

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: 02231387.0005B

Service Date: 02/01/24

Report Date: 02/08/24



15620 W 113th St
Lenexa, KS 66219-5102
913-492-7777

Client

The Summit Church
Attn: Robin Dawson
3381 NW Chipman Road
Lee's Summit, MO 64081

Project

The Summit Church Maintenance Facility
3381 NW Chipman Road
Lee's Summit, MO 64081

Project Number: 02231387

Material Information

Source of Material: Provided by client
Proposed Use:

Sample Information

Sample Date: 02/05/24
Sampled By: David Hattaway
Sample Location: Provided by client

Sample Description: Gray recycled concrete

Laboratory Test Data

Test Procedure: ASTM D698
Test Method: Method C
Sample Preparation: Dry
Rammer Type: Mechanical

Liquid Limit:
Plastic Limit:
Plasticity Index:
In-Place Moisture (%):

Oversized Particles (%): 0.8
Moisture (%): 0.1
Sieve for Oversize Fraction: 3/4

Assumed Bulk Specific Gravity
of Oversized Particles: 2.7

Corrected for Oversized Particles (ASTM D4718)

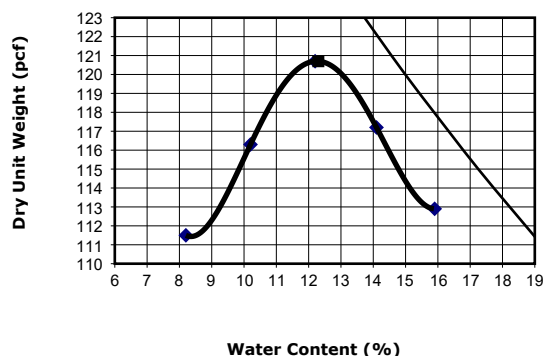
Maximum Dry Unit Weight (pcf): 120.7
Optimum Water Content (%): 12.3

Uncorrected Values

Maximum Dry Unit Weight (pcf): 120.4
Optimum Water Content (%): 12.4

USCS:

Zero Air Voids Curve for Assumed Specific Gravity
2.70



Comments:

Services:

Terracon Rep.: Braden Albert

Reported To:

Contractor:

Report Distribution:

(1) The Summit Church,
rdawson@reachingthesummit.com

(1) Steve Skinner Construction,
sskinnerconst@gmail.com

Reviewed By:

Leonard J. Rewerts
Senior Project Manager/Geologist

Test Methods: ASTM D698

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

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Project Number: 02231387

Laboratory Classification: Gray recycled concrete
Material Source: Imported from Quarry provide by client
Sample Location: sample of material was provided client
Proposed Use: Structural Fill, Low Volume Change Fill
Testing Performed: Standard Proctor
Source of Specifications: not provided

Summary:

Terracon's laboratory completed the requested scope of testing for the above-referenced sample. A report of these test results is attached.

Comments:

Services:

Terracon Rep.: Braden Albert

Reported To:

Contractor:

Report Distribution:

(1) The Summit Church,
rdawson@reachinethesummit.com

(1) Steve Skinner Construction,
sskinnerconst@email.com

Reviewed By:

A handwritten signature in black ink, reading 'Leonard J. Rewerts', written over a horizontal line.

Leonard J. Rewerts

Senior Project Manager/Geologist

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