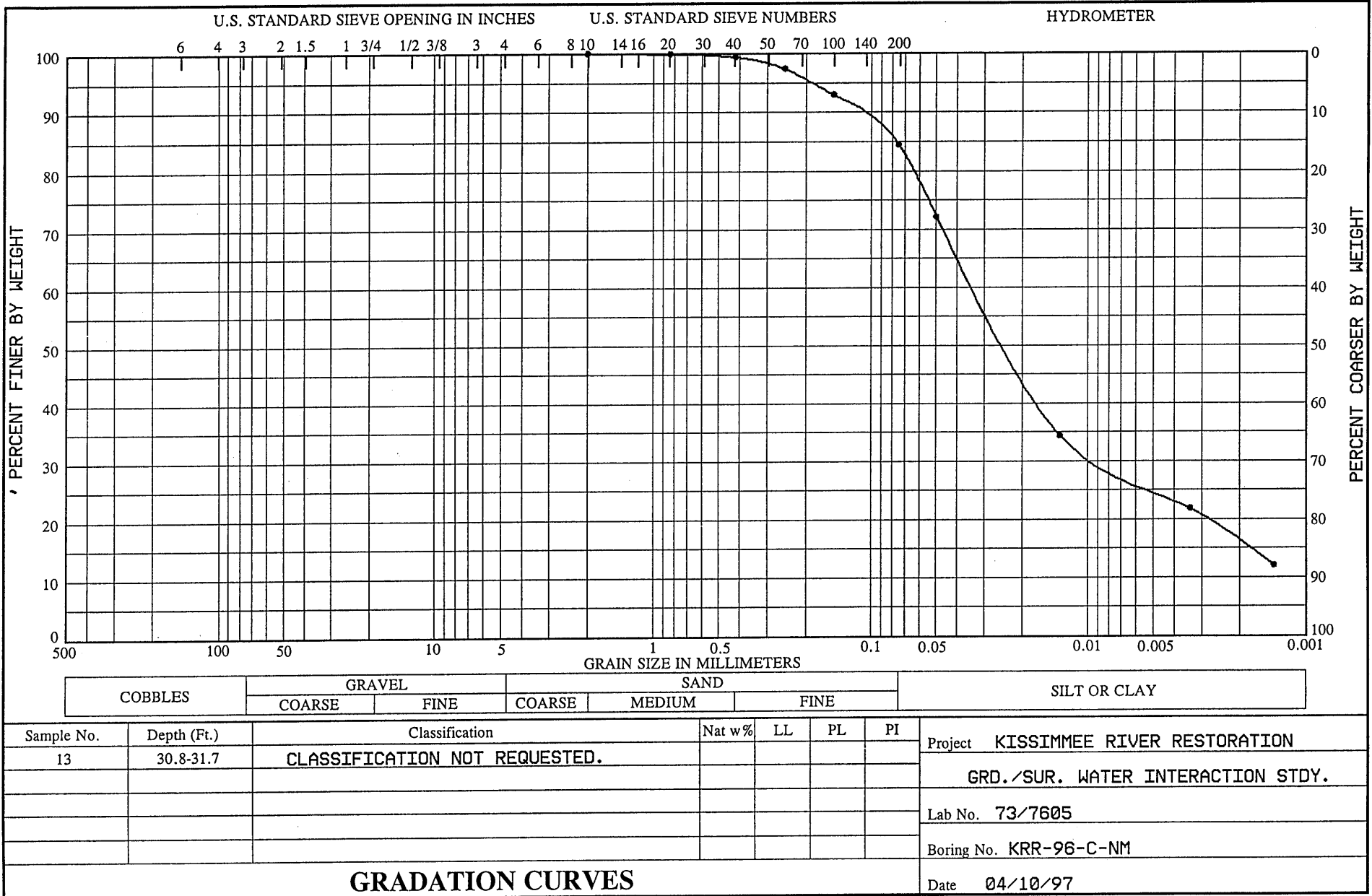


DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
 CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE, MARIETTA, GA. 30060

WORK ORDER: 8172
 REQUISITION: W32CS570312365

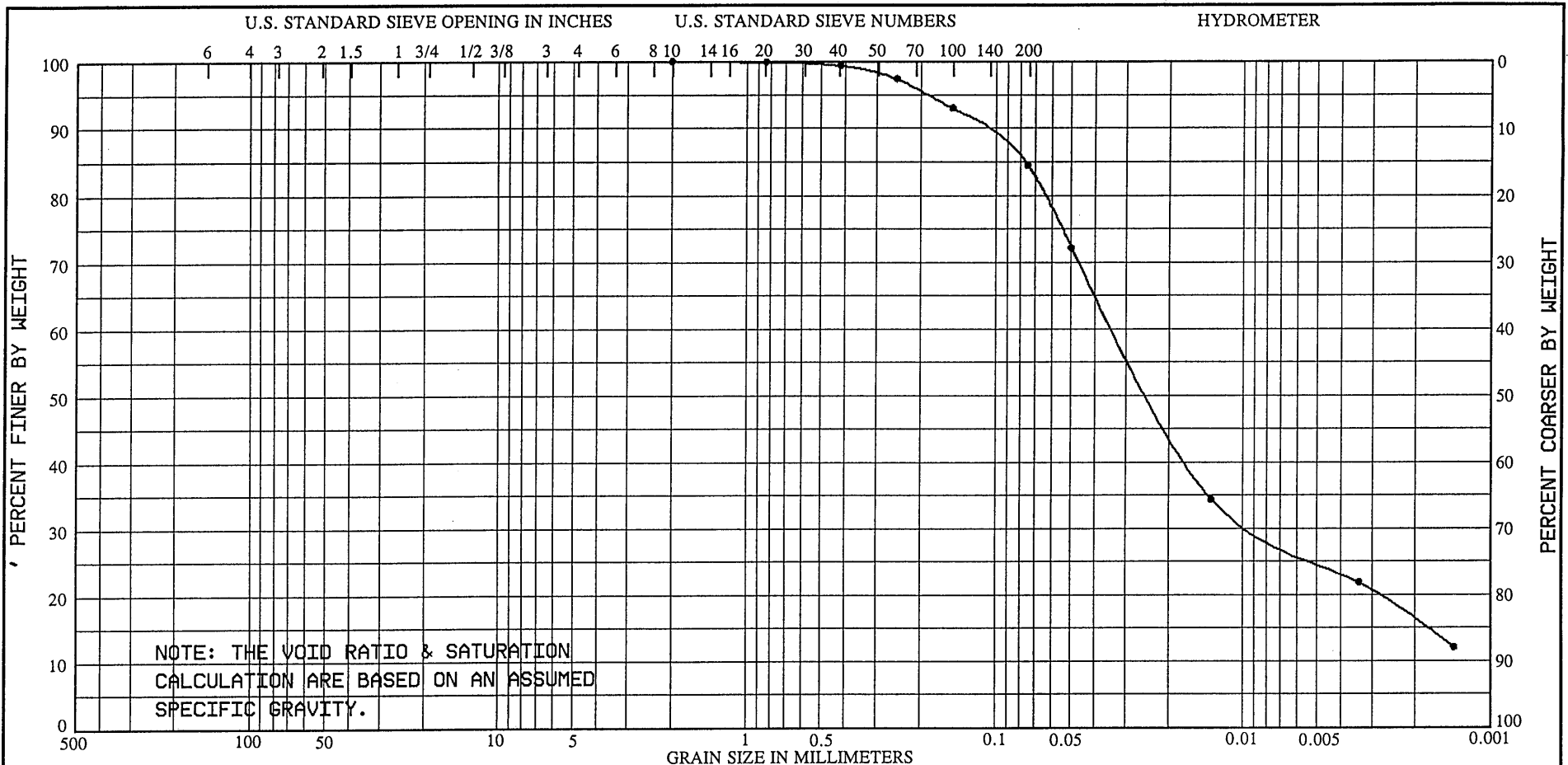


GRADATION CURVES



DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Type of Specimen UNDISTURBED				Before Test		After Test		Project KISSIMMEE RIVER RESTORATION							
Diam.	1.26	in.	Height	2.00	in.	Water Content	w _o	87.7	%	w _f	89.8	%	GRD./SUR. WATER INTERACTION STDY.		
Class.						Void Ratio	e _o	2.397		e _f	2.397		Boring No. KRR-96-C-NM		
					Saturation	S _o	99.7	%	S _f	100.0	%	Sample No. 13			
LL	PL	G _s	2.67	D ₁₀	<0.002MM	Dry Density	γ _d	49.1	lb/ft ³	k ₂₀	0.0008	x10 ⁻⁴	cm/s	Lab No.	73/7605
Variable/Constant Head PERMEABILITY TEST REPORT										Depth (ft)		30.8-31.7	Date		04/10/97

