



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

USGS No.	FIELD No.	OTHER No.	COLLECTOR	DATE RECEIVED	STATE
Mf7976	91-CB-3172		Earl Brabb		CA
LONGITUDE	LATITUDE	UTM X	UTM Y	7.5' QUADRANGLE	
-121.776	37.931	607559.873	4198704.487	Antioch South	
LOCATION					
Contra Costa Co.; sample taken about 4.5 miles southeast of Antioch, on the west side of Deer Valley Road, 10 feet south of yellow post, from the same unit as Mf7974					
LITHOLOGIC UNIT		COMMENTS		TECTONIC BLOCK	
upper member of the Meganos Formation, Division E (Tme)		thin bedded and laminated siltstone and very fine sandstone		VI	
FOSSIL GROUPS EXAMINED					
<input checked="" type="checkbox"/> benthic foraminifers <input type="checkbox"/> planktic foraminifers <input checked="" type="checkbox"/> nanoplankton <input type="checkbox"/> diatoms <input type="checkbox"/> radiolarians					
ASSOCIATED FOSSILS AND OTHER DEBRIS					
PALEONTOLOGIST		REPORT DATE	SLIDES	RESIDUE	REPOSITORY
Kristin McDougall; David Bukry		1991	1	2	Micropaleo. Coll., USGS, Flagstaff, AZ
PERIOD/EPOCH	STAGE/AGE	ZONE/BIOSTRATIGRAPHIC UNIT		ECOLOGY	
early Eocene	Penutian Stage	CP11		outer neritic (50-150 m)	
AGE COMMENTS					
Species present are not particularly age diagnostic although both species are most common in the early Eocene. Calcareous nannofossils suggest an early Eocene age (Bukry memo 10/1/91)					
ECOLOGY COMMENTS					
GENERAL COMMENTS					
REFERENCES					