LABORATORY TEST RESULTS OF BLACK COTTON SOIL

7.

ETL , CERTRAL TESTING LABORATORIES LIA. 

#e. 1.of.1	20/8/1990		
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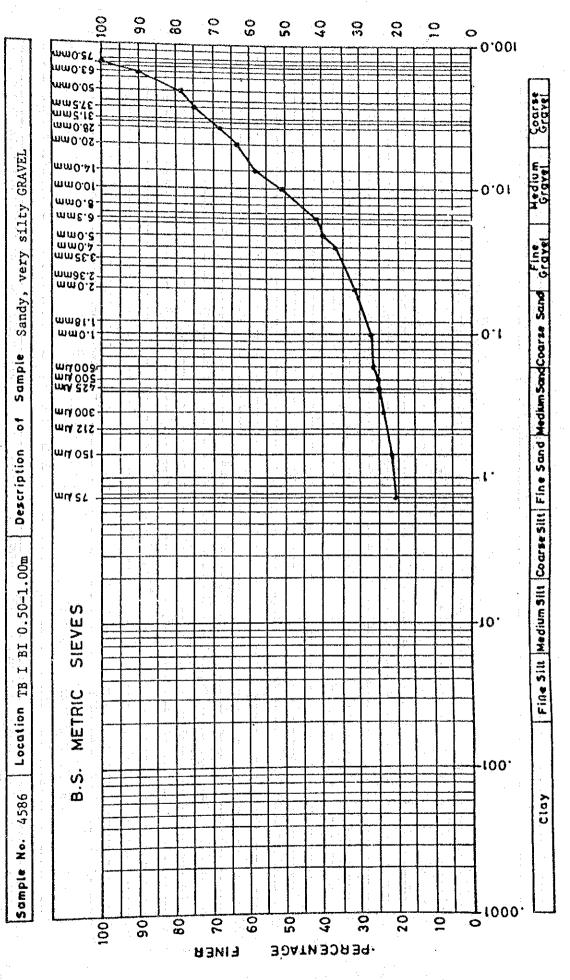
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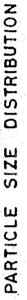
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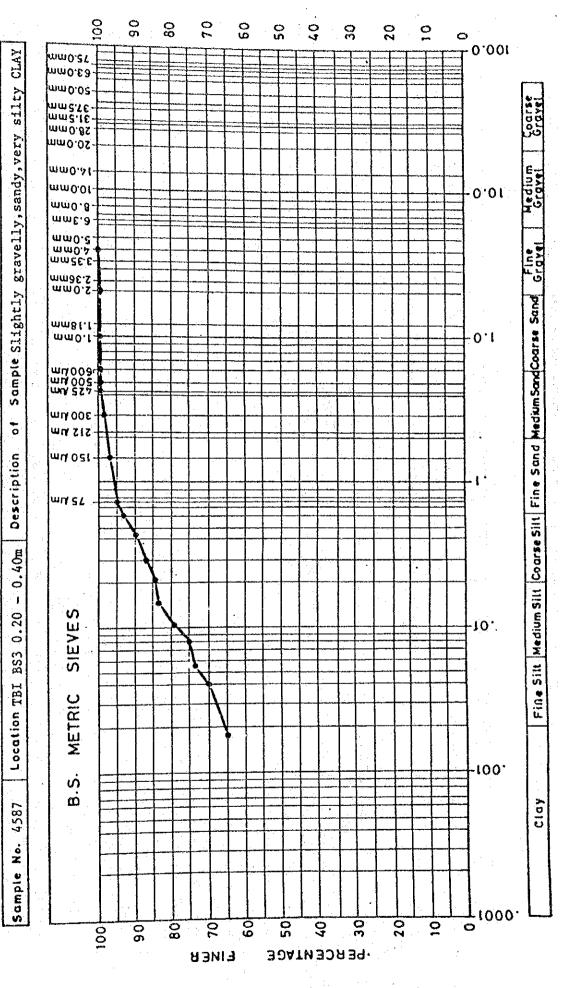
P.O. BOX 18507 TEL. 559422/23 NAIROBI.

DISTRIBUTION SIZE PARTICLE



CENTRAL TESTING LABORATORIES LTD. . . P. O. BOX 18507 TEL. 559422/23 NAIROBI.

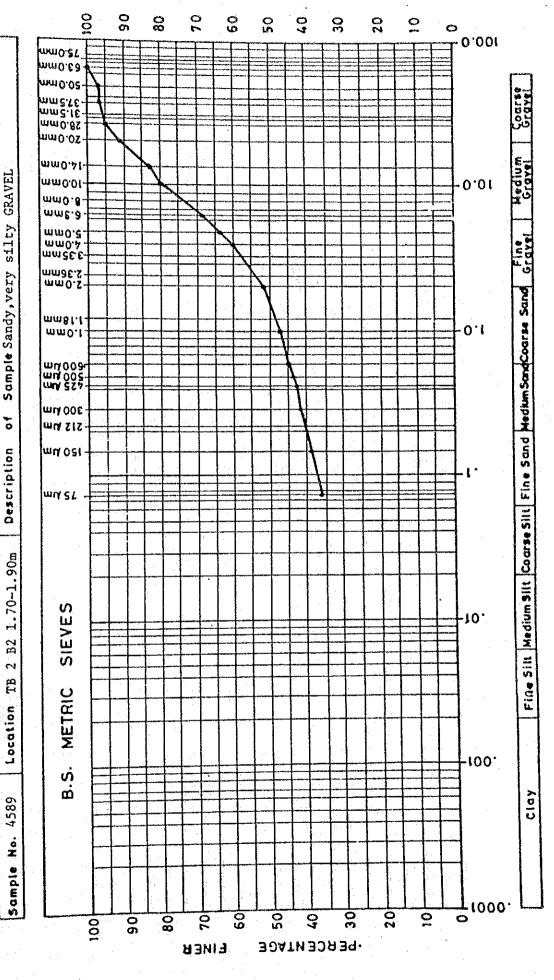




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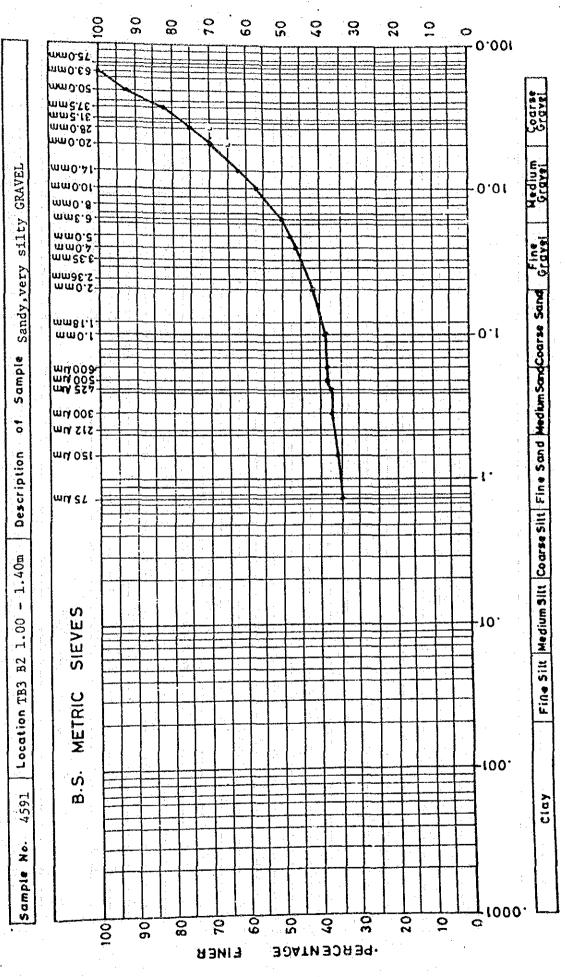
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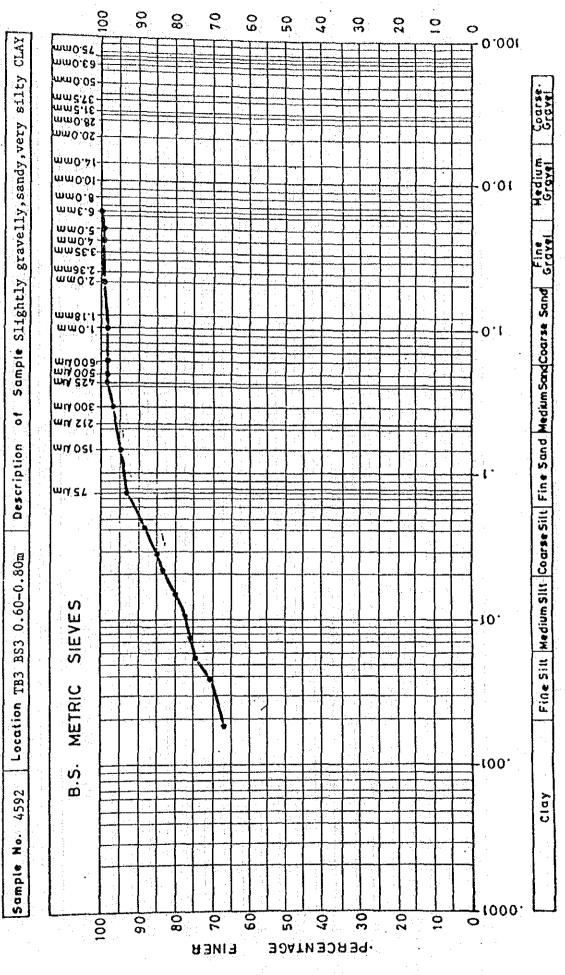
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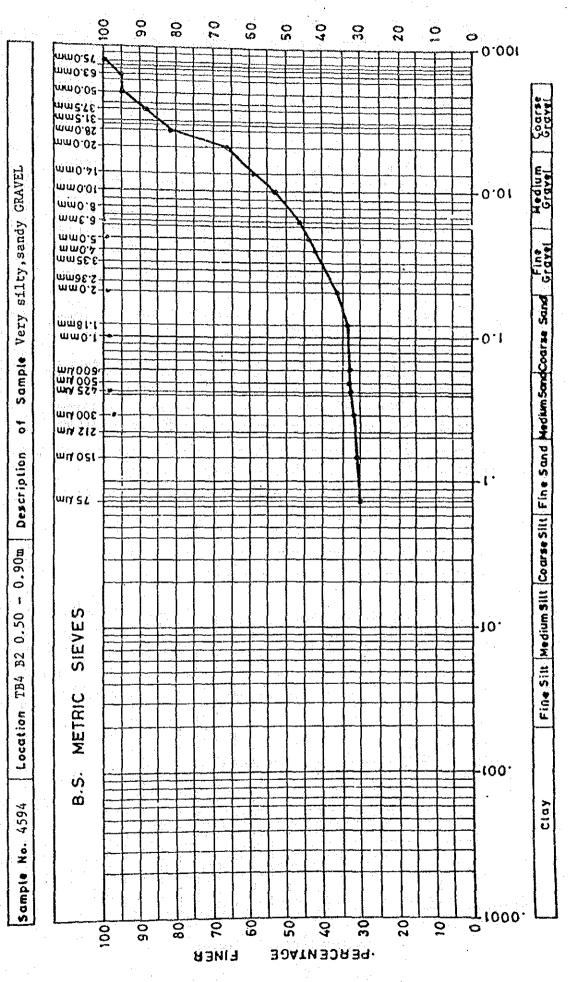
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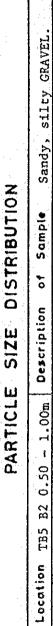
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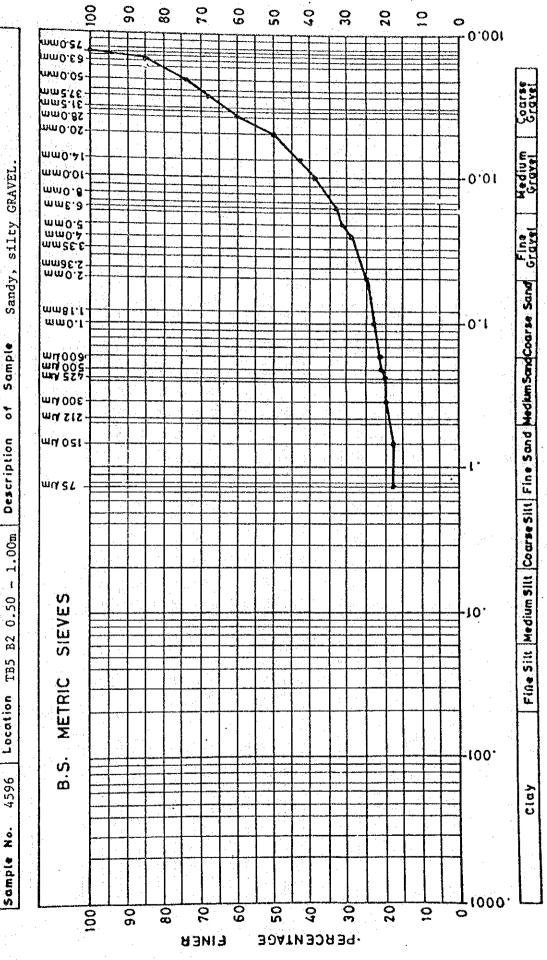
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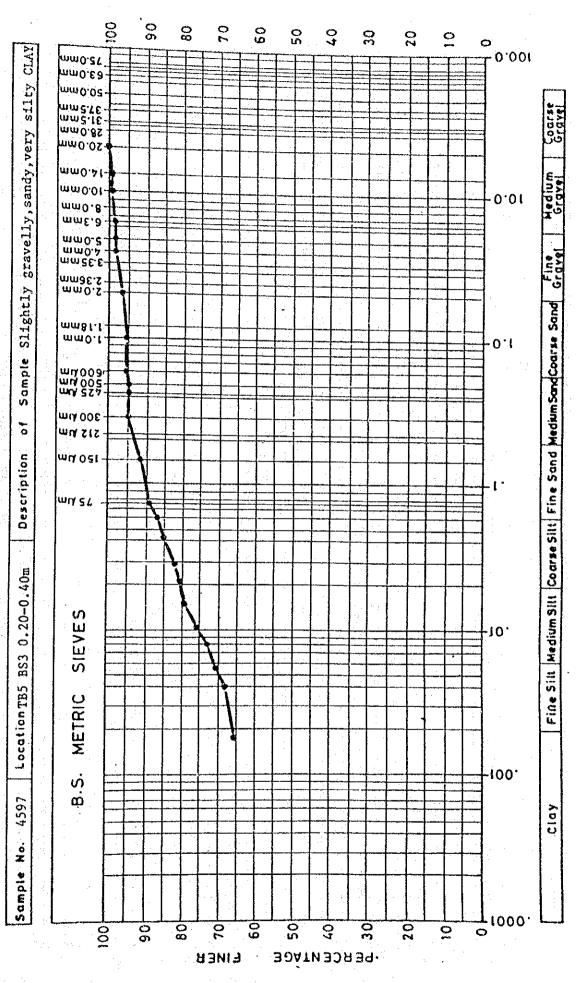
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P.O. BOX 18507 TEL. 559422123 NAIROBI. PARTICLE SIZE DISTRIBUTION

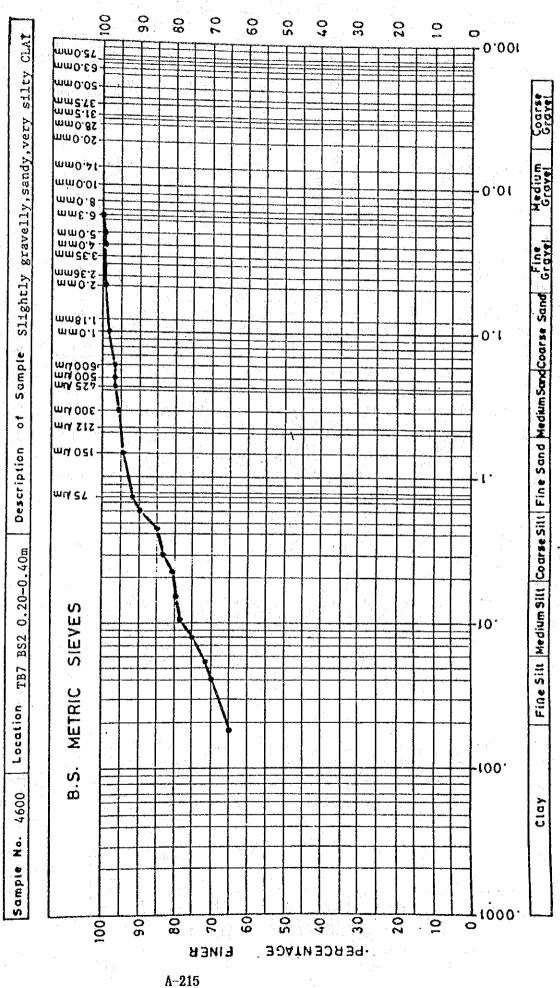


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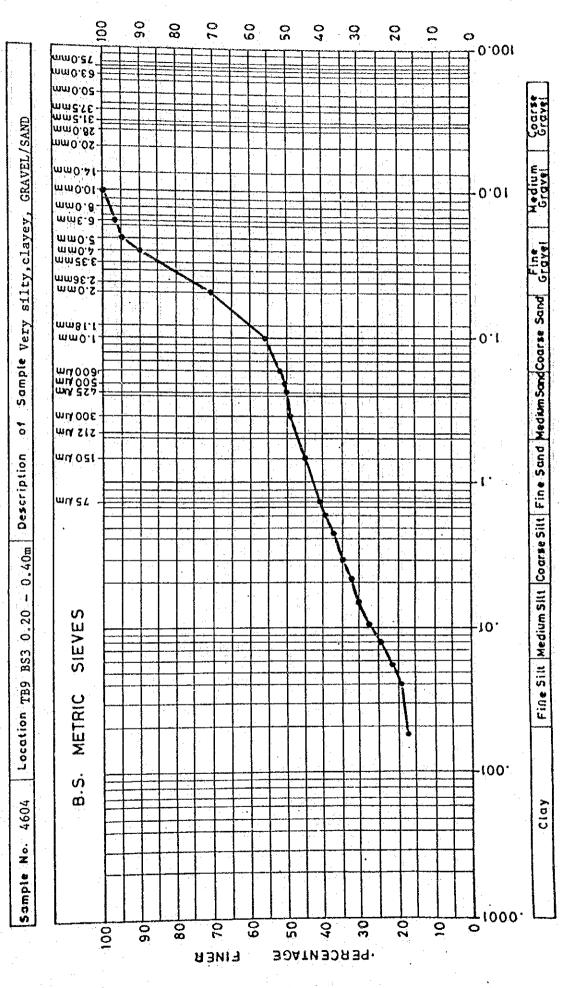
PARTICLE SIZE DISTRIBUTION



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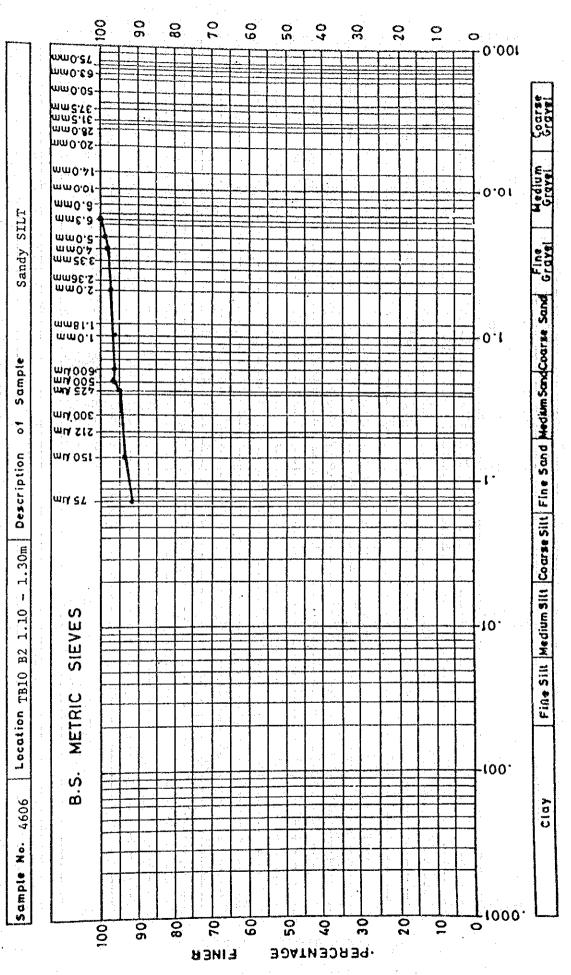
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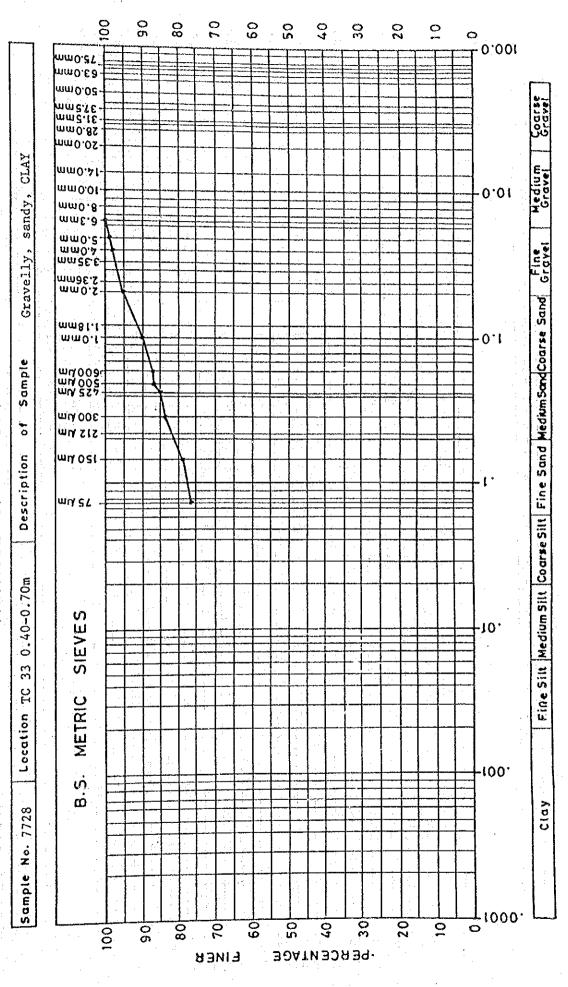
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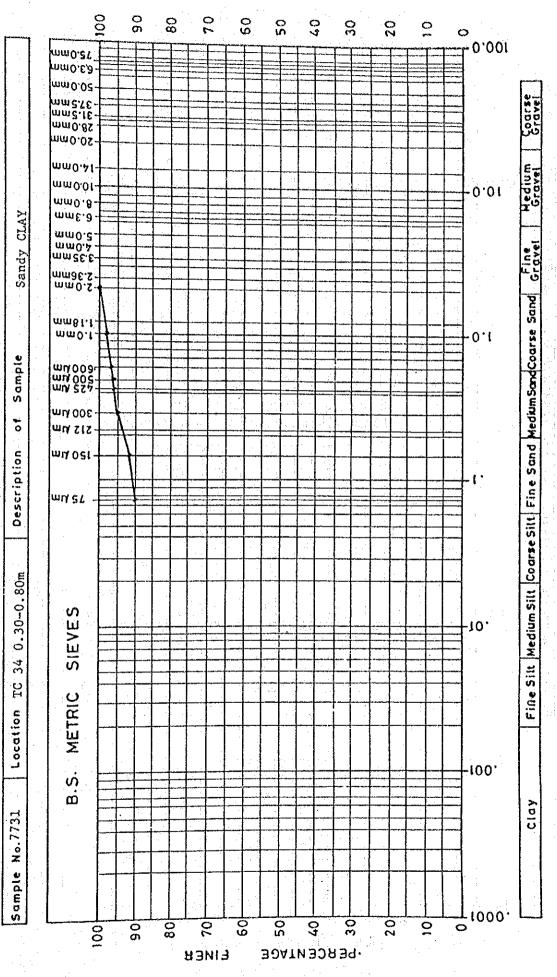
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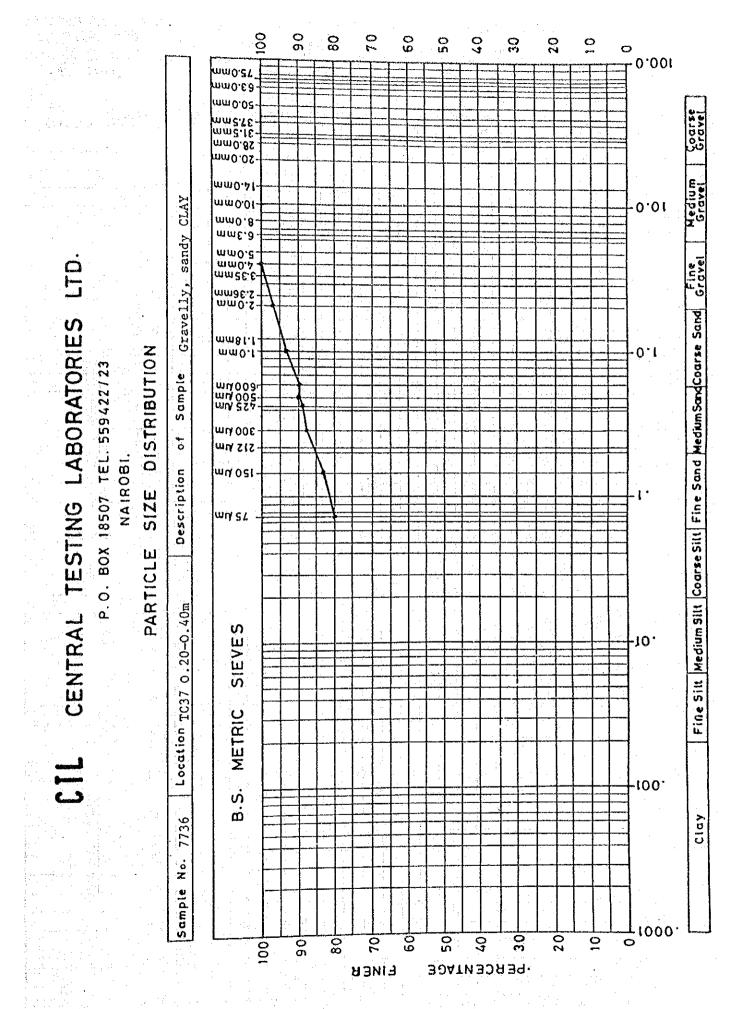
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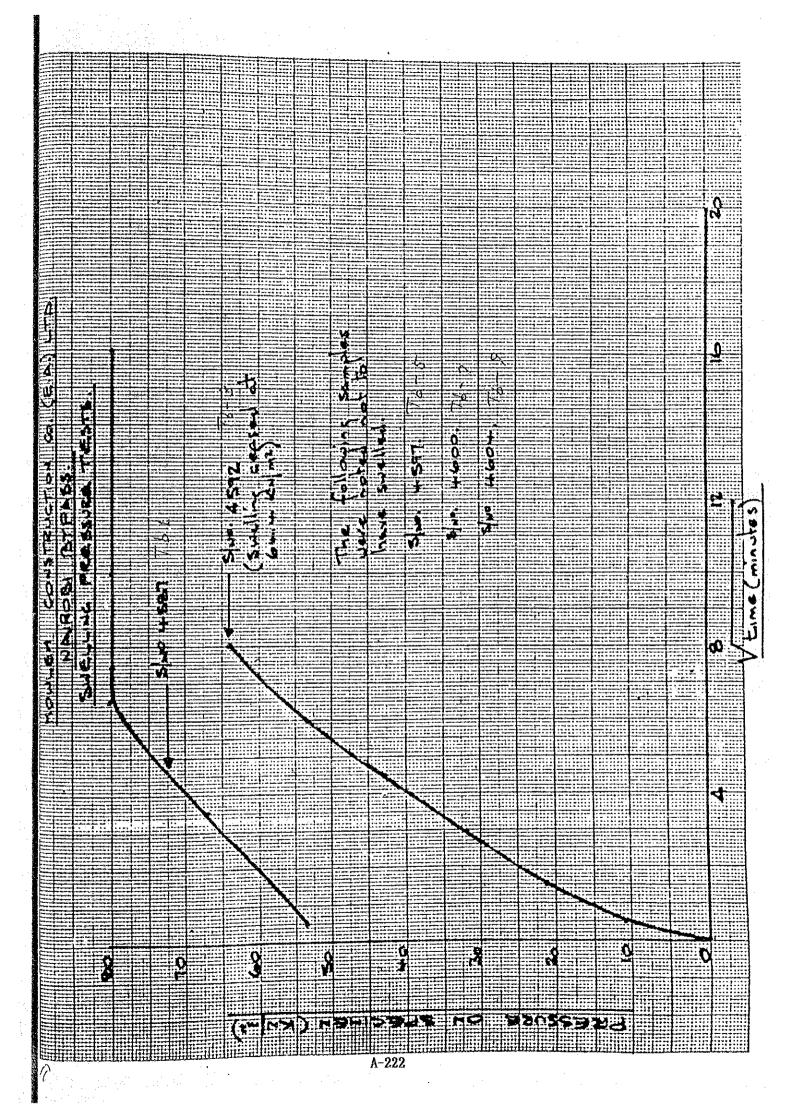
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DISTRIBUTION SIZE PARTICLE





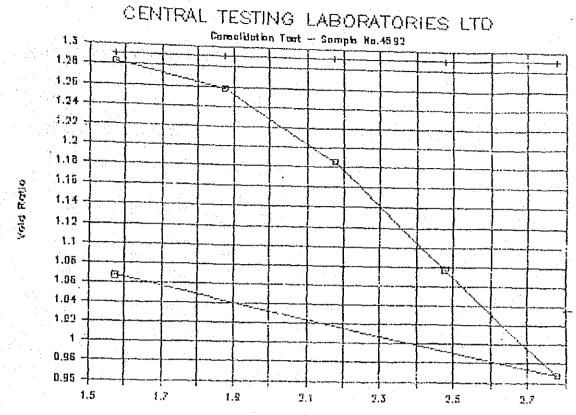
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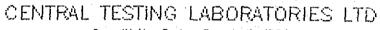
CENTRAL TES	TING LABOR 507, NAIRO	ATORIES BI, KEN	LTD YA				
CONSOLIDATI	1. T. B.			NSTRUCTION	CO.(E.A.	)LTD.	
4504 :5	ample numb	er Ti	B9 BS3	0.2m-0.4m			
"Sample Desc	ri:- Bro	Wn.verv	silty.c	lavey GRAV	EL/SAND		÷
2.40 :r	elative de	nsitv o	fscil	• •	-		
1.33 :d	ry density	ot sam	ple				
20.03 ;i	nitial hei	ant of	samble				
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pressure di				voidratio	sort90	m2/yr	m27MN
	2576						
26.8	2497	0.251	0.023	0.848	1.8	14.2	0.47
53.6	2334	0.665	0.062	0.810	2.0	10.5	0.75
107.3	2010	1.488	0.139	0.733	2.3	7.8	0.79
214.5	1660	2.377	0.222	0.650	2.0	9.0	0.45
429.0	1245				2.5	5.2	0.28
25.8	1366	3.124	0.292	0,580		 -	
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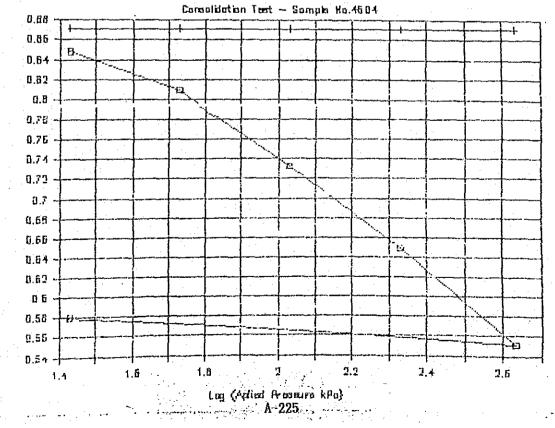
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CONSOLIDA	TION TEST	and the second				
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	:relative der					
	dry density					
	:initial heig		a '			
	initial void		- 		÷	
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	if not then r			ad a second	CV	av
oracsure	dialread htcl		de voidratio	sort90	m2/yr	m2714N
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		0.076 0.00		· 72.0	12.7	0.09
37.5				2.5	8.0	0.29
37.5	152 (	0.310 0.0.	33 1,258			
75.0		0.310 $0.030.995$ $0.10$		- 4.5	2.4	0,43
75.0 150.0	422 0	0.996 0.10	06 1.185		2.4 0.7	0,43 0,73
75.0 150.0 300.0	422 820	0.976 0.10 2.007 0.2	06 1.185 14 1.078	- 4.5		
75.0 150.0	422 820 1228	0.996 0.10	06 1.185 14 1.078 24 0.967	- 4.5 7.0	0.9	0.73



Log (Aplied Pressure 1:Po)



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1012 8 210

13-Aug-90

## CENTRAL TESTING LABORATORIES LTD P.G. Box 18507, NAIROBI, KENYA

NAIROBI BY PASS TB3 BS3 0.6m-0.8m Duick undrained triaxial 4592 Sample Ng.

Description:- Black,slightly gravelly,sandy,vary silty CLAY

--- 37 kK/#2

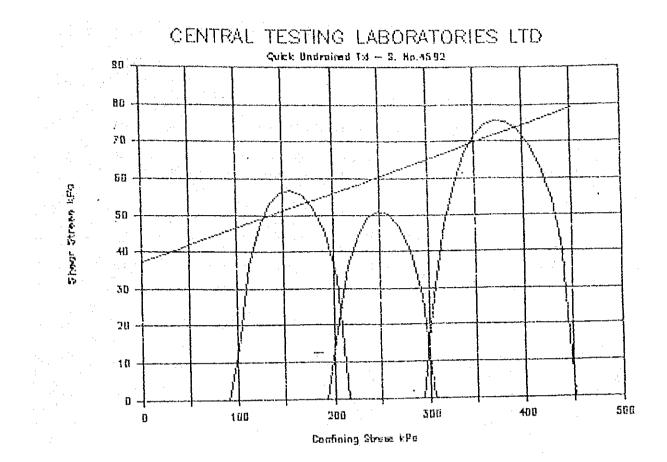
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Ş	Speciden	Bulk	Noisture	Confining1	/2 Deviator
	No.	Density	Content	Pressure	Stress
	•	kg/±3		kN/#2	kN/a2
	1	1646		100	57
	2	1648	40.2	200	51
	3	1650	41.5	300	. 75

5.3 degrees Intercept

Slope

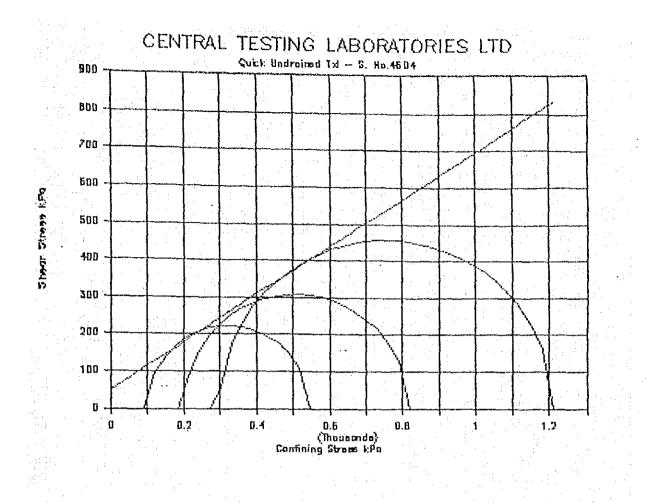


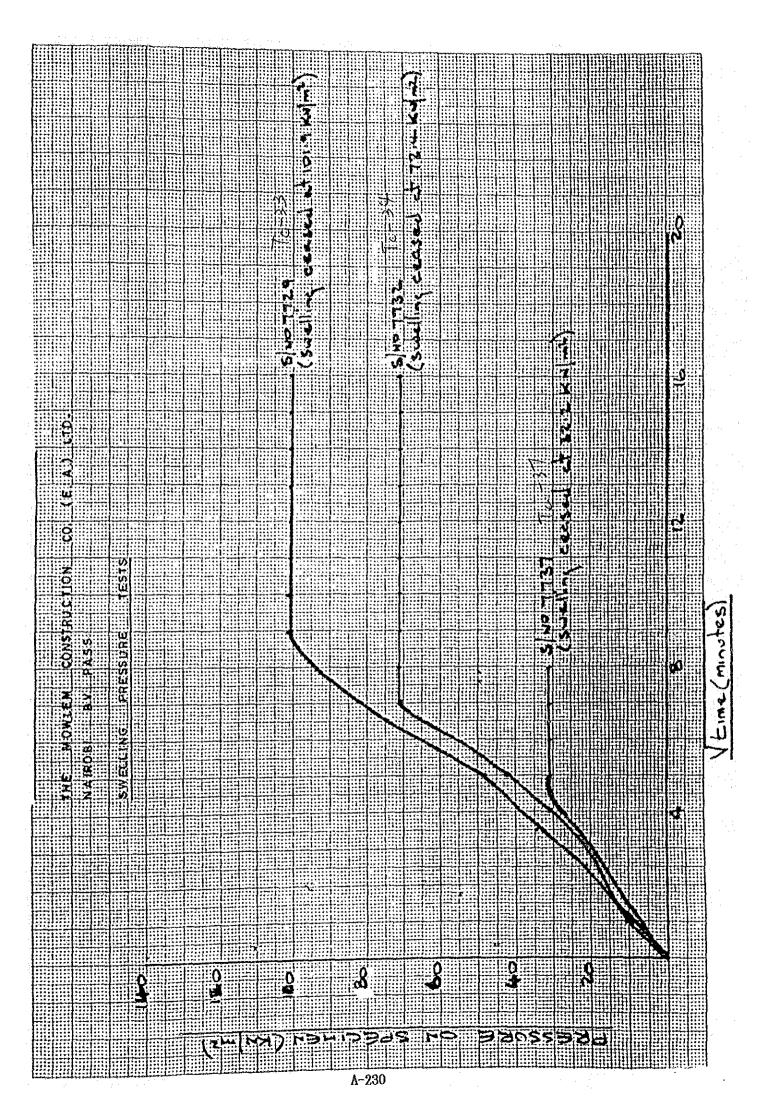
20-Aug-90

## CENTRAL TESTING LABORATORIES LTD P.D. Box 18507, MAIROBI, KENYA NAIROBI BY PASS TB9 BS3 0.2a-0.4m QUICK UNDRAINED TRIAXIAL 4604 Sample No. Description:- Brown, clayey MURRAM with grass root fibres Specimen Bulk Moisture Confining1/2 Deviator No. Density Content Pressure Stress

₹D.	•	vensity kg/m3	Content I	Pressure kK/s2	Stress kN/m2	
,	1	1659	16.2	100	223	
	2	- 1660	16.3	200	309	1
. *	3	1661	16.3	300	457	
Slope		32.8	degrees	Intercept	51	kN/a2

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## LABORATORY TEST RESULTS OF GRAVEL MATERIAL SITE

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