

Sediment Smear Slide / Thin Section Description Sheet

Date:

Expedition:

Observer:

Site:

Hole:

Core:

Section:

Interval:

Sediment Name:

Smear Slide	Thin Section	Coarse Fraction	Grain Mount

Select one and check.

Granular Sediment			Other material	Percent Texture		
Siliciclastic	Volcaniclastic	Pelagic		Sand	Silt	Clay

Select one and check.

T/R/P/C/A/D/M	Composition
Major Siliciclastic Grain Types	
	Quartz
	Feldspars
	Clay minerals
Lithic Grains	
Sedimentary Lithics	
	Chert
	Mudstone
	Siltstone/sandstone
	Limestone
	Metamorphic lithic
	Plutonic lithic
Volcaniclastic Grains	
	Transparent glass
	Colored glass
	Volcanic lithics
	Altered volcanic(e.g. palagonite)
Authigenic components	
	Pyrite
	Calcite
	Dolomite
	Zeolites
	Fe/Mn oxide
	Other (specify):

T/R/P/C/A/D/M	Composition
Pelagic Grains	
	Calcareous
	Nannofossils
	Foraminifers
Siliceous	
	Diatom
	Radiolarian
	Silicoflagellate
	Sponge Spicule
Other bioclasts	
	Mollusk
	Echinoderm
	Benthic foraminifer
	Other bioclast (specify)
Minor Other Grain Types	
	Phosphate (bones, teeth, etc)
	Marine organic matter
	Terrestrial organic matter
	Other (specify):
Other carbonate allochems	
	Peloid
	Intraclast

T/R/P/C/A/D/M	Composition
Minor Mineral Grain Types	
	Olivine
	Pyroxene
	Amphibole
	Micas
	Chlorite
	Zircon
	Apatite
	Opaque Grain
	Glaucanite
	Opaque Grain
	Other (specify):

¹ List under remarks if possible

Abundances like in 375 Methods-C-Table 2

Remarks: