ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.

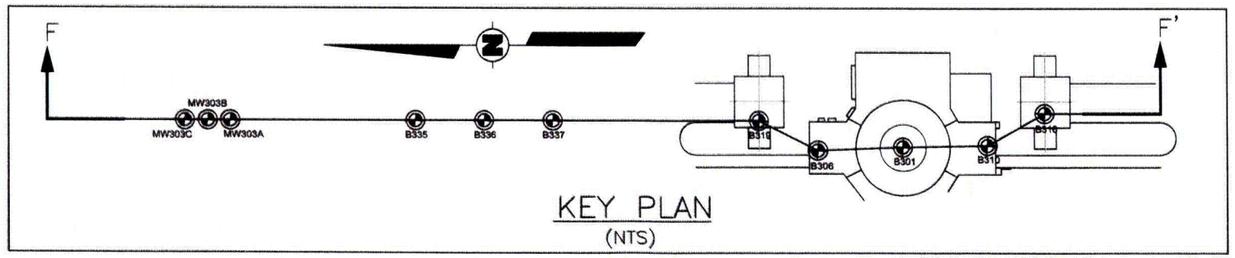
CAD FILE: 073891B18.dwg

Figure 2.5-100a Geotechnical Site Cross Section F-F'



BORING B-303C T.D.=250.0'
BORING B-303B T.D.=97.0'
BORING B-303A T.D.=56.0'
BORING B-335 T.D.=70.0'
BORING B-336 T.D.=70.0'
BORING B-337 T.D.=99.5'
BORING B-319 T.D.=101.7'
BORING B-306 T.D.=203.0'
BORING B-301 T.D.=400.0'
BORING B-310 T.D.=100.0'
BORING B-316 T.D.=100.0'

GEOTECHNICAL SECTION F–F'



KEY PLAN
(NTS)

LEGEND:

- GLACIO FLUVIAL DEPOSITS
- WEATHERED SHALE/SILTSTONE (MAHANTANGO FORMATION)
- SHALE/SILTSTONE (MAHANTANGO FORMATION)
- APPROXIMATE WATERLINE

VERTICAL SCALE
100 0 100 FEET

HORIZONTAL SCALE
400 0 400 FEET

THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIC LOCATIONS AND DATES INDICATED. SOIL CONDITIONS AND WATER LEVELS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS OCCURRING AT THESE BORING LOCATIONS. ALSO THE PASSAGE OF TIME MAY RESULT IN A CHANGE IN THE CONDITIONS AT THESE BORING LOCATIONS.

THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA INDICATED ON THE SECTIONS WERE GENERALIZED FROM AND INTERPOLATED BETWEEN THE TEST BORINGS. INFORMATION ON ACTUAL SUBSURFACE CONDITIONS EXISTS ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.

NOTES:

1. THE DEPTH AND THICKNESS OF SOIL AND ROCK STRATA INDICATED ON THE SUBSURFACE PROFILE WERE OBTAINED BY INTERPOLATING BETWEEN BORINGS. INFORMATION ON ACTUAL SOIL AND ROCK CONDITIONS EXIST ONLY AT BORING LOCATIONS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.
2. USGS FIELD CLASSIFICATION USED.
3. SOIL AND ROCK CLASSIFICATION MADE IN ACCORDANCE WITH ASTM D2487–06 AND ASTM D2488–06.
4. SITE–MAHANTANGO BEDROCK AVERAGE ORIENTATION–STRIKE (N 20°E) DIP (70° SE).

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Figure 2.5-101 Surficial Sediments Description

LEGEND:

★ Proposed Center Point of Bell Bend NPP (BBNPP)

○ NPP Reactor 0.6-mile (1 km) Radius

ARTIFICIAL FILL af	ALLUVIUM Qal	ALLUVIAL FAN Qf	ALLUVIUM AND WOODFORDIAN OUTWASH, UNDIVIDED Qwoa	SWAMP DEPOSIT Qs	ALLUVIUM AND COLLUVIUM UNDIVIDED Qac	COLLUVIUM Qc	COLLUVIUM AND TILL, UNDIVIDED Qct	EOLIAN MANTLE Qem	TALUS Qt	BOULDER COLLUVIUM Qbc

WOOD-FORDIAN OUTWASH Qwo	WOOD-FORDIAN KAME TERRACE Qwkt	WOOD-FORDIAN KAME TERRACE AND OUTWASH, UNDIVIDED Qwkto	WOOD-FORDIAN FRONTAL KAME Qwfk	WOOD-FORDIAN ICE-CONTACT STRATIFIED DRIFT Qwic	WOOD-FORDIAN GROUND MORAINE Qwgm	WOOD-FORDIAN END MORAINE Qwem	ALTONIAN OUTWASH Qao	ALTONIAN TILL Qat	ILLINOIAN KAME TERRACE Qikt	ILLINOIAN TILL Qit

REFERENCE:
• Inners, 1978.

Figure 2.5-102 {Deleted}

Figure 2.5-103 Site Geotechnical Investigation Plan

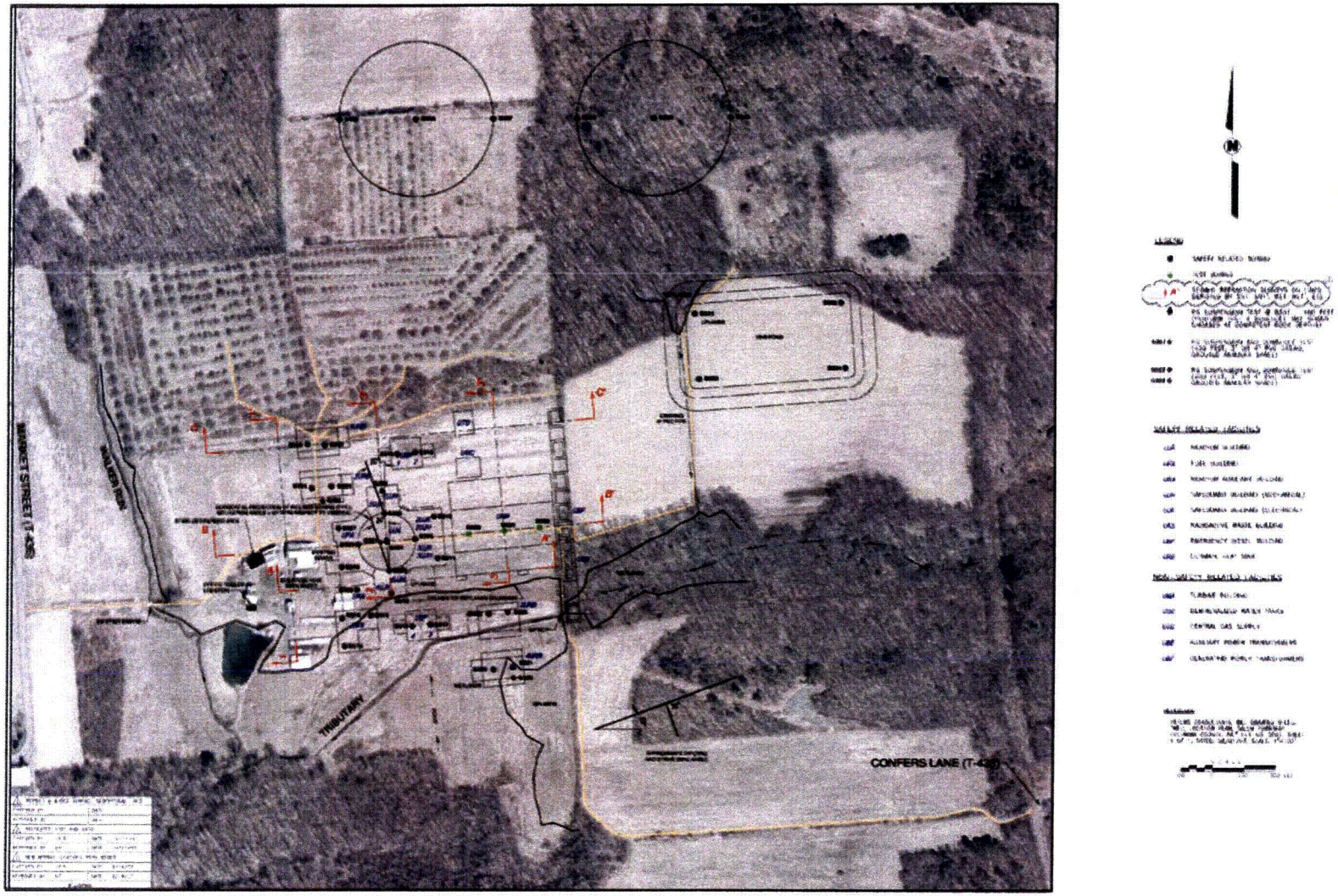


Figure 2.5-104 Seismic Velocity Contours

Vertical Scale = Elevation (feet)

Horizontal Scale = Profile Distance (feet)

No vertical exaggeration

Ground surface, Layer 1 (6,000 fps), and Layer 2 (14,000 fps) are shown as heavy

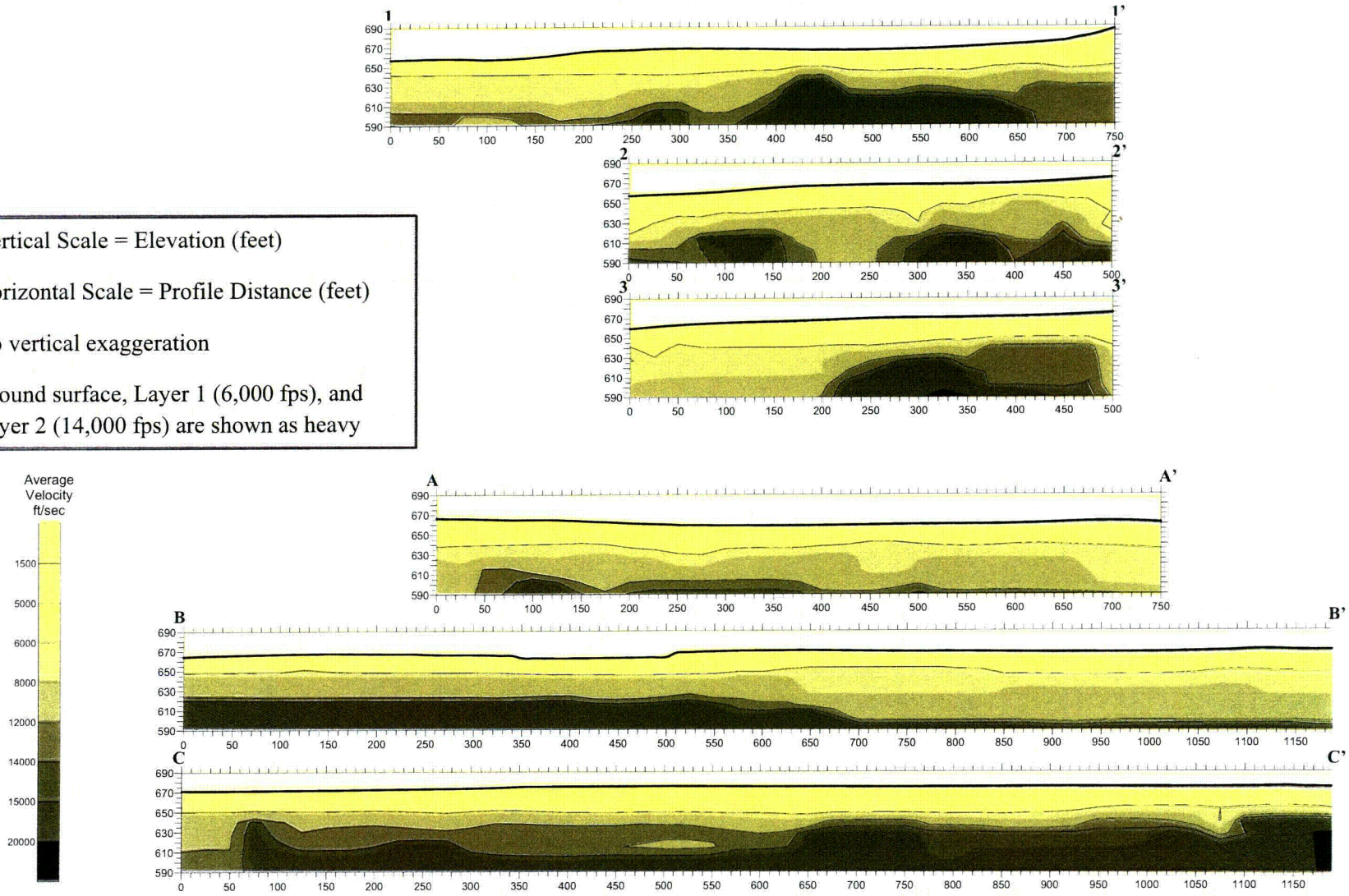
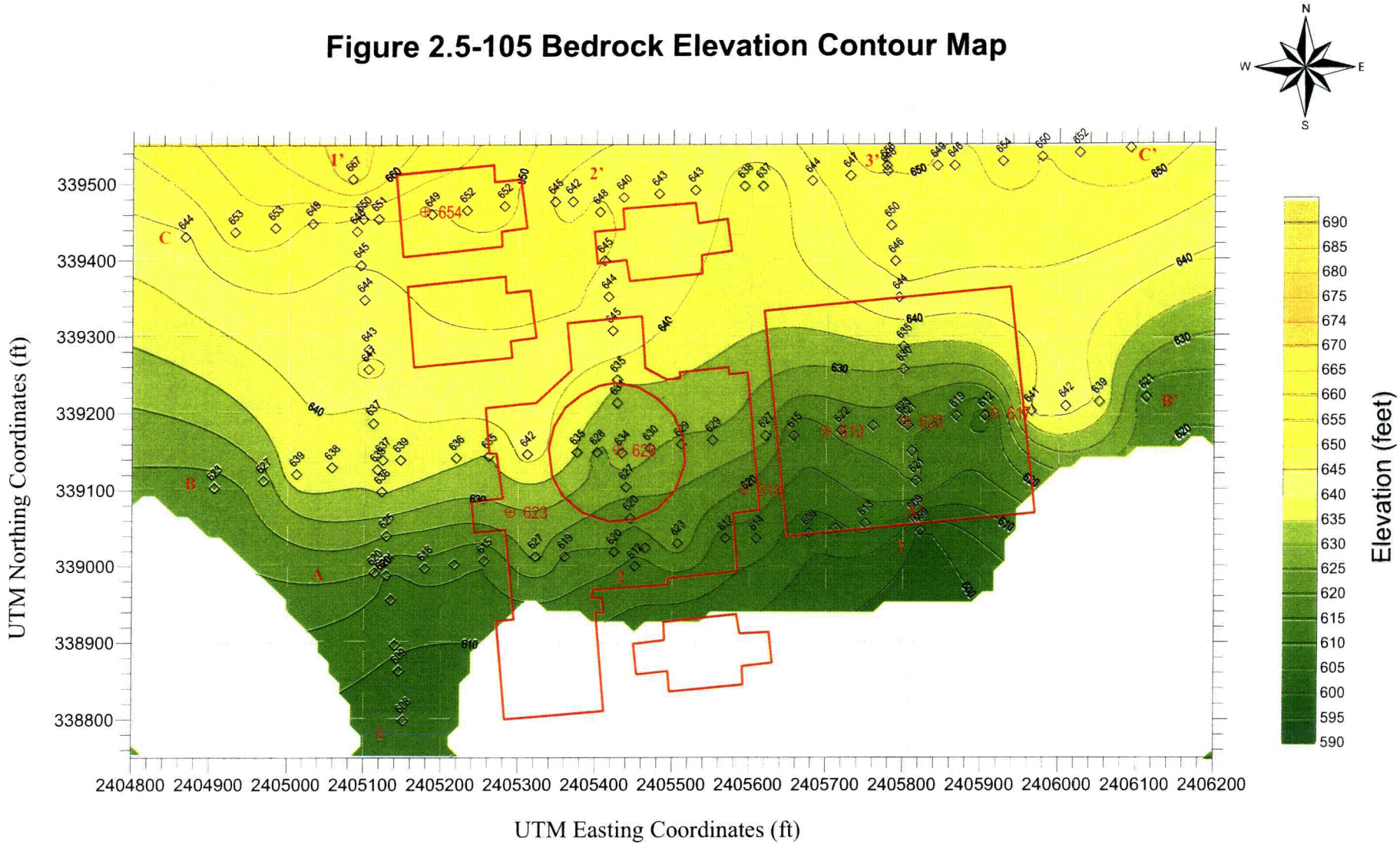


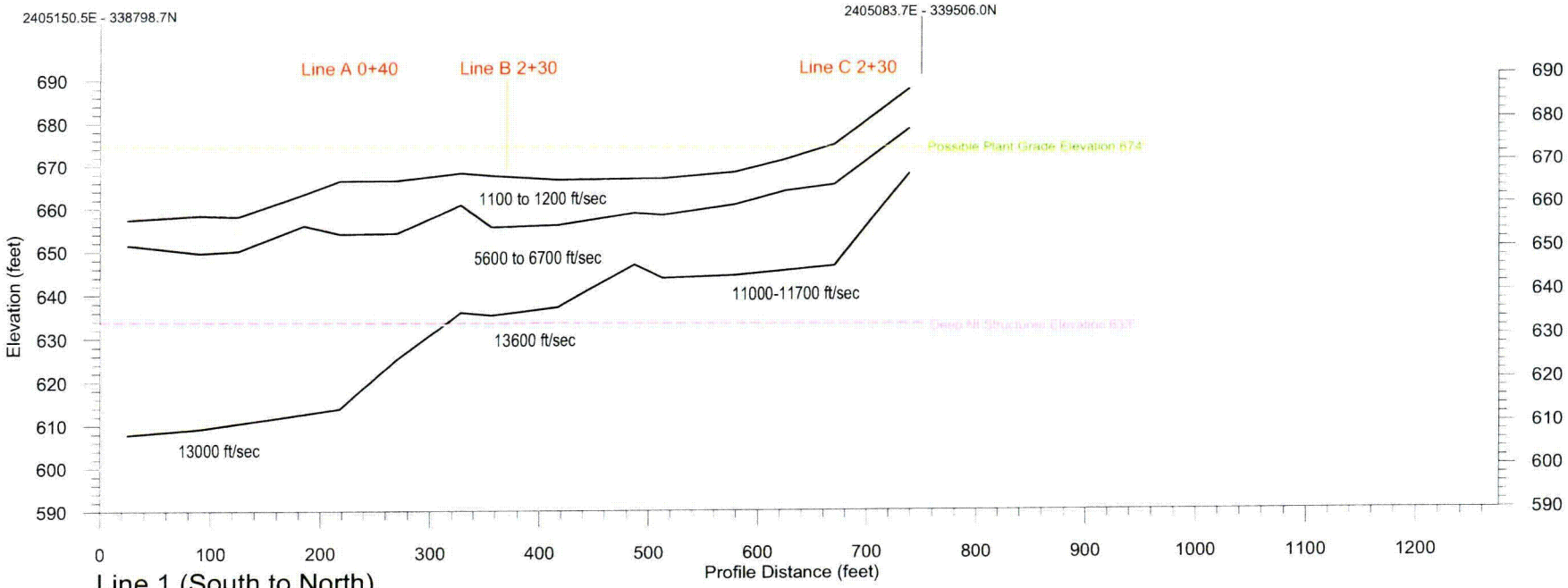
Figure 2.5-105 Bedrock Elevation Contour Map



REFERENCE:

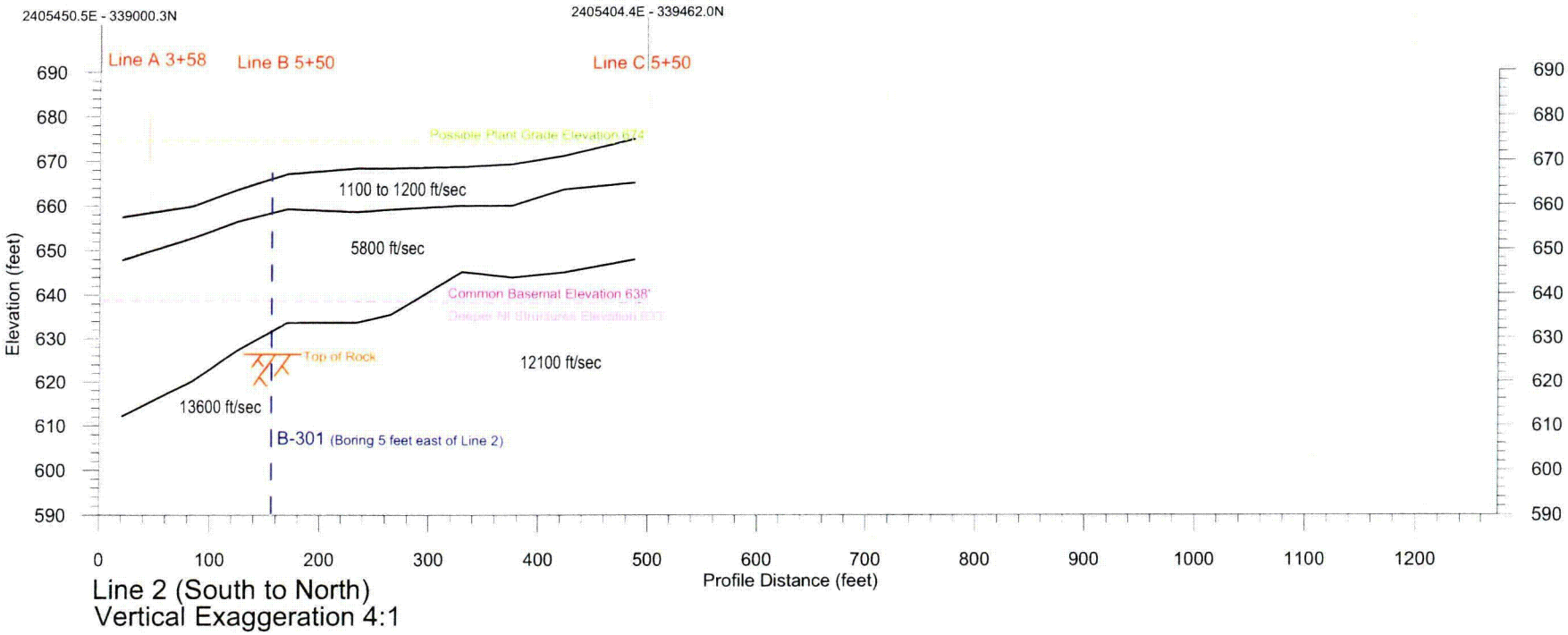
•Weston, 2008

Figure 2.5-105a Refraction Survey Page 1 of 6



Line 1 (South to North)
Vertical Exaggeration 4:1

Figure 2.5-105b Refraction Survey Page 2 of 6



Line 2 (South to North)
Vertical Exaggeration 4:1

Figure 2.5-105c Refraction Survey Page 3 of 6

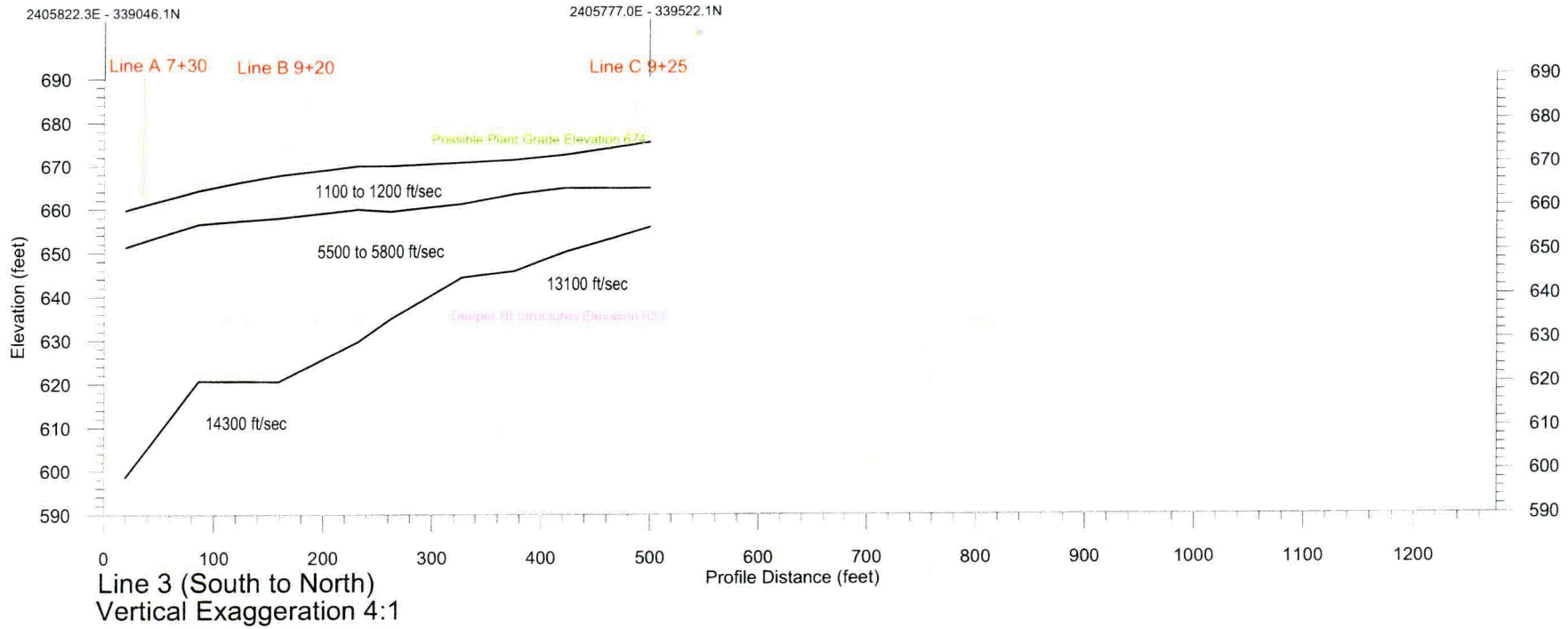
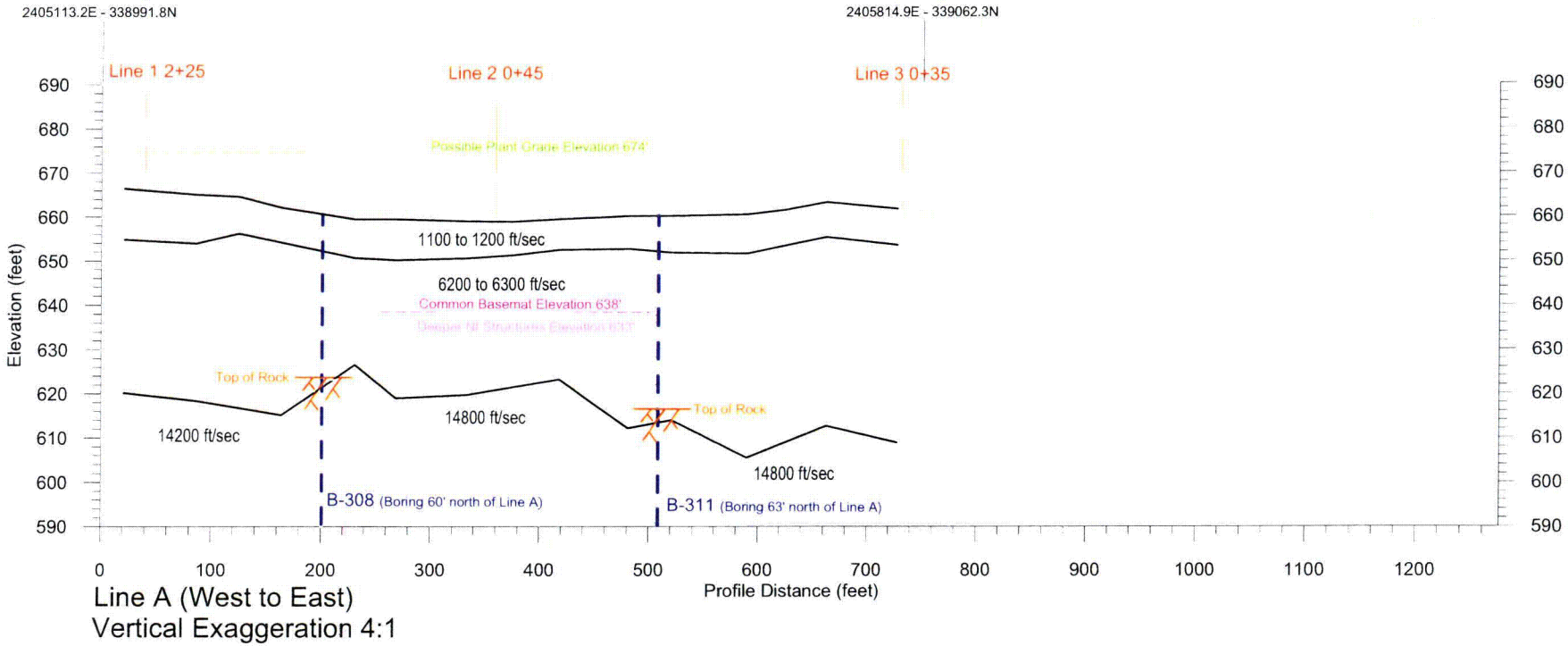
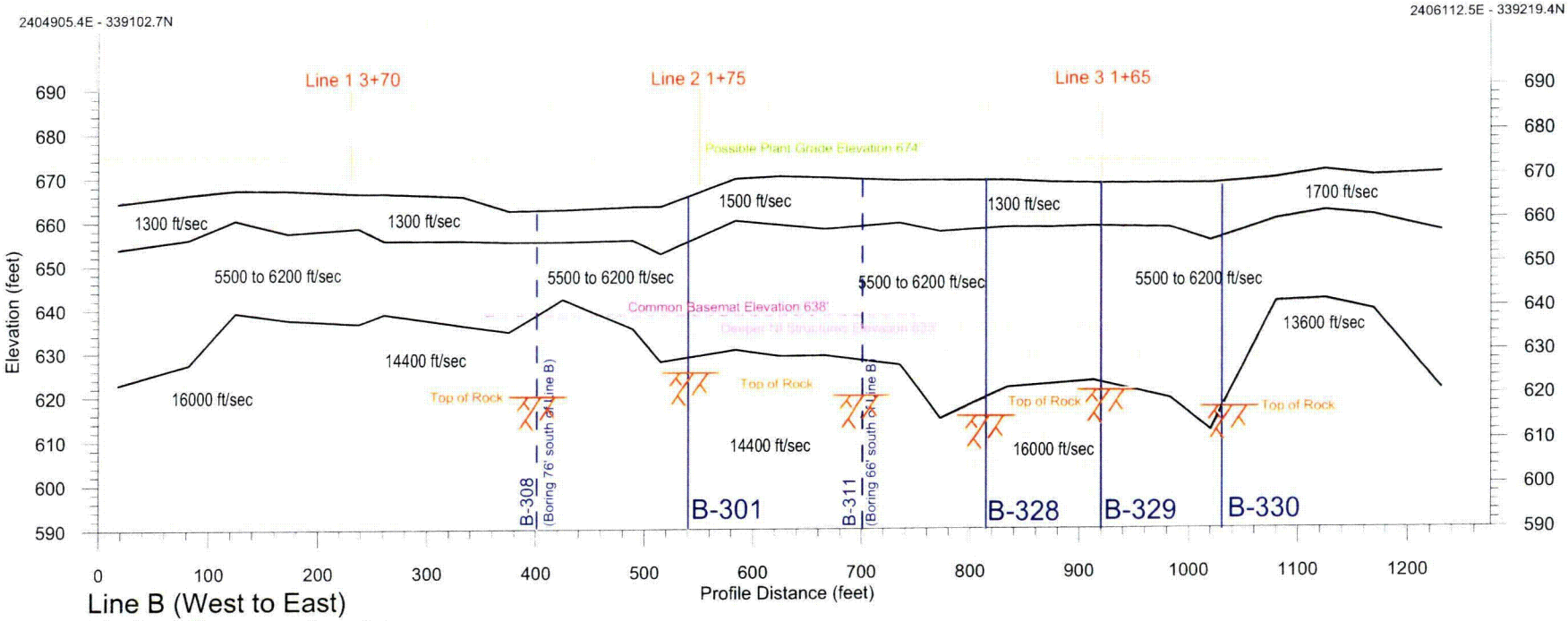


Figure 2.5-105d Refraction Survey Page 4 of 6



Line A (West to East)
Vertical Exaggeration 4:1

Figure 2.5-105e Refraction Survey Page 5 of 6



Line B (West to East)
Vertical Exaggeration 4:1

Figure 2.5-105f Refraction Survey Page 6 of 6

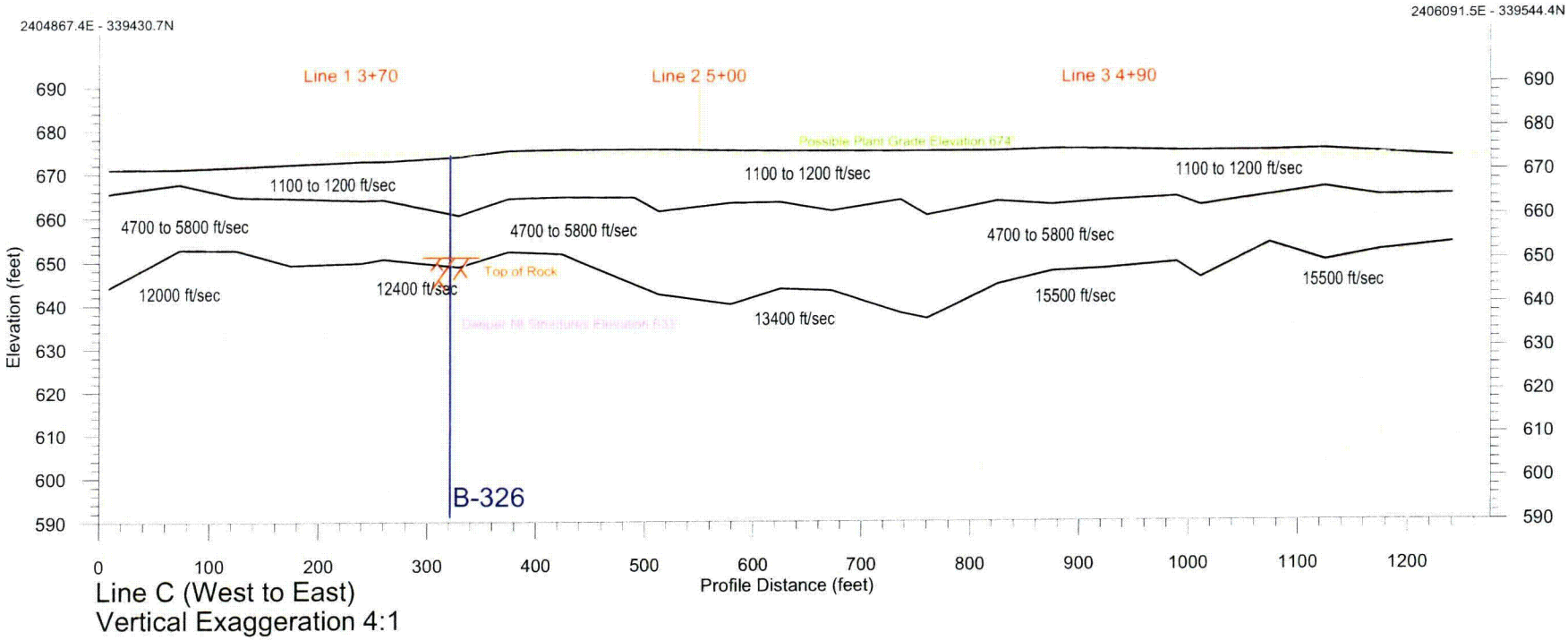


Figure 2.5-105g Elevation of Competent Rock

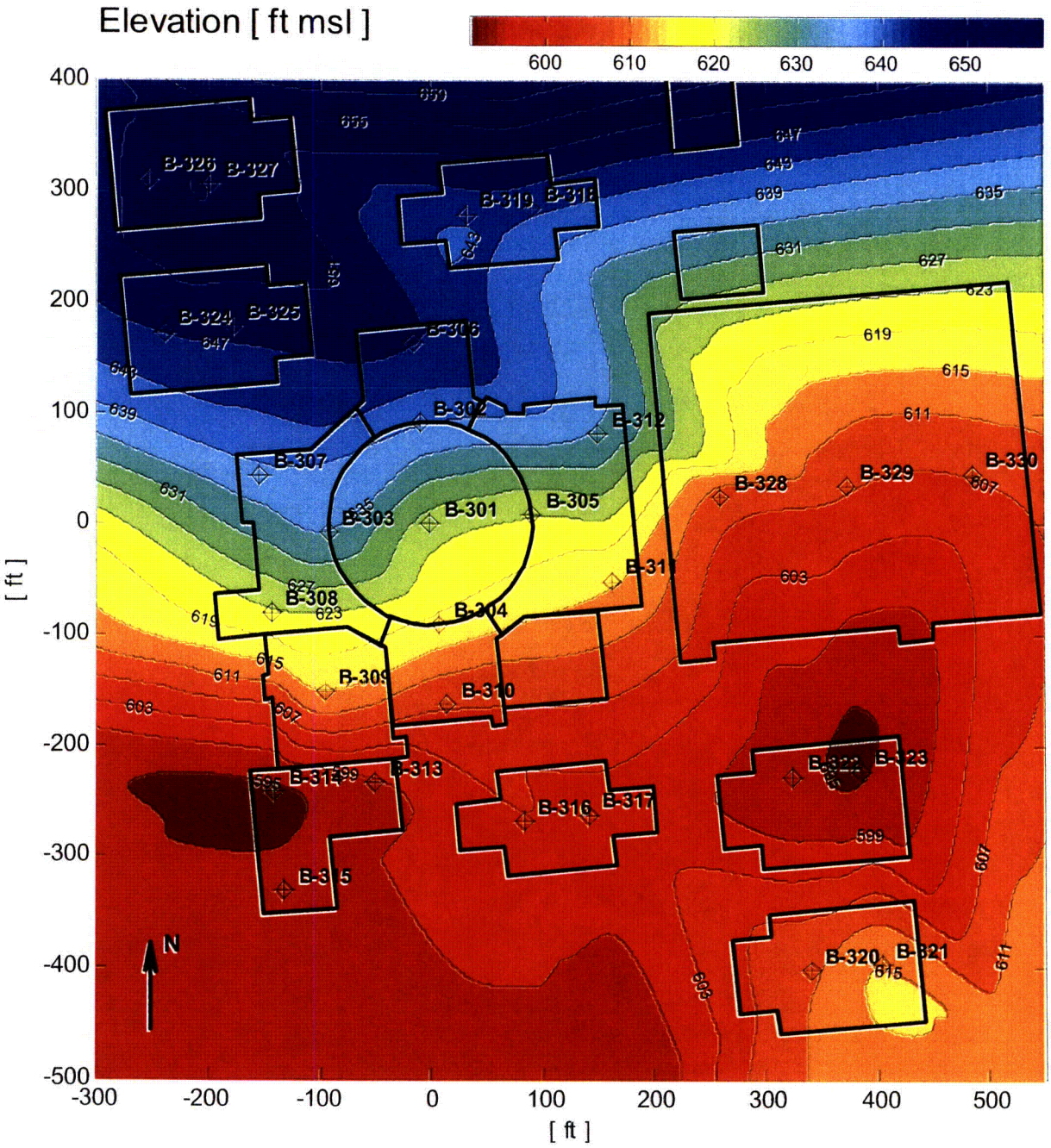


Figure 2.5-105h Westward View of Syber Creek, with no Evidence of the Light Street Fault

Figure 2.5-105i View of Syber Creek Looking North, with no Expression of the Light Street Fault

Figure 2.5-105j Rocky Bed of the Susquehanna River at the Berwick Bridge

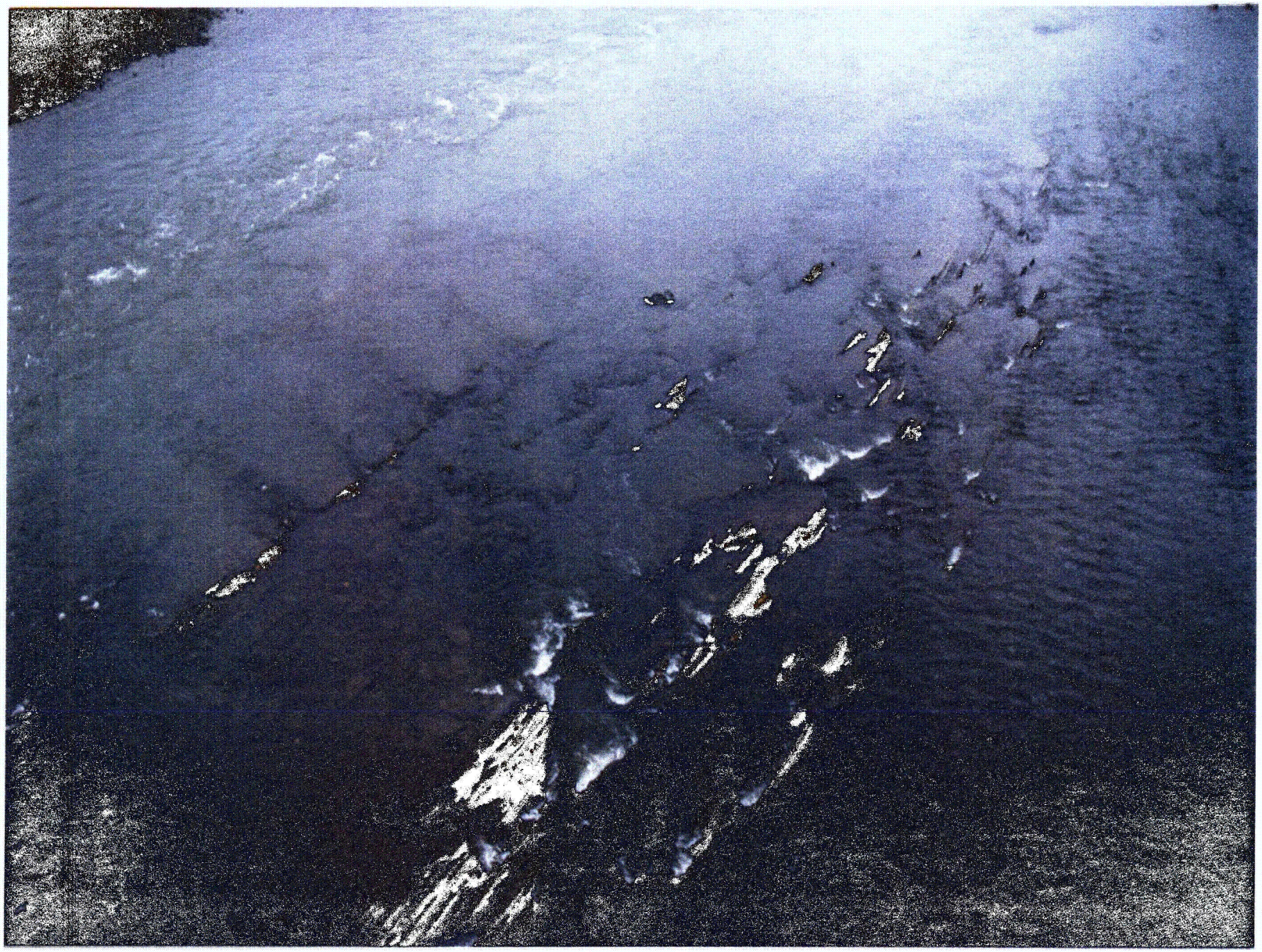


Figure 2.5-105k Gravelly Deposits along Hunlock Creek, a Tributary to the Susquehanna

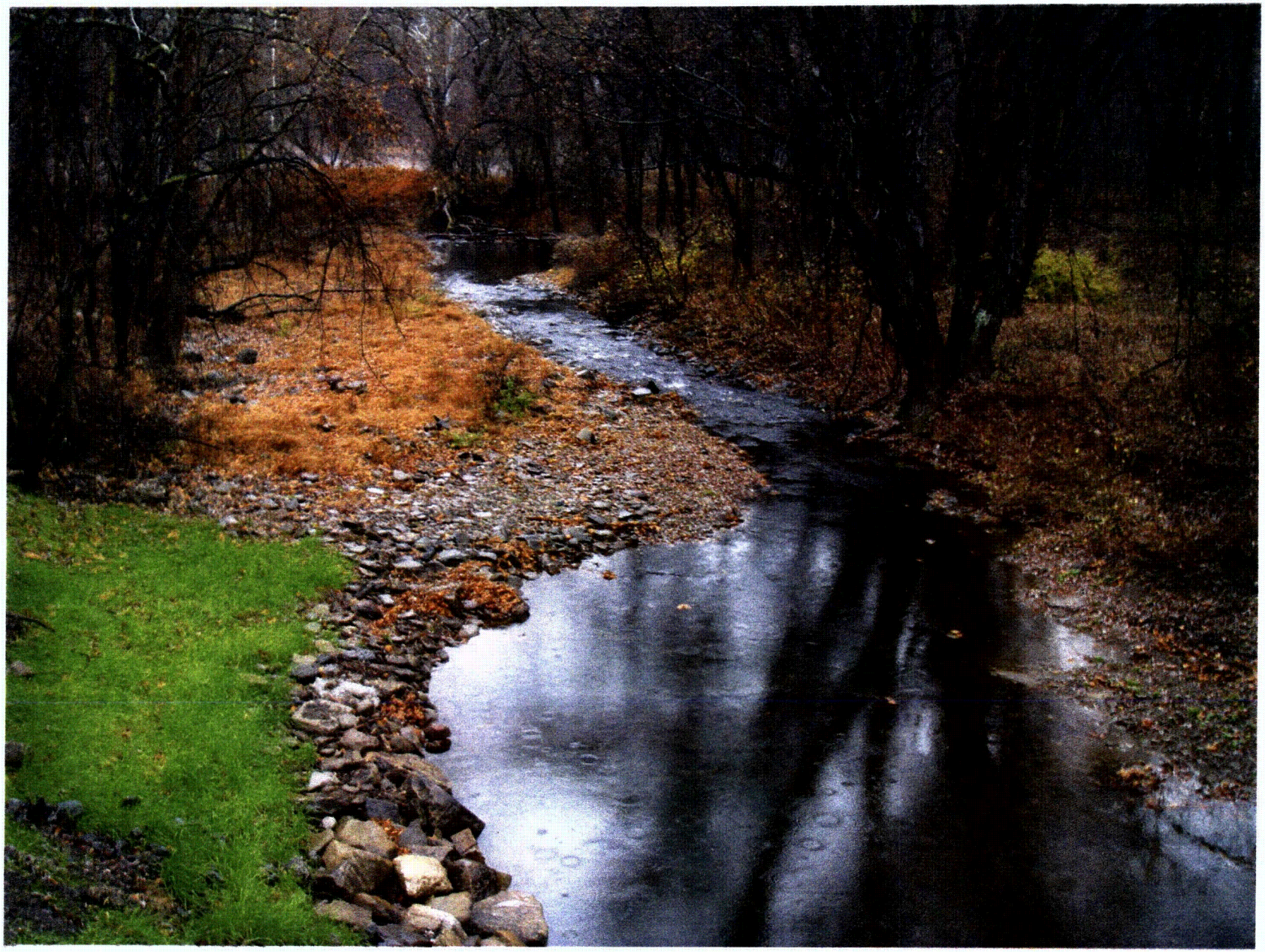


Figure 2.5-105l Exposure of Soft Sediments on the East Bank of the Susquehanna River

Figure 2.5-105m Exposure of Man-made Fill on the Susquehanna River

Figure 2.5-105n Shale Outcrop at the Site with Steeply Dipping Beds (85 Degrees to the ENE)

Figure 2.5-105o Fractured Shale in Borrow Area Along Highway 11, Showing No Offset of the Glacial Till Contact

Figure 2.5-105p Shale in Borrow Area Dipping 15 Degrees, and Overlain by Glacial Till

Figure 2.5-105q Continuous Contact Between Glacial Till and Top of Shale Bedrock

Figure 2.5-105r Aerial Photo of Site with Waypoints from Field Reconnaissance

LEGEND

WP1 Paleoliquefaction Waypoints

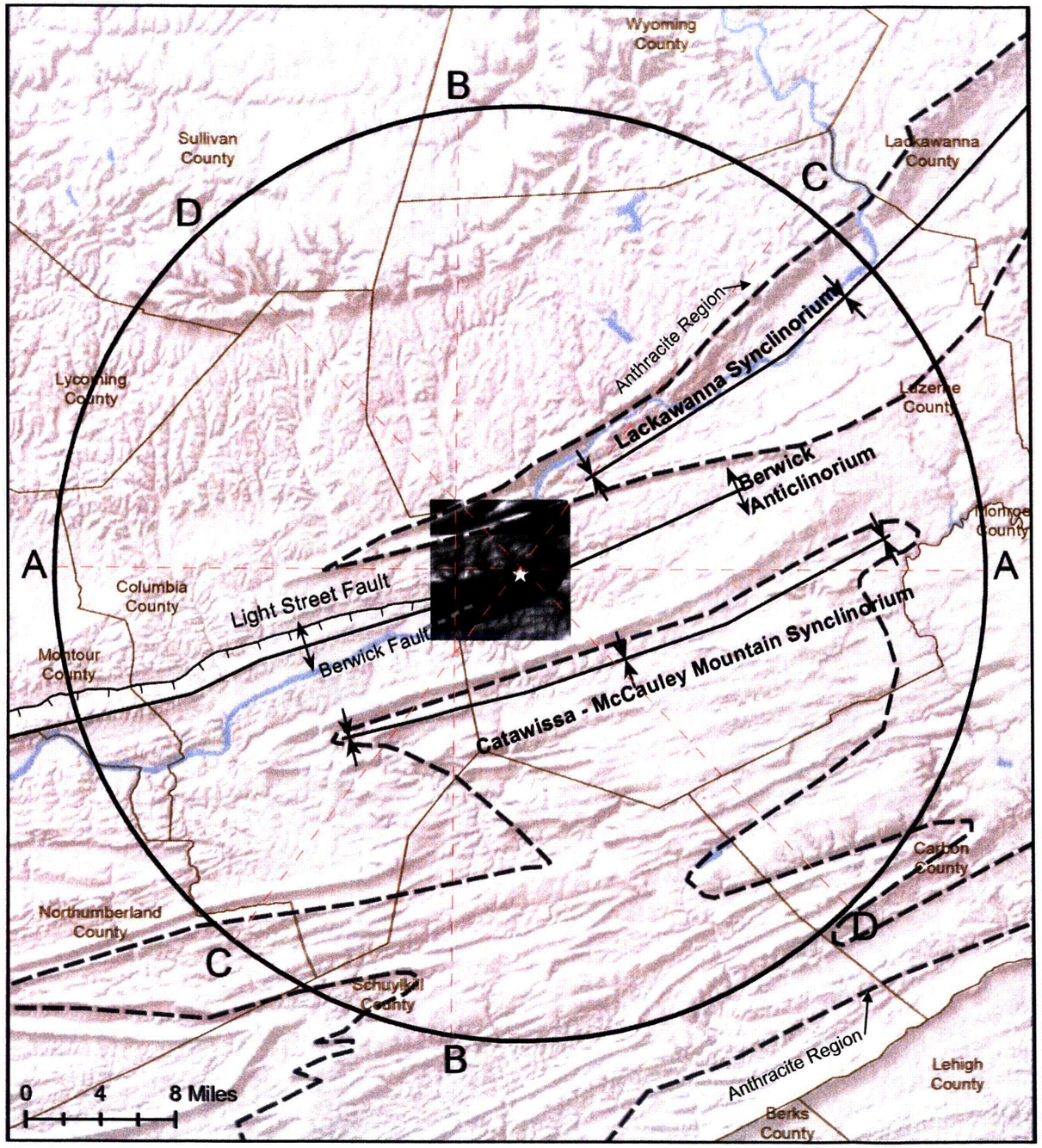
WF0 Surface Faulting Waypoints

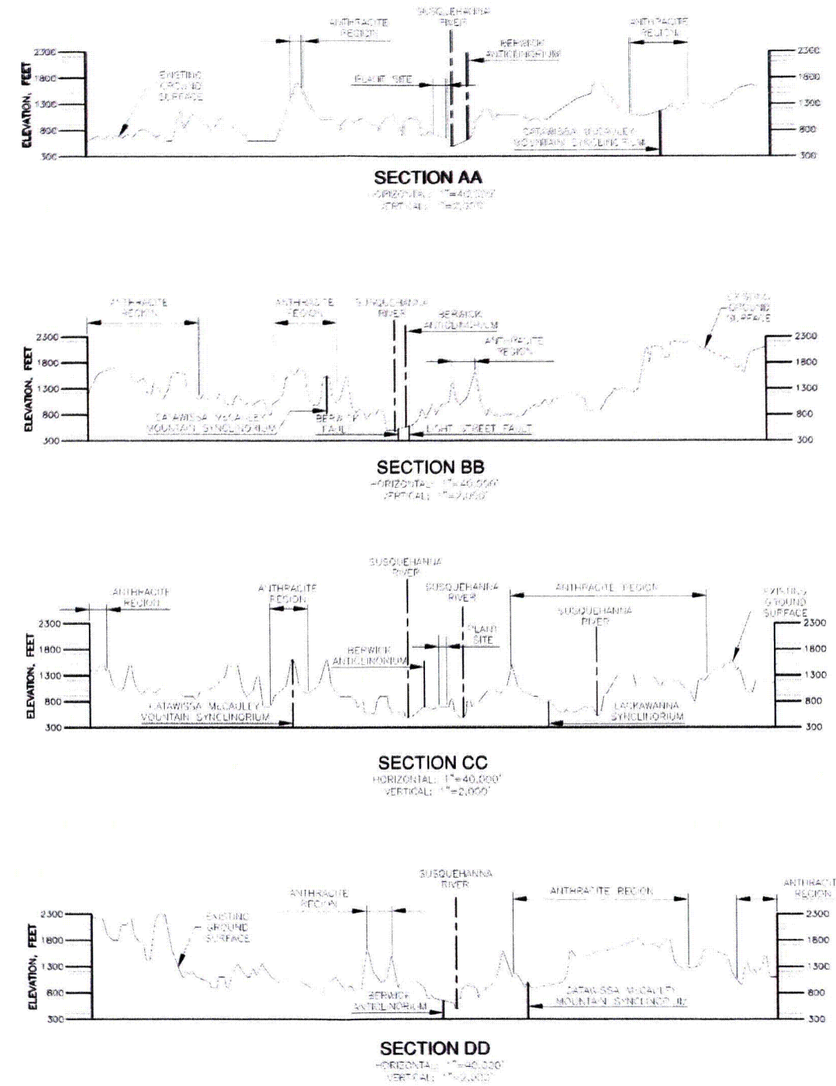
0 0.25 0.5 Miles

0 0.25 0.5 Kilometers

References:
• PAMAP, 2006.

Figure 2.5-105s LIDAR Image with Topographic Sections Across the Site Vicinity





Reference:
PAMAP, 2006
ESRI, 2008

LOCATION MAP
SCALE
10 0 10 mi

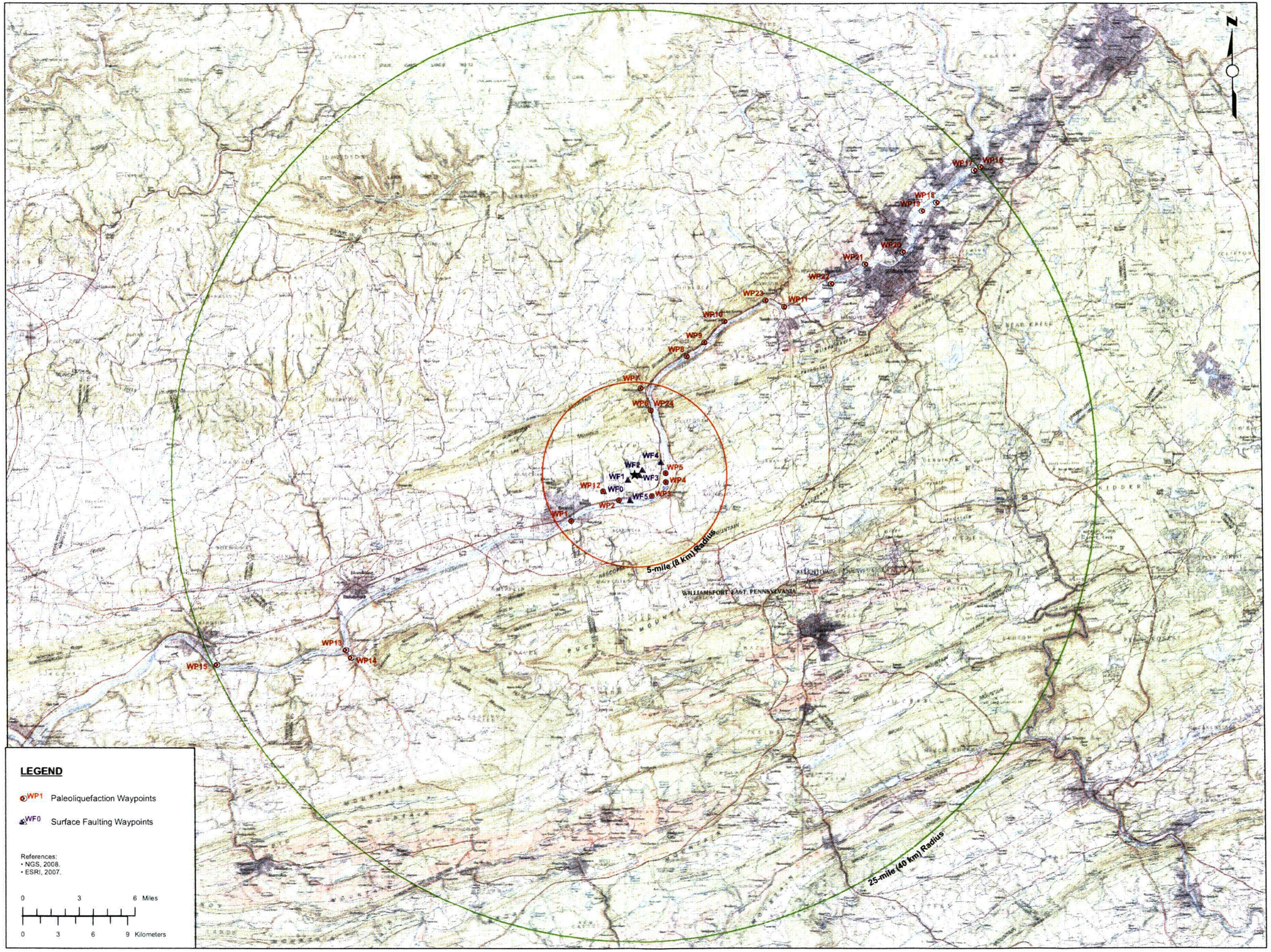



Figure 2.5-105t Topographical Map of Site Area 25-mile (40 km) Radius with Waypoints from Field Reconnaissance