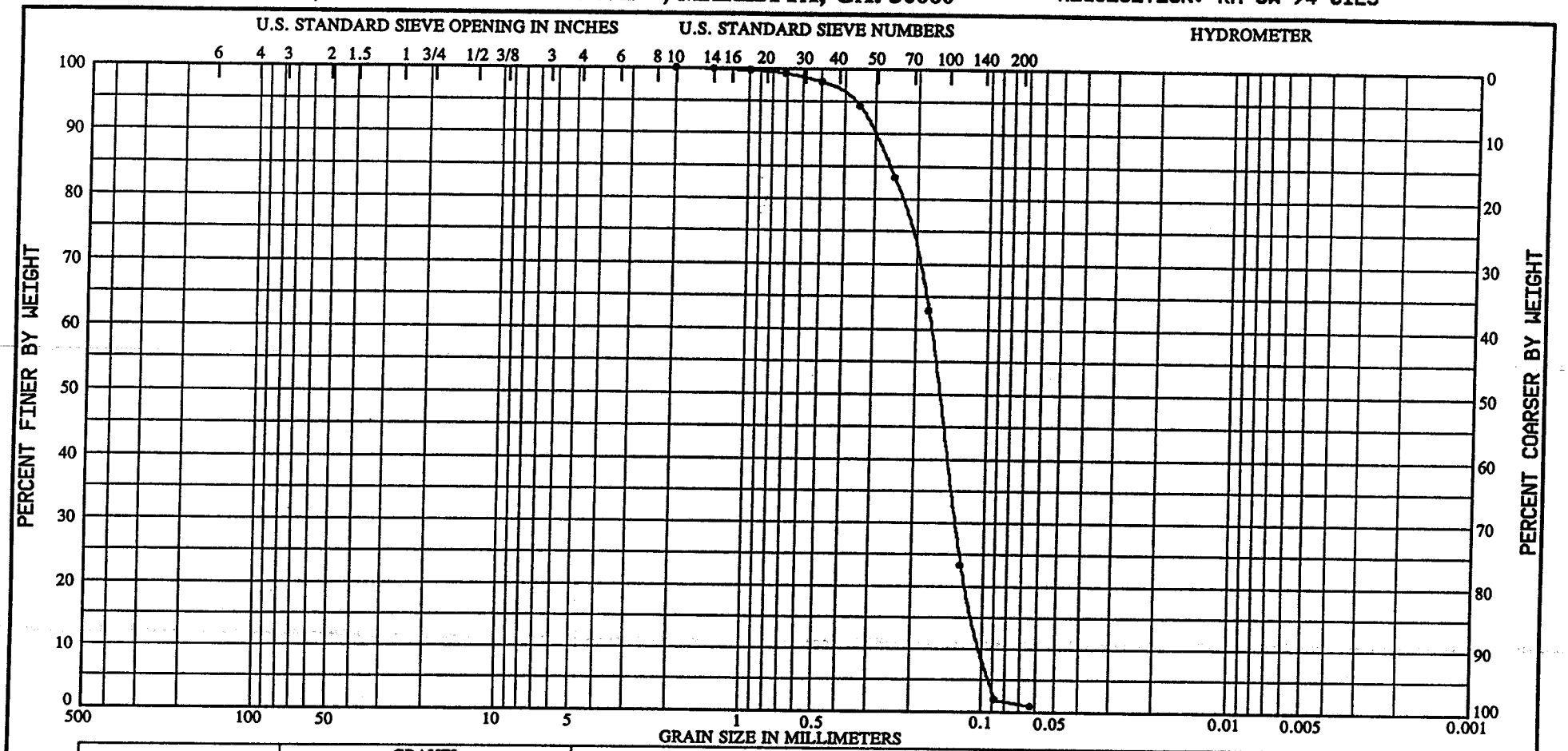
DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE , MARIETTA, GA. 30060

WORK ORDER: 7330
REQUISITION: RM-CW-94-0125



Sample No.	Elev.	Classification	Nat w%	LL	PL	PI
2	-6.5 / -8.2	(VISUAL) LT TAN, POORLY GRADED SAND				
		(SP). WITH A LITTLE SHELL FRAGMENTS.				
		VISUAL PERCENT SHELL IS APPROXIMATELY				
		11%.				

Project JACKSONVILLE DISTRICT

ST. LUCIE INLET

Lab No. 73/6409

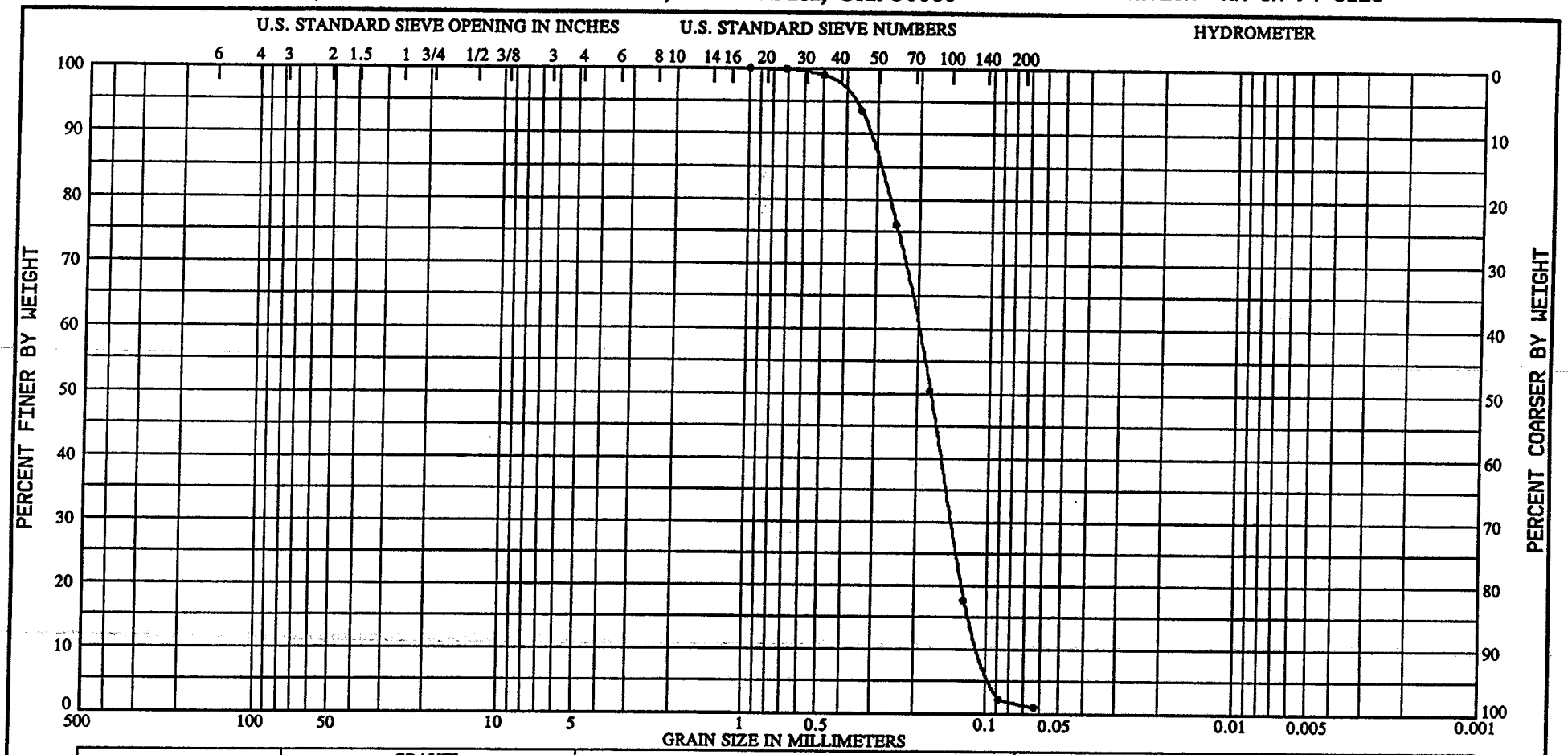
Boring No. SLI94-11

Date 07/07/94

GRADATION CURVES

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE , MARIETTA, GA. 30060

WORK ORDER: 7330
REQUISITION: RM-CW-94-0125



Sample No.	Elev.	Classification	Nat w%	LL	PL	PI
2	-7.6 / -8.6	(VISUAL) TANNISH GRAY, POORLY GRADED	7.8			
		SAND (SP), WITH A TRACE OF SHELL				
		FRAGMENTS.				
		VISUAL PERCENT SHELL IS APPROXIMATELY				
		9%.				

Project JACKSONVILLE DISTRICT

ST. LUCIE INLET

Lab No. 73/6410

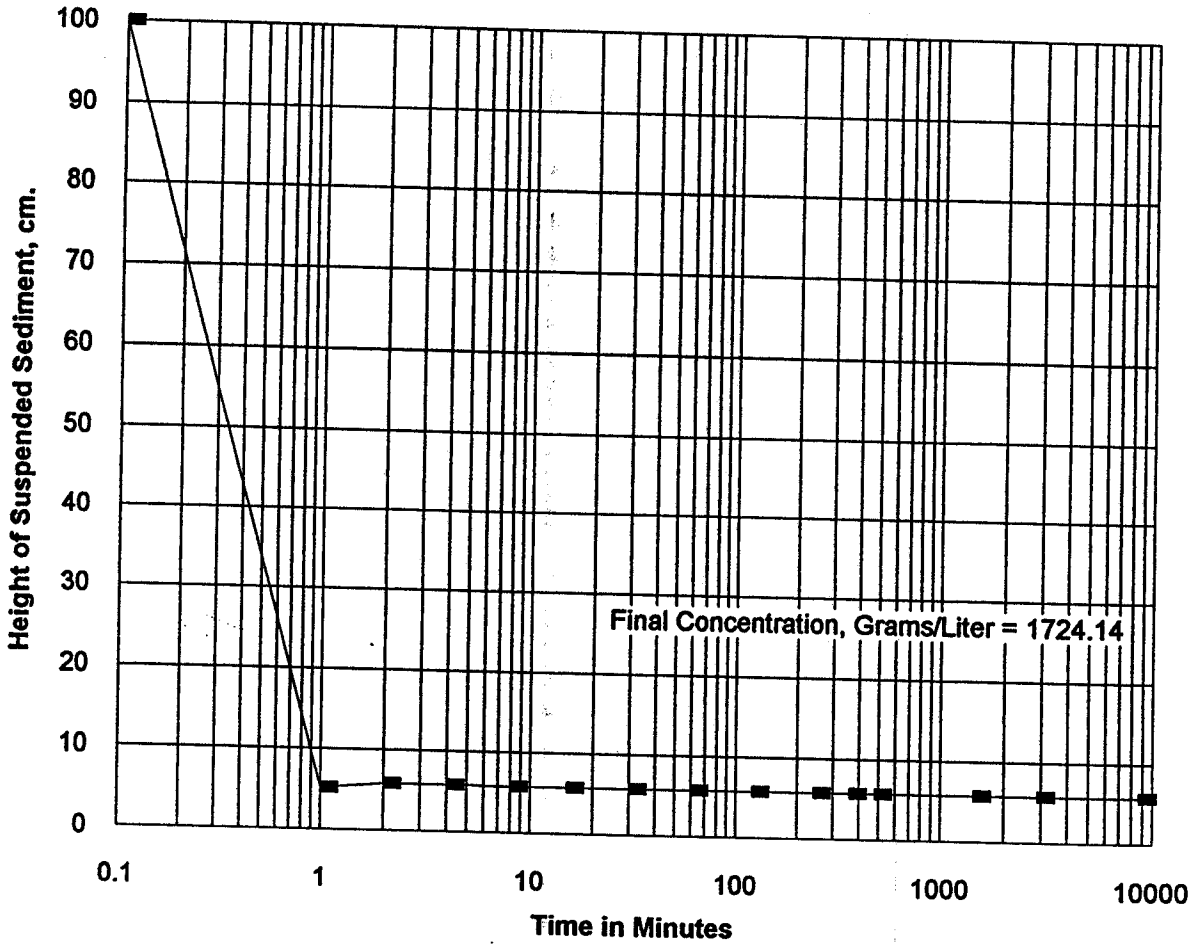
Boring No. SLI94-12

Date 07/07/94

GRADATION CURVES

U.S. ARMY CORPS OF ENGINEERS
SOUTH ATLANTIC DIVISION LABORATORY
MARIETTA, GEORGIA

SUSPENDED SEDIMENT-TIME CURVE

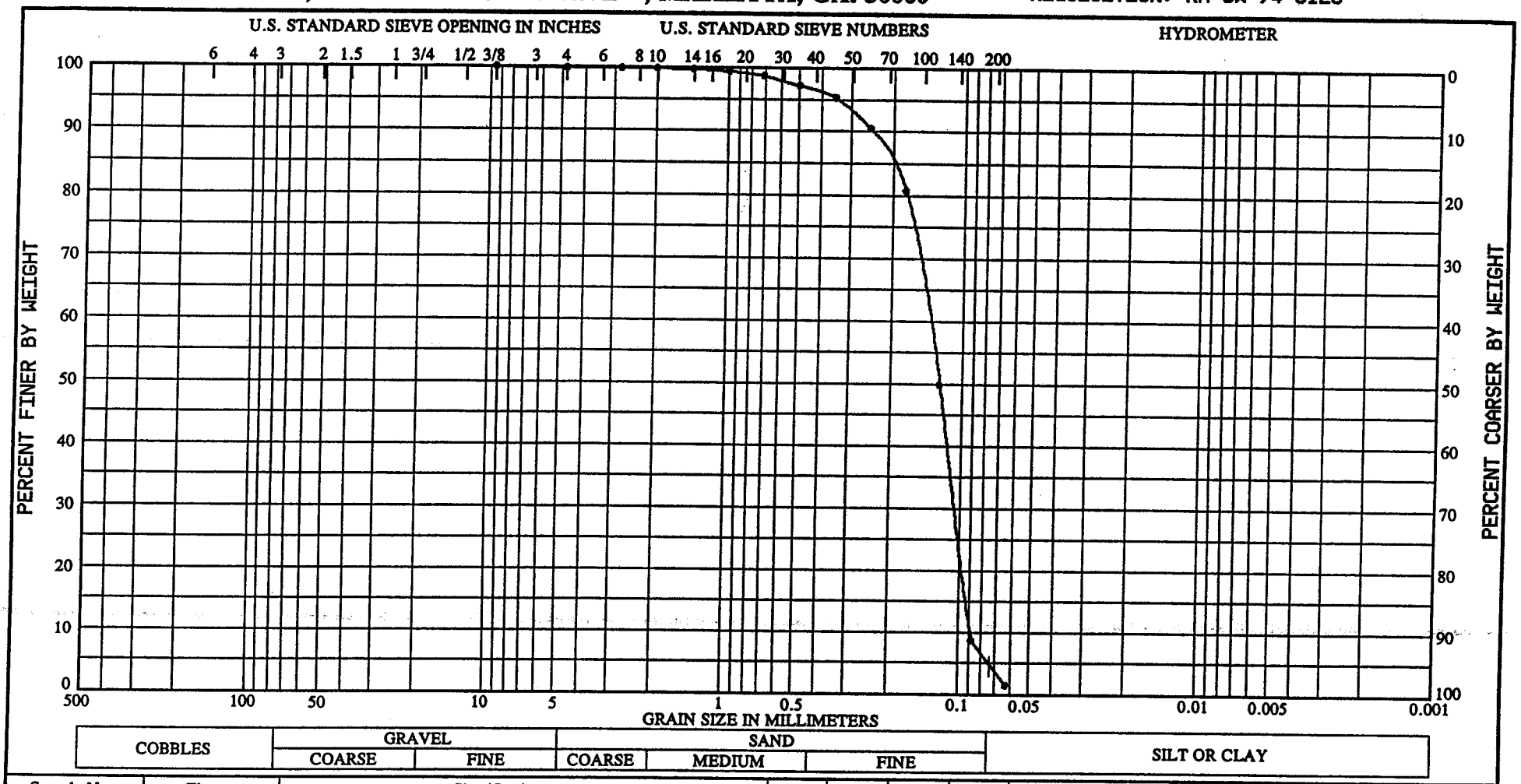


NOTES:
1. Test specimens (100 grams/ liter ,moist weight of specimen) suspended in sea water(salinity about 10 ppT) in 100 cm. long bottom withdrawal tubes.
2. Suspended sediment-time curves represent the contact surface between the sediment still in suspension and the "clear" water on top at the elapsed time indicated.
3. See grain-size data on enclosed gradation curve.
4. Percent Solids = 46.38

PROJECT:	Jacksonville	REQ'N NO:	RM-CW-94-0125
		W.O. NO:	7330
AREA:	St. Lucie Inlet	DATE RECEIVED:	7-Jun-94
		DATE REPORTED:	9-Jul-94
BORING NO:	CB-SLI94-12	ELEV:	-7.6 to -8.6
SAMPLE NO:	2	LAB NO:	73 / 6410

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE , MARIETTA, GA. 30060

WORK ORDER: 7330
REQUISITION: RM-CW-94-0125



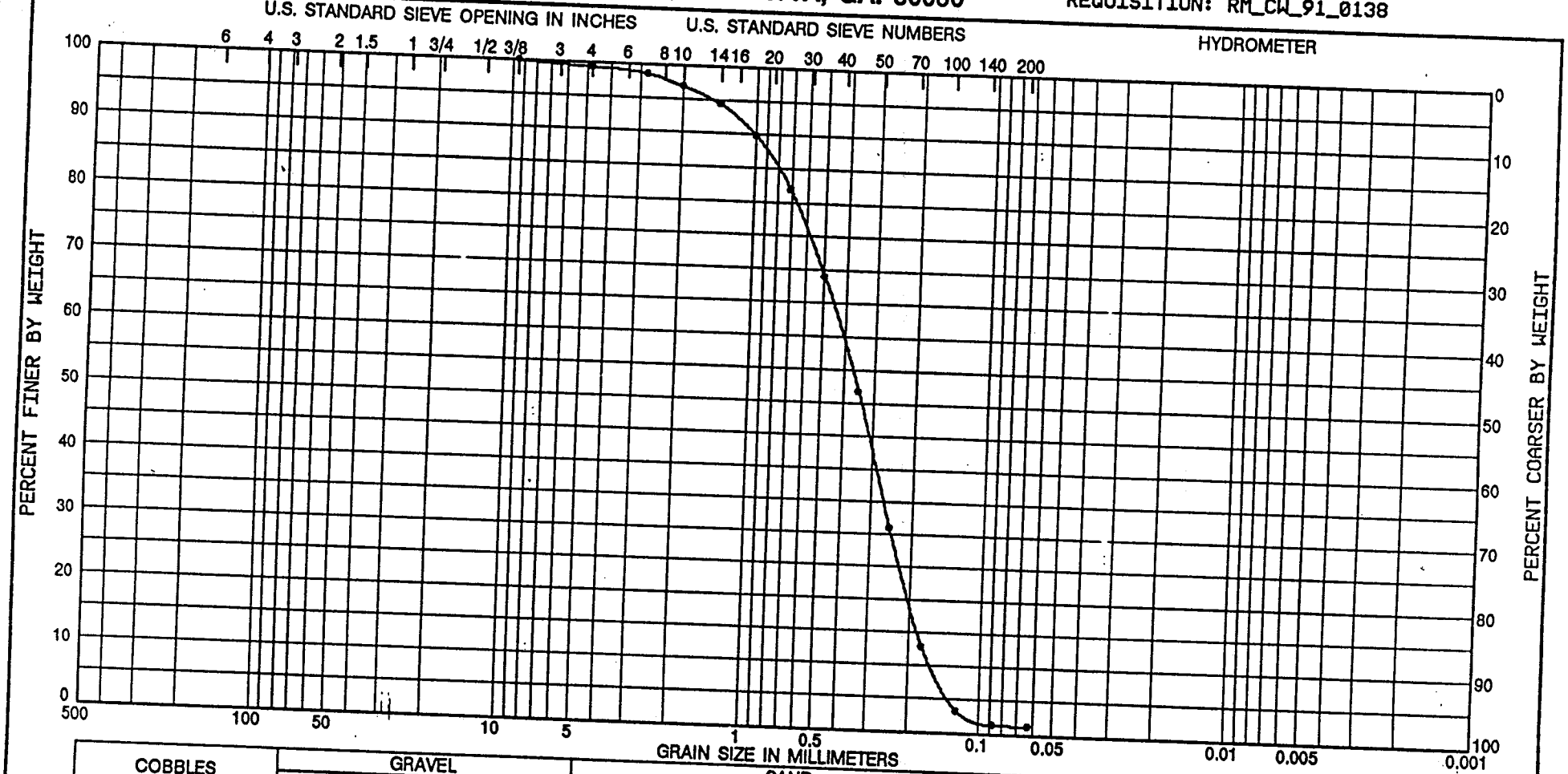
Sample No.	Elev.	Classification	Nat w%	LL	PL	PI
1	-15.0 /	(VISUAL) TAN, POORLY GRADED SAND (SP),				
		WITH A TRACE OF SHELL FRAGMENTS.				
		VISUAL PERCENT SHELL IS APPROXIMATELY				
		7%.				

Project JACKSONVILLE DISTRICT
ST. LUCIE INLET
Lab No. 73/6411
Boring No. SLI94-13
Date 07/07/94

GRADATION CURVES

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE, MARIETTA, GA. 30060

WORK ORDER: 6455
REQUISITION: RM_CW_91_0138



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth/Elev	Classification	Nat w%	LL	PL	PI
1	-8.1/-13.1	Gray poorly graded sand (SP), with sand & gravel size shell fragments. Visual shell = 18.0%	-	-	-	-

Project ST. LUCIE INLET

Lab No. 73/4613

Boring No. CBSLI-M91-1

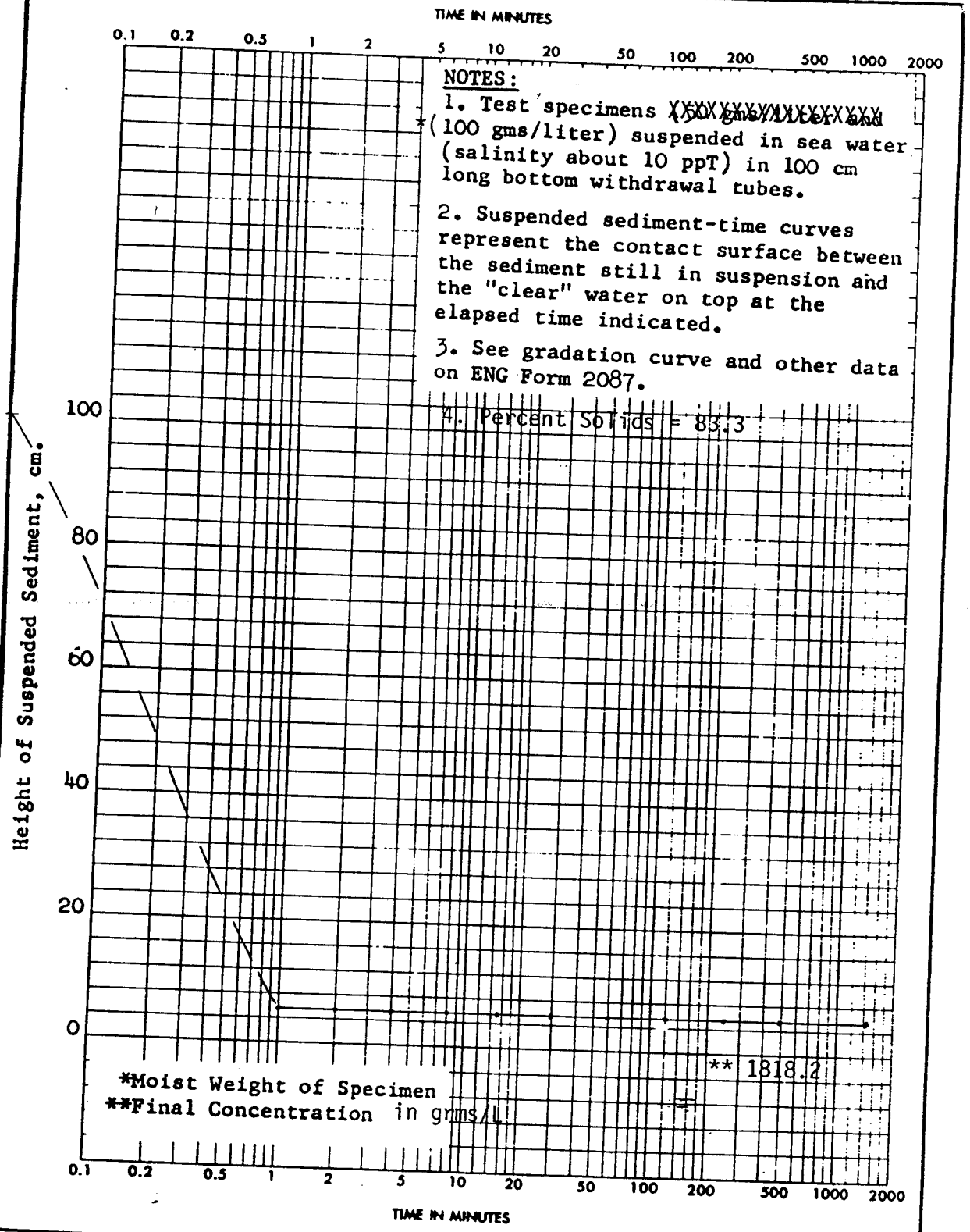
Date 08/16/91

GRADATION CURVES

See Sedimentation Rate Time Curve on SAD Form 3023.

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY,
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE, MARIETTA, GEORGIA 30061

Reqn. No. RM-CW-91-0138
Work Order No. 6455



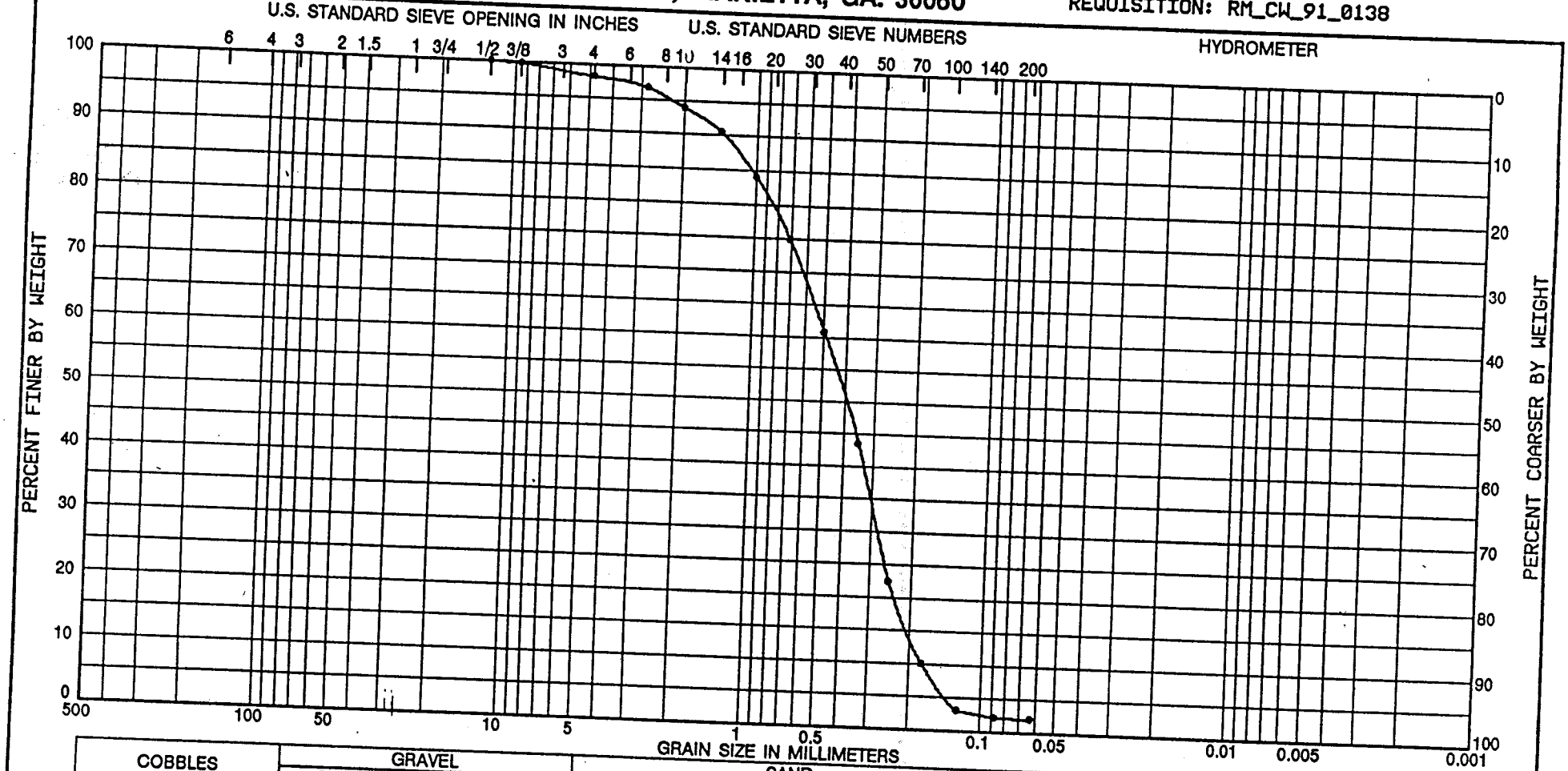
PROJECT St. Lucie Inlet			
AREA	Lab. No. 73/4613		
BORING NO. CBSLI-M91-1	SAMPLE NO. 1	DEPTH EL -8.1/-13.1	DATE 16 Aug 91

SUSPENDED SEDIMENT-TIME CURVES (TRANSLUCENT)

SAD Form 3023
26 Oct 72

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE, MARIETTA, GA. 30060

WORK ORDER: 6455
REQUISITION: RM_CW_91_0138



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth/Elev	Classification	Nat w%	LL	PL	PI
1	-7.4/-12.4	Gray poorly graded sand (SP), with sand & gravel size shell. Visual shell = 19.0%	-	-	-	-

Project ST. LUCIE INLET

Lab No. 73/4614

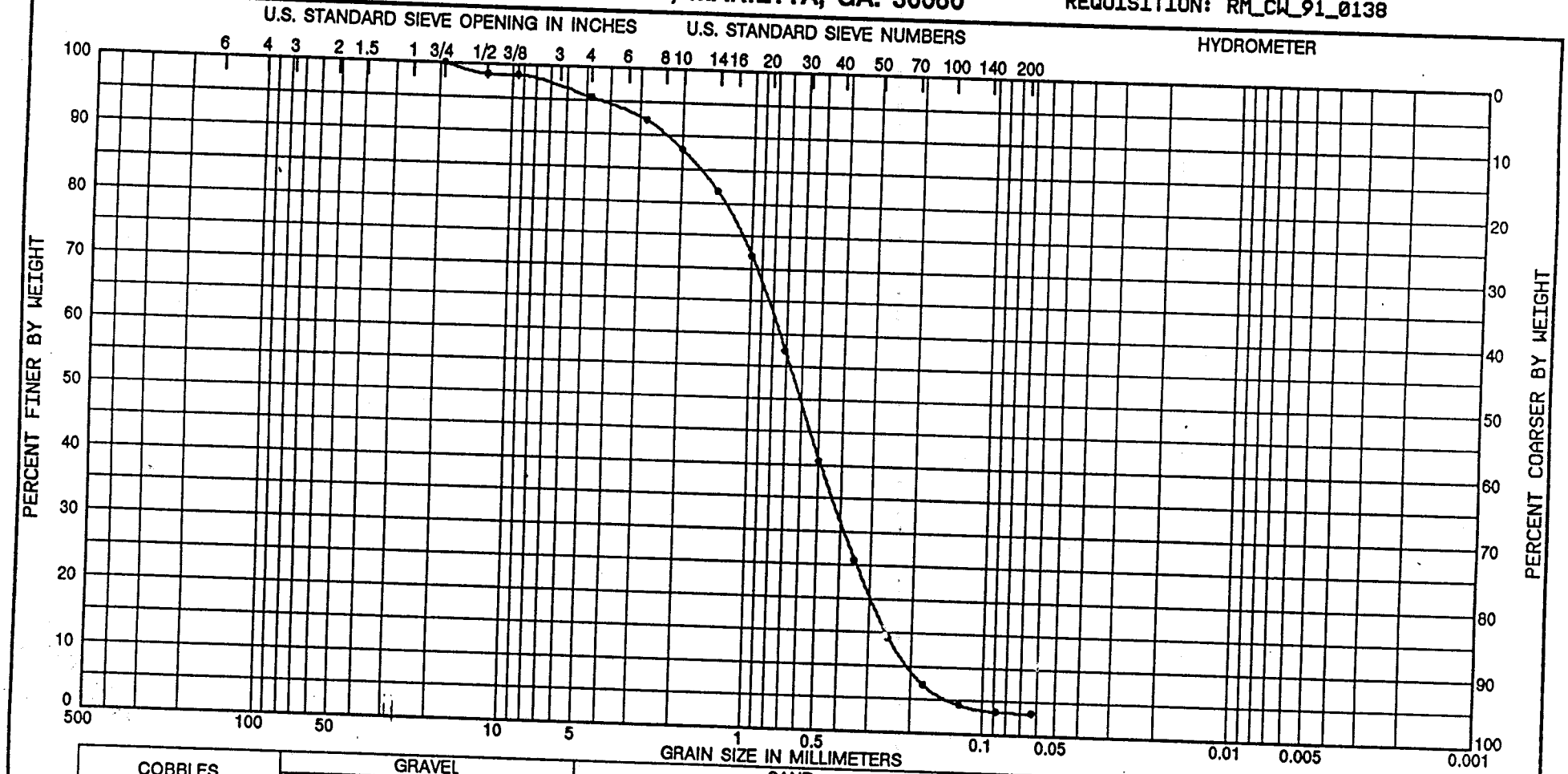
Boring No. CBSLI-M91-2

Date 08/16/91

GRADATION CURVES

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE, MARIETTA, GA. 30060

WORK ORDER: 6455
REQUISITION: RM_CW_91_0138



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth/Elev	Classification	Nat w%	LL	PL	PI
1	-8.4/-13.4	Gray poorly graded sand (SP), with sand & gravel size shell. Visual shell = 23.0%	-	-	-	-

Project ST. LUCIE INLET

Lab No. 73/4615

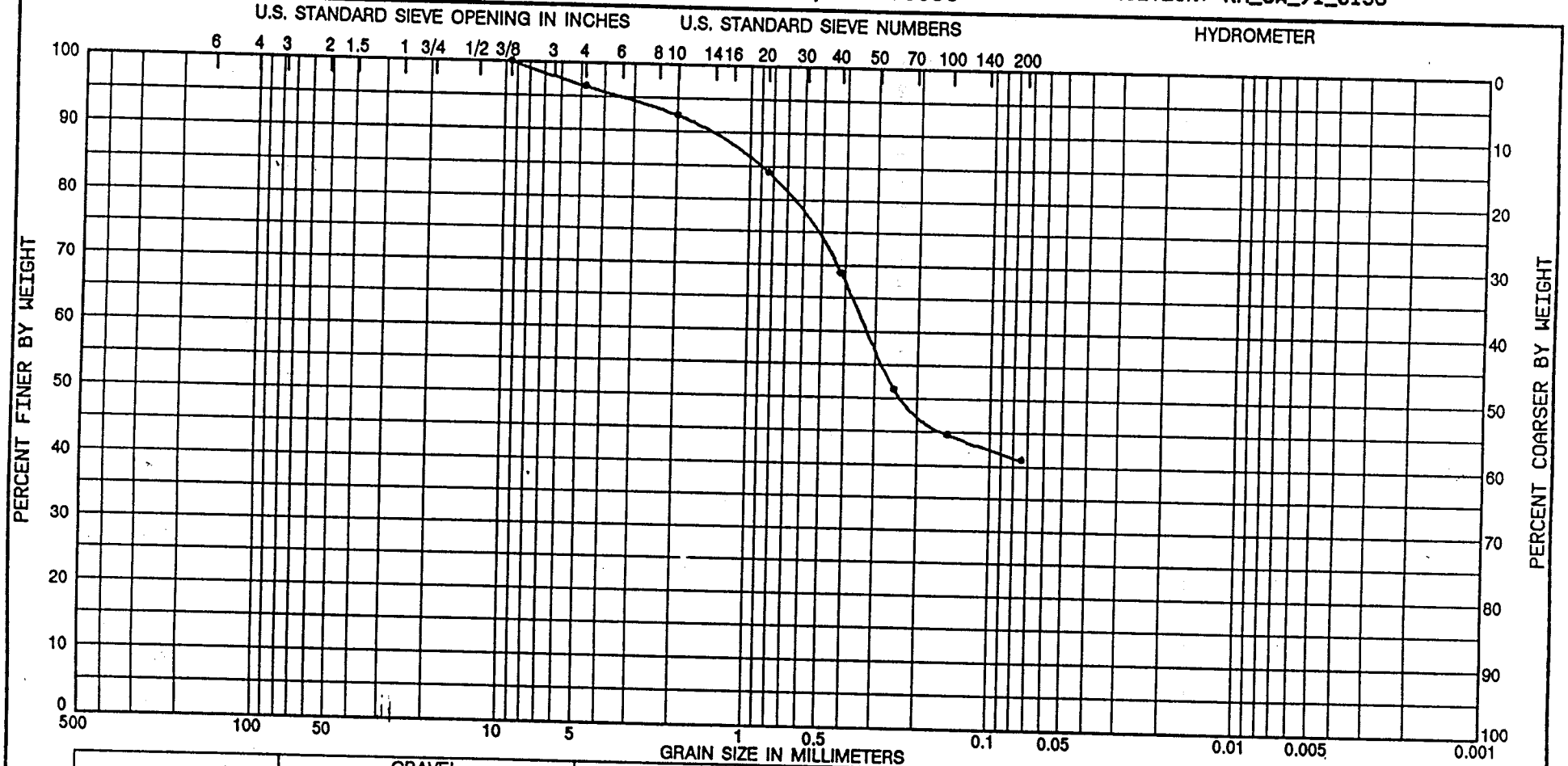
Boring No. CBSLI-M91-3

Date 08/16/91

GRADATION CURVES

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE, MARIETTA, GA. 30060

WORK ORDER: 6455
REQUISITION: RM_CW_91_0138



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth/Elev	Visual Classification	Nat w%	LL	PL	PI
1	-10.7/-11.9	Tannish gray clayey sand (SC), with sand & gravel size shell and calcareous sizes. Visual shell & calcareous sizes = 16.0%	-	-	-	-

Project ST. LUCIE INLET

Lab No. 73/4616

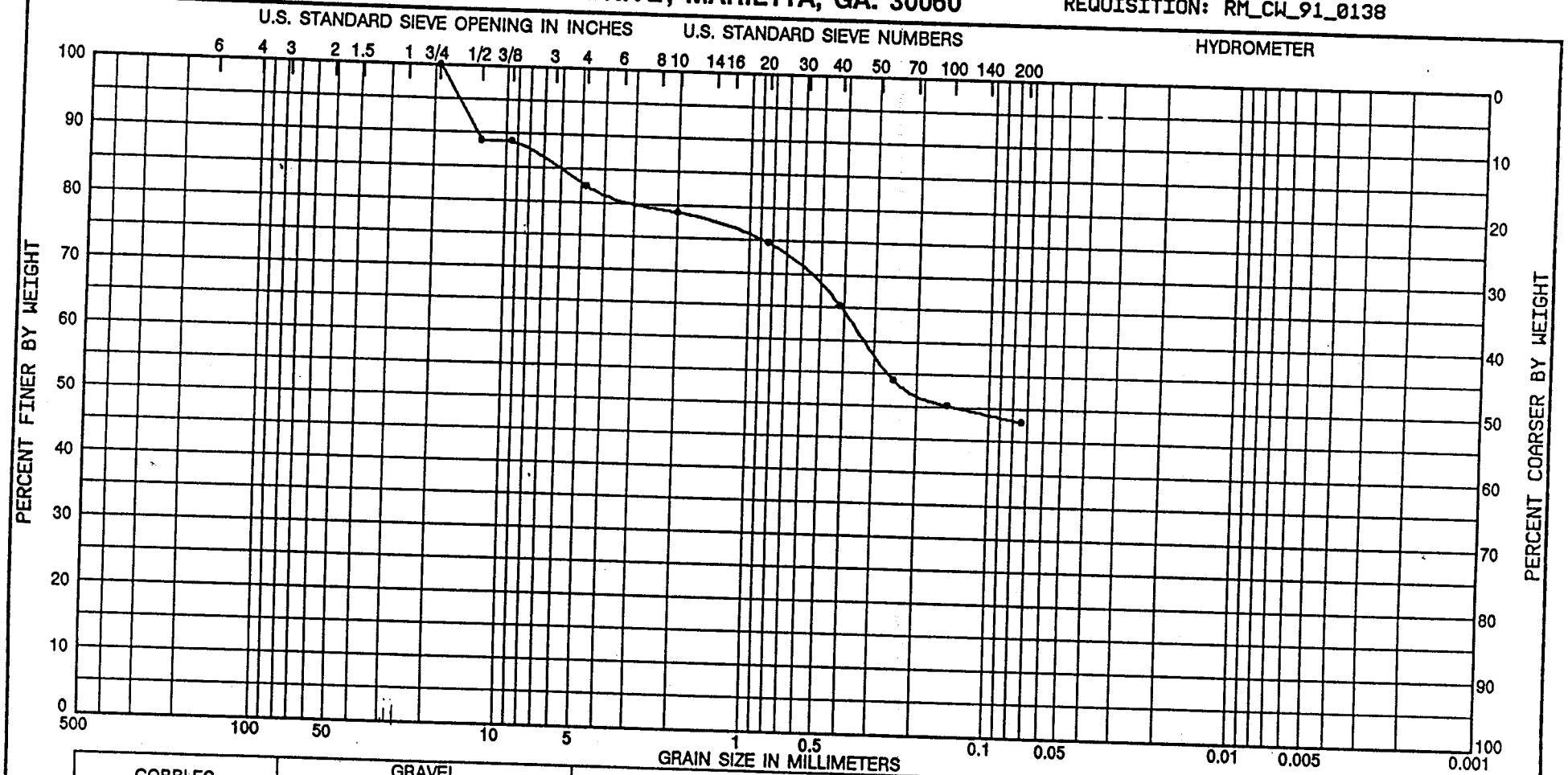
Boring No. CBSLI-M91-5

Date 08/16/91

GRADATION CURVES

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE, MARIETTA, GA. 30060

WORK ORDER: 6455
REQUISITION: RM_CW_91_0138



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth/Elev	Visual Classification	Nat w%	LL	PL	PI
2	-11.9/-13.7	Brown clayey sand high LL (SC-H), with sand & gravel size shell and calcareous sizes and with a trace of organic matter. Visual shell & calcareous sizes = 23.0%	-	-	-	-

Project ST. LUCIE INLET

Lab No. 73/4617

Boring No. CBSLI-M91-5

Date 08/18/91

GRADATION CURVES