

Expedition 323
Bering Sea

V1344 B 1H All
Site Hole Core Section Top Depth

1

2

3

CC

Graphic Representation	Color	Lithology	Bioturbation Structures/Accessories	Drilling Dist. Samples	Major Lithology	Minor Lithology	Visual Core description
	5y 4/3 dark olive			74-77 102w 124-7			Mottle DK green & gray DK Green - Mot.
				70w 74-6			olive green mot
				136-40			Blue green mottle
				48-9 DK. G. Mot. 76-8 93-4			DK green mot
				101 3 109.5 36-14			Sand layer Sand Mot.
	6 10y2.5/1 10	sand					

Observer: _____ Date: _____

IODP Expedition 323
SEDIMENT SMEAR SLIDE WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
	1344	B	1	A	3	70 cm	

Sediment/Rock Name	DIATOM ooze	Observer	IWA
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Percent Texture		
Sand	Silt	Clay

Comments:

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
5	Framework minerals
11%	1 Quartz
5%	1 Feldspar
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
5%	1 Rock fragments
Accessory/trace minerals	
	Micas
	Biotite
	Muscovite
	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
Authigenic minerals	
	Barite
	Phosphorite/Apatite
	Zeolite
Opaque minerals	
	Pyrite
	Magnetite
	Fe-oxide
Carbonates	
	Calcite
	Dolomite
VOLCANICLASTIC GRAINS	
	Crystal grain
	Vitric grain
	Lithic grain

Percent	Component
BIOGENIC GRAINS	
Calcareous	
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
	Discoasters
	Pteropods
Siliceous	
	Radiolarians
	Spumellaria
	Nassellaria
79%	15 Diatoms
63%	12 Centric
16%	3 Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
Others	
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others