



Client: Bonaguidi Construction
 3100 East Aztec Ave.
 Suite 5
 Gallup, NM 87301-

Report Date: February 03, 2015

Attn: Dan Bonaguidi
 Project Name: Pond 6 Dock Repair w/Engineer Firm
 Gallup, NM

Project #: 14-519-00435.4
 Work Order #: 1
 Lab #: G5692
 Sampled By: Client
 Date Sampled: 1/26/2015

Visual Description of Medium Dark Reddish Brown Clay
 Material:

Sample Source: TP-1 -2.0' to 3.0'

Project Manager: Lee Lommler

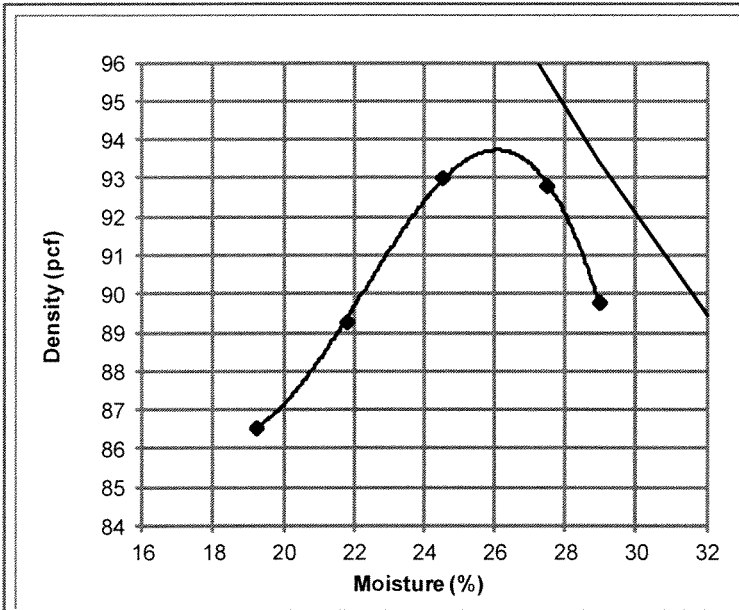
SOILS / AGGREGATES

No Project Specification was Provided.

Sieve Analysis (ASTM C117-04/C136-06)

200 Wash Procedure: A

| Sieve Size | Passing |
|------------|---------|
| 3/4in. | 100% |
| 1/2in. | 98% |
| 3/8in. | 95% |
| #4 | 80% |
| #10 | 73% |
| #40 | 67% |
| #50 | 66% |
| #100 | 63% |
| #200 | 61% |



Moisture Density Relationship: (ASTM D698-07)

Method: A

Preparation Method: Dry Rammer Type: Mechanical

Specific Gravity: 2.651 Assumed

Maximum Density: 93.7

(ASTM D2216-10)

Optimum Moisture: 26.1

Moisture Content (%): 12.5%

Plasticity Index (ASTM D4318-10)


Liquid Limit: 65

Plastic Limit: 25

Plasticity Index: 40

Preparation Method: Dry Liquid Limit Method: A
 PI Air Dried.

Soil Classification (ASTM D2487-10) CH

Reviewed By: 

Jan

Distribution: Client File: Supplier: Email: Other: Addressee ()
 Dan Bonaguidi (email) (1)



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Project Manager: Lee Lommler

Report Date: February 03, 2015

Project #: 14-519-00435.4
Work Order #: 1
Lab #: G5693

Sampled By: Client
Date Sampled: 1/26/2015
Visual Description of Material: Medium to Dark Reddish Brown Clay
Sample Source: TP-2 P-6 SW Corner

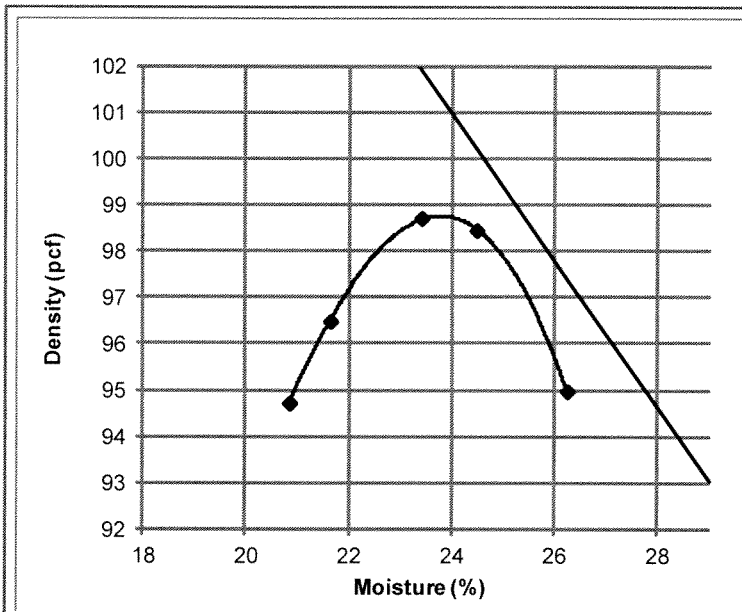
SOILS / AGGREGATES

No Project Specification was Provided.

Sieve Analysis (ASTM C117-04/C136-06)

200 Wash Procedure: A

| Sieve Size | Passing |
|------------|---------|
| #4 | 100% |
| #10 | 96% |
| #40 | 88% |
| #50 | 84% |
| #100 | 78% |
| #200 | 74% |



Moisture Density Relationship: (ASTM D698-07) Method: A

Preparation Method: Dry Rammer Type: Mechanical

Specific Gravity: 2.651 Assumed

Maximum Density: 98.8

Optimum Moisture: 23.8

(ASTM D2216-10)

Moisture Content (%): 26.9%

Plasticity Index (ASTM D4318-10)

Liquid Limit: 55

Plastic Limit: 23

Plasticity Index: 32

Preparation Method: Dry Liquid Limit Method: A
 PI Air Dried.

Soil Classification (ASTM D2487-10) CH

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Work Order #: 1
Lab #: G5694

Sampled By: Client
Date Sampled: 1/26/2015
Visual Description of Material: Medium Reddish Brown Silty Clay
Sample Source: TP-3

Project Manager: Lee Lommler

SOILS / AGGREGATES

No Project Specification was Provided.

Sieve Analysis (ASTM C117-04/C136-06)

200 Wash Procedure: A

| <u>Sieve Size</u> | <u>Passing</u> |
|-------------------|----------------|
| 1 1/2in. | 100% |
| 1in. | 97% |
| 1/2in. | 95% |
| 3/8in. | 94% |
| #4 | 91% |
| #10 | 89% |
| #40 | 81% |
| #50 | 75% |
| #100 | 61% |
| #200 | 50% |

(ASTM D2216-10)

Moisture Content (%): 8.1%

Reviewed By: 
 Jan

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 Dan Bonaguidi (email) (1)