

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

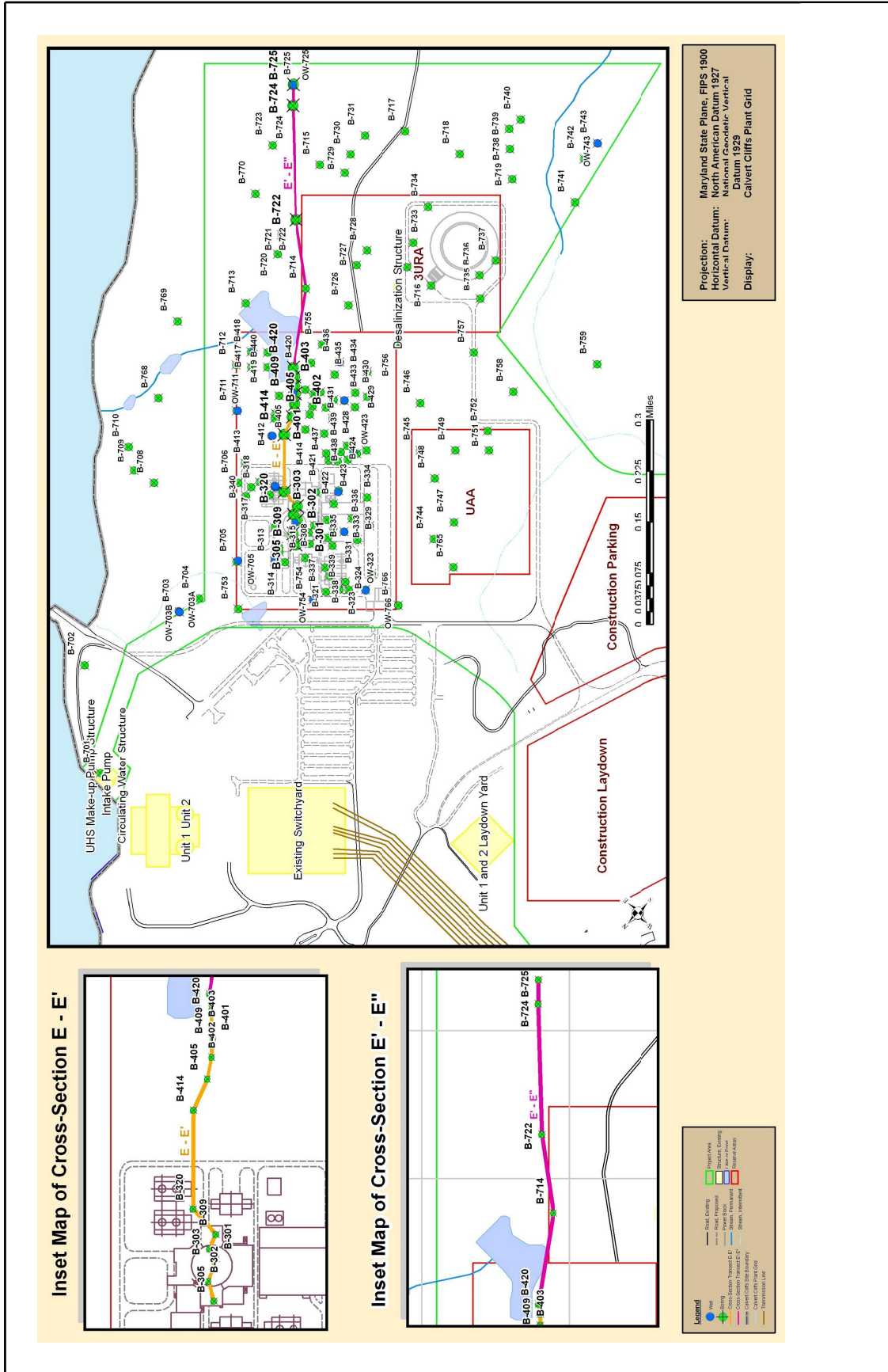
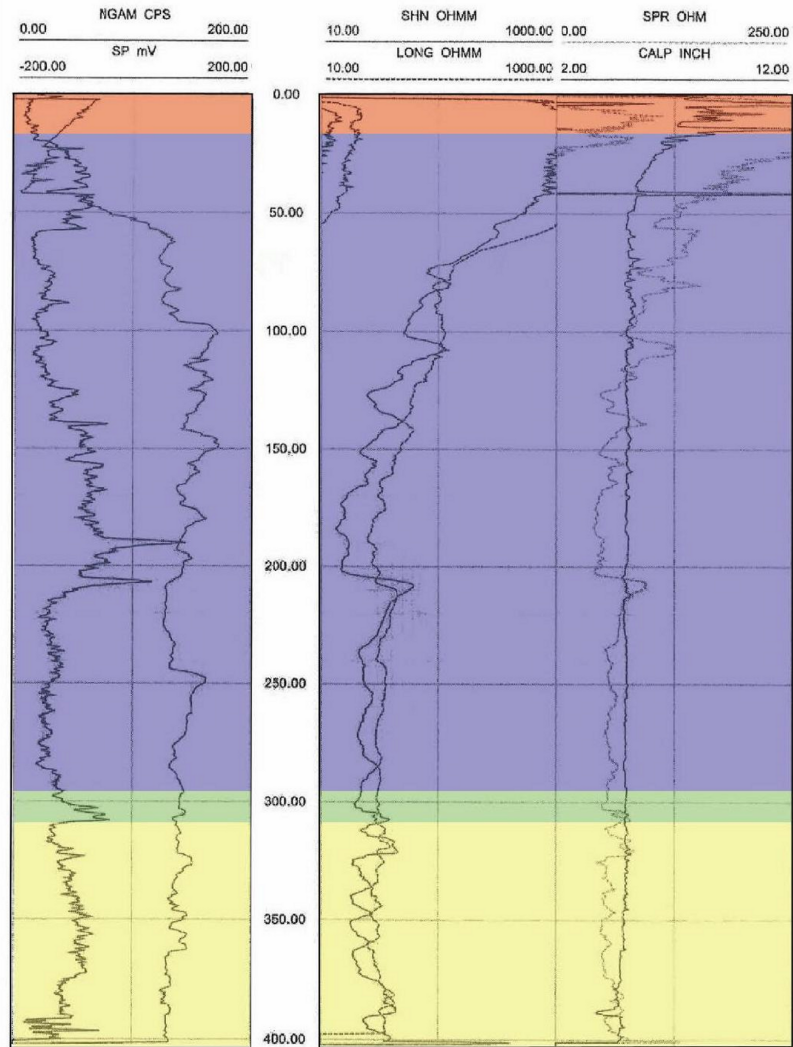


Figure 2.5-36—{CCNPP Site Specific Stratigraphic Column}

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

Part 2: Chapter 2.5

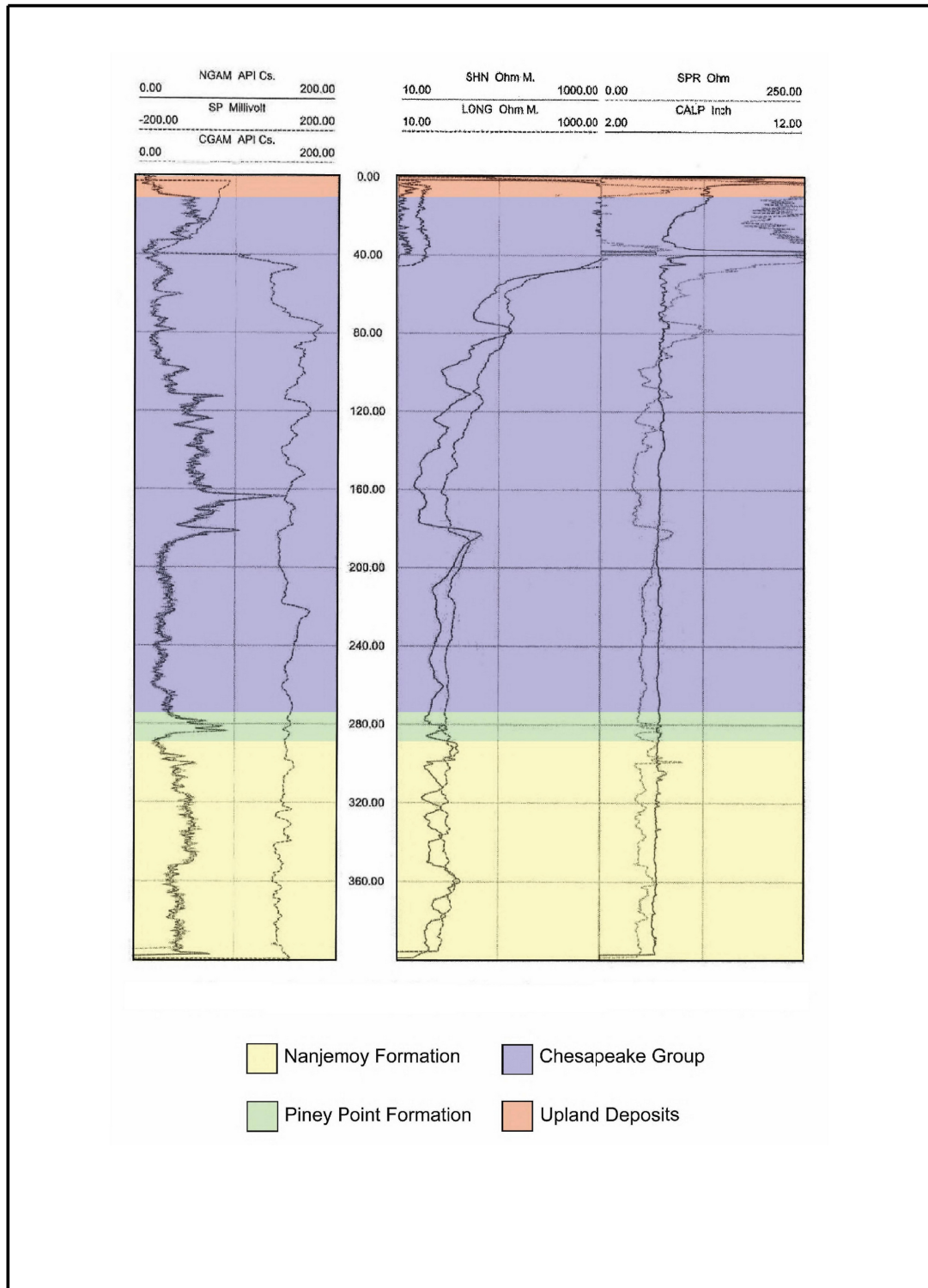
Figure 2.5-37—{Boring B-301, Caliper, Natural Gamma, Resistivity and SP Logs}



Legend:

- Nanjemoy Formation
- Chesapeake Group
- Piney Point Formation
- Upland Deposits

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



Part 2: Chapter 2.5

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

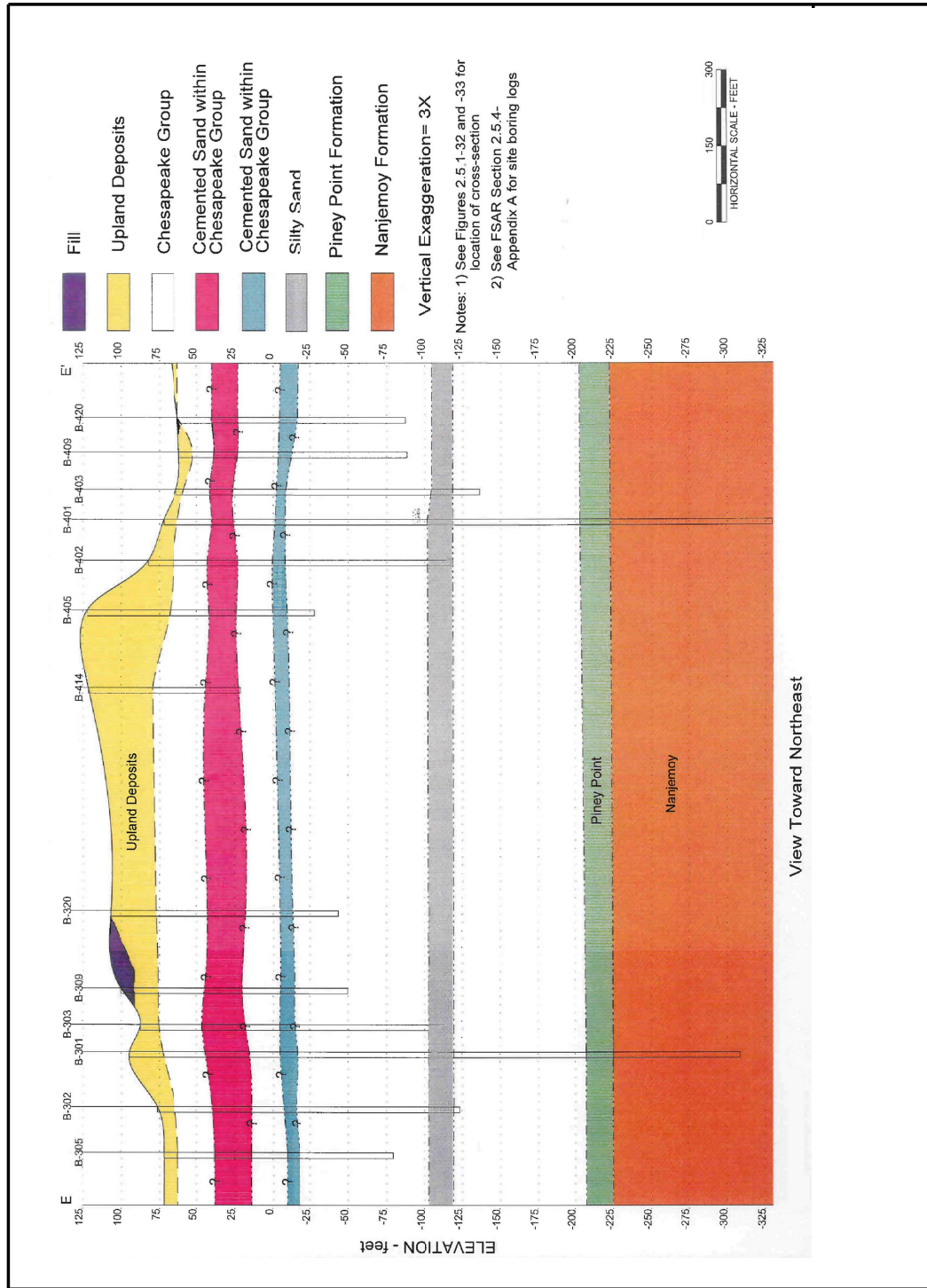
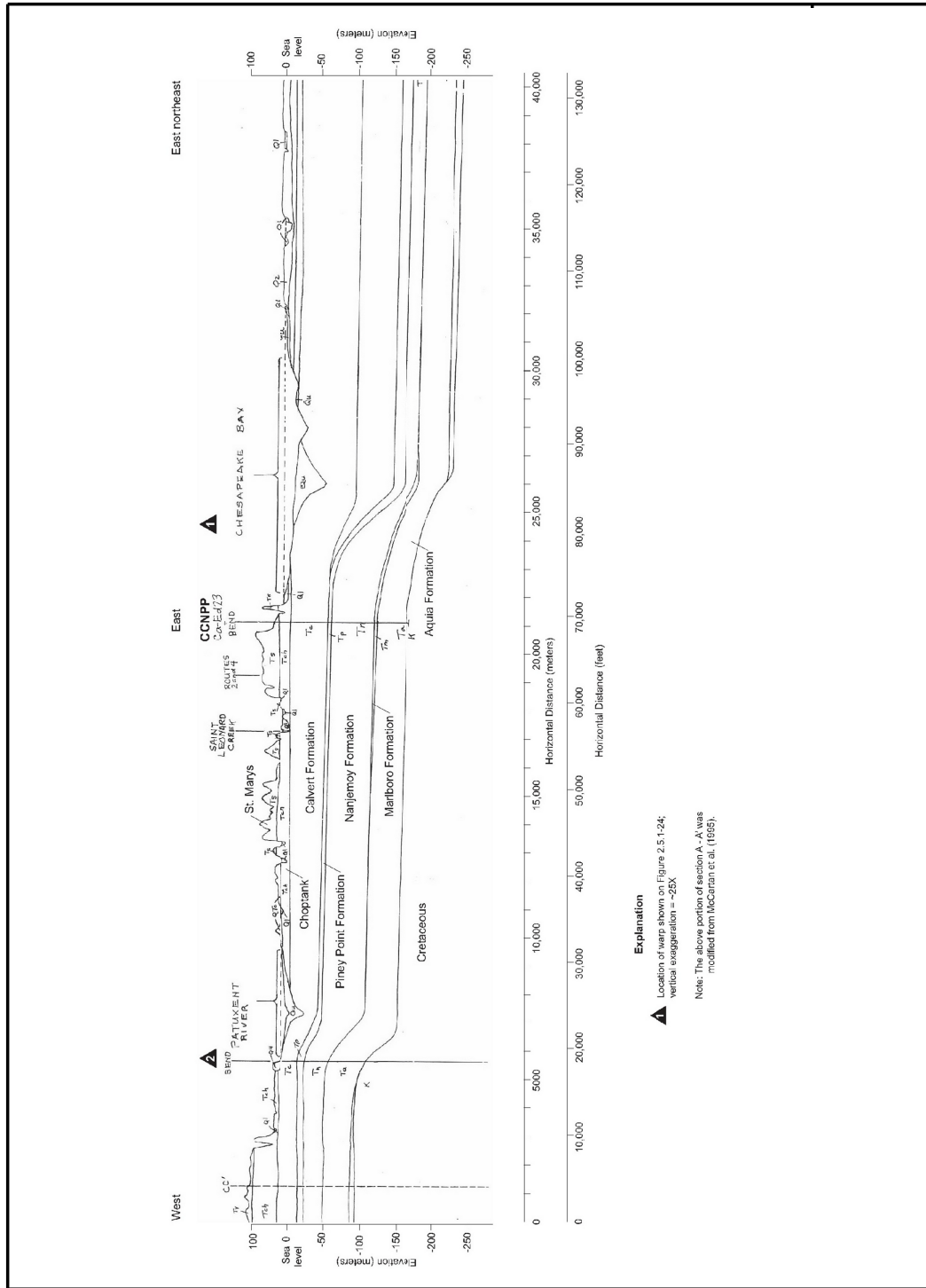


Figure 2.5-40—{Cross Section}



Explanation

▲ Location of well shown on Figure 2.5.1-24; vertical exaggeration = 25X.

Note: The above portion of section A-A was modified from McCarran et al. (1995).

Figure 2.5-41 — {Geologic Section C-C'}

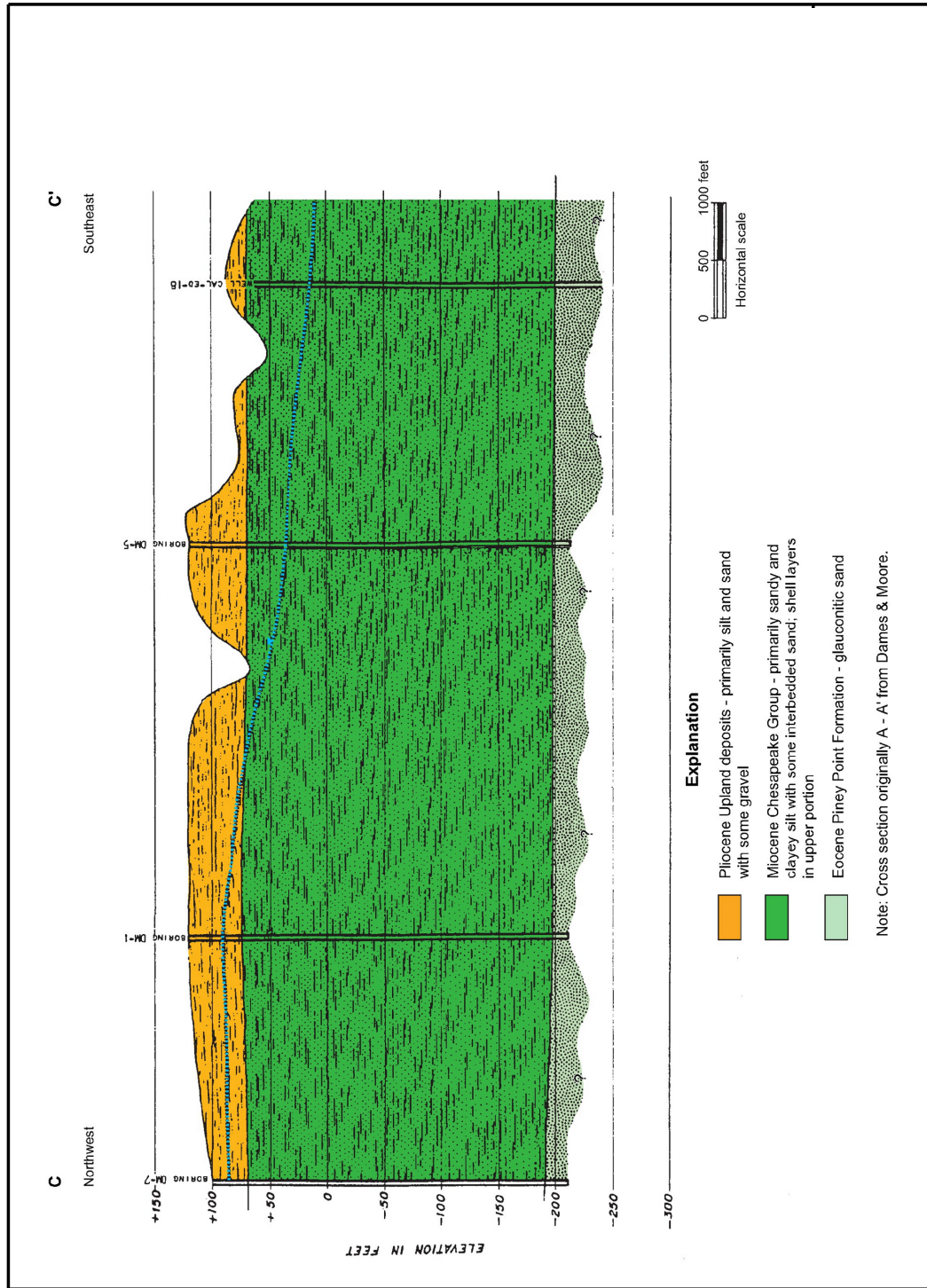


Figure 2.5-42—{Geologic Section D-D'}

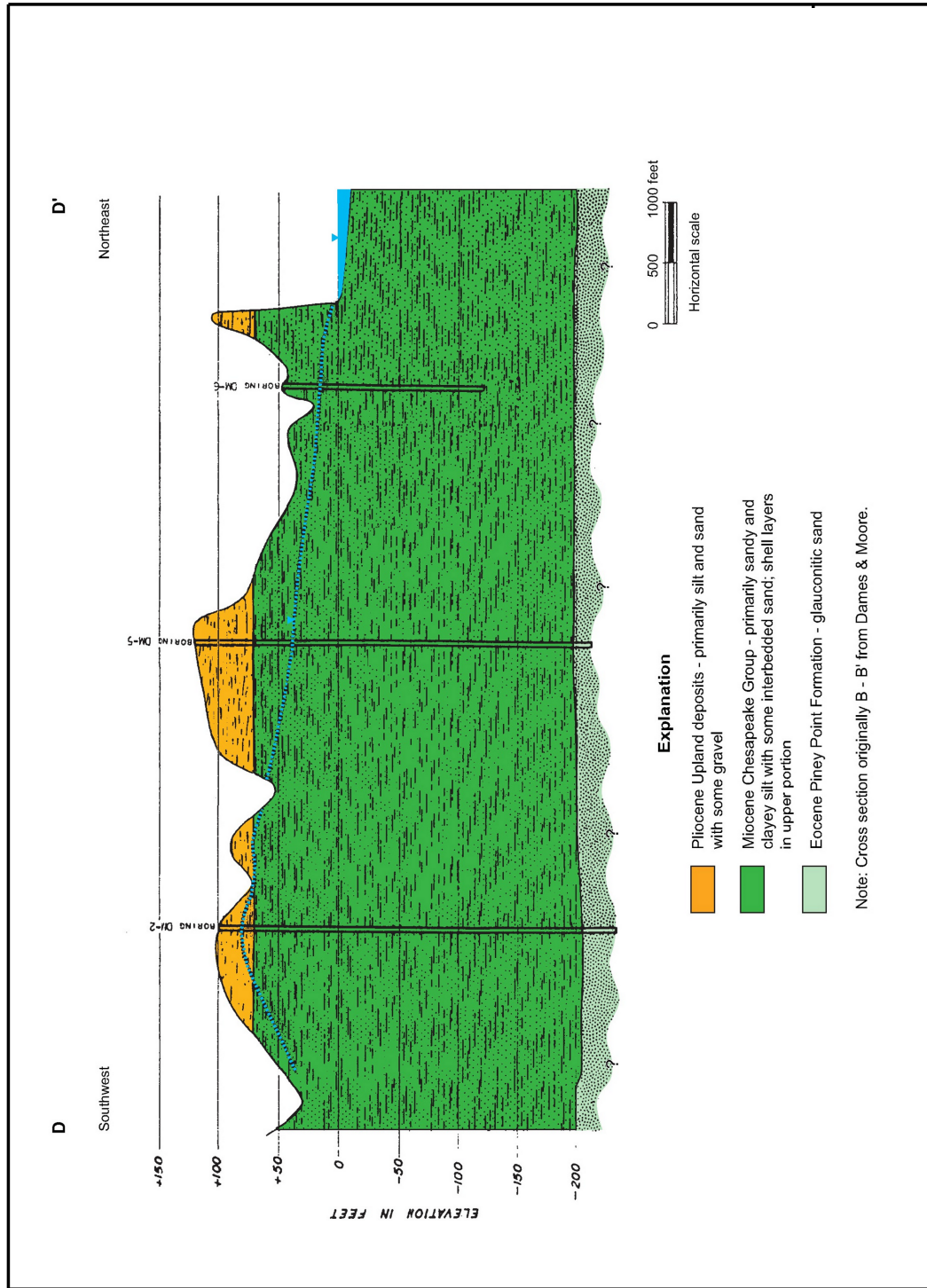


Figure 2.5-43—{Subsurface Profile E-E’}

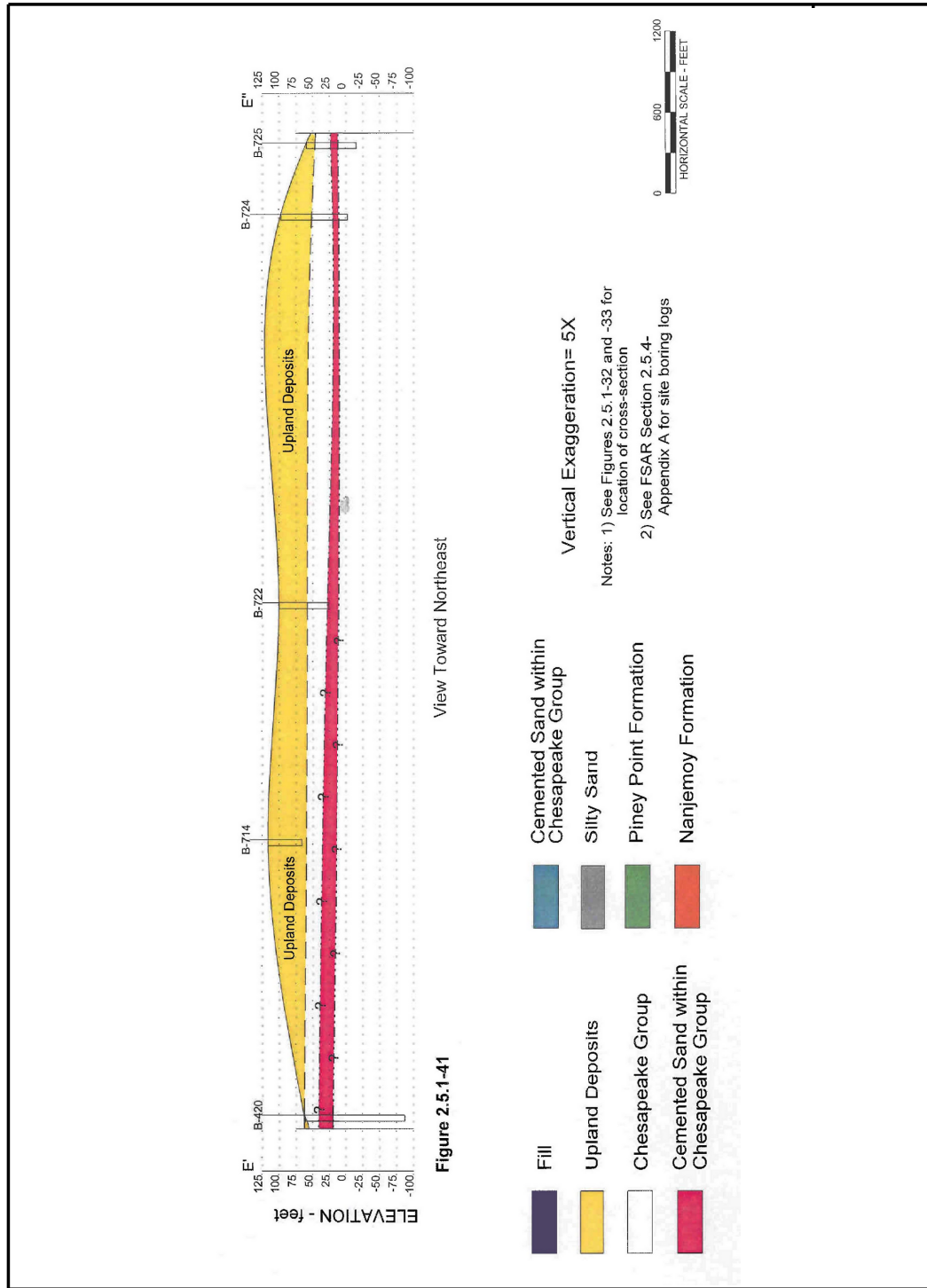


Figure 2.5-44—{View of Calvert Cliffs Toward the Southwest from the Barge}



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

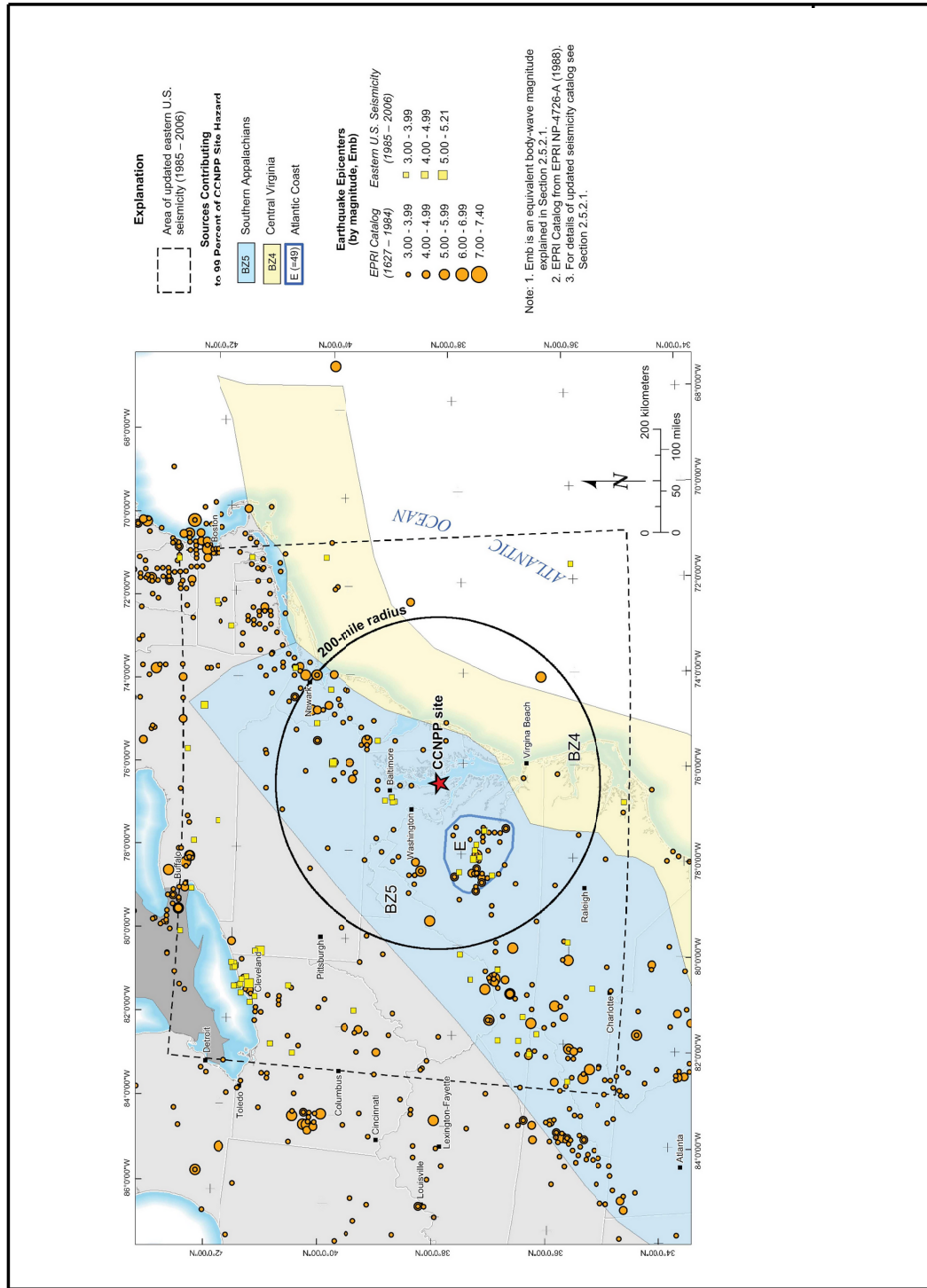


Figure 2.5-46—{Dames & Moore EPRI Source Zones}

