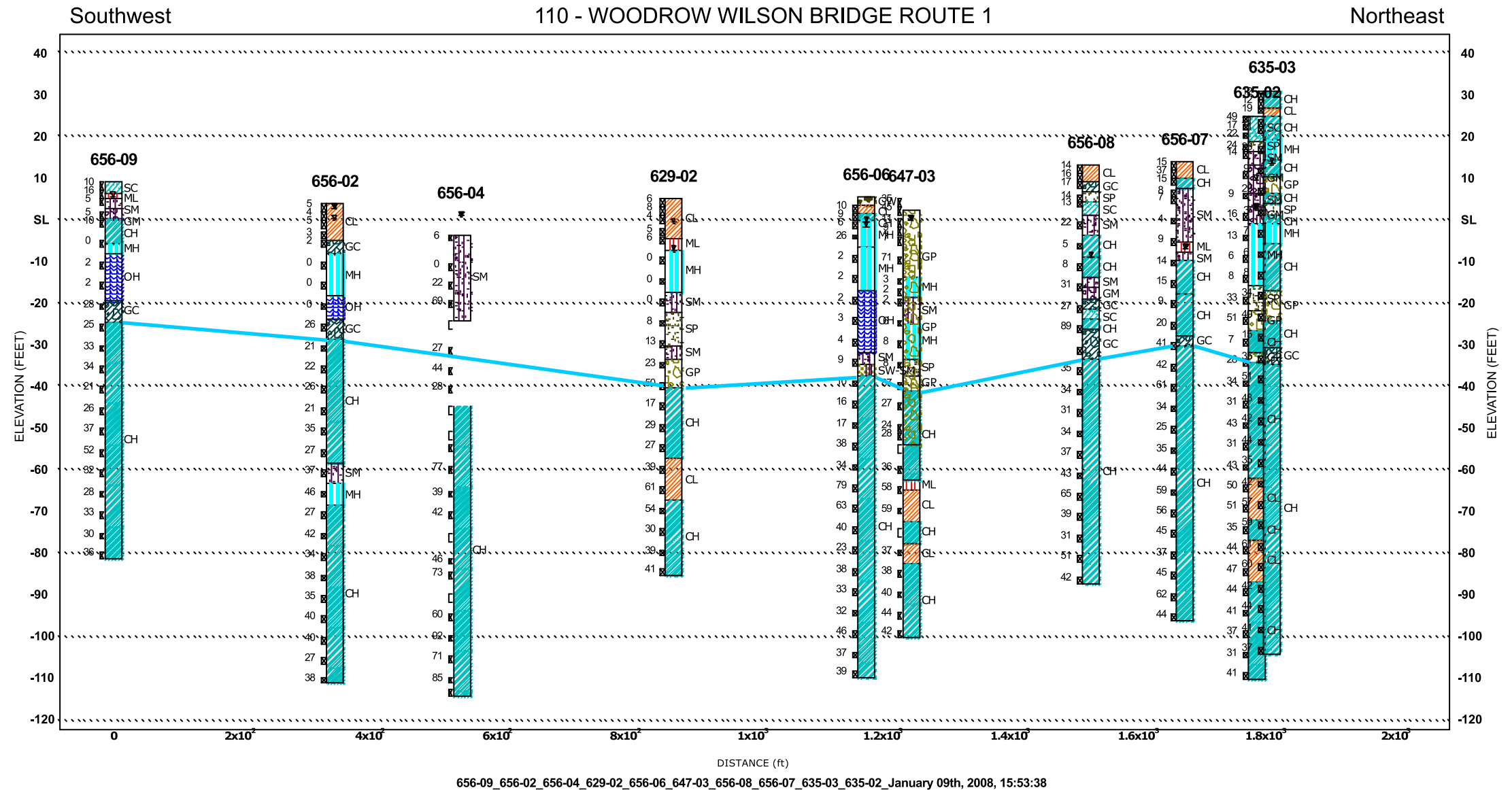


FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.					



Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

Legend:

- Groundwater, initially encountered
- Groundwater, stabilized
- REC Recovery
- RQD Rock Quality Designation

21 N Value

THE SUBSURFACE INFORMATION SHOWN ON THE BORINGS LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS. THE CITY MAKES NO WARRANTY OR GUARANTEE THAT SUCH INFORMATION IS ACCURATE. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN; AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER WITHOUT THE GUARANTEE OR WARRANTY OF THE DEPARTMENT. THE DEPARTMENT DOES NOT EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES,

THE BORING LOGS ARE MADE AVAILABLE TO BIDDERS IN ORDER THAT THEY MAY HAVE ACCESS TO SUBSURFACE DATA IDENTICAL TO THOSE WHICH ARE POSSESSED BY THE DEPARTMENT, AND ARE NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INTERPRETATION AND JUDGMENT BY THE BIDDERS.

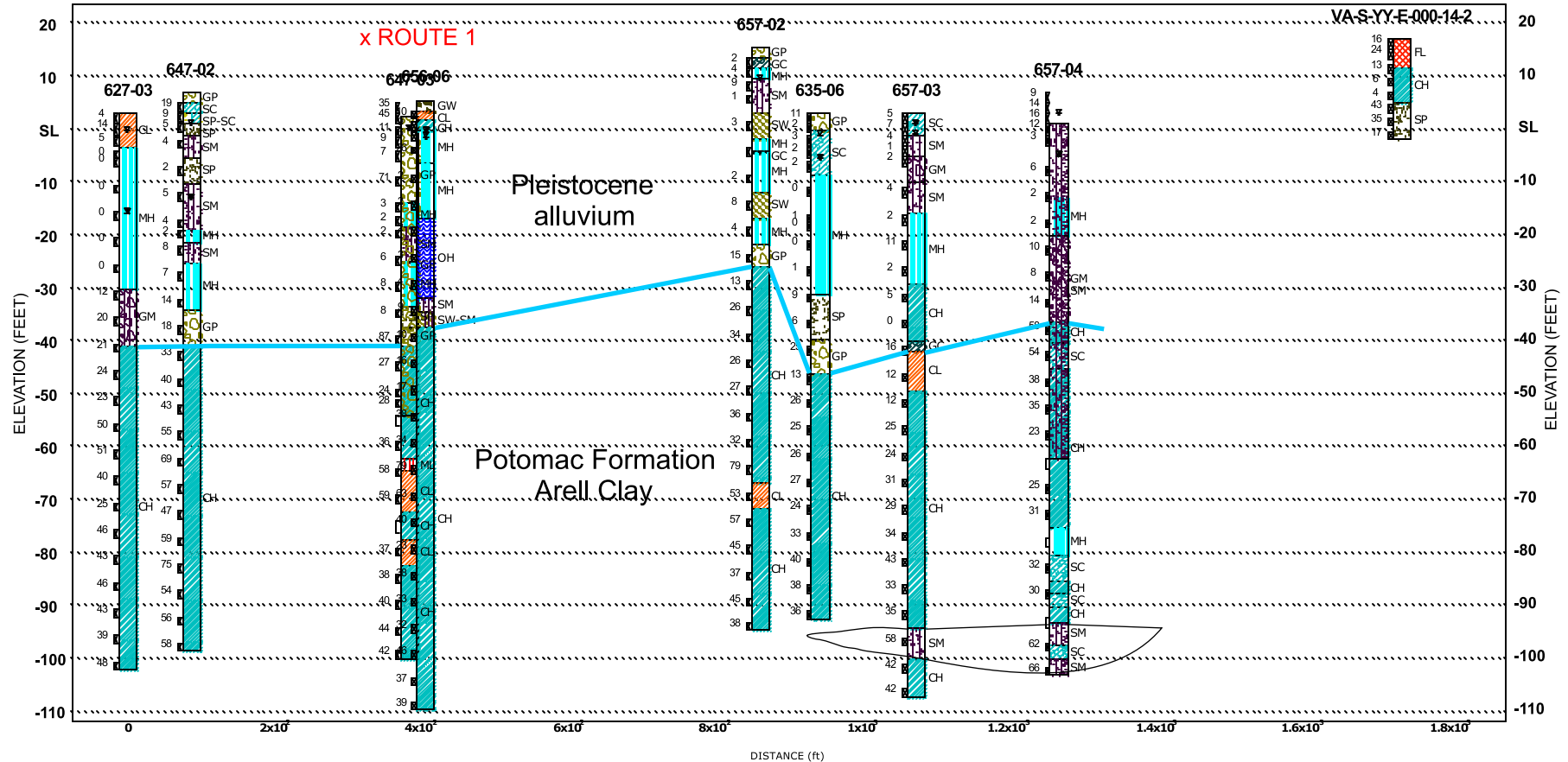
			COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION			
			MATERIALS DIVISION			
			(Fence Diagram Generated by GDBMS Framework) ENGINEERING GEOLOGY			
No.	Description	Date	Date:	Date	Plan No.	Sheet No.
Revisions			Drawn:			
			Checked:			

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA					

West

109 - WOODROW WILSON BRIDGE 5-EAST

East



THE SUBSURFACE INFORMATION SHOWN ON THE BORING LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS AT THE SITES WHERE THE BORINGS WERE TAKEN. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN, AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER SPECULATIVE. FURTHER, THE DEPARTMENT DOES NOT IN ANY WAY GUARANTEE, EITHER EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES.

THE BORING LOGS ARE MADE AVAILABLE TO BIDDERS IN ORDER THAT THEY MAY HAVE ACCESS TO SUBSURFACE DATA IDENTICAL TO THOSE WHICH ARE POSSESSED BY THE DEPARTMENT, AND ARE NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INTERPRETATION AND JUDGMENT BY THE BIDDERS.

Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

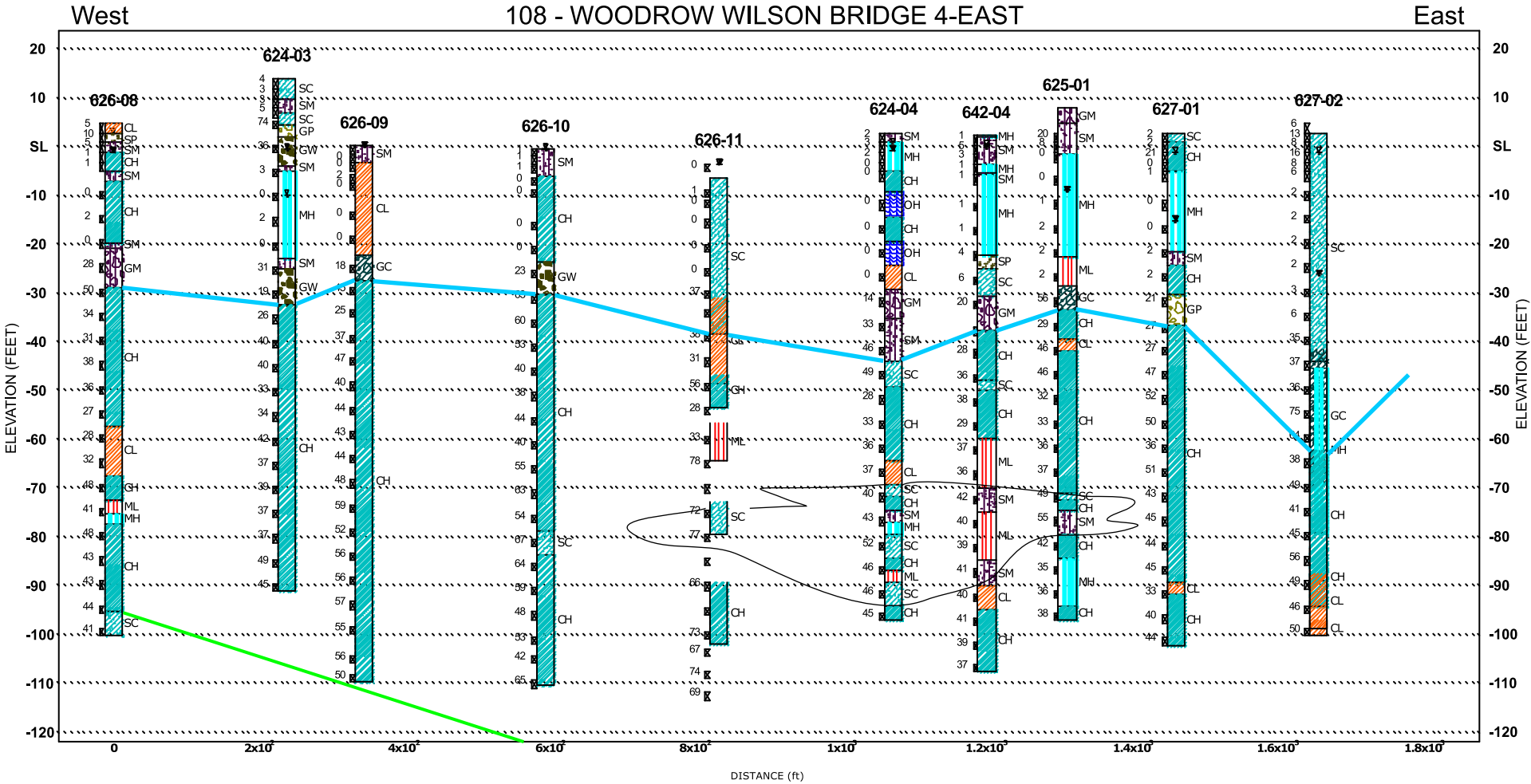
Legend:
■ Groundwater, initially encountered
■ Groundwater, stabilized
■ REC Recovery
■ RQD Rock Quality Designation
21 N Value

627-03_647-02_647-03_656-06_657-02_635-06_657-03_657-04_VA-S-YY-E-000-14-2_January 09th, 2008, 15:41:23

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COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	Drawn:	USGS	Sheet No.
Revisions			Checked:		

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA					



626-08_624-03_626-09_626-10_626-11_624-04_642-04_625-01_627-01_627-02_January 09th, 2008, 15:31:25

Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

Legend:
■ Groundwater, initially encountered
■ Groundwater, stabilized
R/C Recovery
RQD Rock Quality Designation

21 N Value

THE SUBSURFACE INFORMATION SHOWN ON THE BORING LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS AT THE SITES WHERE THE BORINGS WERE TAKEN. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN; AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER SPECULATIVE. FURTHER, THE DEPARTMENT DOES NOT IN ANY WAY GUARANTEE, EITHER EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES.

THE BORING LOGS ARE MADE AVAILABLE TO BIDDERS IN ORDER THAT THEY MAY HAVE ACCESS TO SUBSURFACE DATA IDENTICAL TO THOSE WHICH ARE POSSESSED BY THE DEPARTMENT, AND ARE NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INTERPRETATION AND JUDGMENT BY THE BIDDERS.

2008, Commonwealth of Virginia

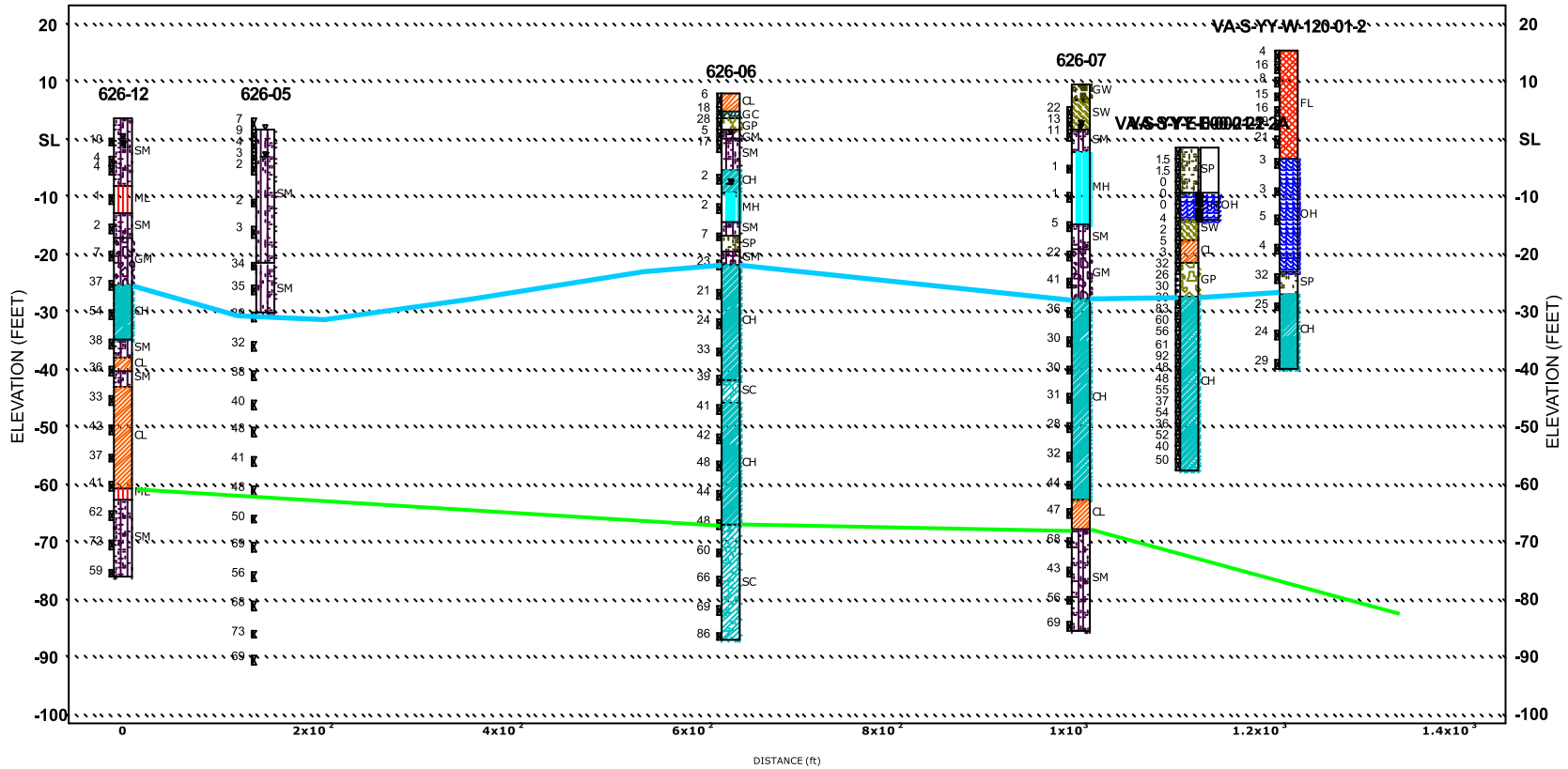
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MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	USER:	DATE:	SHEET NO.
Revisions			Drawn:		
			Checked:		

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA					

West

107 - WOODROW WILSON BRIDGE 3-EAST

East



626-12_626-05_VA-C-YY-W-125-01-2_626-06_VA-D-YY-B-011-02-2_626-07_VA-S-YY-E-000-21-2_VA-S-YY-E-000-21-2A_VA-S-YY-W-120-01-2_VA-C-YY-B-011-03-2_November 22nd, 2007, 13:19:03

Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

Legend:

- Groundwater, initially encountered
- Groundwater, stabilized
- REC: Recovery
- RQD: Rock Quality Designation
- 21: N Value

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	Date: Drawn	Date	Plan No. Sheet No.
Revisions			Checked:		

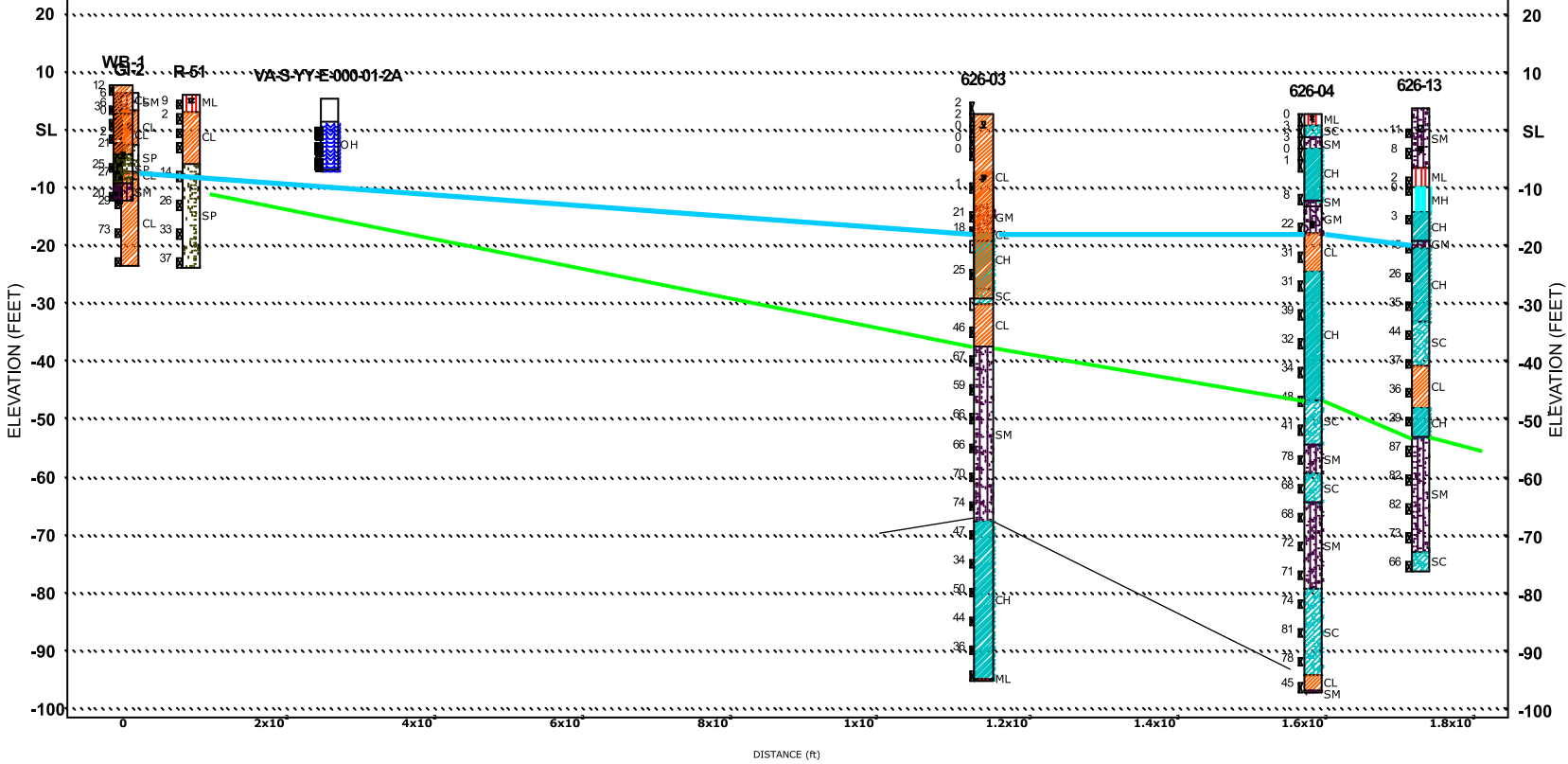
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FHA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA					

West

106 - WOODROW WILSON BRIDGE 2-EAST

East



GI-2_WB-1_R-51_VA-S-YY-E-000-01-2A_VA-C-YY-E-000-01-2_626-03_VA-C-YY-E-000-05-2_626-04_VA-C-YY-E-000-07-2_626-13_November 22nd, 2007, 13:15:00

Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

Legend:

- Groundwater, initially encountered
- Groundwater, stabilized
- REC: Recovery
- RQD: Rock Quality Designation
- N Value

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework) ENGINEERING GEOLOGY					
No.	Description	Date	Drawn	Checkd	Proj No.
Revisions					

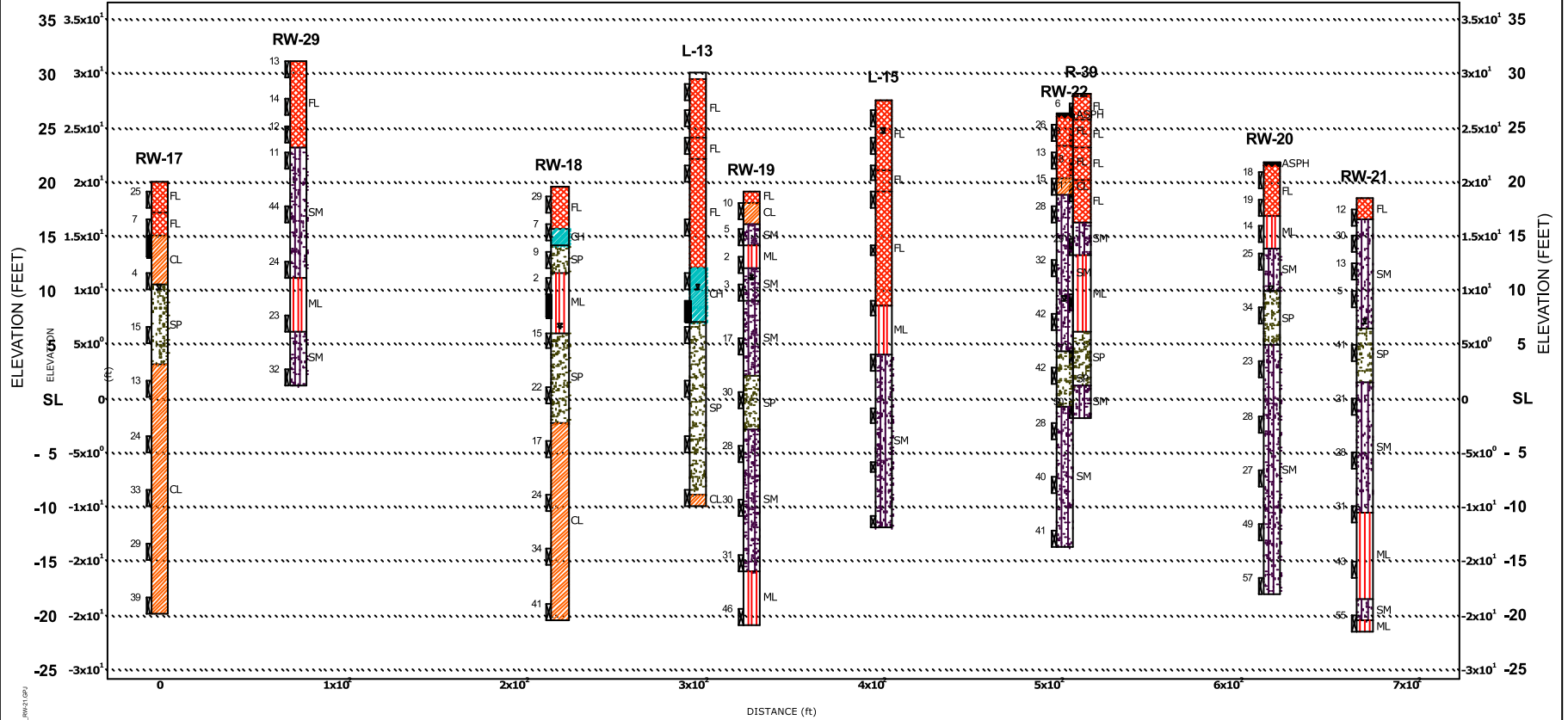
West

104 - WOODROW WILSON BRIDGE 9-WEST

FHWA REGION	STATE	FEDERAL AID		STATE	SHEET NO.
		ROUTE	PROJECT		
3	VA.				

East

RW-17_RW-29_RW-18_L-13_RW-19_L-15_R-39_RW-22_RW-20_RW-21_November 22nd, 2007, 12:44:13



THE SUBSURFACE INFORMATION SHOWN ON THE BORING LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS AT THE SITES WHERE THE BORINGS WERE TAKEN. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN; AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER SPECULATIVE. FURTHER, THE DEPARTMENT DOES NOT IN ANY WAY GUARANTEE, EITHER EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES.

THE BORING LOGS ARE MADE AVAILABLE TO BIDDERS IN ORDER THAT THEY MAY HAVE ACCESS TO SUBSURFACE DATA IDENTICAL TO THOSE WHICH ARE POSSESSED BY THE DEPARTMENT, AND ARE NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INTERPRETATION AND JUDGMENT BY THE BIDDERS.

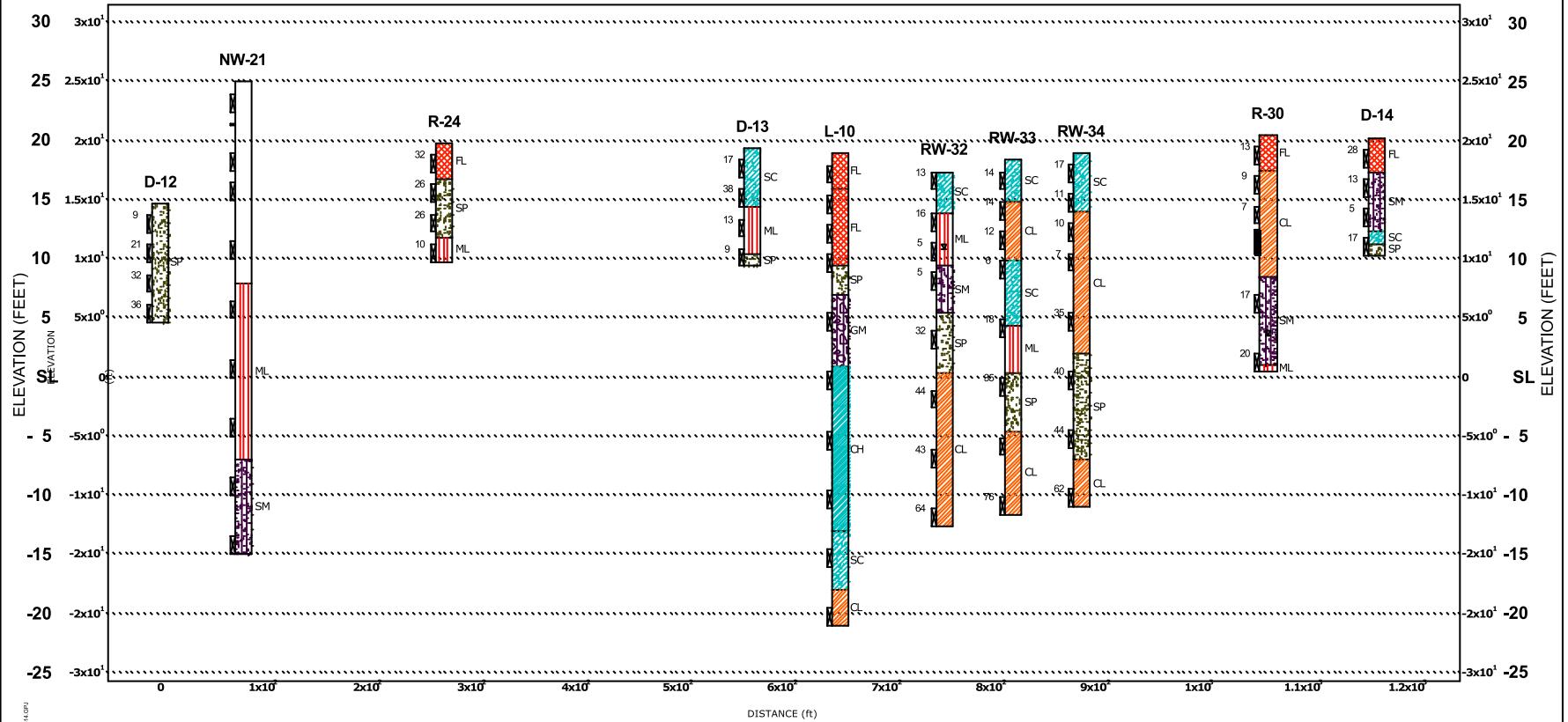
COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	Drawn:	Checked:	Shaded:
	Revisions				

West

103 - WOODROW WILSON BRIDGE 8-WEST

D-12_NW-21_R-24_D-13_L-10_RW-32_RW-33_RW-34_R-30_D-14_November 22nd, 2007, 12:37:23

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.				East	



THE SUBSURFACE INFORMATION SHOWN ON THE BORING LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS AT THE SITES WHERE THE BORINGS WERE TAKEN. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN, AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER SPECULATIVE. FURTHER, THE DEPARTMENT DOES NOT IN ANY WAY GUARANTEE, EITHER EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES.

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Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

Legend:
Groundwater, initially encountered
Groundwater, stabilized
REC Recovery
ROQ Rock Quality Designation
21 N Value

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	Drawn	Date	Sheet No.
Revisions			Checked:		

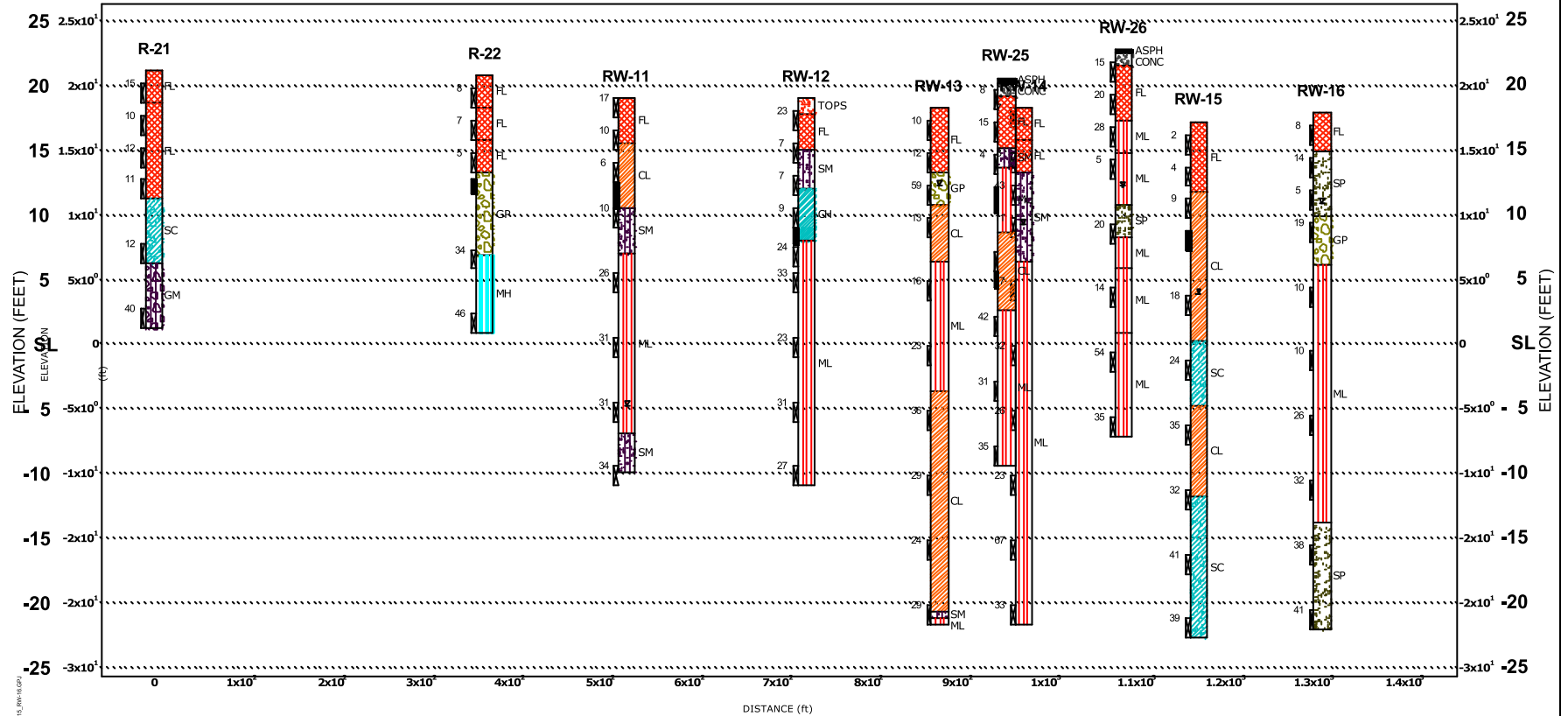
West

102 - WOODROW WILSON BRIDGE 7-WEST

R-21_R-22_RW-11_RW-12_RW-13_RW-25_RW-14_RW-26_RW-15_RW-16_November 21st, 2007, 23:29:13

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.					

East



THE SUBSURFACE INFORMATION SHOWN ON THE BORING LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS AT THE SITES WHERE THE BORINGS WERE TAKEN. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN; AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER SPECULATIVE. FURTHER, THE DEPARTMENT DOES NOT IN ANY WAY GUARANTEE, EITHER EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES.

THE BORING LOGS ARE MADE AVAILABLE TO BIDDERS IN ORDER THAT THEY MAY HAVE ACCESS TO SUBSURFACE DATA IDENTICAL TO THOSE WHICH ARE POSSESSED BY THE DEPARTMENT, AND ARE NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INTERPRETATION AND JUDGMENT BY THE BIDDERS.

Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

- Legend:
- Groundwater, initially encountered
 - Groundwater, stabilized
 - REC Recovery
 - RGD Rock Quality Designation
 - 21 N Value

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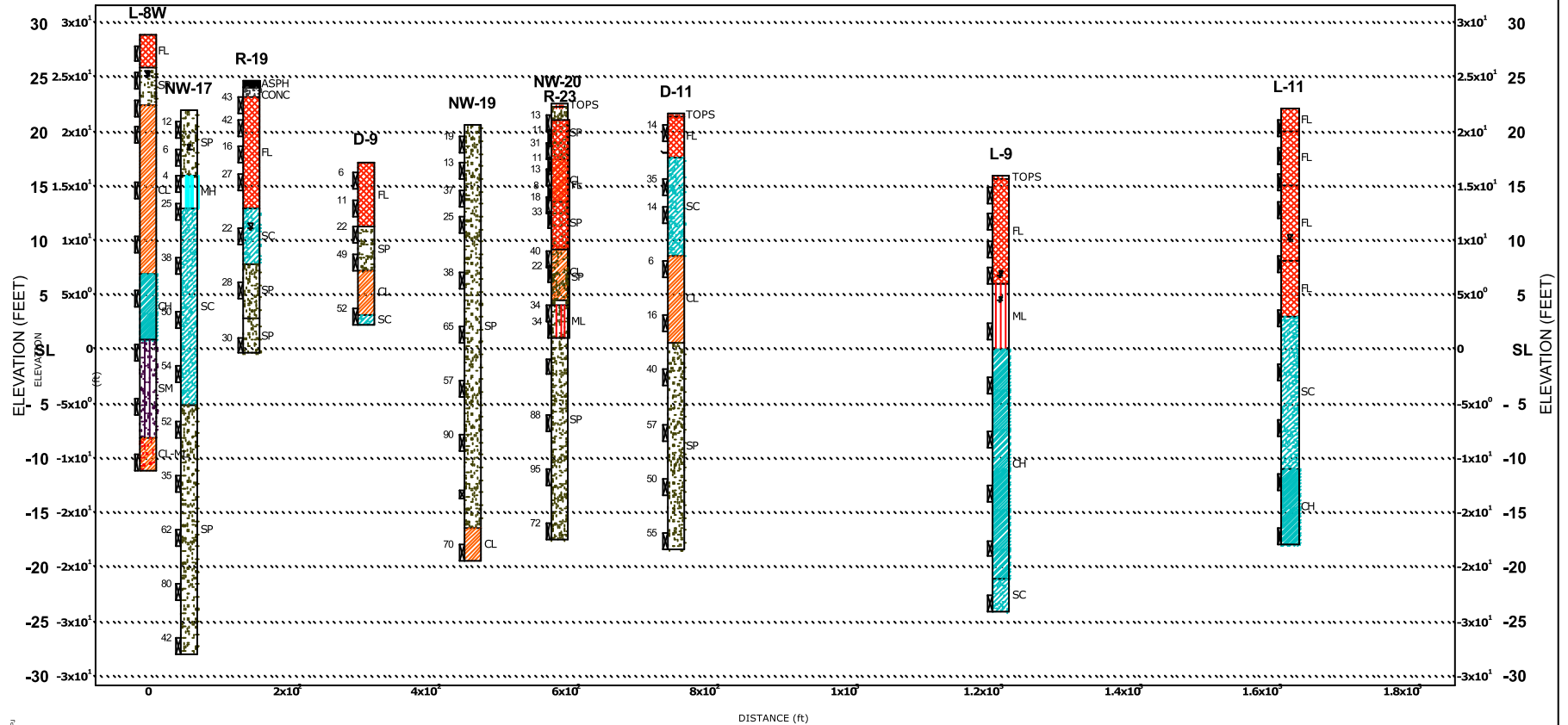
COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	DATE	DATE	DATE
Revisions			Checked:	Checked:	Checked:

West

101 - WOODROW WILSON BRIDGE 6-WEST

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.					East

L-8W_NW-17_R-19_D-9_NW-19_NW-20_R-23_D-11_L-9_L-11_November 21st, 2007, 23:25:33



THE SUBSURFACE INFORMATION SHOWN ON THE BORING LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS AT THE SITES WHERE THE BORINGS WERE TAKEN. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN, AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER SPECULATIVE. FURTHER, THE DEPARTMENT DOES NOT IN ANY WAY GUARANTEE, EITHER EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES.

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Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

- Legend:
- Groundwater, initially encountered
 - Groundwater, stabilized
 - REC Recovery
 - RQD Rock Quality Designation
 - N Value

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	Used:	Date	Port No.
Revisions			Drawn:		
			Checked:		

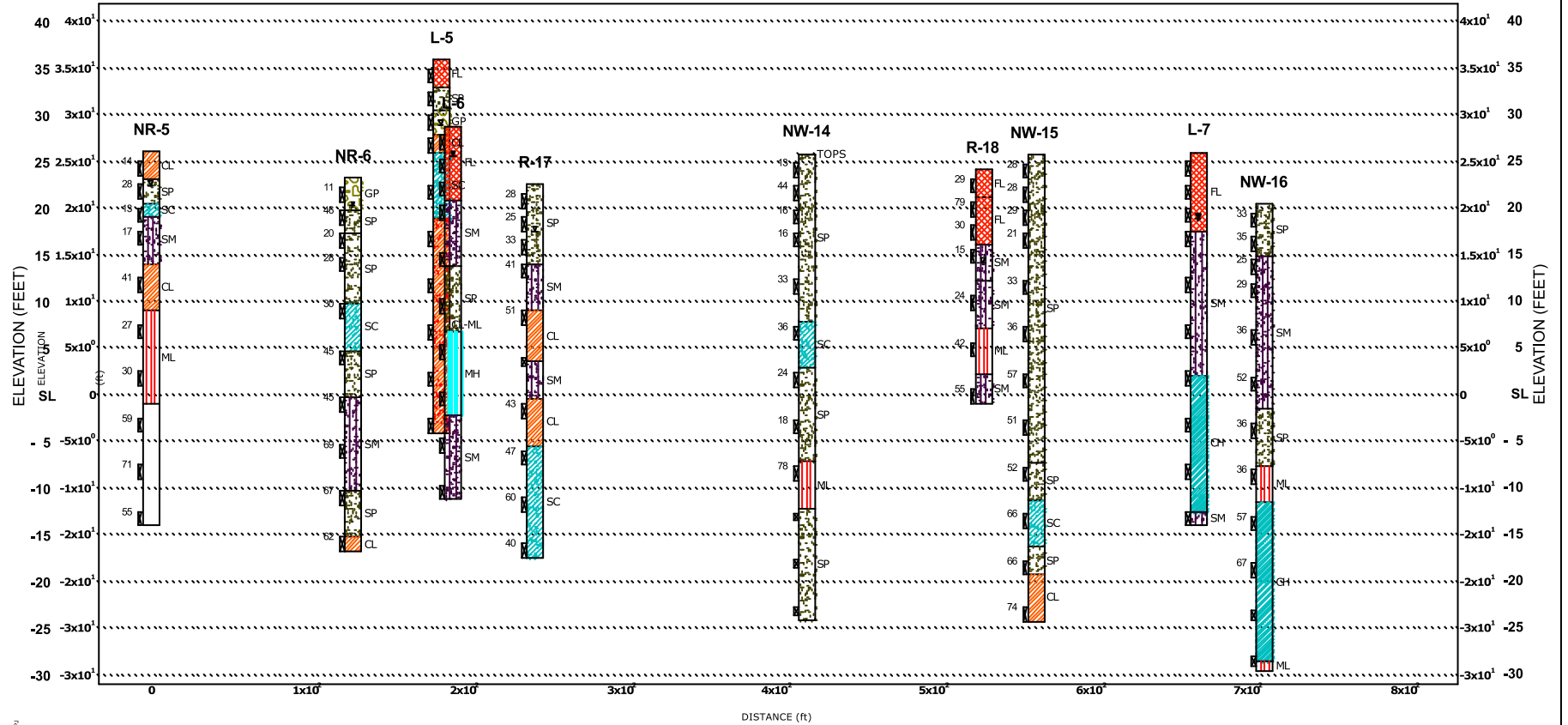
0007, Commonwealth of Virginia

West

100 - WOODROW WILSON BRIDGE 5-WEST

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.					East

NR-5_NR-6_L-6_L-5_R-17_NW-14_NW-15_R-18_L-7_NW-16_November 21st, 2007, 23:21:58



100-5_West_NR-5_NR-6_L-6_L-5_R-17_NW-14_NW-15_R-18_L-7_NW-16_November 21st, 2007, 23:21:58

THE SUBSURFACE INFORMATION SHOWN ON THE BORING LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS AT THE SITES WHERE THE BORINGS WERE TAKEN. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN; AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER SPECULATIVE. FURTHER, THE DEPARTMENT DOES NOT IN ANY WAY GUARANTEE, EITHER EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES.

THE BORING LOGS ARE MADE AVAILABLE TO BIDDERS IN ORDER THAT THEY MAY HAVE ACCESS TO SUBSURFACE DATA IDENTICAL TO THOSE WHICH ARE POSSESSED BY THE DEPARTMENT, AND ARE NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INTERPRETATION AND JUDGMENT BY THE BIDDERS.

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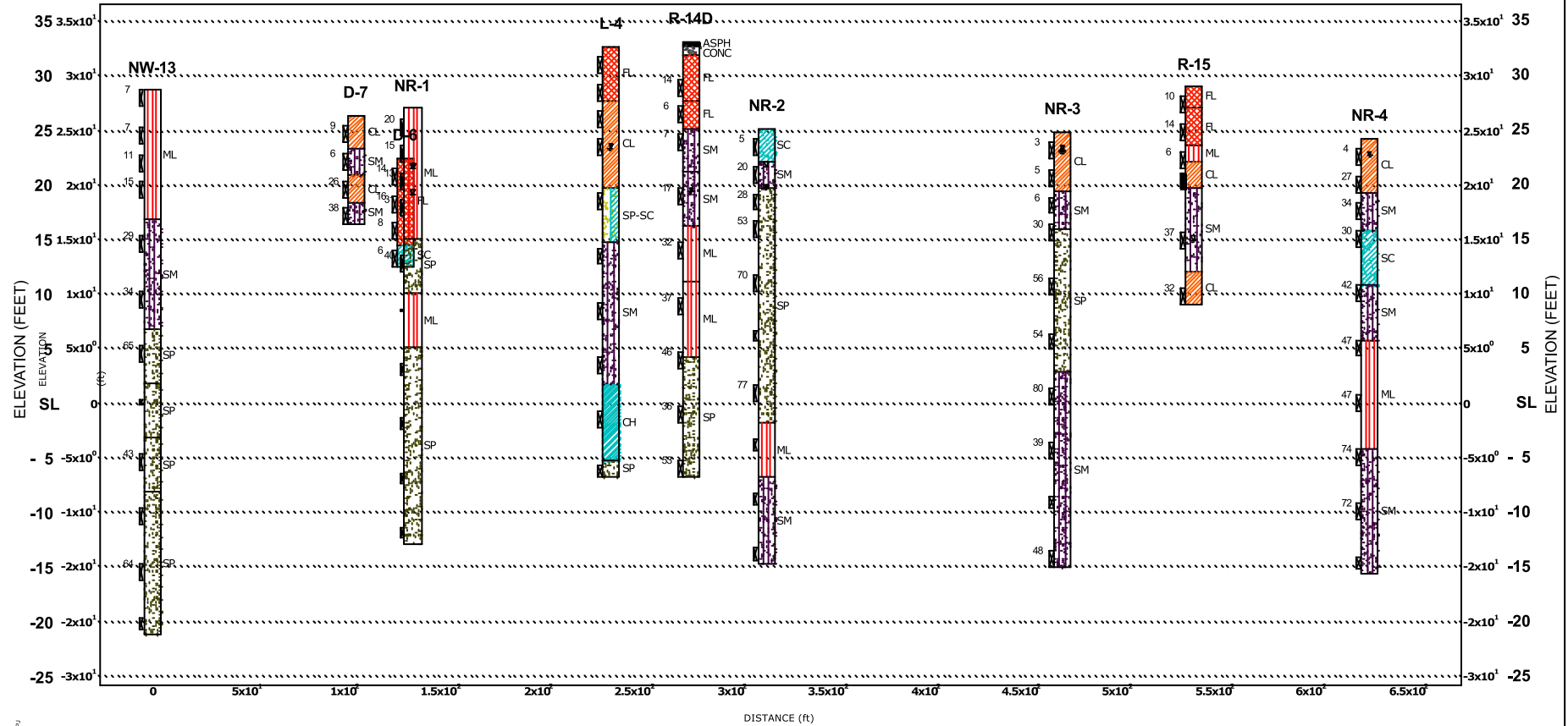
COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework) ENGINEERING GEOLOGY					
No.	Description	Date	Drawn	Checked	Revised
	Revisions				

West

99 - WOODROW WILSON BRIDGE 4-WEST

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.					East

NW-13_D-7_NR-1_D-6_L-4_R-14D_NR-2_NR-3_R-15_NR-4_November 21st, 2007, 23:18:05



Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

Legend:
■ Groundwater, initially encountered
■ Groundwater, stabilized
REC Recovery
RQD Rock Quality Designation
21 N Value

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	Unit	Date	Part No.
Revisions			Drawn:		Order No.
			Checked:		

1007, Commonwealth of Virginia

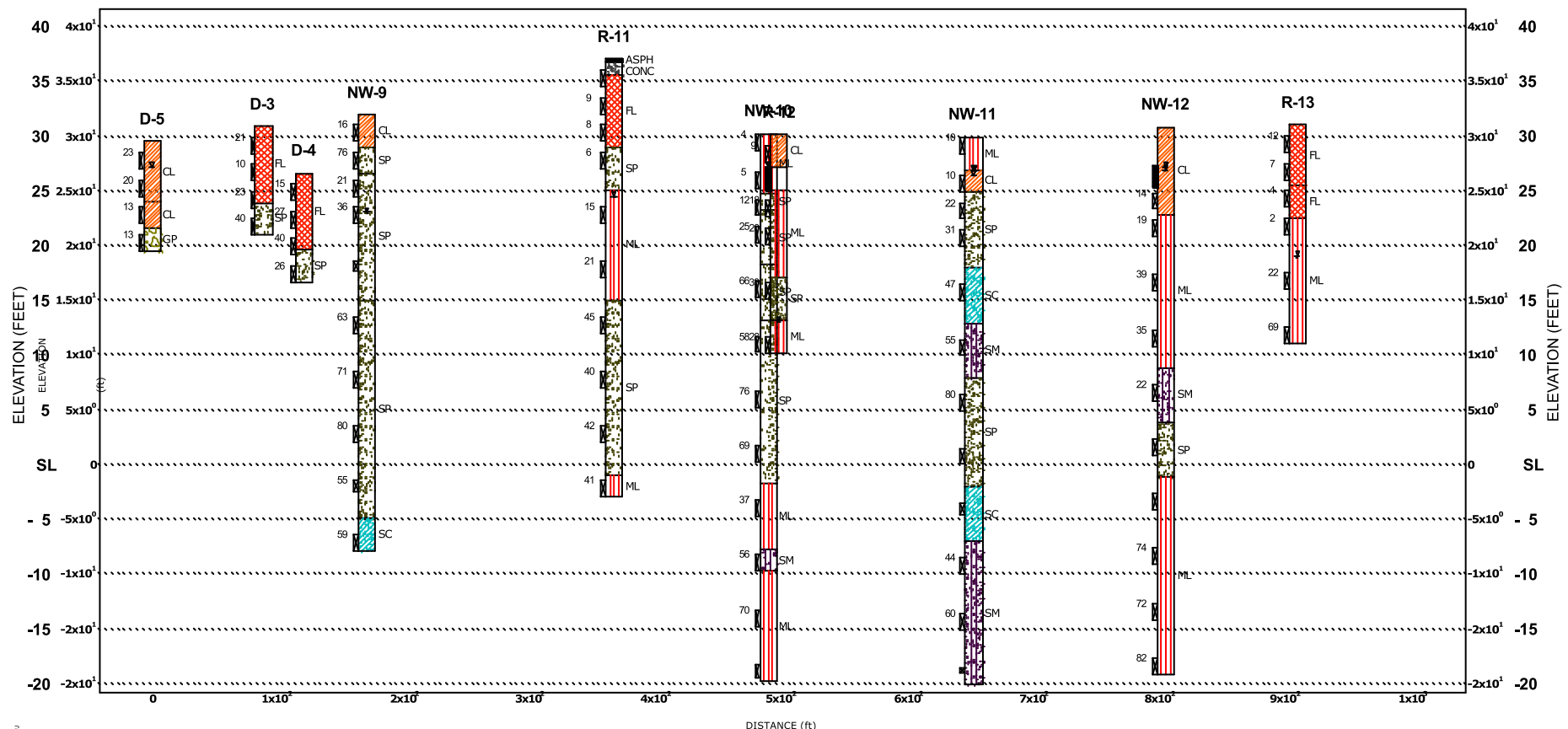
FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.					

West

98 - WOODROW WILSON BRIDGE 3-WEST

East

D-5_D-3_D-4_NW-9_R-11_R-12_NW-10_NW-11_NW-12_R-13_November 21st, 2007, 23:12:31



0007288
D-5_D-3_D-4_NW-9_R-11_R-12_NW-10_NW-11_NW-12_R-13.DWG

THE SUBSURFACE INFORMATION SHOWN ON THE BORING LOGS IN THESE PLANS WAS OBTAINED WITH REASONABLE CARE AND RECORDED IN GOOD FAITH SOLELY FOR USE BY THE DEPARTMENT IN ESTABLISHING DESIGN CONTROLS FOR THE PROJECT. THE DEPARTMENT HAS NO REASON TO SUSPECT THAT SUCH INFORMATION IS NOT REASONABLY ACCURATE AS AN APPROXIMATE INDICATION OF THE SUBSURFACE CONDITIONS AT THE SITES WHERE THE BORINGS WERE TAKEN. THE DEPARTMENT DOES NOT IN ANY WAY WARRANT OR GUARANTEE THAT SUCH DATA CAN BE PROJECTED AS INDICATIVE OF CONDITIONS BEYOND THE LIMITS OF THE BORINGS SHOWN, AND ANY SUCH PROJECTIONS BY BIDDERS ARE PURELY INTERPRETIVE AND ALTOGETHER SPECULATIVE. FURTHER, THE DEPARTMENT DOES NOT IN ANY WAY GUARANTEE, EITHER EXPRESSLY OR BY IMPLICATION, THE SUFFICIENCY OF THE INFORMATION FOR BID PURPOSES.

THE BORING LOGS ARE MADE AVAILABLE TO BIDDERS IN ORDER THAT THEY MAY HAVE ACCESS TO SUBSURFACE DATA IDENTICAL TO THOSE WHICH ARE POSSESSED BY THE DEPARTMENT, AND ARE NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INTERPRETATION AND JUDGMENT BY THE BIDDERS.

- Notes: See borehole logs for complete data.
See Material and Sample Symbols List.
- Legend:
- Groundwater, initially encountered
 - Groundwater, stabilized
 - REC Recovery
 - RQD Rock Quality Designation
 - Z1 N Value

2007, Commonwealth of Virginia

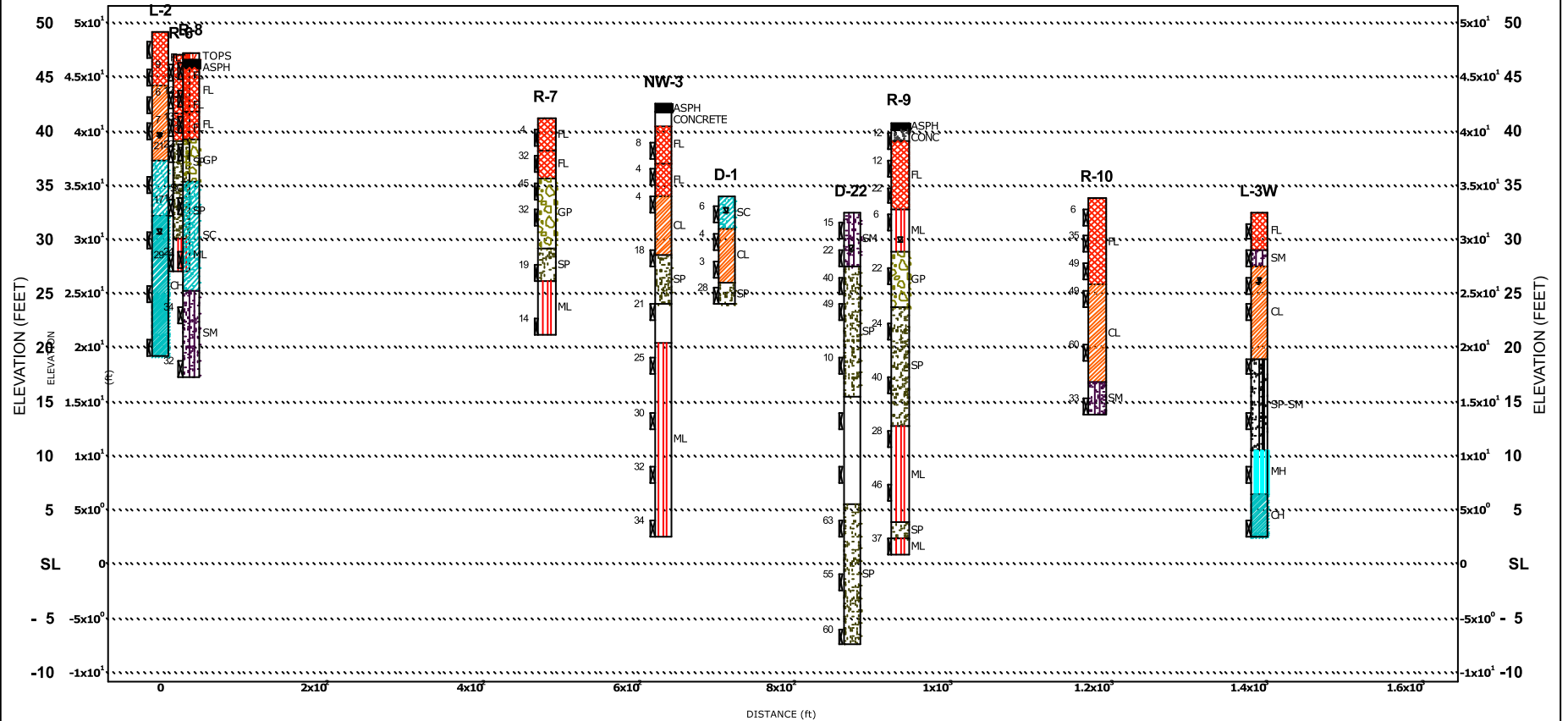
COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	Drawn:	Date	Printed:
Revisions			Checked:		Sheet No.

West

97 - WOODROW WILSON BRIDGE 2-WEST

FYHA REGION	STATE	FEDERAL AID	STATE	SHEET NO.
3	VA.	ROUTE PROJECT	ROUTE PROJECT	East

R-8_L-2_R-6_R-7_NW-3_D-1_D-22_R-9_R-10_L-3W_November 21st, 2007, 23:09:48



Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

Legend:
Groundwater, initially encountered
Groundwater, stabilized
REC Recovery
RQD Rock Quality Designation
21 N Value

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION MATERIALS DIVISION (Fence Diagram Generated by GDBMS Framework) ENGINEERING GEOLOGY					
No.	Description	Date	Drawn	Date	PRINT NO.
Revisions		Checked:			

2007, Commonwealth of Virginia

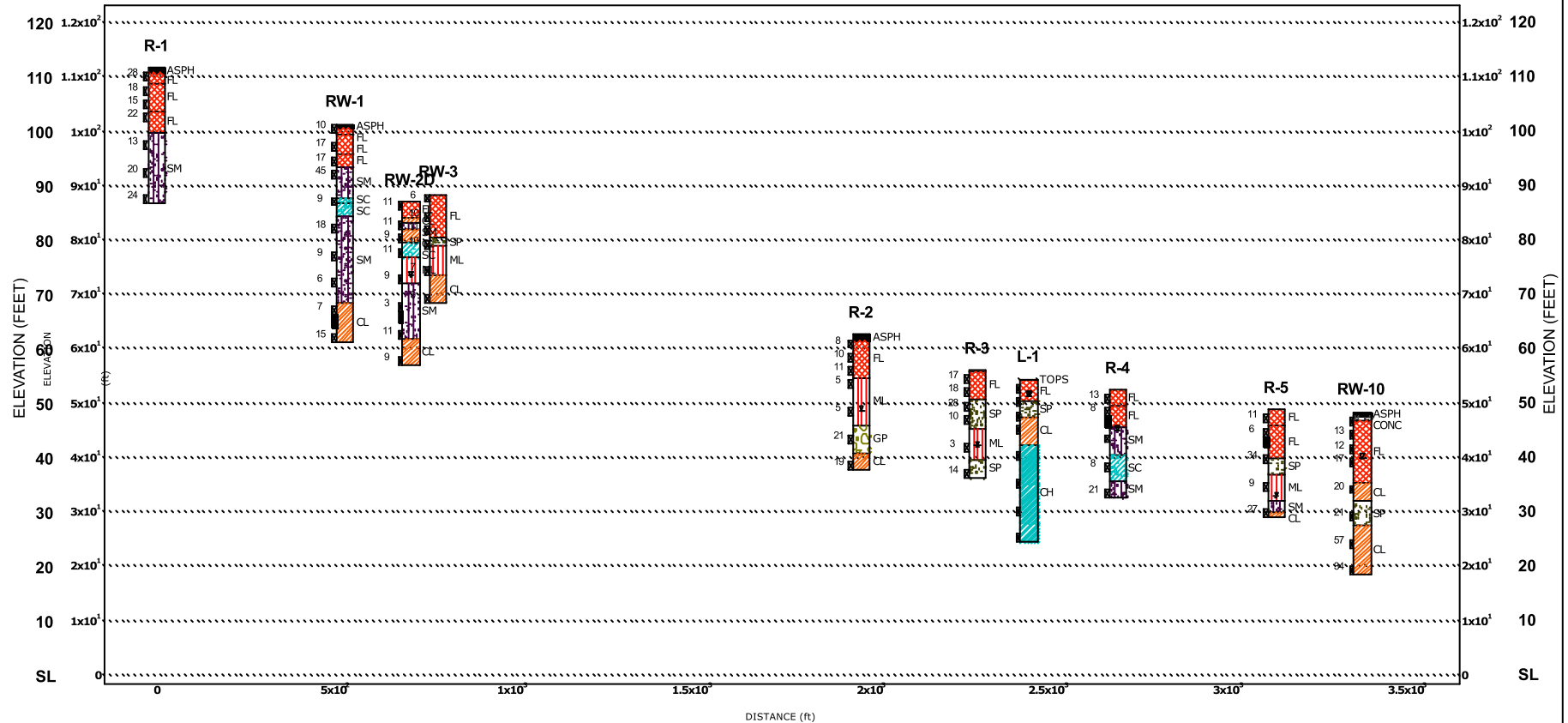
West

96 - WOODROW WILSON BRIDGE 1-WEST

FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.					

East

R-1_RW-1_RW-2D_RW-3_R-2_R-3_L-1_R-4_R-5_RW-10_November 21st, 2007, 23:05:14



Notes: See borehole logs for complete data.
See Material and Sample Symbols List.

Legend:

- Groundwater, initially encountered
- Groundwater, stabilized
- Recovery
- Rock Quality Designation
- N Value

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
MATERIALS DIVISION					
(Fence Diagram Generated by GDBMS Framework)					
ENGINEERING GEOLOGY					
No.	Description	Date	Drawn	Checked	Sheet No.
Revisions					

2007, Commonwealth of Virginia