

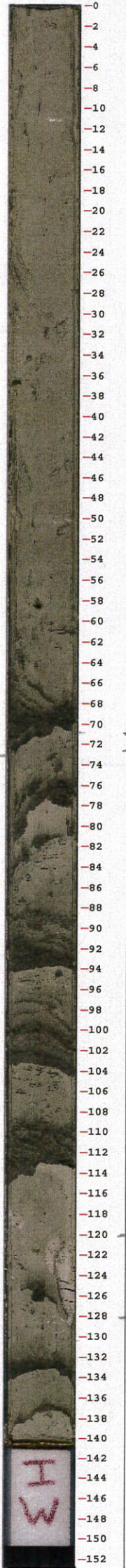
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Homogeneous Mud	AF	14/3
Comments/Sketches										

CM Scale

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CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
-0											
-2											
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-60											
-62											
-64											
-66											
-68											
-70											
-72	Bedding		90	22	180	10					v. wiggly bedding plane → b/ft erosion surface (?) and sandy turbidite, confidence = 2
-74	b/f										
-76	71-										
-78	73										
-80	cm										
-82											
-84											
-86											
-88											
-90											
-92											
-94											
-96											
-98											
-100											
-102											
-104											
-106											
-108											
-110											
-112											
-114	bedding		270	3	0	16					uneven bedding plane → b/ft erosion surface and beginning of next turbidite, conf = 3
-116	b/f										
-118	114- 115										
-120											
-122	disrupted tephra layer										from 121 to 130 cm → disrupted tephra layer
-124											
-126											
-128											
-130											
-132											
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-148											
-150											
-152											



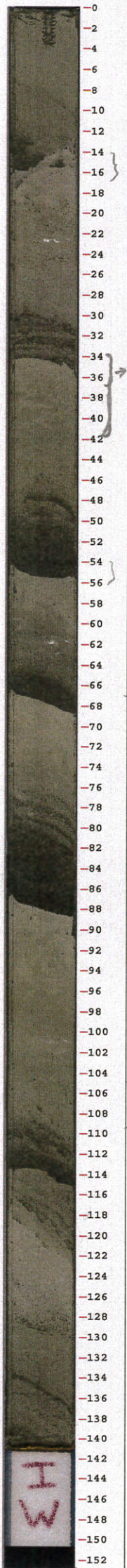
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
		090	55							
		090	60							10-14 bedding 12-16 bedding
bedding @ 23 cm		270	2	0	26					bedding plane b/t erosion surface + beginning of next turbidite, conf = 3
		270	25							45-48 <u>erosional bedding</u>
		270	5							62-63, sharp bedding
bedding @ 103 cm		270	23	0	22					bedding plane b/t erosion surface + beginning of next turbidite
bedding @ 138 cm		270	11	0	5					bedding plane b/t erosion surface + beginning of next turbidite

CM Scale

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CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
0											
-2											
-4											
-6											
-8											
-10											
-12											
-14											
-16			090	37°							14-16 bedding (M.W) emerald
-18											
-20											
-22											
-24											
-26											
-28											
-30											
-32											
-34	normal fault		090	82°							normal fault : 5mm offset . 34-42
-36	→ fault										→ base of turbidite
-38											
-40											
-42											
-44											
-46											
-48											
-50											
-52											
-54											
-56											
-58											
-60											
-62											
-64											
-66											
-68	S ₀ 67		270	29	180	15					54-55 bedding Sharp base of turbidite
-70											
-72											
-74											
-76											
-78											
-80											
-82											
-84											
-86	S ₀ 82		270	15	180	15					Sharp base of turbidite
-88											
-90											
-92											
-94											
-96											
-98											
-100											
-102											
-104											
-106											
-108	S₀ 090										
-110											
-112											
-114											
-116											
-118			090	836							118-121 : bedding gradual (M.W)
-120											
-122											
-124											
-126											
-128											
-130											
-132											
-134											
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-152											



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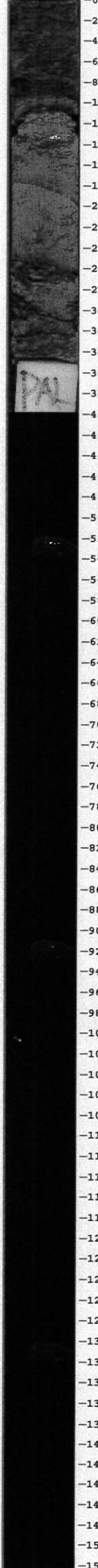
CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
0											
-2	50		270	23	180	7					Confidence 2
-4											
-6											
-8											
-10											
-12											
-14	15										
-16											
-18											
-20											
-22											
-24											
-26											
-28											
-30											
-32											
-34	33-35	2cm									tephra layer, cross cut muddy layer below
-36											
-38											
-40											
-42											
-44											
-46											
-48											
-50											
-52											
-54											
-56											
-58											
-60											
-62											
-64											
-66	sandy layer b/t		90	49	0	10					sandy layer possibly injection feature
-68	64-69cm										Conf. 2
-70											
-72											
-74											
-76											
-78											
-80											
-82											
-84											
-86											
-88											
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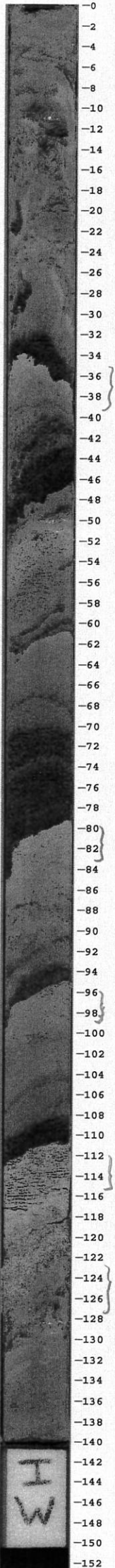
Expedition 375

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CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
0											
-2											
-4											
-6											
-8											
-10											
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-148											
-150											
-152											



CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M.W J.M	15/3
-36	bedding	}	270°	30°	0°	13					35~39 irregular bedding
-48											47~52 irregular bedding
-48	bedding	}	090°	36°							62~64
-62											82~83, sharp bedding
-62	bedding	}	090°	24°	321	0					96~99, sharp bedding
-82											111~114, sharp bedding
-82	bedding	}	090°	26°							122~128, sharp bedding, tephra on mud
-112											
-112	bedding	}	090°	24°							
-122											<p>270° — 90°</p> <p>130°</p>



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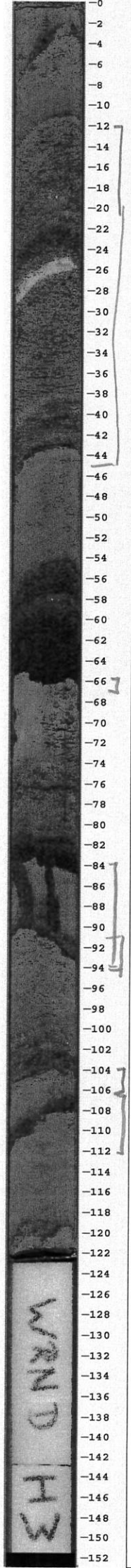
CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:	
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	MW JM	15/3	
0												
-2												
-4												
-6												
-8												
-10												
-12												
-14	bedding	090	45°									
-16												
-18												
-20												
-22												
-24												
-26												
-28	bedding	090	20									
-30												
-32												
-34												
-36												
-38												
-40												
-42												
-44	fault	270	55°									
-46												
-48												
-50												
-52												
-54												
-56												
-58	bedding	090	34°									
-60												
-62												
-64												
-66												
-68												
-70												
-72												
-74												
-76												
-78												
-80												
-82												
-84												
-86												
-88												
-90	bedding	090	3°	180	13							
-92												
-94												
-96												
-98												
-100												
-102												
-104												
-106												
-108												
-110												
-112	bedding	090	40°									
-114												
-116												
-118												
-120												
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-124												
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WAND H3

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	MW JM	15/3
-8	ft		270	66	026	00					
-10									Normal faults x-cut bedding 7-13		
-18	bed		090	26							
-28	Fault complex		270	30							
-34			090	67							
-52	bed		090	58					51-57, bedding		
-68	bed		090	45					67-70		
-76	bed								74-90 irregular bedding possibly faulted??		
-84			090	50					84-88, (090, 50) bedding		
-106	irreg. bedding								105-130 - turbidite contact, steep, irregular (steep) geometry		
-134	bedding		090	50					134-140, gradual bedding (090, 50)		

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CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	MW JM	15/3
-0											
-2											
-4											
-6											
-8											
-10											
-12											
-14		warping bedding									12-44, warped bedding overall
-16											
-18											
-20											
-22		ash layer									
-24											
-26											
-28											
-30											
-32											
-34											
-36											
-38											
-40											
-42											
-44			090	26							lowest bed, approximate dip
-46											
-48											
-50											
-52											
-54											
-56											
-58											
-60											
-62											
-64											
-66											
-68											
-70											
-72											
-74											
-76											
-78											
-80											
-82											
-84											
-86											
-88											
-90											
-92		bedding									
-94			270	25							84-94, mud unit w/ two bioturbation tubes filled with sand
-96											
-98											
-100											
-102											
-104		bedding	090	27							
-106											
-108		fault	090	67	000	00					
-110											
-112											
-114											
-116											
-118											
-120											
-122											
-124											
-126											
-128											
-130											
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-140											
-142											
-144											
-146											
-148											
-150											
-152											



warping bedding

ash layer

bedding

bedding

fault

12-44, warped bedding overall

lowest bed, approximate dip

66-67, erosional contact, sub-horizontal

84-94, mud unit w/ two bioturbation tubes filled with sand

91-94, sharp contact, (270, 25)

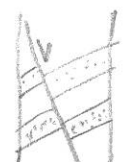
104-106, bedding
107-112, offset bed (normal)
fault - 2.1 cm cm offset

W&ND H3

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M. W. JM	7/5/13
-18	bedding		270	5°							17~18 Sharp bedding
-27	bedding		270	70							27~28 Sharp bedding
-35	bedding		090	5°							35~37, Sharp bedding
-50	bedding		090	9°							50~52, Sharp bedding.
-70	bedding		090	90°							70~71, Sharp bedding
-76	bedding		090	90	180	5°					76~77, Sharp bedding.
-90	bedding		090	10°							90~92, Sharp bedding.
-107	bedding		090	220							<u>107~111, Sharp</u>
-127	bedding		090	80	0°	0°					127~130, Sharp bedding.

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CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS/AF	3/15/18
0											
-2											
-4											
-6											
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-10											
-12											
-14											
-16											
-18											
-20											
-22											
-24											
-26											
-28											
-30											
-32											
-34											
-36	bedding		090	35	15	0					base of turbidite @ 36 cm
-38											
-40											
-42											
-44											
-46											
-48			270	49	346	0					46-57 cm - small fault, apparent normal offset, 9 mm offset
-50											
-52											
-54											
-56			270	70							57-76 cm - small apparent normal fault, 11 mm offset
-58											
-60											
-62											
-64	fault										59-77 cm - normal fault
-66											
-68											
-70											
-72											
-74											
-76	bedding		090	36	180	1					tephra layer, 15 mm thick
-78											
-80											
-82											
-84	bedding		090	7	6	0					turbidite contact
-86											
-88											
-90											
-92											
-94	bedding		090	11	180	7					tephra layer centered @ 93 cm, some soft sed. del.
-96											
-98	fault?		090	88							Small deformation, possibly fault, could be due to drilling, apparent disp. = 22 mm
-100											
-102											
-104											
-106											
-108											
-110											
-112											
-114											
-116											
-118											
-120											
-122											
-124											
-126											
-128											
-130											
-132											
-134											
-136											
-138											
-140	139 cm										- horizontal frac. → prob. drill. disturb.
-142											
-144											
-146	bedding		090	17	30						turbidite contact, representative bedding from 94-152 cm
-148											
-150											
-152											



Handwritten initials or signature in a circle.

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS/AF	3/15/18
-2	fault	bedding	90	63	0	333			Small apparent normal fault from 2-13 cm, 55 mm apparent offset		
-6			90	11	0	11					
-18	fault	21	270	60					Small apparent normal fault, from 12-21 cm, ~10 mm apparent offset		
-20			337	0							
-84	bedding		090	10	0	7			- representative bedding from 38-140 cm		
-129	bedding		090	16	180	35			fault small apparent normal, from 125-132 cm, 18 mm offset		
-136			090	75	015	0					
-130									- possibly second fault @ similar offset and strike, but could be disturbed		
-130									- from 130-136 cm		

whole core shows moderate drag on east side

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF/AS	3/15/18
0											
-2											
-4											
-6											
-8	bedding		090	22	000	1			- turbidite contact @ 8cm		
-10									- drilling disturbance @ 59 cm on west side		
-12											
-14											
-16											
-18											
-20											
-22	fault		270	68	330	0			- small apparent normal fault from 14-29 cm, offset = 10 mm		
-24											
-26											
-28											
-30											
-32											
-34											
-36	fault		090	82	15	0					
-38											
-40	sf bed		270	1	0	14			• 27-42 cm, tephra grading to silty-mud offset by fault		
-42									• somewhat curved, normal fault, app. offset = 29 mm		
-44									ADD		
-46											
-48									@ 39 cm, tephra bed, sharp		
-50											
-52											
-54											
-56											
-58											
-60											
-62											
-64											
-66											
-68											
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-148											
-150											
-152											

from 50-152 cm → destroyed by drilling, convex folds

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
0											
-2											
-4											
-6											
-8											
-10											
-12											
-14											
-16											
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-42											
-44											
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-48											
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-52											
-54											
-56											
-58											
-60											
-62											
-64											
-66											
-68											
-70											
-72	bedding		210	2	0	5					
-74											
-76											
-78											
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0.25 cm, folded } destroyed

25-50 cm = soupy.

turbidite contact, sharp, representative fan
58-95 cm

95-146 cm, ~~at~~ severe drilling disturbance, folding



CM Scale

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF/HS	3/15/18
								Whole core ^{drilling} destroyed, convex folding		

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF/AS	3/15/18
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-6											
-8											
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-146											
-148											
-150											
-152											

0-31 cm SOUPY

31-100 cm, isoclinal folding

Whole core destroyed

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF & HS	15/3/18
0											
-2											
-4											
-6											
-8											
-10											
-12											
-14											
-16											
-18											
-20											
-22											
-24											
-26	S ₀		090	12	180	15			sharp base of turbidite @ 31cm		
-28									representative of S ₀ 25-32cm		
-30											
-32											
-34											
-36											
-38											
-40											
-42											
-44											
-46											
-48											
-50	S ₀		090	5	180	11			wavy base of turbidite		
-52											
-54											
-56											
-58											
-60											
-62											
-64											
-66											
-68											
-70											
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-114											
-116											
-118											
-120											
-122											
-124											
-126											
-128	S ₀		090	5	180	4			sharp base of turbidite		
-130											
-132											
-134											
-136											
-138											
-140											
-142											
-144											
-146											
-148											
-150											
-152											

← 0-8
disordered
(5m shed)

S₀

S₀

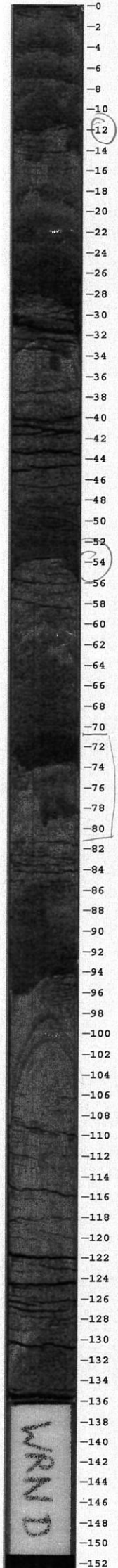
VOID

concave beds
→
93-107

void
79-83

8-141 has 200m bed fac 5

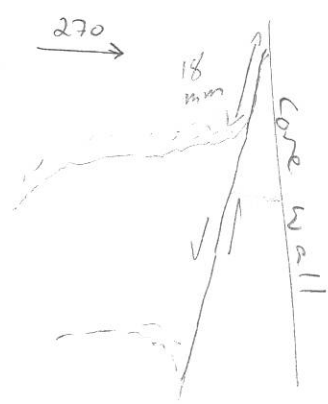
sharp base of turbidite



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF & HS	15/3/14
S ₀		HORIZONTAL		180	5					Wavy bedding @ 12cm
S ₀		HORIZONTAL		180	3					Bed, gradational, pulled down at core edges.
normal fault		270	71							@ 71-80 minor fault, 18mm apparent offset. Becomes with depth, presume drifting disturbance (concrete beds below)
										HORIZONTAL CRACKS THROUGHOUT

82-34-57: concrete up beds

97-110 concrete up beds



WRND

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	H.S. & AF	15/3/14
0											
-2											
-4											
-6											
-8											
-10											
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-54											
-56	S ₀		090	3	000	10					
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-72											
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-152											

3-8 concave, moderate

12-33 mid-core inflow severe

33-59 moderate convex beds

Sharp bed, pulled down at the edges

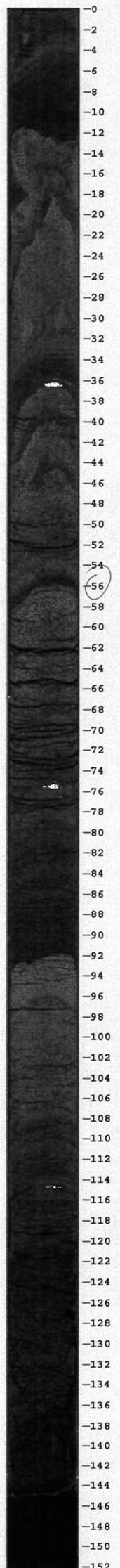
59-116

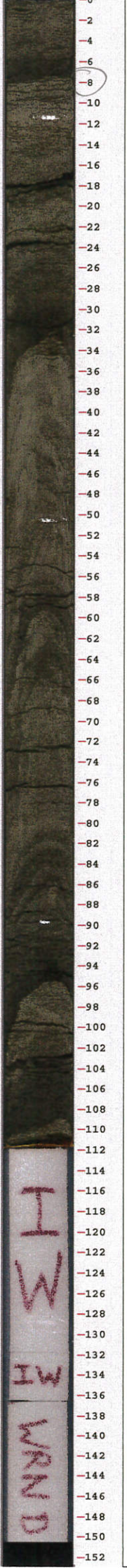
slight convex beds

125-144

severe fractured/disaggregated textures recognizable

0-145: horizontal cracks





Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
S ₀		90	6	140	8					
<p>Boddy, sharp turbidite base</p>										
<p>Concave up beds, severe</p>										
<p>Whole section is horizontally fractured</p>										

Expedition 375

375-U1518E-4H-CC-A | SHLF9392221

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
-0											
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-4											
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PAL

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS & AF	15/3/14

CM Scale

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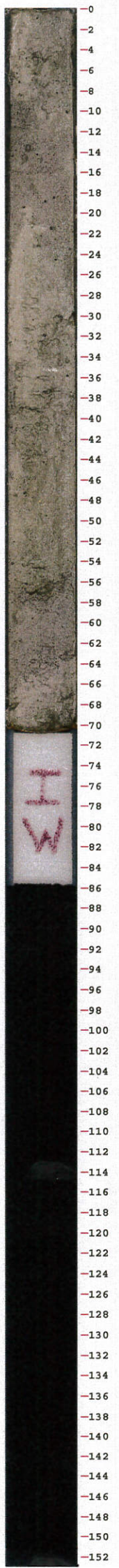
DESTROYED -

SOUPY

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF & HS	15/3/18
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DESTROYED

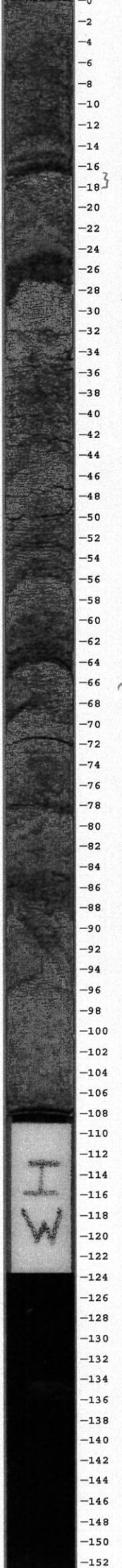
SOUP



CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS & AF	15/3
0											
-2											
-4											
-6											
-8											
-10											
-12	bedding		090	7	000	22					DD: 0-5 cm, drilling disturbance = ^{hor} fracturing
-14											
-16											
-18											
-20											
-22											
-24											
-26											
-28											
-30											
-32											
-34											
-36											
-38	bedding		090	4	000	16					@ 41 cm, sharp base of turbidite
-40											
-42											
-44											
-46											
-48											
-50											
-52											DD: 52-78 cm → moderate horizontal fracturing
-54											
-56											
-58											
-60											
-62	bedding		090	1	000	18					@ 64 cm, sharp base of turbidite
-64											
-66											
-68											
-70											
-72											
-74											
-76											
-78											
-80	bed										DD: @ 81 cm, gradational bed, concave up
-82											
-84											
-86											
-88											
-90											
-92											
-94											
-96											
-98											
-100											DD: from 78-122 cm → moderately
-102											convex beds
-104											
-106											
-108											
-110											DD: from 89-122 cm → fracturing, moderate
-112											
-114											
-116											
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-146											
-148											
-150											
-152											

DD = drilling disturbance

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M.W. J.M	16/3
0											
-2											
-4											
-6											
-8											
-10											
-12											
-14											
-16	bedding		090	11°	000	23°			17~18 bedding,		<u>1 confidence</u>
-18											
-20											
-22											
-24											
-26	bedding		270	5°					27~28, bedding		
-28											
-30											
-32											
-34											
-36											
-38											
-40											
-42											
-44											
-46											
-48											
-50											
-52											
-54											
-56											
-58											
-60											
-62											
-64											
-66	fault		270	57°					66~75, fault, 4.3 cm offset		
-68											
-70											
-72											
-74											
-76											
-78											
-80											
-82											
-84											
-86	270° 56°								88~97, Shear zone		
-88											
-90											
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-102											
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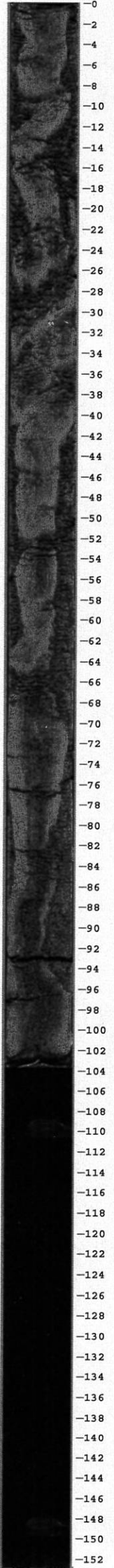
CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M.W. J.M.	16/3
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-12											
-14											
-16											
-18											
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-24	bedding		090	9°	000°	12°			24~25, sharp bedding		
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-92	bedding		270	3°							
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VOID

WAND

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M.W J.M	16/3

CM Scale



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such-in
core disturbance

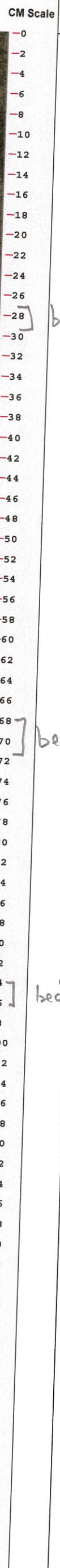
CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M.W J.M	16/3
-0											
-2											
-4											
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Suck-in
core disturbance

375

T
W

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
bed		270	10					27-29, bedding, planar		
bed		270	44	180	20			68-73, bedding		
bed		270	30	180	23			94-96, bedding		



CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
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lots of curved bedding
due to drilling disturbance

111-115, bedding domain w/ some planarity

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								drilling disturbance, - injection @ top - suck in at bottom		

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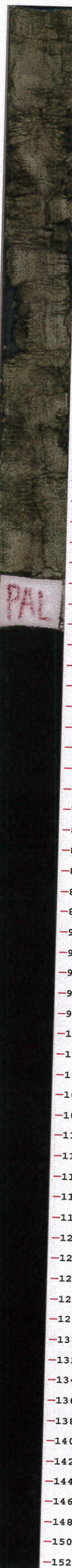
CM Scale

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VOID

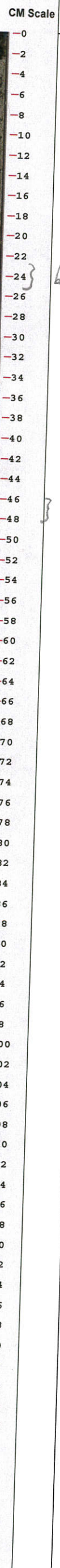
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								<p style="font-size: 1.5em;">Drilling Disturbance</p> <p>15-17, one bed</p>		

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								Drilling Disturbance, fractured		

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M.W	J.M
								0~18,		Slurry
								23~25		sharp bedding
								46~48,		sharp bedding



bed

090° 33°

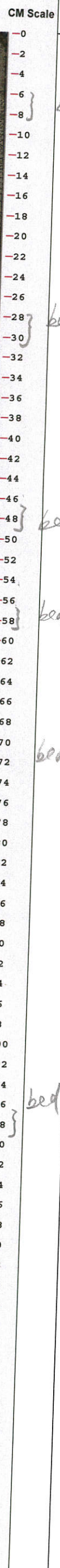
090° 34° 000 18°

0~18, Slurry

23~25 sharp bedding

46~48, sharp bedding

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M.W J.M	16/3
bed		090	27°					6~9, bedding		
bed		090	21					28~31, Sharp bedding		
bed		090	20					47~49, i		
bed		090	020					57~59, Sharp bedding		
bed		090	020	000	9			73~75, Sharp bedding		
bed		090	021					107~109		

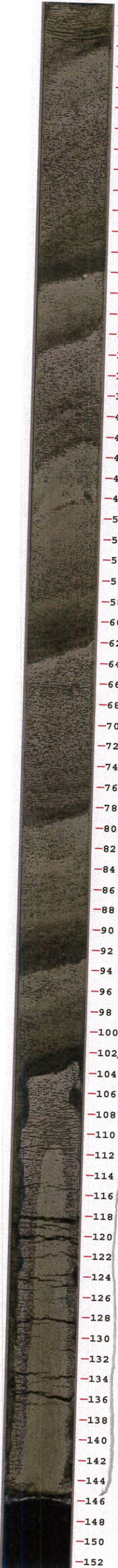


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CM Scale

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M.W J.M	16/3
		090	20					4~6, bedding		
		090	15					26~28, Sharp bedding		
		090	16					32~34, Sharp bedding		
		090	20	000	13			52~64, Sharp bedding		
		090	19					78~81, Sharp bedding		
		090	22					93~95, Sharp bedding		
								upward arching		



Expedition 375

375-U1518E-9H-4-A | SHLF9396731

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								0 - 28 drilling disturbance swell-in		
								28 - 64 drilling disturbance		

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Expedition 375

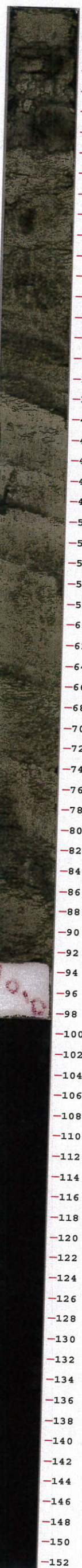
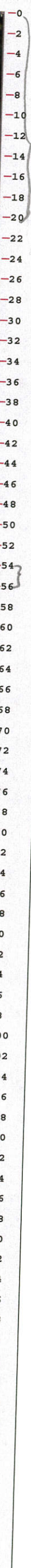
375-U1518E-9H-5-A | SHLF9396761

CM Scale

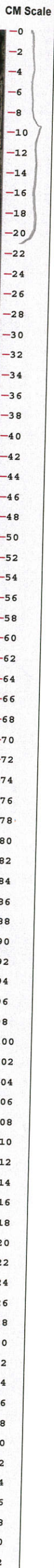
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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
										0-72 drilling disturbance

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	M. W J. M	16/3
								on 20 drilling induced disturbance		
bed		270	21°	000	110°			sharp bedding 38-41		
								54 ~ 56 bedding		
		270	15°							



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		M.W J.M	16/3
<p>0~21, drilling induced injection</p>  <p>drilling induced disturbance</p>										

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
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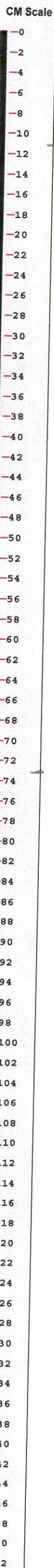
drilling induced
disturbance

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CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		HS+AF	3/10/18
Comments/Sketches										
<p><i>Whole core disturbed</i></p> <p><i>- fractured, disaggregated</i></p>										



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HSTAF	3/16/18
bedding		090	18	180	8			low confidence, gradational, w/in silty interval		
								25-73 - convex folds		
								73-90 - fractured + disaggregated		

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF+HS	3/16/18
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base of sand, wavy contact
 DD:
 28-37 - folded

37-47 void

DD:
 47-63 - fract., disag., folded

63-78 void

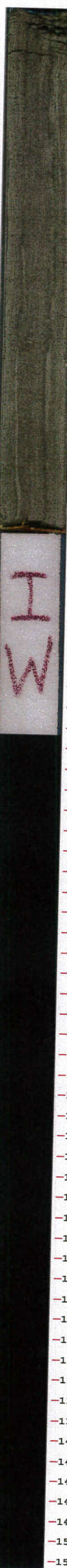
DD:
 80-106
 Mid core inflow

Expedition 375

375-U1518E-12F-4-A | SHLF9397961

CM Scale

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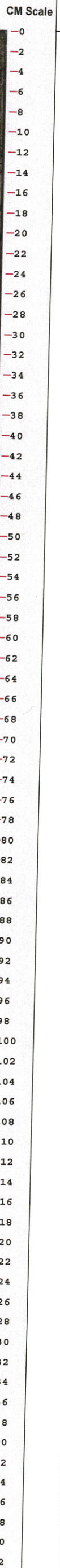


Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF+HS	3/16/18
								0-51		
								OD: midcore in-flow		

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS+AF	3/16/18
								DD: 0-27 midcore inflow		
								27-47 Void		
								47-112 midcore inflow		



VOID

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		HS+AE	3/16/18
								Comments/Sketches		
								<p><u>DD:</u> 0 - 15 cm - fracture ↓, moderate 15 - 134 cm - inflow, severe</p>		

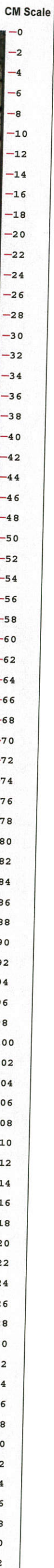
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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		HS+AF	3/16/18
								DD ^o 0-39 cm mid core flow, severe 39-43 cm void 43-66 cm mid core flow/severe 66-72 cm void 85-105 cm, fractured, slight		
bedding		270	31	000	16			turbidite contact low conf.		
bedding		890	0	000	10			*contact in silty layer low conf		



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		HS+AF	3/16/18
								<p>DD:</p> <p>0-61 cm</p> <p>-fracturing moderate</p> <p>- mid core flow, severe</p> <p>61-72 void</p> <p>72-150 - fracture, mild</p> <p>mid core flow, severe</p>		

CM Scale

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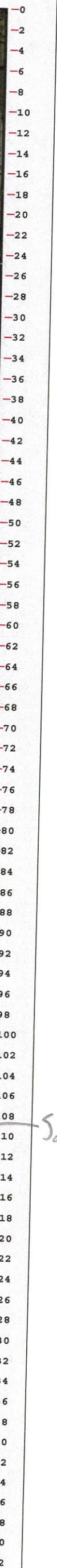
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		HS+AF	3/16/8
								Comments/Sketches		
								DD: 0-83 cm mid-core flow, severe mild fracturing		

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS & AF	16/3-14
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vey sharp

G-34
fractured,
moderate

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS & AF	10/3/18
								<p>upward arching moderate</p> <p>20</p> <p>fractured</p> <p>40</p> <p>fan thing moderate</p> <p>85</p>		
								<p>Sharp, base of sand</p> <p>slight fracturing</p>		<p>also a core axis from part of fabric</p>

S₀

090 11 000 21

Sharp, base of sand

slight fracturing

also a core axis from part of fabric

v

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	MS & AF	16/3/14
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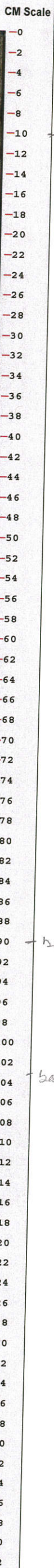
12
12
mud inflow, severe

22
29
VAD

27-739 severe mud inflow destroyed

1/0 fractures
1/2 mild
base of sand

VAD



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	H5+AF	3/16/18
bedding		270	15	000	13			@ 10 cm WAMP bedding		
bedding		270	1	180	6			@ 90 cm sharp bedding		
bedding		270	2	000	2			@ 103 cm sharp bedding		

DD:

Whole core - moderate fracturing
 49-105 cm - drag on left side

CM Scale

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GAP

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		HS+AF	3/16/18
<p style="font-size: 1.5em; margin-left: 20px;"><u>DD:</u></p> <p style="margin-left: 20px;">0-4 cm - void</p> <p style="margin-left: 20px;">4-17 cm - the convex bedding, moderate</p> <p style="margin-left: 20px;">17-110 cm - mid-core inflow</p>										

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS + AF	3/16/18
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DD:
 0-54 - mid core inflow destroyed
 54-58 - void
 58-97 - mid core inflow destroyed

VOID

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
0											
2											
4	bedding		270	16	180	5					@ 5cm, sharp base of sand
6											
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DD:
 5-76 - mid core flow
 76-84 - void
 84-121 - mid core flow

VOID

CM Scale
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VOD

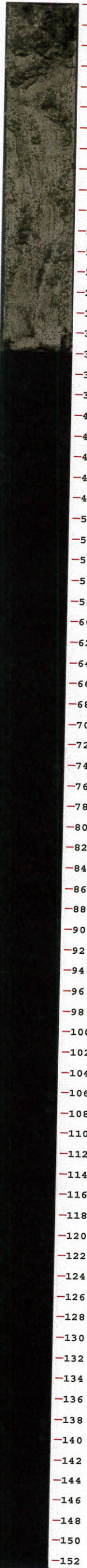
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		HS+AF	3/16/18
Comments/Sketches										
<p><u>DD⁸</u></p> <p>0 - 57 - mid core flow 57 - 62 cm - void 62 - 82 cm - mid core flow</p>										

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HSAF	3/16/18
								<p><u>DD:</u></p> <p>0-10 cm, disaggregate ↓</p> <p>10-33 cm, fracture ↓, moderate</p> <p>43-53 cm, blowout</p> <p>57-72 cm, fault, planar (~80°)</p> <p>81-107 cm, arching beds</p> <p>118-140 cm, disaggregated</p> <p>84-102 cm, planar fault (~85°)</p>		

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
										<p>Drilling disturbance</p>

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
										Probably drilling induced deformation throughout
										30-33 fault (planar) 3.5 cm normal offset
										34-41 fault (planar) unknown offset
										upwarped beds

ft

270 60 012 12

30-33
fault (planar) 3.5 cm normal offset
34-41
fault (planar) unknown offset

upwarped beds

CM Scale

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								4-6 Inclined contact 11-52 Drilling Dist, such in		
								64-98, drilling dist. such in		

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VOID

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
										12-15, inclined bedding contact
										33-100, drilling inclined such in
										

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
										Drilling induced damage

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
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50	bed		270	53	000	36					49-54, sharp bedding
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78	bed		270	28	000	9					77-81, sharp bedding
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90	bed		270	47	000	8					89-93, sharp bedding
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WRM D

Expedition 375

375-U1518E-19F-CC-A |

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								} horizontal parting surfaces ok, no data		

CM Scale



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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								Horizontal parting surfaces		
								5-12, drilling leftward		

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
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0-29, ok, horizontal parting surfaces

39-84, fault - drilling induced?

72-132, onset drilling induced

VOID

20 cm

I
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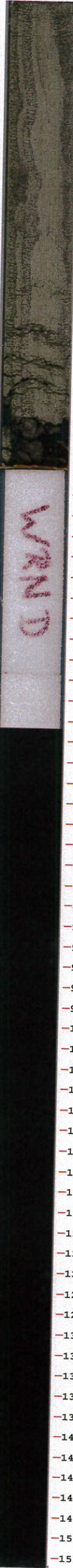
CM Scale

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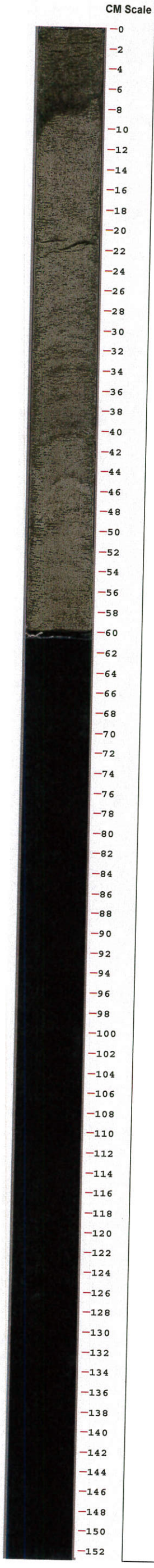
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
										drilling induced defn



CM Scale
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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
										drilling alternate.



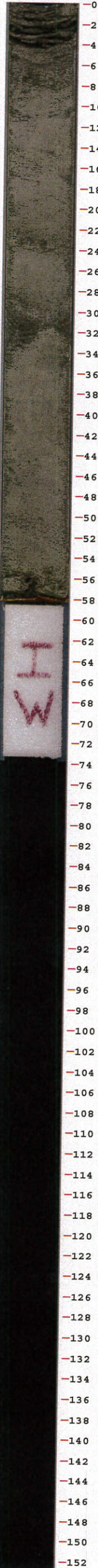
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								Cohesive sediments warped bedding difficult to measure		

CM Scale

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
bed		090	31	000	2					
										13-16, subtle bedding, contact (or fault?) - uncertain
										50-136, drilling disturbance

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								<p>Same bedding i bioturbation (horiz) but not planar, not measurable - slight drilling disturbance</p> <p>Bedding ~ horizontal</p>		

CM Scale



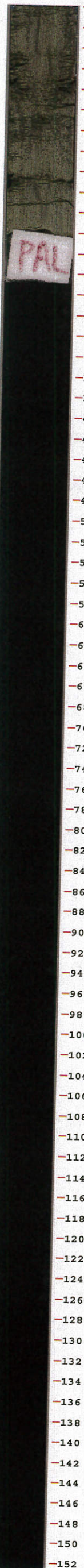
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								0-14, soupy sand, no structure		
								14-56, upward warped bedding, Sand injectors → drilling disturbance		

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
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} Intermingled, sheared lithologies
- drilling disturbance

core

CM Scale



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								} Sheared lithologies drilling disturbance		

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		M.W. J.M.	
0											Consolidated clay & sand, w/ unloading & extension Drilling disturbance warped contacts, e.g., 28-32 upwarped bed <u>44~46, subtle bedding, good measurement</u>
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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								Consolidated, unloading structures - upwarped bedding, modest		
								29-62, extreme bed warping - flow (marginal), vertical shearing		

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								Drilling disturbance - vertical shearing		

CM Scale



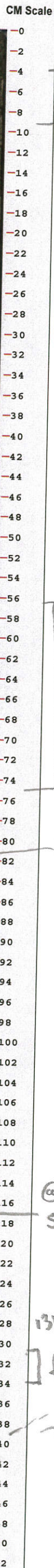
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	AF+4S	3/17
bedding		090	2	000	10			@ 3cm, sharp bed @ base of sand (<u>check</u>)		
bedding		270	6	000	6			@ 75cm, sharp base of sand (<u>check</u>)		
bedding		090	23	000	10			@ 114 cm, irregular base of silty (<u>prob good</u>)		
								<u>DD:</u> slight fracturing throughout, some drag @ edges		

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		AF+HS	3/17/18
bedding		270	18	000	19					@ 4cm, sharp base of sand (prob. <u>good</u>)
bedding		070	24	180	18					@ 25 cm, sharp silt base (probably <u>good</u>)
fault		090	31	180	15					Small fault, apparent thrust 4mm offset
bed		270	11	000	10					Sharp base of sand (or biscuit bed boundary?)
bed		270	8	000	17					@ 97, sharp base of silt lower confidence (<u>check</u>)
<p>DI: slight fracturing throughout</p>										

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG			
									AF+AS	3/17/18
	4-9 cm	090	31	180	19			Sharp, indeterminate fault that appears to follow irregular bedding - or <u>could be bedding?</u>		
								sandily disrupted		
	81							open fracture within thin (1 cm) thick sandy bed.		
	@ 117 So	090	3	180	9			biscuit boundary? low confidence on 3D orientation Sharp, variation bedding within silty unit.		
	131-134							possibly <u>bedding</u>		
] fault	090	42	180	4					
								~ also bedding?		

Slight horizontal fracture throughout

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
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40	S ₀		270	29	000	16					Irregular base of sandy layer <u>fracture might align w/ bedding?</u>
42											
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Slight fractures throughout

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
↓		chilly		induced		sunbony				
				slight						Parasitically fractured mud.
↑				mingling (goop)						
				severe						
↑		120-130 chilly		induced		sunbony				mod.

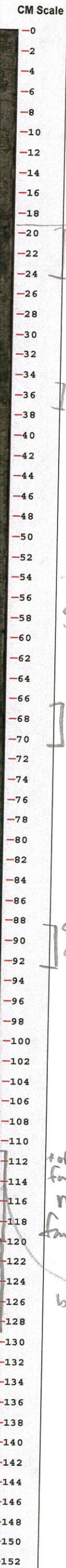
CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
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0-57
disturbed
slight faulting

Per varine, moderate
fractures

96-102
upward warping of beds
prob. 0.4 cont.

I
W



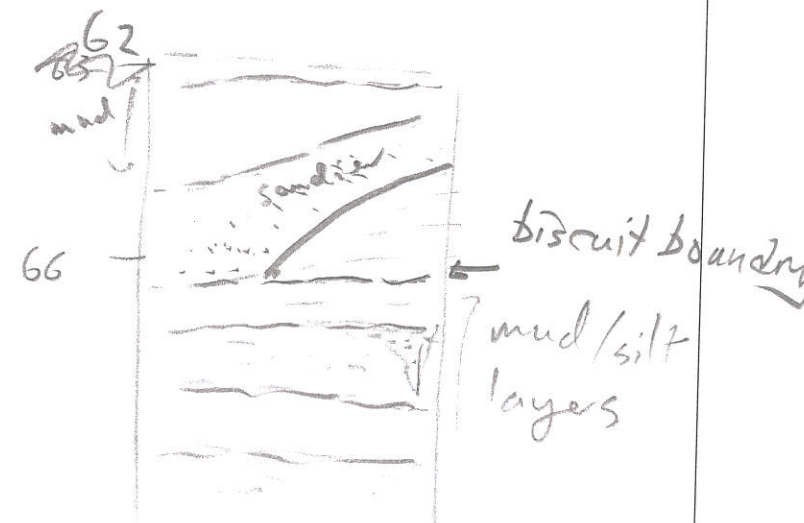
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS+AF	3/17/18
19	So	090	2	180	8			Gradational bedding, but irregular, horizontal in core face; low confidence following in 3D.		
24	fault	090	33	180	18					
		270	32	indeterminate						
35		270	18	000	17			Small, indeterminate faults, looks like a conjugate pair. 3D measurement 17 low confidence for 2nd app. dip.		
37								35-37: sharp boundary, interp. as fault, but could be bedding plane.		
So		Horizontal in Core face		90 confidence in 2nd app dip						
67	fault	090	26	000	7			Interp as fault based on sharpness and oblique to bedding. No offset marker.		
71										
89	fault	090	31	180	53				No offset marker.	
93										
top fault	normal faults	090	51	000	26					
bedding		Horizontal		180 14						
119										
									Slight structures throughout	

CM Scale

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
			horizontal	000	8					
50								Sharp, but wavy, base of silt		
26	fault	090	8	180	2					
30		0270	36	180	18					090 →
								two small faults, ① may be slip along bedding, but inter as fault because sharp and contains < 1mm thick fine grained layer.		
								Slight fault throughout.		

CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	HS+AF	3/17/18
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30	S ₀		090	9	180	10			Sharp base of sandy layer.		
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64	mined fault		270	26	180	17	✓		fault sense undetermined		
66									probably bed		
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DD: Slight fracturing throughout

Turns out they are closely spaced biscuits, 2-4 cm
 - not sure about bed 28-30
 - fault intersects biscuit boundary

gosity/mingled

CM Scale

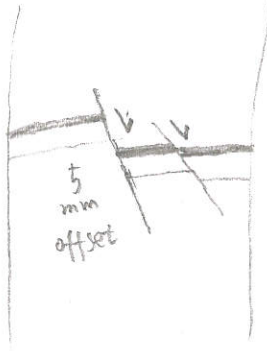

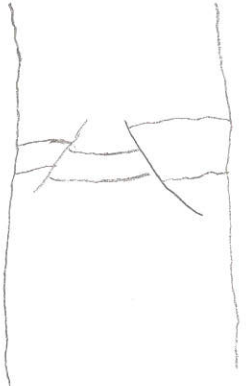
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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	J.M M.W	18/3/2018
								Last wire cut section *		
								0~27, alternating sand and mud layer - muds biscuit into 2-3 cm		
								14~16, irregular bedding, sand on clay		
								27~58, bioturbated mud		
								- biscuit into 2-3 cm		
								29~32, <u>two dark lines</u>		
								apparent: <u>30-35°</u> to 270 dip		
								58~92, mud with sand lay at base		
								- biscuit 1-2 cm		
								92~128, mud grading to sand base		
								- biscuit, 2-4 cm		
								Q: Fault displacement in template?		
								* Revisit previous wire cut XCB sections		

CARB

CM Scale

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	J.M M.W	18/3/2018
								Small section biscuit 2~7 cm		
								22~24, fault cuts laminated sand & clay dip: $090^{\circ}, 33^{\circ}$ offset: 5 mm		
										
								73~75, fault dip: $090^{\circ}, 58^{\circ}$ offset: 3 mm		
										
								77~78, bedding dip: $090^{\circ}, 17^{\circ}$ $180^{\circ}, 10^{\circ}$		
								115~118, micro fault complex: tiny		
								123~125, bedding dip: 0°		
								 low confidence		

VOID

IM

bedding

90

17

180

10

✓

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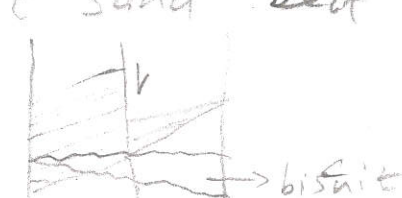
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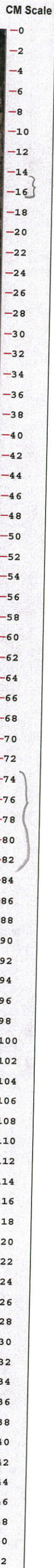
Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								biscuit : 2-4 cm 6-8 cm (laminated sand core 270, 14 cut by tiny fts?) face:		
								43-48, offset sand bed core: 090, 88° face 		
								52-54, vertical seam		
								48-53, sedimentary structures flow fabric, contorted bedding, min faults		
								103-111, laminated sand with inclined bedding		
								108-110, <u>090, 24° core face</u> bedding		

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M220

Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								<p>biscuit: 2-3 cm</p> <p>14 ~ 20: unconfirmed contact</p> <p>44 ~ 55, sedimentary structure distorted bedding sand</p>		



Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								biscuit : 2-5 cm		
								14~16 { 090, 85 : core face { 15, 0 : 2nd face		
								39~44, biturbated burrow		
								vertical seam		
								73~83, planar offsets: dark seams		
								<p>dark seams biscuit</p>		
								99~100, laminated sand { 270, 25°, core face		

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CM Scale	Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
			AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches	J.M. M.W.	18/3/2018
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58			270	32	180	10					
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100	faults	090	65	180	55						
102	bedding	270	27	180	12						
104		23	0	0	5						
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47~50, sharp contact

{ 270, 32° : core face
 { 180, 10 : 2nd face
 high confidence
 (sand inclined beds on sharp clay)

98~102, inclined normal faults

{ 090, 65° : core face
 { 180, 55° : 2nd face → faults

{ 270, 27° : core → bedding
 { 180, 12 : 2nd face

{ 23°, 0 : high uncertainty
 { 0, 5,

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
bed		090	41					bedding 22~27 { 090°, 41° { 180°, 31°		
		180	31							
		270	50					bedding 91~94, { 270, 50° { 180, 15°		
		180	15							

Expedition 375

375-U1518E-31X-2-A | SHLF9408711

CM Scale

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG		N.W J.M	18/3/2018
<div style="display: flex; justify-content: space-between; padding: 5px;"> Comments/Sketches </div> <div style="border: 1px solid black; height: 750px; width: 100%;"></div>										

CM Scale

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Feature	Thick	Core-face orientation		2nd app. orientation		Core orientation		Summary:	Observer:	Date:
		AZIM	DIP/PLG	AZIM	DIP/PLG	AZIM	DIP/PLG	Comments/Sketches		
								Biscuitd, 3-5 cm thick		
								65-68 cm microfractures cut biscuit offset disturbance ↑ up 