



Digital Database of Microfossil Localities in Alameda and Contra Costa Counties, California

USGS No.	FIELD No.	OTHER No.	COLLECTOR	DATE RECEIVED	STATE
Mf3264	1--12--1		James Hill		CA
LONGITUDE	LATITUDE	UTM X	UTM Y	7.5' QUADRANGLE	
-121.989	37.583	589258.412	4159780.886	Niles	
<b>LOCATION</b>					
Alameda Co.; 800' E, 2800' S of NE corner S17, T4S, R1W; quarry on Mission Road					
<b>LITHOLOGIC UNIT</b>		<b>COMMENTS</b>		<b>TECTONIC BLOCK</b>	
mapped as conglomerate in lower part of Knoxville Formation (Kjkc)		Sample was taken near a fault between Knoxville Formation and Monterey Group, and probably represents one of the latter formations (McDougall); probably Claremont Shale (Tcs)		VII	
<b>FOSSIL GROUPS EXAMINED</b>					
<input checked="" type="checkbox"/> benthic foraminifers <input type="checkbox"/> planktic foraminifers <input type="checkbox"/> nanoplankton <input type="checkbox"/> diatoms <input type="checkbox"/> radiolarians					
<b>ASSOCIATED FOSSILS AND OTHER DEBRIS</b>					
<b>PALEONTOLOGIST</b>	<b>REPORT DATE</b>	<b>SLIDES</b>	<b>RESIDUE</b>	<b>REPOSITORY</b>	
Kristin McDougall	1976	2	0	Micropaleo. Coll., USGS, Flagstaff, AZ	
<b>PERIOD/EPOCH</b>	<b>STAGE/AGE</b>	<b>ZONE/BIOSTRATIGRAPHIC UNIT</b>		<b>ECOLOGY</b>	
questionable Miocene					
<b>AGE COMMENTS</b>					
<b>ECOLOGY COMMENTS</b>					
<b>GENERAL COMMENTS</b>					
Sample is very poorly preserved and contains specimens which are for the most part unrecognizable. However, the presence of <i>Bolivina</i> sp. and <i>Baggina californica</i> if correctly identified indicate a Miocene age					
<b>REFERENCES</b>					