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

USGS No.	FIELD No.	OTHER No.	COLLECTOR	DATE RECEIVED	STATE
Mf1562A	JM-150		Jack Miller	7/00/1970	CA

LONGITUDE	LATITUDE	UTM X	UTM Y	7.5' QUADRANGLE
-121.857	37.521	601023.065	4153113.793	La Costa Valley

LOCATION

Alameda Co.; "Tmt" ridge W of powerline tower; 100' N and 500" E of SW corner S3, T5S, R1E MDBM

LITHOLOGIC UNIT	COMMENTS	TECTONIC BLOCK
Tice Shale (Tt)		VII

FOSSIL GROUPS EXAMINED

☑ benthic foraminifers ☐ planktic foraminifers ☐ nannoplankton ☐ diatoms ☐ radiolarians

ASSOCIATED FOSSILS AND OTHER DEBRIS

PALEONTOLOGIST	REPORT DATE	SLIDES	RESIDUE	REPOSITORY
Richard Pierce, revised Kristin McDougall	1/13/1971	1	0	

PERIOD/EPOCH	STAGE/AGE	ZONE/BIOSTRATIGRAPHIC UNIT	ECOLOGY
Miocene or younger			

AGE COMMENTS

ECOLOGY COMMENTS

GENERAL COMMENTS

By stratigraphic position this sample should be middle Miocene or older (unless you have some structural complications in your section) due to the fact that the Hambre Sandstone lies stratigraphically above the Tice Shale and the latter unit contains foraminiferal species that have not been reported to range stratigraphically above the provincial middle Miocene of California. McDougall, 2008: Assemblage is too poor to provide anything other than a general Miocene or younger age

REFERENCES