Figure 2.5-35—{Boring Location Map CCNPP 3}

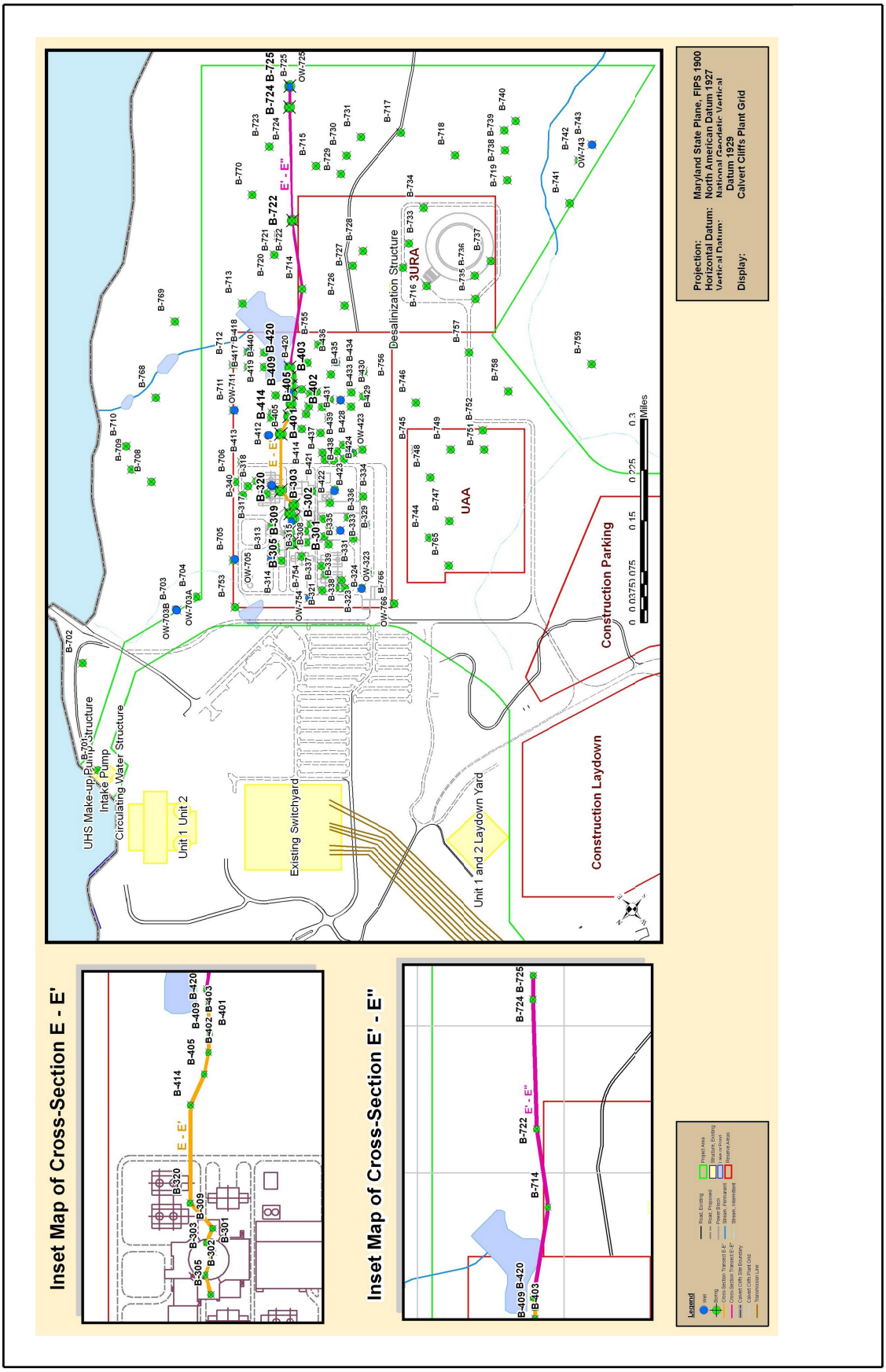

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Figure 2.5-36—{CCNPP Site Specific Stratigraphic Column}

ERA	PERIOD	EPOCH		AGE (Ma)	UNIT	THICKNESS (FT)
Cenozoic	Quarter-nary	Holocene		0.01	**Alluvium & Beach Deposits**	0-50
		Pleistocene		1.8	**Terrace & Lowland Deposits**	
	Tertiary	Pliocene		5.3	**Upland Deposits**	0-50
		Miocene	Upper	11.2		
			Middle	16.4	**Chesapeake Group** St. Marys Formation Choptank Formation Calvert Formation	245-280
		Eocene	Middle	49	**Piney Point Formation**	20
			Lower	54.8	**Nanjemoy Formation**	180
		Paleocene	Upper	61	**Marlboro Clay** **Aquia Formation**	165-170
			Lower	65	**Brightseat Formation**	10-20
Mesozoic	Cretaceous	Upper		99	**Magothy, Monmouth, Matawan Formations undifferentiated**	30?
		Lower		144	**Potomac Group** **Patapsco Formation** **Arundel/Patuxent Formations (undivided)**	1000-1100 750-900
Proterozoic/ Paleozoic				543+	**Metamorphic/Igneous**	

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Figure 2.5-37—{Boring B-301, Caliper, Natural Gamma, Resistivity and SP Logs}

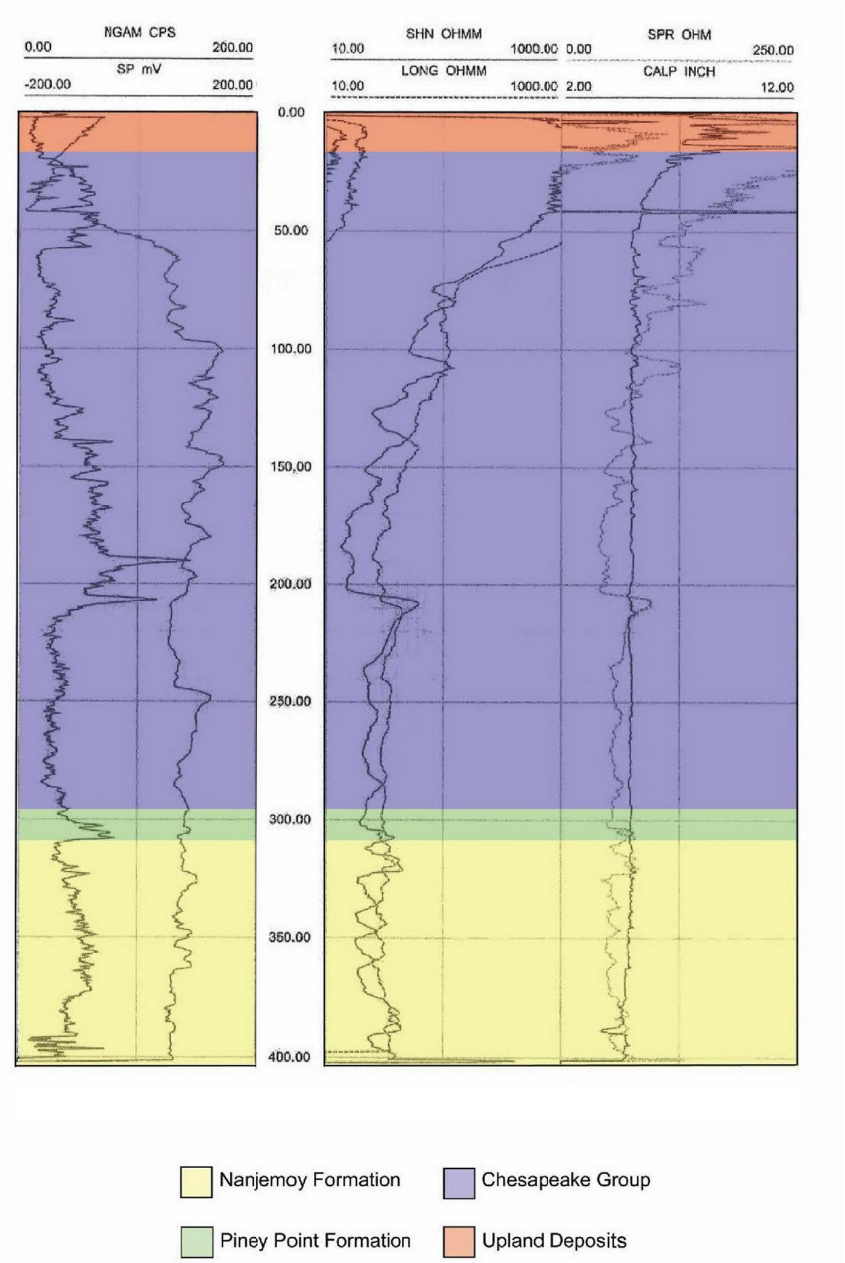
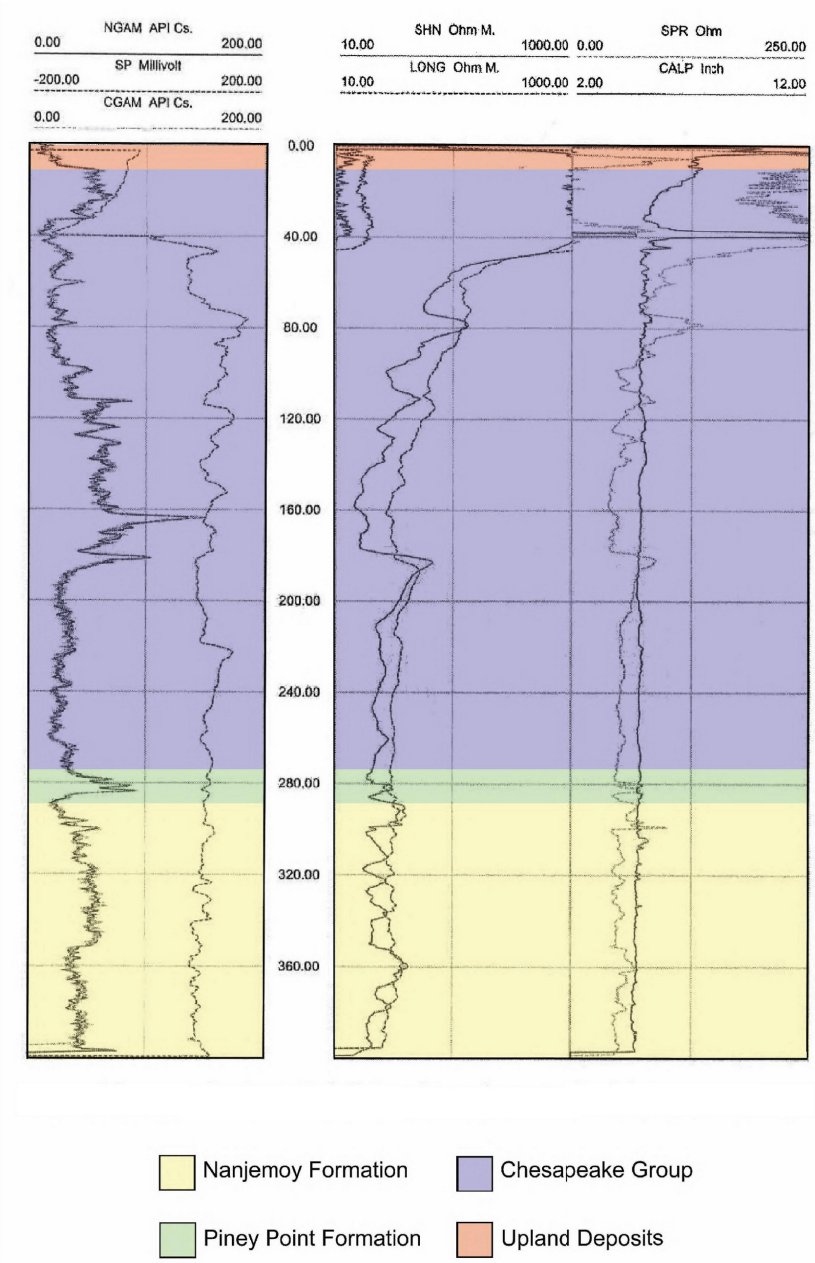


Figure 2.5-38—{Boring B-401, Caliper, Natural Gamma, Resistivity and SP Logs}



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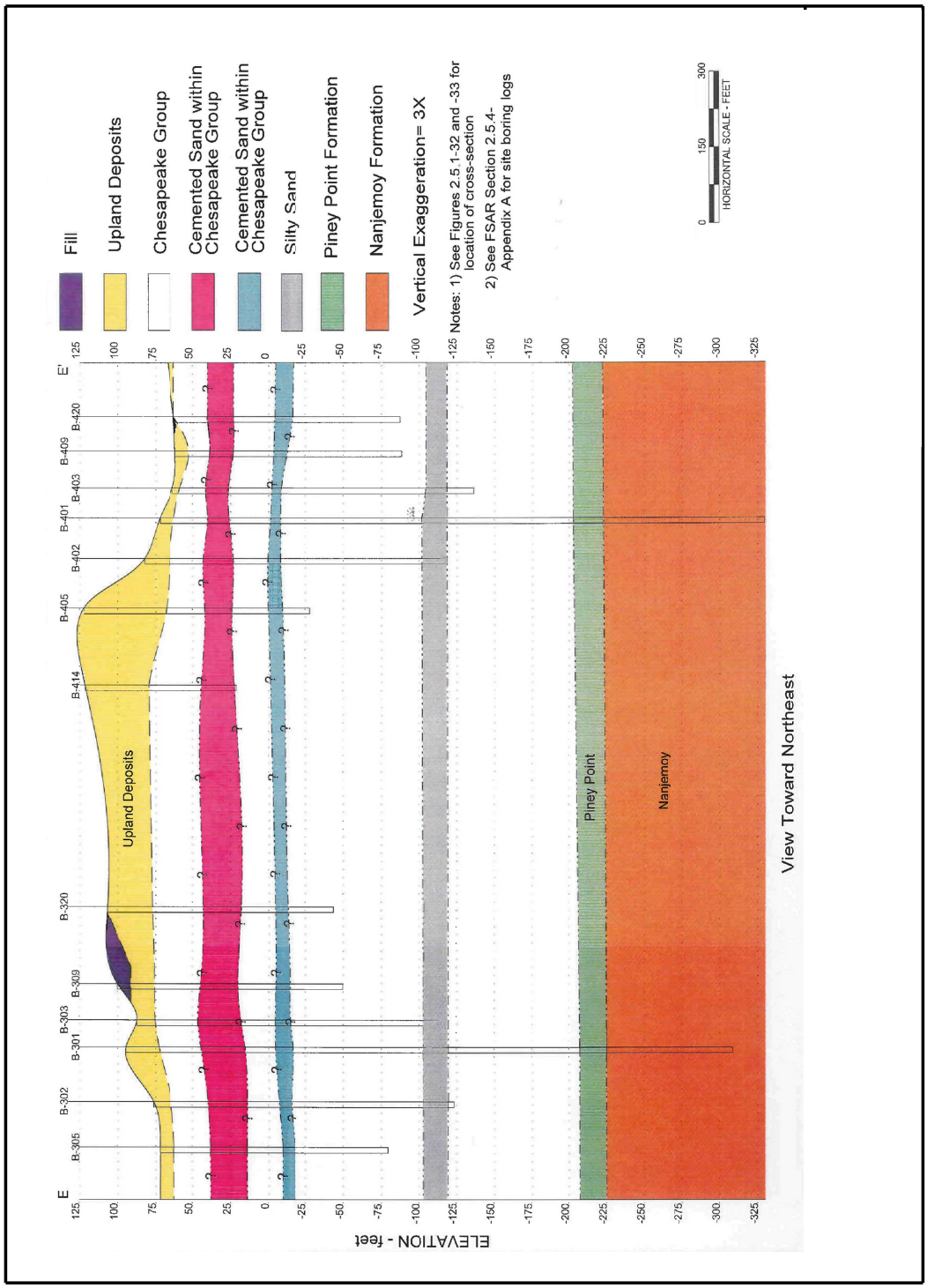

Figure 2.5-39—{Subsurface Profile E-E'}

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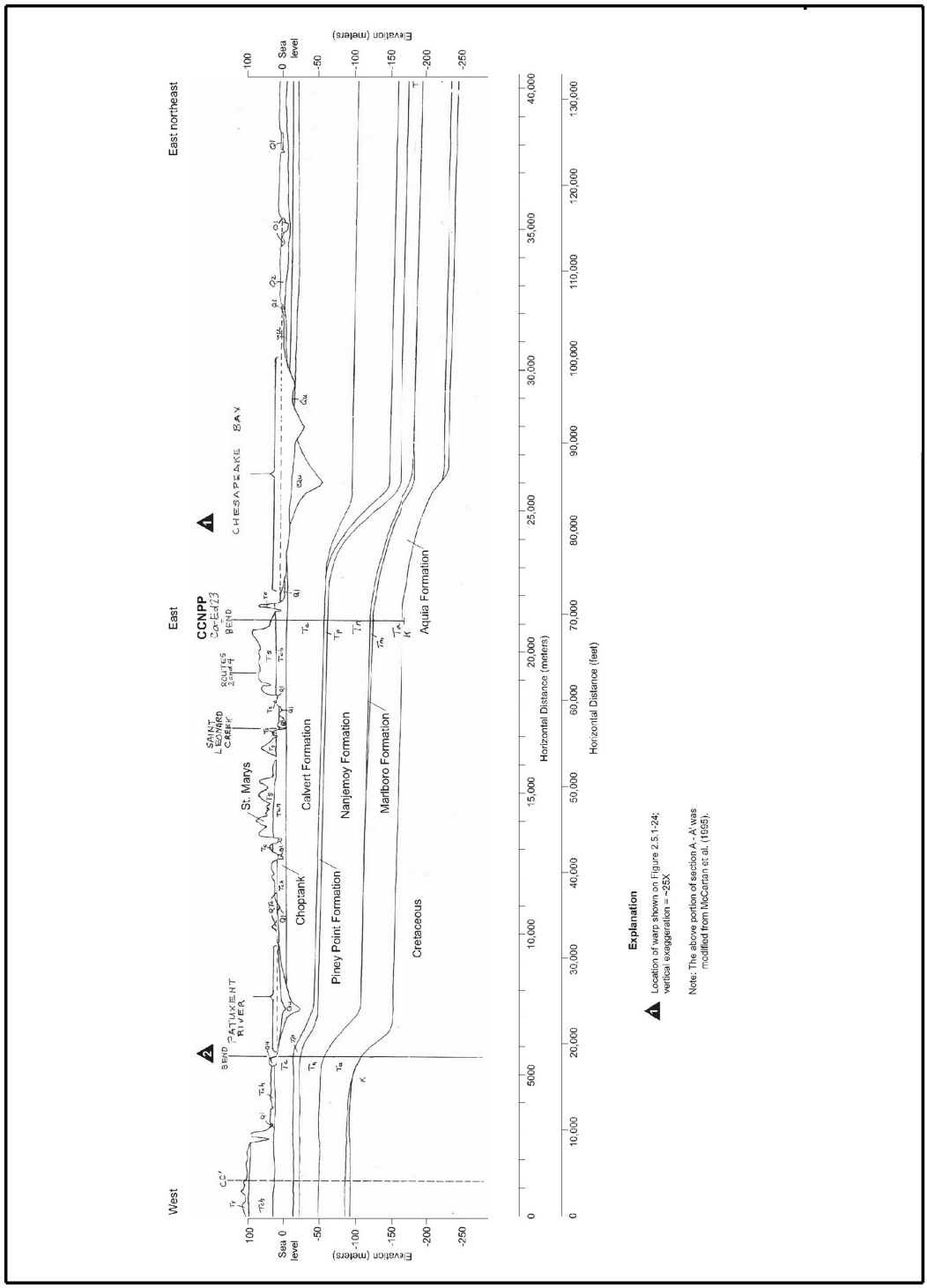
Figure 2.5-40—{Cross Section}



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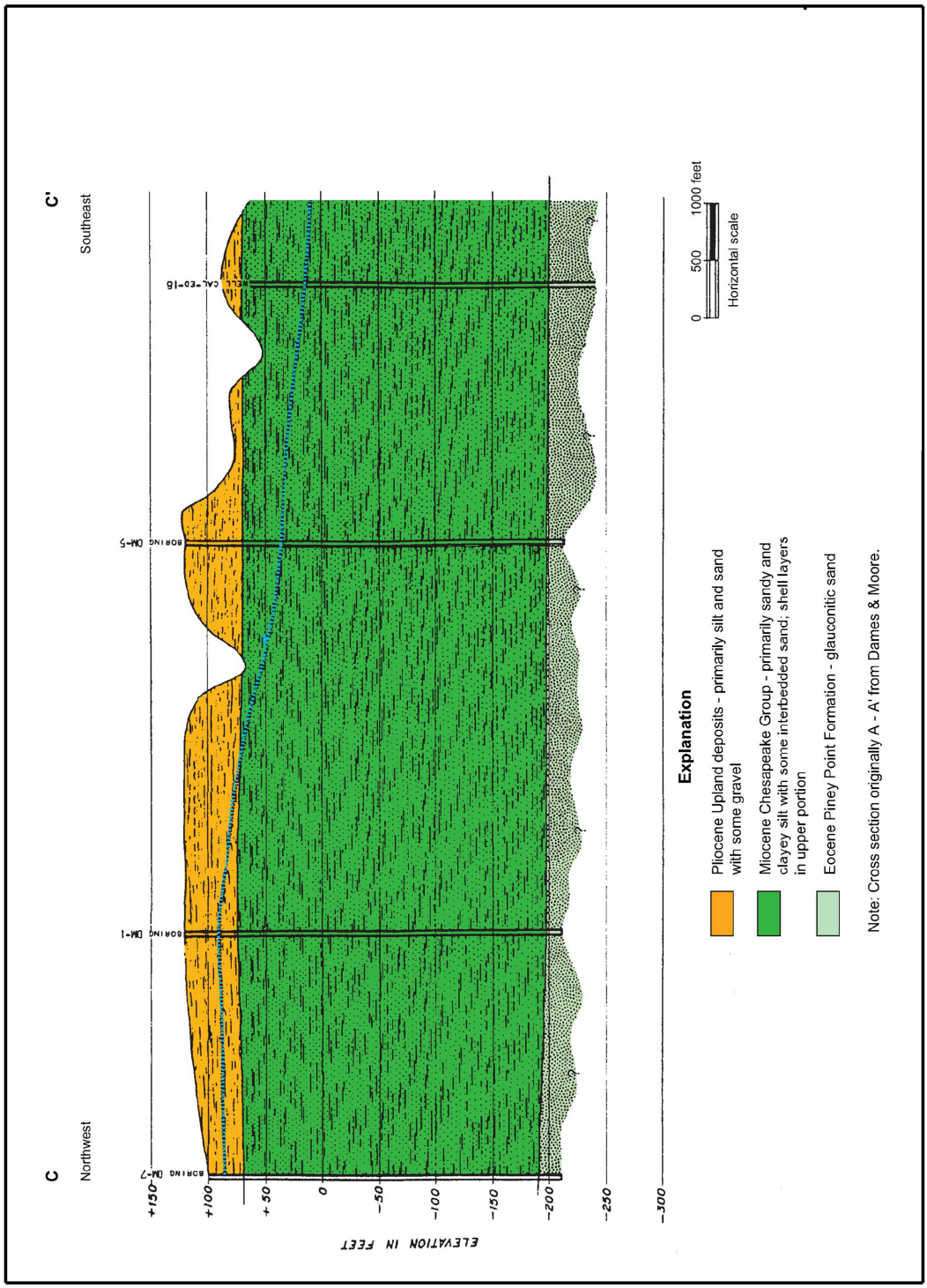

Figure 2.5-41—{Geologic Section C-C'}

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Figure 2.5-42—{Geologic Section D-D'}

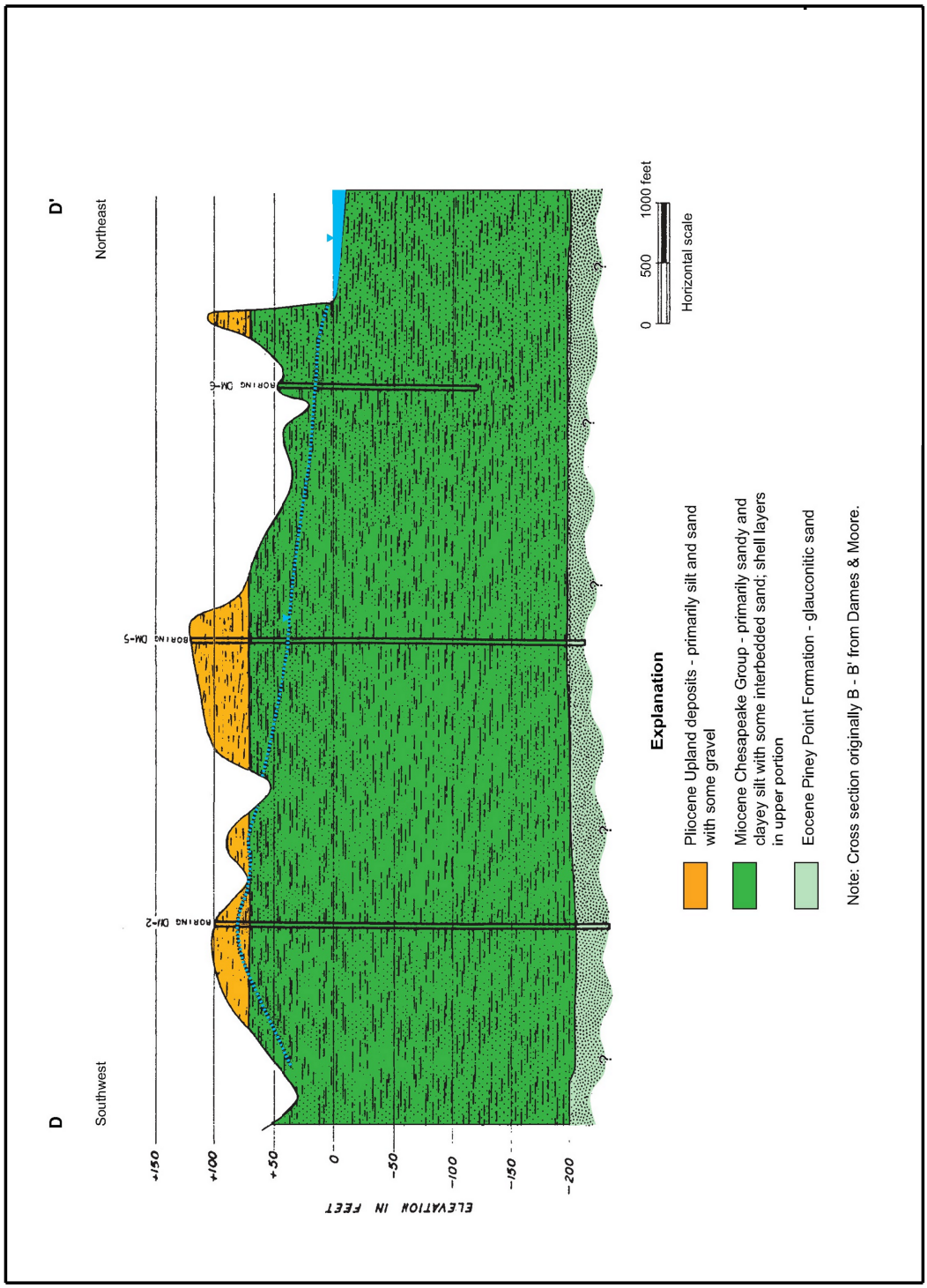

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Figure 2.5-43—{Subsurface Profile E-E'}

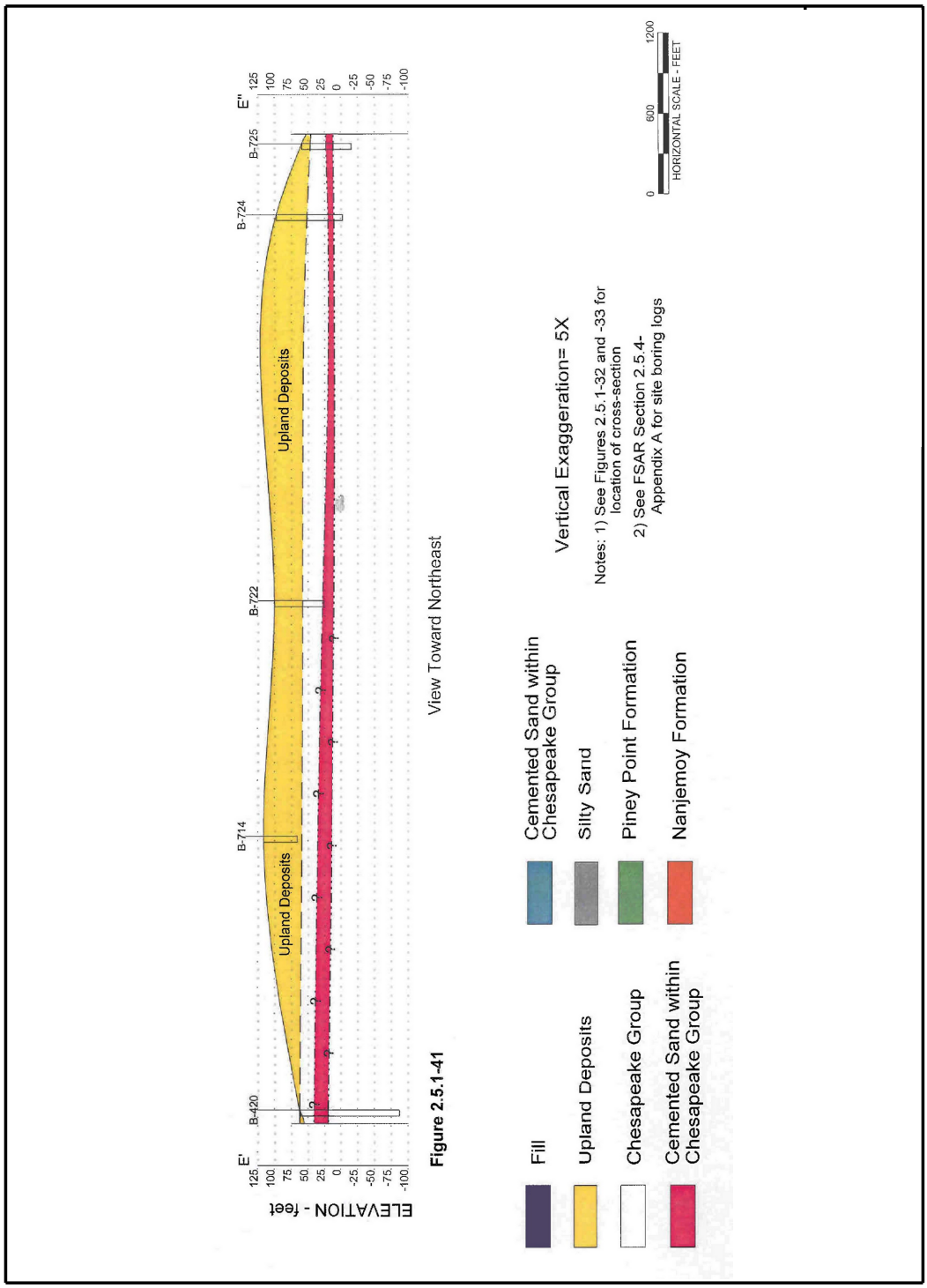

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Figure 2.5-44—{View of Calvert Cliffs Toward the Southwest from the Barge}

Note: St. Marys and Choptank Formation contact from Kidwell (1977).

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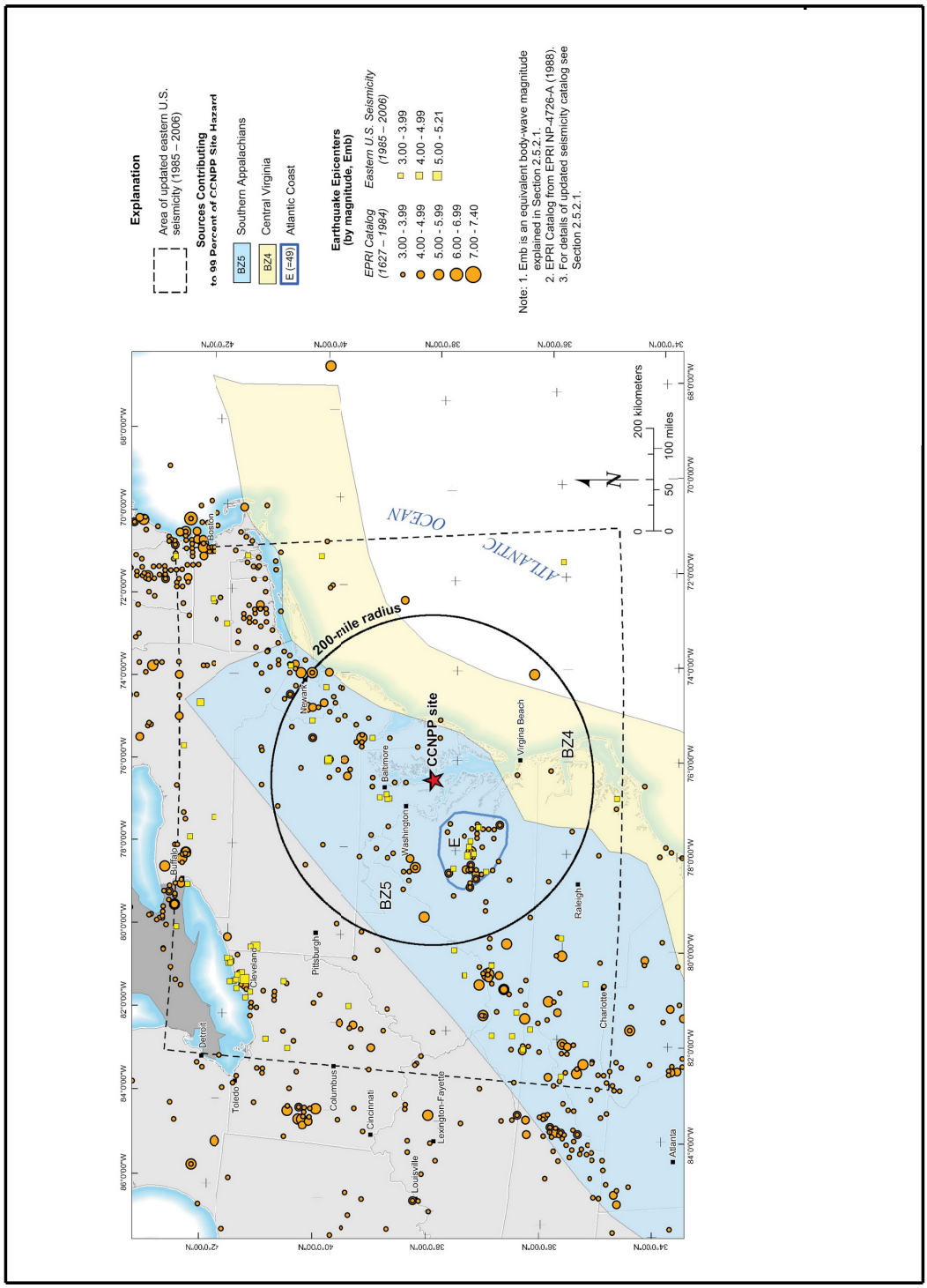

Figure 2.5-45—{Bechtel Group EPRI Source Zones}

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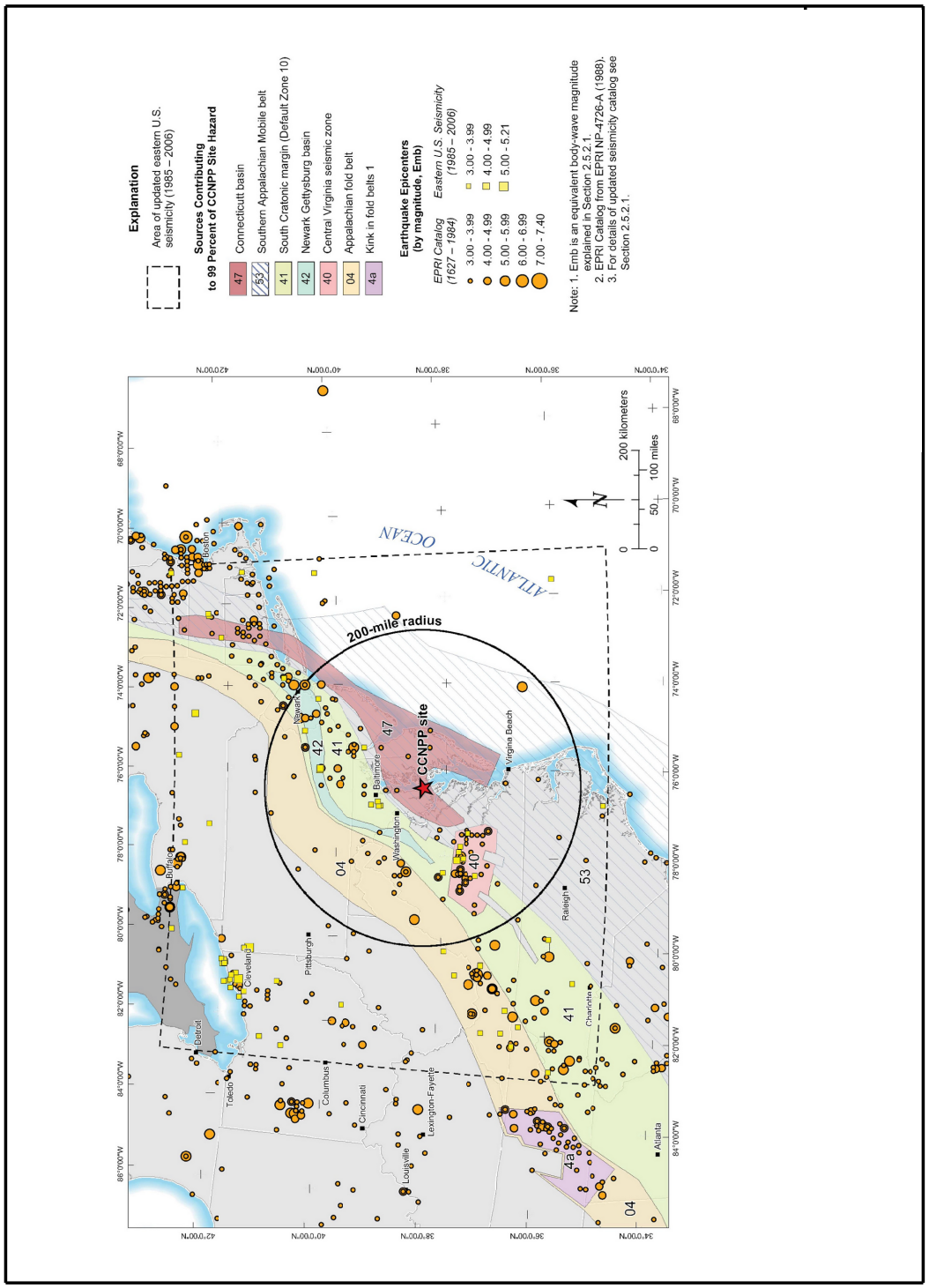
Figure 2.5-46—{Dames & Moore EPRI Source Zones}



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