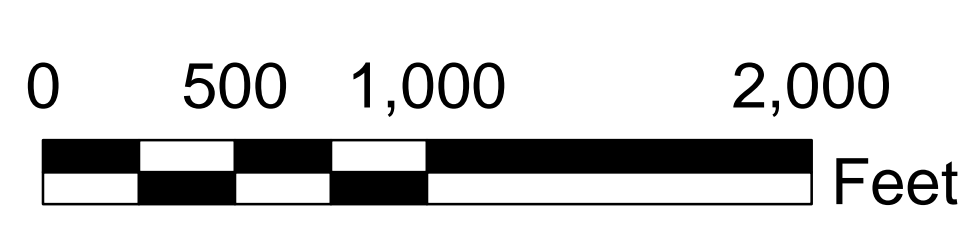


EXPLANATION			
	Spring		
	Strike and dip of schistosity or layering in marble		
	Faults and Fractures		Geologic Units
	Fault, certain		qd: Quartz diorite
	Fault, approximately located		ga: Granite and Adamelite
	Fault, buried or inferred		gd: Gneissic granodiorite
	Fault, queried		m: Marble
	Fracture, strongly expressed		mo: Marble outcrop
	Fracture, moderately expressed		sch: Schist
	Fracture, weakly expressed		
	Contacts		
	Contact, certain		
	Contact, approximate		
	Contact, uncertain		

Reference: Brink, E.E. 1987. Geologic Map of Santa Cruz County, California. USGS Open File Report 87-489
 Topographic Contours: Santa Cruz County GIS, June 2006, 10-foot County Wide Contours
 Grid Reference: NAD83, California Coordinate System, Zone III
 Sinkhole locations based on: Wisner and Cox, 1958; Watkins Johnson Environmental, 1992; P.E. LaMoreaux and Associates, May 2005



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 NOLAN ASSOCIATES Engineering Geology Hydrogeology GIS Services	Date: 10-20-2006
	Revised:
DRAFT STUDY AREA GEOLOGIC MAP CEMEX Bonny Doon Quarry Santa Cruz, California	
Scale: 1"=500'	Plate 1
Drawn by: JMN, MPZ, PMW	