

DIS: Data-Report

Smear Slides Summary

Expedition: 381 Site: 80 Hole: A

Core	Sec.	Smear Slide	Distance To Top (cm)	Distance To Bottom (cm)	Top Depth (mbsf)	Top Depth (mcd)	Lith.	Sand (%)	Silt (%)	Clay (%)	Description /Comments
7	4	1	19	20	25.76	25.76	D	0	40	60	Detrital silty clay Moderately sorted, subrounded grains Abundance of calcite and quartz. Feldspars and micas are common
56	4	1	0	1	212.25	212.25	D	0	85	15	Calcareous Silt Moderately well sorted subrounded grains. Major aragonite presence. Abundant calcite. Other lithics and biogenics are rare
58	2	1	134	140	220.33	220.33	M	0	90	10	Detrital silt poorly sorted, subrounded grains rounded grains of calcite, feldspars and quartz with high sphericity Abundant aragonite needles
68	3	1	11	12	257.81	257.81	D	0	35	65	Detrital Silty Clay poorly sorted subrounded grains Dominance of ophiolite-related minerals (serp. Olivine, pyroxenes, plagioclases) in irregular shapes. Abundant iron oxides. Calcite is common as well as quartz
87	1	1	0	2	311.5	311.5	D	0	35	65	Detrital Silty Clay poorly sorted subrounded grains Dominance of ophiolite-related minerals (serp. Olivine, pyroxenes, plagioclases) in irregular shapes. Abundant iron oxides. Calcite and quartz are common
106	3	1	13	14	380.74	380.74	D	0	70	30	Detrital clayey silt. Poorly sorted subangular grains. Dominance of calcite, quartz and chert lithics. Iron oxides are common. Rare to common ophiolitic material