LABORATORY CALIFORNIA BEARING RATIO (CBR) TEST DATA

1. PROJECT			2. DATE
3. EXCAVATION NUMBER	4. SAMPLE NUMBER		5. CONDITION ☐ DISTURBED ☐ UNDISTURBED

COMPACTION DATA	6. MOLD NUMBER		7. NUMBER OF LAYERS		8. BLOWS PER LAYER	
	9. PERCENT OF 3/4 in MATERIAL REPLACED		10. WEIGHT OF HAMMER *(lb)*		11. HEIGHT OF DROP *(in)*	
PROVING-RING DATA	12. NUMBER	13. CONSTANT	14. CAPACITY	15. SURCHARGE WEIGHTY	16. SOAKING *(lb)*	17. PENETRATING *(lb)*
18. SWELL DATA *(Initial / Final)*	a. DATE	b. TIME	c. ELAPSED TIME	d. DIAL READING	e. INITIAL HEIGHT	f. SWELL PERCENT
			0.00			*(d / e x 100)*

19. PENETRATION DATA

a. PENETRATION *(in)*	b. STANDARD UNIT LOAD *(psi)*	c. PROVING RING DIAL READING *(in)*	d. CORRECTED RING DIAL READING *(in)*	e. TOTAL LOAD *(lb)*	f. UNIT LOAD *(psi)* *(e / 3.00)*	g. CORRECTED UNIT LOAD *(psi)*	h. CBR (%) *(g / b x 100)*
0.025	250						
0.050	500						
0.075	750						
0.100	1000						
0.125	1125						
0.150	1250						
0.175	1375						
0.200	1500						
0.300	1900						
0.400	2300						
0.500	2600						

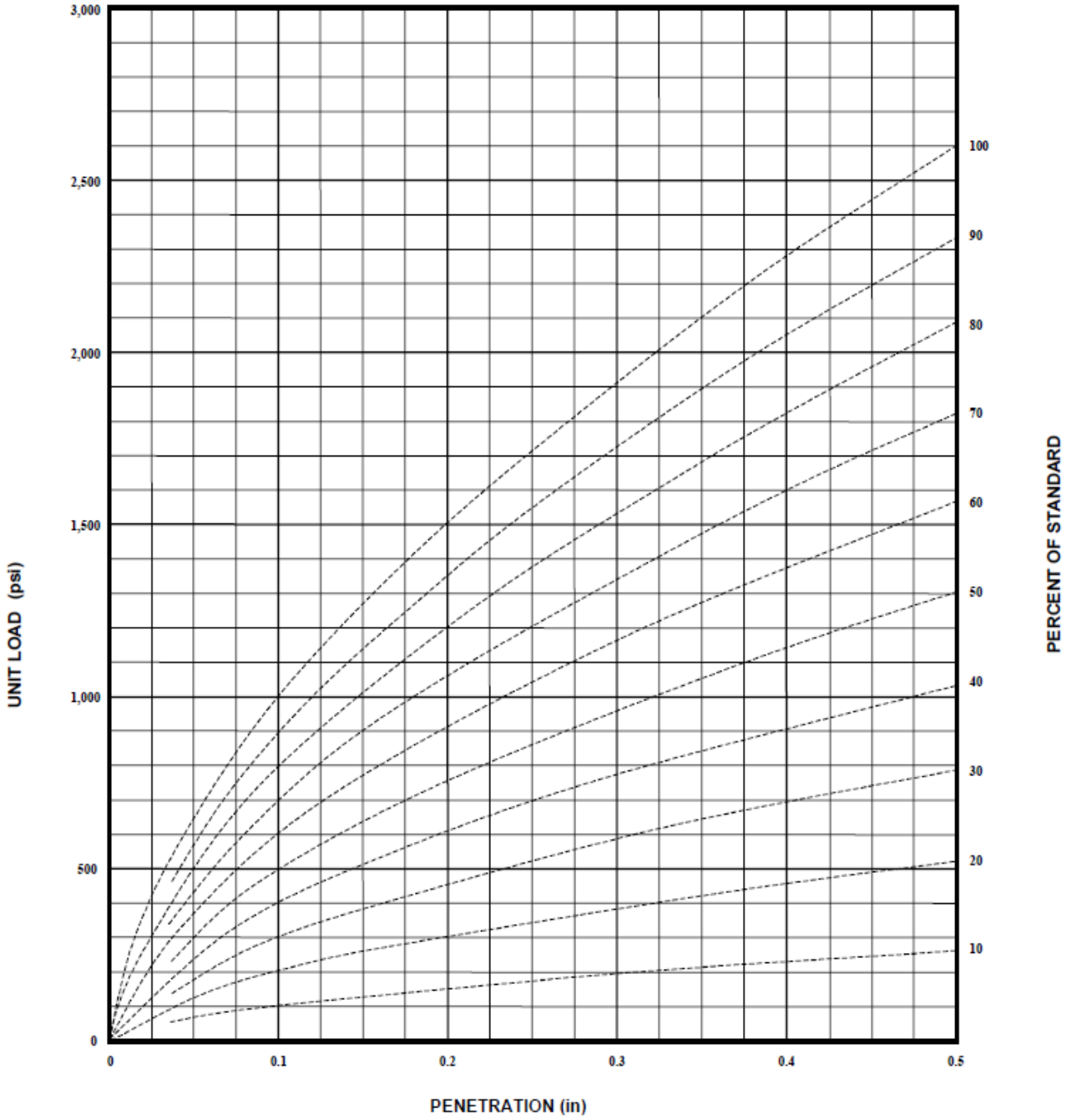
WATER CONTENT AND UNIT WEIGHT DATA

SAMPLES TAKEN	UNITS	BEFORE SOAKING		AFTER SOAKING	
20. WEIGHT OF MOLD + WET SOIL	Grams				
21. WEIGHT OF MOLD	Grams				
22. WEIGHT OF WET SOIL *(20 - 21)*	Grams				
23. WET UNIT WEIGHT, γ wet *[22 / 453.6] /0.075)*	Pcf				
24. TARE NUMBER/SAMPLE TAKEN		BEFORE COMPACTION	AFTER COMPACTION	TOP 1 INCH	FROM MOLD
a. WEIGHT OF TARE + WET SOIL	Grams				
b. WEIGHT OF TARE + DRY SOIL	Grams				
c. WEIGHT OF WATER, W_W *(a - b)*	Grams				
d. WEIGHT OF TARE	Grams				
e. WEIGHT OF DRY SOIL, W_S *(b - d)*	Grams				
f. WATER CONTENT, $w = \frac{W_W}{W_S} \times 100$ *(c / e x 100)*	Percent				
25. AVERAGE WATER CONTENT	Percent				
26. DRY UNIT WEIGHT, $\gamma d = \frac{\gamma \text{ wet}}{1 + (w / 100)}$	Pcf				

DD FORM 1212, DEC 1999 EDITION OF AUG 57 IS OBSOLETE. Reset

CBR TEST GRAPH

(Plot test curve below to obtain corrected unit load)



27. REMARKS

28. TECHNICIAN *(Signature)*	29. COMPUTED BY *(Signature)*	30. CHECKED BY *(Signature)*