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Federal Highway Administration (1985). Rock blasting. FHWA US Department of Transportation Contract No. DTFW 61-83-C-00110.	0.54%
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NAVFAC (1956). Design Manual 7.1; Meyerhoff.	0.54%
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U. S. Department of Transportation, Federal Highway Administration (1989). Rock slopes: Design, excavation, stabilization. Publication No. FHWA-SA-93-057. NHI Court 130220. Washington DC: U. S. Department of Transportation, Federal Highway Administration, p. 9-3.	0.54%
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