UT GeoFluids

SAVE

PRINT

Grain Size Analysis Reference Data Sheet

1. Save form in the master folder of your test using the naming convention: Test#_Worksheet. Test numbers should fit the naming convention: GS###. Check the lab log to ensure you are using the correct number.
2. Fill in SECTION 1 and save
3. Print Form and complete all fields during your test
4. Enter all handwritten information into electronic form and save
5. Put original handwritten form in lab collection box

SECTION 1

TEST # _____ EXPERIMENTER(S) FULL NAME _____ INITIALS _____

UNIVERSITY _____ PROJECT (e.g.: SUTUR, Total, etc.) _____

START DATE (06 Dec 12) _____ END DATE (06 Dec 12) _____ CONFIDENTIAL ☐

SOURCE MATERIAL

BULK MATERIAL 1	BBC-Series 4	PERCENTAGE	100
BULK MATERIAL 2	n/a	PERCENTAGE	n/a
MATERIAL STATE	Resedimented		

CORE NAME (only complete this section if you chose "intact")

			-		cm	mbsf
SITE	**HOLE**	**CORE**		**SECTION**	**INTERVAL**	**NOMINAL SECTION DEPTH**
EXAMPLE: U1324	B	10H	-	5	10-20cm	2000mbsf

TEST ORIGIN

PRIMARY TESTING ORIGIN (example RESED001) _____

SECONDARY TESTING ORIGIN (example CRS001) _____

TERTIARY TESTING ORIGIN (example MICP001) _____

MATERIAL DESCRIPTION (use this space to give information about your sample that you feel isn't described above):

SAMPLE MASS

TARE+SAMPLE WET MASS (g) _____

TARE MASS (g) _____

SAMPLE WET MASS (g) _____

SAMPLE DRY MASS (g) _____

WATER CONTENT (%) _____

TEST DETAILS

DEFLOCCULANT MASS (g) _____

SHAKER BOTTLE # _____

CYLINDER # _____

STOPWATCH # _____

HYDROMETER USED _____

DRYING BOWL # _____

BOWL+DRIED SAMPLE+DEFLOC.(g) _____

DRYING BOWL TARE MASS (g) _____

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TEST # _____ EXPERIMENTER(S) FULL NAME _____ INITIALS _____

ELAPSED TIME (MIN)	DATE (DD-MMM-YY)	ELAPSED TIME (HH:MM:SS)	HYDROMETER READING (SG x 1000)	TEMP. (°C)
2-MIN SET #1				
0/AST*				
0.25				
0.5				
1				
1.5				
2				
2-MIN SET #2				
0/AST*				
0.25				
0.5				
1				
1.5				
2				
AFTER 2-MIN				
0/AST*				
2				
4				
8				
16				
32				
64				
128				
256				
512				
1024				
2048				
4096				
8192				

*AST = Absolute Start Time

SIEVED MASS > 62 µm (g) _____ SILT FRACTION (2-62 µm) (%) _____

FRACTION > 62 µm (%) _____ CLAY FRACTION (< 2 µm) (%) _____

TEST REMARKS: