View Sample Round Result Confirmation

AMRL Proficiency Sample Program

Soil Classification and Compaction 173/174

University of Arkansas
Fayetteville, Arkansas
PSP Enrollment#: 3879
Created by sgwill@uark.edu on 3/4/2016

Your results have been received. Thank you for using our online submission system. Please print the following information for your records.

Testing Parameters

1. Particle Size Analysis of Soils by Hydrometer

Total material passing the 2.00-mm (No. 10) sieve

Sample 173	Sample 174
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2. Particle Size Analysis of Soils by Hydrometer

Total material passing the 0.425-mm (No. 40) sieve

Sample 173	Sample 174
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3. Particle Size Analysis of Soils by Hydrometer

Total material passing the 0.075-mm (No. 200) sieve

Sample 173	Sample 174
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4. Particle Size Analysis of Soils by Hydrometer

Total material smaller than 0.02 mm

Sample 173	Sample 174
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5. Particle Size Analysis of Soils by Hydrometer

Total material smaller than 0.002 mm

Sample 173	Sample 174
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6. Particle Size Analysis of Soils by Hydrometer

Total material smaller than 0.001 mm

Sample 173	Sample 174
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7. Liquid Limit of Soils (Atterberg Limits)

Liquid Limit

Sample 173	Sample 174
25.8	25.7
Version: T89-2013	*Version:* T89-2013
Type of Grooving Tool: Curved	*Type of Grooving Tool:* Curved

8. Plastic Limit of Soils (Atterberg Limits)

Plastic Limit

Sample 173	Sample 174
13.9	13.8
Version: -	*Version:* -

9. Shrinkage Factors of Soils by Wax Method

Shrinkage Limit (Wax Method)

Sample 173	Sample 174
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10. Specific Gravity of Soils

Specific Gravity, Passing 2.00 mm (No. 10), TX / 20°C

Sample 173	Sample 174
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11. Moisture-Density (Proctor) of Soils, Standard Effort
Optimum Moisture Content (Standard)

Sample 173		**Sample 174**	
7.7		7.8	
Version:	T99-2010	*Version:*	T99-2010
Mold Diameter:	*4in*	*Mold Diameter:*	*4in*
Rammer Type - Standard Effort:	*Manual*	*Rammer Type - Standard Effort:*	*Manual*

12. Moisture-Density (Proctor) of Soils, Standard Effort
Maximum Dry Density (Standard)

Sample 173		**Sample 174**	
131.4		130.9	
Version:	T99-2010	*Version:*	T99-2010
Mold Diameter:	*4in*	*Mold Diameter:*	*4in*
Rammer Type - Standard Effort:	*Manual*	*Rammer Type - Standard Effort:*	*Manual*

13. Moisture-Density (Proctor) of Soils, Standard Effort
Optimum Moisture Content (Modified)

Sample 173	**Sample 174**
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14. Moisture-Density (Proctor) of Soils, Standard Effort
Maximum Dry Density (Modified)

Sample 173	**Sample 174**
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Laboratory Comments:

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