Field Soil Compaction (Nuclear)

Airport: _____ Consultant: _____

Illinois Project: _____ Contractor: _____

A.I.P. Project: _____

	Test Date	Test No.	Station	Ref.	Type Const	Type Insp.	Original ID No.	Elevation Grnd	Elevation Grade	Test
A										
B										
C										
D										
E										
F										
G										

	Material Source	Soil Type	Test Method	Opt. H2O	Actual H20	Standard Proctor	Actual Density	% Std.	Min. Spec.	Results
A			**NUC**							
B			**NUC**							
C			**NUC**							
D			**NUC**							
E			**NUC**							
F			**NUC**							
G			**NUC**							

		A	B	C	D	E	F	G
1. Moisture Reading C.P.M.	A.							
	B.							
	C.							
	Avg.							
2. Moisture Standard Count								
3. Moisture Count Ratio (1 / 2)								
4. Density Depth								
5. Wet Density Reading C.P.M.								
	A.							
	B.							
	C.							
	Avg.							
6. Density Standard Count								
7. Density Count Ratio (5 / 6)								
8. Actual Wet Density #/Cu. Ft.								
9. Actual Moisture #/Cu. Ft.								
10. Actual Dry Dens. #/Cu.Ft. (8 - 9)								
11. Actual Moisture (9 / 10)x100								
12. Wt. Mold + Soil								
13. Wt. Mold								
14. Net Weight Soil (12-13)								
15. Wet Density #/Cu.Ft								
16. Dry Density #/Cu.Ft								
(Moisture Data)								
17. Initial Soil / P (Wet)								
18. Final Soil / P (Dry)								
19. Moisture Loss (17 - 18)								
20. Tare Weight								
21. Net Dry Soil (18 - 20)								
22. % Moisture (19 / 21)								

REMARKS: _____

Inspector: _____

Res. Engineer: _____

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