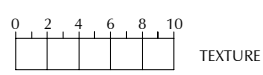
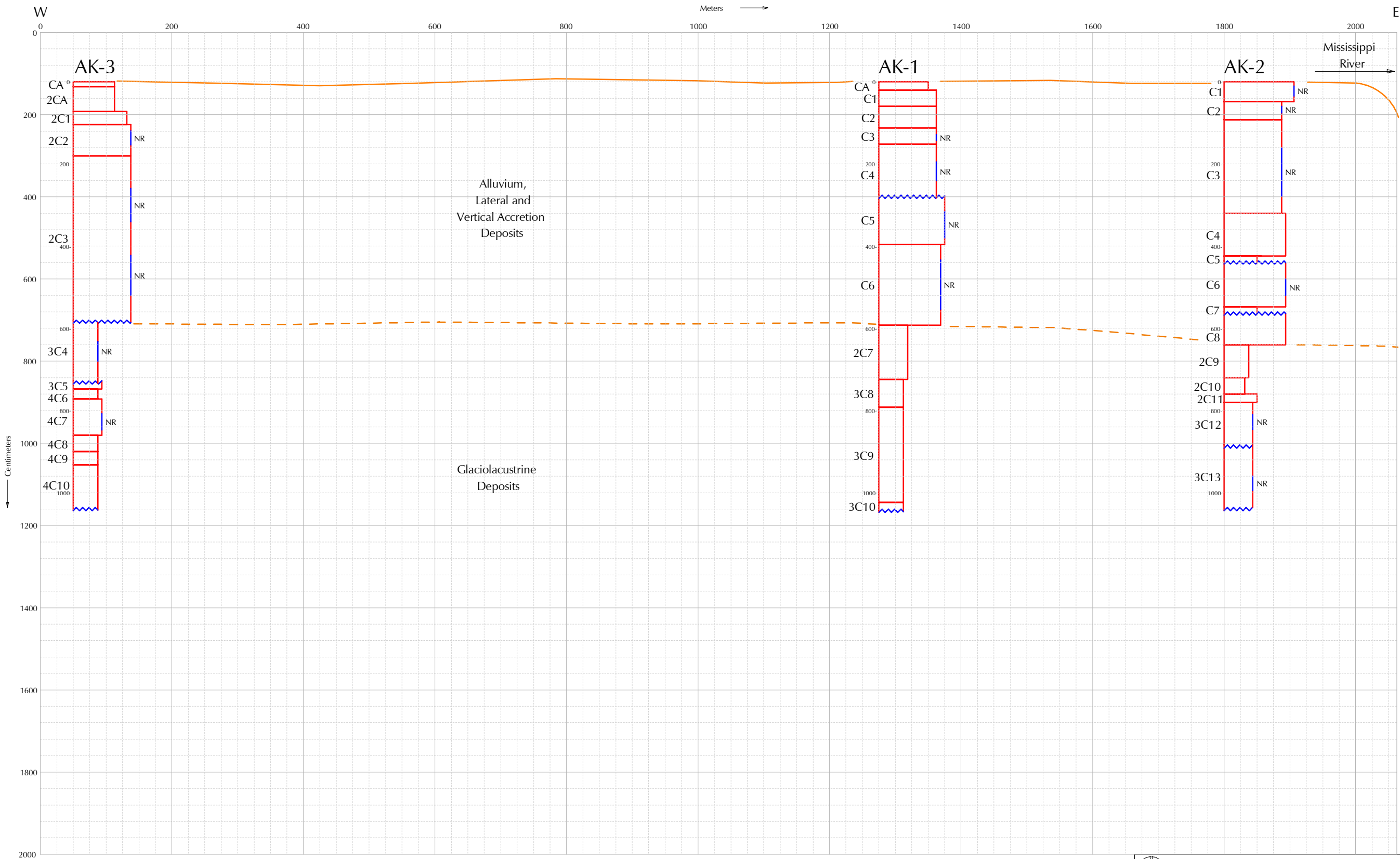


Elevation:
380 Meters
(1248 Feet)



- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel

LEGEND

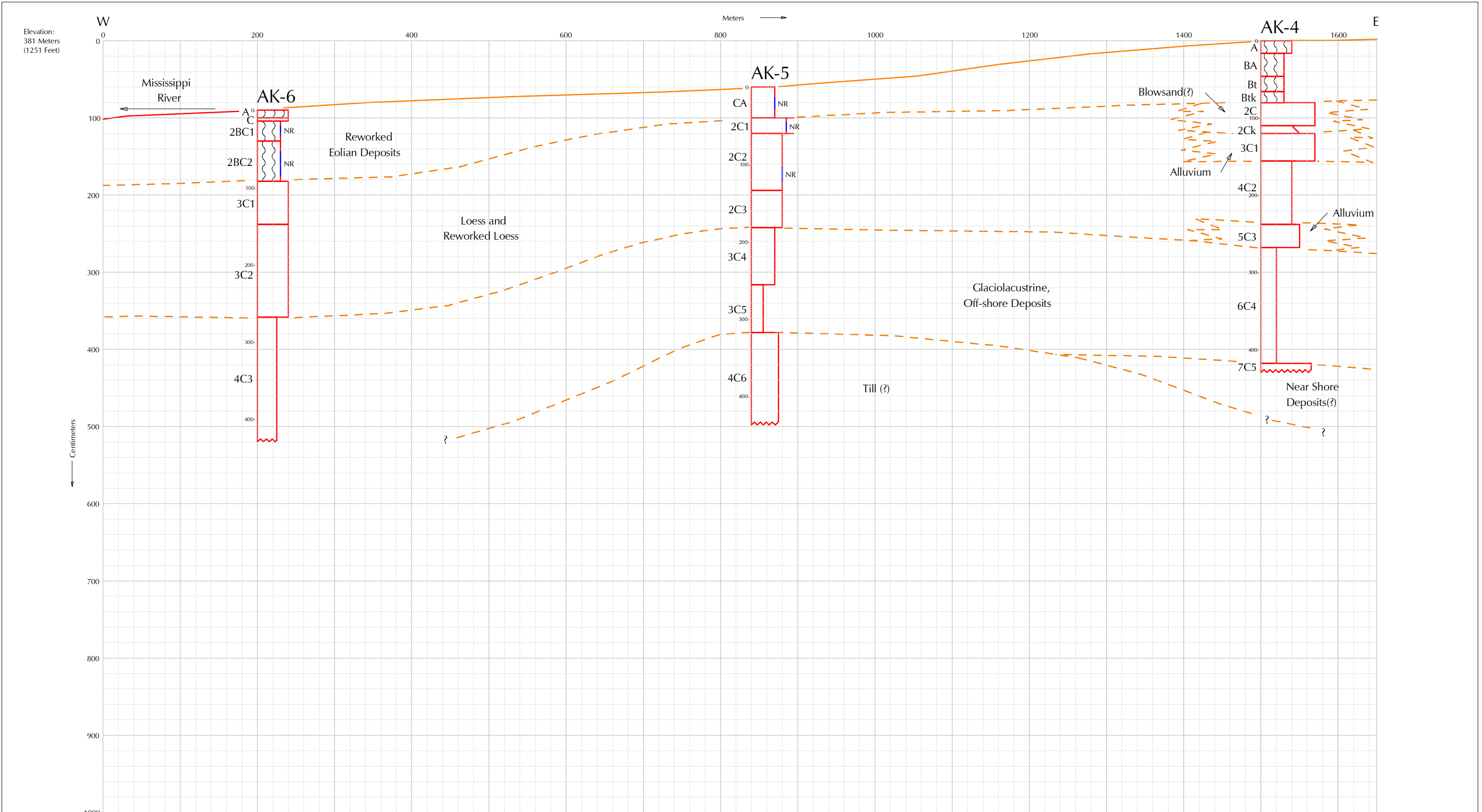
	Solum		Peat/ Organic Soil		Textures (See Chart at Left)
	NR		No Recovery		Break for Graphic Representation
	Plant Matter for C-14				Shells

MINNESOTA DEPARTMENT OF TRANSPORTATION

FIGURE E-20
BOAT LANDING ROAD - BALL BLUFF TOWNSHIP
SECTIONS 4&5, T52N, R23W

	Scale: AS SHOWN
	Date: 5/97

By: KEB

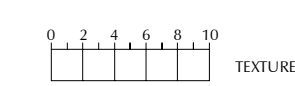


Elevation:
381 Meters
(1251 Feet)

W 0 100 200 300 400 500 600 700 800 900 1000 E

Meters →

Centimeters ↓



- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel

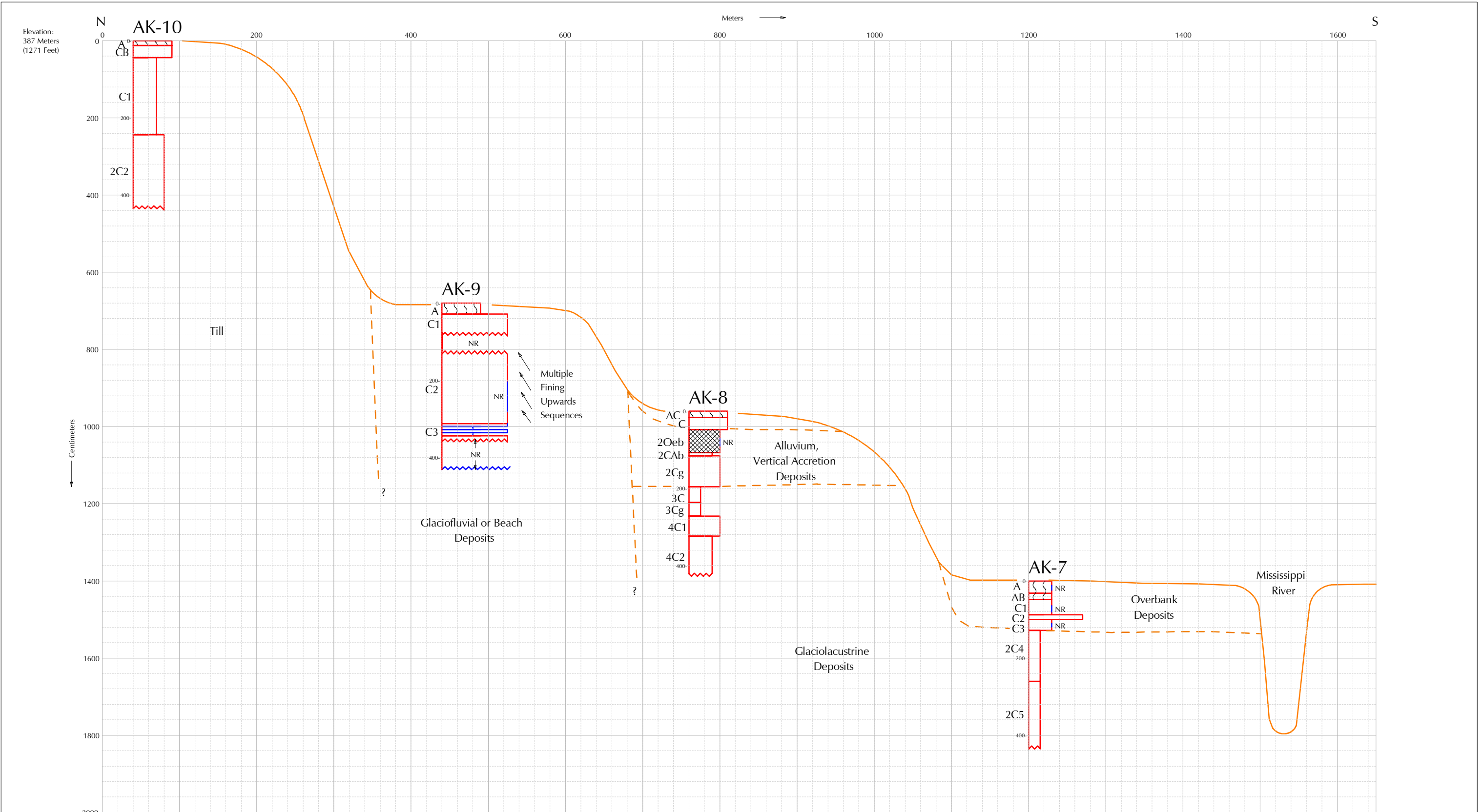
LEGEND

Solum	Peat/ Organic Soil	Textures (See Chart at Left)
NR No Recovery	Break for Graphic Representation	Shells
Plant Matter for C-14		

MINNESOTA DEPARTMENT OF TRANSPORTATION

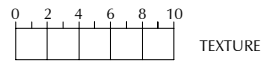
FIGURE E-21
MINIMUM MAINTENANCE ROAD, VERDON TOWNSHIP
SECTION 23, T51N, R24W

	Scale: AS SHOWN	
	Date: 5/97	By: KEB



Elevation:
387 Meters
(1271 Feet)

Centimeters



- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel

LEGEND

	Solum		Peat/ Organic Soil		Textures (See Chart at Left)
NR	No Recovery				Break for Graphic Representation
	Plant Matter for C-14				Shells

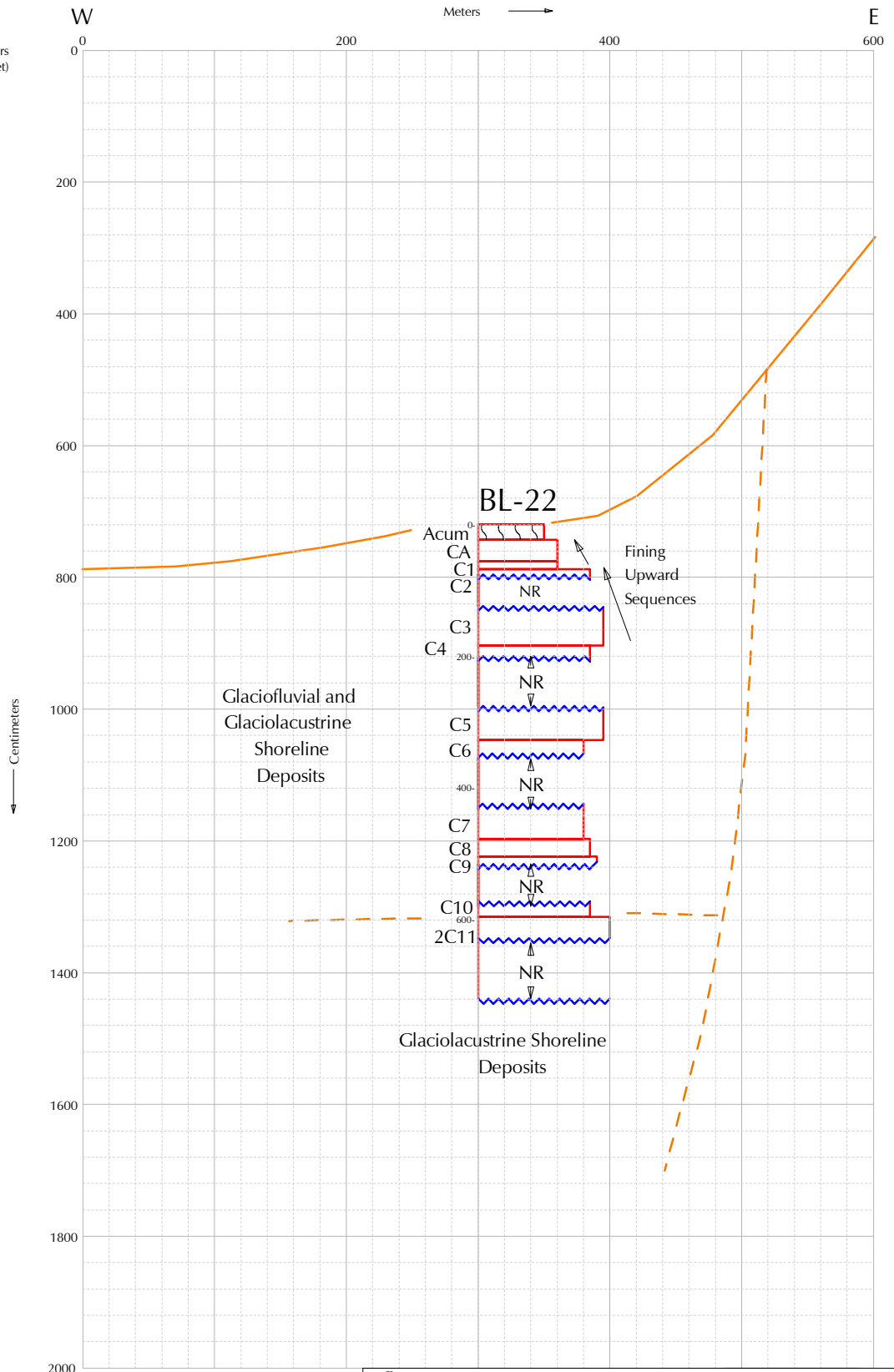
MINNESOTA DEPARTMENT OF TRANSPORTATION

FIGURE E-22

T.H.65 NORTH OF COUNTY ROAD 36
SEC.2, T50N, R24W; SEC.35, T51N, R24W

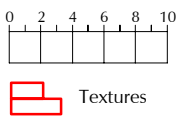
DEPARTMENT OF TRANSPORTATION UNITED STATES OF AMERICA	Scale: AS SHOWN	
	Date: 5/97	By: KEB

Elevation:
427 Meters
(1400 Feet)



TEXTURE

- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Silty Clay Loam, Clay Loam, or Sandy Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel



LEGEND

- Solum
- Peat/Organic Soil
- NR No Recovery
- Plant Matter for C-14
- Shells
- Break for Graphic Representation



MINNESOTA DEPARTMENT OF TRANSPORTATION

FIGURE E-23

COUNTY ROAD 8, EAST OF BEMIDJI
SECTION 14, T146N, R33W

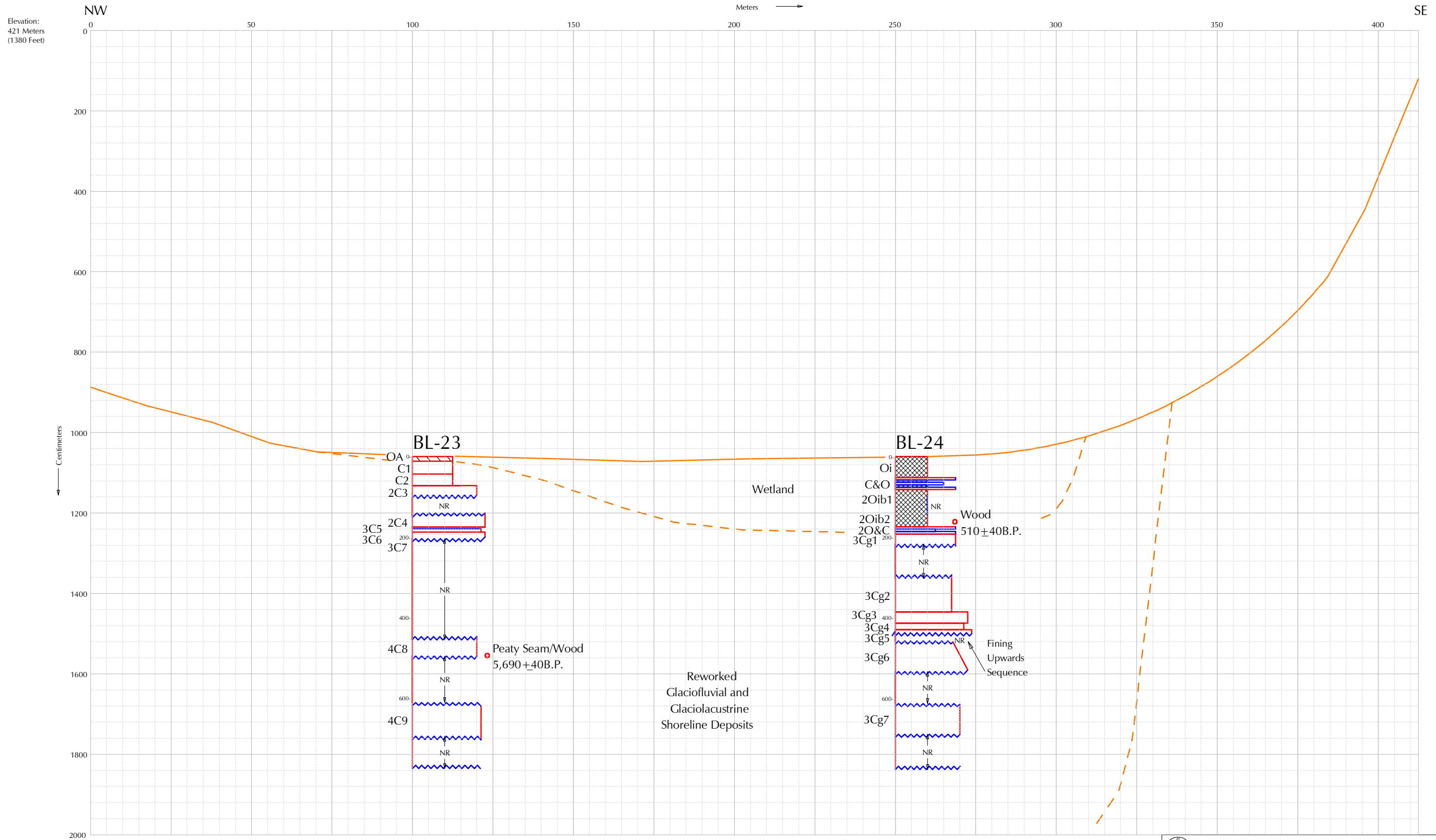


DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

Scale: AS SHOWN

Date: 06/97

By: KEB



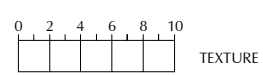
Elevation:
421 Meters
(1380 Feet)

NW

Meters →

SE

Centimeters ↓



- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel

LEGEND

	Solum		Peat/ Organic Soil		Textures (See Chart at Left)
	NR		No Recovery		Break for Graphic Representation
	Plant Matter for C-14				Shells

MINNESOTA DEPARTMENT OF TRANSPORTATION

FIGURE E-24

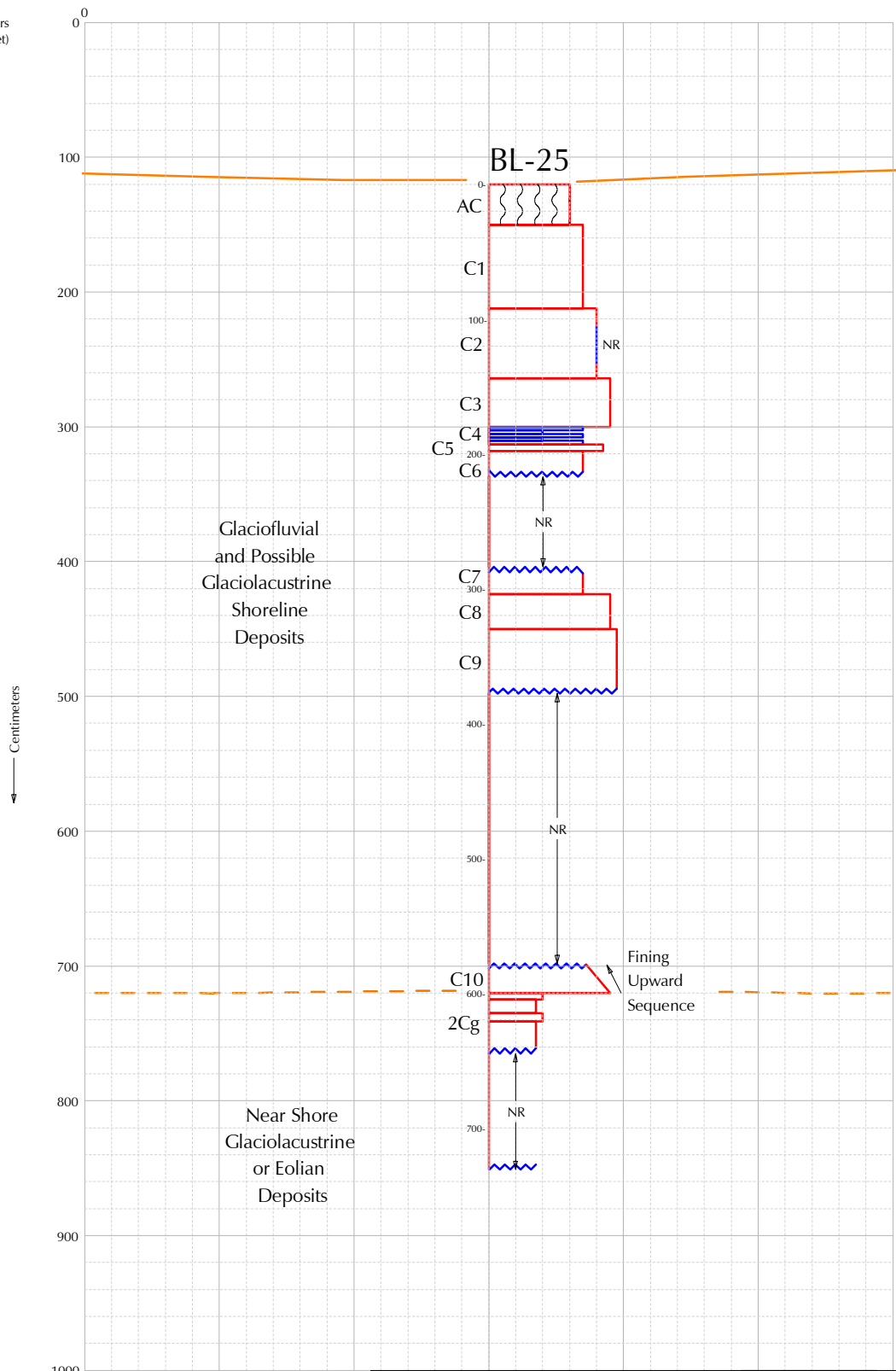
COUNTY ROAD 50, SE OF BEMIDJI
SECTION 26, T146N, R33W

DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

Scale: AS SHOWN
Date: 6/97
By: KEB

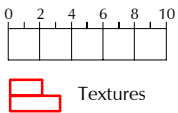
Elevation:
415 Meters
(1360 Feet)

Meters →



TEXTURE

- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Silty Clay Loam, Clay Loam, or Sandy Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel



LEGEND

- Solum
- Peat/Organic Soil
- NR No Recovery
- Plant Matter for C-14
- Shells
- Break for Graphic Representation



MINNESOTA DEPARTMENT OF TRANSPORTATION

FIGURE E-25

COUNTY ROAD 407 & COUNTY ROAD 12
SECTION 7, T146N, R32W

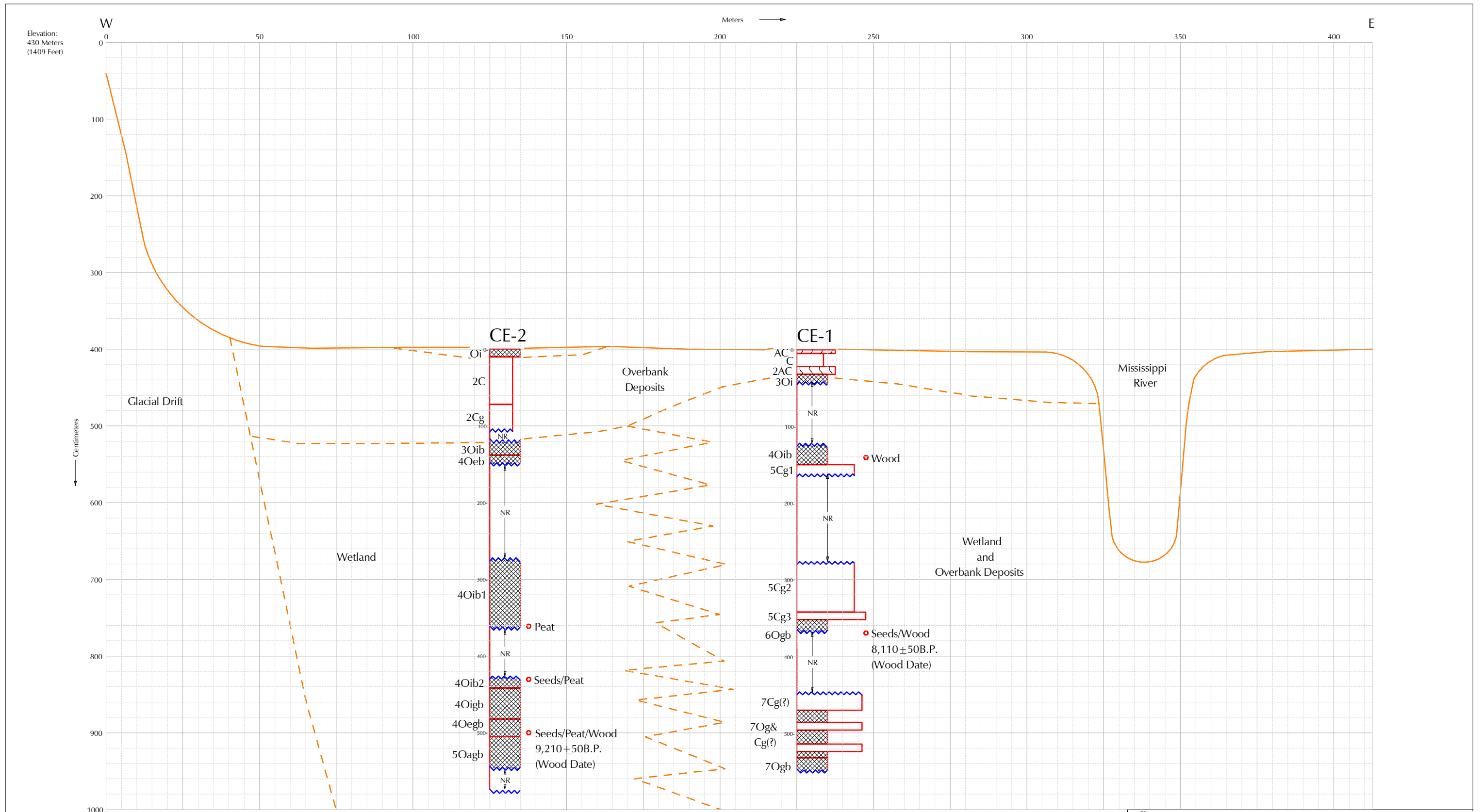


DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

Scale: AS SHOWN

Date: 06/97

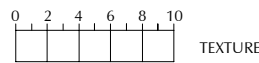
By: KEB



Elevation:
430 Meters
(1409 Feet)

Centimeters

Meters



- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel

LEGEND

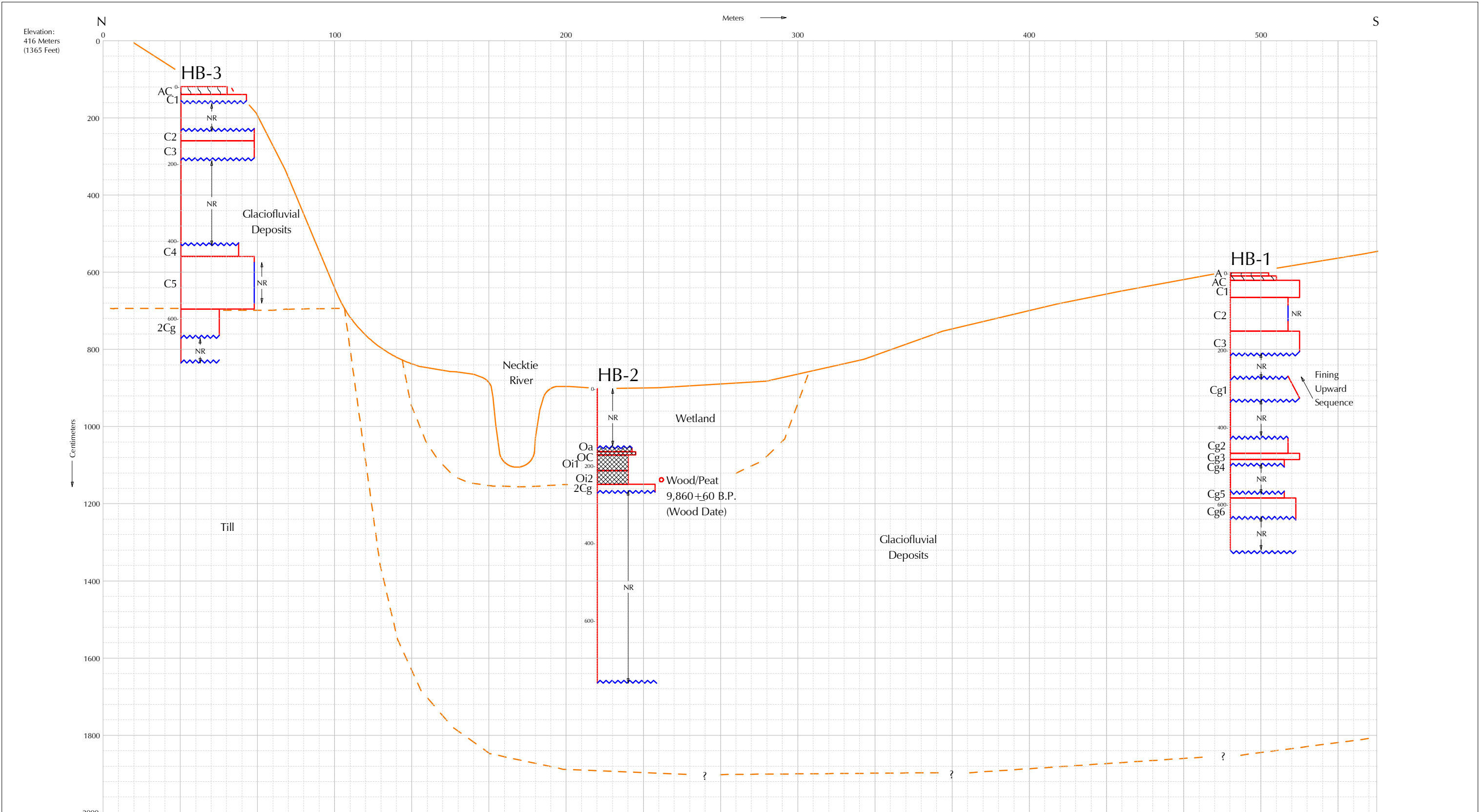
- Solum
- Peat/Organic Soil
- Textures (See Chart at Left)
- Break for Graphic Representation
- Shells
- No Recovery
- Plant Matter for C-14

MINNESOTA DEPARTMENT OF TRANSPORTATION

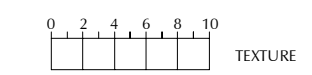
FIGURE E-26
COUNTY ROAD 40 OVER MISSISSIPPI RIVER
SECTION 35, T145N, R36W

DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

Scale: AS SHOWN
Date: 6/97
By: KEB



- 1 Clay or Sandy Clay
 2 Silty Clay
 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
 4 Silt Loam, Silt, Loam, or Peat
 5 Sandy Loam
 6 Loamy Sand
 7 Very Fine to Fine Sand
 8 Medium Sand
 9 Coarse Sand
 10 Gravel



LEGEND

- ~ ~ ~ Solum
- NR No Recovery
- Plant Matter for C-14
- ▨ Peat/Organic Soil
- ☉ Shells
- ☐ Textures (See Chart at Left)
- ⚡ Break for Graphic Representation

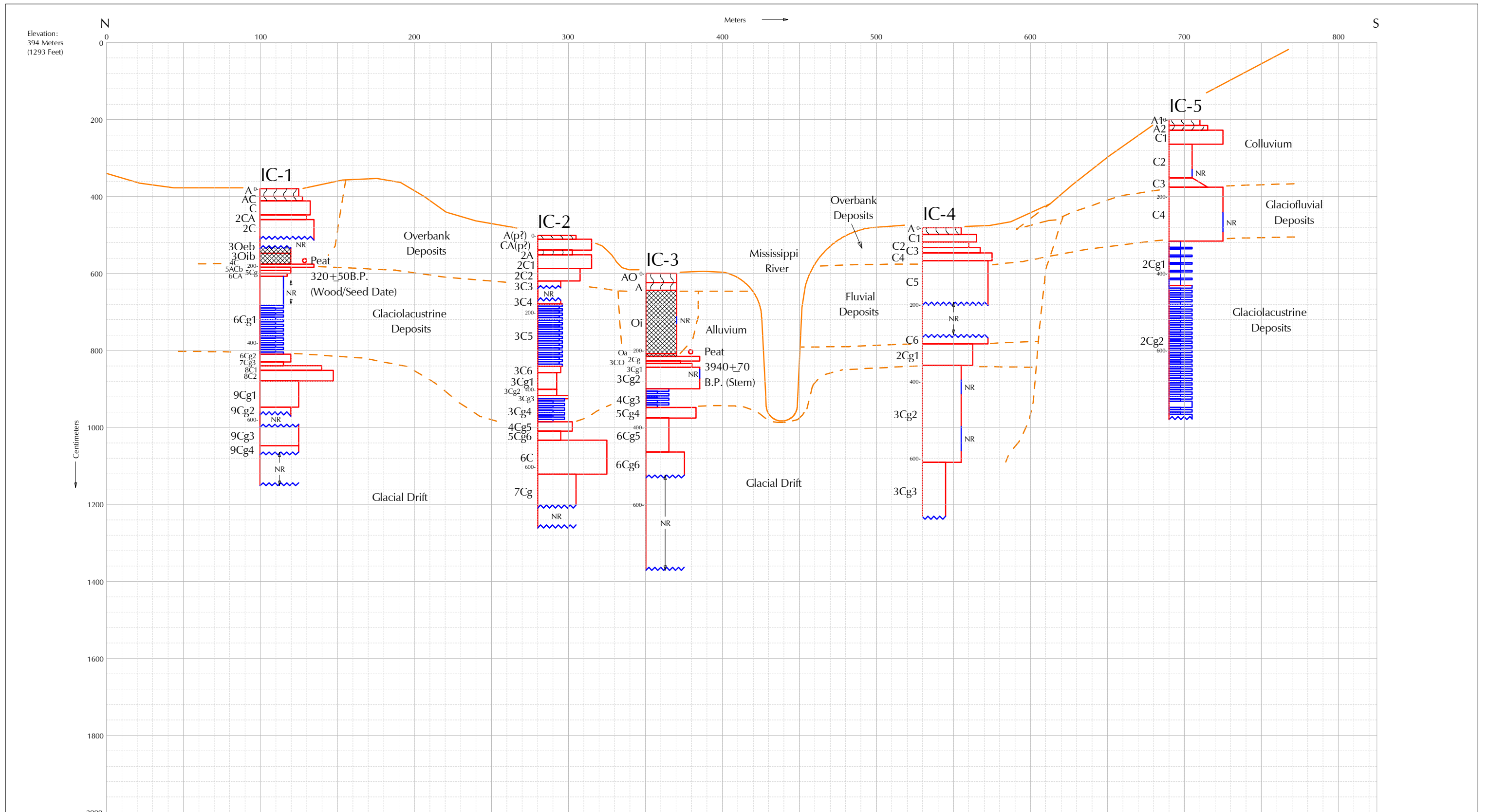
MINNESOTA DEPARTMENT OF TRANSPORTATION

FIGURE E-27

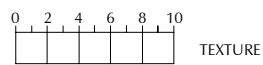
COUNTY ROAD 36 OVER NECKTIE RIVER
SECTION 1, T145N, R33W

DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

Scale: AS SHOWN
Date: 6/97
By: KEB



- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel



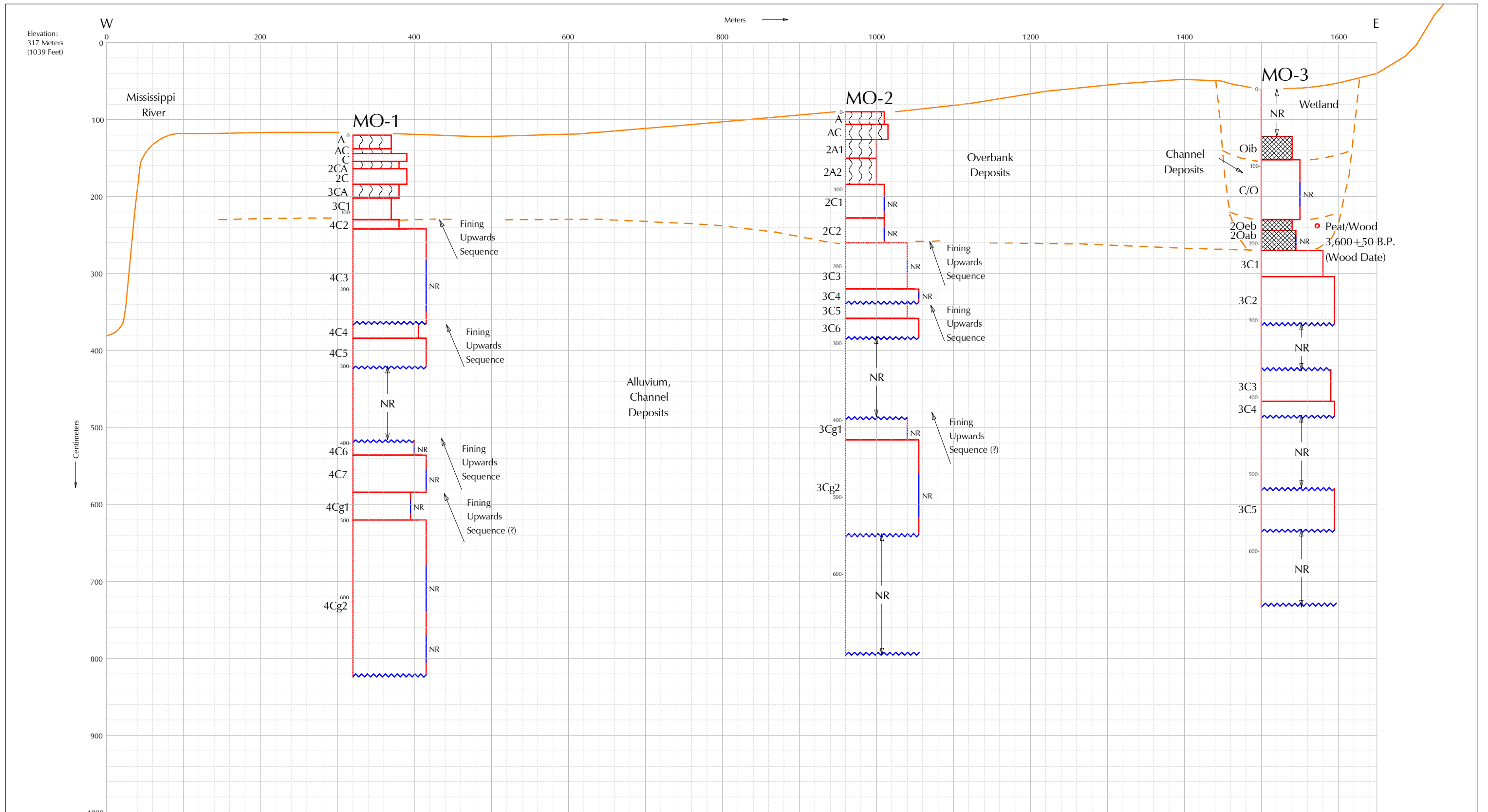
LEGEND

	Solum		Peat/ Organic Soil		Textures (See Chart at Left)
NR	No Recovery		Plant Matter for C-14		Break for Graphic Representation
			Shells		

MINNESOTA DEPARTMENT OF TRANSPORTATION

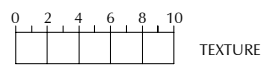
FIGURE E-28
T.H.6 OVER MISSISSIPPI RIVER
SECTION 22, T55N, R27W

DEPARTMENT OF TRANSPORTATION UNITED STATES OF AMERICA	Scale: AS SHOWN	Date: 6/97
		By: KEB



Elevation:
317 Meters
(1039 Feet)

Centimeters



- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel

LEGEND

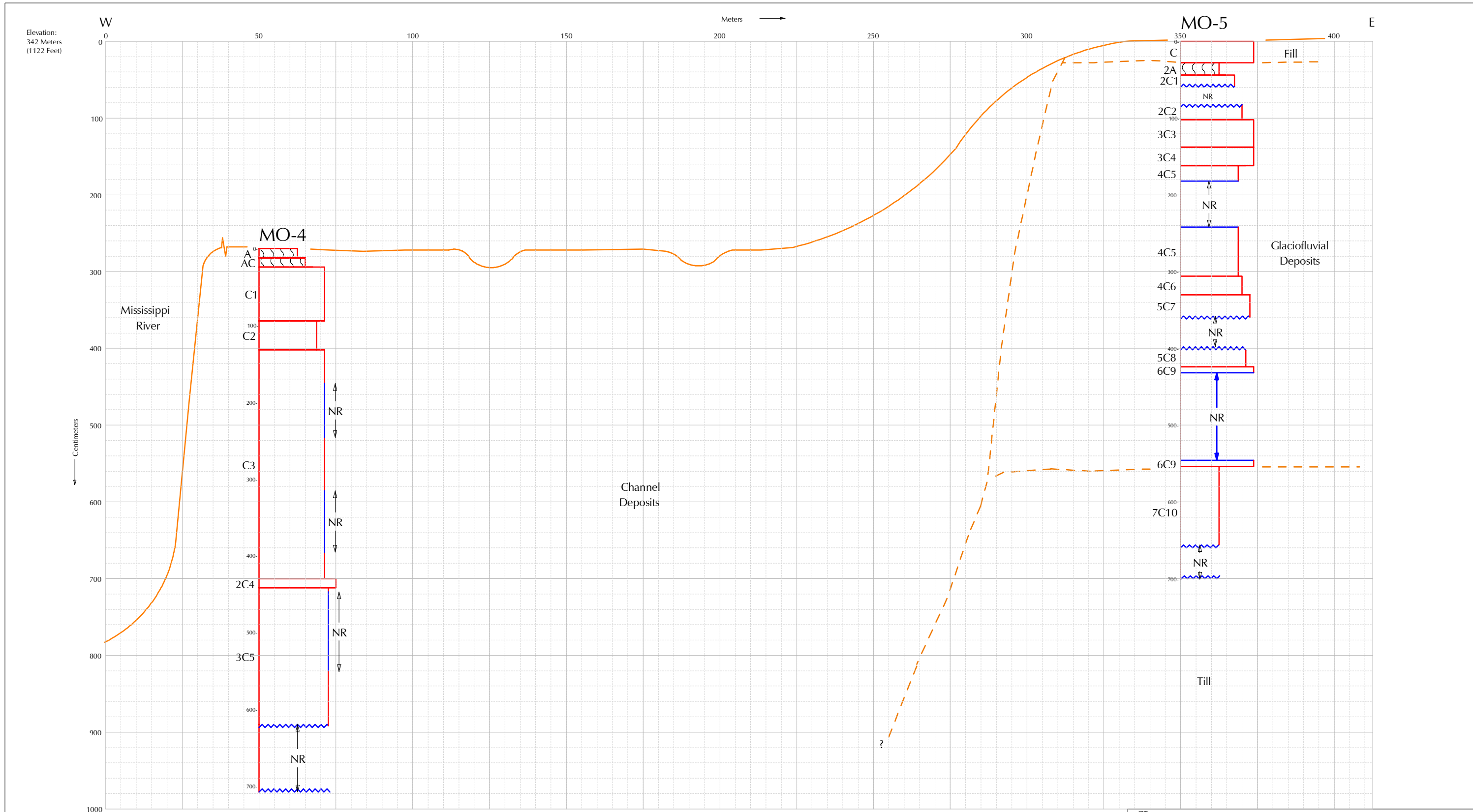
Solum No Recovery Plant Matter for C-14	Peat/Organic Soil	Textures (See Chart at Left) Break for Graphic Representation Shells
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MINNESOTA DEPARTMENT OF TRANSPORTATION

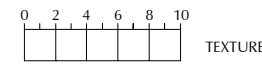
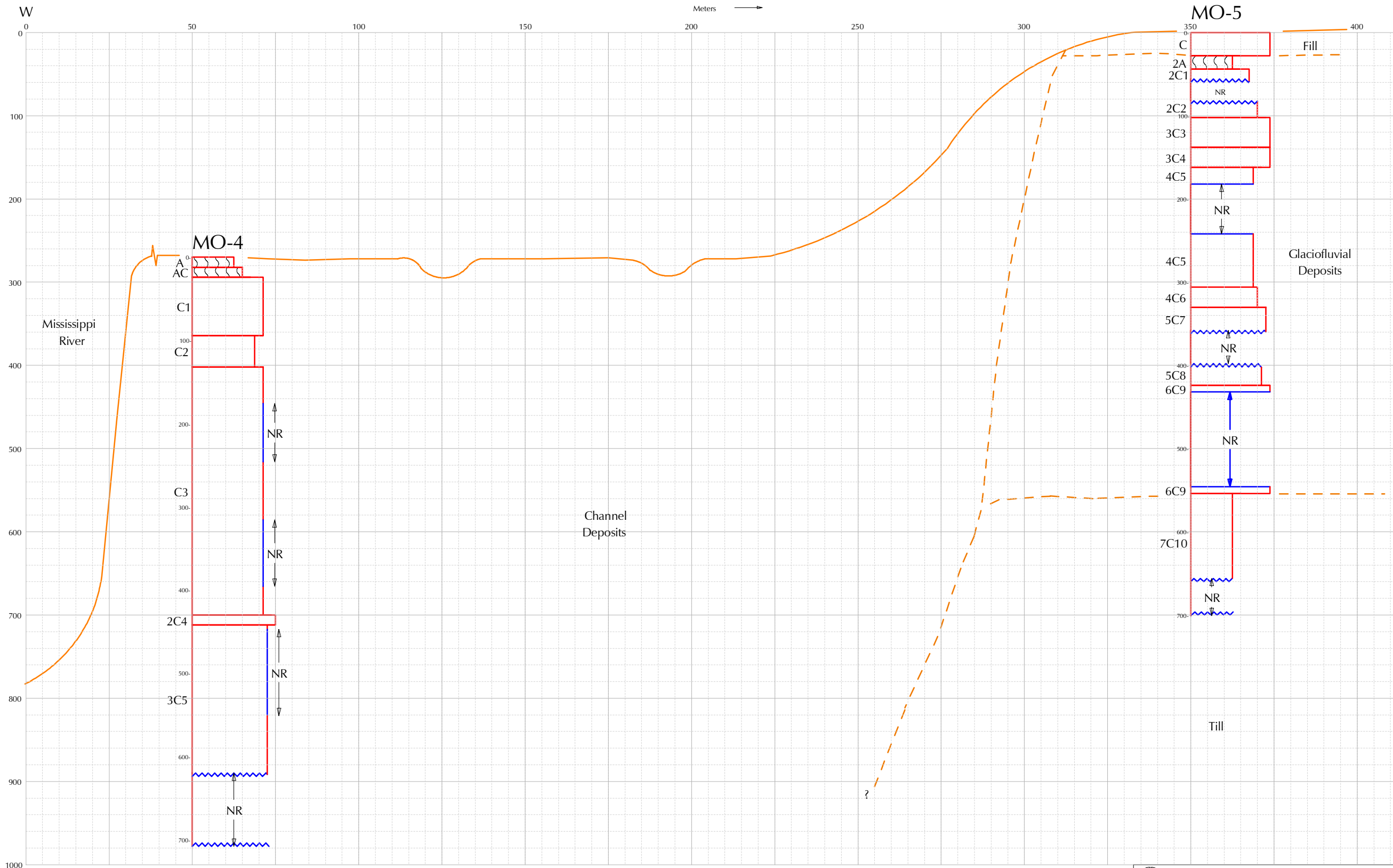
FIGURE E-29

COUNTY ROAD 26 OVER MISSISSIPPI RIVER
SECTIONS 32&33, T39N, R32W

DEPARTMENT OF TRANSPORTATION UNITED STATES OF AMERICA	Scale: AS SHOWN Date: 5/97 By: KEB
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Elevation:
342 Meters
(1122 Feet)



- 1 Clay or Sandy Clay
- 2 Silty Clay
- 3 Sandy Clay Loam, Silty Clay Loam, or Clay Loam
- 4 Silt Loam, Silt, Loam, or Peat
- 5 Sandy Loam
- 6 Loamy Sand
- 7 Very Fine to Fine Sand
- 8 Medium Sand
- 9 Coarse Sand
- 10 Gravel

LEGEND

Solum	Peat/ Organic Soil	Textures (See Chart at Left)
NR No Recovery	Break for Graphic Representation	Shells
Plant Matter for C-14		

MINNESOTA DEPARTMENT OF TRANSPORTATION

FIGURE E-30
T.H.10 OVER MISSISSIPPI RIVER
SECTION 27, T41, R32W

DEPARTMENT OF TRANSPORTATION UNITED STATES OF AMERICA	Scale: AS SHOWN
	Date: 5/97

By: KEB

FIG-E30.DGN