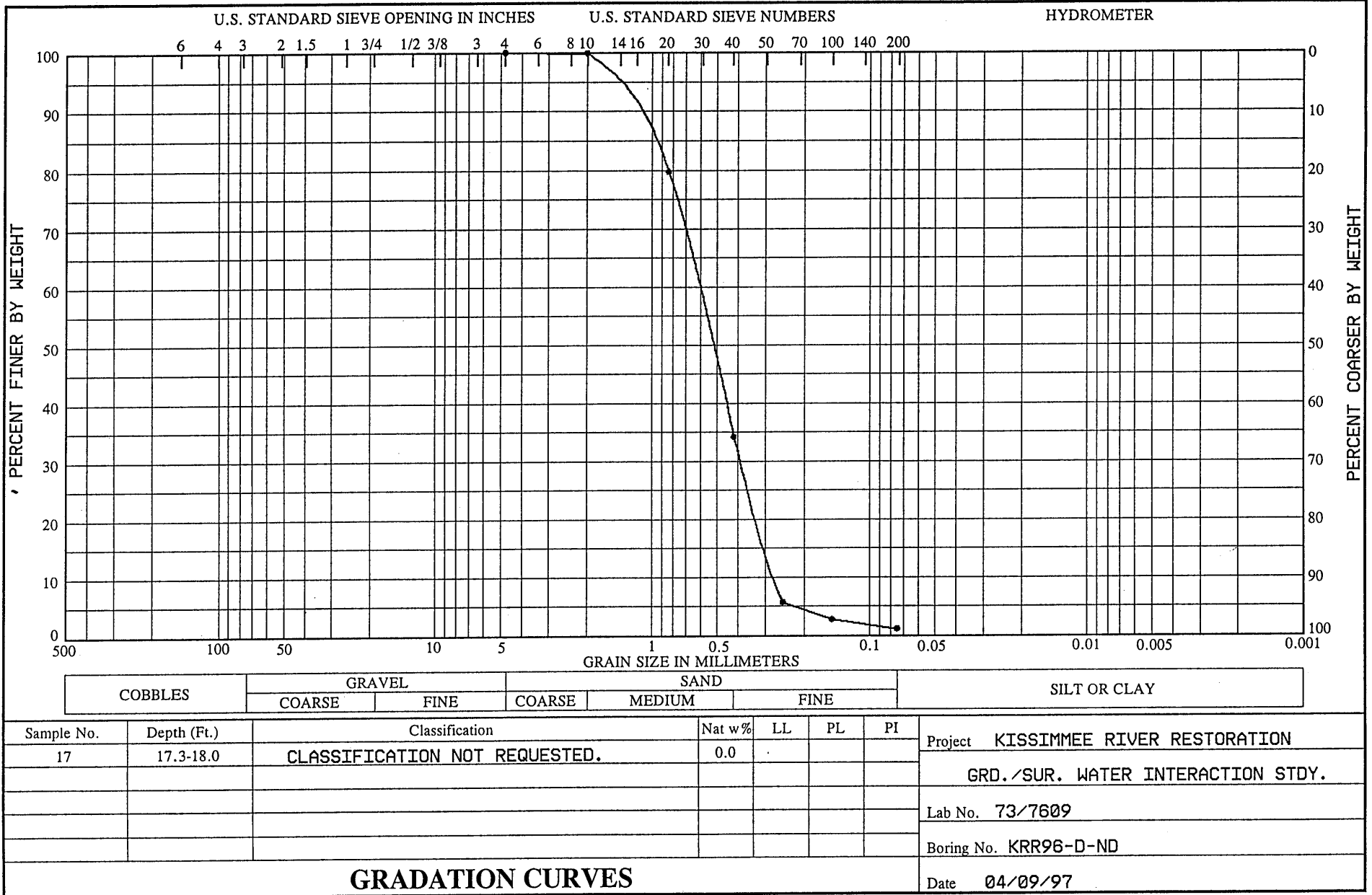


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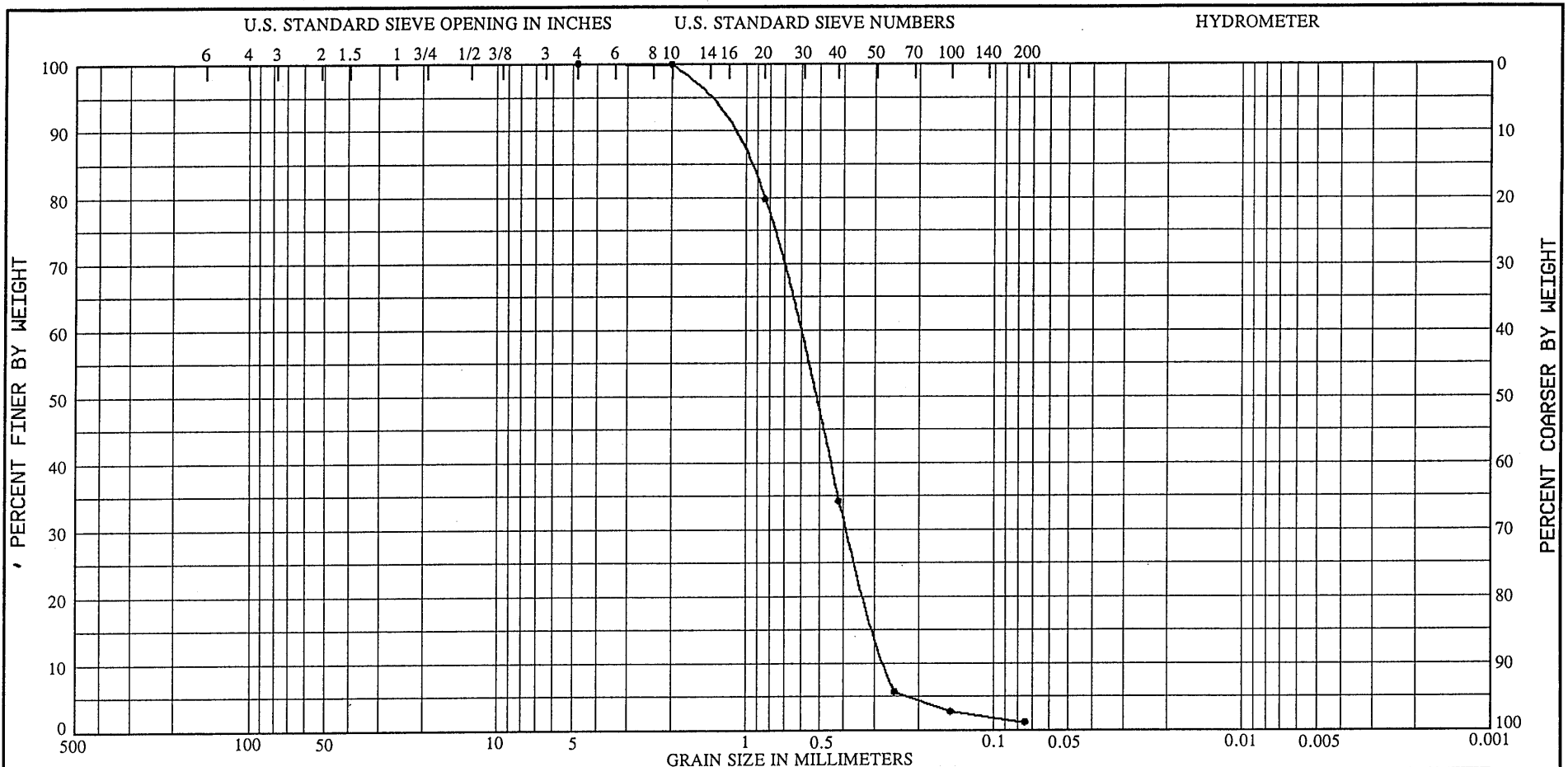
WORK ORDER: 8172
 REQUISITION: W32CS570312365



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Depth (Ft.)	Classification	Nat w%	LL	PL	PI	Project
17	17.3-18.0	CLASSIFICATION NOT REQUESTED.	0.0				KISSIMMEE RIVER RESTORATION
							GRD./SUR. WATER INTERACTION STDY.
							Lab No. 73/7609
							Boring No. KRR96-D-ND
GRADATION CURVES							Date 04/09/97





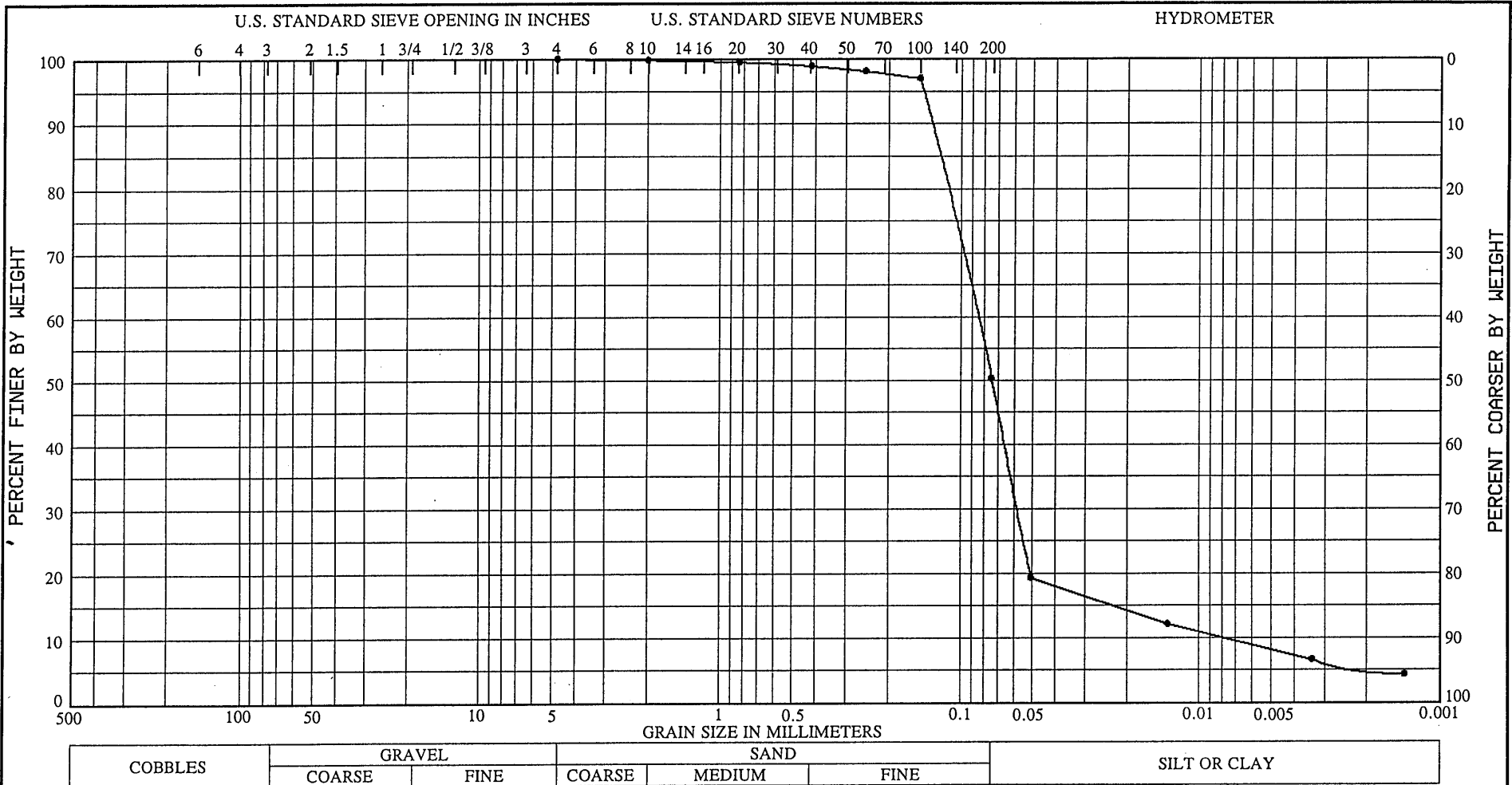
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Type of Specimen UNDISTURBED				Before Test		After Test		Project KISSIMMEE RIVER RESTORATION							
Diam.	1.25	in.	Height	2.00	in.	Water Content	w _o	11.5	%	w _f	24.1	%	GRD./SUR. WATER INTERACTION STDY.		
Class.						Void Ratio	e _o	0.642		e _f	0.642		Boring No. KRR96-D-ND		
					Saturation	S _o	47.7	%	S _f	100.0	%	Sample No. 17			
LL	PL	G _s	2.67	D ₁₀	0.28 MM	Dry Density	γ _d	101.5	lb/ft ³	k ₂₀	53.2249	x10 ⁻⁴	cm/s	Lab No.	73/7609
Variable/Constant Head PERMEABILITY TEST REPORT										Depth (ft) 17.3-18.0		Date 04/10/97			



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Sample No.	Depth (Ft)	Classification	Nat w%	LL	PL	PI	GRAIN SIZE DISTRIBUTION						
							COBBLES	GRAVEL (COARSE/FINE)	SAND (COARSE/MEDIUM/FINE)	SILT OR CLAY			
18	27.0-27.8	CLASSIFICATION NOT REQUESTED.											

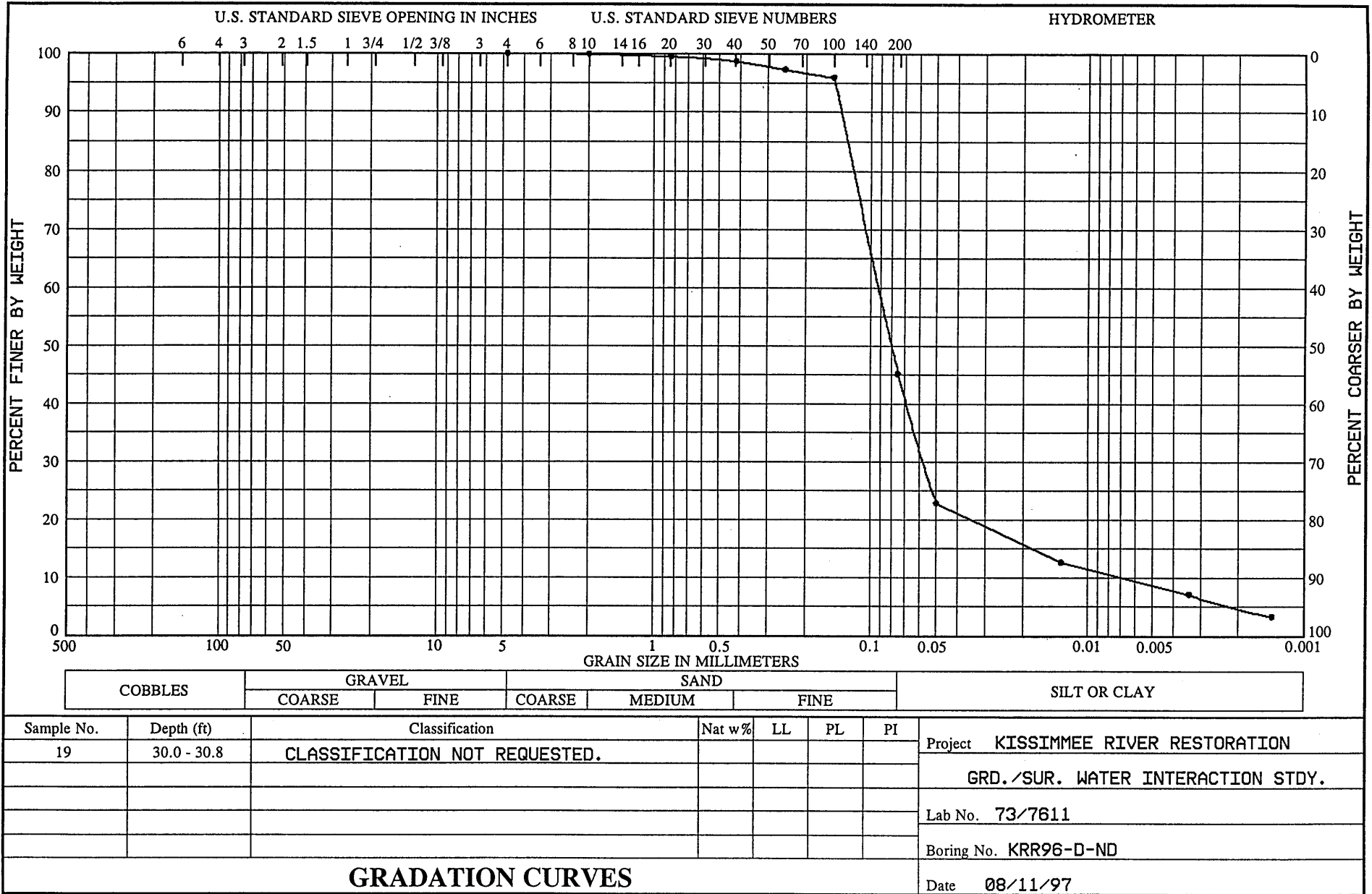
GRADATION CURVES

Project **KISSIMMEE RIVER RESTORATION**
 GRD./SUR. WATER INTERACTION STDY.
 Lab No. **73/7610**
 Boring No. **KRR96-D-ND**
 Date **03/03/97**



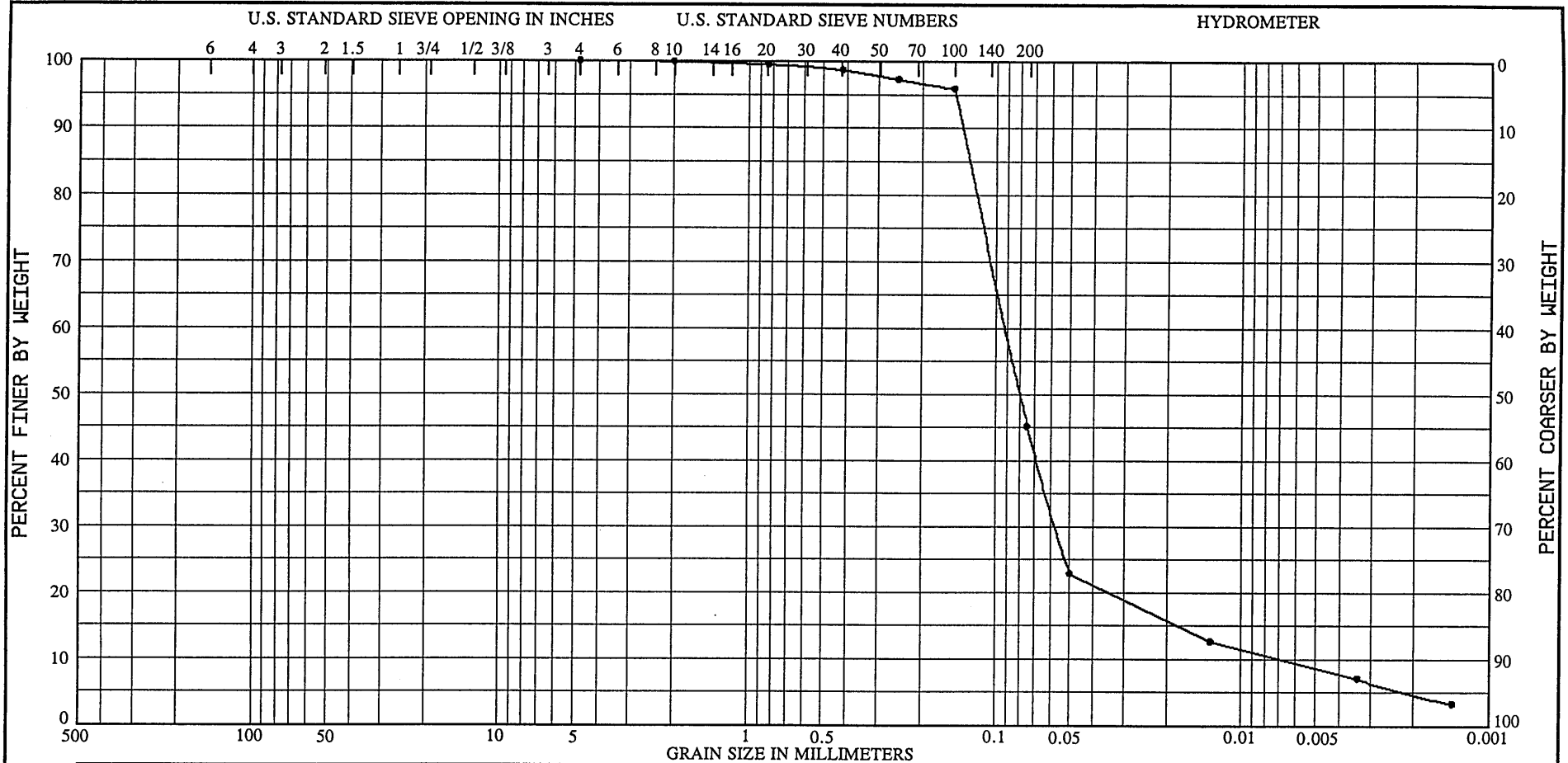
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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Type of Specimen UNDISTURBED				Before Test				After Test				Project KISSIMEE RIVER RESTORATION			
Diam.	1.25	in.	Height	2.00	in.	Water Content	w _o	11.7	%	w _f	33.6	%	GRD./SUR. WATER INTERACTION STDY.		
Class.						Void Ratio	e _o	0.907		e _f	0.907		Boring No. KRR96-D-ND		
					Saturation	S _o	29.2	%	S _f	100.0	%	Sample No. 19			
LL	PL	G _s	2.70	D ₁₀	0.007 MM	Dry Density	γ _d	88.4	lb/ft ³	k ₂₀	1.9605	x10 ⁻⁴	cm/s	Lab No. 73/7611	
Variable/Constant Head PERMEABILITY TEST REPORT												Depth (ft)	30.0-30.8	Date	08/12/97

