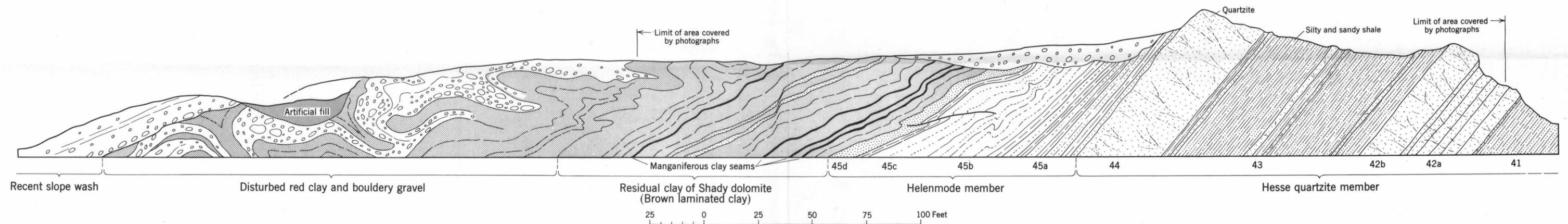


A, Four partly overlapping photographs of the southeastern half of the road cut showing Hesse quartzite member and Helenmode member of Erwin formation and residual clay derived from the Shady dolomite. Photographs by the Tennessee Department of Conservation. Numbers refer to units in section 6



B, Geologic profile, extending farther to the left than the photographs, and thereby including gravel deposits intermixed with and overlying the Shady dolomite toward the northwest

UPPER PART OF ERWIN FORMATION, RESIDUUM OF LOWER PART OF SHADY DOLOMITE, AND GRAVEL DEPOSITS, EXPOSED IN LONG ROAD CUT ON U. S. HIGHWAY 19 E, HALF A MILE SOUTHEAST OF VALLEY FORGE, TENNESSEE