DIS: Data-Report

Smear Slides Summary

Expedition: 381 **Site:** 79 **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
1	1	1	89	90	0.89	0.89	D	0	75	25	detrital silt moderately sorted, subangular to subrounded grains abudance of calcite, quartz, feldspars, micas possible organic grains are common rare presence of biogenic components
41	1	1	119	120	150.29	150.29	D	0	95	5	Calcareous silt WHOLE ROUND sample Moderately to well sorted, subrounded grains Majority of elongated aragonite needles ~85% Common presence of: *diatom fragments *detrital calcite *well rounded quartz grains (~50 microns) *minor mica flakes
61	4	1	45	46	239.25	239.25	D	0	40	60	Detrital silty clay Moderate sorted, subrounded to rounded grainsDominance of Calcite Abundant quartz Common presence of micas, feldspars, lithic grains rare presence of organic grains
61	4	2	45	46	239.25	239.25	M	80	10	10	Detrital sand Poorly sorted, subangular grains Major presence of sand sized detrital lithics Ambudance of black organic components No biogenics
118	2	1	141	148	514.3	514.3	M	0	35	65	*Sampled from an ultra thin (0.3 mm) white laminae Detrital silty clay Well sorted, rounded grains Abundance of detrital fragments (calcite, quartz, micas) Common presence of plagioclase No biogenics

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118	2	2	141	148	514.3	514.3	M	25	35	40	*Sampled from a dark gray/black laminae (3 mm thick) Detrital sandy mud Very poorly sorted, subrounded grains Abundance of detrital material (calcite, quartz, micas, sand-sized lithics and organic? Black components)