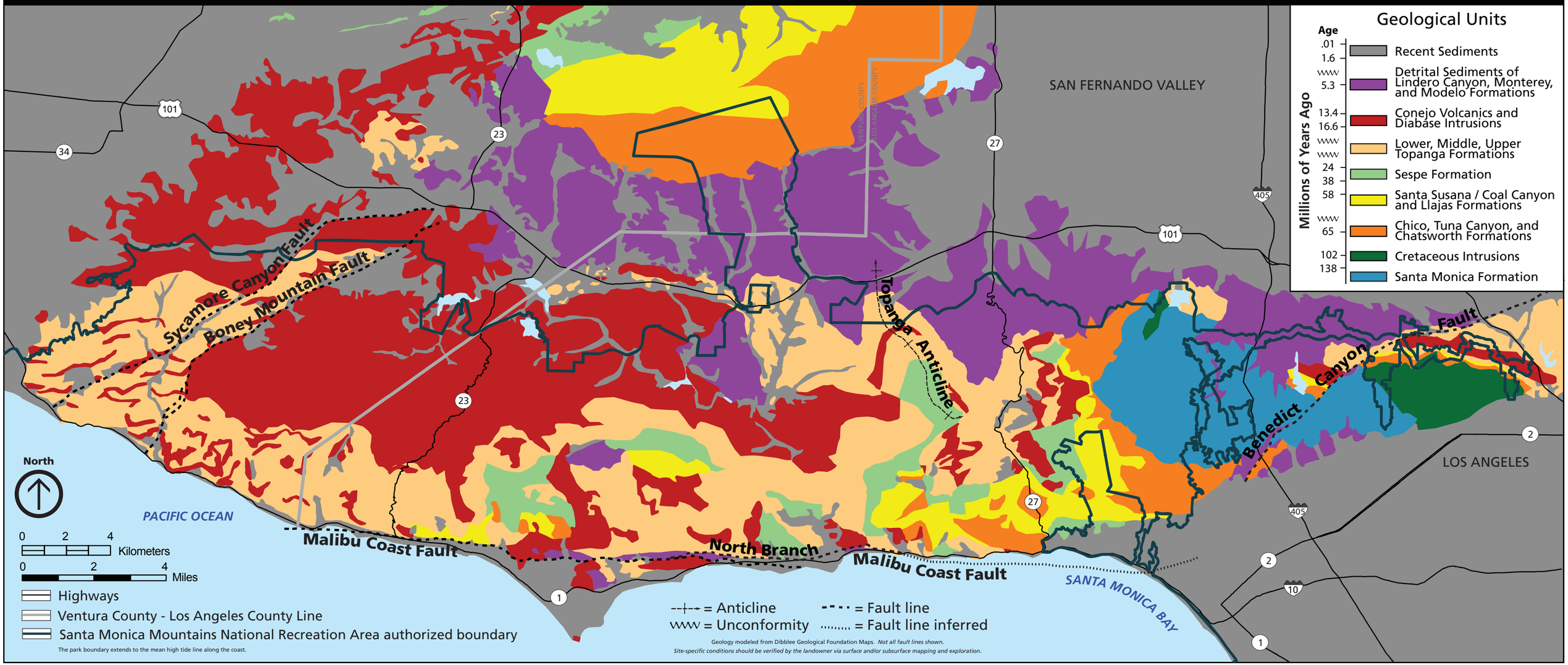
Geology of the Santa Monica Mountains

Santa Monica Mountains
National Recreation Area
November 2007

National Park Service
U.S. Department of the Interior



Geological Units

Millions of Years Ago

Age	
.01	Recent Sediments
1.6	
5.3	Detrital Sediments of Lindero Canyon, Monterey, and Modelo Formations
13.4	Conejo Volcanics and Diabase Intrusions
16.6	
24	Lower, Middle, Upper Topanga Formations
38	Sespe Formation
58	Santa Susana / Coal Canyon and Llajas Formations
65	Chico, Tuna Canyon, and Chatsworth Formations
102	Cretaceous Intrusions
138	Santa Monica Formation