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

USGS No.	FIELD No.	OTHER No.	COLLECTOR	DATE RECEIVED	STATE
Mf8399	93-CB-3721K		Earl Brabb		CA

LONGITUDE	LATITUDE	UTM X	UTM Y	7.5' QUADRANGLE
-122.245	37.966	566323.540	4202065.972	Briones Valley

LOCATION

Contra Costa Co.; sample from measured section bounded by Mf8389 and Mf8402, ~6' stratigraphically above Mf8398

LITHOLOGIC UNIT	COMMENTS	TECTONIC BLOCK
unnamed shale and claystone (Tshc)	greenish gray mudstone; ~6 feet stratigraphically above Mf8398	IIa

FOSSIL GROUPS EXAMINED

- [x] benthic foraminifers
- [ ] planktic foraminifers
- [ ] nannoplankton
- [ ] diatoms
- [ ] radiolarians

ASSOCIATED FOSSILS AND OTHER DEBRIS

PF

PALEONTOLOGIST	REPORT DATE	SLIDES	RESIDUE	REPOSITORY
Kristin McDougall	9/9/1994	11	2	Micropaleo. Coll., USGS, Flagstaff, AZ

PERIOD/EPOCH	STAGE/AGE	ZONE/BIOSTRATIGRAPHIC UNIT	ECOLOGY
early-middle Eocene	early Ulatisian Stage	coeval with late P9	lower middle bathyal to lower bathyal (1500-4000 m)

AGE COMMENTS

ECOLOGY COMMENTS

GENERAL COMMENTS

REFERENCES

Graymer, R.W., Jones, D.L., and Brabb, E.E., 1994a, Preliminary geological map emphasizing bedrock formations in Contra Costa County, California; a digital database: U.S. Geological Survey Open-File Report 94-622, 19 pp.