



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

USGS No.	FIELD No.	OTHER No.	COLLECTOR	DATE RECEIVED	STATE
Mf837	1S/3W-17A1		D. Radbruch	1/21/1965	CA
LONGITUDE	LATITUDE	UTM X	UTM Y	7.5' QUADRANGLE	
-122.209	37.849	569609.631	4189162.166	Oakland East	
LOCATION					
Alameda Co.; sample from end of Balsam Way; ~1000' S of Oakland city boundary marker; elevation 1431'					
LITHOLOGIC UNIT			COMMENTS	TECTONIC BLOCK	
interbedded sandstone (Tsms) in unnamed glauconitic mudstone (Tsm)				I	
FOSSIL GROUPS EXAMINED					
<input checked="" type="checkbox"/> benthic foraminifers <input type="checkbox"/> planktic foraminifers <input type="checkbox"/> nanoplankton <input type="checkbox"/> diatoms <input type="checkbox"/> radiolarians					
ASSOCIATED FOSSILS AND OTHER DEBRIS					
PALEONTOLOGIST		REPORT DATE	SLIDES	RESIDUE	REPOSITORY
Patsy Beckstead-Smith		2/5/1965	0	1	Micropaleo. Coll., USGS, Flagstaff, AZ
PERIOD/EPOCH	STAGE/AGE	ZONE/BIOSTRATIGRAPHIC UNIT		ECOLOGY	
middle Miocene	late Saucesian or Relizian Stage			upper middle bathyal biofacies (500-1500 m) (McDougall, 2011)	
AGE COMMENTS					
ECOLOGY COMMENTS					
Upper middle bathyal or deeper biofacies is indicated by the presence of Globobulimina pseudoaffinis and Siphogenerina branneri which have upper depth limits in the upper middle bathyal biofacies (500-1500 m)					
GENERAL COMMENTS					
REFERENCES					