13/5	F	7		
Site	Hole	Core	Section	Top Depth

	E	expedition 323 Bering Sea							
	c	3			essories	Ma	jor L	ithology Minor Lithology	
	Graphic Representation	Color	Lithology	Bioturbation	Structures/Accessories	Drilling Dist.	Samples	Visual Core description	
10 2 20	V VIV	27 107 3/1	Z.	50			l l	27-60 meth parite concentrale	- 24-80 silt
3 ³⁰		7			140	CV		15-16 moth sand. 12-17 speek pyrite	
4 50	30 H	60 543/1-	Silty soud					100-150 nong nett. 5and.	
5 ⁶⁰					50	-			
6 80	3.b/	20 123						148 moth sand	
7,90 CC	35 9	2 3/N		×.				36-45 moth sund	-71-28
100	111111							38-42 PAL	-74-28 Saney co
120	111111	-						12 107 4/1·	
130	I				H				8

	014-		0	Tues	Can	Interva	l (cm)
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
	1345	E	7		S	800	u

Sediment/Rock Name SIL4

Observer LWA

Percent Texture

Sand Silt Clay

20 60 20

Comments

Mah LITHOWAY

Percent	Component				
	CICLASTIC GRAINS/MINERAL				
	Framework minerals				
3000	15 Quartz				
201	8 Feldspar				
211.	K-feldspar (Orthoclase, Microcline)				
	Plagioclase				
18 >	7 Rock fragments				
10 1	/ Nook nagmonto				
	Accessory/trace minerals				
	Micas				
	Biotite				
37.	/ Muscovite				
12-1	7 Clay Minerals				
0.3	Chlorite				
	Glauconite				
	Chert				
	Zircon				
	Ferromagnesium minerals				
	Authigenic minerals				
	Barite				
	Phosphorite/Apatite				
	Zeolite				
	Opaque minerals				
	Pyrite				
	Magnetite				
	Fe-oxide				
	Carbonates				
	Calcite				
	Dolomite				
VOLO	L CANICLASTIC GRAINS				
VOL					
	Crystal grain				
	Vitric grain				
	Lithic grain				

Percent	Component					
BIOG	ENIC GRAINS					
	Calcareous					
	Foraminifera					
	Planktonic foraminifera					
	Benthic foraminifera					
	Nannofossils					
	Coccoliths					
	Discoasters					
	Pteropods					
	Siliceous					
	Radiolarians					
	Spumellaria					
	Nassellaria					
	Diatoms					
57	Centric					
	Pennate					
	Chaetoceros Resting Spores					
	Silicoflagellates					
	Sponge spicules					
	Dinoflagellates					
	Others					
	Pollen					
	Organic debris					
	Plant debris					
	Ebridians					
	Echinoderm					
	Fish remains (teeth, bones, scales)					
	Bryozoans					
	Bivalves					
	Others					
	Suidio					

1	Site	IIIala	C	T		Inter	val (cm)
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
	345	r	7		7	200	cu

Sediment/Rock Name

CANDY SILT

Observer / WA

-3		Percent Texture	
	Clay	Silt	Sand
700	2100	40	35
Q S	Carrier S	70	20

î		1 2 2						
ŀ	Percent	Component						
	SILIC	CICLASTIC GRAINS/MINERAL						
93	M/A	Framework minerals						
22	and a	5 Quartz						
22	- Ela	Feldspar						
-		K-feldspar (Orthoclase, Microcline)						
(3		Plagioclase						
(>	4-	3 Rock fragments						
ŀ		Access with the second						
ŀ		Accessory/trace minerals						
+		Micas Biotite						
ŀ								
2 2	20	Muscovite						
22	oly.	Clay Minerals Chlorite						
1		Glauconite						
1		Chert						
-		Zircon Ferromagnesium minerals						
-		renomagnesium minerais						
-								
+		Authigenic minerals						
1		Barite						
ŀ		Phosphorite/Apatite						
ŀ		Zeolite						
t		Zeolite						
1		Opaque minerals						
ď	· Ø	\ Pyrite						
		Magnetite						
ı		Fe-oxide						
Ī		1 o oxido						
f		Carbonates						
, t	1 5	/ Calcite						
1		Dolomite						
Ī								
- [VOL	CANICLASTIC GRAINS						
- [Crystal grain						
)								
5.52		X Vitric grain						
		Lithic grain						

Percent	Component
BIOGI	ENIC GRAINS
	Calcareous
4	
(Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
	Discoasters
	Pteropods
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
	Diatoms
1.5	Centric
-(Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

	Expedition 323 Bering Sea			ries	Maj	or Li	thology	Minor Lithology
Graphic Representation	Color	Lithology	Bioturbation	Structures/Accessories	Drilling Dist.	Samples	S BUN 23 W Proble Visual Core description	PEPUNCTURES
10 = 20 = 30 = 131 = 50 = 131	25 N/E	Sanoren	5 121] - 0	S	FOINT LAMINATION AUTHILEANCE CAME (NOUR	AUTHIDENIC CANDONINGTE HATOR PORTIALLY ATED PORTIALLY FOR MICH SILRY CLAY
70 =	1043/1	o s. hun	*		<i>)</i> - &-		22, wo co.	TOM-1216 16 (RY1) 2167

1	Cito	ماملا	Cara	Tuna	Coo	Interv	al (cm)	
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom	
323	BA	F	8	H	34	30		

Sediment/Rock Name	diatan-rich	clavey site.	Observer aking
	^<		Parcent Texture

auchigenic carbonale

Percent Texture
Sand Silt Clay

Doroant	Composert
Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL
	Framework minerals Quartz
- 6	
	Feldspar
-	K-feldspar (Orthoclase, Microcline)
17	Plagioclase
14	Rock fragments
	Accessory/trace minerals
	Accessory/trace minerals
	Micas Biotite
9	Muscovite Clay Minerals
1	Clay Minerals 3 Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Onagua minarala
6	Opaque minerals Pyrite 2
0	Magnetite
	1-24
	Fe-oxide
En	Carbonates 20 progenity
/	Calcite
	Dolomite
	DOMINIC
VOLO	CANICLASTIC GRAINS
	Crystal grain
	o. Jotal giani
	Vitric grain
	Lithic grain

Percent	Component
	ENIC GRAINS
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
	Discoasters
	Pteropods
	•
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
9	Diatoms 3
-/-	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

	0.4-		0	T	0	Interva	Interval (cm)			
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom			
3.33	1345	E		1-1	SA	30)				

Sediment/Rock Name	diatom-rich	Sity	clay
	7110000	7	7

Percent Texture
Sand Silt Clay

Observer

Dansant	1
Percent	Component CICLASTIC GRAINS/MINERAL
SILIC	
10	Framework minerals Quartz \(\chi \cdot \cdot \)
17	Feldspar /
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	K-feldspar (Orthoclase, Microcline)
	Plagioclase
17	Rock fragments
	Trook nagmente
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
34	Clay Minerals /()
/-	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
n	Opaque minerals Pyrite 🗦 🗦
- 1	
	Magnetite
	Fe-oxide
7	Carbonates 0 5
	Calcite
	Dolomite
	Doloniko
VOLC	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain
	Lithic grain

Percent	Component
BIOGI	ENIC GRAINS
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
	Discoasters
	Pteropods
	Cilianatia
	Siliceous
	Radiolarians
	Spumellaria
- #	Nassellaria
24	Diatoms 🗢 7
-	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Others
-	Others
	Pollen
	Organic debris Plant debris
-	
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

Loa	Site	Hole	Coro	Type	Sec	Interv	/al (cm)
Leg	Site	поте	Core	Туре	Sec	Тор	Bottom
323	1345	E	8	H	TA	60	

Sediment/Rock Name	diatom-rich	claver sike	Observer Okora
	7	7 - 7	

	Percent Texture	
Sand	Silt	Clay
		ı

ercent	Component
SILIC	CICLASTIC GRAINS/MINERAL
	Framework minerals
21	Quartz
9	Feldspar 2
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
9	Rock fragments
10	
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
21	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
9	Pyrite 2
:(:	Magnetite
2	Fe-oxide 0.5
	Carbonates
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
	-707 - 107 -
	Vitric grain

Percent	Component
	ENIC GRAINS
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
	Discoasters
	Pteropods
	,
	Olling
	Siliceous
	Radiolarians
	Spumellaria
5 /	Nassellaria
30	Diatoms 7
- 31	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

Observer:

)			Bering Sea			ories	Ma	ijor Li	ithology Minor Lithology	
		Graphic Representation	Color	Lithology	Bioturbation	Structures/Accessories	Drilling Dist.	Samples	Visual Core description	
67	10 20 30 40 50 60 70 80 90 110 110 120 130 140		175 107 4/ 107 4/		\(\sigma\)				3 3/2 57 4/2 2/N 2-6 moth pognite Micron V 130 44 44-33 PAL	-diatom-
-					,	Sheenin			Date	

Foo	Site	Hole	Cara	Tuna	Sec	Interval	(cm)
Leg	Site	поте	Core	Туре	Sec	Тор	Bottom
	1345	E	P	tt	3	(00 cm	

Sediment/Rock DATOM-BRARING CLM SILT

Observer LWA

	Percent Texture	
Sand	Silt	Clay
0	50	40

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL
	Framework minerals
127	5 Quartz
17%	7 Feldspar
7 1 1	K-feldspar (Orthoclase, Microcline)
	Plagioclase
17-1	7 Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
364.	5 Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
2	Opaque minerals Pyrite
27.	
	Magnetite
	Fe-oxide
	Carbonates
	2_ Calcite
	Dolomite
	Bolomito
VOL	CANICLASTIC GRAINS
	Crystal grain
	- 1000. 3.000.
	\ (r)
	Vitric grain
	Lithic grain

Component
ENIC GRAINS
Calcareous
Foraminifera
Planktonic foraminifera
Benthic foraminifera
Nannofossils
Coccoliths
Discoasters
Pteropods
low.
Siliceous
Radiolarians
Spumellaria
Nassellaria
Diatoms
3 Centric
2 Pennate
Chaetoceros Resting Spores
Silicoflagellates
Sponge spicules
Dinoflagellates
Othoro
Others
Pollen
Organic debris
Plant debris
Ebridians
Echinoderm
Fish remains (teeth, bones, scales)
Bryozoans
Bivalves
Others
I .



Leg	Site	Hole	Core	Туре	Sec	Interval Top	(cm) Bottom
	1345	E	P		4	3204	Domoni

Sediment/Rock Name C-1767 SILT Observer UVA

Percent Texture

Sand Sill Clay

5 6 3 3 5

Comments:

50

gray layer (law)

Percent	Component
	CICLASTIC GRAINS/MINERAL
	Framework minerals
23	10 Quartz
16	7 Feldspar
- 4	K-feldspar (Orthoclase, Microcline)
	Plagioclase
- 171	5 Rock fragments
1	> redictingments
1	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
34	5 Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon Ferromagnesium minerals
	renomagnesium minerais
	Authigania minarala
	Authigenic minerals Barite
	Phosphorite/Apatite
	Zeolite
	On a succession and a
2	Opaque minerals Pyrite
	Magnetite
	Fe-oxide
	Carbonates
	\ Calcite
	Dolomite
1/01	CANUCLA CTIC CDAINS
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitrio grain
	Vitric grain Lithic grain
	Littlic grain

Percent	Component						
	ENIC GRAINS						
Dio Gi	Calcareous						
•	1 Foraminifera						
	Planktonic foraminifera						
	Benthic foraminifera						
	Nannofossils						
	Coccoliths						
	Discoasters						
	Pteropods						
	rteropous						
	Siliceous						
	Radiolarians						
	Spumellaria						
	Nassellaria						
27	Diatoms						
37,	ス Centric						
	l Pennate						
	Chaetoceros Resting Spores Silicoflagellates						
	Sponge spicules						
	Dinoflagellates						
	Othoro						
	Others						
	Pollen						
	Organic debris Plant debris						
	Ebridians						
	Echinoderm						
	Fish remains (teeth, bones, scales)						
	Bryozoans						
	Bivalves						
	Others						
	I						

92 2000	62 EURO	parears.	V20000000		1200000	Interva	l (cm)
Leg	Site	Hole	Core	Type	Sec	Top	Bottom
	1345	E	9	H	7	1100	u

Sediment/Rock Name	DIATUM	-BEARTUCA	CLAYPY	SILT
-----------------------	--------	-----------	--------	------

Observer / UA

RICH

Percent Texture
Sand Silt Clay

Percent	Component
	CICLASTIC GRAINS/MINERAL
7	Framework minerals
317	10Quartz
67	₹ Feldspar
-0	K-feldspar (Orthoclase, Microcline)
	Plagioclase
9-1	
1	M
1	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
317.	OClay Minerals
- 8	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
5 /	Opaque minerals
37,	Pyrite
	Magnetite
	Fe-oxide
	Oarkanakaa
72 /	Carbonates
37.	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
VOL	Crystal grain
	Crystal grain
	Vitrio grain
	Vitric grain Lithic grain
	Liulic grain

Percent	Component						
BIOGE	ENIC GRAINS						
	Calcareous						
	Foraminifera						
	Planktonic foraminifera						
	Benthic foraminifera						
	Nannofossils						
	Coccoliths						
	Discoasters						
	Pteropods						
	Pteropods						
	Siliceous						
	Radiolarians						
	Spumellaria						
-02	Nassellaria						
15%	5 Diatoms						
Q/1	3 Centric						
1/-	Pennate						
- 0	Chaetoceros Resting Spores						
	Silicoflagellates						
	Sponge spicules						
	Dinoflagellates						
	Dirionagenales						
	Others						
	Pollen						
	Organic debris						
	Plant debris						
	Ebridians						
	Echinoderm						
	Fish remains (teeth, bones, scales)						
	Bryozoans						
	Bivalves						
	Others						
	- Strioto						



Millor Lithology Promitions Promitions				Expedition 323 Bering Sea	3						
10 10 3/1 D. DLATING SAND 25 P 25				beining bea			ories	Ma	jor l		Minor Lithology
10 10 3/1 D. DLATING SAMD 25 P 20 20 20 20 20 20 20						6	Access	ئيو			
10 10 3/1 D. DLATING SAND 25 P R 10 mm 10 mm			phic		ygolo	turbati	tures/.	ing Dis	ples	S= Jurans	
10 = 60 3/N S. RICH CLAYER STORM DIAGON RICH CLAYER SILT ANDURAR PERSON 10 30 30 30 5 5			Gra	8		Bio	Struc	Ğ	Sam	Visual Core description	
120	4 , 6 7	20 30 40 50 60 70 80 100		10 y 3/1 10 y 3/1 10 y 3/1	D. BEARING D. RICH CLAYLY SILT D. RICH CLAYLY SILT D. BEARN SAMO CLAYLY SILT D. BEARN SAMO CIVI 18 PO PO PO PO PO PO PO PO PO P	57	3 cm	a., ja	p.	-40 cm DIDFOM R ANGULAR PEBBLE ANGULAR PEBBLE -19 cm, SS DIATOR SAME MOTTLES -21 cm, SS - AUT DIATO	M. BERNING SANS TO HESMADE OF. MIUDNIC CHRONATE
		120	mulmulmulmi								

	014-	ras.	0	T	Caa	Interva	ıl (cm)	
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom	
323	1345	E	10	H	24	40		

Sediment/Rock Name	diatom-rich	claver silt.
		7 7

Observer Dera

Percent Texture	
Silt	Clay
SIIL	Clay
	Silt

ercent	Component
SILIC	CICLASTIC GRAINS/MINERAL
	Framework minerals
24	Quartz 🧲.
10	Feldspar 2
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
	Rock fragments

	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
24	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
2	Ferromagnesium minerals
	1 offernaghosian minorals //
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Zeone
	Opaque minerals
10	Pyrite 2
- 1/	Magnetite
	Fe-oxide
	r e-oxide
	Carbonates
5	Calcite /
1.50	Dolomite
VOI 4	ANIOLA OTIO ODAINO
VOL	CANICLASTIC GRAINS
_	Crystal grain
	Vitric grain
	Lithic grain

Percent	Component							
BIOG	SENIC GRAINS							
	Calcareous							
	Foraminifera							
	Planktonic foraminifera							
	Benthic foraminifera							
	Nannofossils							
	Coccoliths							
9.	Discoasters							
•	Pteropods							
	Siliceous							
	Radiolarians							
	Spumellaria							
	Nassellaria							
29	Diatoms							
	Centric							
	Pennate							
	Chaetoceros Resting Spores							
	Silicoflagellates							
	Sponge spicules							
	Dinoflagellates							
	Others							
	Pollen							
	Organic debris							
	Plant debris							
	Ebridians							
	Echinoderm							
	Fish remains (teeth, bones, scales)							
	Bryozoans							
	Bivalves							
	Others							

l en	Site	Hole	Соге	Туре	Sec	Interva	l (cm)
Leg	Site	Hole	Core	Type	360	Тор	Bottom
823	BIS	E	10	H	34	20	

Sediment/Rock Name	diaton-bearing sand		Observer A	Rira	
	0	Sand	Percent Texture		

Percent Texture	
Silt	Clay
20	5
	Percent Texture Silt

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL
	Framework minerals
40	Quartz
	Feldspar
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
52	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Zoomo
	Opaque minerals
1	Pyrite
	Magnetite
	Fe-oxide
	, o oxido
	Carbonates
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain
	Lithic grain
	Littlic grain

Percent	Component							
BIOG	ENIC GRAINS							
	Calcareous							
	Foraminifera							
	Planktonic foraminifera							
	Benthic foraminifera							
	Nannofossils							
	Coccoliths							
4/	Discoasters							
	Pteropods							
	Siliceous							
	Radiolarians							
	Spumellaria							
0	Nassellaria							
	Diatoms							
	Centric							
	Pennate							
_	Chaetoceros Resting Spores							
	Silicoflagellates							
	Sponge spicules							
	Dinoflagellates							
	Others							
	Pollen							
	Organic debris							
	Plant debris							
	Ebridians							
	Echinoderm							
	Fish remains (teeth, bones, scales)							
	Bryozoans							
	Bivalves							
	Others							
	Othoro							

Leg	Site	Hole (Sec	Interv	al (cm)
			Core	Туре		Тор	Bottom
323	1345	E	1()	H	4	98	

Sediment/Rock Name	diaton-bains	Sandy	Silte		Observer	Oliva
	GIII COM COLLING	Surely),,,,	Sand	Percent Textu	re

Percent	Component
	CICLASTIC GRAINS/MINERAL
OILI	Framework minerals
19	Quartz
7	Feldspar 2
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
7/	Rock fragments 7
	Trook magnions
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
1.1	Clay Minerals
- 1	Chlorite
	Glauconite
	Chert
	Zircon
17	Ferromagnesium minerals
	- Cromagnoonan minerale
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Zeonte
	Opaque minerals
7	Pyrite 9
	Magnetite
	Fe-oxide
	1 C-OXIGE
	Carbonates
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
17	Vitric grain 2
-	Lithic grain

Percent	Component								
BIOGE	ENIC GRAINS								
	Calcareous								
	Foraminifera								
	Planktonic foraminifera								
	Benthic foraminifera								
	Nannofossils								
	Coccoliths								
· ·	Discoasters								
	Pteropods								
	1 teropous								
	Siliceous								
	Radiolarians								
	Spumellaria								
	Nassellaria								
1.7	Diatoms 3								
	Centric								
	Pennate								
	Chaetoceros Resting Spores								
	Silicoflagellates								
4	Sponge spicules								
	Dinoflagellates								
	Others								
	Pollen								
	Organic debris								
	Plant debris								
	Ebridians								
	Echinoderm								
	Fish remains (teeth, bones, scales)								
	Bryozoans								
	Bivalves								
	Others								

Leg	Site	Hole	Core	Type Sec	Interva	l (cm)	
Leg		TIOLE	Out		560	Тор	Bottom
373	1364	E	10	H	5	20	

Sediment/Rock Name	Alith Deal e-	wich diatem	Vich	silt.	Observer	Ser 7a
	A	101	va fram-	Sand	Percent Texture	Clay

Percent	Component
	CICLASTIC GRAINS/MINERAL
	Framework minerals
15	Quartz (
9	Feldspar <
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Zeone
	Opaque minerals
G	Pyrite 3
- (Magnetite
	Fe-oxide
29	Carbonates 10 anagoniti
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
3	Crystal grain /
	Vitric grain
	Lithic grain

Percent	Component
BIOGI	ENIC GRAINS
	Calcareous
K	Foraminifera
3	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
- Le	Coccoliths /
7.	Discoasters
_	Pteropods
	T Gropodo
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
15	Diatoms
/)-	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Dinonagonatos
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

		Expedition 323 Bering Sea			. =)
	Graphic Representation	Color	Lthology	Bioturbation	orructures/Accessones Orilling Dist.	Lithology Minor Lithology Wisual Core description	
10 20 30 340 450 50 60 570 680 1790 100 110	V	62. 62. 62. 63. 63. 63.			INO STATE OF THE PROPERTY OF T	At 62 authorite 116-146 speek pylite 49-50 spelfer subangalar 110-120. 53-60 Lam. 118-117 authorite 68-74 authorite 132-5 lam. 87-103 lam. 827-49-cc. 10 Lam. 43 107-9/1 laminated with 57-3/2. 57-3/2.	-1A-55 authogonic control - Vick diatom site - 17A-20 diatom boaring Sitey clay
	1			Obser	rver:	Date:	<i></i>

Lag	Site	Hole	Соге	Туре	Sec	Interva	l (cm)
Leg	Site	Hole	Core	Type	Sec	Тор	Bottom
323	U1345	E	11	H	A	SScm	

Sediment/Rock Authignic Caromate ran diatum sit Observer

	Percent Texture	
Sand	Silt	Clay
- 1		

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL
	Framework minerals
10	Quartz
	Feldspar
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	0
-	Opaque minerals
ک_	Pyrite
	Magnetite
	Fe-oxide
	Carbonates
68	Calcite "nudus"
7	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain
	Lithic grain

Percent	Component						
BIOC	SENIC GRAINS						
	Calcareous						
	Foraminifera						
	Planktonic foraminifera						
	Benthic foraminifera						
	Nannofossils						
	Coccoliths						
	Discoasters						
	Pteropods						
	Тегородо						
	Siliceous						
	Radiolarians						
	Spumellaria						
	Nassellaria						
10	Diatoms						
	Centric						
	Pennate						
	Chaetoceros Resting Spores						
	Silicoflagellates						
	Sponge spicules						
	Dinoflagellates						
	Othors						
	Others Pollen						
	Organic debris						
	Plant debris						
	Ebridians						
	Echinoderm						
	Fish remains (teeth, bones, scales)						
	Bryozoans						
	Bivalves						
	Others						

	0.11	[_	Type Sec		Interva	l (cm)
Leg	Site	Hole	Core		e Sec	Тор	Bottom
323	U1345	E	11	H	6A	90cm	

Sediment/Rock Diatom-nch clayey silt

Observer Both

	Percent Texture	
Sand	Silt	Clay
In	<1)	UD

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL
	Framework minerals
15	Quartz
3	Feldspar
	K-feldspar (Orthoclase, Microcline)
4_	Plagioclase
5	Rock fragments
	Accessory/trace minerals
5	Micas
	Biotite
20	Muscovite Clay Minorals
00	Clay Minerals Chlorite
	Glauconite
	Chert
	Zircon Ferromagnesium minerals
	r erromagnesium minerais
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
5	Pyrite
	Magnetite
	Fe-oxide
	Carbonates
	Calcite
5	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
15	Vitric grain
• -	Lithic grain

Percent	Component							
BIOG	SENIC GRAINS							
	Calcareous							
	Foraminifera Planktonic foraminifera							
	Benthic foraminifera							
	Nannofossils							
	Coccoliths							
*	Discoasters							
	Pteropods							
	Siliceous							
	Radiolarians							
	Spumellaria							
	Nassellaria							
	Diatoms							
20	Centric							
	Pennate							
	Chaetoceros Resting Spores							
	Silicoflagellates							
	Sponge spicules							
	Dinoflagellates							
	Othoro							
	Others							
	Pollen							
	Organic debris Plant debris							
	Ebridians							
	Echinoderm Echinoderm							
	Fish remains (teeth, bones, scales)							
	Bryozoans							
	Bivalves							
	Others							

100	OÜ.		0	Turk	Sec	Interval	l (cm)	
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom	
323	V134S	E	11	tì	7A	Wan		

Sediment/Rock Name	Diatum-bearing	silty cla		Observer	Beh
	V	,		Percent Textu	ге
		I.	Sand	Silt	Clay

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL
	Framework minerals
20	Quartz
	Feldspar
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
10	Rock fragments
	Accessory/trace minerals
40	Micas
	Biotite
	Muscovite
	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
5	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
10	Zeolite
	Opaque minerals
5	Pyrite
	Magnetite
	Fe-oxide
	Carbonates
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain
	Lithic grain

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

_____ Date: ___

,			E	expedition 323 Bering Sea								
				berning sea			ories	Ma	jor Li	thology	Minor Lithology	_
			io			_	cess			WE HOTTER		
			Graphic Representation	5	Lithology	Bioturbation	Structures/Accessories	Drilling Dist.	Samples	\$ - GEBUNSE	on the cus	
			Ret Gra	Color	雪	음	Stru	<u>D</u>	San	Visual Core description		
23	10 ~ —	Librilian		3/14	DLATON. RICH CLAYEY SELT	58 76 0		1		LAMINATES	#	
	-	Ξ			3 20	107	N.M	1		SAND HOTTLES		
3	40	THE LEGICAL SECTION								8		
4	50					50 55	H	1	97	SAND MOTTLES		
Ţ	60	且		i ii				412	10 4			
5	70	1111			30 cm, proid			4回シ	7.	CANIMATOS		
IAS:		=				o		4	1:0	←)		
6	- 80	TIT	125			39						
-	90	-			DIATIN-NICH			1	Н			
7	100		120	10/14/1	Chay							
c -		目		1043/141	COME DIAGO	E.R.	cu S	IL	г			
m	110	目		1043/141	- 7			1	П			
610 1	120	11111			doca							
	130	Act of the										
	140											
		=										

	0.1		_		0	Interva	l (cm)
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
323	138	E	12	H	64	25	

Sediment/Rock Name	diatom-rich claver site	Observer	akiru
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Percent Texture
Sand Silt Clay

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL
- 10	Framework minerals
1.7	Quartz 5
3	Feldspar /
	K-feldspar (Orthoclase, Microcline)
7	Plagioclase
——————————————————————————————————————	Rock fragments 2
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
17	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
10	Pyrite 3
	Magnetite
	Fe-oxide
	Carbonates
10	Calcite 3 Foran?)
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
3	Vitric grain /
	Lithic grain

Percent	Component
	ENIC GRAINS
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
3.	Discoasters
T)	Pteropods
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
23	Diatoms / O
	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Dillonagenates
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

	0.11-	T		Caa	Interva	l (cm)	
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
323	1345	F	12	H	74	25	

Sediment/Rock Name	diatom-vich	site y de	î×	Observer	akira
	0(0	, , ,	/ _	Percent Textur	re
			Sand	Silt	Clay

Percent	Component
	CICLASTIC GRAINS/MINERAL
	Framework minerals
X	Quartz 3
5	Feldspar 2
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
8	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
25	Clay Minerals / ()
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals \mathcal{O} ,
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
5	Pyrite
	Magnetite
	Fe-oxide
	Carbonates
5	Calcite 2
2	Dolomite
VOI	CANICLASTIC GRAINS
-	Crystal grain Z
	Oryotal grain Z
	Vitrio grain
	Vitric grain
	Lithic grain

Percent	Component
BIOGI	ENIC GRAINS
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
i.N.S	Discoasters
	Pteropods
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
37	Diatoms
	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
-	Sponge spicules
	Dinoflagellates
	Birioriagenates
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Biyalves
	Others
	Others

	014-	11.1.		Type Sec		Interval (cm)	
Leg	Site	Hole	Core	Type	Sec	Тор	Bottom
323	1345	E	12	4	5	25	

Sediment/Rock Name	authiaenic carbonate-rich		Observer	akira
			Percent Texture	9
	Nintra with Oil	Sand	Silt	Clay
	CHORONT FIGHT 3/10	30.	577	20

D	I Commonwel
Percent	COMPONENT CICLASTIC GRAINS/MINERAL
SILIC	
7/7	Framework minerals Quartz
	Feldspar
	K-feldspar (Orthoclase, Microcline)
14	Plagioclase
	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	1 Chomagnesiam minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
7	Pyrite >
	Magnetite
	Fe-oxide
24	Carbonates 7 and gentle
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain 3
	Lithic grain

Percent	Component
BIOG	ENIC GRAINS
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
1.87	Discoasters
	Pteropods
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
74	Diatoms 7
	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Others
	Pollen
-	Organic debris
-	Plant debris
	Ebridians
-	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

Į.	Expedition 323 Bering Sea		_	i 			
	Graphic Representation Color	Lithology	Structures/Accessories	Drilling Dist.	Lithology	Minor Lithology	
1 10 2 20	V 143	142 1	5 3	E	-60 Sec. 1,53-5023 104-106 febb 1 125-126 metel	ounted.	
3 ₃₀	1 52	2 V	N N	V	106-108 spent	ge 111-112 skell 57-96 lam	
50	76	,5,	57 57 67	T. Cy	163 - Sard Mills Sect. 136 - Sect. 5		
6 70 80	V 109 V 28		63 65 67 72	XI V	See 5 500 V		
7 8 CC 100					- 161 - 59 - 24		-7A-60cm clayey sile
110					24-35 PAL	clayey silt.	
130 140					107 3/1 107 F/1	r.	unina)
r.	[<u></u>		Observer	<u> </u>	200 VIC 3	Date:] -

	Cito	Liele	C	T	Saa	Interval (cm)	
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
	1345	E	15		7	60cm	

Sediment/Rock Name BULLI CLAYEY SILT

Observer

INA



Sand	Silt	Clay
------	------	------

19		_
	Percent	Component
	SILIC	ICLASTIC GRAINS/MINERAL
7 0 -/	25 11/2	Framework minerals
247 13%	- PH1	7 Quartz
(3)	4V/y	≥ Feldspar
		K-feldspar (Orthoclase, Microcline)
1.5	fa Ve	Plagioclase
13/-	- 24	3 Rock fragments
20	- 3	A a a a a a w //wa a a wain a wala
		Accessory/trace minerals
		Micas
		Biotite
1.5		Muscovite
401.	2	10 Clay Minerals
11		Chlorite
		Glauconite
		Chert
		Zircon
		Ferromagnesium minerals
		Authigenic minerals
		Barite
		Phosphorite/Apatite
		Zeolite
, ,	1	Opaque minerals
91	一 家/	Pyrite
'	*	Magnetite
		Fe-oxide
		Carbonates
		Calcite
		Dolomite
	VOLC	CANICLASTIC GRAINS
		Crystal grain
)]		
- 4		Vitric grain
		Lithic grain
15		

Percent	Component
BIOG	SENIC GRAINS
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
*	Discoasters
*)	Pteropods
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
27	Diatoms
~	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves Others
	Ouicis

	E	xpedition 323 Bering Sea			ories	Maj	or L	ithology Minor Lithology
	Graphic Representation	Color	Lithology	Bioturbation	Structures/Accessories	Drilling Dist.	Samples	Visual Core description
10 20 30 40 50 60 70 80 90 110 110		4/N+ 104411 (80120)		mod.	97	slight (void) slight!		22-26 and Carl. pakel, soft, light colour 116-120 " " ", " , " , " , " , " , " , " , " ,

Date:

Expedition 323 Bering Sea Minor Lithology Structures/Accessories Major Lithology Graphic Representation Bioturbation Drilling Dist. Color Visual Core description 10 57-64 med parallel lown. 20 30 64 50 60 70 4-79 sandy mothes
37-113 pyrite mothes 90 100 110 120 130

Observer:

Date:

Expedition 323 Bering Sea Major Lithology Structures/Accessories Minor Lithology Graphic Representation Bioturbation Drilling Dist. Color Visual Core description Sandy mode, Hr. 10 20 Bow 91 50 60 80 90 100 110 120 130 140

Observer: _

Expedition 323 Bering Sea Structures/Accessories Major Lithology Minor Lithology Graphic Representation Bioturbation Drilling Dist. Visual Core description

Observer:

100	Olle		0	T	Caa	Interva	l (cm)
Leg	Site	Hole	Соге	Туре	Sec	Тор В	Bottom
323	1345	E	1514		/Δ	25	

	1		1
Sediment/Rock Name Silty (au		Observer	Him
		Percent Texture	
	Sand	Silt	Clay

Percent	Component
SILI	CICLASTIC GRAINS/MINERAL 37
	Framework minerals
55	Quartz)
	Feldspar
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
6	Rock fragments /
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
18	Clay Minerals
/ 8	Chlorite
	Glauconite
	Chert
	Zircon
/2_	Ferromagnesium minerals 2
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Zeonte
	Opaque minerals
6	Pyrite /
	Magnetite
	Fe-oxide
	Carbonates
	Calcite
	Dolomite
	Boloniko
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain
	Lithic grain

Percent	Component
BIOG	ENIC GRAINS 3
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
	Discoasters
11	Pteropods
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
3 (Diatoms
- 2	Centric
	Pennate Chapterer Besting Sperce
	Chaetoceros Resting Spores Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Other
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

	014-		0	Type Sec	Interva	l (cm)	
Leg	Site	Hole	Hole Core		Sec	Тор	Bottom
323	134	E	151-0		24	39	

Sediment/Rock Name	Dicton - rich	Clauses Silt	Observer Him
		11 (1	Franci Techno

Sand Silt Clay

	T
Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL \$3 \$6
33/3	F 1 2011 F 11 2 11 11 11 11 11 11 11 11 11 11 11 1
9	Quartz 2
10 13	Feldspar 9 2
	K-feldspar (Orthoclase, Microcline)
A) =	Plagioclase
	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
5 / / / / / / / / / / / / / / / / / / /	Muscovite
37 44	Clay Minerals /7
	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigonia minorale
	Authigenic minerals Barite
	1
-	Phosphorite/Apatite Zeolite
	Zeonie
	Opaque minerals
10 档	Pyrite 2
	Magnetite
	Fe-oxide
	I C-OXIGE
	Carbonates
	Calcite
	Dolomite
	Doloniko
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain
	Lithic grain

Percent	Component							
BIOG	ENIC GRAINS F7 /Y							
	Calcareous							
	Foraminifera							
	Planktonic foraminifera							
	Benthic foraminifera							
	Nannofossils							
	Coccoliths							
	Discoasters							
	Pteropods							
	Siliceous							
	Radiolarians							
	Spumellaria							
	Nassellaria							
19 190	उ Diatoms							
14.	Centric							
	Pennate							
	Chaetoceros Resting Spores							
	Silicoflagellates							
	Sponge spicules							
	Dinoflagellates							
	Othoro							
	Others Pollen							
	Organic debris Plant debris							
	Ebridians							
	Echinoderm							
	Fish remains (teeth, bones, scales)							
	Bryozoans							
	Bivalves							
	Others							

22 935	2000	22-2-		440000		Interva	l (cm)
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
₹2३	1345	6	164		ZA	Gru	
	1271	122	131-1	لسل		1. Check	

	<u> </u>		E			
Sediment/Rock Name	Diatom - rich	Clan	(Pyrite)	Observer	Him
		0	Г		Percent Texture	
			1	Sand	Silt	Clay

Percent	Component
SILI	CICLASTIC GRAINS/MINERAL
	Framework minerals
11 #3	Quartz /
	Feldspar
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
1/	Clay Minerals /
19	Chlorite
	Glauconite
	Chert
	Zircon
	Ferromagnesium minerals
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Zeonte
	Opaque minerals
H 30	Pyrite 4
-	Magnetite
	Fe-oxide
	Carbonates
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
	\
	Vitric grain
	Lithic grain

Percent	Component
BIOG	SENIC GRAINS
	Calcareous
	Foraminifera
	Planktonic foraminifera
	Benthic foraminifera
	Nannofossils
	Coccoliths
	Discoasters
E:	Pteropods
	Siliceous
	Radiolarians
	Spumellaria
	Nassellaria
33 \$4	3 Diatoms
	Centric
	Pennate
	Chaetoceros Resting Spores
	Silicoflagellates
	Sponge spicules
	Dinoflagellates
	Others
	Pollen
	Organic debris
	Plant debris
	Ebridians
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bryozoans
	Bivalves
	Others

	011-		0	T		Interv	al (cm)
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
323	134 5	E	151-1		SA	70	

Sediment/Rock Name	Diatom - bearing silt		Observer	Him
	Q	Sand	Percent Textur	e Clay

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL 93
	Framework minerals
68	Quartz 40
	Feldspar
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
2	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
3	Clay Minerals >
	Chlorite
197	Glauconite
100	Chert
	Zircon
17	Ferromagnesium minerals /o
51	
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
5	Pyrite 3
	Magnetite
	Fe-oxide
	Carbonates
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
2	Vitric grain /
	Lithic grain

Percent	Component					
BIOGI	ENIC GRAINS					
	Calcareous					
	Foraminifera					
Planktonic foraminifera						
	Benthic foraminifera					
	Nannofossils					
	Coccoliths					
	Discoasters					
	Pteropods					
	1					
	Siliceous					
	Radiolarians					
	Spumellaria					
	Nassellaria					
5	3 Diatoms					
	Centric					
	Pennate					
	Chaetoceros Resting Spores					
	Silicoflagellates					
	Sponge spicules					
	Dinoflagellates					
	Others					
	Pollen					
	Organic debris					
	Plant debris					
	Ebridians					
	Echinoderm					
	Fish remains (teeth, bones, scales)					
	Bryozoans					
	Bivalves					
	Others					

Date:

Expedition 323 Bering Sea Major Lithology Minor Lithology Structures/Accessories Graphic Representation Bioturbation Drilling Dist. Visual Core description 1074/1(80/20) 10 20 36-122 pyrite mottes 75-85 graph. 30 40 50 60 70 90 100 74 110 120 106 130

Observer:

- In approximation of well-			expedition 323 Bering Sea			ssories	Ma	jor L	ithology Minor Lithology
79 sandy (ayer 1) 100 100 100 100 100 100 100		Graphic Representation	Color	Lithology	Bioturbation	Structures/Acce	Drilling Dist.	Samples	Visual Core description
	20 30 40 50 60 70 80 90 110 110		10/4/1		Т	Str.	a Wight		Sandy moltles the. 73 sandy Cayer and 118-113 pebble, green well-rounded 146-4(sect. 4) lianzon of dispend fine pebbles, yellowish 18-19 pebble, black, well- rounded 77-83 course pebble, black, well-mounded

Date:

Expedition 323 Bering Sea Structures/Accessories Major Lithology Minor Lithology Graphic Representation Bioturbation Drilling Dist. Color Visual Core description 104411 Sandy potches + streaks 20 102-104 god, 30 103-107 light auth. carl. layer 107-108 grad. 50 60 70 80 90 21-23 coarse pelble, grey, suo angular 100 110 59-71 semilite ante 120 Carts. laner, light 70-75 grad-137 93 shell 130 140

Observer:

{	Expedition 323 Bering Sea	3		ories	Ma	jor L	ithology	Minor Lithology
Graphic Representation	Color	Lithology	Bioturbation	Structures/Accessories	Drilling Dist.	Samples	Visual Core descript	cion
11111	1043/1		?		55		13 chill	Sandy moltles
			mod.					Mac
	4				0 4V		46	
	manus report of the Community against and control				νď.		45	
1								
11111111								
1								
			<u> </u>	bserver:				Date:

Log	Cita	ita IIIala Cara Tura				Saa	Interva	ıl (cm)
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom	
323	1345	F	16H		TELA	6.	6	

Sediment/Rock Name	Diatom-rich silt.		Observer	fin
	N		Percent Texture	
		Sand	Silt	Clay
	Clayey			

Comments:

Camination "

Percent	Component
	CICLASTIC GRAINS/MINERAL 69
	Framework minerals
57	Quartz /5
4	Feldspar /
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
	Rock fragments
	M
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
4	Ferromagnesium minerals /
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
4	Pyrite /
	Magnetite
	Fe-oxide
	Carbonates
	Calcite
	Dolomite
VOL	CANICI ACTIC CDAING
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain
	Lithic grain

Percent	Component								
BIOG	ENIC GRAINS 3/								
	Calcareous								
Foraminifera									
	Planktonic foraminifera								
	Benthic foraminifera								
Nannofossils									
	Coccoliths								
*	Discoasters								
	Pteropods								
	law.								
	Siliceous								
	Radiolarians								
	Spumellaria								
	Nassellaria								
27	7 Diatoms								
	Centric								
	Pennate								
	Chaetoceros Resting Spores								
	Silicoflagellates								
3 #	/ Sponge spicules								
	Dinoflagellates								
	Othoro								
	Others								
	Pollen								
	Organic debris Plant debris								
	Ebridians Echinoderm								
	Fish remains (teeth, bones, scales)								
	Bryozoans								
	Bivalves								
	Others								

1	Cika	Liala	C	Tuna	Caa	Interva	I (cm)
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
323	1345	E	164		3 A	50	

Sediment/Rock Name	51.		Observer	78
Vator - Dearing	SIL			7125
· ·			Percent Texture	
		Sand	SIII	Clay

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL 💃 🤈
	Framework minerals
75	Quartz 20
	Feldspar
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
4	Rock fragments /
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
4	Clay Minerals /
	Chlorite
	Glauconite
	Chert
	Zircon
4	Ferromagnesium minerals /
	A. Alainania nainanata
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
	Pyrite
	Magnetite
	Fe-oxide
	, o onido
	Carbonates
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS 73
	Crystal grain
- 4	Vitrio grain
3 \$	Vitric grain /
	Lithic grain

Percent	Component						
	ENIC GRAINS / D						
	Calcareous						
	Foraminifera Planktonic foraminifera						
	Benthic foraminifera						
	Nannofossils						
	Coccoliths						
2	Discoasters						
	Pteropods						
	Siliceous						
	Radiolarians						
	Spumellaria						
	Nassellaria						
8	2 Diatoms						
	Centric						
	Pennate						
	Chaetoceros Resting Spores						
	Silicoflagellates						
2 05	Sponge spicules						
	Dinoflagellates						
	Others						
	Pollen						
	Organic debris						
	Plant debris						
	Ebridians						
	Echinoderm						
-	Fish remains (teeth, bones, scales)						
	Bryozoans						
	Bivalves						
	Others						

Leg	Cito	Hole	Core Ty	Туре	pe Sec	Interval (cm)	
	Site					Тор	Bottom
323	1345	E	1611		6A	61	

Sediment/Rock Name	Diazon-rich	clay	Clay		Observer	Him
	N	0			Percent Textu	re
	Auth. Carb. rich		U	Sand	Silt	Clay
	Muir. larb. rick					

Percent Component SILICICLASTIC GRAINS/MINERAL Framework minerals Quartz Feldspar K-feldspar (Orthoclase, Microcline) Plagioclase Rock fragments
Framework minerals Quartz Peldspar K-feldspar (Orthoclase, Microcline) Plagioclase
 ✓ Quartz Feldspar K-feldspar (Orthoclase, Microcline) Plagioclase
Feldspar K-feldspar (Orthoclase, Microcline) Plagioclase
K-feldspar (Orthoclase, Microcline) Plagioclase
Plagioclase
I IVUN HAUHICHS
Trees and the second
Accessory/trace minerals
Micas
Biotite
Muscovite
Clay Minerals
Chlorite
Glauconite
Chert
Zircon
2 Ferromagnesium minerals /
Authigenic minerals
Barite
Phosphorite/Apatite
Zeolite
Opaque minerals
Pyrite
Magnetite
Fe-oxide
O a sh a a a sha a
Carbonates
75 30 40 Calcite Authogenic Carbanate
Dolomite
VOLCANICLASTIC GRAINS
Crystal grain
Orystal graill
Vitric grain
Lithic grain

Percent	Component					
	ENIC GRAINS / 9					
	Calcareous					
	Foraminifera					
	Planktonic foraminifera					
	Benthic foraminifera					
	Nannofossils					
	Coccoliths					
•	Discoasters					
14	Pteropods					
	Siliceous					
	Radiolarians					
	Spumellaria					
	Nassellaria					
	Diatoms					
19	/ Centric					
	Pennate					
	Chaetoceros Resting Spores					
	Silicoflagellates					
	Sponge spicules					
	Dinoflagellates					
	Othoro					
	Others Pollen					
	Organic debris					
	Plant debris					
	Ebridians					
	Echinoderm					
	Fish remains (teeth, bones, scales)					
	Bryozoans					
	Bivalves					
	Others					
	- Carloto					

	0.11				T	Interval (cm)	
Leg	Site	Hole	Core	Туре	Sec	Тор	Bottom
323	1345	E	16 Ff		7A	27	

Sediment/Rock Name	Dicton-rich	Sandy	silt	Observer Him
		0		Percent Texture

Sand Silt Clay

Percent	Component
SILIC	CICLASTIC GRAINS/MINERAL 77
	Framework minerals
45	Quartz /o
	Feldspar
	K-feldspar (Orthoclase, Microcline)
	Plagioclase
S	Rock fragments
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Clay Minerals
	Chlorite
	Glauconite
	Chert
	Zircon
9	Ferromagnesium minerals 5 2
	Authigenic minerals
	Barite
	Phosphorite/Apatite
	Zeolite
	Opaque minerals
14	Pyrite 3
	Magnetite
	Fe-oxide
	Carbonates
	Calcite
	Dolomite
VOL	CANICLASTIC GRAINS
	Crystal grain
	Vitric grain
	Lithic grain

Percent	Component					
BIOG	ENIC GRAINS 23					
	Calcareous					
	Foraminifera					
_	Planktonic foraminifera					
	Benthic foraminifera					
	Nannofossils					
	Coccoliths					
,	Discoasters					
	Pteropods					
	Siliceous					
	Radiolarians					
	Spumellaria					
	Nassellaria					
23	5 Diatoms					
	Centric					
	Pennate					
	Chaetoceros Resting Spores					
	Silicoflagellates					
	Sponge spicules					
	Dinoflagellates					
	Others					
_	Pollen					
	Organic debris					
	Plant debris					
	Ebridians					
	Echinoderm					
	Fish remains (teeth, bones, scales)					
	Bryozoans					
	Bivalves					
	Others					