IODP Expedition 374 SMEAR SLIDE DESCRIPTION WORKSHEET

Leg	Site	Hole	Core	Section	Interval (cm) Top	Interval (cm) Bottom

Observer	

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous _____ % Biogenic _____ (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay

(=100%)

Percent	Component
	SILICICLASTIC GRAINS/MINERALS
	Framework minerals
	Quartz
	Feldspar
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
	Rock fragments
	Sedimentary
	Igneous
	Metamorphic
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Chlorite
	Clay minerals
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Manganese
	Opaque minerals
	Pyrite
	Magnetite
	Fe-oxide
	Carbonates
	Calcite
	Dolomite

Percent	Component
	VOLCANICLASTIC GRAINS
	Crystal grain
	Vitric grain (glass, pumice)
	Lithic grain
	Palagonite
	BIOGENIC GRAINS
	Calcareous
	Foraminifers
	Nannofossils
	Pteropods
	Siliceous
	Radiolarians
	Diatoms
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Others
	Pollen
	Organic debris
	Plant debris

Comments:

Abundance code
≤1% = TR (trace)
1%-10% = R (rare)
10%-25% = C (common)
25%-50% = A (abundant)
>50% = D (dominant)