



MESQUITE MATERIAL TESTING, L.L.C.  
752 W. PIONEER BLVD.  
MESQUITE, NV 89027  
(702) 346-2050  
(702) 345-3133 FAX

## HITTERS SUBDIVISION PHASE I

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## PAD CERTIFICATIONS

Prepared for:

Ken Philips  
RFMS  
115 E. South Street  
Galesburg, IL 61401

M.M.T. Job No. 138-61

July 3, 2008

Cc: City of Mesquite  
Bulloch Brothers Engineering, Inc.  
Alford, Inc.  
File



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752 W. PIONEER BLVD.  
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July 3, 2008

Ken Philips  
RFMS  
115 E. South Street  
Galesburg, IL 61401

RE: Pad Certification & Roadway Investigation – Hitters Subdivision Phase I

Dear Mr. Philips:

Pad fill operations are completed at the above referenced project; therefore this letter is to serve as pad certification.

Hitters Subdivision Phase I consists of 40 lots. Pad construction began with test pits being excavated to a minimum depth of thirteen (13) feet below pad grade and roadway construction began with test pits being excavated to a minimum depth of six (6) feet below grade to evaluate subsurface conditions. Test pit locations were selected by Mesquite Material Testing, L.L.C. (MMT) and excavated by Alford, Inc. The approximate test pit locations within the site are shown in Figure 1. Sample depth, soil description and classification (based on the Unified Soil Classification System) are shown on test pit logs. The excavation was completed using a standard rubber tired back-hoe.

Samples were obtained using the bag method. A representative of MMT visually examined the test pits and samples in the field. Samples were packaged for transport and delivered to the laboratory for classification and testing. All pads were brought to finish grade using structural fill in loose lifts at a moisture content optimum for compaction and compacted to a minimum of 95% of a modified proctor (ASTM D1577).

Alford Inc. conducted site preparation and grading in accordance with the geotechnical report and our own subsurface inspection. A representative of our company was on site during grading and fill operations to determine the adequacy of site preparation, the suitability of fill material, and compliance with compaction requirement. Over-excavation was required at lots 113-116, 119-123, 137-139 due to unsuitable material (i.e. clay) encountered during the excavation of test pits. MMT was on-site during these procedures to inspect and conduct testing as controlled fill was placed in these areas. A summary of the test results are included.

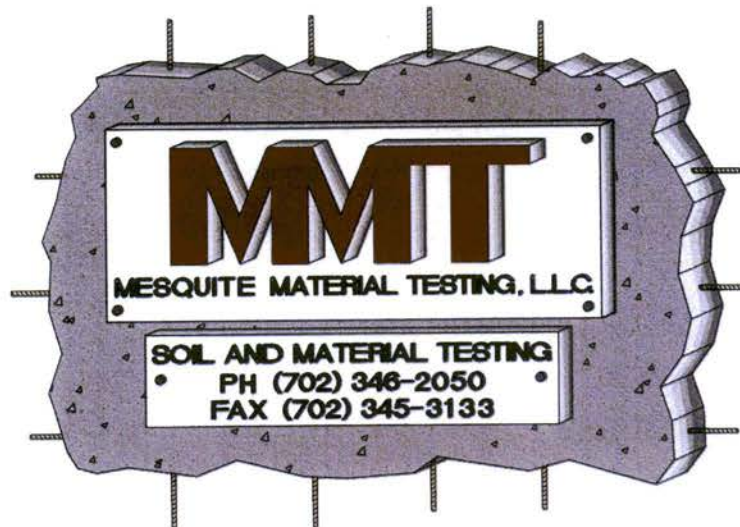
Sincerely,  
Mesquite Material Testing, L.L.C.

  
Kyle K. Gillespie, Project Manager

Reviewed by:



Greg L. Bulloch, P.E.



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## HITTERS SUBDIVISION PHASE I

July 3, 2008

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# HITTERS SUBDIVISION PHASE I

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# OVER EXCAVATION

# SECTION 1



MESQUITE MATERIAL TESTING, L.L.C.  
752 W. PIONEER BLVD.  
MESQUITE, NV 89027  
(702) 346-2050  
(702) 345-3133 FAX

June 9, 2008

Randy Johnson  
Alford, Inc.  
70 N. Yucca, Suite B  
Mesquite, NV 89027

RE: Hitters Subdivision Phase I

Dear Mr. Johnson:

On April 22, 23, 24 and May 6, 2008 a representative of Mesquite Materials Testing was on-site of the above-mentioned project to observe the excavation of test pits on lots with in the mentioned project.

Based on the work done in various projects in the area, and according to the geo-technical investigation, we recommend over-excavating the building pads to remove the expansive clay. According to the geo-technical investigation, to reduce the heave potential to less than 1 inch, expansive clay with an accumulated thickness greater than 4 inches within the upper 6 feet located below the proposed building areas should be removed. Expansive clay with an accumulated thickness of 12 inches or greater should be removed from below the building area within the upper 13 feet of the soil profile. However, per the new recommendations from the City of Mesquite, all expansive clay within the upper 10 feet located below the proposed building areas should be removed.

Based on our observation of the test pits and the proposed pad elevations shown on the site plan, the following preliminary recommendations are provided:

| Lot # | Minimum Over-excavation<br>Elevation | Proposed<br>Pad Elevation | Elevation of Bottom<br>of Investigation |
|-------|--------------------------------------|---------------------------|---|
| 113   | 1803.5                               | 1815.2                    | 1802.0                                  |
| 114   | 1805.2                               | 1815.2                    | 1801.7                                  |
| 115   | 1804.9                               | 1814.3                    | 1801.4                                  |
| 116   | 1809.8                               | 1814.3                    | 1801.3                                  |
| 119   | 1807.0                               | 1813.48                   | 1801.5                                  |
| 120   | 1806.7                               | 1813.48                   | 1802.2                                  |
| 121   | 1803.9                               | 1814.98                   | 1802.9                                  |
| 122   | 1809.1                               | 1814.98                   | 1803.6                                  |

|     |        |         |        |
|-----|--------|---------|--------|
| 123 | 1808.2 | 1816.28 | 1803.7 |
| 137 | 1813.3 | 1824.4  | 1809.8 |
| 139 | 1815.5 | 1824.4  | 1810.5 |

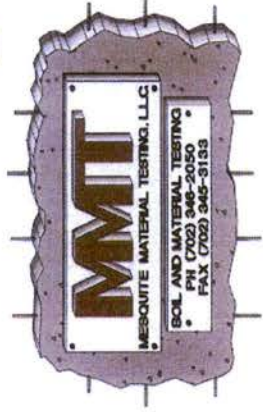
If the final pad elevations have changed, Mesquite Material Testing should be contacted to reevaluate our preliminary recommendations. If new soil conditions are discovered during the over-excavation of the above-mentioned areas, Mesquite Material Testing should be notified to reevaluate the material and the recommendation given.

  
\_\_\_\_\_  
Kyle Gillespie, Project Manager  
Mesquite Material Testing, L.L.C.

cc: Greg L. Bulloch, BBE  
File

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133



## FIELD DENSITY TEST REPORT

PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native

TECHNICIAN N. Thomas

TYPE OF WORK Bottom of Over Excavation - Precompaction

JOB NO. 138-61

Roadway (Hall of Fame Way)

| Date     | Test No. | Station / Location | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|--------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/20/08 | 1        | 1+70               | 25' RT          | FGS                 | -6'       | 10"           | 119.0               | 10               | 1014          | 106            | 117.7       | 108.1       | 8.9              | 90.8%              | 90.0%    | Pass      |
| 05/20/08 | 2        | 2+45               | 20' LT          | FGS                 | -6'       | 10"           | 119.0               | 10               | 1002          | 98             | 118.2       | 109.4       | 8.0              | 91.9%              | 90.0%    | Pass      |
| 05/20/08 | 3        | 3+95               | 12' RT          | FGS                 | -6'       | 10"           | 119.0               | 10               | 1016          | 101            | 117.7       | 108.6       | 8.4              | 91.3%              | 90.0%    | Pass      |
| 05/20/08 | 4        | 5+00               | 5' LT           | FGS                 | -6'       | 10"           | 119.0               | 10               | 962           | 108            | 119.7       | 109.8       | 8.9              | 92.3%              | 90.0%    | Pass      |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
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DAILY COUNTS: Gauge No. 21795 Density 2183 Moisture 572

Remarks:



Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT

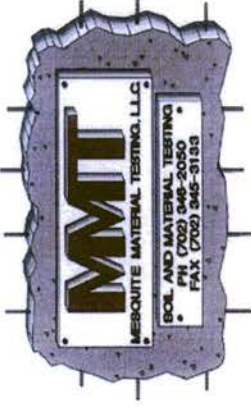
PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native

TECHNICIAN N. Thomas

TYPE OF WORK Bottom of Over Excavation - Precompaction

JOB NO. 138-61



| Date     | Test No. | Station / Location                | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/23/08 | 1        | 53479.601 North<br>41233.150 East |                 | FGS                 | -10'      | 10"           | 119.0               | 10               | 952           | 106            | 120.1       | 110.6       | 8.6              | 92.9%              | 90.0%    | Pass      |
| 05/23/08 | 2        | 53575.653 North<br>41375.655 East |                 | FGS                 | -10'      | 10"           | 119.0               | 10               | 821           | 132            | 125.5       | 113.2       | 10.8             | 95.1%              | 90.0%    | Pass      |
| 05/23/08 | 3        | 53534.816 North<br>41537.808 East |                 | FGS                 | -10'      | 10"           | 119.0               | 10               | 832           | 149            | 124.9       | 110.8       | 12.7             | 93.1%              | 90.0%    | Pass      |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
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|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS: Gauge No.  Density  Moisture

Remarks:

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Reviewed by: Greg L. Bulloch

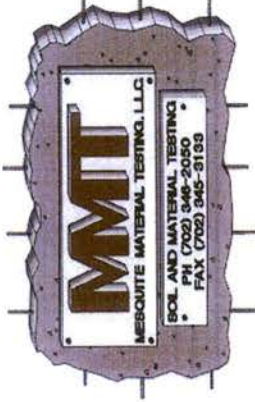


# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT

PROJECT Hitters Subdivision Phase I      TYPE MATERIAL Native      TECHNICIAN D. Rebstock  
 TYPE OF WORK Bottom of Over Excavation - Precompaction      JOB NO. 138-61



| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/28/08 | 1        | 53634.484 North<br>41152.044 East | 113      | FGS                 | -8'       | 10"           | 119.0               | 10               | 942           | 106            | 117.9       | 110.1       | 7.0              | 92.5%              | 90.0%    | Pass      |
| 05/28/08 | 2        | 53688.900 North<br>41186.315 East | 115      | FGS                 | -8'       | 10"           | 119.0               | 10               | 899           | 154            | 119.5       | 107.4       | 11.2             | 90.3%              | 90.0%    | Pass      |
| 05/28/08 | 3        | 53654.107 North<br>41244.748 East | 116      | FGS                 | -8'       | 10"           | 119.0               | 10               | 1038          | 82             | 114.2       | 108.5       | 5.2              | 91.2%              | 90.0%    | Pass      |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
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|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
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|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS: Gauge No. 12290 Density 2242 Moisture 682

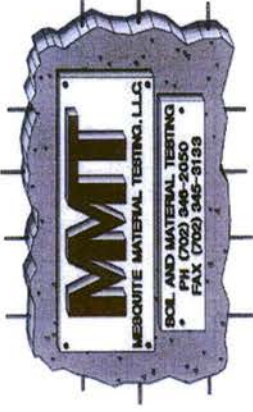
Remarks: \*Contractor notified of low moisture.



Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133



## FIELD DENSITY TEST REPORT

PROJECT Hitters Subdivision Phase I      TECHNICIAN D. Rebstock  
 TYPE MATERIAL Native  
 TYPE OF WORK Bottom of Over Excavation - Precompaction  
Roadway (Aaron Alley)      JOB NO. 138-61

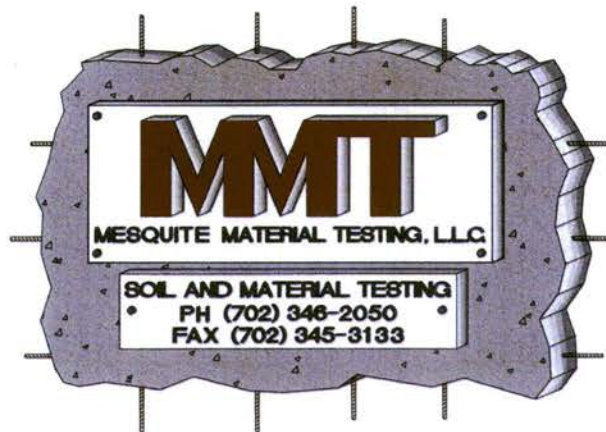
| Date     | Test No. | Station / Location | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|--------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/29/08 | 1        | 1+07               | 2' RT           | FGS                 | -10'      | 10"           | 119.0               | 10               | 897           | 135            | 119.7       | 109.3       | 9.5              | 91.8%              | 90.0%    | Pass      |
| 05/29/08 | 2        | 1+84               | 2' LT           | FGS                 | -10'      | 10"           | 119.0               | 10               | 987           | 140            | 115.9       | 105.1       | 10.3             | 88.3%              | 90.0%    | Fail      |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
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DAILY COUNTS:      Gauge No. 12290      Density 2242      Moisture 682

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Reviewed by: Greg L. Bulloch



# HITTERS SUBDIVISION PHASE I

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# EMBANKMENT

# SECTION 2

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT

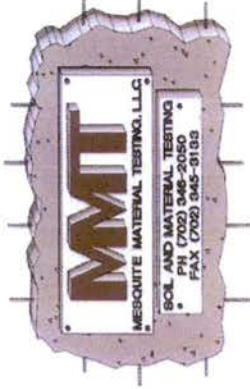
PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native

TECHNICIAN N. Thomas

TYPE OF WORK Subgrade - Fill

JOB NO. 138-61



| Date     | Test No. | Station / Location                | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 04/18/08 | 1        | 53699.852 North<br>41816.625 East |                 | FGS                 | 1803.9    | 10"           | 119.0               | 10               | 871           | 103            | 124.0       | 114.8       | 8.0              | 96.5%              | 95.0%    | Pass      |
| 04/18/08 | 2        | 53751.079 North<br>41889.432 East |                 | FGS                 | 1802.9    | 10"           | 119.0               | 10               | 874           | 95             | 123.9       | 115.6       | 7.2              | 97.1%              | 95.0%    | Pass      |
| 04/18/08 | 3        | 53780.056 North<br>42063.572 East |                 | FGS                 | 1798.2    | 10"           | 119.0               | 10               | 862           | 106            | 124.3       | 114.9       | 8.2              | 96.6%              | 95.0%    | Pass      |
| 04/18/08 | 4        | 53841.533 North<br>42213.763 East |                 | FGS                 | 1793.5    | 10"           | 119.0               | 10               | 922           | 100            | 121.9       | 113.1       | 7.8              | 95.0%              | 95.0%    | Pass      |
| 04/18/08 | 5        | 53903.448 North<br>42607.675 East |                 | FGS                 | 1779.5    | 10"           | 119.0               | 10               | 870           | 111            | 124.0       | 114.0       | 8.7              | 95.8%              | 95.0%    | Pass      |
| 04/18/08 | 6        | 53800.895 North<br>42709.805 East |                 | FGS                 | 1779.8    | 10"           | 119.0               | 10               | 862           | 121            | 124.3       | 113.3       | 9.7              | 95.2%              | 95.0%    | Pass      |
| 04/18/08 | 7        | 53747.263 North<br>42525.791 East |                 | FGS                 | 1787.0    | 10"           | 119.0               | 10               | 860           | 115            | 124.4       | 114.0       | 9.1              | 95.8%              | 95.0%    | Pass      |
| 04/18/08 | 8        | 53675.525 North<br>42376.106 East |                 | FGS                 | 1793.0    | 10"           | 119.0               | 10               | 740           | 128            | 129.8       | 118.1       | 9.9              | 99.2%              | 95.0%    | Pass      |
| 04/18/08 | 9        | 53642.491 North<br>42206.627 East |                 | FGS                 | 1795.9    | 10"           | 119.0               | 10               | 863           | 112            | 124.3       | 114.2       | 8.8              | 96.0%              | 95.0%    | Pass      |
| 04/18/08 | 10       | 53547.487 North<br>41938.196 East |                 | FGS                 | 1801.3    | 10"           | 119.0               | 10               | 806           | 137            | 126.7       | 114.0       | 11.1             | 95.8%              | 95.0%    | Pass      |

DAILY COUNTS: Gauge No.  Density  Moisture

Remarks: *This report is being amended, 7-7-08, to correct the job number.*

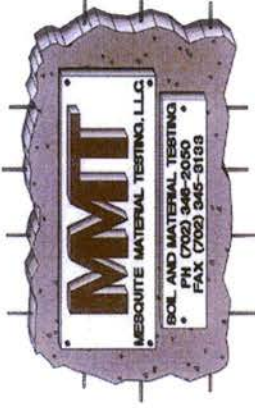


Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TYPE MATERIAL Native      TECHNICIAN N. Thomas  
 TYPE OF WORK Subgrade - Fill (Roadway) Hall of Fame Way      JOB NO. 138-61

| Date     | Test No. | Station / Location | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|--------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/20/08 | 1        | 1+50               | 15' LT          | FGS                 | -4'       | 10"           | 119.0               | 10               | 853           | 99             | 124.2       | 115.3       | 7.7              | 96.9%              | 95.0%    | Pass      |
| 05/20/08 | 2        | 3+45               | C/L             | FGS                 | -4'       | 10"           | 119.0               | 10               | 911           | 88             | 121.8       | 114.1       | 6.8              | 95.9%              | 95.0%    | Pass      |
| 05/20/08 | 3        | 5+00               | 8' RT           | FGS                 | -4'       | 10"           | 119.0               | 10               | 872           | 112            | 123.3       | 113.1       | 9.1              | 95.0%              | 95.0%    | Pass      |
| 05/20/08 | 4        | 2+00               | 22' LT          | FGS                 | -2'       | 10"           | 119.0               | 10               | 855           | 116            | 124.0       | 113.4       | 9.4              | 95.3%              | 95.0%    | Pass      |
| 05/20/08 | 5        | 3+30               | 16' RT          | FGS                 | -2'       | 10"           | 119.0               | 10               | 852           | 110            | 124.2       | 114.1       | 8.8              | 95.9%              | 95.0%    | Pass      |
| 05/20/08 | 6        | 4+65               | 10' LT          | FGS                 | -2'       | 10"           | 119.0               | 10               | 846           | 99             | 124.5       | 115.6       | 7.7              | 97.1%              | 95.0%    | Pass      |
| 05/20/08 | 7        | 1+75               | C/L             | FGS                 | 0'        | 10"           | 119.0               | 10               | 867           | 110            | 123.5       | 113.5       | 8.8              | 95.4%              | 95.0%    | Pass      |
| 05/20/08 | 8        | 2+65               | 25' RT          | FGS                 | 0'        | 10"           | 119.0               | 10               | 815           | 106            | 125.8       | 116.2       | 8.3              | 97.6%              | 95.0%    | Pass      |
| 05/20/08 | 9        | 4+35               | 18' LT          | FGS                 | 0'        | 10"           | 119.0               | 10               | 890           | 86             | 122.7       | 115.2       | 6.5              | 96.8%              | 95.0%    | Pass      |

DAILY COUNTS:      Gauge No. 21795      Density 2183      Moisture 572

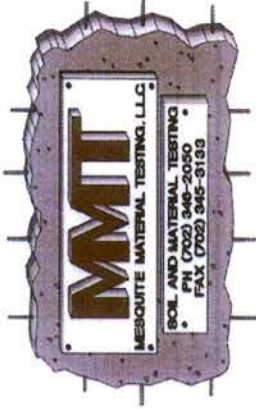
Remarks:



Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133



## FIELD DENSITY TEST REPORT

PROJECT Hitters Subdivision Phase I      TECHNICIAN N. Thomas  
 TYPE MATERIAL Native  
 TYPE OF WORK Subgrade - Fill      JOB NO. 138-61

| Date     | Test No. | Station / Location                | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/23/08 | 1        | 53580.437 North<br>41555.376 East |                 | FGS                 | -8'       | 10"           | 119.0               | 10               | 861           | 109            | 123.8       | 114.0       | 8.6              | 95.8%              | 95.0%    | Pass      |
| 05/23/08 | 2        | 53510.301 North<br>41374.110 East |                 | FGS                 | -8'       | 10"           | 119.0               | 10               | 762           | 136            | 128.2       | 115.5       | 11.0             | 97.1%              | 95.0%    | Pass      |
| 05/23/08 | 3        | 53528.957 North<br>41214.462 East |                 | FGS                 | -6'       | 10"           | 119.0               | 10               | 871           | 112            | 123.4       | 113.3       | 9.0              | 95.2%              | 95.0%    | Pass      |
| 05/23/08 | 4        | 53477.647 North<br>41258.914 East |                 | FGS                 | -6'       | 10"           | 119.0               | 10               | 809           | 130            | 126.0       | 114.0       | 10.6             | 95.8%              | 95.0%    | Pass      |
| 05/23/08 | 5        | 53599.497 North<br>41382.676 East |                 | FGS                 | -4'       | 10"           | 119.0               | 10               | 825           | 128            | 125.3       | 113.5       | 10.4             | 95.4%              | 95.0%    | Pass      |
| 05/23/08 | 6        | 53516.947 North<br>41556.962 East |                 | FGS                 | -4'       | 10"           | 119.0               | 10               | 775           | 134            | 127.6       | 115.1       | 10.8             | 96.7%              | 95.0%    | Pass      |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS:      Gauge No. 21795      Density 2183      Moisture 572  
 Remarks: Over Excavation Area

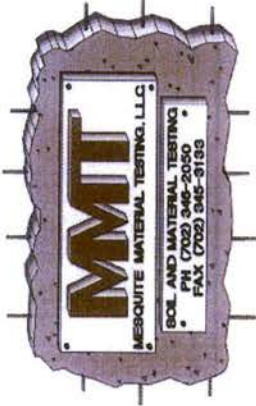


Reviewed by: Greg L. Bulloch

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## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN D. Rebstock  
 TYPE MATERIAL Native      JOB NO. 138-61  
 TYPE OF WORK Subgrade - Fill

| Date     | Test No. | Station / Location | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|--------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/28/08 | 1        | 51313.134 North    | 113      | FGS                 | -6'       | 10"           | 119.0               | 10               | 810           | 129            | 123.6       | 113.8       | 8.6              | 95.6%              | 95.0%    | Pass      |
| 05/28/08 | 2        | 41154.293 East     | 114      | FGS                 | -6'       | 10"           | 119.0               | 10               | 796           | 125            | 124.3       | 114.8       | 8.2              | 96.5%              | 95.0%    | Pass      |
| 05/28/08 | 3        | 41172.260 East     | 115      | FGS                 | -6'       | 10"           | 119.0               | 10               | 794           | 150            | 124.3       | 112.6       | 10.4             | 94.6%              | 95.0%    | Pass      |
| 05/28/08 | 4        | 53698.442 North    | 116      | FGS                 | -6'       | 10"           | 119.0               | 10               | 706           | 159            | 128.7       | 116.2       | 10.7             | 97.6%              | 95.0%    | Pass      |
|          |          |                    |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS: Gauge No. 12290 Density 2242 Moisture 682

Remarks: Over Excavation Area



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## FIELD DENSITY TEST REPORT

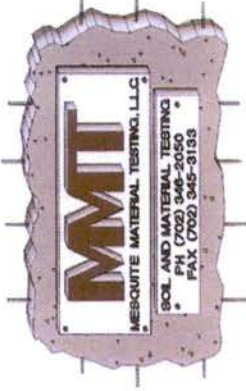
PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native

TECHNICIAN D. Rebstock

TYPE OF WORK Subgrade - Fill

JOB NO. 138-61



| Date     | Test No. | Station / Location                | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/29/08 | 1        | 53599.771 North<br>41122.408 East |                 | FGS                 | -6'       | 10"           | 119.0               | 10               | 761           | 151            | 125.9       | 114.1       | 10.3             | 95.9%              | 95.0%    | Pass      |
| 05/29/08 | 2        | 53644.145 North<br>41148.081 East |                 | FGS                 | -6'       | 10"           | 119.0               | 10               | 791           | 128            | 124.6       | 114.8       | 8.5              | 96.5%              | 95.0%    | Pass      |
| 05/29/08 | 3        | 53660.092 North<br>41169.597 East |                 | FGS                 | -6'       | 10"           | 119.0               | 10               | 802           | 125            | 124.0       | 114.5       | 8.2              | 96.2%              | 95.0%    | Pass      |
| 05/29/08 | 4        | 53671.188 North<br>41213.320 East |                 | FGS                 | -6'       | 10"           | 119.0               | 10               | 710           | 143            | 128.6       | 117.5       | 9.4              | 98.7%              | 95.0%    | Pass      |
| 05/29/08 | 5        | 53684.359 North<br>41236.225 East |                 | FGS                 | -6'       | 10"           | 119.0               | 10               | 723           | 181            | 127.7       | 113.3       | 12.7             | 95.2%              | 95.0%    | Pass      |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS: Gauge No. 12290 Density 2242 Moisture 682

Remarks: *This report is being amended, 7-7-08, to correct the job number.*

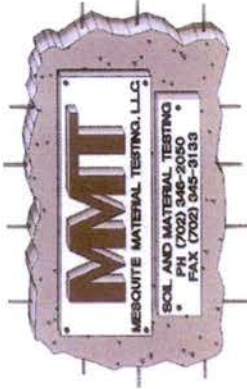


Reviewed by: Greg L. Bulloch



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## FIELD DENSITY TEST REPORT

PROJECT Hitters Subdivision Phase I      TECHNICIAN D. Rebstock

TYPE MATERIAL Native      JOB NO. 138-61

TYPE OF WORK Subgrade - Fill

| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/30/08 | 1        | 53652.204 North<br>41143.995 East | 112      | FGS                 | -6'       | 8"            | 119.0               | 10               | 1211          | 162            | 127.8       | 114.0       | 12.1             | 95.8%              | 95.0%    | Pass      |
| 05/30/08 | 2        | 53657.068 North<br>41166.390 East | 113      | FGS                 | -6'       | 8"            | 119.0               | 10               | 1134          | 172            | 130.4       | 115.7       | 12.7             | 97.2%              | 95.0%    | Pass      |
| 05/30/08 | 3        | 53675.066 North<br>41206.812 East | 114      | FGS                 | -6'       | 8"            | 119.0               | 10               | 1173          | 141            | 129.2       | 117.4       | 10.1             | 98.7%              | 95.0%    | Pass      |
| 05/30/08 | 4        | 53682.847 North<br>41230.189 East | 116      | FGS                 | -6'       | 8"            | 119.0               | 10               | 1190          | 172            | 128.4       | 113.7       | 12.9             | 95.5%              | 95.0%    | Pass      |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS:      Gauge No. 20732      Density      2081      Moisture      638

Remarks: Over Excavation Area

This report is being amended, 7-7-08, to correct the job number.



Reviewed by: Greg L. Bulloch

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## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN D. Rebstock

TYPE MATERIAL Native      JOB NO. 138-61

TYPE OF WORK Subgrade - Fill (Roadway - Aaron Alley)

| Date     | Test No. | Station / Location | Offset From C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|--------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 05/30/08 | 1        | 1+22               | 2' RT           | FGS                 | -6'       | 8"            | 119.0               | 10               | 1205          | 162            | 128.0       | 114.3       | 12.0             | 96.1%              | 95.0%    | Pass      |
| 05/30/08 | 2        | 1+57               | 2' LT           | FGS                 | -6'       | 8"            | 119.0               | 10               | 1177          | 142            | 129.0       | 117.1       | 10.2             | 98.4%              | 95.0%    | Pass      |
| 05/30/08 | 3        | 1+44               | 3' RT           | FGS                 | -6'       | 8"            | 119.0               | 10               | 1165          | 171            | 129.3       | 114.7       | 12.7             | 96.4%              | 95.0%    | Pass      |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS:      Gauge No.       Density            Moisture     

Remarks: Over Excavation Area  
*This report is being amended, 7-7-08, to correct the job number.*

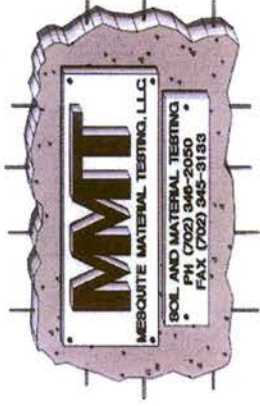


Reviewed by: Greg L. Bulloch

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## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native  
 TYPE OF WORK Subgrade - Fill      JOB NO. 138-61

| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/02/08 | 1        | 53630.931 North<br>41151.425 East | 113      | FGS                 | -4'       | 8"            | 119.0               | 10               | 1328          | 104            | 124.7       | 116.3       | 7.2              | 97.7%              | 95.0%    | Pass      |
| 06/02/08 | 2        | 53668.475 North<br>41165.430 East | 114      | FGS                 | -4'       | 8"            | 119.0               | 10               | 1292          | 135            | 125.7       | 114.3       | 9.9              | 96.1%              | 95.0%    | Pass      |
| 06/02/08 | 3        | 53661.654 North<br>41213.270 East | 115      | FGS                 | -4'       | 8"            | 119.0               | 10               | 1285          | 124            | 125.9       | 115.6       | 8.9              | 97.1%              | 95.0%    | Pass      |
| 06/02/08 | 4        | 53691.007 North<br>41228.659 East | 116      | FGS                 | -4'       | 8"            | 119.0               | 10               | 1306          | 147            | 125.2       | 112.7       | 11.0             | 94.7%              | 95.0%    | Pass      |
| 06/02/08 | 5        | 53642.536 North<br>41149.721 East | 113      | FGS                 | -2'       | 8"            | 119.0               | 10               | 1314          | 116            | 125.0       | 115.5       | 8.3              | 97.1%              | 95.0%    | Pass      |
| 06/02/08 | 6        | 53675.980 North<br>41167.839 East | 114      | FGS                 | -2'       | 8"            | 119.0               | 10               | 1221          | 154            | 127.9       | 114.8       | 11.4             | 96.5%              | 95.0%    | Pass      |
| 06/02/08 | 7        | 53672.235 North<br>41219.766 East | 115      | FGS                 | -2'       | 8"            | 119.0               | 10               | 1287          | 152            | 125.7       | 112.8       | 11.4             | 94.8%              | 95.0%    | Pass      |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS: Gauge No. 20732 Density 2077 Moisture 643

Remarks: Over Excavation Area

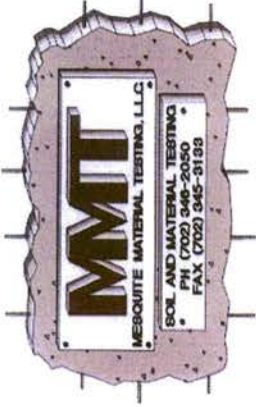


Reviewed by: Greg L. Bulloch

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## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native      JOB NO. 138-61  
 TYPE OF WORK Subgrade - Fill (Power Line Easement)

| Date     | Test No. | Station / Location | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|--------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/03/08 | 1        | 54023.341 North    |                 | FGS                 | 1787.0    | 8"            | 119.0               | 10               | 1212          | 166            | 127.8       | 113.7       | 12.4             | 95.5%              | 95.0%    | Pass      |
| 06/03/08 | 2        | 42474.210 East     |                 | FGS                 | 1788.0    | 8"            | 119.0               | 10               | 1236          | 167            | 127.0       | 112.8       | 12.6             | 94.8%              | 95.0%    | Pass      |
| 06/03/08 | 3        | 42401.600 East     |                 | FGS                 | 1786.6    | 8"            | 119.0               | 10               | 1374          | 123            | 122.9       | 112.8       | 9.0              | 94.8%              | 95.0%    | Pass      |
| 06/03/08 | 4        | 53989.867 North    |                 | FGS                 | 1787.0    | 8"            | 119.0               | 10               | 1318          | 125            | 124.6       | 114.3       | 9.7              | 96.1%              | 95.0%    | Pass      |
| 06/03/08 | 5        | 42264.766 East     |                 | FGS                 | 1786.6    | 8"            | 119.0               | 10               | 1263          | 147            | 126.2       | 113.9       | 10.9             | 95.7%              | 95.0%    | Pass      |
| 06/03/08 | 6        | 53959.171 North    |                 | FGS                 | 1787.6    | 8"            | 119.0               | 10               | 1291          | 151            | 125.3       | 112.6       | 11.3             | 94.6%              | 95.0%    | Pass      |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                    |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS:      Gauge No. 20732      Density 2087      Moisture 638

Remarks: \_\_\_\_\_

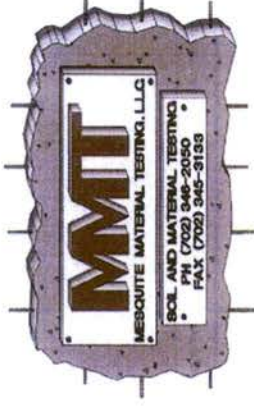


Reviewed by: Greg L. Bulloch

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## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native      JOB NO. 138-61  
 TYPE OF WORK Subgrade - Fill

| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/03/08 | 1        | 53690.234 North<br>41232.837 East | 113      | FGS                 | -2'       | 8"            | 119.0               | 10               | 1376          | 116            | 122.8       | 113.4       | 8.3              | 95.3%              | 95.0%    | Pass      |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS: Gauge No. 20732 Density 2087 Moisture 638

Remarks: Over Excavation Area

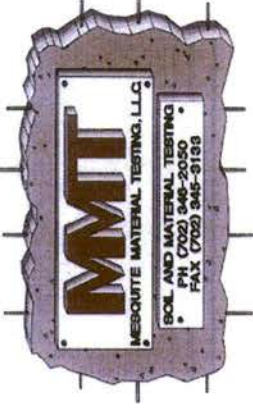


Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native  
 TYPE OF WORK Finish Subgrade - Pad      JOB NO. 138-61

| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/05/08 | 1        | 53661.334 North<br>41218.576 East | 115      | FGS                 | 1814.4    | 8"            | 119.0               | 10               | 1374          | 118            | 122.7       | 113.1       | 8.5              | 95.0%              | 95.0%    | Pass      |
| 06/05/08 | 2        | 53686.614 North<br>41195.388 East | 115      | FGS                 | 1814.3    | 8"            | 119.0               | 10               | 1393          | 112            | 122.2       | 113.2       | 8.0              | 95.1%              | 95.0%    | Pass      |
| 06/05/08 | 3        | 53661.339 North<br>41229.820 East | 116      | FGS                 | 1814.3    | 8"            | 119.0               | 10               | 1391          | 117            | 122.2       | 112.7       | 8.4              | 94.7%              | 95.0%    | Pass      |
| 06/05/08 | 4        | 53697.845 North<br>41229.123 East | 116      | FGS                 | 1814.3    | 8"            | 119.0               | 10               | 1481          | 90             | 119.7       | 112.7       | 7.2              | 94.7%              | 95.0%    | Pass      |
| 06/05/08 | 5        | 53558.790 North<br>41319.769 East | 120      | FGS                 | 1813.3    | 8"            | 119.0               | 10               | 1401          | 109            | 121.9       | 113.2       | 7.7              | 95.1%              | 95.0%    | Pass      |
| 06/05/08 | 6        | 53528.487 North<br>41311.906 East | 120      | FGS                 | 1813.2    | 8"            | 119.0               | 10               | 1325          | 108            | 124.3       | 115.6       | 7.5              | 97.1%              | 95.0%    | Pass      |
| 06/05/08 | 7        | 53516.143 North<br>41282.687 East | 121      | FGS                 | 1815.0    | 8"            | 119.0               | 10               | 1315          | 118            | 124.5       | 115.0       | 8.3              | 96.6%              | 95.0%    | Pass      |
| 06/05/08 | 8        | 53537.466 North<br>41258.529 East | 121      | FGS                 | 1815.0    | 8"            | 119.0               | 10               | 1411          | 104            | 121.7       | 113.4       | 7.3              | 95.3%              | 95.0%    | Pass      |
| 06/05/08 | 9        | 53537.466 North<br>41244.485 East | 122      | FGS                 | 1814.9    | 8"            | 119.0               | 10               | 1211          | 164            | 127.7       | 113.9       | 12.1             | 95.7%              | 95.0%    | Pass      |
| 06/05/08 | 10       | 53500.424 North<br>41245.600 East | 122      | FGS                 | 1814.8    | 8"            | 119.0               | 10               | 1322          | 111            | 124.3       | 115.4       | 7.7              | 97.0%              | 95.0%    | Pass      |

DAILY COUNTS:      Gauge No.       Density       Moisture

Remarks: Page 1 of 2

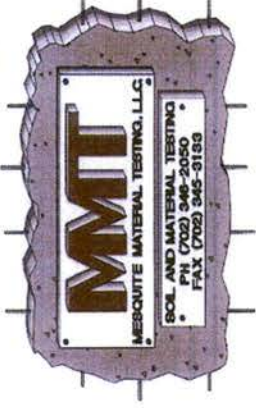


Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT



PROJECT Hifters Subdivision Phase I      TECHNICIAN S. Chambers

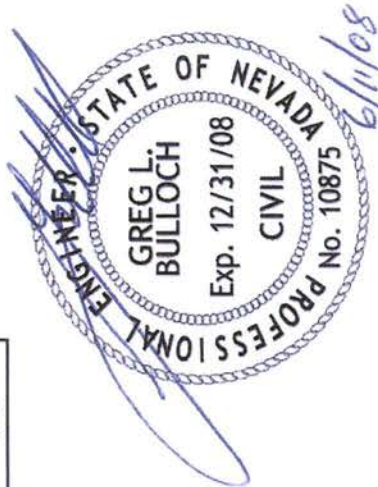
TYPE MATERIAL Native

TYPE OF WORK Finish Subgrade - Pad      JOB NO. 138-61

| Date     | Test No. | Station / Location                | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/05/08 | 11       | 53563.287 North<br>41329.311 East | 119             | FGS                 | 1813.5    | 8"            | 119.0               | 10               | 1222          | 132            | 127.5       | 116.6       | 9.3              | 98.0%              | 95.0%    | Pass      |
| 06/05/08 | 12       | 53531.292 North<br>41347.294 East | 119             | FGS                 | 1813.5    | 8"            | 119.0               | 10               | 1344          | 114            | 123.6       | 114.4       | 8.0              | 96.1%              | 95.0%    | Pass      |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |                 |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS: Gauge No.  Density  Moisture

Remarks: Page 2 of 2

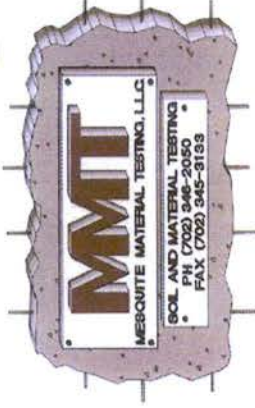


Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native  
 TYPE OF WORK Finish Subgrade - Pad      JOB NO. 138-61

| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/09/08 | 1        | 53614.129 North<br>41077.394 East | 111      | FGS                 | 1816.0    | 8"            | 119.0               | 10               | 1330          | 126            | 123.9       | 113.5       | 9.1              | 95.4%              | 95.0%    | Pass      |
| 06/09/08 | 2        | 53595.310 North<br>41109.225 East | 111      | FGS                 | 1816.1    | 8"            | 119.0               | 10               | 1276          | 113            | 125.7       | 116.5       | 7.9              | 97.9%              | 95.0%    | Pass      |
| 06/09/08 | 3        | 53602.117 North<br>41119.443 East | 112      | FGS                 | 1816.1    | 8"            | 119.0               | 10               | 1291          | 116            | 125.2       | 115.7       | 8.1              | 97.2%              | 95.0%    | Pass      |
| 06/09/08 | 4        | 53630.129 North<br>41111.637 East | 112      | FGS                 | 1815.9    | 8"            | 119.0               | 10               | 1295          | 123            | 125.0       | 114.9       | 8.8              | 96.6%              | 95.0%    | Pass      |
| 06/09/08 | 5        | 53541.498 North<br>41415.665 East | 117      | FGS                 | 1812.2    | 8"            | 119.0               | 10               | 1264          | 152            | 125.9       | 113.1       | 11.3             | 95.0%              | 95.0%    | Pass      |
| 06/09/08 | 6        | 53570.374 North<br>41398.602 East | 117      | FGS                 | 1812.2    | 8"            | 119.0               | 10               | 1325          | 124            | 124.1       | 113.9       | 8.9              | 95.7%              | 95.0%    | Pass      |
| 06/09/08 | 7        | 53572.976 North<br>41385.354 East | 118      | FGS                 | 1812.1    | 8"            | 119.0               | 10               | 1313          | 108            | 124.5       | 115.8       | 7.5              | 97.3%              | 95.0%    | Pass      |
| 06/09/08 | 8        | 53538.496 North<br>41376.121 East | 118      | FGS                 | 1812.2    | 8"            | 119.0               | 10               | 1315          | 132            | 124.3       | 113.4       | 9.6              | 95.3%              | 95.0%    | Pass      |
| 06/09/08 | 9        | 53484.226 North<br>41220.023 East | 123      | FGS                 | 1816.2    | 8"            | 119.0               | 10               | 1410          | 109            | 121.5       | 112.8       | 7.8              | 94.8%              | 95.0%    | Pass      |
| 06/09/08 | 10       | 53500.829 North<br>41192.796 East | 123      | FGS                 | 1816.3    | 8"            | 119.0               | 10               | 1405          | 112            | 121.7       | 112.6       | 8.0              | 94.6%              | 95.0%    | Pass      |

DAILY COUNTS: Gauge No.  Density  Moisture

Remarks: Page 1 of 2



Reviewed by: Greg L. Bulloch



# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT

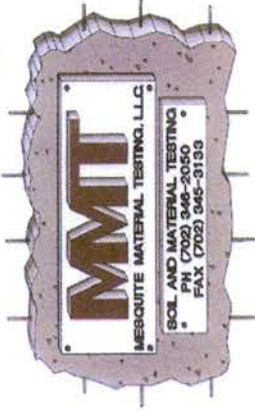
PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native

TECHNICIAN S. Chambers

TYPE OF WORK Finish Subgrade - Pad

JOB NO. 138-61



| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/09/08 | 11       | 53495.875 North<br>41177.600 East | 124      | FGS                 | 1816.3    | 8"            | 119.0               | 10               | 1384          | 112            | 122.3       | 113.3       | 8.0              | 95.2%              | 95.0%    | Pass      |
| 06/09/08 | 12       | 53463.609 North<br>41190.504 East | 124      | FGS                 | 1816.4    | 8"            | 119.0               | 10               | 1217          | 137            | 127.5       | 116.1       | 9.8              | 97.6%              | 95.0%    | Pass      |
| 06/09/08 | 13       | 53470.875 North<br>40743.832 East | 101      | FGS                 | 1822.7    | 8"            | 119.0               | 10               | 1295          | 141            | 124.9       | 113.2       | 10.4             | 95.1%              | 95.0%    | Pass      |
| 06/09/08 | 14       | 53489.301 North<br>40780.333 East | 101      | FGS                 | 1822.7    | 8"            | 119.0               | 10               | 1404          | 107            | 121.7       | 113.1       | 7.6              | 95.0%              | 95.0%    | Pass      |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS:

Gauge No.

Density

Moisture

Remarks: Page 2 of 2



Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT

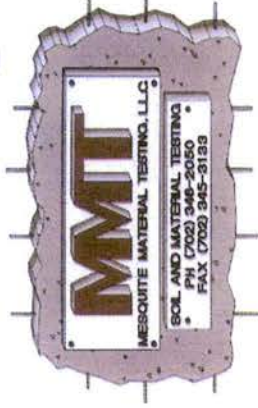
PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native

TECHNICIAN S. Chambers

TYPE OF WORK Finish Subgrade - Pad

JOB NO. 138-61



| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/10/08 | 1        | 53501.611 North<br>40774.266 East | 102      | FGS                 | 1822.4    | 8"            | 119.0               | 10               | 1363          | 102            | 122.9       | 114.2       | 7.6              | 96.0%              | 95.0%    | Pass      |
| 06/10/08 | 2        | 53508.315 North<br>40745.948 East | 102      | FGS                 | 1822.5    | 8"            | 119.0               | 10               | 1378          | 115            | 122.4       | 112.4       | 8.9              | 94.5%              | 95.0%    | Pass      |
| 06/10/08 | 3        | 53547.766 North<br>40725.579 East | 103      | FGS                 | 1823.1    | 8"            | 119.0               | 10               | 1386          | 102            | 122.2       | 113.5       | 7.7              | 95.4%              | 95.0%    | Pass      |
| 06/10/08 | 4        | 53554.716 North<br>40764.072 East | 103      | FGS                 | 1823.1    | 8"            | 119.0               | 10               | 1408          | 94             | 121.6       | 113.7       | 7.0              | 95.5%              | 95.0%    | Pass      |
| 06/10/08 | 5        | 53565.743 North<br>40770.296 East | 104      | FGS                 | 1823.2    | 8"            | 119.0               | 10               | 1320          | 131            | 124.1       | 112.6       | 10.3             | 94.6%              | 95.0%    | Pass      |
| 06/10/08 | 6        | 53583.332 North<br>40740.101 East | 104      | FGS                 | 1823.1    | 8"            | 119.0               | 10               | 1294          | 129            | 125.0       | 113.6       | 10.0             | 95.5%              | 95.0%    | Pass      |
| 06/10/08 | 7        | 53608.780 North<br>40793.562 East | 105      | FGS                 | 1823.5    | 8"            | 119.0               | 10               | 1280          | 120            | 125.4       | 115.0       | 9.1              | 96.6%              | 95.0%    | Pass      |
| 06/10/08 | 8        | 53633.918 North<br>40815.885 East | 105      | FGS                 | 1823.5    | 8"            | 119.0               | 10               | 1262          | 138            | 125.9       | 113.7       | 10.8             | 95.5%              | 95.0%    | Pass      |
| 06/10/08 | 9        | 53613.177 North<br>40916.821 East | 106      | FGS                 | 1822.9    | 8"            | 119.0               | 10               | 1276          | 133            | 125.5       | 113.7       | 10.4             | 95.5%              | 95.0%    | Pass      |
| 06/10/08 | 10       | 53582.086 North<br>40936.321 East | 106      | FGS                 | 1823.0    | 8"            | 119.0               | 10               | 1258          | 131            | 126.1       | 114.5       | 10.1             | 96.2%              | 95.0%    | Pass      |

DAILY COUNTS:

Gauge No.

Density

Moisture

Remarks: Page 1 of 5

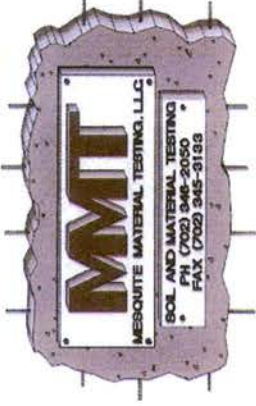


Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native      JOB NO. 138-61  
 TYPE OF WORK Finish Subgrade - Pad

| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/10/08 | 11       | 53548.571 North<br>40974.504 East | 107      | FGS                 | 1822.3    | 8"            | 119.0               | 10               | 1298          | 112            | 124.9       | 115.2       | 8.4              | 96.8%              | 95.0%    | Pass      |
| 06/10/08 | 12       | 53529.536 North<br>40942.832 East | 107      | FGS                 | 1822.4    | 8"            | 119.0               | 10               | 1269          | 130            | 125.8       | 114.3       | 10.0             | 96.1%              | 95.0%    | Pass      |
| 06/10/08 | 13       | 53516.389 North<br>40941.435 East | 108      | FGS                 | 1822.2    | 8"            | 119.0               | 10               | 1338          | 99             | 123.7       | 115.3       | 7.3              | 96.9%              | 95.0%    | Pass      |
| 06/10/08 | 14       | 53511.069 North<br>40978.420 East | 108      | FGS                 | 1822.2    | 8"            | 119.0               | 10               | 1284          | 136            | 125.2       | 113.2       | 10.7             | 95.1%              | 95.0%    | Pass      |
| 06/10/08 | 15       | 53575.161 North<br>41016.800 East | 109      | FGS                 | 1817.6    | 8"            | 119.0               | 10               | 1315          | 102            | 124.4       | 115.7       | 7.5              | 97.2%              | 95.0%    | Pass      |
| 06/10/08 | 16       | 53550.537 North<br>41046.508 East | 109      | FGS                 | 1817.7    | 8"            | 119.0               | 10               | 1405          | 107            | 121.7       | 112.4       | 8.2              | 94.5%              | 95.0%    | Pass      |
| 06/10/08 | 17       | 53556.961 North<br>41059.952 East | 110      | FGS                 | 1817.6    | 8"            | 119.0               | 10               | 1381          | 113            | 122.3       | 112.5       | 8.7              | 94.5%              | 95.0%    | Pass      |
| 06/10/08 | 18       | 53586.632 North<br>41054.073 East | 110      | FGS                 | 1817.5    | 8"            | 119.0               | 10               | 1307          | 108            | 124.6       | 115.3       | 8.1              | 96.9%              | 95.0%    | Pass      |
| 06/10/08 | 19       | 53441.058 North<br>41168.936 East | 125      | FGS                 | 1817.1    | 8"            | 119.0               | 10               | 1292          | 130            | 125.0       | 113.5       | 10.1             | 95.4%              | 95.0%    | Pass      |
| 06/10/08 | 20       | 53461.945 North<br>41139.580 East | 125      | FGS                 | 1817.0    | 8"            | 119.0               | 10               | 1275          | 135            | 125.5       | 113.6       | 10.5             | 95.5%              | 95.0%    | Pass      |

DAILY COUNTS: Gauge No.  Density  Moisture

Remarks: Page 2 of 5

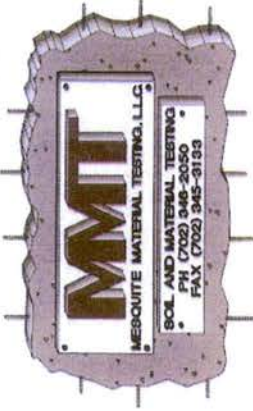


Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT



PROJECT Hifters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native      JOB NO. 138-61  
 TYPE OF WORK Finish Subgrade - Pad

| Date     | Test No. | Station / Location | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|--------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/10/08 | 21       | 53460.186 North    | 126      | FGS                 | 1817.1    | 8"            | 119.0               | 10               | 1264          | 110            | 126.0       | 116.5       | 8.2              | 97.9%              | 95.0%    | Pass      |
| 06/10/08 | 22       | 41124.998 East     | 126      | FGS                 | 1817.0    | 8"            | 119.0               | 10               | 1277          | 123            | 125.5       | 114.7       | 9.4              | 96.4%              | 95.0%    | Pass      |
| 06/10/08 | 23       | 41134.661 East     | 127      | FGS                 | 1818.2    | 8"            | 119.0               | 10               | 1153          | 148            | 129.6       | 116.3       | 11.4             | 97.7%              | 95.0%    | Pass      |
| 06/10/08 | 24       | 53427.309 North    | 127      | FGS                 | 1818.2    | 8"            | 119.0               | 10               | 1237          | 121            | 126.8       | 116.3       | 9.1              | 97.7%              | 95.0%    | Pass      |
| 06/10/08 | 25       | 41084.085 East     | 128      | FGS                 | 1818.1    | 8"            | 119.0               | 10               | 1227          | 130            | 127.1       | 115.7       | 9.9              | 97.2%              | 95.0%    | Pass      |
| 06/10/08 | 26       | 53426.551 North    | 128      | FGS                 | 1818.2    | 8"            | 119.0               | 10               | 1329          | 109            | 124.0       | 114.6       | 8.2              | 96.3%              | 95.0%    | Pass      |
| 06/10/08 | 27       | 41068.567 East     | 129      | FGS                 | 1819.2    | 8"            | 119.0               | 10               | 1219          | 126            | 125.5       | 114.4       | 9.7              | 96.1%              | 95.0%    | Pass      |
| 06/10/08 | 28       | 53392.055 North    | 129      | FGS                 | 1819.2    | 8"            | 119.0               | 10               | 1351          | 115            | 123.2       | 113.3       | 8.8              | 95.2%              | 95.0%    | Pass      |
| 06/10/08 | 29       | 41023.766 East     | 130      | FGS                 | 1819.3    | 8"            | 119.0               | 10               | 1299          | 123            | 124.8       | 114.0       | 9.5              | 95.8%              | 95.0%    | Pass      |
| 06/10/08 | 30       | 41067.244 East     | 130      | FGS                 | 1819.3    | 8"            | 119.0               | 10               | 1435          | 96             | 120.8       | 112.7       | 7.2              | 94.7%              | 95.0%    | Pass      |

DAILY COUNTS: Gauge No.  Density  Moisture

Remarks: Page 3 of 5

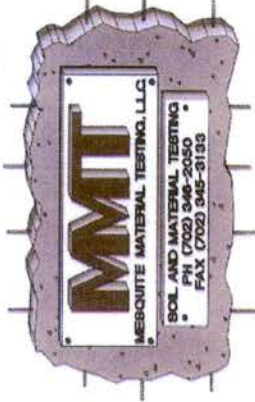


Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native  
 TYPE OF WORK Finish Subgrade - Pad      JOB NO. 138-61

| Date     | Test No. | Station / Location | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|--------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/10/08 | 31       | 53365.287 North    | 131      | FGS                 | 1820.5    | 8"            | 119.0               | 10               | 1282          | 129            | 125.3       | 114.0       | 10.0             | 95.8%              | 95.0%    | Pass      |
| 06/10/08 | 32       | 40975.504 East     | 131      | FGS                 | 1820.4    | 8"            | 119.0               | 10               | 1317          | 112            | 124.3       | 114.6       | 8.5              | 96.3%              | 95.0%    | Pass      |
| 06/10/08 | 33       | 40959.304 East     | 132      | FGS                 | 1820.5    | 8"            | 119.0               | 10               | 1310          | 134            | 124.4       | 112.6       | 10.5             | 94.6%              | 95.0%    | Pass      |
| 06/10/08 | 34       | 53400.187 North    | 132      | FGS                 | 1820.5    | 8"            | 119.0               | 10               | 1377          | 96             | 122.5       | 114.4       | 7.1              | 96.1%              | 95.0%    | Pass      |
| 06/10/08 | 35       | 40945.960 East     | 133      | FGS                 | 1821.8    | 8"            | 119.0               | 10               | 1214          | 119            | 127.6       | 117.2       | 8.9              | 98.5%              | 95.0%    | Pass      |
| 06/10/08 | 36       | 53357.980 North    | 133      | FGS                 | 1821.8    | 8"            | 119.0               | 10               | 1318          | 115            | 124.3       | 114.3       | 8.7              | 96.1%              | 95.0%    | Pass      |
| 06/10/08 | 37       | 40938.346 East     | 134      | FGS                 | 1821.8    | 8"            | 119.0               | 10               | 1427          | 99             | 121.0       | 112.6       | 7.5              | 94.6%              | 95.0%    | Pass      |
| 06/10/08 | 38       | 53384.320 North    | 134      | FGS                 | 1821.7    | 8"            | 119.0               | 10               | 1334          | 106            | 123.8       | 114.7       | 7.9              | 96.4%              | 95.0%    | Pass      |
| 06/10/08 | 39       | 46872.901 East     | 135      | FGS                 | 1823.2    | 8"            | 119.0               | 10               | 1247          | 135            | 126.4       | 114.5       | 10.5             | 96.2%              | 95.0%    | Pass      |
| 06/10/08 | 40       | 53373.212 North    | 135      | FGS                 | 1823.0    | 8"            | 119.0               | 10               | 1169          | 138            | 129.1       | 116.8       | 10.5             | 98.2%              | 95.0%    | Pass      |

DAILY COUNTS: Gauge No.  Density  Moisture

Remarks: Page 4 of 5

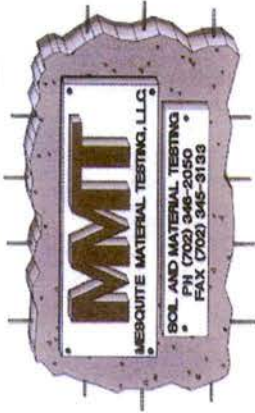


Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT



PROJECT Hitters Subdivision Phase I      TECHNICIAN S. Chambers  
 TYPE MATERIAL Native  
 TYPE OF WORK Finish Subgrade - Pad      JOB NO. 138-61

| Date     | Test No. | Station / Location                                  | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|---|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/10/08 | 41       | 53374.489 North                                     | 136      | FGS                 | 1823.2    | 8"            | 119.0               | 10               | 1242          | 125            | 126.7       | 115.7       | 9.5              | 97.2%              | 95.0%    | Pass      |
| 06/10/08 | 42       | 40814.777 East<br>53334.500 North<br>40810.339 East | 136      | FGS                 | 1823.4    | 8"            | 119.0               | 10               | 1298          | 112            | 124.9       | 115.2       | 8.4              | 96.8%              | 95.0%    | Pass      |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS:      Gauge No.       Density       Moisture       Pass/Fail

Remarks: Page 5 of 5



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# Mesquite Material Testing, L.L.C.

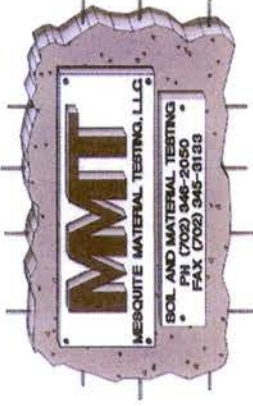
Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT

PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native TECHNICIAN S. Chambers

TYPE OF WORK Subgrade - Fill (Power Line Easement) JOB NO. 138-61



| Date     | Test No. | Station / Location                | Offset from C/L | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|-----------------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/10/08 | 1        | 53857.131 North<br>41535.594 East |                 | FGS                 | 1790.1    | 8"            | 119.0               | 10               | 1388          | 98             | 122.2       | 113.9       | 7.3              | 95.7%              | 95.0%    | Pass      |
| 06/10/08 | 2        | 53808.161 North<br>41511.068 East |                 | FGS                 | 1792.3    | 8"            | 119.0               | 10               | 1296          | 112            | 125.0       | 115.3       | 8.4              | 96.9%              | 95.0%    | Pass      |
| 06/10/08 | 3        | 53834.692 North<br>41339.476 East |                 | FGS                 | 1791.5    | 8"            | 119.0               | 10               | 1365          | 110            | 122.8       | 113.3       | 8.4              | 95.2%              | 95.0%    | Pass      |
| 06/10/08 | 4        | 53818.367 North<br>41602.999 East |                 | FGS                 | 1790.8    | 8"            | 119.0               | 10               | 1351          | 100            | 123.3       | 114.8       | 7.4              | 96.5%              | 95.0%    | Pass      |
| 06/10/08 | 5        | 53777.551 North<br>41253.680 East |                 | FGS                 | 1790.0    | 8"            | 119.0               | 10               | 1282          | 126            | 125.4       | 114.3       | 9.7              | 96.1%              | 95.0%    | Pass      |
| 06/10/08 | 6        | 53822.445 North<br>41251.638 East |                 | FGS                 | 1795.6    | 8"            | 119.0               | 10               | 1314          | 132            | 124.3       | 112.6       | 10.4             | 94.6%              | 95.0%    | Pass      |
| 06/10/08 | 7        | 53795.929 North<br>41396.670 East |                 | FGS                 | 1794.1    | 8"            | 119.0               | 10               | 1312          | 124            | 124.4       | 113.5       | 9.6              | 95.4%              | 95.0%    | Pass      |
| 06/10/08 | 8        | 53865.300 North<br>41543.754 East |                 | FGS                 | 1793.7    | 8"            | 119.0               | 10               | 1244          | 136            | 126.5       | 114.5       | 10.5             | 96.2%              | 95.0%    | Pass      |
| 06/10/08 | 9        | 53832.659 North<br>41402.802 East |                 | FGS                 | 1793.0    | 8"            | 119.0               | 10               | 1278          | 137            | 125.4       | 113.3       | 10.7             | 95.2%              | 95.0%    | Pass      |

DAILY COUNTS:

Gauge No.

Density

Moisture

Remarks:



Reviewed by: Greg L. Bulloch

# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133

## FIELD DENSITY TEST REPORT

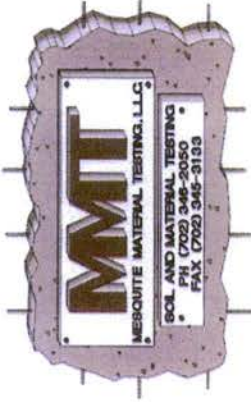
PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native

TECHNICIAN S. Chambers

TYPE OF WORK Finish Subgrade - Pad

JOB NO. 138-61



| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/11/08 | 1        | 53368.774 North<br>40772.211 East | 137      | FGS                 | 1824.4    | 8"            | 119.0               | 10               | 1386          | 102            | 122.0       | 113.7       | 7.3              | 95.5%              | 95.0%    | Pass      |
| 06/11/08 | 2        | 53331.965 North<br>40767.762 East | 137      | FGS                 | 1824.5    | 8"            | 119.0               | 10               | 1377          | 107            | 122.3       | 113.5       | 7.7              | 95.4%              | 95.0%    | Pass      |
| 06/11/08 | 3        | 53327.208 North<br>40756.643 East | 138      | FGS                 | 1824.3    | 8"            | 119.0               | 10               | 1374          | 100            | 122.4       | 114.3       | 7.1              | 96.1%              | 95.0%    | Pass      |
| 06/11/08 | 4        | 53359.571 North<br>40740.444 East | 138      | FGS                 | 1824.4    | 8"            | 119.0               | 10               | 1379          | 93             | 122.3       | 114.8       | 6.5              | 96.5%              | 95.0%    | Pass      |
| 06/11/08 | 5        | 53362.768 North<br>40709.556 East | 139      | FGS                 | 1824.5    | 8"            | 119.0               | 10               | 1400          | 93             | 121.6       | 114.2       | 6.5              | 96.0%              | 95.0%    | Pass      |
| 06/11/08 | 6        | 53320.647 North<br>40700.495 East | 139      | FGS                 | 1824.4    | 8"            | 119.0               | 10               | 1331          | 96             | 123.7       | 116.0       | 6.7              | 97.5%              | 95.0%    | Pass      |
| 06/11/08 | 7        | 53317.810 North<br>40684.935 East | 140      | FGS                 | 1824.5    | 8"            | 119.0               | 10               | 1370          | 103            | 122.5       | 114.1       | 7.4              | 95.9%              | 95.0%    | Pass      |
| 06/11/08 | 8        | 53357.111 North<br>40676.449 East | 140      | FGS                 | 1824.5    | 8"            | 119.0               | 10               | 1293          | 101            | 124.9       | 116.7       | 7.0              | 98.1%              | 95.0%    | Pass      |

DAILY COUNTS:

Gauge No.

Density

Moisture

Remarks:

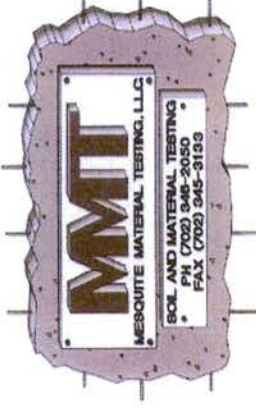


Reviewed by: Greg L. Bulloch



# Mesquite Material Testing, L.L.C.

Phone: 702-346-2050 Fax: 702-345-3133



## FIELD DENSITY TEST REPORT

PROJECT Hitters Subdivision Phase I

TYPE MATERIAL Native

TECHNICIAN N. Thomas

TYPE OF WORK Finish Subgrade - Pad

JOB NO. 138-61

| Date     | Test No. | Station / Location                | Lot No.s | Elevation Reference | Elevation | Depth of Test | Maximum Dry Density | Optimum Moisture | Density Count | Moisture Count | Wet Density | Dry Density | Percent Moisture | Percent Compaction | Required | Pass/Fail |
|----------|----------|-----------------------------------|----------|---------------------|-----------|---------------|---------------------|------------------|---------------|----------------|-------------|-------------|------------------|--------------------|----------|-----------|
| 06/24/08 | 1        | 53619.235 North<br>41152.154 East | 113      | FGS                 | 1815.3    | 10"           | 118.0               | 10               | 844           | 120            | 124.6       | 113.7       | 9.6              | 96.4%              | 95.0%    | Pass      |
| 06/24/08 | 2        | 53658.628 North<br>41144.750 East | 113      | FGS                 | 1815.2    | 10"           | 118.0               | 10               | 794           | 122            | 126.8       | 115.7       | 9.6              | 98.1%              | 95.0%    | Pass      |
| 06/24/08 | 3        | 53683.751 North<br>41161.469 East | 114      | FGS                 | 1815.3    | 10"           | 118.0               | 10               | 807           | 128            | 126.2       | 114.4       | 10.3             | 96.9%              | 95.0%    | Pass      |
| 06/24/08 | 4        | 53643.665 North<br>41167.113 East | 114      | FGS                 | 1815.3    | 10"           | 118.0               | 10               | 807           | 119            | 126.2       | 115.4       | 9.4              | 97.8%              | 95.0%    | Pass      |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |
|          |          |                                   |          |                     |           |               |                     |                  |               |                |             |             |                  |                    |          |           |

DAILY COUNTS:

Gauge No.

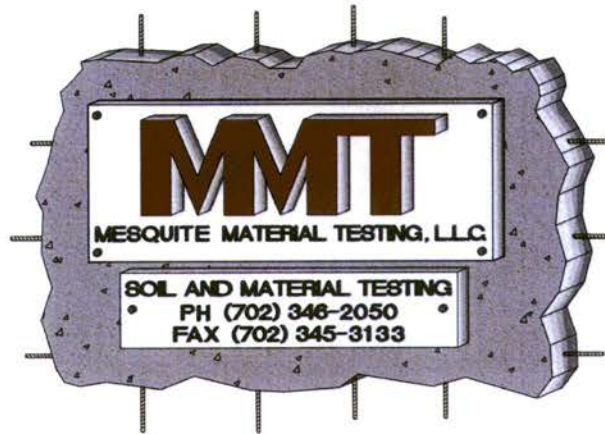
Density

Moisture

Remarks:



Reviewed by: Greg L. Bulloch



# HITTERS SUBDIVISION PHASE I

---

# PAD CERTIFICATION SECTION 3



# TEST PIT NO. 1

PROJECT Hitters Subdivision Phase I (Lot 139)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53358.269 North 40721.019 East Elevation: 1824.0

JOB # 138-61

DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-   |             | Light brown poorly graded sand with silt  | SP-SM   |             |           | B     | 4.0      |                   |
| 7-<br>8-   |             | Red clayey sand   | SC  |             |           | B     | 22.8     |                   |
| 9-<br>10-<br>11-<br>12-<br>13-<br>14-  |             | Light brown silty sand  | SM  |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |

**Figure 2**



## TEST PIT NO. 2

PROJECT Hitters Subdivision Phase 1 (Lot 139)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53312.422 North 40716.438 East      Elevation: 1823.5

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log                                 | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|---|--|--|-------------|-----------|-------|----------|-------------------|
|  |   | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   | [Hatched pattern representing soil profile] | Light brown silty sand with gravel   | SM   |             |           |       | 2.6      | 122.5             |
| 2-   |   |  |  |             |           |       |          |                   |
| 3-   |   |  |  |             |           |       |          |                   |
| 4-   |   |  |  |             |           |       |          |                   |
| 5-   |   |  |  |             |           |       |          |                   |
| 6-   |   |  |  |             |           |       |          |                   |
| 7-   |   |  |  |             |           |       |          |                   |
| 8-   |   |  |  |             |           |       |          |                   |
| 9-   |   |  |  |             |           |       |          |                   |
| 10-  |   |  |  |             |           |       |          |                   |
| 11-  |   |  |  |             |           |       |          |                   |
| 12-  |   |  |  |             |           |       |          |                   |
| 13-  |   |  |  |             |           |       |          |                   |
| 14-  |   |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |   |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |   |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 3



## TEST PIT NO. 3

PROJECT Hitters Subdivision Phase I (Lot 140)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53305.132 North 40646.512 East Elevation: 1824.9

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Graphic Log | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           |       |          |                   |
| Light brown silty sand   |             |   |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 4



# TEST PIT NO. 4

PROJECT Hitters Subdivision Phase I (Lot 140)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53352.320 North 40682.242 East Elevation: 1824.1

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|--|
| 1-   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |  |
| 2-   |             |   |   |             |           |       |          |                   |  |
| 3-   |             |   |   |             |           |       |          |                   |  |
| 4-   |             |   |   |             |           |       |          |                   |  |
| 5-   |             |   |   |             |           |       |          |                   |  |
| 6-   |             |   | Light brown poorly graded sand with gravel  | SP          |           |       | B        | 2.7               |  |
| 7-   |             |   |   |             |           |       |          |                   |  |
| 8-   |             |   |   |             |           |       |          |                   |  |
| 9-   |             |   |   |             |           |       |          |                   |  |
| 10-  |             |   |   |             |           |       |          |                   |  |
| 11-  |             |   |   |             |           |       |          |                   |  |
| 12-  |             |   |   |             |           |       |          |                   |  |
| 13-  |             |   |   |             |           |       |          |                   |  |
| 14-  |             |   |   |             |           |       |          |                   |  |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |  |

**Figure 5**



# TEST PIT NO. 5

PROJECT Hitters Subdivision Phase I (Lot 138)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53364.670 North 40738.109 East Elevation: 1823.8

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|---|-------------|---|---|-------------|-----------|-------|----------|-------------------|
|   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-  |             |   |   |             |           |       |          |                   |
| 2-  |             | Light brown silty sand  | SM  |             |           |       |          |                   |
| 3-  |             |   |   |             |           |       |          |                   |
| 4-  |             |   |   |             |           |       |          |                   |
| 5-  |             |   |   |             |           |       |          |                   |
| 6-  |             |   |   |             |           |       |          |                   |
| 7-  |             |   |   |             |           |       |          |                   |
| 8-  |             |   |   |             |           |       |          |                   |
| 9-  |             |   |   |             |           |       |          |                   |
| 10-   |             | Light brown silty sand with gravel  | SM  |             |           |       |          |                   |
| 11-   |             | Red clayey sand   | SC  |             |           | B     | 36.9     |                   |
| 12-   |             | Light brown silty sand with gravel  | SM  |             |           |       |          |                   |
| 13-   |             |   |   |             |           |       |          |                   |
| 14-   |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> |             |           |       |          |                   |
| <p>NOTES: Groundwater not encountered.</p>  |             |   | <p>End of trench at 13.5 feet</p>   |             |           |       |          |                   |

**Figure 6**



# TEST PIT NO. 6

PROJECT Hitters Subdivision Phase I (Lot 138)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53329.652 North 40745.303 East Elevation: 1828.6

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown silty sand with gravel  | SM  |             |           |       |          |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             |   |   |             |           |       |          |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             |   |   |             |           |       |          |                   |
| 7-   |             |   |   |             |           |       |          |                   |
| 8-   |             |   |   |             |           |       |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             |   |   |             |           |       |          |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             |   |   |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

**Figure 7**





# TEST PIT NO. 7

PROJECT Hitters Subdivision Phase I (Lot 137)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53371.795 North 40772.570 East Elevation: 1823.6

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
| 1-   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM  |             |           |       |          |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             |   |   |             |           |       |          |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             |   |   |             |           |       |          |                   |
| 7-   |             |   |   |             |           |       |          |                   |
| 8-   |             |   |   |             |           |       |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             |   |   |             |           |       |          |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             |   |   |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |

Figure 8



## TEST PIT NO. 8

PROJECT Hitters Subdivision Phase I (Lot 137)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53329.563 North 40777.746 East      Elevation: 1823.3

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             |  |  |             |           |       |          |                   |
| 2-   |             | Light brown silty sand with gravel   | SM   |             |           |       | 4.0      | 103.6             |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             | Light brown clayey sand  | SC   |             |           | B     | 8.2      | 107.1             |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             | Light green sandy lean clay  | CL   |             |           | B     | 20.7     |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             | Dark brown clayey sand   | SC   |             |           | B     | 23.6     |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             | Light brown silty sand   | SM   |             |           | B     | 6.4      |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 9



# TEST PIT NO. 9

PROJECT Hitters Subdivision Phase I (Lot 136)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53374.196 North 40802.765 East Elevation: 1823.9

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log   | USCS Symbol | Consistency  | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|---|-------------|--|-----------|-------|----------|-------------------|
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-  | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> <p>Light brown silty sand</p> | SM          |  |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |   |             | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |           |       |          |                   |
| NOTES: Groundwater not encountered.  |   |             | End of trench at 13.5 feet   |           |       |          |                   |

Figure 10



# TEST PIT NO. 10

PROJECT Hitters Subdivision Phase I (Lot 136)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53325.152 North 40809.656 East Elevation: 1823.1

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> <p>Light brown silty sand</p> | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

**Figure 11**



## TEST PIT NO. 11

PROJECT Hitters Subdivision Phase I (Lot 135)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53379.154 North 40837.699 East      Elevation: 1823.8

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1-   |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> <p style="margin-top: 100px;">Light brown silty sand</p> | SM   |             |           |       |          |                   |
| 2-   |             |   |  |             |           |       |          |                   |
| 3-   |             |   |  |             |           |       |          |                   |
| 4-   |             |   |  |             |           |       |          |                   |
| 5-   |             |   |  |             |           |       |          |                   |
| 6-   |             |   |  |             |           |       |          |                   |
| 7-   |             |   |  |             |           |       |          |                   |
| 8-   |             |   |  |             |           |       |          |                   |
| 9-   |             |   |  |             |           |       |          |                   |
| 10-  |             |   |  |             |           |       |          |                   |
| 11-  |             |   |  |             |           |       |          |                   |
| 12-  |             |   |  |             |           |       |          |                   |
| 13-  |             |   |  |             |           |       |          |                   |
| 14-  |             |   |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 12



## TEST PIT NO. 12

PROJECT Hitters Subdivision Phase I (Lot 135)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53331.797 North 40853.438 East      Elevation: 1823.4

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 13



# TEST PIT NO. 13

PROJECT Hitters Subdivision Phase I (Lot 134)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53369.713 North 40867.710 East Elevation: 1823.7

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log   | USCS Symbol | Consistency  | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|---|-------------|--|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> <p>Light brown silty sand</p> | SM          |  |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |   |             | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |           |       |          |                   |
| NOTES: Groundwater not encountered.  |   |             | End of trench at 13.5 feet   |           |       |          |                   |

**Figure 14**



## TEST PIT NO. 14

PROJECT Hitters Subdivision Phase I (Lot 134)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53334.374 North 40883.097 East      Elevation: 1823.2

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   | Graphic Log | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 15





# TEST PIT NO. 15

PROJECT Hitters Subdivision Phase I (Lot 133)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53340.435 North 40919.971 East Elevation: 1823.7

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions<br>The following is a summary of subsurface conditions encountered at the time of exploration.<br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  |             | Light brown silty sand  | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

**Figure 16**



## TEST PIT NO. 16

PROJECT Hitters Subdivision Phase I (Lot 133)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53399.632 North 40904.208 East Elevation: 1823.2

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|---|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|   |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-  |             | Light brown poorly graded sand   | SP   |             |           | B     | 2.1      |                   |
| 2-  |             |  |  |             |           |       | 9.5      | 104.9             |
| 3-  |             |  |  |             |           |       |          |                   |
| 4-  |             |  |  |             |           |       | 10.1     | 106.3             |
| 5-  |             |  |  |             |           |       |          |                   |
| 6-  |             |  |  |             |           |       |          |                   |
| 7-  |             |  |  |             |           |       |          |                   |
| 8-  |             |  |  |             |           |       |          |                   |
| 9-  |             |  |  |             |           |       |          |                   |
| 10-   |             |  |  |             |           |       |          |                   |
| 11-   |             |  |  |             |           |       |          |                   |
| 12-   |             |  |  |             |           |       |          |                   |
| 13-   |             |  |  |             |           |       |          |                   |
| 14-   |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.<br>NOTES: Groundwater not encountered. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core<br>End of trench at 13.5 feet |             |           |       |          |                   |

Figure 17



# TEST PIT NO. 17

PROJECT Hitters Subdivision Phase I (Lot 132)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53384.109 North 40937.916 East Elevation: 1822.2

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM  |             |           |       |          |                   |
| 2-   |             |  |   |             |           |       |          |                   |
| 3-   |             |  |   |             |           |       |          |                   |
| 4-   |             |  |   |             |           |       |          |                   |
| 5-   |             |  |   |             |           |       |          |                   |
| 6-   |             |  |   |             |           |       |          |                   |
| 7-   |             |  |   |             |           |       |          |                   |
| 8-   |             |  |   |             |           |       |          |                   |
| 9-   |             |  |   |             |           |       |          |                   |
| 10-  |             |  |   |             |           |       |          |                   |
| 11-  |             |  |   |             |           |       |          |                   |
| 12-  |             |  |   |             |           |       |          |                   |
| 13-  |             |  |   |             |           |       |          |                   |
| 14-  |             |  |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

Figure 18



## TEST PIT NO. 18

PROJECT Hitters Subdivision Phase I (Lot 132)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53355.220 North 40936.736 East      Elevation: 1822.4

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Graphic Log | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 19



## TEST PIT NO. 19

PROJECT Hitters Subdivision Phase I (Lot 131)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53411.557 North 40968.977 East      Elevation: 1822.0

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log            | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|------------------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Light brown silty sand | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |                        |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |                        |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 20



## TEST PIT NO. 20

PROJECT Hitters Subdivision Phase I (Lot 131)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53358.759 North 40980.674 East      Elevation: 1821.3

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log            | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|------------------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Light brown silty sand | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |                        |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |                        |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 21



## TEST PIT NO. 21

PROJECT Hitters Subdivision Phase I (Lot 130)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53399.022 North 40995.761 East      Elevation: 1821.2

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   | Graphic Log | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 22



## TEST PIT NO. 22

PROJECT Hitters Subdivision Phase I (Lot 130)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53359.171 North 41013.045 East Elevation: 1820.3

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 23





## TEST PIT NO. 23

PROJECT Hitters Subdivision Phase I (Lot 129)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53362.562 North 41037.259 East      Elevation: 1819.8

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 24



## TEST PIT NO. 24

PROJECT Hitters Subdivision Phase I (Lot 129)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53424.360 North 41030.092 East      Elevation: 1820.3

JOB # 138-61  
 DATE TRENCHED 22-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 25



## TEST PIT NO. 25

PROJECT Hitters Subdivision Phase I (Lot 128)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53433.124 North 41052.103 East      Elevation: 1819.8

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log        | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|--------------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |                    | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   | [Graphic Log Area] | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |                    |  |  |             |           |       |          |                   |
| 3-   |                    |  |  |             |           |       |          |                   |
| 4-   |                    |  |  |             |           |       |          |                   |
| 5-   |                    |  |  |             |           |       |          |                   |
| 6-   |                    |  |  |             |           |       |          |                   |
| 7-   |                    |  |  |             |           |       |          |                   |
| 8-   |                    |  |  |             |           |       |          |                   |
| 9-   |                    |  |  |             |           |       |          |                   |
| 10-  |                    |  |  |             |           |       |          |                   |
| 11-  |                    |  |  |             |           |       |          |                   |
| 12-  |                    |  |  |             |           |       |          |                   |
| 13-  |                    |  |  |             |           |       |          |                   |
| 14-  |                    |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |                    |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |                    |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 26



## TEST PIT NO. 26

PROJECT Hitters Subdivision Phase I (Lot 128)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53389.509 North 41064.475 East      Elevation: 1819.5

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Graphic Log | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 27



## TEST PIT NO. 27

PROJECT Hitters Subdivision Phase I (Lot 127)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53380.029 North 41114.600 East Elevation: 1818.4

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 28



# TEST PIT NO. 28

PROJECT Hitters Subdivision Phase I (Lot 127)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53419.938 North 41100.590 East Elevation: 1818.7

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions<br>The following is a summary of subsurface conditions encountered at the time of exploration.<br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-  |             | Light brown silty sand  | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

**Figure 29**



## TEST PIT NO. 29

PROJECT Hitters Subdivision Phase I (Lot 126)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53451.714 North 41109.236 East      Elevation: 1818.4

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   | Graphic Log | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 30



## TEST PIT NO. 30

PROJECT Hitters Subdivision Phase I (Lot 126)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53406.277 North 41146.197 East      Elevation: 1817.8

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log                             | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|---|--|--|-------------|-----------|-------|----------|-------------------|
|  |   | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   | [Shaded area representing soil profile] | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |   |  |  |             |           |       |          |                   |
| 3-   |   |  |  |             |           |       |          |                   |
| 4-   |   |  |  |             |           |       |          |                   |
| 5-   |   |  |  |             |           |       |          |                   |
| 6-   |   |  |  |             |           |       |          |                   |
| 7-   |   |  |  |             |           |       |          |                   |
| 8-   |   |  |  |             |           |       |          |                   |
| 9-   |   |  |  |             |           |       |          |                   |
| 10-  |   |  |  |             |           |       |          |                   |
| 11-  |   |  |  |             |           |       |          |                   |
| 12-  |   |  |  |             |           |       |          |                   |
| 13-  |   |  |  |             |           |       |          |                   |
| 14-  |   |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |   |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |   |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 31





# TEST PIT NO. 31

PROJECT Hitters Subdivision Phase I (Lot 125)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53436.247 North 41170.897 East Elevation: 1818.0

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions<br>The following is a summary of subsurface conditions encountered at the time of exploration.<br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  |             | Light brown silty sand  | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

**Figure 32**



## TEST PIT NO. 32

PROJECT Hitters Subdivision Phase I (Lot 125)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53464.374 North 41147.250 East      Elevation: 1817.7

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   | Graphic Log | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 33



### TEST PIT NO. 33

PROJECT Hitters Subdivision Phase I (Lot 124)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53489.628 North 41160.143 East Elevation: 1817.5

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
| 1-   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             | Light brown silty sand  | SM  |             |           |       |          |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             |   |   |             |           |       |          |                   |
| 7-   |             |   |   |             |           |       |          |                   |
| 8-   |             |   |   |             |           |       |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             |   |   |             |           |       |          |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             |   |   |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

Figure 34



## TEST PIT NO. 34

PROJECT Hitters Subdivision Phase I (Lot 124)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53454.662 North 41206.264 East Elevation: 1817.6

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|---|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1-  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           |       |          |                   |
| 2-  |             |   |  |             |           |       |          |                   |
| 3-  |             |   |  |             |           |       |          |                   |
| 4-  |             |   |  |             |           |       |          |                   |
| 5-  |             |   |  |             |           |       |          |                   |
| 6-  |             |   |  |             |           |       |          |                   |
| 7-  |             |   |  |             |           |       |          |                   |
| 8-  |             |   |  |             |           |       |          |                   |
| 9-  |             |   |  |             |           |       |          |                   |
| 10-   |             |   |  |             |           |       |          |                   |
| 11-   |             |   |  |             |           |       |          |                   |
| 12-   |             |   |  |             |           |       |          |                   |
| 13-   |             |   |  |             |           |       |          |                   |
| 14-   |             |   |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.<br>NOTES: Groundwater not encountered. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core<br>End of trench at 13.5 feet |             |           |       |          |                   |

Figure 35



## TEST PIT NO. 35

PROJECT Hitters Subdivision Phase I (Lot 123)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53518.646 North 41209.168 East Elevation: 1817.1

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log            | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|------------------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Light brown silty sand | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |                        |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |                        |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 36



# TEST PIT NO. 36

PROJECT Hitters Subdivision Phase I (Lot 123)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53473.966 North 41233.975 East Elevation : 1817.2

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown silty sand  | SM  |             |           |       |          |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             |   |   |             |           |       |          |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             |   |   |             |           |       |          |                   |
| 7-   |             |   |   |             |           |       |          |                   |
| 8-   |             | Dark brown clayey sand  | SC  |             | B         | 20.2  |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             | Light brown silty sand  | SM  |             |           |       |          |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             |   |   |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |

**Figure 37**



## TEST PIT NO. 37

PROJECT Hitters Subdivision Phase I (Lot 122)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53534.891 North 41229.031 East Elevation: 1816.6

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Dark red clayey sand   | SC   |             |           | B     | 22.5     |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 38



## TEST PIT NO. 38

PROJECT Hitters Subdivision Phase I (Lot 122)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53494.105 North 41245.736 East      Elevation: 1817.1

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             | Dark brown clayey sand   | SC   |             |           | B     | 23.1     |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 39





### TEST PIT NO. 39

PROJECT Hitters Subdivision Phase I (Lot 121)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53495.393 North 41290.285 East Elevation: 1816.4

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown silty sand  | SM  |             |           |       |          |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             | Dark brown clay   |   |             |           |       |          |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             |   |   |             |           |       |          |                   |
| 7-   |             | Light brown silty sand  | SM  |             |           |       |          |                   |
| 8-   |             |   |   |             |           |       |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             | Dark brown clayey sand  | SC  |             |           | B     | 27.6     |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             | Light brown silty sand  | SM  |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

**Figure 40**



## TEST PIT NO. 40

PROJECT Hitters Subdivision Phase I (Lot 121)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53529.500 North 41279.881 East      Elevation: 1815.8

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             | Dark red sandy lean clay   | CL   |             |           | B     | 11.6     |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             | Dark brown sandy lean clay   | CL   |             |           | B     | 13.1     |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 41



## TEST PIT NO. 41

PROJECT Hitters Subdivision Phase I (Lot 120)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53558.550 North 41298.201 East Elevation: 1815.8

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Red silty, clayey sand   | SC-SM  |             |           | B     | 25.9     |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             | Dark brown/green clay  | CL   |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 42



## TEST PIT NO. 42

PROJECT Hitters Subdivision Phase I (Lot 120)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53518.139 North 41312.013 East      Elevation: 1815.7

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             | Dark red lean clay with sand   | CL   |             |           | B     | 9.2      |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             | Light brown poorly graded sand   | SP   |             |           | B     | 1.4      |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 43



## TEST PIT NO. 43

PROJECT Hitters Subdivision Phase I (Lot 119)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53512.645 North 41346.762 East      Elevation: 1815.1

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pcf) |  |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             |  |  |             |           |       |          |                   |  |
| 2-   |             |  |  |             |           |       |          |                   |  |
| 3-   |             |  |  |             |           |       |          |                   |  |
| 4-   |             |  |  |             |           |       |          |                   |  |
| 5-   |             |  |  |             |           |       |          |                   |  |
| 6-   |             | Light brown poorly graded sand   |  | SP          |           |       | B        | 3.1               |  |
| 7-   |             |  |  |             |           |       |          |                   |  |
| 8-   |             |  |  |             |           |       |          |                   |  |
| 9-   |             |  |  |             |           |       |          |                   |  |
| 10-  |             |  |  |             |           |       |          |                   |  |
| 11-  |             |  |  |             |           |       |          |                   |  |
| 12-  |             |  |  |             |           |       |          |                   |  |
| 13-  |             |  |  |             |           |       |          |                   |  |
| 14-  |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |  |

Figure 44



## TEST PIT NO. 44

PROJECT Hitters Subdivision Phase I (Lot 119)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53568.974 North 41342.773 East Elevation: 1815.0

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             | Light brown poorly graded sand with silt   | SP-SM  |             |           | B     | 2.2      |                   |  |
| 2-   |             |  |  |             |           |       |          |                   |  |
| 3-   |             |  |  |             |           |       |          |                   |  |
| 4-   |             |  |  |             |           |       |          |                   |  |
| 5-   |             | Dark brown clayey sand   | SC   |             |           | B     | 23.4     |                   |  |
| 6-   |             |  |  |             |           |       |          |                   |  |
| 7-   |             |  |  |             |           |       |          |                   |  |
| 8-   |             |  |  |             |           |       |          |                   |  |
| 9-   |             |  |  |             |           |       |          |                   |  |
| 10-  |             | Light brown silty sand   | SM   |             |           |       |          |                   |  |
| 11-  |             |  |  |             |           |       |          |                   |  |
| 12-  |             |  |  |             |           |       |          |                   |  |
| 13-  |             |  |  |             |           |       |          |                   |  |
| 14-  |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |  |

Figure 45



# TEST PIT NO. 45

PROJECT Hitters Subdivision Phase I (Lot 118)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53559.518 North 41366.811 East Elevation: 1814.7

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|
| 1-   |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 2-   |             |  |   |             |           |       |          |                   |
| 3-   |             |  |   |             |           |       |          |                   |
| 4-   |             | Light brown poorly graded sand   | SP  |             |           | B     | 0.2      |                   |
| 5-   |             |  |   |             |           |       |          |                   |
| 6-   |             |  |   |             |           |       |          |                   |
| 7-   |             |  |   |             |           |       |          |                   |
| 8-   |             |  |   |             |           |       |          |                   |
| 9-   |             |  |   |             |           |       |          |                   |
| 10-  |             |  |   |             |           |       |          |                   |
| 11-  |             |  |   |             |           |       |          |                   |
| 12-  |             |  |   |             |           |       |          |                   |
| 13-  |             |  |   |             |           |       |          |                   |
| 14-  |             |  |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

Figure 46



### TEST PIT NO. 46

PROJECT Hitters Subdivision Phase I (Lot 118)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53516.925 North 41376.468 East Elevation: 1814.4

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|---|-------------|---|---|-------------|-----------|-------|----------|-------------------|--|
|   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |  |
| 1-  |             |   |   |             |           |       |          |                   |  |
| 2-  |             |   |   |             |           |       |          |                   |  |
| 3-  |             |   |   |             |           |       |          |                   |  |
| 4-  |             |   |   |             |           |       |          |                   |  |
| 5-  |             |   |   |             |           |       |          |                   |  |
| 6-  |             |   |   |             |           |       |          |                   |  |
| 7-  |             |   |   |             |           |       |          |                   |  |
| 8-  |             |   | Light brown silty sand  | SM          |           |       | B        | 8.5               |  |
| 9-  |             |   |   |             |           |       |          |                   |  |
| 10-   |             |   |   |             |           |       |          |                   |  |
| 11-   |             |   |   |             |           |       |          |                   |  |
| 12-   |             |   |   |             |           |       |          |                   |  |
| 13-   |             |   |   |             |           |       |          |                   |  |
| 14-   |             |   |   |             |           |       |          |                   |  |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> |             |           |       |          |                   |  |
| <p>NOTES: Groundwater not encountered.</p>  |             |   | <p>End of trench at 13.5 feet</p>   |             |           |       |          |                   |  |

Figure 47





# TEST PIT NO. 47

PROJECT Hitters Subdivision Phase I (Lot 117)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53530.103 North 41419.664 East Elevation: 1813.2

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|--|
| 1-   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |  |
| 2-   |             |   |   |             |           |       |          |                   |  |
| 3-   |             |   |   |             |           |       |          |                   |  |
| 4-   |             |   |   |             |           |       |          |                   |  |
| 5-   |             |   |   |             |           |       |          |                   |  |
| 6-   |             |   |   |             |           |       |          |                   |  |
| 7-   |             |   |   |             |           |       |          |                   |  |
| 8-   |             |   |   |             |           |       |          |                   |  |
| 9-   |             |   |   |             |           |       |          |                   |  |
| 10-  |             |   | Light brown poorly graded sand with silt  | SP-SM       |           |       | B        | 1.9               |  |
| 11-  |             |   |   |             |           |       |          |                   |  |
| 12-  |             |   |   |             |           |       |          |                   |  |
| 13-  |             |   |   |             |           |       |          |                   |  |
| 14-  |             |   |   |             |           |       |          |                   |  |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |  |

**Figure 48**



# TEST PIT NO. 48

PROJECT Hitters Subdivision Phase I (Lot 117)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53585.899 North 41397.684 East Elevation: 1813.8

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown poorly graded sand   | SP  |             |           | B     | 2.4      |                   |
| 2-   |             |  |   |             |           |       |          |                   |
| 3-   |             |  |   |             |           |       |          |                   |
| 4-   |             |  |   |             |           |       |          |                   |
| 5-   |             |  |   |             |           |       |          |                   |
| 6-   |             |  |   |             |           |       |          |                   |
| 7-   |             |  |   |             |           |       |          |                   |
| 8-   |             |  |   |             |           |       |          |                   |
| 9-   |             |  |   |             |           |       |          |                   |
| 10-  |             |  |   |             |           |       |          |                   |
| 11-  |             |  |   |             |           |       |          |                   |
| 12-  |             |  |   |             |           |       |          |                   |
| 13-  |             |  |   |             |           |       |          |                   |
| 14-  |             |  |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

Figure 49



## TEST PIT NO. 49

PROJECT Hitters Subdivision Phase I (Lot 101)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53481.181 North 40792.506 East Elevation: 1823.2

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log                              | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|--|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Light brown poorly graded sand with silt | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SP-SM  |             |           | B     | 7.9      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |  |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |  |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 50



# TEST PIT NO. 50

PROJECT Hitters Subdivision Phase I (Lot 101)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53483.173 North 40732.868 East Elevation: 1823.4

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |  |
| 1-   |             |   |   |             |           |       |          |                   |  |
| 2-   |             |   |   |             |           |       |          |                   |  |
| 3-   |             |   |   |             |           |       |          |                   |  |
| 4-   |             |   |   |             |           |       |          |                   |  |
| 5-   |             |   |   |             |           |       |          |                   |  |
| 6-   |             |   |   |             |           |       |          |                   |  |
| 7-   |             |   |   |             |           |       |          |                   |  |
| 8-   |             |   | Light brown poorly graded sand  | SP          |           |       | B        | 8.6               |  |
| 9-   |             |   |   |             |           |       |          |                   |  |
| 10-  |             |   |   |             |           |       |          |                   |  |
| 11-  |             |   |   |             |           |       |          |                   |  |
| 12-  |             |   |   |             |           |       |          |                   |  |
| 13-  |             |   |   |             |           |       |          |                   |  |
| 14-  |             |   |   |             |           |       |          |                   |  |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |  |

**Figure 51**



# TEST PIT NO. 51

PROJECT Hitters Subdivision Phase I (Lot 102)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53510.870 North 40726.765 East Elevation: 1823.1

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions<br>The following is a summary of subsurface conditions encountered at the time of exploration.<br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|---|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-   |             | <p>Light brown silty sand</p>   | SM   |             |           | B     | 8.6      |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>SPT = Standard Penetration Test C= Core</p> |             |           |       |          |                   |
| <p>NOTES: Groundwater not encountered.</p>  |             |   | <p>End of trench at 13.5 feet</p>  |             |           |       |          |                   |

**Figure 52**



## TEST PIT NO. 52

PROJECT Hitters Subdivision Phase I (Lot 102)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53512.375 North 40760.092 East Elevation: 1823.5

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             |  |  |             |           |       |          |                   |  |
| 2-   |             |  |  |             |           |       |          |                   |  |
| 3-   |             |  |  |             |           |       |          |                   |  |
| 4-   |             |  |  |             |           |       |          |                   |  |
| 5-   |             |  |  |             |           |       |          |                   |  |
| 6-   |             |  |  |             |           |       |          |                   |  |
| 7-   |             |  | Light brown poorly graded sand with silt                                 | SP-SM       |           |       | B        | 5.3               |  |
| 8-   |             |  |  |             |           |       |          |                   |  |
| 9-   |             |  |  |             |           |       |          |                   |  |
| 10-  |             |  |  |             |           |       |          |                   |  |
| 11-  |             |  |  |             |           |       |          |                   |  |
| 12-  |             |  |  |             |           |       |          |                   |  |
| 13-  |             |  |  |             |           |       |          |                   |  |
| 14-  |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |  |

Figure 53



## TEST PIT NO. 53

PROJECT Hitters Subdivision Phase I (Lot 103)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53549.788 North 40779.273 East      Elevation: 1823.7

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             |  |  |             |           |       |          |                   |  |
| 2-   |             |  |  |             |           |       |          |                   |  |
| 3-   |             |  |  |             |           |       |          |                   |  |
| 4-   |             |  |  |             |           |       |          |                   |  |
| 5-   |             |  |  |             |           |       |          |                   |  |
| 6-   |             |  |  |             |           |       |          |                   |  |
| 7-   |             |  |  |             |           |       |          |                   |  |
| 8-   |             |  |  |             |           |       |          |                   |  |
| 9-   |             |  |  |             |           |       |          |                   |  |
| 10-  |             |  |  |             |           |       |          |                   |  |
| 11-  |             |  |  |             |           |       |          |                   |  |
| 12-  |             |  |  |             |           |       |          |                   |  |
| 13-  |             |  | Light brown poorly graded sand with silt                                 | SP-SM       |           |       | B        | 7.9               |  |
| 14-  |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |  |

Figure 54



# TEST PIT NO. 54

PROJECT Hitters Subdivision Phase I (Lot 103)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53546.334 North 40726.187 East Elevation: 1823.7

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |                        |    |  |  |   |     |  |
|---|-------------|---|--|-------------|-----------|-------|----------|-------------------|------------------------|----|--|--|---|-----|--|
| 1-  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 2-  |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 3-  |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 4-  |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 5-  |             |   |  |             |           |       |          |                   | Light brown silty sand | SM |  |  | B | 7.8 |  |
| 6-  |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 7-  |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 8-  |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 9-  |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 10-   |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 11-   |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 12-   |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 13-   |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| 14-   |             |   |  |             |           |       |          |                   |                        |    |  |  |   |     |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.<br>NOTES: Groundwater not encountered. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core<br>End of trench at 13.5 feet |             |           |       |          |                   |                        |    |  |  |   |     |  |

**Figure 55**





# TEST PIT NO. 55

PROJECT Hitters Subdivision Phase I (Lot 104)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53590.965 North 40733.040 East Elevation: 1824.3

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|--|
| 1-   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |  |
| 2-   |             |   |   |             |           |       |          |                   |  |
| 3-   |             |   |   |             |           |       |          |                   |  |
| 4-   |             |   |   |             |           |       |          |                   |  |
| 5-   |             |   |   |             |           |       |          |                   |  |
| 6-   |             |   |   |             |           |       |          |                   |  |
| 7-   |             |   |   |             |           |       |          |                   |  |
| 8-   |             |   |   |             |           |       |          |                   |  |
| 9-   |             |   | Light brown poorly graded sand with silt  | SP-SM       |           |       | B        | 6.5               |  |
| 10-  |             |   |   |             |           |       |          |                   |  |
| 11-  |             |   |   |             |           |       |          |                   |  |
| 12-  |             |   |   |             |           |       |          |                   |  |
| 13-  |             |   |   |             |           |       |          |                   |  |
| 14-  |             |   |   |             |           |       |          |                   |  |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |  |

**Figure 56**



### TEST PIT NO. 56

PROJECT Hitters Subdivision Phase I (Lot 104)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53579.651 North 40785.356 East Elevation: 1823.8

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|---|-------------|---|---|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> <p>Light brown poorly graded sand with silt</p> | SP-SM   |             |           | B     | 6.4      |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> |             |           |       |          |                   |
| <p>NOTES: Groundwater not encountered.</p>  |             |   | <p>End of trench at 13.5 feet</p>   |             |           |       |          |                   |

**Figure 57**



## TEST PIT NO. 57

PROJECT Hitters Subdivision Phase I (Lot 105)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53602.580 North 40793.995 East Elevation: 1823.7

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log                             | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|---|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |   | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   | [Shaded area representing soil profile] |  |  |             |           |       |          |                   |  |
| 2-   |   |  |  |             |           |       |          |                   |  |
| 3-   |   |  |  |             |           |       |          |                   |  |
| 4-   |   |  |  |             |           |       |          |                   |  |
| 5-   |   |  |  |             |           |       |          |                   |  |
| 6-   |   |  |  |             |           |       |          |                   |  |
| 7-   |   | Light brown silty sand   |  | SM          |           |       | B        | 7.3               |  |
| 8-   |   |  |  |             |           |       |          |                   |  |
| 9-   |   |  |  |             |           |       |          |                   |  |
| 10-  |   |  |  |             |           |       |          |                   |  |
| 11-  |   |  |  |             |           |       |          |                   |  |
| 12-  |   |  |  |             |           |       |          |                   |  |
| 13-  |   |  |  |             |           |       |          |                   |  |
| 14-  |   |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |   |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |   |  | End of trench at 13.5 feet   |             |           |       |          |                   |  |

Figure 58



### TEST PIT NO. 58

PROJECT Hitters Subdivision Phase I (Lot 105)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53645.349 North 40822.543 East Elevation: 1824.2

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown poorly graded sand   | SP  |             |           | B     | 6.3      |                   |
| 2-   |             |  |   |             |           |       |          |                   |
| 3-   |             |  |   |             |           |       |          |                   |
| 4-   |             |  |   |             |           |       |          |                   |
| 5-   |             |  |   |             |           |       |          |                   |
| 6-   |             |  |   |             |           |       |          |                   |
| 7-   |             |  |   |             |           |       |          |                   |
| 8-   |             |  |   |             |           |       |          |                   |
| 9-   |             |  |   |             |           |       |          |                   |
| 10-  |             |  |   |             |           |       |          |                   |
| 11-  |             |  |   |             |           |       |          |                   |
| 12-  |             |  |   |             |           |       |          |                   |
| 13-  |             |  |   |             |           |       |          |                   |
| 14-  |             |  |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

Figure 59



## TEST PIT NO. 59

PROJECT Hitters Subdivision Phase I (Lot 106)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53593.530 North 40912.920 East Elevation: 1823.7

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log                             | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|---|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | [Shaded area representing soil profile] | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
|  |   | Light brown poorly graded sand with silt  | SP-SM  |             |           | B     | 8.4      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |   |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |   |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 60



## TEST PIT NO. 60

PROJECT Hitters Subdivision Phase I (Lot 106)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53573.068 North 40947.752 East Elevation: 1823.6

JOB # 138-61  
 DATE TRENCHED 23-Apr-08

| Depth (ft.)  | Graphic Log            | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|------------------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Light brown silty sand | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           | B     | 8.2      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |                        |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |                        |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 61



## TEST PIT NO. 61

PROJECT Hitters Subdivision Phase I (Lot 107)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53535.600 North 40926.663 East Elevation: 1823.0

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | Graphic Log | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
|  |             | Light brown poorly graded sand with silt  | SP-SM  |             |           | B     | 5.1      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 62



## TEST PIT NO. 62

PROJECT Hitters Subdivision Phase I (Lot 107)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53546.506 North 40983.965 East Elevation: 1822.9

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             |  |  |             |           |       |          |                   |  |
| 2-   |             |  |  |             |           |       |          |                   |  |
| 3-   |             |  |  |             |           |       |          |                   |  |
| 4-   |             |  |  |             |           |       |          |                   |  |
| 5-   |             |  |  |             |           |       |          |                   |  |
| 6-   |             |  |  |             |           |       |          |                   |  |
| 7-   |             |  | Light brown poorly graded sand with silt                                 | SP-SM       |           |       | B        | 5.8               |  |
| 8-   |             |  |  |             |           |       |          |                   |  |
| 9-   |             |  |  |             |           |       |          |                   |  |
| 10-  |             |  |  |             |           |       |          |                   |  |
| 11-  |             |  |  |             |           |       |          |                   |  |
| 12-  |             |  |  |             |           |       |          |                   |  |
| 13-  |             |  |  |             |           |       |          |                   |  |
| 14-  |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |  |

Figure 63





### TEST PIT NO. 63

PROJECT Hitters Subdivision Phase I (Lot 108)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53505.669 North 40939.288 East Elevation: 1822.4

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
| 1-   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             | Light brown poorly graded sand with silt  | SP-SM   |             |           | B     | 6.7      |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             |   |   |             |           |       |          |                   |
| 7-   |             |   |   |             |           |       |          |                   |
| 8-   |             |   |   |             |           |       |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             |   |   |             |           |       |          |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             |   |   |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |

Figure 64



# TEST PIT NO. 64

PROJECT Hitters Subdivision Phase I (Lot 108)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53510.739 North 40991.884 East Elevation: 1822.6

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|---|-------------|---|---|-------------|-----------|-------|----------|-------------------|--|
| 1-  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |  |
| 2-  |             |   |   |             |           |       |          |                   |  |
| 3-  |             |   |   |             |           |       |          |                   |  |
| 4-  |             |   |   |             |           |       |          |                   |  |
| 5-  |             |   |   |             |           |       |          |                   |  |
| 6-  |             |   |   |             |           |       |          |                   |  |
| 7-  |             |   |   |             |           |       |          |                   |  |
| 8-  |             |   |   |             |           |       |          |                   |  |
| 9-  |             |   |   |             |           |       |          |                   |  |
| 10-   |             |   |   |             |           |       |          |                   |  |
| 11-   |             |   | Light brown poorly graded sand with silt  | SP-SM       |           |       | B        | 7.2               |  |
| 12-   |             |   |   |             |           |       |          |                   |  |
| 13-   |             |   |   |             |           |       |          |                   |  |
| 14-   |             |   |   |             |           |       |          |                   |  |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> |             |           |       |          |                   |  |
| <p>NOTES: Groundwater not encountered.</p>  |             |   | <p>End of trench at 13.5 feet</p>   |             |           |       |          |                   |  |

**Figure 65**



## TEST PIT NO. 65

PROJECT Hitters Subdivision Phase I (Lot 109)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53539.646 North 41041.211 East      Elevation: 1818.3

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             |  |  |             |           |       |          |                   |  |
| 2-   |             |  |  |             |           |       |          |                   |  |
| 3-   |             |  |  |             |           |       |          |                   |  |
| 4-   |             |  |  |             |           |       |          |                   |  |
| 5-   |             |  |  |             |           |       |          |                   |  |
| 6-   |             |  |  |             |           |       |          |                   |  |
| 7-   |             |  |  |             |           |       |          |                   |  |
| 8-   |             |  |  |             |           |       |          |                   |  |
| 9-   |             |  | Light brown poorly graded sand with silt                                 | SP-SM       |           |       | B        | 8.1               |  |
| 10-  |             |  |  |             |           |       |          |                   |  |
| 11-  |             |  |  |             |           |       |          |                   |  |
| 12-  |             |  |  |             |           |       |          |                   |  |
| 13-  |             |  |  |             |           |       |          |                   |  |
| 14-  |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |  |

Figure 66



# TEST PIT NO. 66

PROJECT Hitters Subdivision Phase I (Lot 109)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53575.707 North 41017.465 East Elevation: 1819.1

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             |   |  |             |           |       |          |                   |  |
| 2-   |             |   |  |             |           |       |          |                   |  |
| 3-   |             |   |  |             |           |       |          |                   |  |
| 4-   |             |   |  |             |           |       |          |                   |  |
| 5-   |             |   |  |             |           |       |          |                   |  |
| 6-   |             |   |  |             |           |       |          |                   |  |
| 7-   |             |   |  |             |           |       |          |                   |  |
| 8-   |             |   |  |             |           |       |          |                   |  |
| 9-   |             |   | Light brown poorly graded sand with silt                                 | SP-SM       |           |       | B        | 4.4               |  |
| 10-  |             |   |  |             |           |       |          |                   |  |
| 11-  |             |   |  |             |           |       |          |                   |  |
| 12-  |             |   |  |             |           |       |          |                   |  |
| 13-  |             |   |  |             |           |       |          |                   |  |
| 14-  |             |   |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 13.5 feet   |             |           |       |          |                   |  |

**Figure 67**



# TEST PIT NO. 67

PROJECT Hitters Subdivision Phase I (Lot 110)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53594.886 North 41048.184 East Elevation: 1817.2

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             |   |   |             |           |       |          |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             |   |   |             |           |       |          |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             | Light brown poorly graded sand with silt  | SP-SM   |             |           | B     | 5.7      |                   |
| 7-   |             |   |   |             |           |       |          |                   |
| 8-   |             |   |   |             |           |       |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             |   |   |             |           |       |          |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             |   |   |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

**Figure 68**



### TEST PIT NO. 68

PROJECT Hitters Subdivision Phase I (Lot 110)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53568.292 North 41068.405 East Elevation: 1817.0

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|
| 1-   |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> <p>Light brown poorly graded sand with silt</p> | SP-SM   |             |           | B     | 5.9      |                   |
| 2-   |             |  |   |             |           |       |          |                   |
| 3-   |             |  |   |             |           |       |          |                   |
| 4-   |             |  |   |             |           |       |          |                   |
| 5-   |             |  |   |             |           |       |          |                   |
| 6-   |             |  |   |             |           |       |          |                   |
| 7-   |             |  |   |             |           |       |          |                   |
| 8-   |             |  |   |             |           |       |          |                   |
| 9-   |             |  |   |             |           |       |          |                   |
| 10-  |             |  |   |             |           |       |          |                   |
| 11-  |             |  |   |             |           |       |          |                   |
| 12-  |             |  |   |             |           |       |          |                   |
| 13-  |             |  |   |             |           |       |          |                   |
| 14-  |             |  |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

Figure 69



## TEST PIT NO. 69

PROJECT Hitters Subdivision Phase I (Lot 111)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53622.630 North 41068.230 East      Elevation: 1816.4

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             |  |  |             |           |       |          |                   |  |
| 2-   |             |  |  |             |           |       |          |                   |  |
| 3-   |             |  |  |             |           |       |          |                   |  |
| 4-   |             |  |  |             |           |       |          |                   |  |
| 5-   |             |  |  |             |           |       |          |                   |  |
| 6-   |             |  |  |             |           |       |          |                   |  |
| 7-   |             |  |  |             |           |       |          |                   |  |
| 8-   |             |  |  |             |           |       |          |                   |  |
| 9-   |             |  |  |             |           |       |          |                   |  |
| 10-  |             |  | Light brown poorly graded sand with silt                                 | SP-SM       |           |       | B        | 6.3               |  |
| 11-  |             |  |  |             |           |       |          |                   |  |
| 12-  |             |  |  |             |           |       |          |                   |  |
| 13-  |             |  |  |             |           |       |          |                   |  |
| 14-  |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |  |

Figure 70



## TEST PIT NO. 70

PROJECT Hitters Subdivision Phase I (Lot 111)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53581.507 North 41103.931 East      Elevation: 1816.7

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             |  |  |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             | Light brown poorly graded sand with silt   | SP-SM  |             |           | B     | 6.3      |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 71





# TEST PIT NO. 71

PROJECT Hitters Subdivision Phase I (Lot 112)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53603.563 North 41132.743 East Elevation: 1816.1

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown poorly graded sand with silt   | SP-SM   |             |           | B     | 4.3      |                   |
| 2-   |             |  |   |             |           |       |          |                   |
| 3-   |             |  |   |             |           |       |          |                   |
| 4-   |             |  |   |             |           |       |          |                   |
| 5-   |             |  |   |             |           |       |          |                   |
| 6-   |             |  |   |             |           |       |          |                   |
| 7-   |             |  |   |             |           |       |          |                   |
| 8-   |             |  |   |             |           |       |          |                   |
| 9-   |             |  |   |             |           |       |          |                   |
| 10-  |             |  |   |             |           |       |          |                   |
| 11-  |             |  |   |             |           |       |          |                   |
| 12-  |             |  |   |             |           |       |          |                   |
| 13-  |             |  |   |             |           |       |          |                   |
| 14-  |             |  |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |

**Figure 72**



## TEST PIT NO. 72

PROJECT Hitters Subdivision Phase I (Lot 112)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53642.688 North 41111.206 East Elevation: 1815.9

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log                             | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pcf) |
|--|---|---|--|-------------|-----------|-------|----------|-------------------|
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-  | [Shaded area representing soil profile] | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
|  |   | Light brown poorly graded sand with silt  | SP-SM  |             |           | B     | 5.3      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |   |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |   |   | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 73



## TEST PIT NO. 73

PROJECT Hitters Subdivision Phase I (Lot 113)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53664.837 North 41143.115 East      Elevation: 1815.1

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)   | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|---|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|   |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-  |             |  |  |             |           |       |          |                   |  |
| 2-  |             |  |  |             |           |       |          |                   |  |
| 3-  |             |  |  |             |           |       |          |                   |  |
| 4-  |             |  |  |             |           |       |          |                   |  |
| 5-  |             | Light brown silty sand   |  | SM          |           |       |          |                   |  |
| 6-  |             |  |  |             |           |       |          |                   |  |
| 7-  |             |  |  |             |           |       |          |                   |  |
| 8-  |             |  |  |             |           |       |          |                   |  |
| 9-  |             |  |  |             |           |       |          |                   |  |
| 10-   |             |  |  |             |           |       |          |                   |  |
| 11-   |             |  |  |             |           |       |          |                   |  |
| 12-   |             | Brown clayey sand  |  | SC          |           |       | B        | 23.5              |  |
| 13-   |             | Light brown silty sand   |  | SM          |           |       |          |                   |  |
| 14-   |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.<br>NOTES: Groundwater not encountered. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core<br>End of trench at 13.5 feet |             |           |       |          |                   |  |

Figure 74



# TEST PIT NO. 74

PROJECT Hitters Subdivision Phase I (Lot 113)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53619.563 North 41164.403 East Elevation: 1815.5

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type*    | Moisture    | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|----------|-------------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |          |             |                   |
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-  |             | <p>Light brown silty sand</p> <p>Brown clayey sand</p> <p>Light brown silty sand</p>  | <p>SM</p> <p>SC</p> <p>SM</p>   |             |           | <p>B</p> | <p>21.7</p> |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |          |             |                   |

**Figure 75**



# TEST PIT NO. 75

PROJECT Hitters Subdivision Phase I (Lot 114)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53643.801 North 41182.560 East Elevation: 1815.2

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |  |
| 1-   |             | Brown clayey sand  | SC  |             |           | B     | 19.4     |                   |  |
| 2-   |             |  |   |             |           |       |          |                   |  |
| 3-   |             | Light brown silty sand   | SM  |             |           |       |          |                   |  |
| 4-   |             |  |   |             |           |       |          |                   |  |
| 5-   |             |  |   |             |           |       |          |                   |  |
| 6-   |             |  |   |             |           |       |          |                   |  |
| 7-   |             | Brown clayey sand  | SC  |             |           |       | B        | 19.6              |  |
| 8-   |             |  |   |             |           |       |          |                   |  |
| 9-   |             |  |   |             |           |       |          |                   |  |
| 10-  |             | Light brown silty sand   | SM  |             |           |       |          |                   |  |
| 11-  |             |  |   |             |           |       |          |                   |  |
| 12-  |             |  |   |             |           |       |          |                   |  |
| 13-  |             |  |   |             |           |       |          |                   |  |
| 14-  |             |  |   |             |           |       |          |                   |  |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 13.5 feet</p> |             |           |       |          |                   |  |

Figure 76



## TEST PIT NO. 76

PROJECT Hitters Subdivision Phase I (Lot 114)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53682.458 North 41167.378 East      Elevation: 1814.6

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |                        |    |   |      |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|------------------------|----|---|------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |                        |    |   |      |
| 1-   |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 2-   |             |  |  |             |           |       |          |                   | Light brown silty sand | SM |   |      |
| 3-   |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 4-   |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 5-   |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 6-   |             |  |  |             |           |       |          |                   | Brown clayey sand      | SC | B | 17.1 |
| 7-   |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 8-   |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 9-   |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 10-  |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 11-  |             |  |  |             |           |       |          |                   | Light brown silty sand | SM |   |      |
| 12-  |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 13-  |             |  |  |             |           |       |          |                   |                        |    |   |      |
| 14-  |             |  |  |             |           |       |          |                   |                        |    |   |      |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |                        |    |   |      |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |                        |    |   |      |

Figure 77



## TEST PIT NO. 77

PROJECT Hitters Subdivision Phase I (Lot 115)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53679.609 North 41197.542 East      Elevation: 1814.9

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             | Brown clay   | CL   |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 78



## TEST PIT NO. 78

PROJECT Hitters Subdivision Phase I (Lot 115)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53644.792 North 41212.876 East      Elevation: 1814.6

JOB # 138-61  
 DATE TRENCHED 24-Apr-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             |  |  |             |           |       |          |                   |
| 5-   |             | Brown clayey sand  | SC   |             |           | B     | 23.0     |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             | Light brown silty sand   | SM   |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 13.5 feet   |             |           |       |          |                   |

Figure 79





## TEST PIT NO. 79

PROJECT Hitters Subdivision Phase I (Lot 116)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53652.420 North 41217.800 East Elevation: 1815.4

JOB # 138-61

DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type*             | Moisture               | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------------------|------------------------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |                   |                        |                   |
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-  |             | <p>Brown clayey sand</p> <p>Light brown poorly graded sand with silt</p>  | <p>SC</p> <p>SP-SM</p>  |             |           | <p>B</p> <p>B</p> | <p>20.4</p> <p>1.8</p> |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |                   |                        |                   |

**Figure 80**



# TEST PIT NO. 80

PROJECT Hitters Subdivision Phase I (Lot 116)  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 53690.204 North 41194.197 East Elevation: 1815.7

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Brown clayey sand   | SC  |             |           | B     | 18.3     |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             | Light brown poorly graded sand with silt  | SP-SM   |             |           | B     | 2.0      |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             |   |   |             |           |       |          |                   |
| 7-   |             |   |   |             |           |       |          |                   |
| 8-   |             |   |   |             |           |       |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             |   |   |             |           |       |          |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             |   |   |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 13.5 feet</p> |             |           |       |          |                   |

**Figure 81**



# TEST PIT NO. 81

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 2+00 (15' RT) - Banks Court (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|
| 1-   |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 2-   |             |   |   |             |           |       |          |                   |
| 3-   |             | Light brown poorly graded sand with silt  | SP-SM   |             |           | B     | 8.4      |                   |
| 4-   |             |   |   |             |           |       |          |                   |
| 5-   |             |   |   |             |           |       |          |                   |
| 6-   |             |   |   |             |           |       |          |                   |
| 7-   |             |   |   |             |           |       |          |                   |
| 8-   |             |   |   |             |           |       |          |                   |
| 9-   |             |   |   |             |           |       |          |                   |
| 10-  |             |   |   |             |           |       |          |                   |
| 11-  |             |   |   |             |           |       |          |                   |
| 12-  |             |   |   |             |           |       |          |                   |
| 13-  |             |   |   |             |           |       |          |                   |
| 14-  |             |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 10.0 feet</p> |             |           |       |          |                   |

**Figure 82**



# TEST PIT NO. 82

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 2+00 (20' LT) - Banks Court (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown silty sand   | SM  |             |           |       |          |                   |
| 2-   |             |  |   |             |           |       |          |                   |
| 3-   |             |  |   |             |           |       |          |                   |
| 4-   |             |  |   |             |           |       |          |                   |
| 5-   |             |  |   |             |           |       |          |                   |
| 6-   |             |  |   |             |           |       |          |                   |
| 7-   |             |  |   |             |           |       |          |                   |
| 8-   |             |  |   |             |           |       |          |                   |
| 9-   |             |  |   |             |           |       |          |                   |
| 10-  |             |  |   |             |           |       |          |                   |
| 11-  |             |  |   |             |           |       |          |                   |
| 12-  |             |  |   |             |           |       |          |                   |
| 13-  |             |  |   |             |           |       |          |                   |
| 14-  |             |  |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 10.0 feet</p> |             |           |       |          |                   |

Figure 83



## TEST PIT NO. 83

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 1+50 (C/L) - Banks Court (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-  | Graphic Log | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
|  |             | Light brown poorly graded sand with silt  | SP-SM  |             |           | B     | 3.7      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 10.0 feet   |             |           |       |          |                   |

Figure 84



# TEST PIT NO. 84

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 3+00 (20' RT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions<br>The following is a summary of subsurface conditions encountered at the time of exploration.<br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-  |             | Light brown silty sand  | SM   |             |           | B     | 2.8      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 10.0 feet   |             |           |       |          |                   |

**Figure 85**



# TEST PIT NO. 85

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 4+00 (20' LT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log                    | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|--------------------------------|---|---|-------------|-----------|-------|----------|-------------------|
|  |                                | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   | Brown clayey sand              |   | SC  |             |           | B     | 21.0     |                   |
| 2-   |                                |   |   |             |           |       |          |                   |
| 3-   | Light brown poorly graded sand |   | SP  |             |           | B     | 2.8      |                   |
| 4-   |                                |   |   |             |           |       |          |                   |
| 5-   |                                |   |   |             |           |       |          |                   |
| 6-   |                                |   |   |             |           |       |          |                   |
| 7-   |                                |   |   |             |           |       |          |                   |
| 8-   |                                |   |   |             |           |       |          |                   |
| 9-   |                                |   |   |             |           |       |          |                   |
| 10-  |                                |   |   |             |           |       |          |                   |
| 11-  |                                |   |   |             |           |       |          |                   |
| 12-  |                                |   |   |             |           |       |          |                   |
| 13-  |                                |   |   |             |           |       |          |                   |
| 14-  |                                |   |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |                                |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 11.0 feet</p> |             |           |       |          |                   |

**Figure 86**



## TEST PIT NO. 86

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 5+00 (20' RT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log                           | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|---------------------------------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | [Shaded area from 0 to 12 feet depth] | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> <p style="margin-top: 20px;">Light brown poorly graded sand with silt</p> | SP-SM  |             |           | B     | 2.3      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |                                       |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |                                       |   | End of trench at 12.0 feet   |             |           |       |          |                   |

Figure 87





# TEST PIT NO. 87

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 6+00 (20' LT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|---|---|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |  |
| 1-   |             |   |   |             |           |       |          |                   |  |
| 2-   |             |   |   |             |           |       |          |                   |  |
| 3-   |             |   |   |             |           |       |          |                   |  |
| 4-   |             |   |   |             |           |       |          |                   |  |
| 5-   |             |   |   |             |           |       |          |                   |  |
| 6-   |             |   |   |             |           |       |          |                   |  |
| 7-   |             |   |   |             |           |       |          |                   |  |
| 8-   |             |   |   |             |           |       |          |                   |  |
| 9-   |             |   | Light brown poorly graded sand  | SP          |           |       | B        | 3.7               |  |
| 10-  |             |   |   |             |           |       |          |                   |  |
| 11-  |             |   |   |             |           |       |          |                   |  |
| 12-  |             |   |   |             |           |       |          |                   |  |
| 13-  |             |   |   |             |           |       |          |                   |  |
| 14-  |             |   |   |             |           |       |          |                   |  |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> <p>End of trench at 12.0 feet</p> |             |           |       |          |                   |  |

**Figure 88**



# TEST PIT NO. 88

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 7+00 (20' RT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|---|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |   |             |           |       |          |                   |
| 1-   |             | Light brown poorly graded sand   | SP  |             |           | B     | 3.9      |                   |
| 2-   |             |  |   |             |           |       |          |                   |
| 3-   |             |  |   |             |           |       |          |                   |
| 4-   |             |  |   |             |           |       |          |                   |
| 5-   |             |  |   |             |           |       |          |                   |
| 6-   |             |  |   |             |           |       |          |                   |
| 7-   |             |  |   |             |           |       |          |                   |
| 8-   |             |  |   |             |           |       |          |                   |
| 9-   |             |  |   |             |           |       |          |                   |
| 10-  |             |  |   |             |           |       |          |                   |
| 11-  |             |  |   |             |           |       |          |                   |
| 12-  |             |  |   |             |           |       |          |                   |
| 13-  |             |  |   |             |           |       |          |                   |
| 14-  |             |  |   |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 12.0 feet</p> |             |           |       |          |                   |

Figure 89



## TEST PIT NO. 89

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 8+00 (20' LT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |  |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|--|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |  |
| 1-   |             |  |  |             |           |       |          |                   |  |
| 2-   |             |  |  |             |           |       |          |                   |  |
| 3-   |             |  |  |             |           |       |          |                   |  |
| 4-   |             |  |  |             |           |       |          |                   |  |
| 5-   |             |  |  |             |           |       |          |                   |  |
| 6-   |             | Light brown poorly graded sand   |  | SP          |           |       | B        | 5.5               |  |
| 7-   |             |  |  |             |           |       |          |                   |  |
| 8-   |             |  |  |             |           |       |          |                   |  |
| 9-   |             |  |  |             |           |       |          |                   |  |
| 10-  |             |  |  |             |           |       |          |                   |  |
| 11-  |             |  |  |             |           |       |          |                   |  |
| 12-  |             |  |  |             |           |       |          |                   |  |
| 13-  |             |  |  |             |           |       |          |                   |  |
| 14-  |             |  |  |             |           |       |          |                   |  |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |  |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 12.0 feet   |             |           |       |          |                   |  |

Figure 90



## TEST PIT NO. 90

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 8+50 (20' RT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|--|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             |  |  |             |           |       |          |                   |
| 2-   |             |  |  |             |           |       |          |                   |
| 3-   |             |  |  |             |           |       |          |                   |
| 4-   |             | Light brown poorly graded sand   | SP   |             |           | B     | 5.3      |                   |
| 5-   |             |  |  |             |           |       |          |                   |
| 6-   |             |  |  |             |           |       |          |                   |
| 7-   |             |  |  |             |           |       |          |                   |
| 8-   |             |  |  |             |           |       |          |                   |
| 9-   |             |  |  |             |           |       |          |                   |
| 10-  |             |  |  |             |           |       |          |                   |
| 11-  |             |  |  |             |           |       |          |                   |
| 12-  |             |  |  |             |           |       |          |                   |
| 13-  |             |  |  |             |           |       |          |                   |
| 14-  |             |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |  | End of trench at 12.0 feet   |             |           |       |          |                   |

Figure 91



# TEST PIT NO. 91

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 2+00 (20' RT) - Williams Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             | Light brown poorly graded sand  | SP   |             |           | B     | 8.4      |                   |
| 2-   |             |   |  |             |           |       |          |                   |
| 3-   |             |   |  |             |           |       |          |                   |
| 4-   |             |   |  |             |           |       |          |                   |
| 5-   |             |   |  |             |           |       |          |                   |
| 6-   |             |   |  |             |           |       |          |                   |
| 7-   |             |   |  |             |           |       |          |                   |
| 8-   |             |   |  |             |           |       |          |                   |
| 9-   |             |   |  |             |           |       |          |                   |
| 10-  |             |   |  |             |           |       |          |                   |
| 11-  |             |   |  |             |           |       |          |                   |
| 12-  |             |   |  |             |           |       |          |                   |
| 13-  |             |   |  |             |           |       |          |                   |
| 14-  |             |   |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 8.0 feet  |             |           |       |          |                   |

**Figure 92**





# TEST PIT NO. 93

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 4+00 (20' RT) - Williams Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions<br>The following is a summary of subsurface conditions encountered at the time of exploration.<br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  |             | Light brown poorly graded sand with silt  | SP-SM  |             |           | B     | 5.4      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 8.0 feet  |             |           |       |          |                   |

**Figure 94**



# TEST PIT NO. 94

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 5+00 (20' LT) - Williams Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions<br>The following is a summary of subsurface conditions encountered at the time of exploration.<br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1-   |             | Light brown poorly graded sand  | SP   |             |           | B     | 6.0      |                   |
| 2-   |             |   |  |             |           |       |          |                   |
| 3-   |             |   |  |             |           |       |          |                   |
| 4-   |             |   |  |             |           |       |          |                   |
| 5-   |             |   |  |             |           |       |          |                   |
| 6-   |             |   |  |             |           |       |          |                   |
| 7-   |             |   |  |             |           |       |          |                   |
| 8-   |             |   |  |             |           |       |          |                   |
| 9-   |             |   |  |             |           |       |          |                   |
| 10-  |             |   |  |             |           |       |          |                   |
| 11-  |             |   |  |             |           |       |          |                   |
| 12-  |             |   |  |             |           |       |          |                   |
| 13-  |             |   |  |             |           |       |          |                   |
| 14-  |             |   |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 8.0 feet  |             |           |       |          |                   |

Figure 95





## TEST PIT NO. 95

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 6+00 (20' RT) - Williams Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log   | Summary of Subsurface Conditions         | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|---|--|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  | The following is a summary of subsurface conditions encountered at the time of exploration.<br><br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | Light brown poorly graded sand with silt | SP-SM  |             |           | B     | 7.6      |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |   |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |   |  | End of trench at 8.0 feet  |             |           |       |          |                   |


Figure 96



# TEST PIT NO. 96

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 7+00 (20' LT) - Williams Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)   | Graphic Log  | USCS Symbol   | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|---|--|---|-------------|-----------|-------|----------|-------------------|
| <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |   |             |           |       |          |                   |
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-   |  <p>Light brown poorly graded sand with silt</p> | SP-SM   |             |           | B     | 5.0      |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p>   |  | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core</p> |             |           |       |          |                   |
| <p>NOTES: Groundwater not encountered.</p>  |  | <p>End of trench at 8.0 feet</p>  |             |           |       |          |                   |

**Figure 97**



## TEST PIT NO. 97

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 8+00 (20' RT) - Williams Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log                              | Summary of Subsurface Conditions   | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|--|--|--|-------------|-----------|-------|----------|-------------------|
|  |  | <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   | Brown clayey sand                        |  | SC   |             |           | B     | 22.8     |                   |
| 2-   |  |  |  |             |           |       |          |                   |
| 3-   | Light brown poorly graded sand with silt |  |  |             |           |       |          |                   |
| 4-   |  |  |  |             |           |       |          |                   |
| 5-   |  |  |  |             |           |       |          |                   |
| 6-   |  | SP-SM  |  |             |           | B     | 2.1      |                   |
| 7-   |  |  |  |             |           |       |          |                   |
| 8-   |  |  |  |             |           |       |          |                   |
| 9-   |  |  |  |             |           |       |          |                   |
| 10-  |  |  |  |             |           |       |          |                   |
| 11-  |  |  |  |             |           |       |          |                   |
| 12-  |  |  |  |             |           |       |          |                   |
| 13-  |  |  |  |             |           |       |          |                   |
| 14-  |  |  |  |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |  |  | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |  |  | End of trench at 8.0 feet  |             |           |       |          |                   |

Figure 98



# TEST PIT NO. 98

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 9+00 (20' LT) - Williams Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 6-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
|  |             | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> |  |             |           |       |          |                   |
| 1-   |             |   |  |             |           |       |          |                   |
| 2-   |             |   |  |             |           |       |          |                   |
| 3-   |             |   |  |             |           |       |          |                   |
| 4-   |             | Light brown poorly graded sand  | SP   |             |           | B     | 3.9      |                   |
| 5-   |             |   |  |             |           |       |          |                   |
| 6-   |             | Red/Brown clay  | CL   |             |           |       |          |                   |
| 7-   |             |   |  |             |           |       |          |                   |
| 8-   |             |   |  |             |           |       |          |                   |
| 9-   |             | Light brown silty sand  | SM   |             |           |       |          |                   |
| 10-  |             |   |  |             |           |       |          |                   |
| 11-  |             |   |  |             |           |       |          |                   |
| 12-  |             |   |  |             |           |       |          |                   |
| 13-  |             |   |  |             |           |       |          |                   |
| 14-  |             |   |  |             |           |       |          |                   |
| <p>The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.</p> <p>NOTES: Groundwater not encountered.</p> |             |   | <p>*SAMPLE TYPES: R= Ring B= Bag<br/>           SPT = Standard Penetration Test C= Core<br/>           End of trench at 9.0 feet</p> |             |           |       |          |                   |

**Figure 99**



# TEST PIT NO. 99

PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 9+00 (20' RT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 27-May-08

| Depth (ft.)  | Graphic Log | Summary of Subsurface Conditions<br>The following is a summary of subsurface conditions encountered at the time of exploration.<br>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions. | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|-------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1—<br>2—<br>3—<br>4—<br>5—<br>6—<br>7—<br>8—<br>9—<br>10—<br>11—<br>12—<br>13—<br>14—  |             | Light brown silty sand  | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |             |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |             |   | End of trench at 6.5 feet  |             |           |       |          |                   |

**Figure 100**



## TEST PIT NO. 100

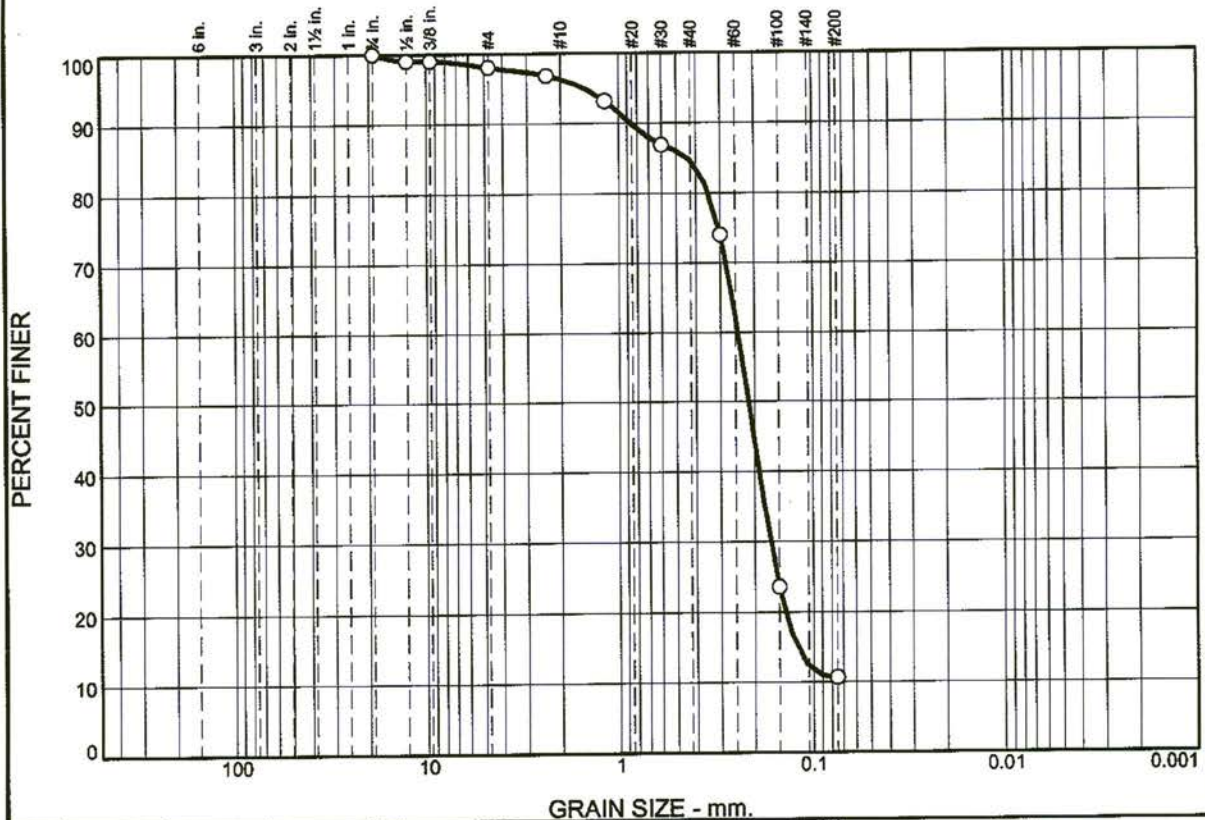
PROJECT Hitters Subdivision Phase I  
 CLIENT RFMS  
 LOGGED BY N. Thomas  
 LOCATION 9+50 (20' LT) - Hall of Fame Way (Roadway)

JOB # 138-61  
 DATE TRENCHED 27-May-08

| Depth (ft.)  | Graphic Log            | Summary of Subsurface Conditions  | USCS Symbol  | Consistency | Blows/Ft. | Type* | Moisture | Dry Density (pct) |
|--|------------------------|---|--|-------------|-----------|-------|----------|-------------------|
| 1-<br>2-<br>3-<br>4-<br>5-<br>6-<br>7-<br>8-<br>9-<br>10-<br>11-<br>12-<br>13-<br>14-  | Ligth brown silty sand | <p><b>Summary of Subsurface Conditions</b></p> <p>The following is a summary of subsurface conditions encountered at the time of exploration.</p> <p>Subsurface conditions may differ at other locations and may vary at this location with the passage of time. The data contained in this log is a simplification of actual conditions.</p> | SM   |             |           |       |          |                   |
| The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. |                        |   | *SAMPLE TYPES: R= Ring B= Bag<br>SPT = Standard Penetration Test C= Core |             |           |       |          |                   |
| NOTES: Groundwater not encountered.  |                        |   | End of trench at 6.5 feet  |             |           |       |          |                   |

Figure 101

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.9  | 1.8    | 11.6   | 74.0 | 10.7    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.0          |                |              |
| 3/8        | 99.0          |                |              |
| #4         | 98.1          |                |              |
| #8         | 96.8          |                |              |
| #16        | 93.1          |                |              |
| #30        | 86.9          |                |              |
| #50        | 74.1          |                |              |
| #100       | 23.6          |                |              |
| #200       | 10.7          |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.4367      D<sub>60</sub>= 0.2433      D<sub>50</sub>= 0.2148  
 D<sub>30</sub>= 0.1662      D<sub>15</sub>= 0.1209      D<sub>10</sub>=  
 C<sub>u</sub>=                  C<sub>c</sub>=

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 4.0

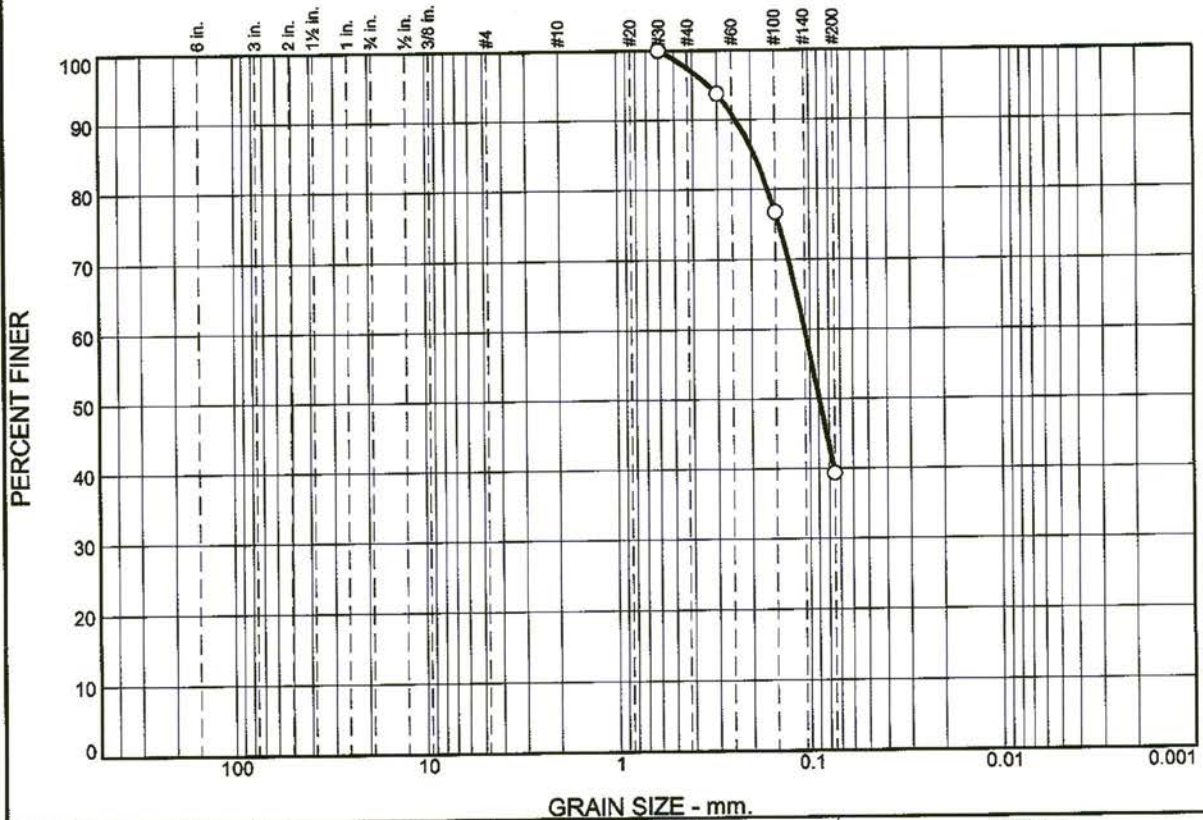
\* (no specification provided)

Sample Number: 1249      Depth: 3'      Date: 4-23-08  
 Location: Test Pit 1 (Lot 139)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 102   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 2.5    | 58.2 | 39.3    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #30        | 100.0         |                |              |
| #50        | 93.8          |                |              |
| #100       | 76.7          |                |              |
| #200       | 39.3          |                |              |

(no specification provided)

**Material Description**

Red clayey sand

**Atterberg Limits**  
 PL= 15      LL= 32      PI= 17

**Coefficients**  
 D<sub>85</sub>= 0.1919      D<sub>60</sub>= 0.1065      D<sub>50</sub>= 0.0895  
 D<sub>30</sub>=                      D<sub>15</sub>=                      D<sub>10</sub>=  
 C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**  
 USCS= SC      AASHTO=

**Remarks**

Moisture: 22.8

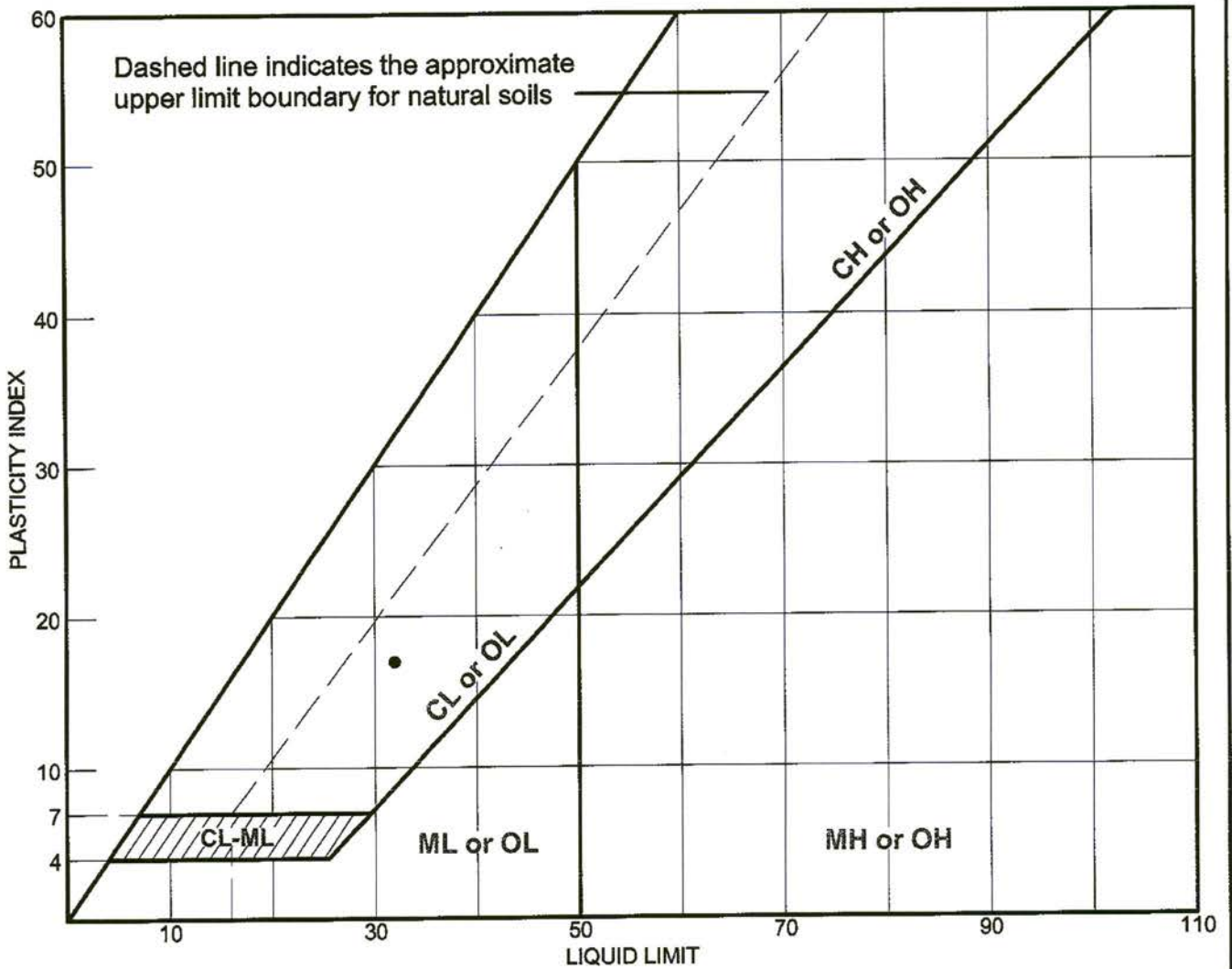
Sample Number: 1244      Depth: 7.5'      Date: 4-23-08  
 Location: Test Pit 1 (Lot 139)

|   |   |
|---|---|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/>                 Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61      Figure 103</p> |
|---|---|

Tested By: K. Gillespie



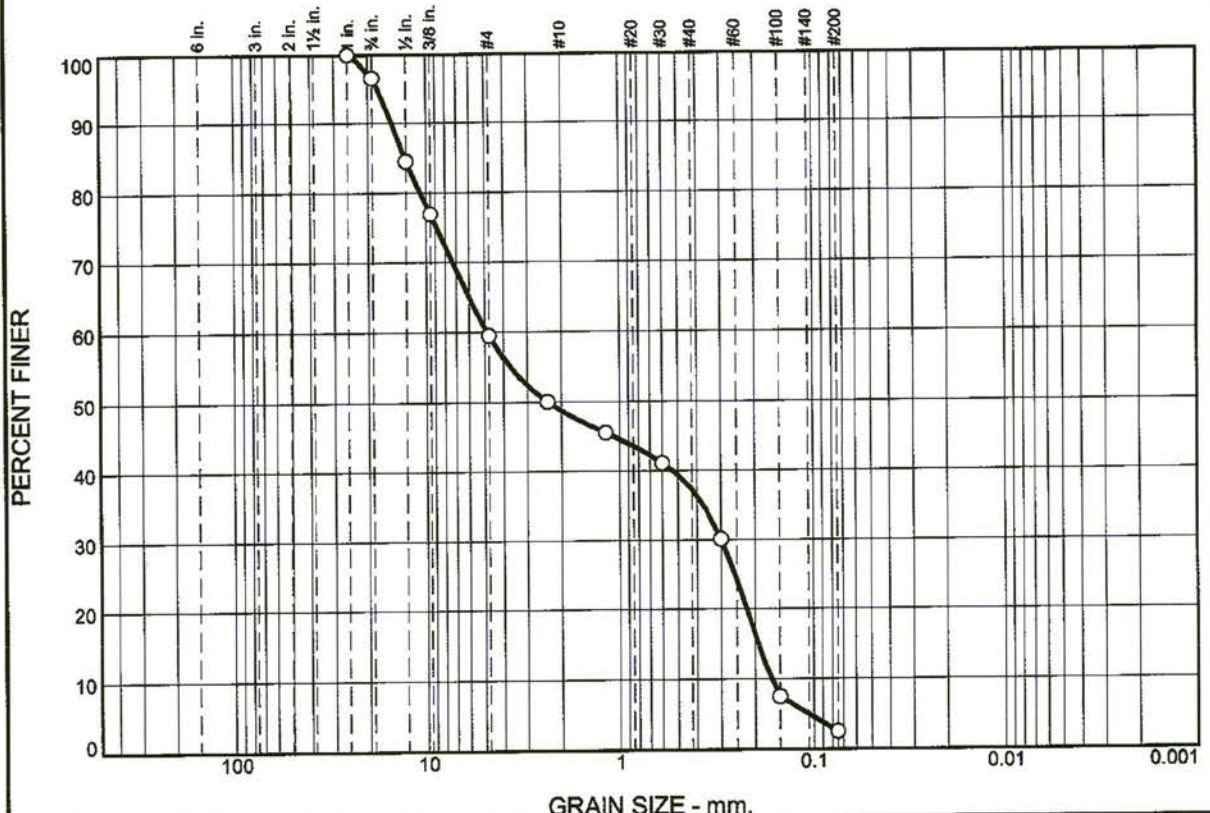
# LIQUID AND PLASTIC LIMITS TEST REPORT



| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1244       | 7.5'        |                           | 15                | 32               | 17                   | SC   |

|  |   |
|--|---|
| LIQUID AND PLASTIC LIMITS TEST REPORT<br><b>Mesquite Material Testing, L.L.C</b><br>Mesquite, NV | Client: RFMS<br>Project: Hitters Subdivision Phase I<br>Project No.: 138-61 |
| <b>Figure 104</b>  |   |

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 3.4      | 37.1 | 10.8   | 11.3   | 34.9 | 2.5     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1"         | 100.0         |                |              |
| 3/4        | 96.6          |                |              |
| 1/2        | 84.5          |                |              |
| 3/8        | 77.0          |                |              |
| #4         | 59.5          |                |              |
| #8         | 50.0          |                |              |
| #16        | 45.5          |                |              |
| #30        | 41.1          |                |              |
| #50        | 30.1          |                |              |
| #100       | 7.5           |                |              |
| #200       | 2.5           |                |              |

**Material Description**

Light brown poorly graded sand with gravel

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 12.9164      D<sub>60</sub>= 4.8599      D<sub>50</sub>= 2.3508  
 D<sub>30</sub>= 0.2989      D<sub>15</sub>= 0.1931      D<sub>10</sub>= 0.1651  
 C<sub>u</sub>= 29.43      C<sub>c</sub>= 0.11

**Classification**

USCS= SP      AASHTO=

**Remarks**

Moisture: 2.7

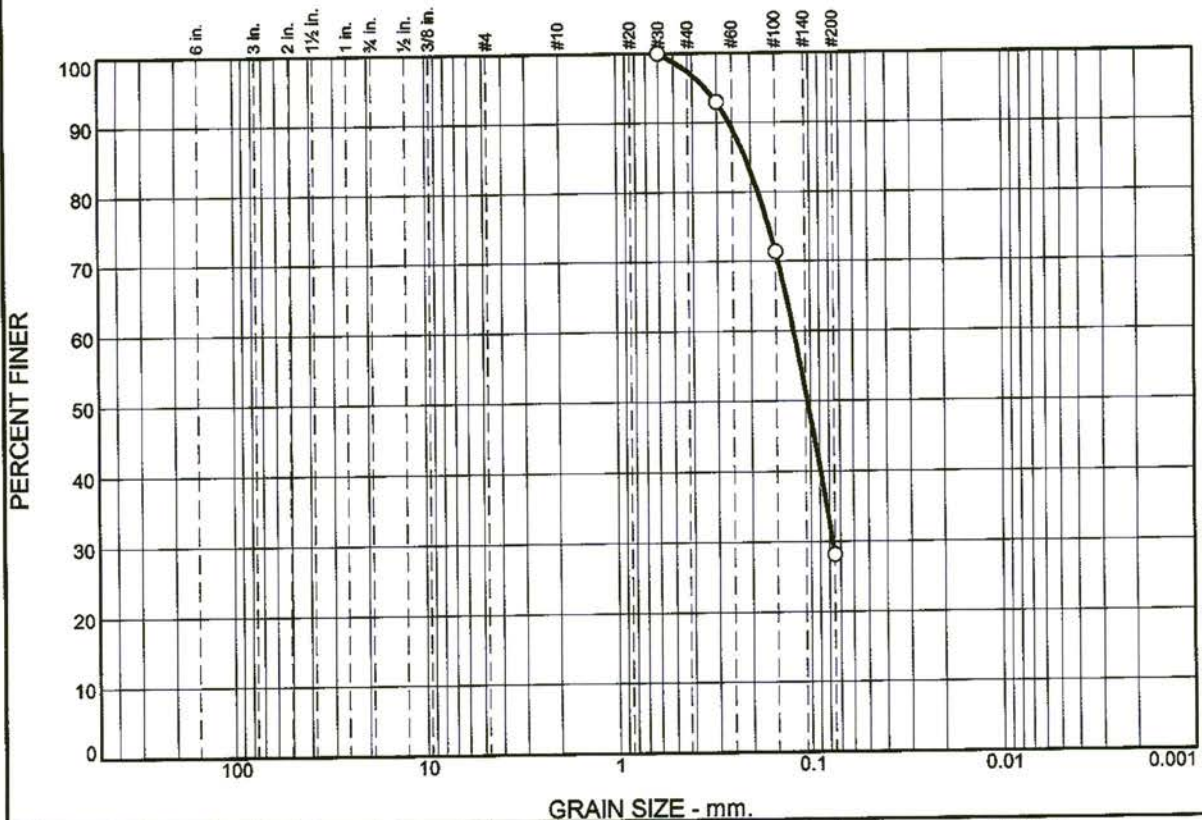
(no specification provided)

Sample Number: 1250      Depth: 6'      Date: 4-23-08  
 Location: Test Pit 4 (Lot 140)

|   |  |
|---|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><div style="text-align: center; font-weight: bold; font-size: 1.2em;">Mesquite, NV</div> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 105 |
|---|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 2.6    | 69.3 | 28.1    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #30        | 100.0         |                |              |
| #50        | 93.0          |                |              |
| #100       | 71.4          |                |              |
| #200       | 28.1          |                |              |

**Material Description**

Red clayey sand

**Atterberg Limits**  
 PL= 13      LL= 21      PI= 8

**Coefficients**  
 D<sub>85</sub>= 0.2129      D<sub>60</sub>= 0.1216      D<sub>50</sub>= 0.1035  
 D<sub>30</sub>= 0.0770      D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=                  C<sub>c</sub>=

**Classification**  
 USCS= SC      AASHTO=

**Remarks**  
 Moisture: 36.9

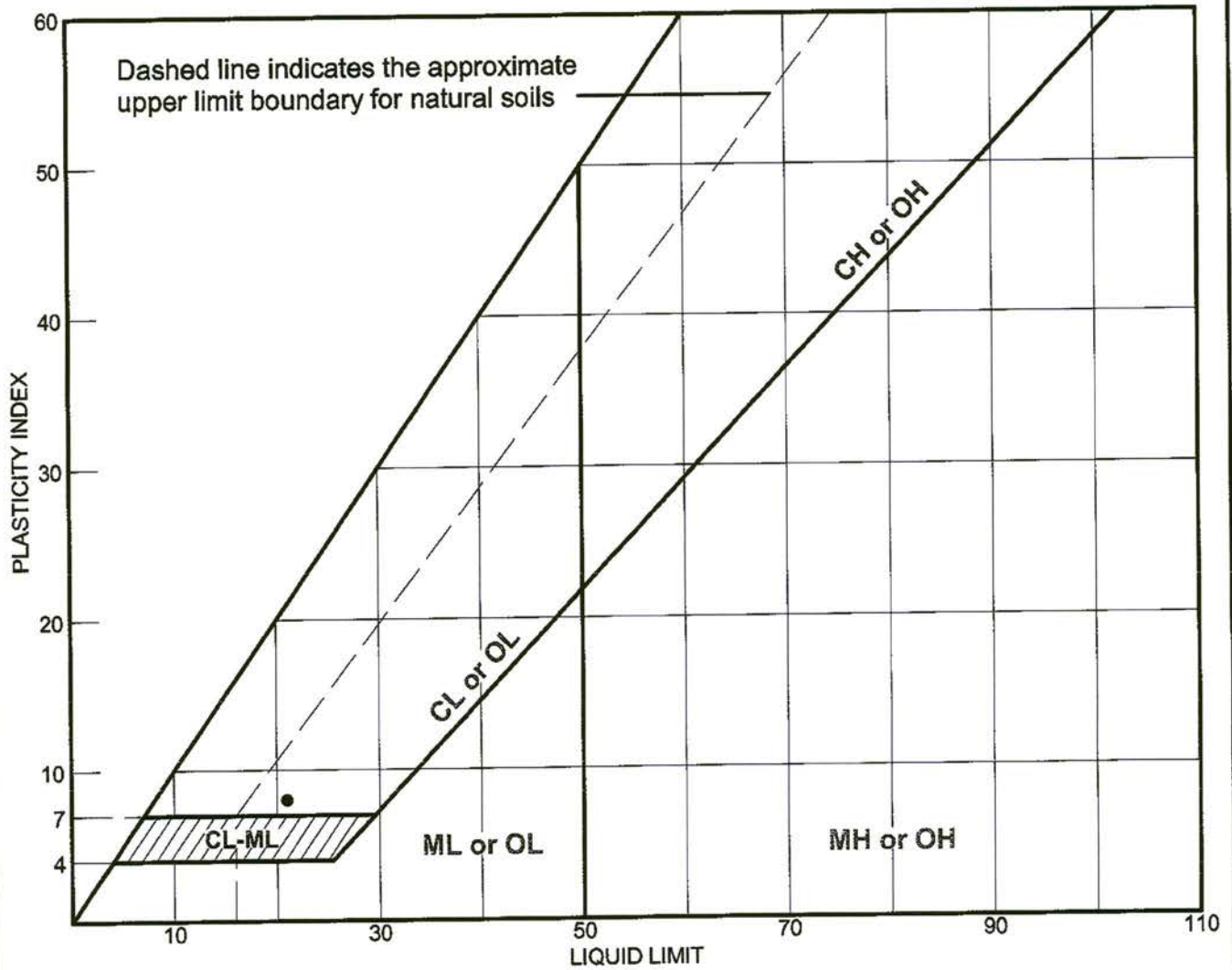
\* (no specification provided)

Sample Number: 1242      Depth: 10.5'      Date: 4-23-08  
 Location: Test Pit 5 (Lot 138)

|   |   |
|---|---|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/>                 Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61      Figure 106</p> |
|---|---|

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



### SOIL DATA

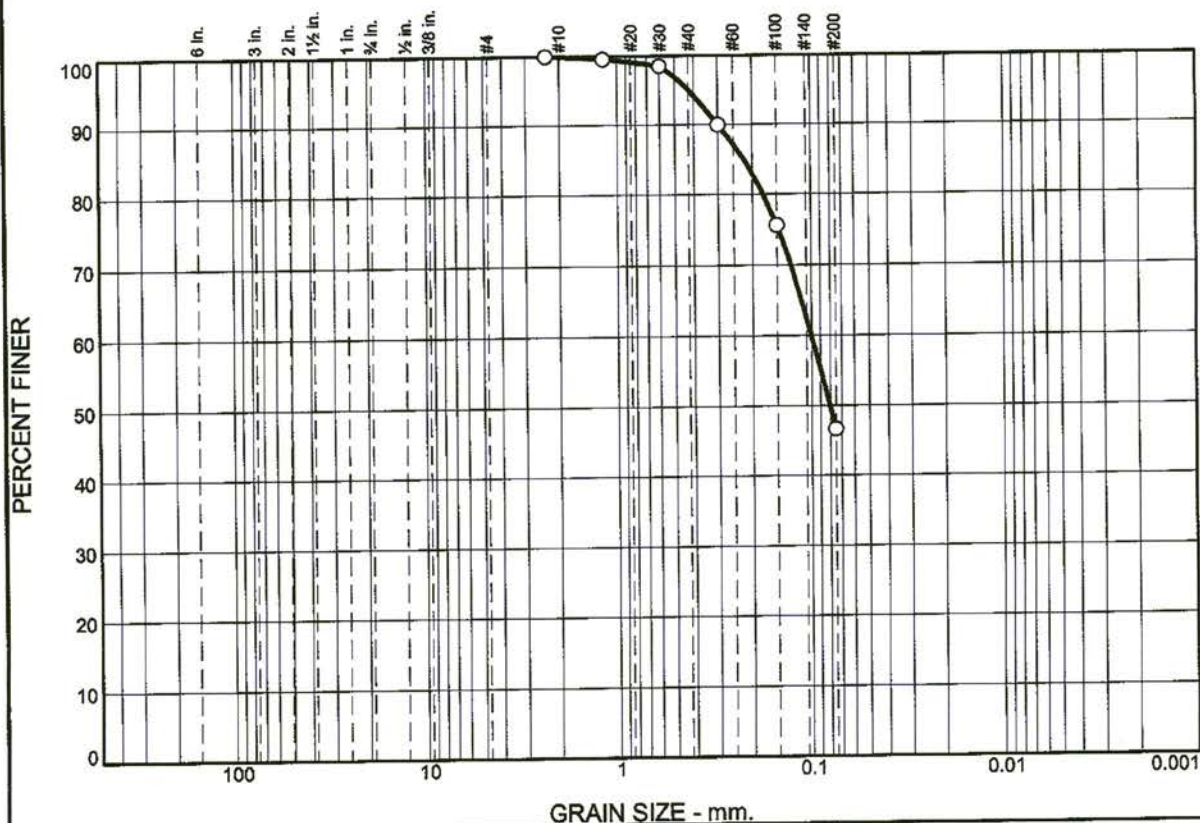
| SYMBOL | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
|--------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| •      |        | 1242       | 10.5'       |                           | 13                | 21               | 8                    | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No.: 138-61

Figure 107

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 5.0    | 48.3 | 46.7    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 99.6          |                |              |
| #30        | 98.5          |                |              |
| #50        | 90.0          |                |              |
| #100       | 75.6          |                |              |
| #200       | 46.7          |                |              |

**Material Description**

Light brown clayey sand

**Atterberg Limits**  
 PL= 9      LL= 37      PI= 28

**Coefficients**  
 D<sub>85</sub>= 0.2217      D<sub>60</sub>= 0.1002      D<sub>50</sub>= 0.0805  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**  
 USCS= SC      AASHTO=

**Remarks**  
 Moisture: 28.0

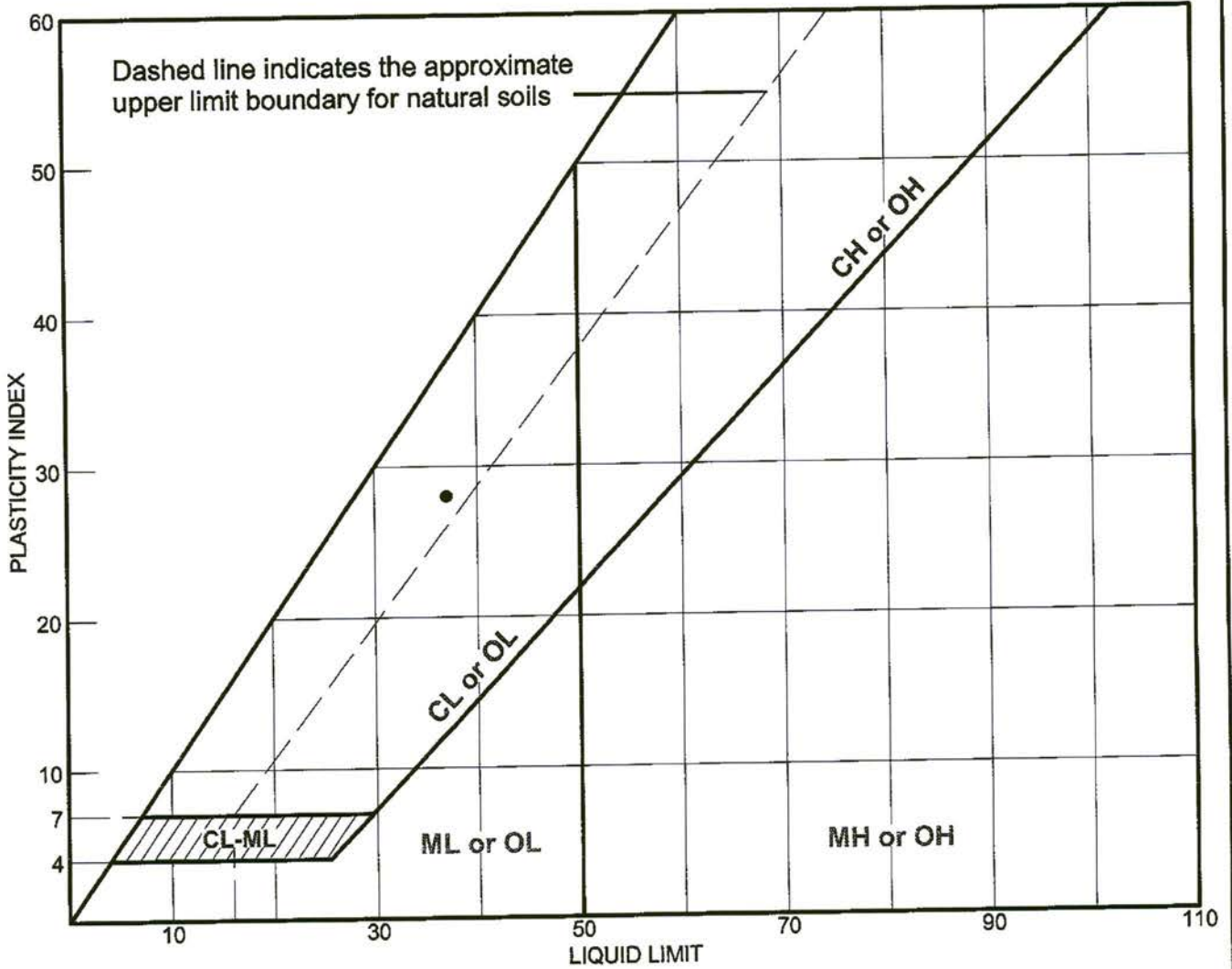
\* (no specification provided)

Sample Number: 1245      Depth: 4'      Date: 4-23-08  
 Location: Test Pit 8 (Lot 137)

|   |  |            |
|---|--|------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS<br>Project: Hitters Subdivision Phase I |            |
| <b>Mesquite, NV</b>                     | Project No: 138-61                                   | Figure 108 |

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



### SOIL DATA

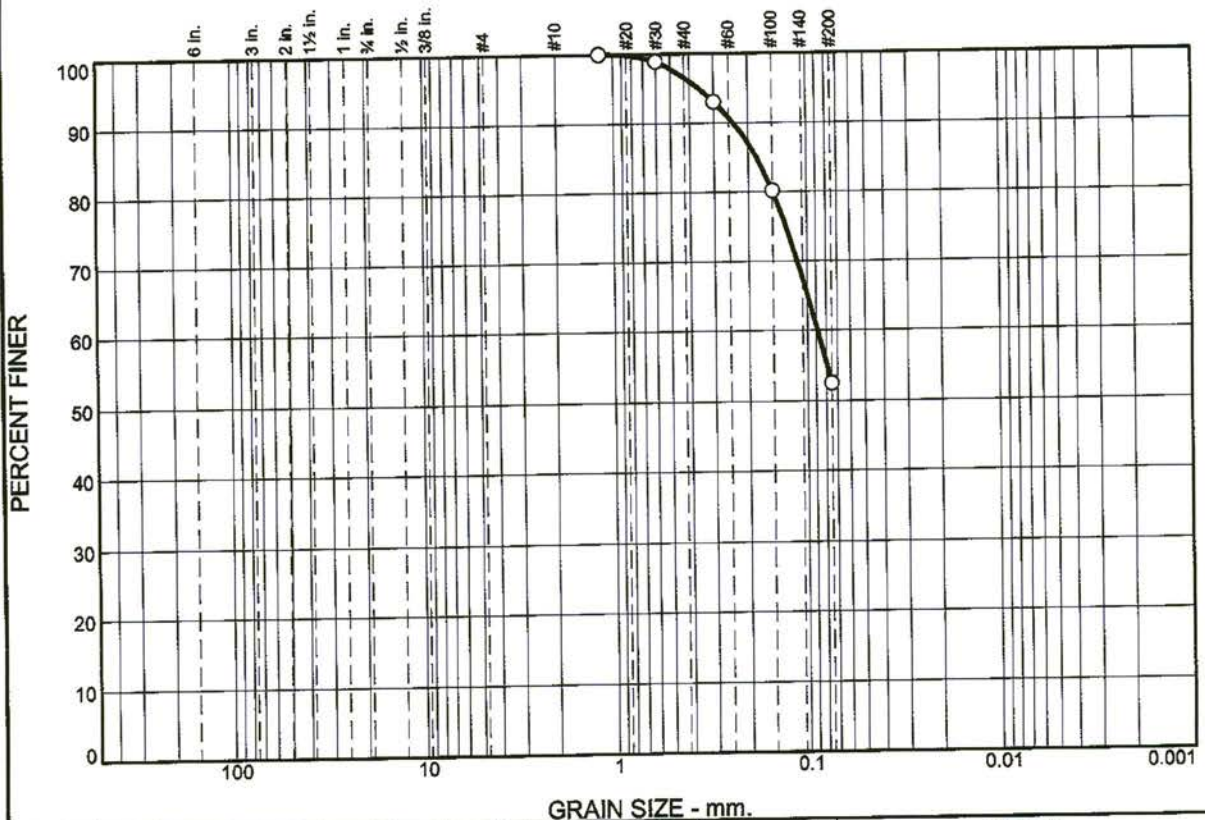
| SYMBOL | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
|--------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| •      |        | 1245       | 4'          |                           | 9                 | 37               | 28                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

**Figure 109**

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 3.3    | 44.2 | 52.5    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #16        | 100.0         |                |              |
| #30        | 98.9          |                |              |
| #50        | 93.1          |                |              |
| #100       | 80.2          |                |              |
| #200       | 52.5          |                |              |

**Material Description**

Light green sandy lean clay

**Atterberg Limits**  
 PL= 19      LL= 41      PI= 22

**Coefficients**  
 D<sub>85</sub>= 0.1806      D<sub>60</sub>= 0.0887      D<sub>50</sub>=  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**  
 USCS= CL      AASHTO=

**Remarks**  
 Moisture: 20.7

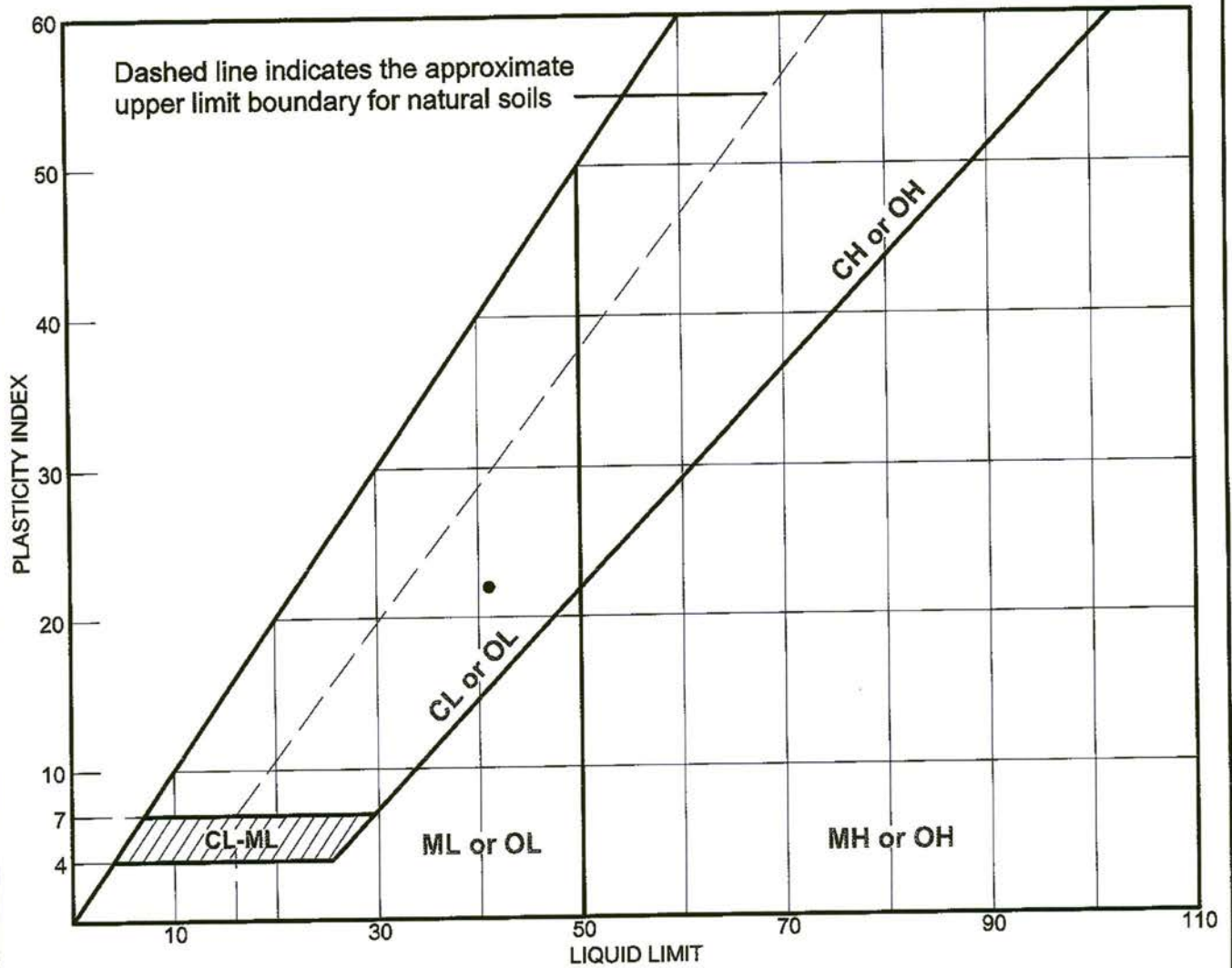
(no specification provided)

Sample Number: 1246      Depth: 6'      Date: 4-23-08  
 Location: Test Pit 8 (Lot 137)

|   |   |
|---|---|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/>                 Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61      Figure 110</p> |
|---|---|

Tested By: K. Gillespie

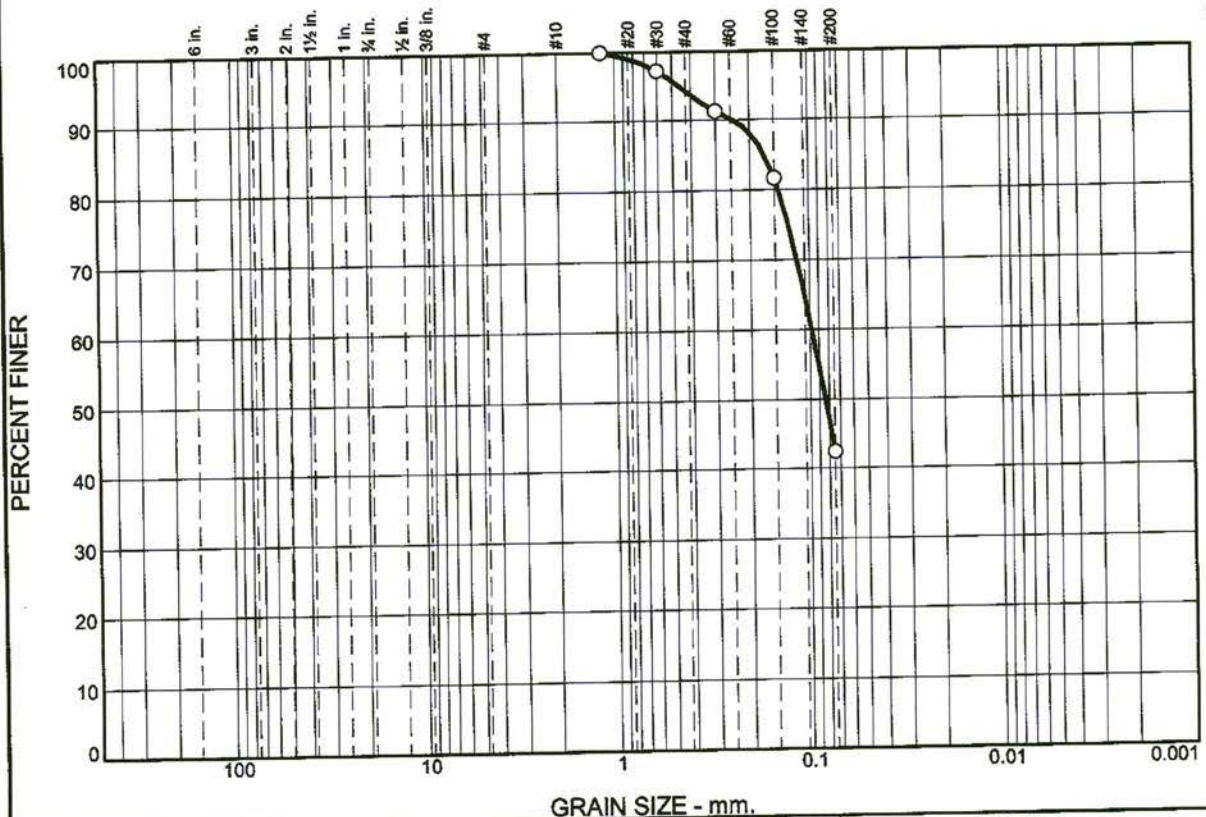
# LIQUID AND PLASTIC LIMITS TEST REPORT



| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1246       | 6'          |                           | 19                | 41               | 22                   | CL   |



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 5.8    | 51.8 | 42.4    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #16        | 100.0         |                |              |
| #30        | 97.2          |                |              |
| #50        | 91.3          |                |              |
| #100       | 81.6          |                |              |
| #200       | 42.4          |                |              |

**Material Description**

Dark brown clayey sand

**Atterberg Limits**  
 PL= 12      LL= 32      PI= 20

**Coefficients**  
 D<sub>85</sub>= 0.1684      D<sub>60</sub>= 0.0978      D<sub>50</sub>= 0.0839  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**  
 USCS= SC      AASHTO=

**Remarks**  
 Moisture: 23.6

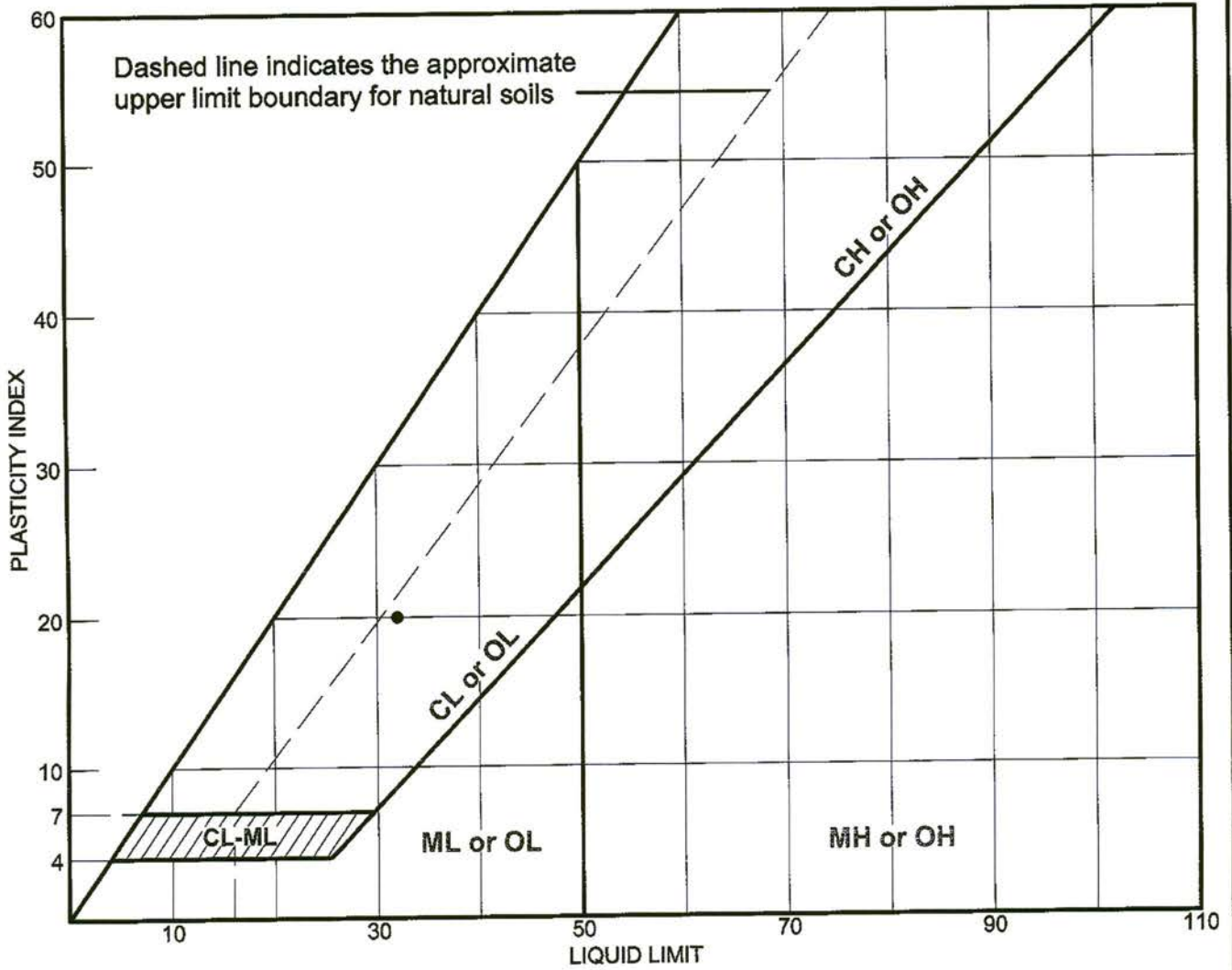
\* (no specification provided)

Sample Number: 1243      Depth: 9'      Date: 4-23-08  
 Location: Test Pit 8 (Lot 137)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 112   |

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



### SOIL DATA

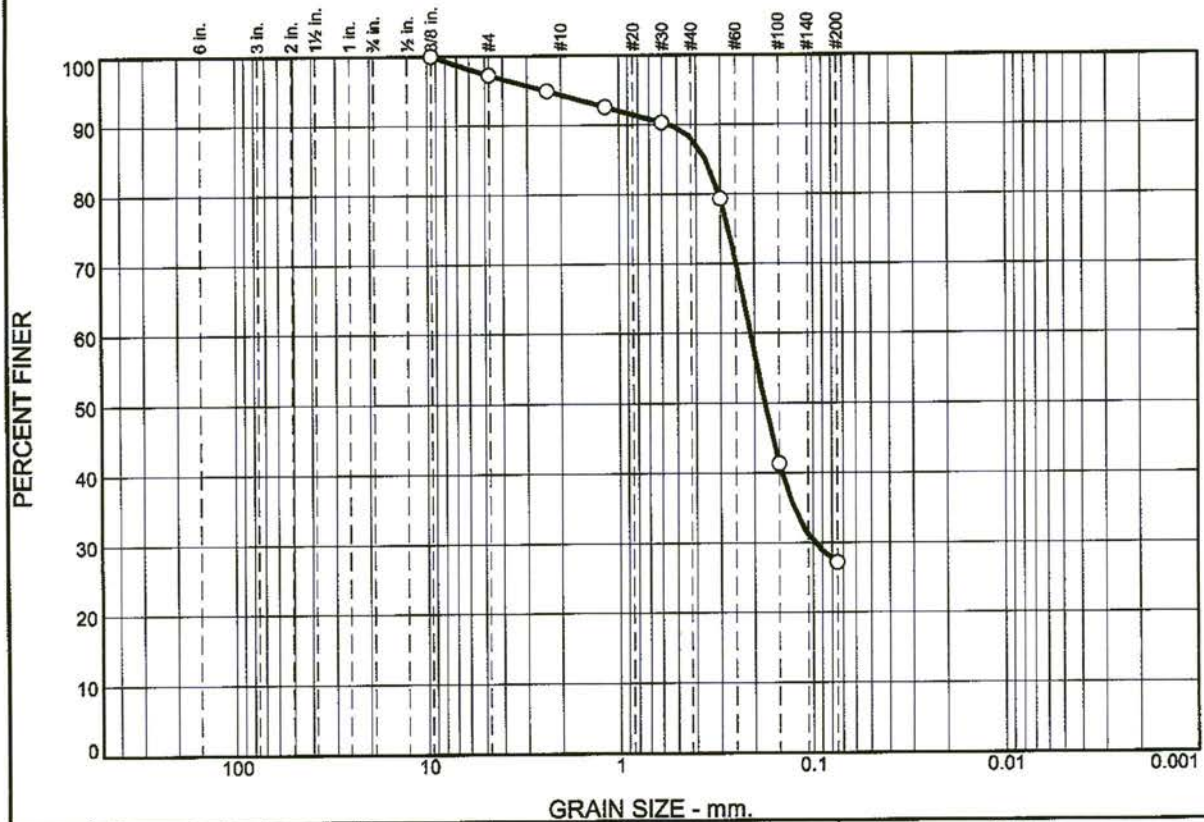
| SYMBOL | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
|--------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| •      |        | 1243       | 9'          |                           | 12                | 32               | 20                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

Figure 113

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.7  | 2.9    | 6.3    | 60.9 | 27.2    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 97.3          |                |              |
| #8         | 94.9          |                |              |
| #16        | 92.6          |                |              |
| #30        | 90.3          |                |              |
| #50        | 79.3          |                |              |
| #100       | 41.4          |                |              |
| #200       | 27.2          |                |              |

**Material Description**

Light brown silty sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3576      D<sub>60</sub>= 0.2101      D<sub>50</sub>= 0.1777  
D<sub>30</sub>= 0.0982      D<sub>15</sub>=              D<sub>10</sub>=  
C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**

USCS= SM      AASHTO=

**Remarks**

Moisture: 6.4

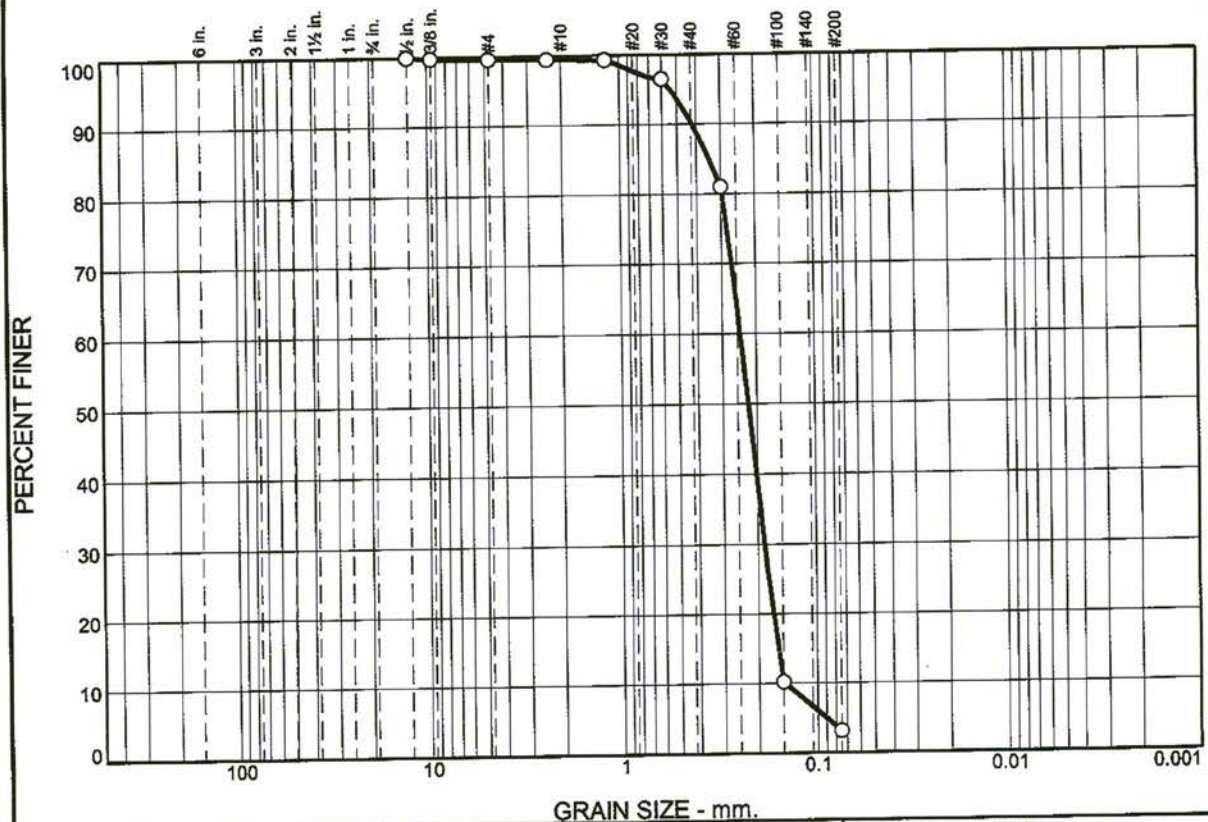
\* (no specification provided)

Sample Number: 1248      Depth: 12'      Date: 4-23-08  
Location: Test Pit 8 (Lot 137)

|  |  |
|--|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><b>Mesquite, NV</b> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 114 |
|--|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.4  | 0.2    | 9.0    | 87.3 | 3.1     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.8          |                |              |
| #4         | 99.6          |                |              |
| #8         | 99.5          |                |              |
| #16        | 99.3          |                |              |
| #30        | 96.5          |                |              |
| #50        | 81.0          |                |              |
| #100       | 10.2          |                |              |
| #200       | 3.1           |                |              |

**Material Description**

Light brown poorly graded sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3434      D<sub>60</sub>= 0.2414      D<sub>50</sub>= 0.2212  
D<sub>30</sub>= 0.1858      D<sub>15</sub>= 0.1595      D<sub>10</sub>= 0.1471  
C<sub>u</sub>= 1.64      C<sub>c</sub>= 0.97

**Classification**

USCS= SP      AASHTO=

**Remarks**

Moisture: 2.1

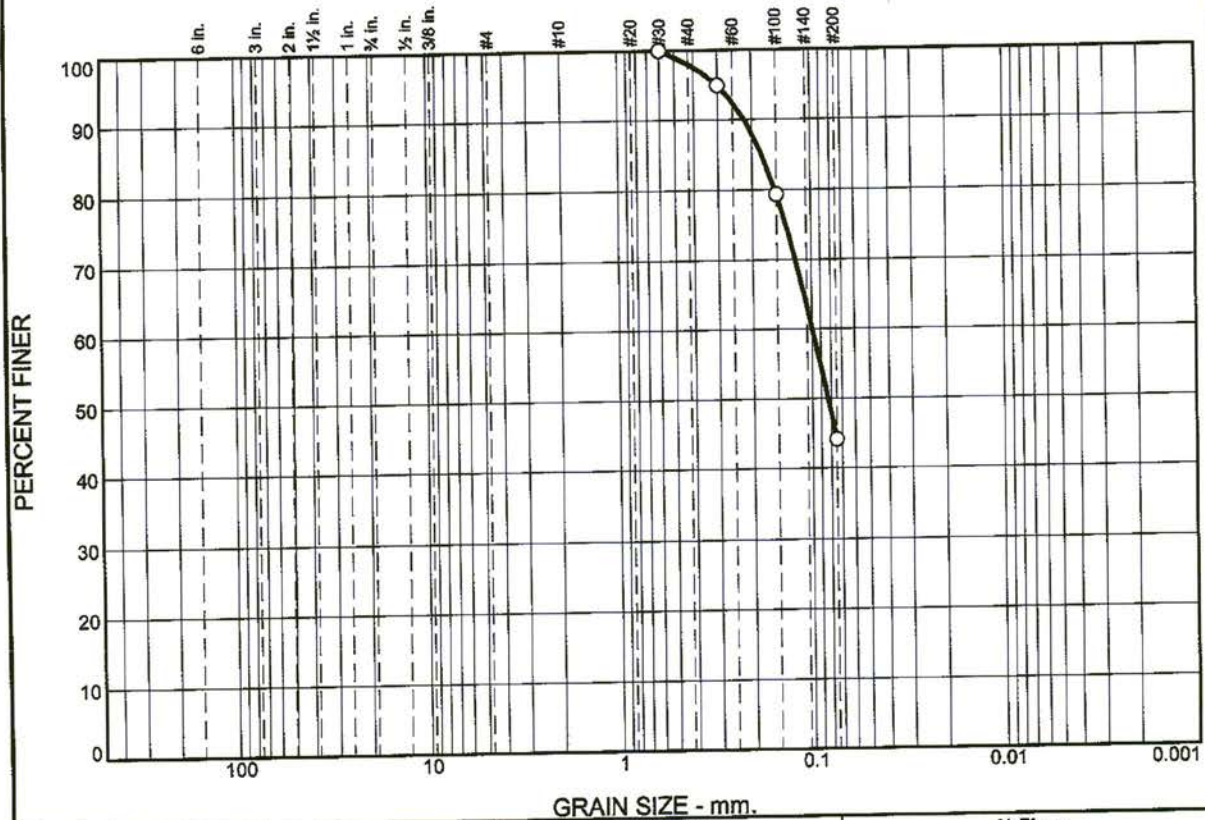
(no specification provided)

Sample Number: 1247      Depth: 1.5'      Date: 4-23-08  
Location: Test Pit 16 (Lot 133)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 115   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 2.0    | 53.9 | 44.1    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #30        | 100.0         |                |              |
| #50        | 94.9          |                |              |
| #100       | 79.3          |                |              |
| #200       | 44.1          |                |              |

**Material Description**

Dark brown clayey sand

**Atterberg Limits**

PL= 16      LL= 28      PI= 12

**Coefficients**

D<sub>85</sub>= 0.1779      D<sub>60</sub>= 0.0994      D<sub>50</sub>= 0.0831  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=                C<sub>c</sub>=

**Classification**

USCS= SC              AASHTO=

**Remarks**

Moisture: 20.2

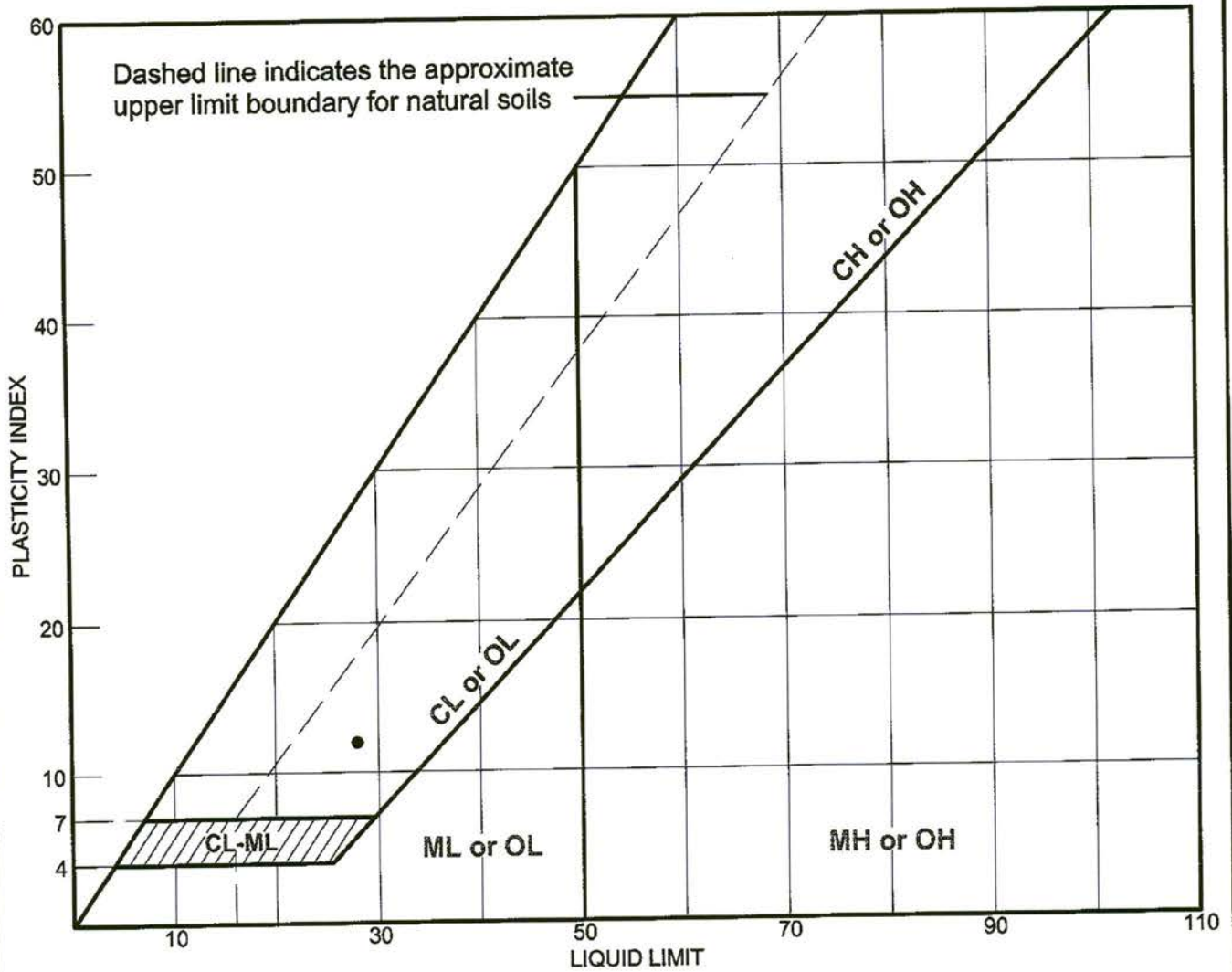
(no specification provided)

Sample Number: 1251      Depth: 8.5'      Date: 4-23-08  
 Location: Test Pit 36 (Lot 123)

|   |  |
|---|--|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center;"><b>Mesquite, NV</b></p> | <p>Client: RFMS</p> <p>Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61</p> <p style="text-align: right;">Figure 116</p> |
|---|--|

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



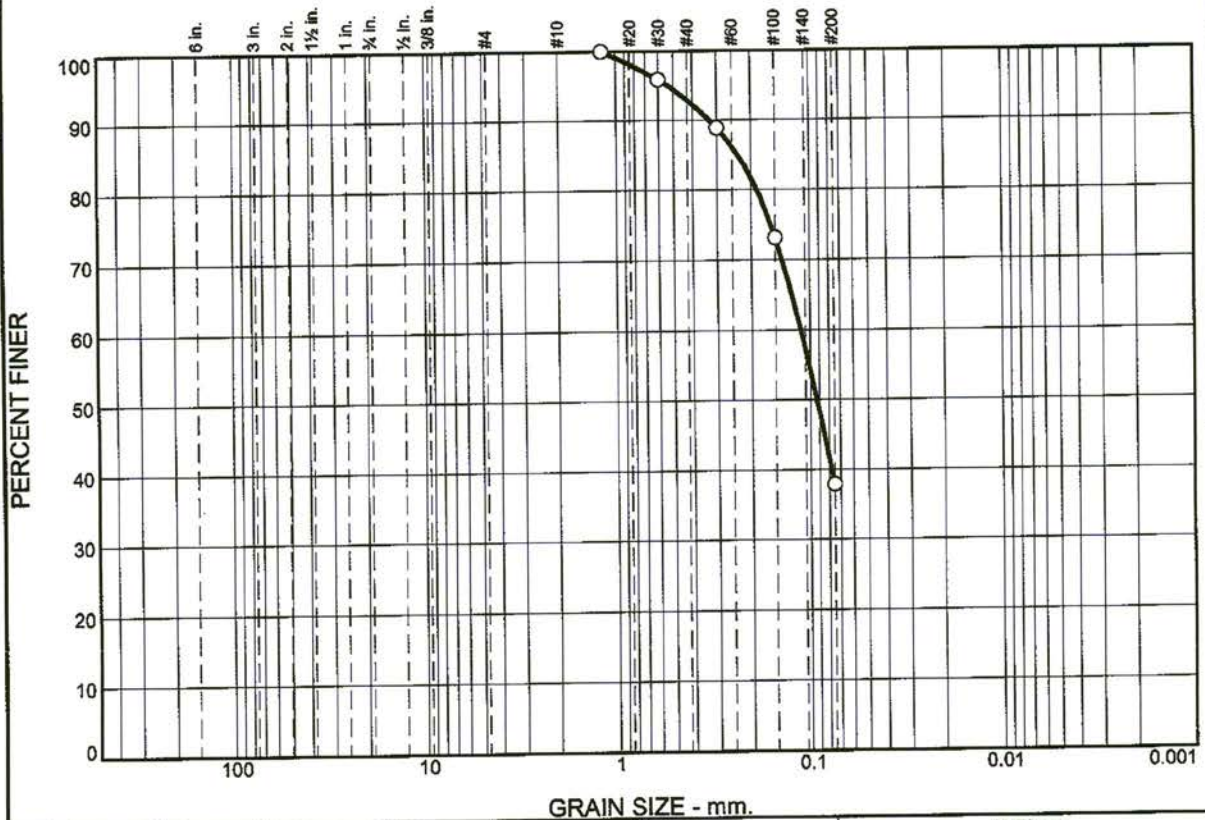
| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1251       | 8.5'        |                           | 16                | 28               | 12                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No.: 138-61

Figure 117

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 7.1    | 55.0 | 37.9    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #16        | 100.0         |                |              |
| #30        | 95.9          |                |              |
| #50        | 88.9          |                |              |
| #100       | 73.1          |                |              |
| #200       | 37.9          |                |              |

**Material Description**

Dark red clayey sand

**Atterberg Limits**

PL= 11      LL= 32      PI= 21

**Coefficients**

D<sub>85</sub>= 0.2336      D<sub>60</sub>= 0.1119      D<sub>50</sub>= 0.0928  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=                  C<sub>c</sub>=

**Classification**

USCS= SC                  AASHTO=

**Remarks**

Moisture: 22.5

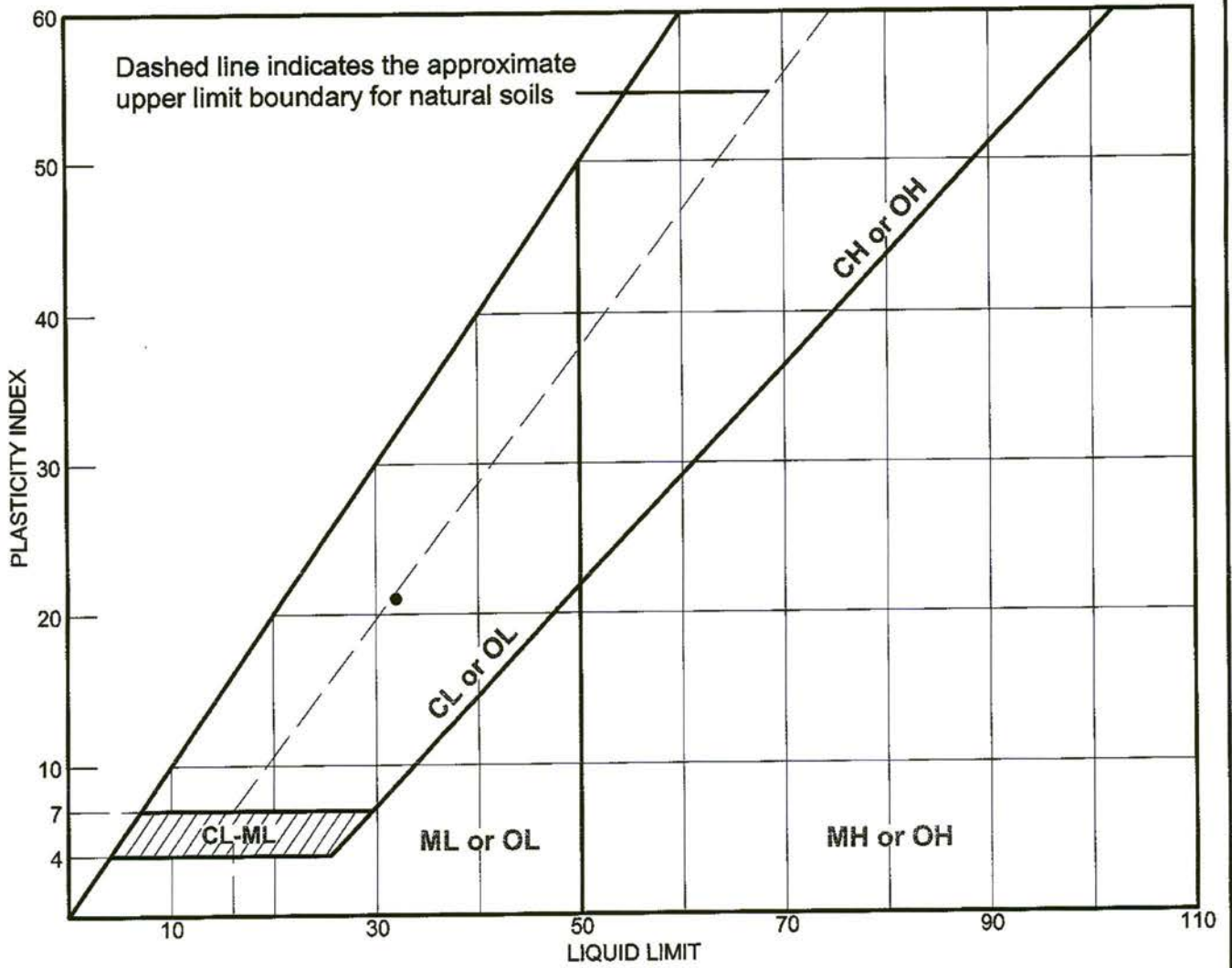
\* (no specification provided)

Sample Number: 1252      Depth: 1'      Date: 6-8-08  
 Location: Test Pit 37 (Lot 122)

|   |  |
|---|--|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/>                 Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61</p> <p style="text-align: right;">Figure 118</p> |
|---|--|

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1252       | 1'          |                           | 11                | 32               | 21                   | SC   |

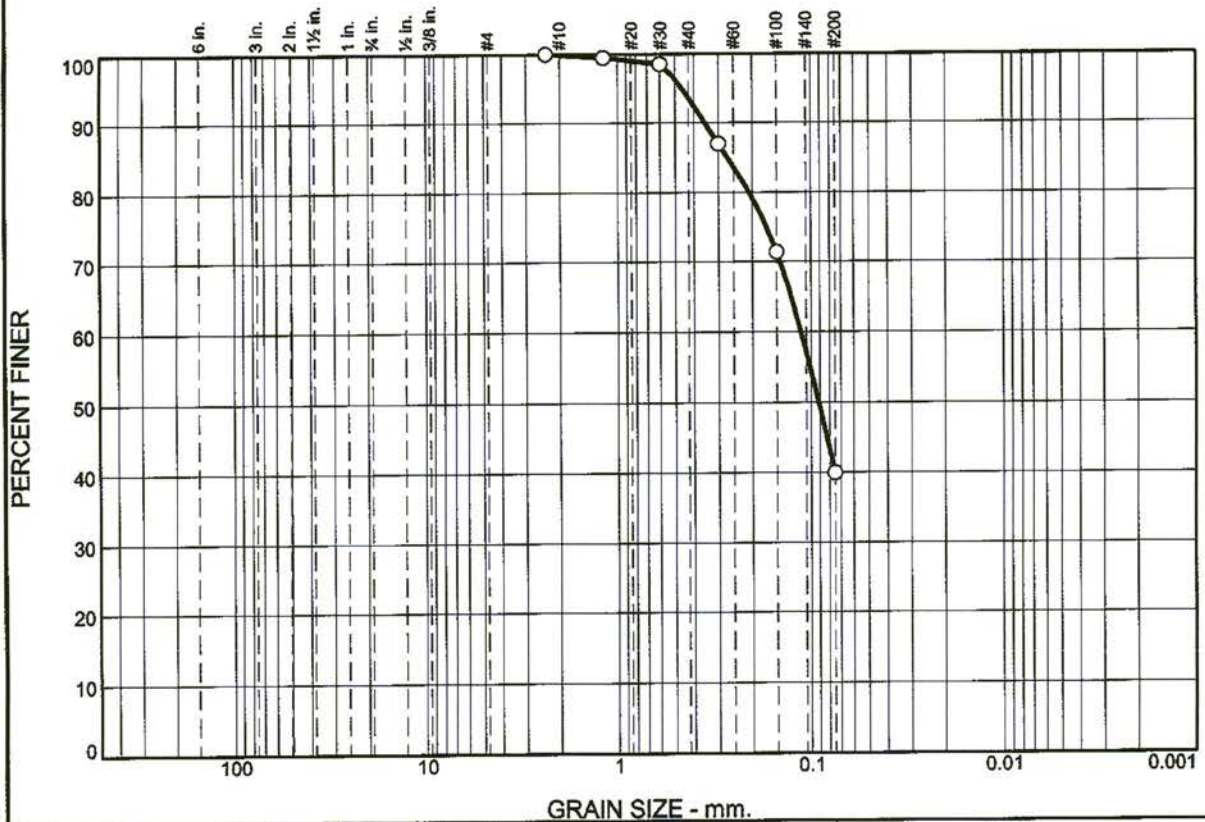
LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No.: 138-61

Figure 1 19



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.1    | 6.3    | 53.6 | 40.0    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 99.5          |                |              |
| #30        | 98.5          |                |              |
| #50        | 87.0          |                |              |
| #100       | 71.4          |                |              |
| #200       | 40.0          |                |              |

**Material Description**

Dark brown clayey sand

**Atterberg Limits**  
 PL= 15      LL= 39      PI= 24

**Coefficients**  
 D<sub>85</sub>= 0.2697      D<sub>60</sub>= 0.1125      D<sub>50</sub>= 0.0913  
 D<sub>30</sub>=                  D<sub>15</sub>=                  D<sub>10</sub>=  
 C<sub>u</sub>=                    C<sub>c</sub>=

**Classification**  
 USCS= SC                  AASHTO=

**Remarks**  
 Moisture: 23.1

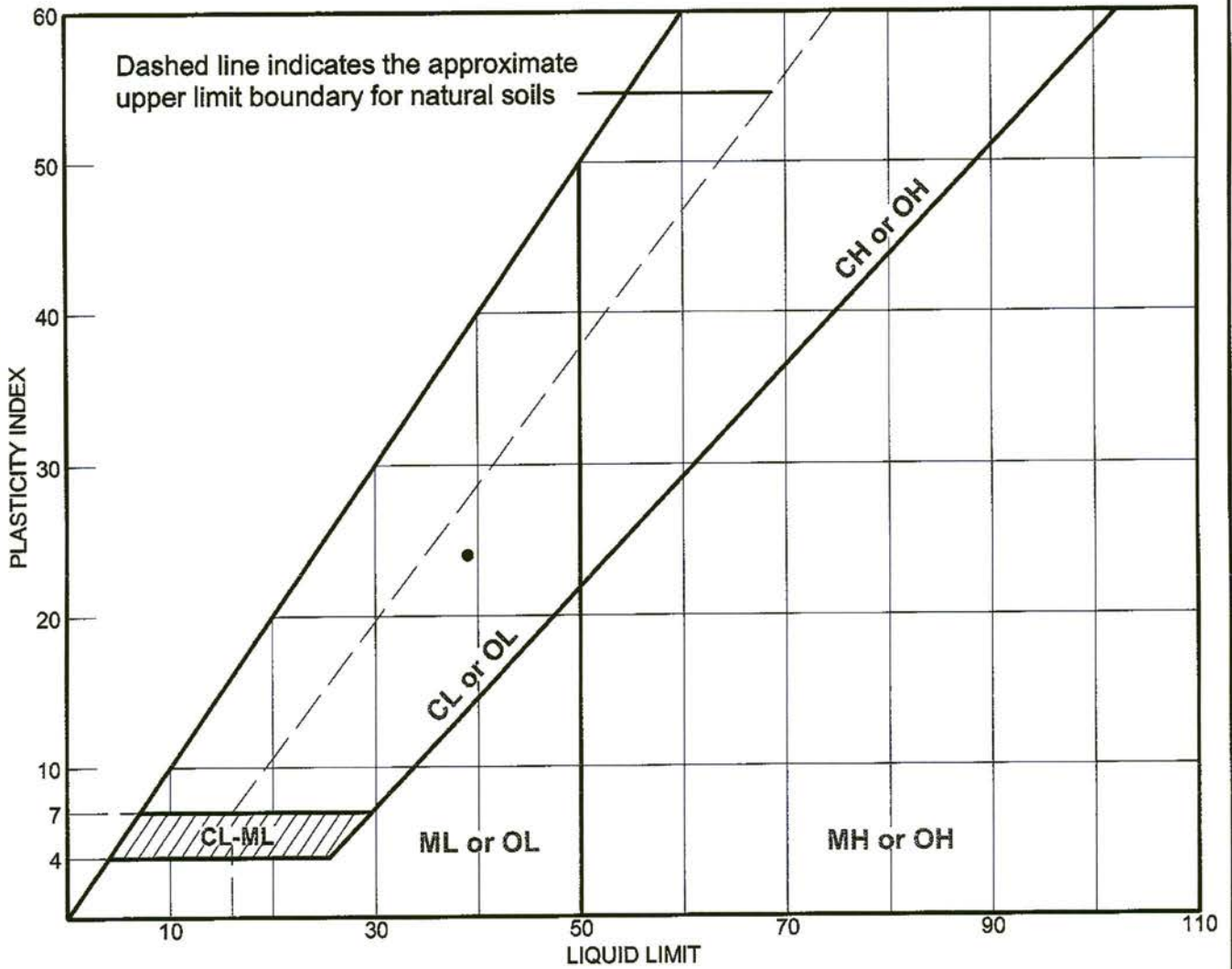
(no specification provided)

Sample Number: 1253      Depth: 4'      Date: 6-20-08  
 Location: Test Pit 38 (Lot 122)

|   |   |
|---|---|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/>                 Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61      Figure 120</p> |
|---|---|

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



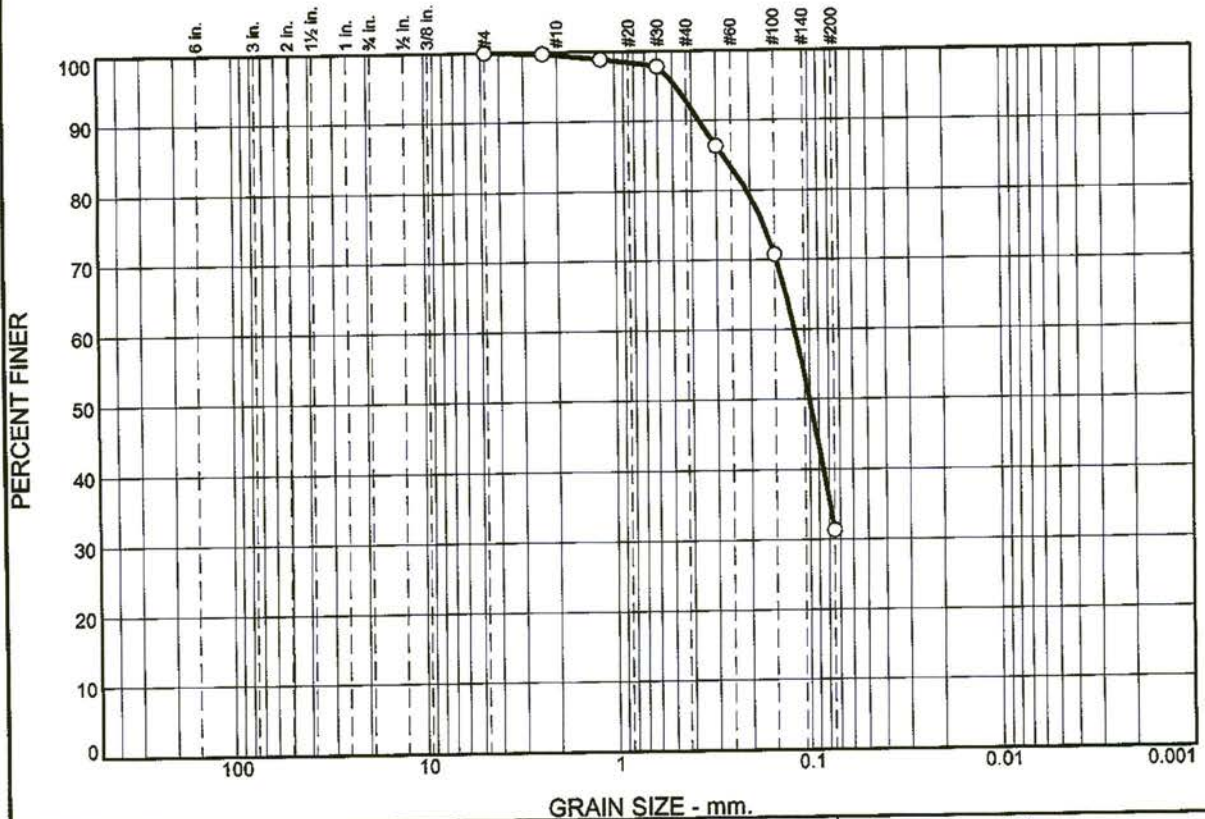
| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1253       | 4'          |                           | 15                | 39               | 24                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
**Mesquite, NV**

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

**Figure 121**

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.4    | 6.8    | 61.4 | 31.4    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #4         | 100.0         |                |              |
| #8         | 99.8          |                |              |
| #16        | 98.9          |                |              |
| #30        | 97.8          |                |              |
| #50        | 86.4          |                |              |
| #100       | 70.8          |                |              |
| #200       | 31.4          |                |              |

(no specification provided)

**Material Description**

Dark brown clayey sand

**Atterberg Limits**

PL= 10      LL= 30      PI= 20

**Coefficients**

D<sub>85</sub>= 0.2758      D<sub>60</sub>= 0.1191      D<sub>50</sub>= 0.1002  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**

USCS= SC      AASHTO=

**Remarks**

Moisture: 27.6

Sample Number: 1254  
 Location: Test Pit 39 (Lot 121)

Depth: 11'

Date: 6-20-08

**Mesquite Material Testing, L.L.C**

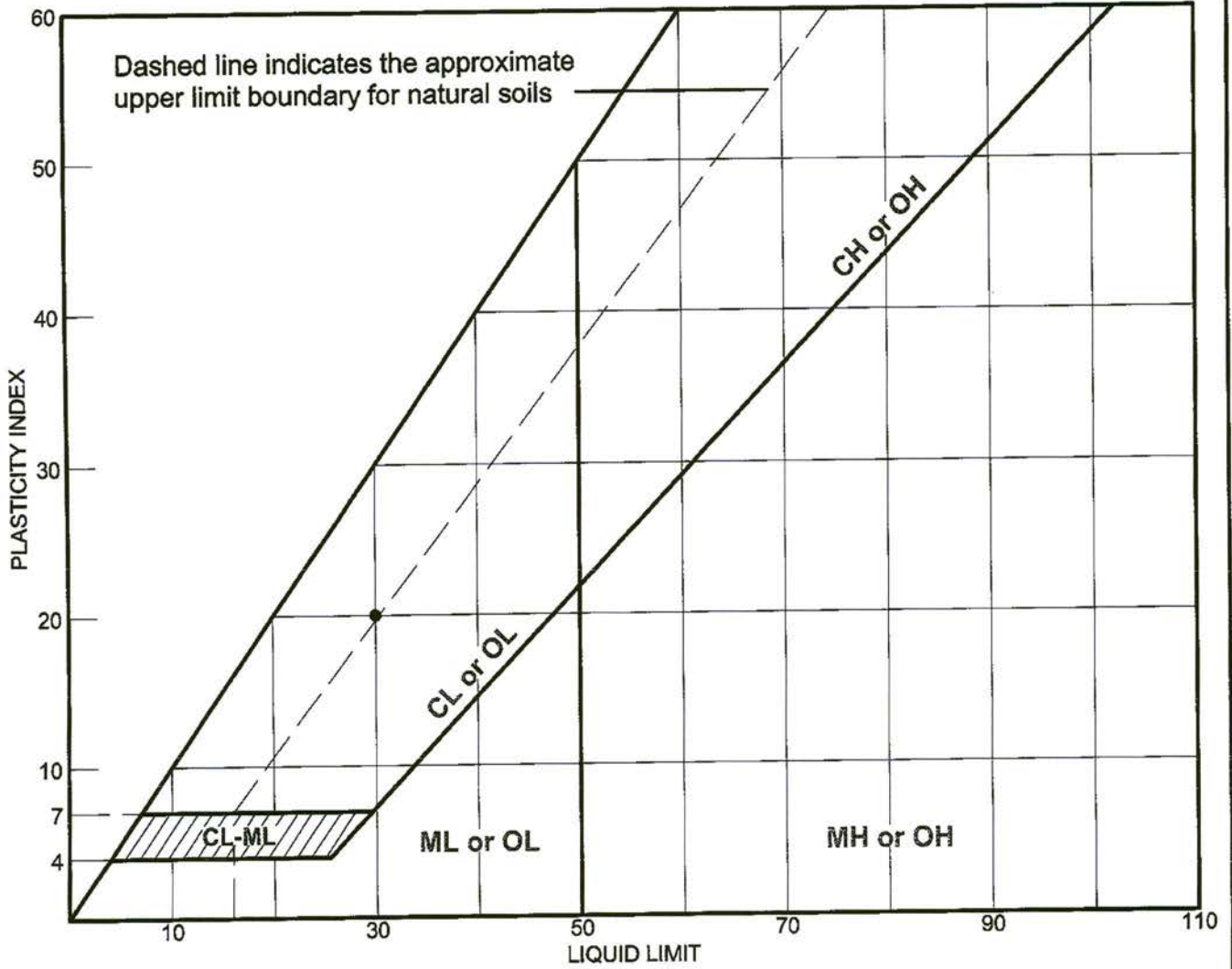
Client: RFMS  
 Project: Hitters Subdivision Phase I

**Mesquite, NV**

Project No: 138-61

Figure 122

# LIQUID AND PLASTIC LIMITS TEST REPORT



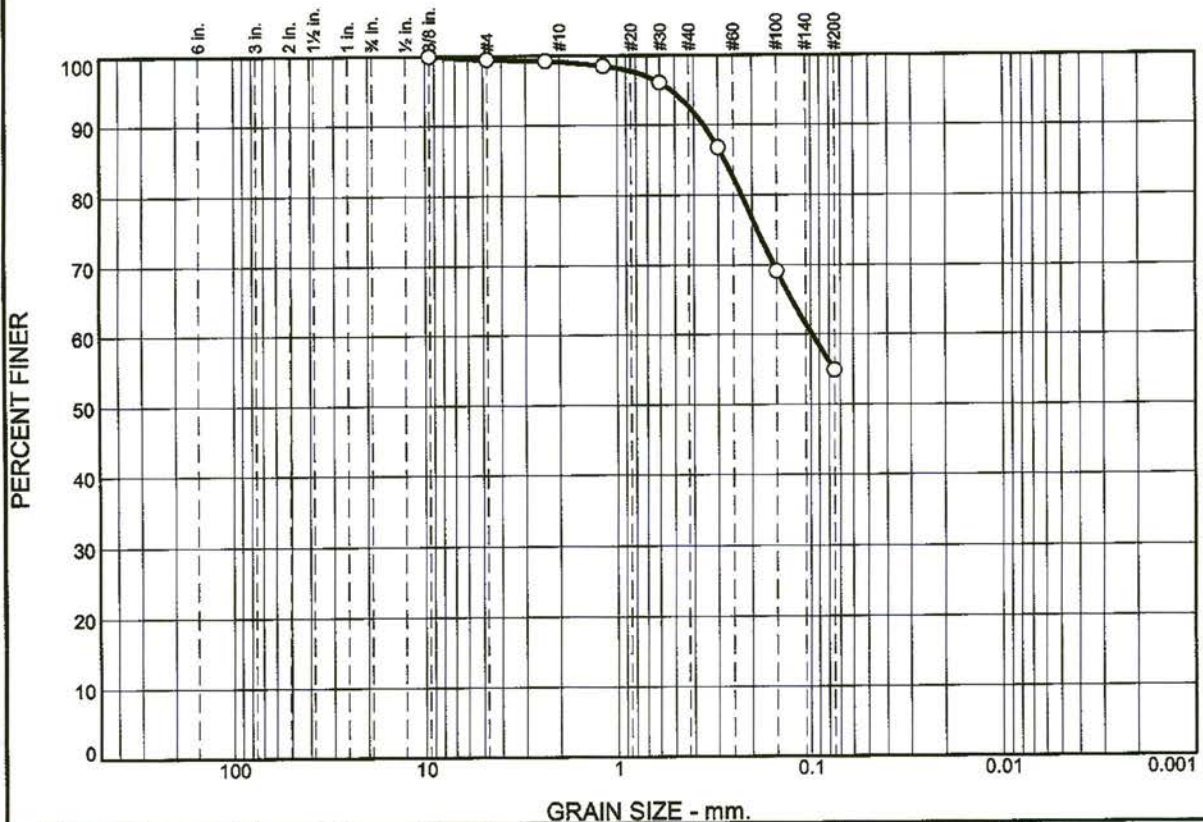
| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1254       | 11'         |                           | 10                | 30               | 20                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No.: 138-61

Figure 123

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.5  | 0.4    | 6.4    | 37.8 | 54.9    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 99.5          |                |              |
| #8         | 99.2          |                |              |
| #16        | 98.5          |                |              |
| #30        | 96.1          |                |              |
| #50        | 86.8          |                |              |
| #100       | 69.2          |                |              |
| #200       | 54.9          |                |              |

**Material Description**

Dark red sandy lean clay

**Atterberg Limits**

PL= 23      LL= 49      PI= 26

**Coefficients**

D<sub>85</sub>= 0.2769      D<sub>60</sub>= 0.0982      D<sub>50</sub>=  
D<sub>30</sub>=                  D<sub>15</sub>=                  D<sub>10</sub>=  
C<sub>u</sub>=                  C<sub>c</sub>=

**Classification**

USCS= CL                  AASHTO=

**Remarks**

Moisture: 11.6

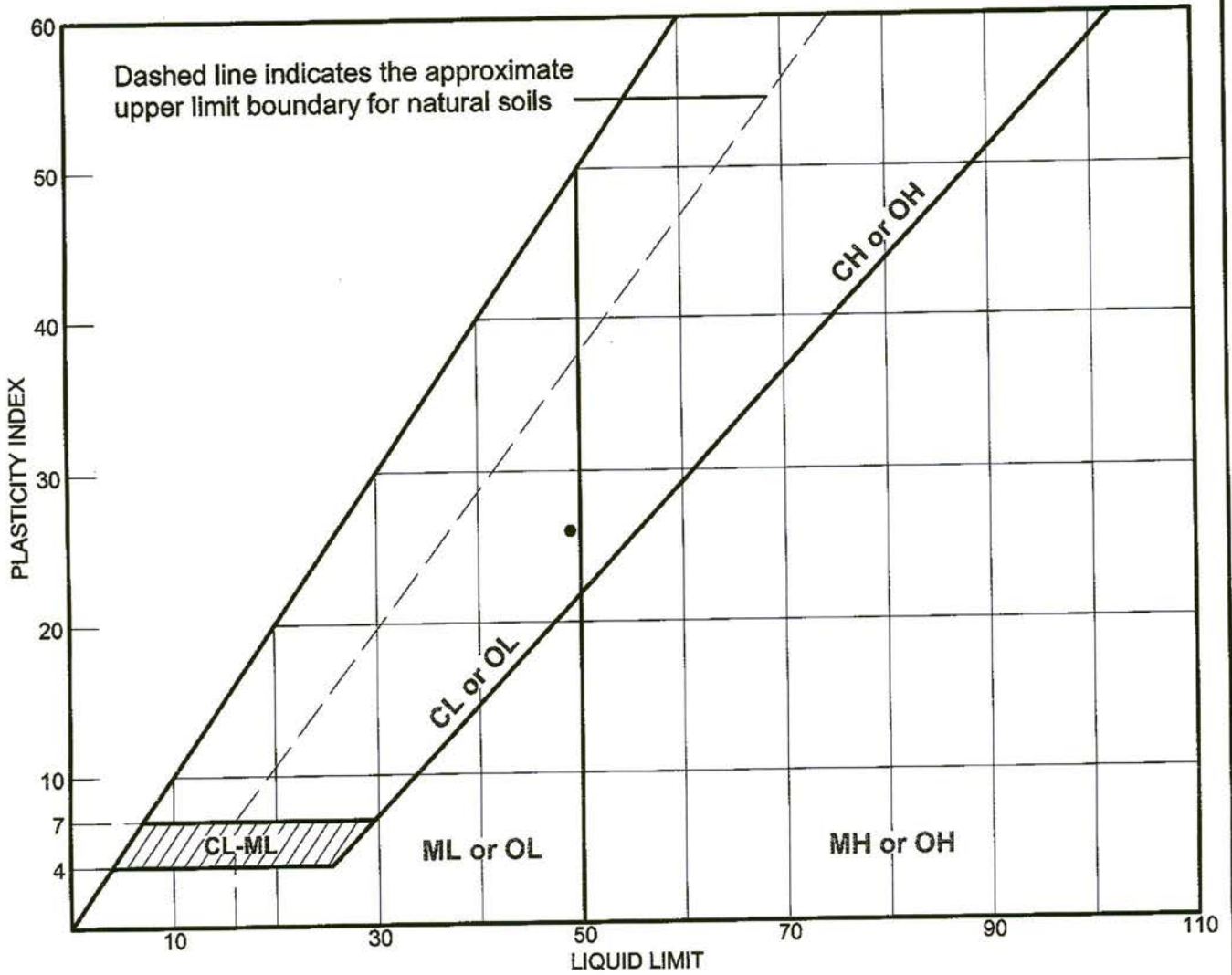
(no specification provided)

Sample Number: 1257      Depth: 4'      Date: 4-23-08  
Location: Test Pit 40 (Lot 121)

|   |   |
|---|---|
| <b>Mesquite Material Testing, L.L.C</b><br><br><p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <b>Client:</b> RFMS<br><b>Project:</b> Hitters Subdivision Phase I<br><br><b>Project No:</b> 138-61 <b>Figure</b> 124 |
|---|---|

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



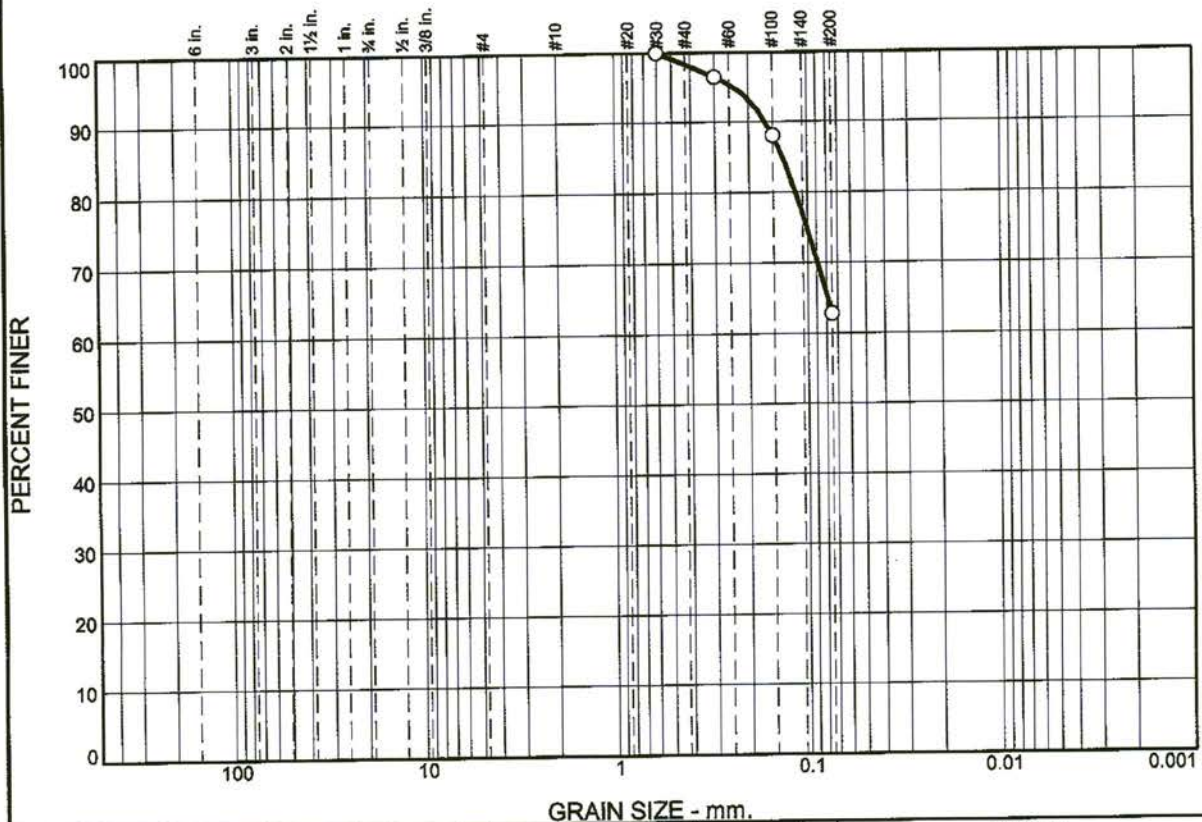
| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1257       | 4'          |                           | 23                | 49               | 26                   | CL   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

Figure 125

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 1.7    | 35.5 | 62.8    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #30        | 100.0         |                |              |
| #50        | 96.5          |                |              |
| #100       | 88.1          |                |              |
| #200       | 62.8          |                |              |

**Material Description**

Dark brown sandy lean clay

**Atterberg Limits**  
 PL= 12      LL= 30      PI= 18

**Coefficients**  
 D<sub>85</sub>= 0.1340      D<sub>60</sub>=  
 D<sub>30</sub>=      D<sub>15</sub>=      D<sub>10</sub>=  
 C<sub>u</sub>=      C<sub>c</sub>=

**Classification**  
 USCS= CL      AASHTO=

**Remarks**  
 Moisture: 13.1

\* (no specification provided)

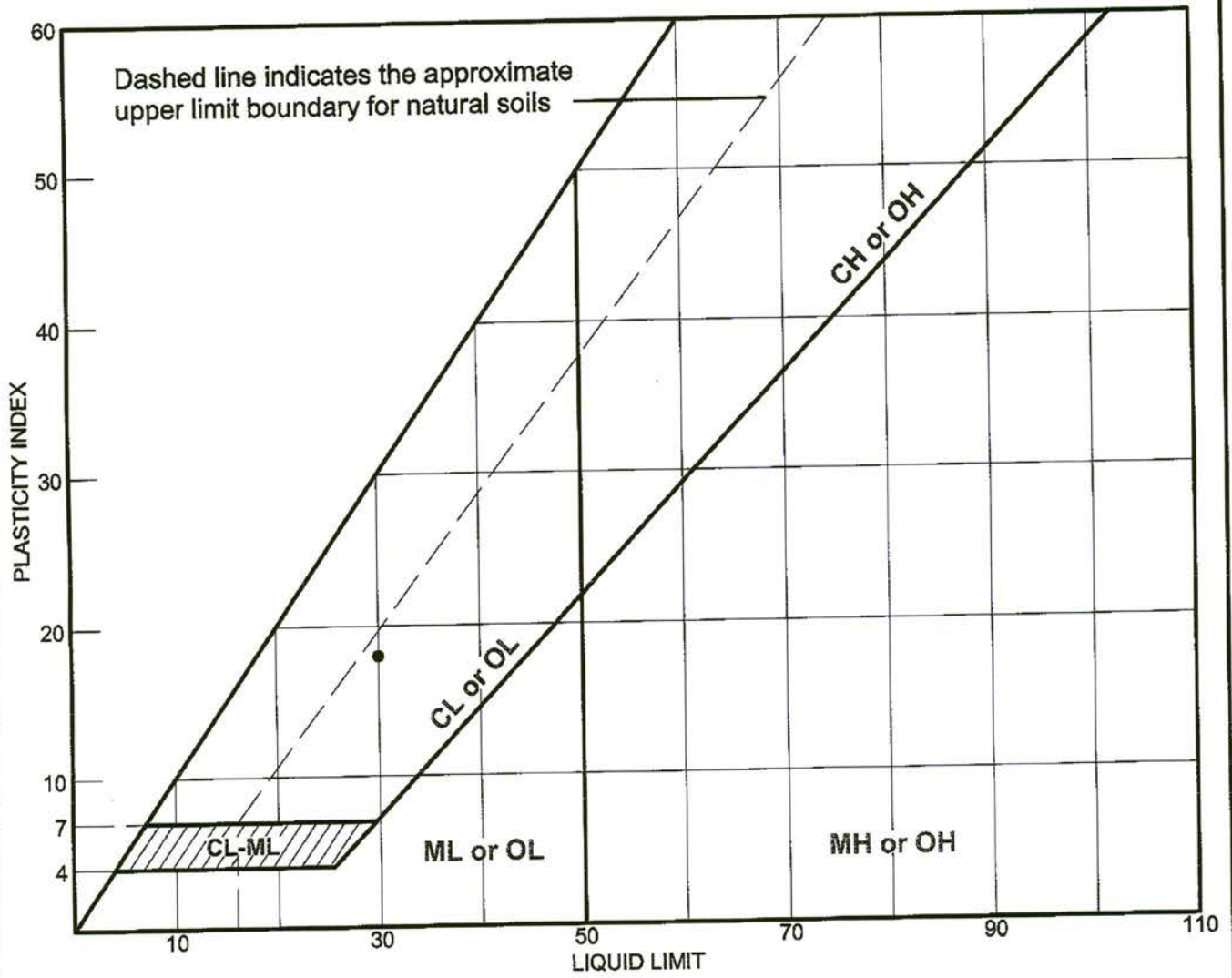
Sample Number: 1259      Depth: 9'  
 Location: Test Pit 40 (Lot 121)

Date: 4-23-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 126   |

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1259       | 9'          |                           | 12                | 30               | 18                   | CL   |

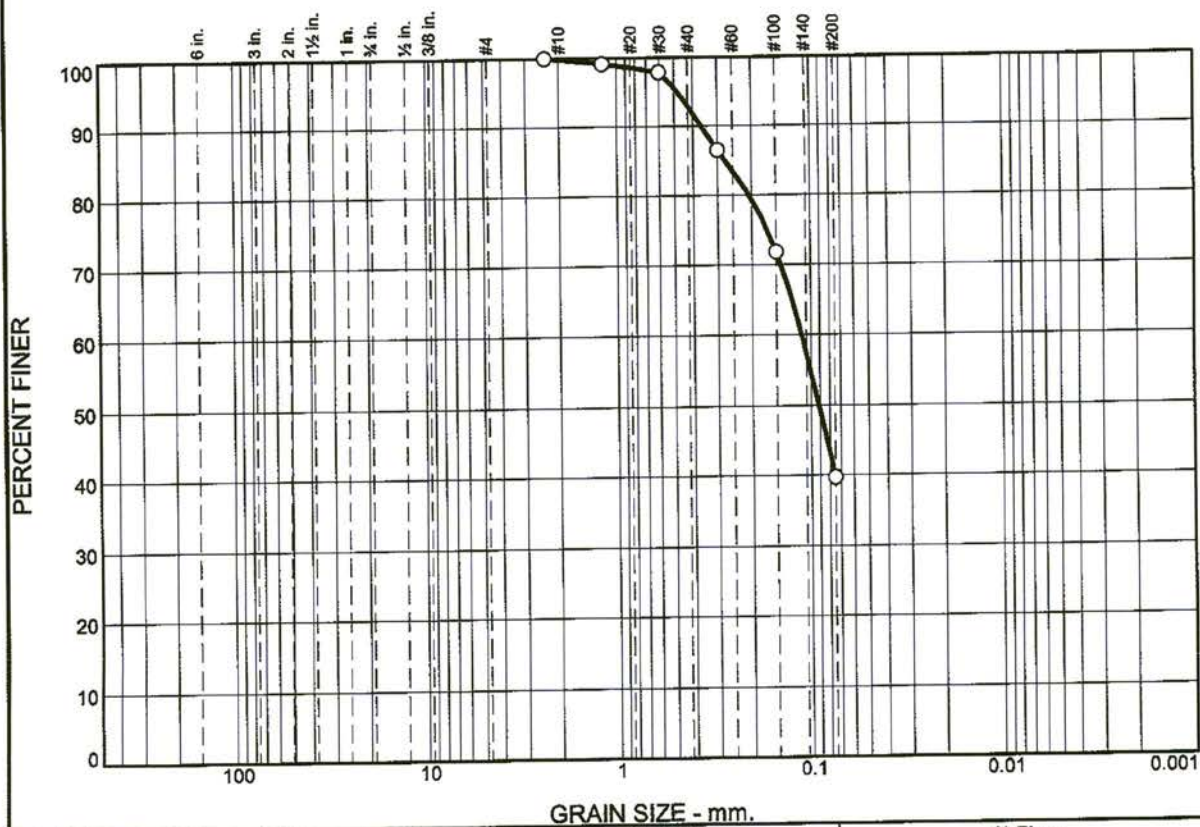
LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No.: 138-61

Figure 127



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.2    | 6.9    | 53.2 | 39.7    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 99.2          |                |              |
| #30        | 97.9          |                |              |
| #50        | 86.5          |                |              |
| #100       | 71.9          |                |              |
| #200       | 39.7          |                |              |

**Material Description**

Red silty, clayey sand

**Atterberg Limits**  
 PL= 20      LL= 26      PI= 6

**Coefficients**  
 D<sub>85</sub>= 0.2751      D<sub>60</sub>= 0.1118      D<sub>50</sub>= 0.0912  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**  
 USCS= SC-SM      AASHTO=

**Remarks**  
 Moisture: 25.9

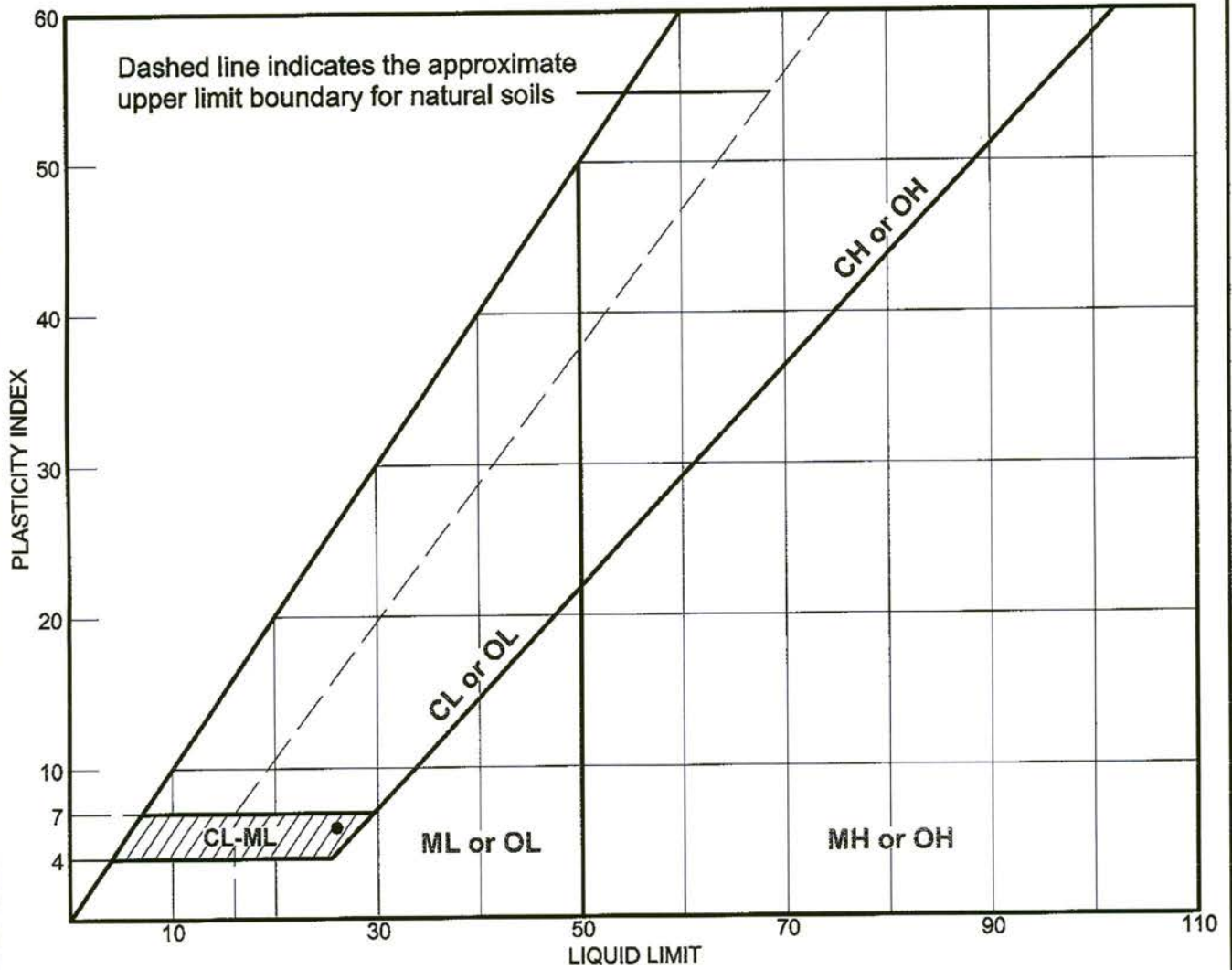
\* (no specification provided)

Sample Number: 1258      Depth: 1.5'      Date: 6-23-08  
 Location: Test Pit 41 (Lot 120)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61                   |
|   | Figure 128                           |

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



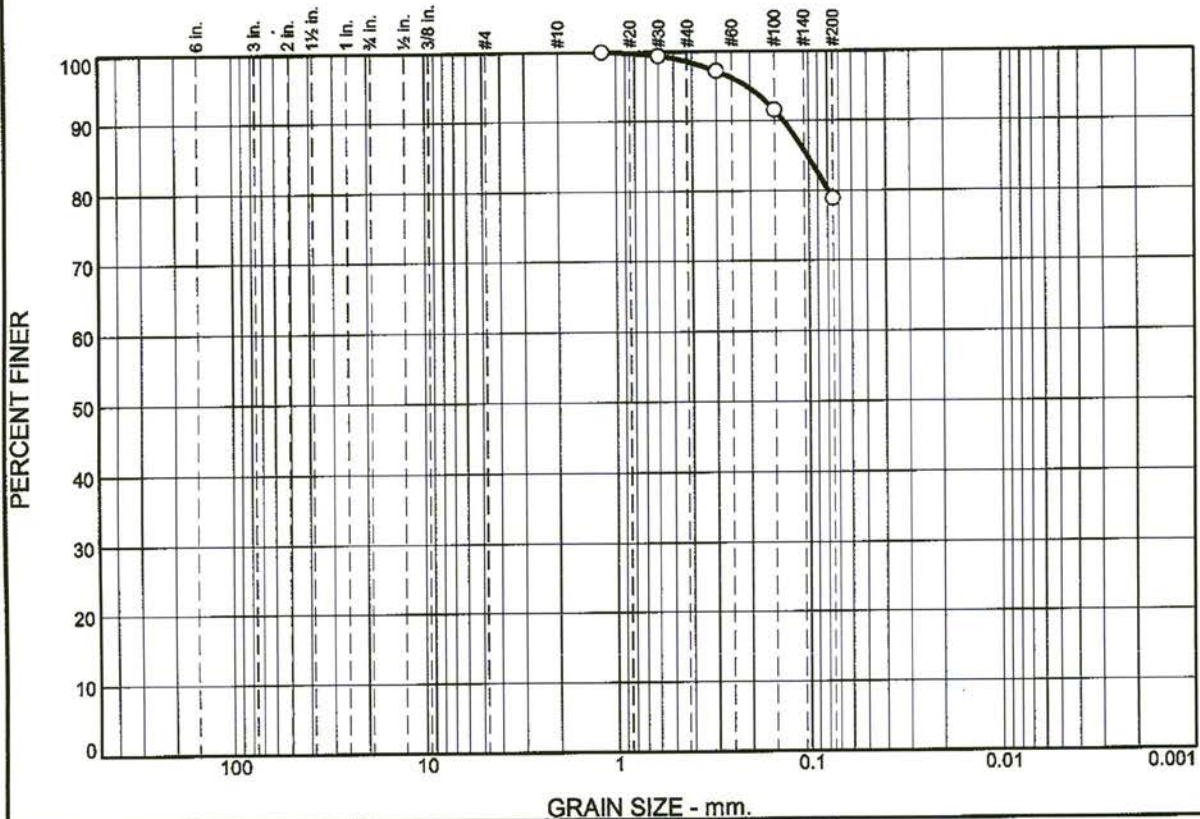
| SOIL DATA |        |            |             |                           |                   |                  |                      |       |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|-------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS  |
| •         |        | 1258       | 1.5'        |                           | 20                | 26               | 6                    | SC-SM |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No.: 138-61

Figure 129

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 1.4    | 19.7 | 78.9    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #16        | 100.0         |                |              |
| #30        | 99.4          |                |              |
| #50        | 97.2          |                |              |
| #100       | 91.5          |                |              |
| #200       | 78.9          |                |              |

**Material Description**

Dark red lean clay with sand

**Atterberg Limits**  
 PL= 21      LL= 34      PI= 13

**Coefficients**  
 D<sub>85</sub>= 0.1015      D<sub>60</sub>=      D<sub>50</sub>=  
 D<sub>30</sub>=      D<sub>15</sub>=      D<sub>10</sub>=  
 C<sub>u</sub>=      C<sub>c</sub>=

**Classification**  
 USCS= CL      AASHTO=

**Remarks**  
 Moisture: 9.2

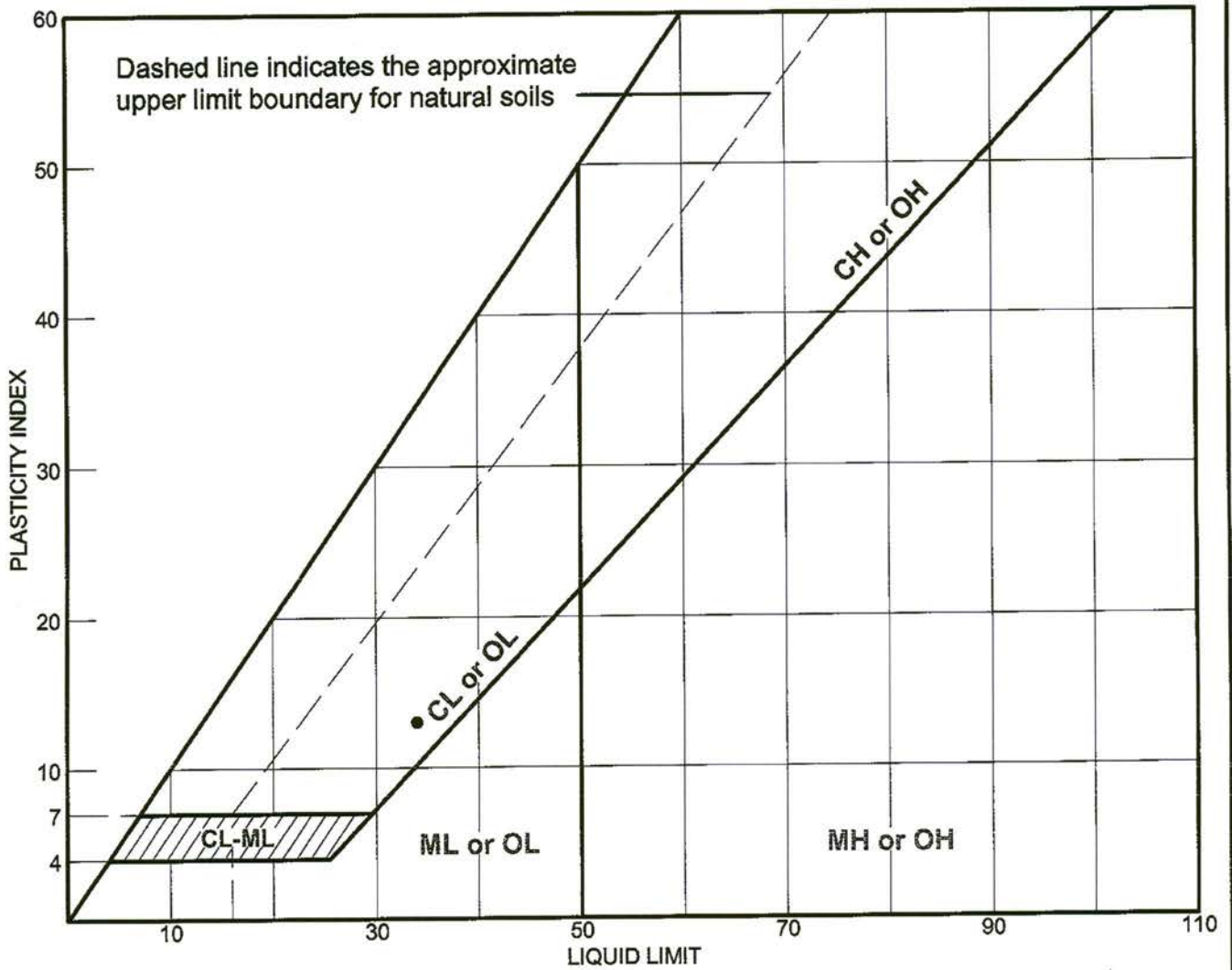
(no specification provided)

Sample Number: 1265      Depth: 7'      Date: 4-24-08  
 Location: Test Pit 42 (Lot 120)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
| Project No: 138-61                      | Figure 130                           |

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



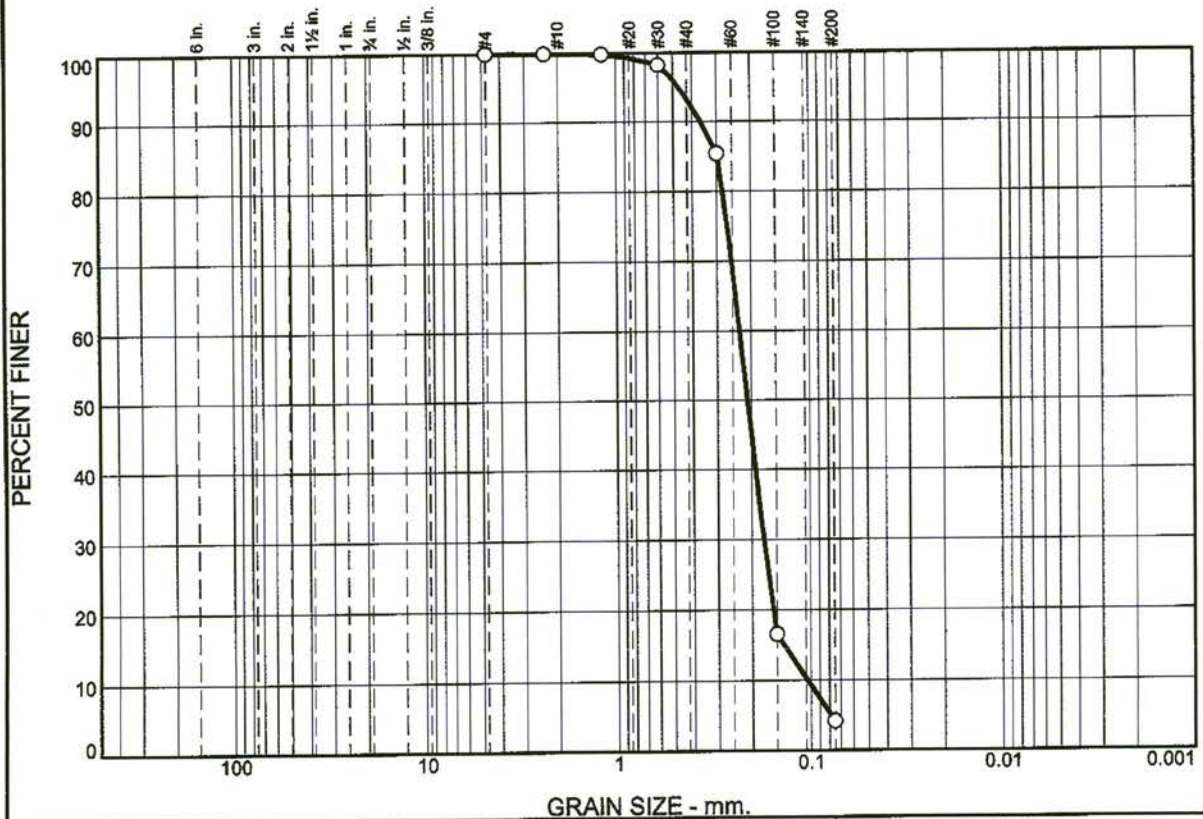
| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1265       | 7'          |                           | 21                | 34               | 13                   | CL   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

**Figure 131**

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.1    | 6.6    | 89.1 | 4.2     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #4         | 100.0         |                |              |
| #8         | 99.9          |                |              |
| #16        | 99.8          |                |              |
| #30        | 98.2          |                |              |
| #50        | 85.4          |                |              |
| #100       | 16.6          |                |              |
| #200       | 4.2           |                |              |

**Material Description**

Light brown poorly graded sand

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.2982      D<sub>60</sub>= 0.2295      D<sub>50</sub>= 0.2100  
 D<sub>30</sub>= 0.1747      D<sub>15</sub>= 0.1373      D<sub>10</sub>= 0.1038  
 C<sub>u</sub>= 2.21      C<sub>c</sub>= 1.28

**Classification**  
 USCS= SP      AASHTO=

**Remarks**  
 Moisture: 1.4

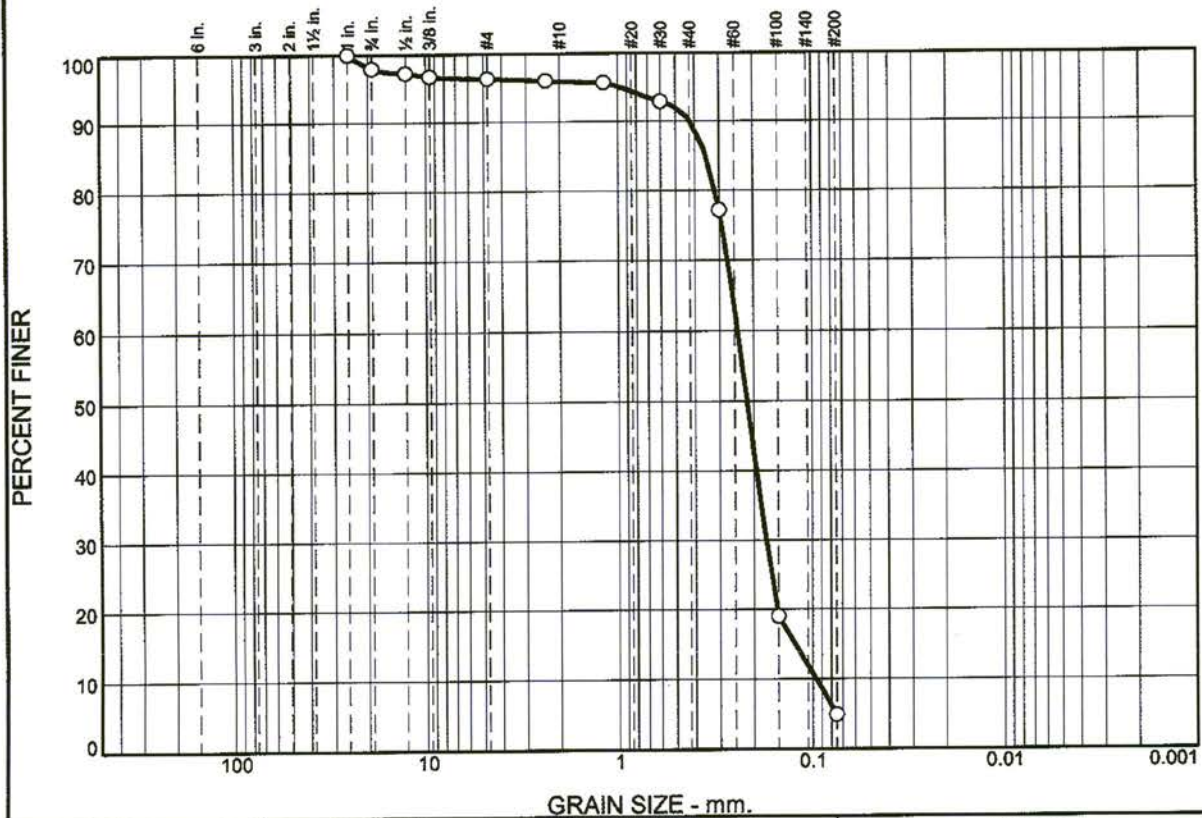
\* (no specification provided)

Sample Number: 1266      Depth: 12'      Date: 4-24-08  
 Location: Test Pit 42 (Lot 120)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 132   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 2.1      | 1.6  | 0.4    | 5.7    | 85.3 | 4.9     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1"         | 100.0         |                |              |
| 3/4"       | 97.9          |                |              |
| 1/2"       | 97.2          |                |              |
| 3/8"       | 96.7          |                |              |
| #4         | 96.3          |                |              |
| #8         | 96.0          |                |              |
| #16        | 95.7          |                |              |
| #30        | 92.8          |                |              |
| #50        | 77.2          |                |              |
| #100       | 19.0          |                |              |
| #200       | 4.9           |                |              |

**Material Description**  
Light brown poorly graded sand

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3504      D<sub>60</sub>= 0.2413      D<sub>50</sub>= 0.2166  
 D<sub>30</sub>= 0.1739      D<sub>15</sub>= 0.1230      D<sub>10</sub>= 0.0962  
 C<sub>u</sub>= 2.51      C<sub>c</sub>= 1.30

**Classification**  
 USCS= SP      AASHTO=

**Remarks**  
 Moisture: 3.1

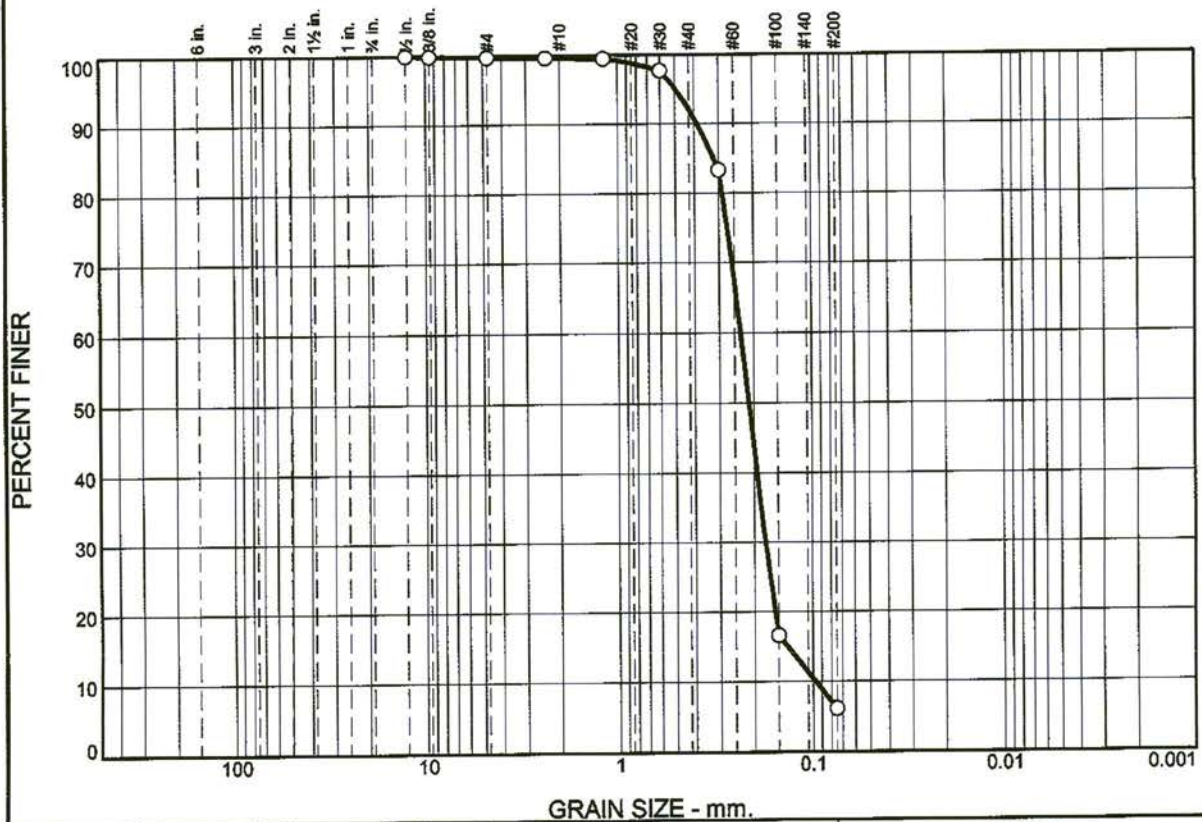
\* (no specification provided)

Sample Number: 1268      Depth: 6'      Date: 4-24-08  
 Location: Test Pit 43 (Lot 119)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 133   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.3  | 0.1    | 7.4    | 86.1 | 6.1     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.9          |                |              |
| #4         | 99.7          |                |              |
| #8         | 99.6          |                |              |
| #16        | 99.5          |                |              |
| #30        | 97.7          |                |              |
| #50        | 83.3          |                |              |
| #100       | 16.6          |                |              |
| #200       | 6.1           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3176      D<sub>60</sub>= 0.2330      D<sub>50</sub>= 0.2125  
 D<sub>30</sub>= 0.1758      D<sub>15</sub>= 0.1348      D<sub>10</sub>= 0.0970  
 C<sub>u</sub>= 2.40      C<sub>c</sub>= 1.37

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 2.2

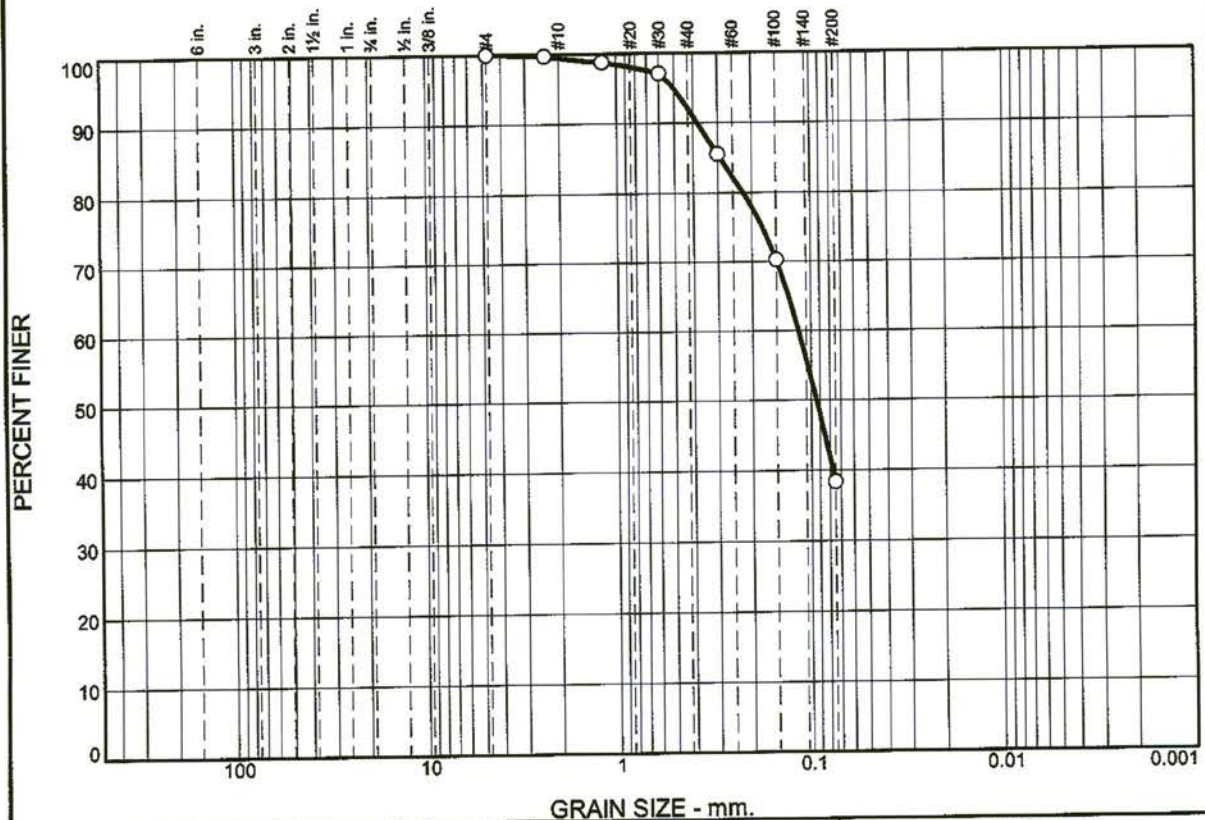
\* (no specification provided)

Sample Number: 1264      Depth: 2'      Date: 4-24-08  
 Location: Test Pit 44 (Lot 119)

|   |  |
|---|--|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center;"><b>Mesquite, NV</b></p> | <p>Client: RFMS</p> <p>Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61</p> <p style="text-align: right;">Figure 134</p> |
|---|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.5    | 7.4    | 53.7 | 38.4    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #4         | 100.0         |                |              |
| #8         | 99.7          |                |              |
| #16        | 98.8          |                |              |
| #30        | 97.2          |                |              |
| #50        | 85.6          |                |              |
| #100       | 70.3          |                |              |
| #200       | 38.4          |                |              |

**Material Description**

Dark brown clayey sand

**Atterberg Limits**

PL= 10      LL= 27      PI= 17

**Coefficients**

D<sub>85</sub>= 0.2909      D<sub>60</sub>= 0.1157      D<sub>50</sub>= 0.0939  
D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
C<sub>u</sub>=              C<sub>c</sub>=

**Classification**

USCS= SC      AASHTO=

**Remarks**

Moisture: 23.4

(no specification provided)

Sample Number: 1267      Depth: 5'  
Location: Test Pit 44 (Lot 119)

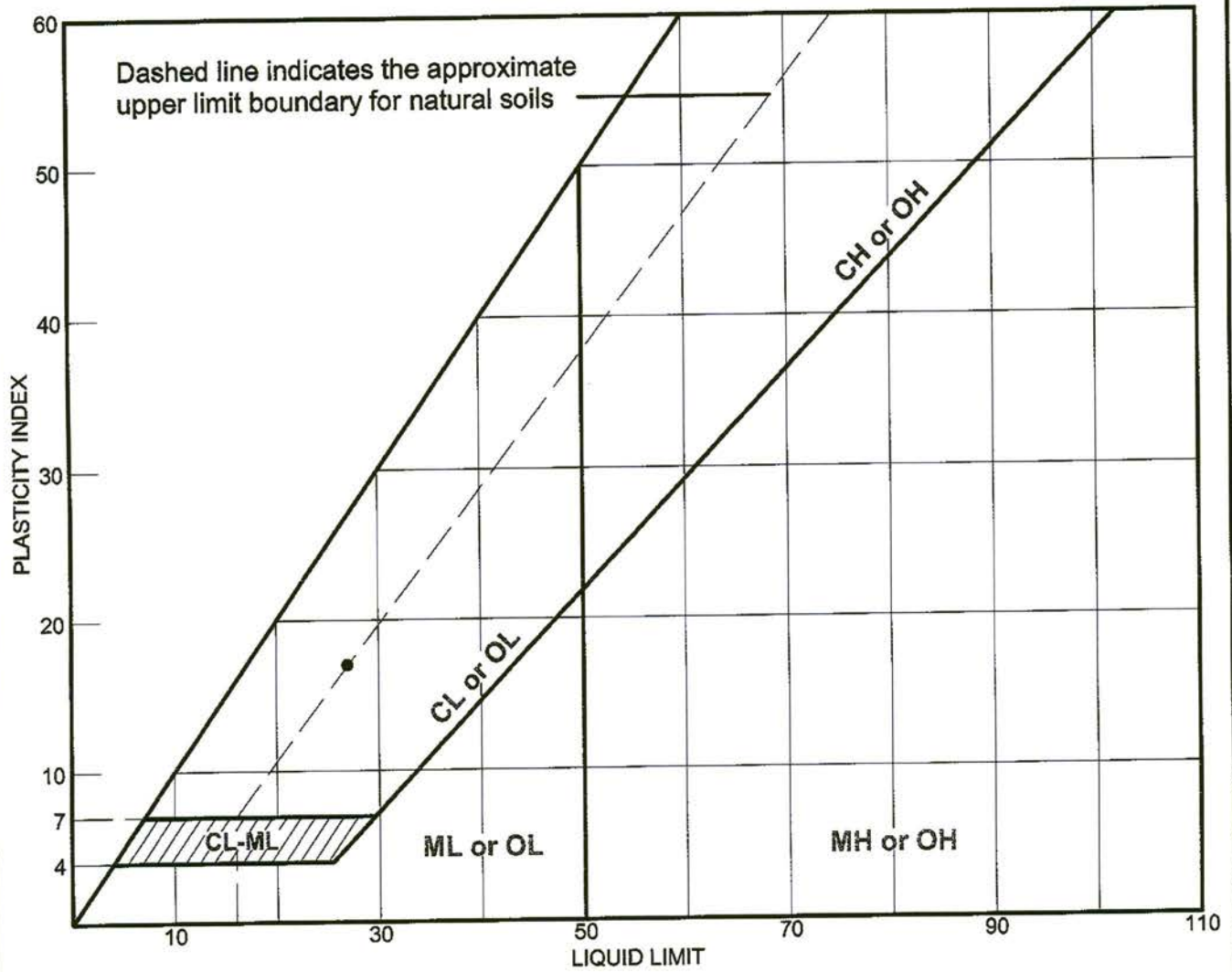
Date: 4-24-08

|  |   |
|--|---|
| <b>Mesquite Material Testing, L.L.C</b><br><br><b>Mesquite, NV</b> | <b>Client:</b> RFMS<br><b>Project:</b> Hitters Subdivision Phase I<br><br><b>Project No:</b> 138-61 <b>Figure</b> 135 |
|--|---|

Tested By: K. Gillespie



# LIQUID AND PLASTIC LIMITS TEST REPORT



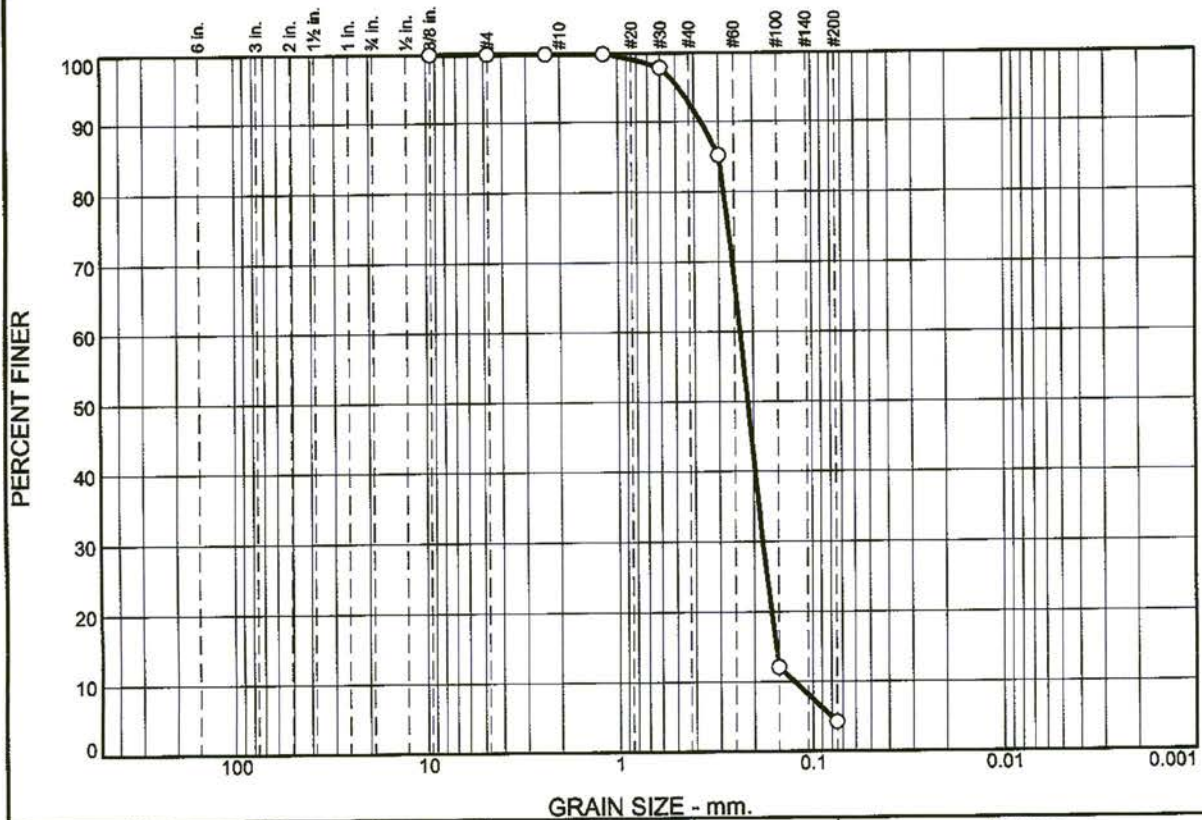
| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1267       | 5'          |                           | 10                | 27               | 17                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

**Figure 136**

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.1    | 7.0    | 88.7 | 4.2     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 100.0         |                |              |
| #8         | 99.9          |                |              |
| #16        | 99.9          |                |              |
| #30        | 97.9          |                |              |
| #50        | 85.2          |                |              |
| #100       | 12.1          |                |              |
| #200       | 4.2           |                |              |

**Material Description**

Light brown poorly graded sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.2992      D<sub>60</sub>= 0.2335      D<sub>50</sub>= 0.2148  
D<sub>30</sub>= 0.1812      D<sub>15</sub>= 0.1556      D<sub>10</sub>= 0.1247  
C<sub>u</sub>= 1.87      C<sub>c</sub>= 1.13

**Classification**

USCS= SP      AASHTO=

**Remarks**

Moisture: 0.2

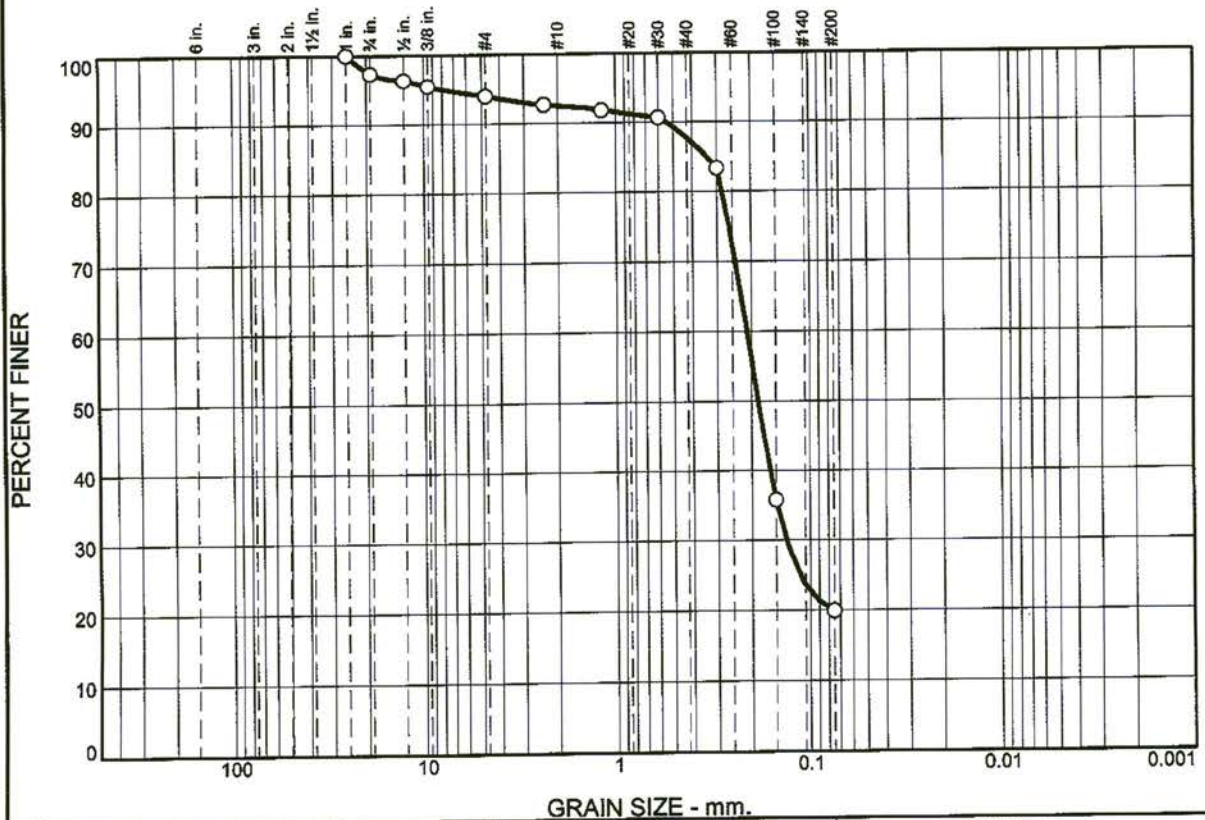
\* (no specification provided)

Sample Number: 1263      Depth: 4'      Date: 4-24-08  
Location: Test Pit 45 (Lot 118)

|  |  |
|--|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><b>Mesquite, NV</b> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 137 |
|--|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 2.7      | 3.3  | 1.5    | 4.7    | 67.9 | 19.9    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1"         | 100.0         |                |              |
| 3/4"       | 97.3          |                |              |
| 1/2"       | 96.3          |                |              |
| 3/8"       | 95.5          |                |              |
| #4         | 94.0          |                |              |
| #8         | 92.6          |                |              |
| #16        | 91.8          |                |              |
| #30        | 90.7          |                |              |
| #50        | 83.3          |                |              |
| #100       | 35.8          |                |              |
| #200       | 19.9          |                |              |

**Material Description**

Light brown silty sand

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3377      D<sub>60</sub>= 0.2113      D<sub>50</sub>= 0.1855  
 D<sub>30</sub>= 0.1328      D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**  
 USCS= SM              AASHTO=

**Remarks**  
 Moisture: 8.5

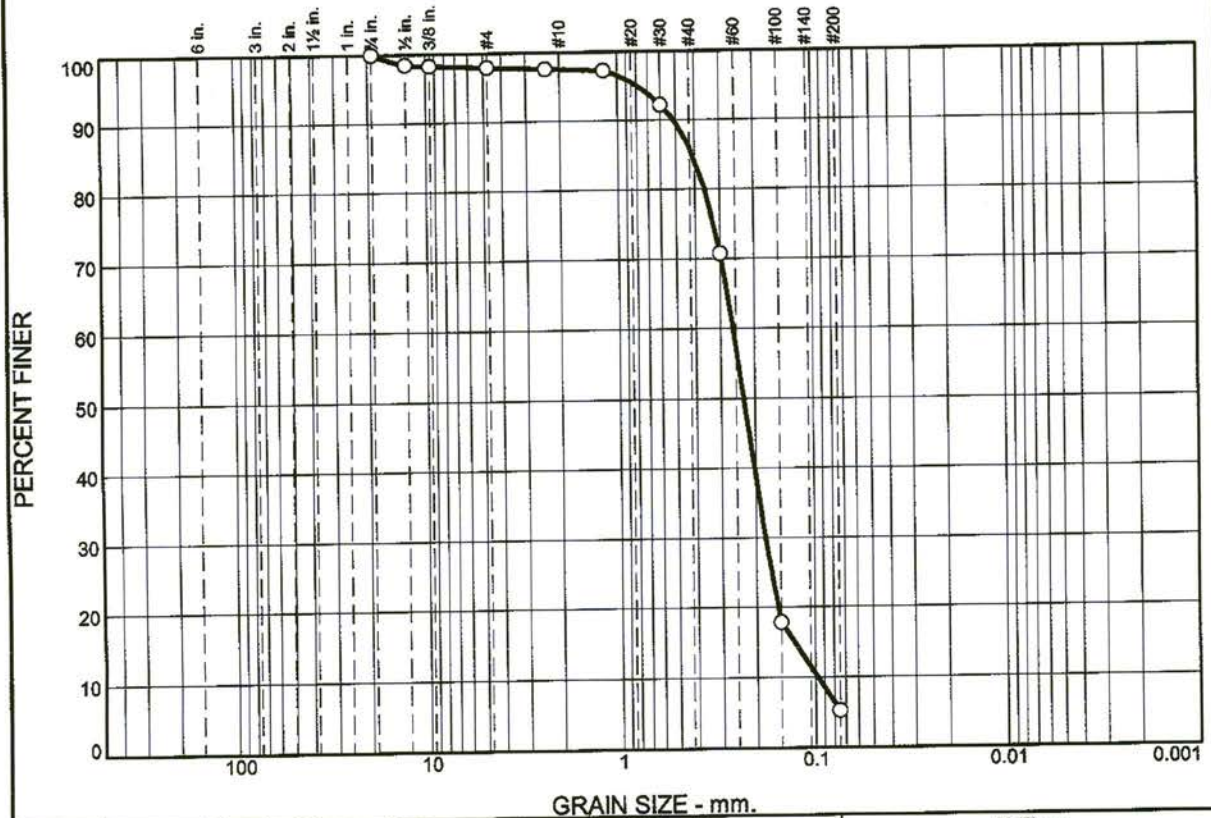
\* (no specification provided)

Sample Number: 1269      Depth: 8'      Date: 4-24-08  
 Location: Test Pit 46 (Lot 118)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 138   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.0  | 0.4    | 11.6   | 80.7 | 5.3     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 98.5          |                |              |
| 3/8        | 98.3          |                |              |
| #4         | 98.0          |                |              |
| #8         | 97.6          |                |              |
| #16        | 97.3          |                |              |
| #30        | 92.2          |                |              |
| #50        | 70.8          |                |              |
| #100       | 17.8          |                |              |
| #200       | 5.3           |                |              |

**Material Description**  
Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.4103      D<sub>60</sub>= 0.2585      D<sub>50</sub>= 0.2289  
 D<sub>30</sub>= 0.1798      D<sub>15</sub>= 0.1283      D<sub>10</sub>= 0.0974  
 C<sub>u</sub>= 2.65      C<sub>c</sub>= 1.28

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 1.9

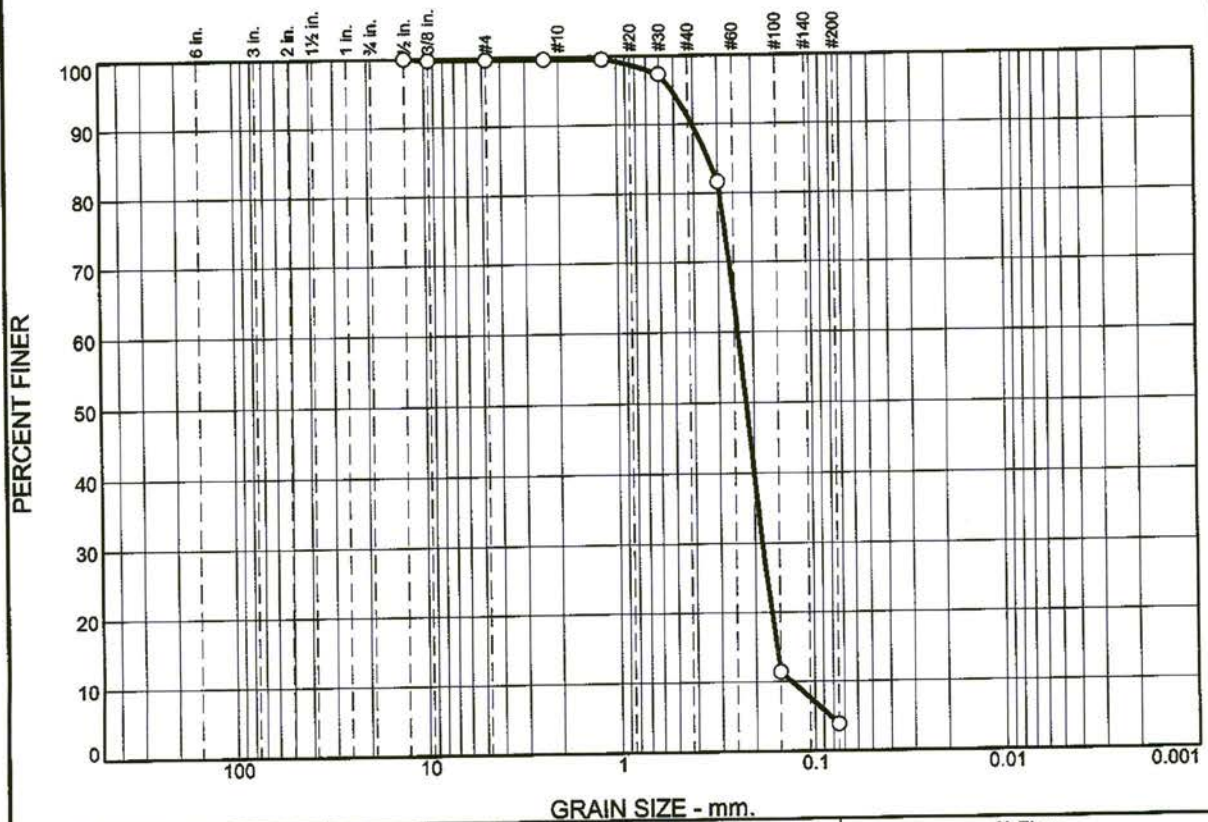
(no specification provided)

Sample Number: 1271      Depth: 10'      Date: 4-24-08  
 Location: Test Pit 47 (Lot 117)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 139   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.3  | 0.1    | 8.4    | 87.4 | 3.8     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.7          |                |              |
| #4         | 99.7          |                |              |
| #8         | 99.6          |                |              |
| #16        | 99.6          |                |              |
| #30        | 97.4          |                |              |
| #50        | 81.7          |                |              |
| #100       | 11.4          |                |              |
| #200       | 3.8           |                |              |

**Material Description**  
Light brown poorly graded sand

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3342      D<sub>60</sub>= 0.2396      D<sub>50</sub>= 0.2195  
 D<sub>30</sub>= 0.1839      D<sub>15</sub>= 0.1572      D<sub>10</sub>= 0.1316  
 C<sub>u</sub>= 1.82      C<sub>c</sub>= 1.07

**Classification**  
 USCS= SP      AASHTO=

**Remarks**  
 Moisture: 2.4

(no specification provided)

Sample Number: 1270      Depth: 4'  
 Location: Test Pit 48 (Lot 117)

Date: 4-24-08

**Mesquite Material Testing, L.L.C**

Client: RFMS  
 Project: Hitters Subdivision Phase I

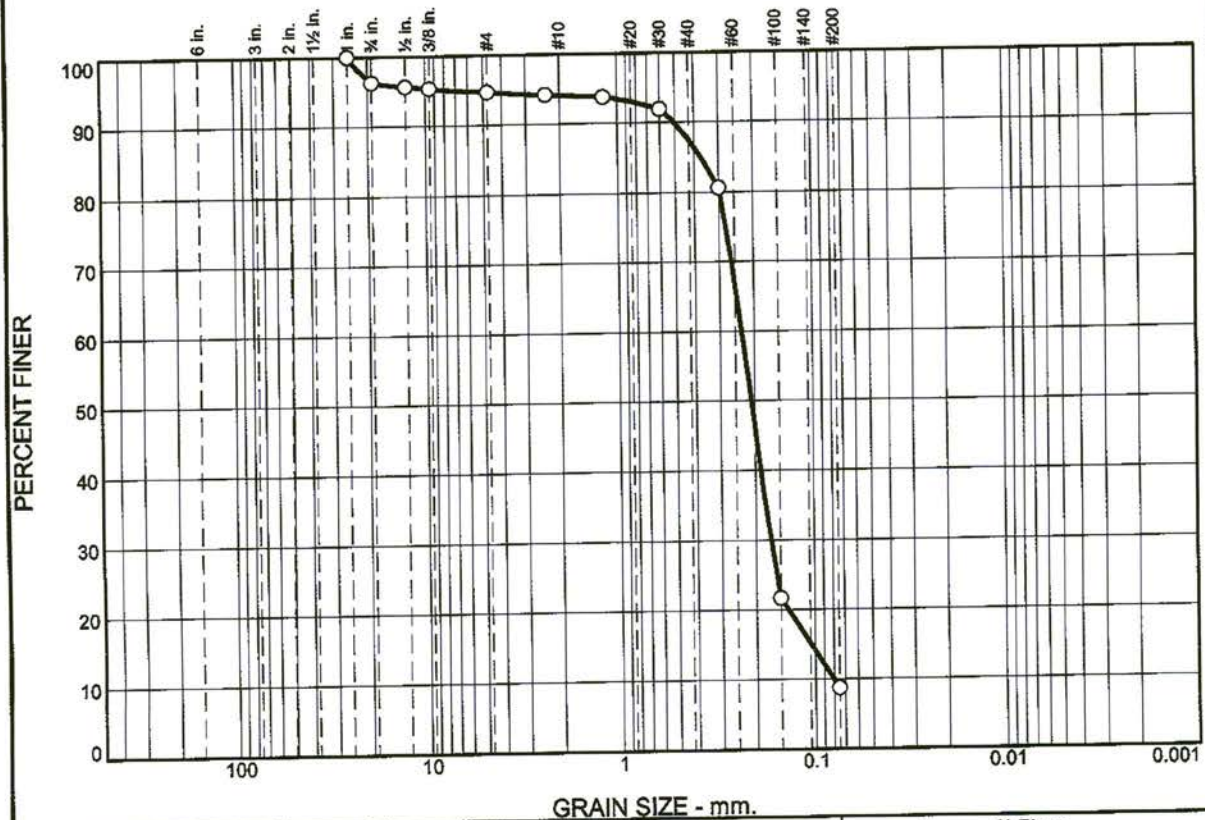
**Mesquite, NV**

Project No: 138-61

Figure 140

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 3.7      | 1.6  | 0.6    | 6.6    | 78.8 | 8.7     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1"         | 100.0         |                |              |
| 3/4"       | 96.3          |                |              |
| 1/2"       | 95.6          |                |              |
| 3/8"       | 95.3          |                |              |
| #4         | 94.7          |                |              |
| #8         | 94.2          |                |              |
| #16        | 93.8          |                |              |
| #30        | 91.9          |                |              |
| #50        | 80.7          |                |              |
| #100       | 21.7          |                |              |
| #200       | 8.7           |                |              |

**Material Description**  
Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3689      D<sub>60</sub>= 0.2320      D<sub>50</sub>= 0.2090  
 D<sub>30</sub>= 0.1680      D<sub>15</sub>= 0.1049      D<sub>10</sub>= 0.0803  
 C<sub>u</sub>= 2.89      C<sub>c</sub>= 1.51

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 7.9

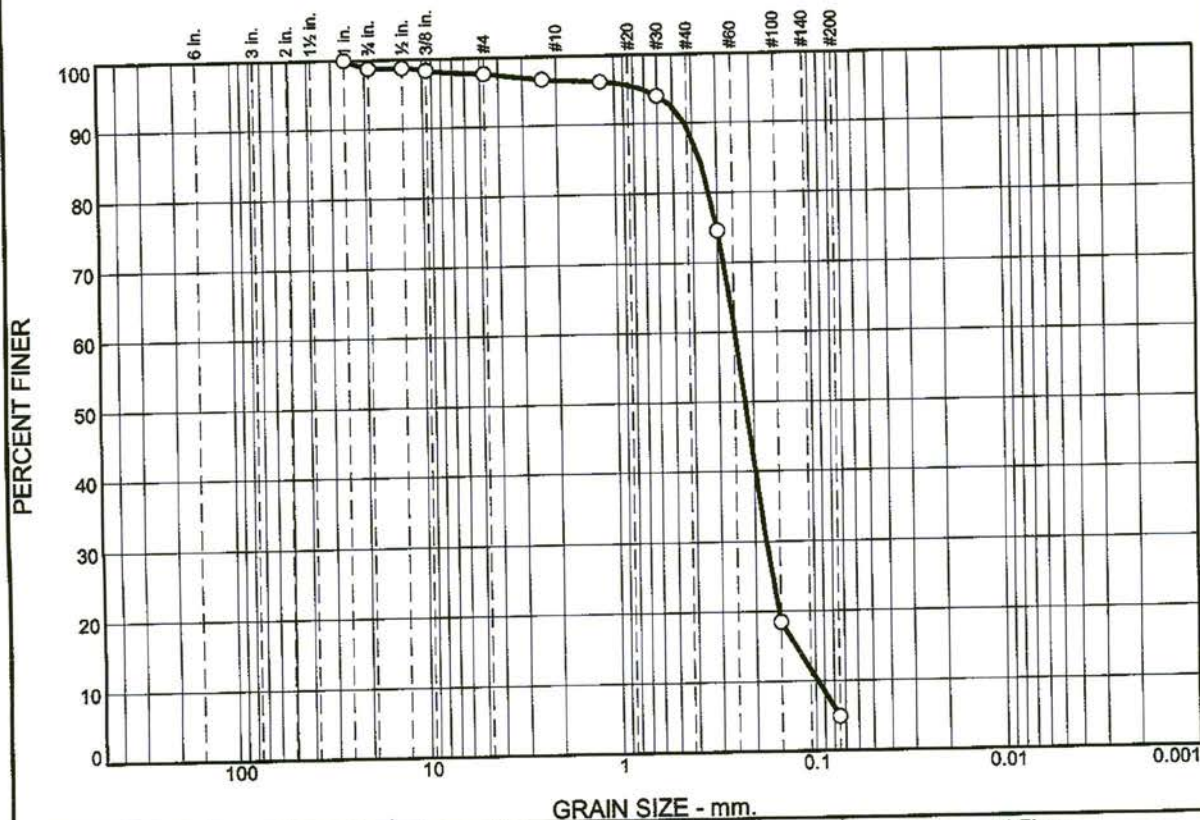
\* (no specification provided)

Sample Number: 1278      Depth: 2'      Date: 4-24-08  
 Location: Test Pit 49 (Lot 101)

|  |  |
|--|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><b>Mesquite, NV</b> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 141 |
|--|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 1.2      | 1.1  | 1.2    | 7.1    | 84.5 | 4.9     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1"         | 100.0         |                |              |
| 3/4"       | 98.8          |                |              |
| 1/2"       | 98.8          |                |              |
| 3/8"       | 98.3          |                |              |
| #4         | 97.7          |                |              |
| #8         | 96.7          |                |              |
| #16        | 96.2          |                |              |
| #30        | 94.0          |                |              |
| #50        | 74.6          |                |              |
| #100       | 18.5          |                |              |
| #200       | 4.9           |                |              |

**Material Description**  
Light brown poorly graded sand

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3677      D<sub>60</sub>= 0.2481      D<sub>50</sub>= 0.2217  
 D<sub>30</sub>= 0.1764      D<sub>15</sub>= 0.1256      D<sub>10</sub>= 0.0972  
 C<sub>u</sub>= 2.55      C<sub>c</sub>= 1.29

**Classification**  
 USCS= SP      AASHTO=

**Remarks**  
 Moisture: 8.6

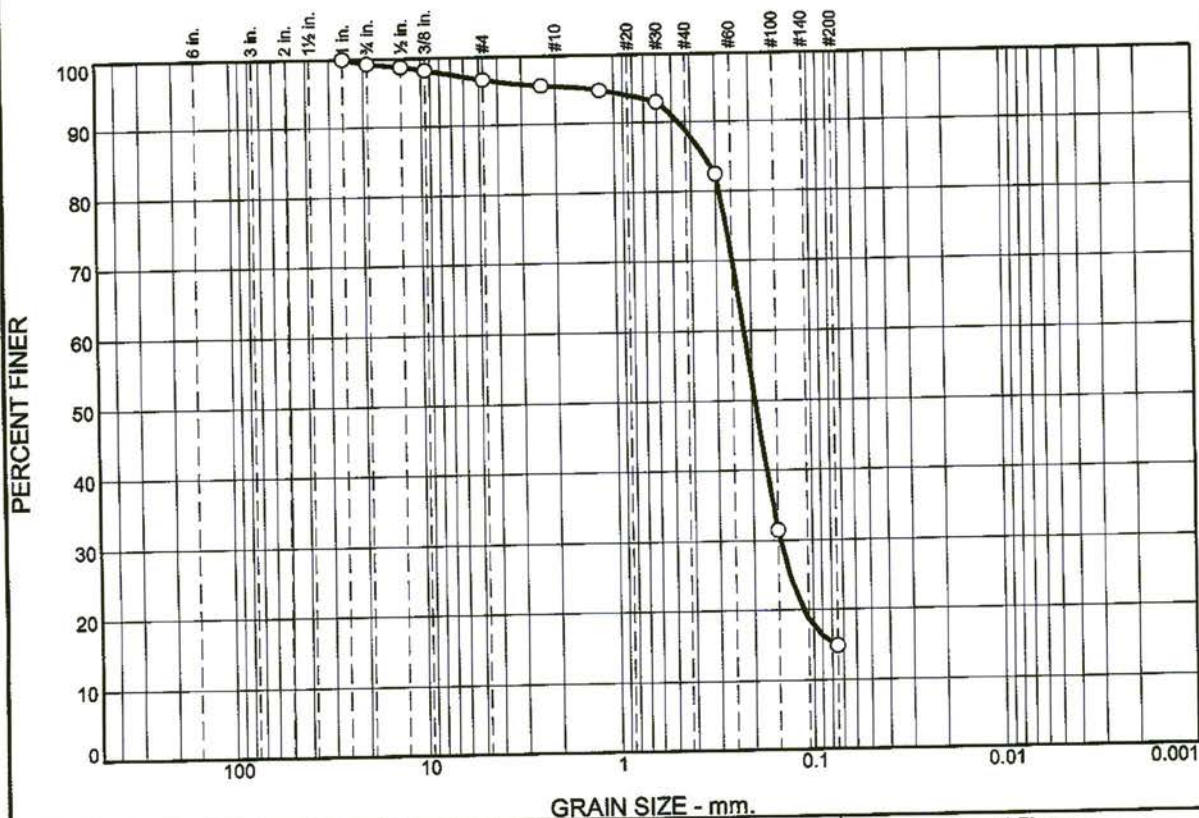
(no specification provided)

Sample Number: 1279      Depth: 8'      Date: 4-24-08  
 Location: Test Pit 50 (Lot 101)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 142   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.7      | 2.6  | 1.2    | 6.7    | 73.9 | 14.9    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1"         | 100.0         |                |              |
| 3/4        | 99.3          |                |              |
| 1/2        | 98.8          |                |              |
| 3/8        | 98.2          |                |              |
| #4         | 96.7          |                |              |
| #8         | 95.6          |                |              |
| #16        | 94.8          |                |              |
| #30        | 93.0          |                |              |
| #50        | 82.5          |                |              |
| #100       | 31.5          |                |              |
| #200       | 14.9          |                |              |

**Material Description**

Light brown silty sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3399      D<sub>60</sub>= 0.2186      D<sub>50</sub>= 0.1936  
 D<sub>30</sub>= 0.1462      D<sub>15</sub>= 0.0762      D<sub>10</sub>=  
 C<sub>u</sub>=                  C<sub>c</sub>=

**Classification**

USCS= SM      AASHTO=

**Remarks**

Moisture: 8.6

\* (no specification provided)

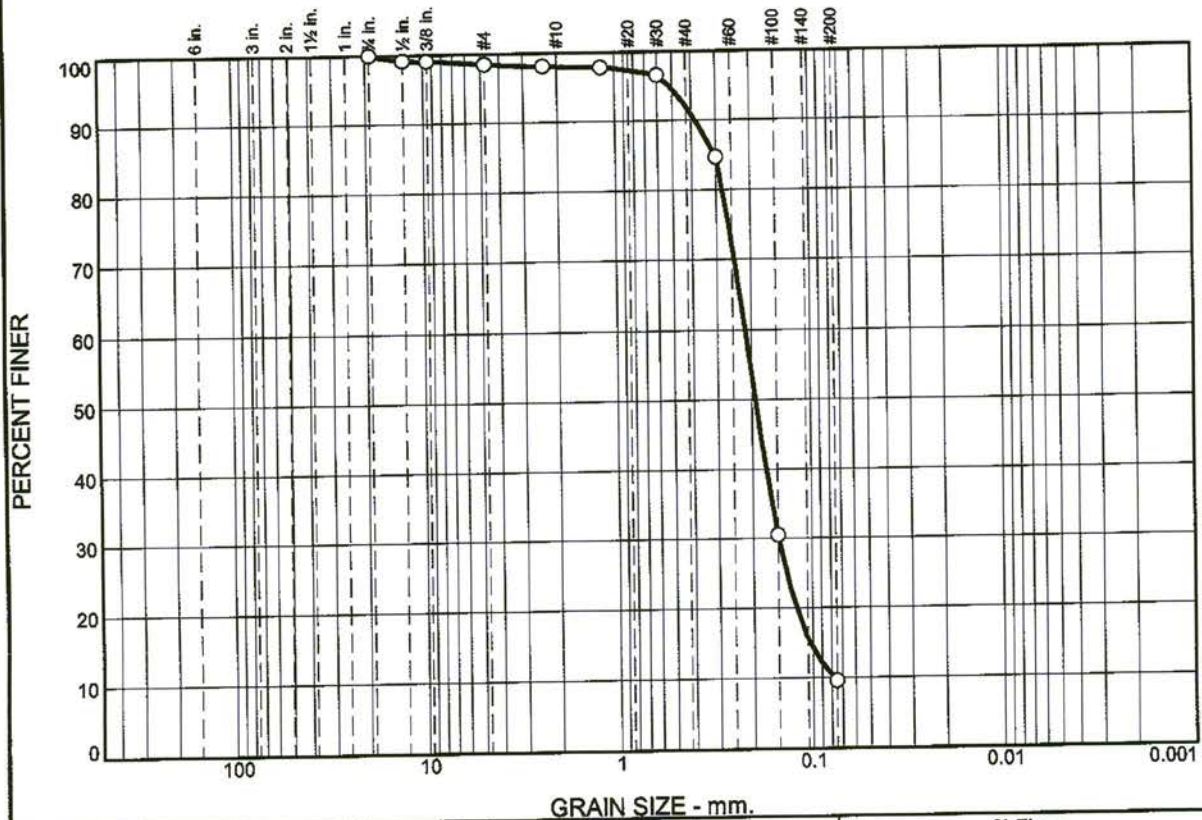
Sample Number: 1280      Depth: 9.5'      Date: 4-24-08  
 Location: Test Pit 51 (Lot 102)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
| Project No: 138-61                      | Figure 143                           |

Tested By: K. Gillespie



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.5  | 0.5    | 6.0    | 82.4 | 9.6     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4"       | 100.0         |                |              |
| 1/2        | 99.2          |                |              |
| 3/8        | 99.1          |                |              |
| #4         | 98.5          |                |              |
| #8         | 98.1          |                |              |
| #16        | 97.8          |                |              |
| #30        | 96.6          |                |              |
| #50        | 84.7          |                |              |
| #100       | 30.5          |                |              |
| #200       | 9.6           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3035      D<sub>60</sub>= 0.2162      D<sub>50</sub>= 0.1928  
 D<sub>30</sub>= 0.1489      D<sub>15</sub>= 0.1035      D<sub>10</sub>= 0.0774  
 C<sub>u</sub>= 2.79      C<sub>c</sub>= 1.32

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 5.3

\* (no specification provided)

Sample Number: 1281      Depth: 7'  
 Location: Test Pit 52 (Lot 102)

Date: 4-24-08

**Mesquite Material Testing, L.L.C**

Client: RFMS  
 Project: Hitters Subdivision Phase I

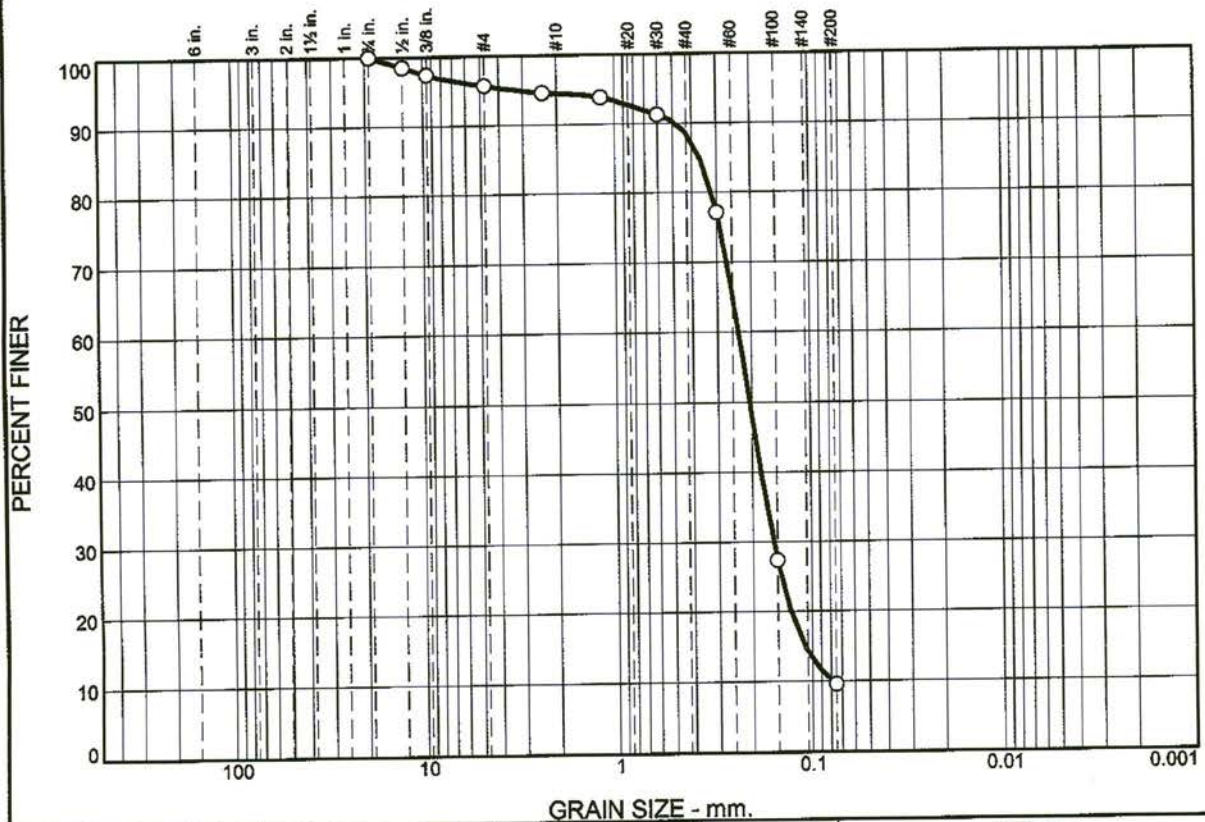
**Mesquite, NV**

Project No: 138-61

Figure 144

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 4.3  | 1.2    | 6.0    | 78.9 | 9.6     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 98.5          |                |              |
| 3/8        | 97.4          |                |              |
| #4         | 95.7          |                |              |
| #8         | 94.6          |                |              |
| #16        | 93.9          |                |              |
| #30        | 91.3          |                |              |
| #50        | 77.1          |                |              |
| #100       | 27.4          |                |              |
| #200       | 9.6           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3635      D<sub>60</sub>= 0.2332      D<sub>50</sub>= 0.2055  
 D<sub>30</sub>= 0.1567      D<sub>15</sub>= 0.1090      D<sub>10</sub>= 0.0784  
 C<sub>u</sub>= 2.97      C<sub>c</sub>= 1.34

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 7.9

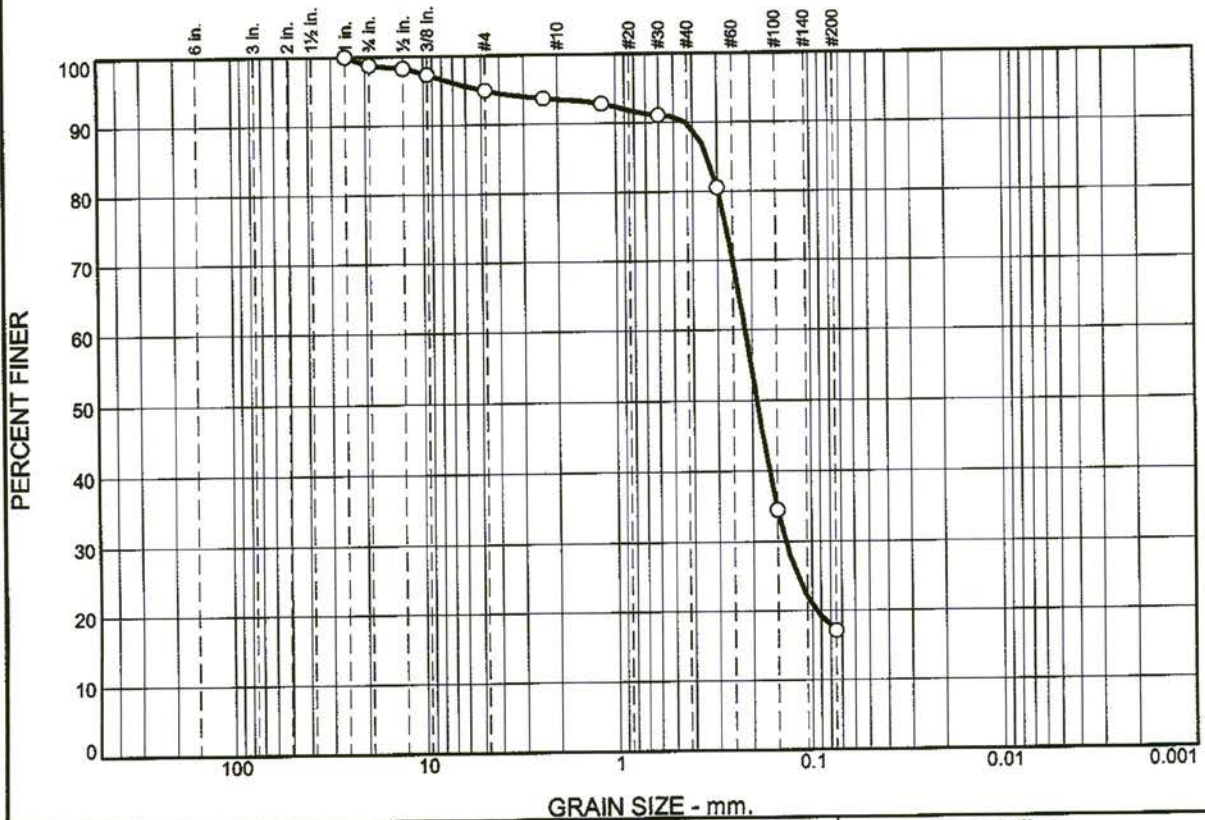
(no specification provided)

Sample Number: 1282      Depth: 13'      Date: 4-24-08  
 Location: Test Pit 53 (Lot 103)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 145   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 1.2      | 3.9  | 1.4    | 3.6    | 72.8 | 17.1    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1"         | 100.0         |                |              |
| 3/4"       | 98.8          |                |              |
| 1/2"       | 98.3          |                |              |
| 3/8"       | 97.3          |                |              |
| #4         | 94.9          |                |              |
| #8         | 93.7          |                |              |
| #16        | 92.8          |                |              |
| #30        | 91.1          |                |              |
| #50        | 80.6          |                |              |
| #100       | 34.6          |                |              |
| #200       | 17.1          |                |              |

**Material Description**

Light brown silty sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3353      D<sub>60</sub>= 0.2175      D<sub>50</sub>= 0.1900  
 D<sub>30</sub>= 0.1366      D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**

USCS= SM      AASHTO=

**Remarks**

Moisture: 7.8

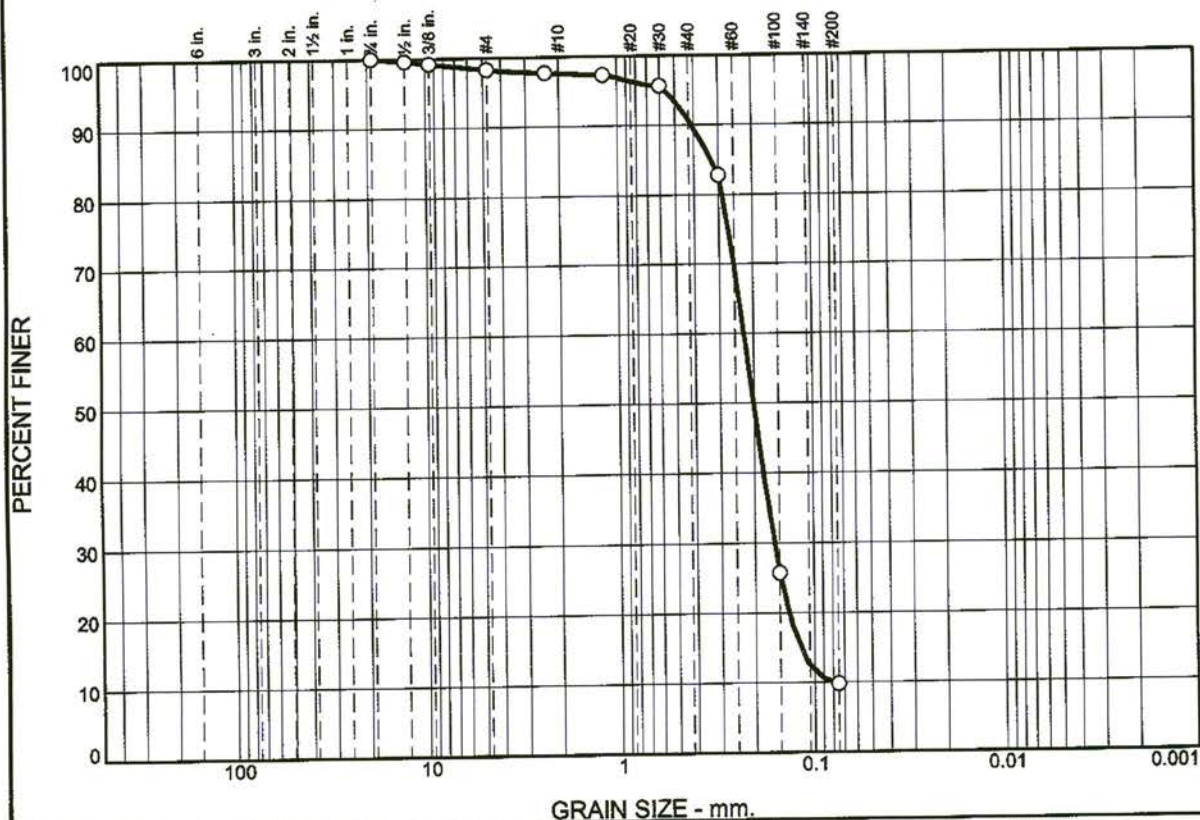
\* (no specification provided)

Sample Number: 1283      Depth: 5'      Date: 4-24-08  
 Location: Test Pit 54 (Lot 103)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 146   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.7  | 0.7    | 6.9    | 80.9 | 9.8     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.6          |                |              |
| 3/8        | 99.2          |                |              |
| #4         | 98.3          |                |              |
| #8         | 97.7          |                |              |
| #16        | 97.3          |                |              |
| #30        | 95.6          |                |              |
| #50        | 82.8          |                |              |
| #100       | 25.7          |                |              |
| #200       | 9.8           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3265      D<sub>60</sub>= 0.2249      D<sub>50</sub>= 0.2019  
D<sub>30</sub>= 0.1596      D<sub>15</sub>= 0.1181      D<sub>10</sub>= 0.0792  
C<sub>u</sub>= 2.84      C<sub>c</sub>= 1.43

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 6.5

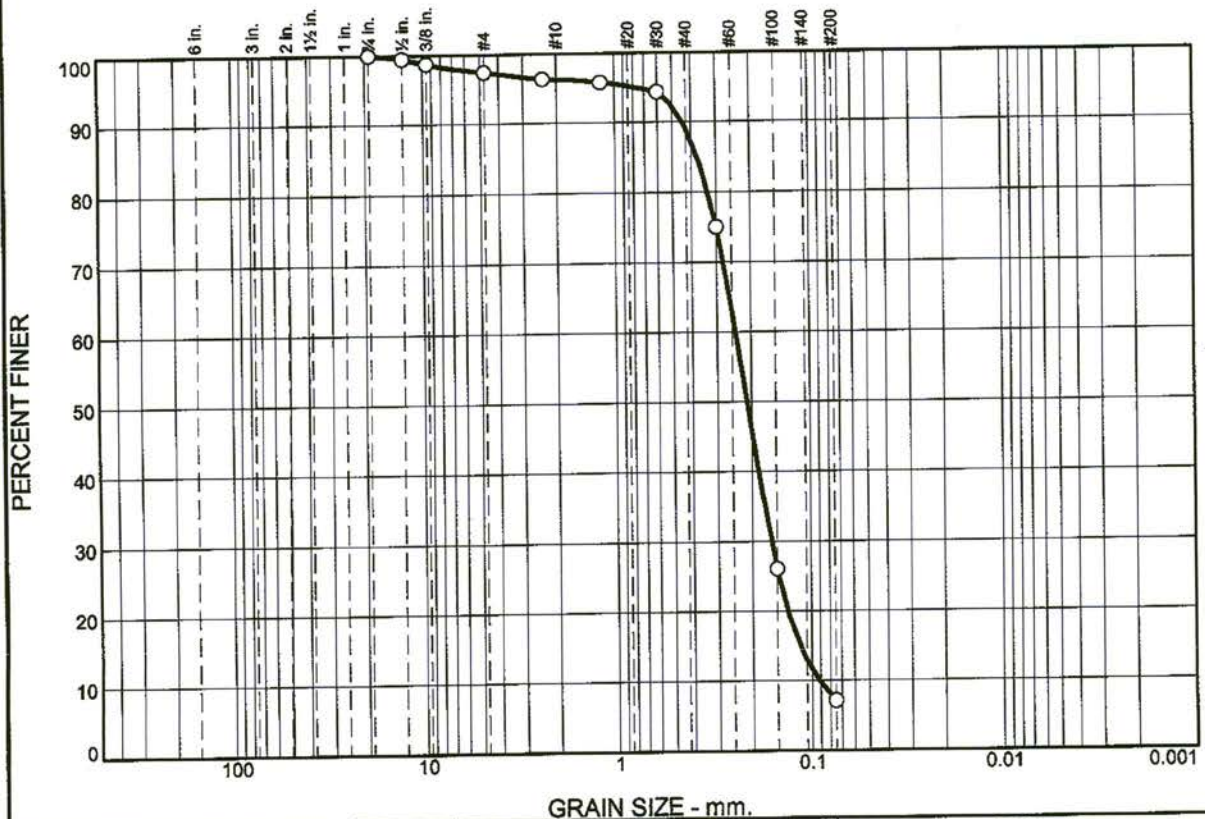
(no specification provided)

Sample Number: 1277      Depth: 8.5'      Date: 4-24-08  
Location: Test Pit 55 (Lot 104)

|   |   |
|---|---|
| <b>Mesquite Material Testing, L.L.C</b><br><br><p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <b>Client:</b> RFMS<br><b>Project:</b> Hitters Subdivision Phase I<br><br><b>Project No:</b> 138-61 <b>Figure</b> 147 |
|---|---|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.6  | 1.1    | 7.3    | 81.9 | 7.1     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.5          |                |              |
| 3/8        | 98.7          |                |              |
| #4         | 97.4          |                |              |
| #8         | 96.3          |                |              |
| #16        | 95.8          |                |              |
| #30        | 94.3          |                |              |
| #50        | 75.0          |                |              |
| #100       | 26.1          |                |              |
| #200       | 7.1           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3721      D<sub>60</sub>= 0.2405      D<sub>50</sub>= 0.2112  
D<sub>30</sub>= 0.1602      D<sub>15</sub>= 0.1148      D<sub>10</sub>= 0.0916  
C<sub>u</sub>= 2.62      C<sub>c</sub>= 1.16

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 6.4

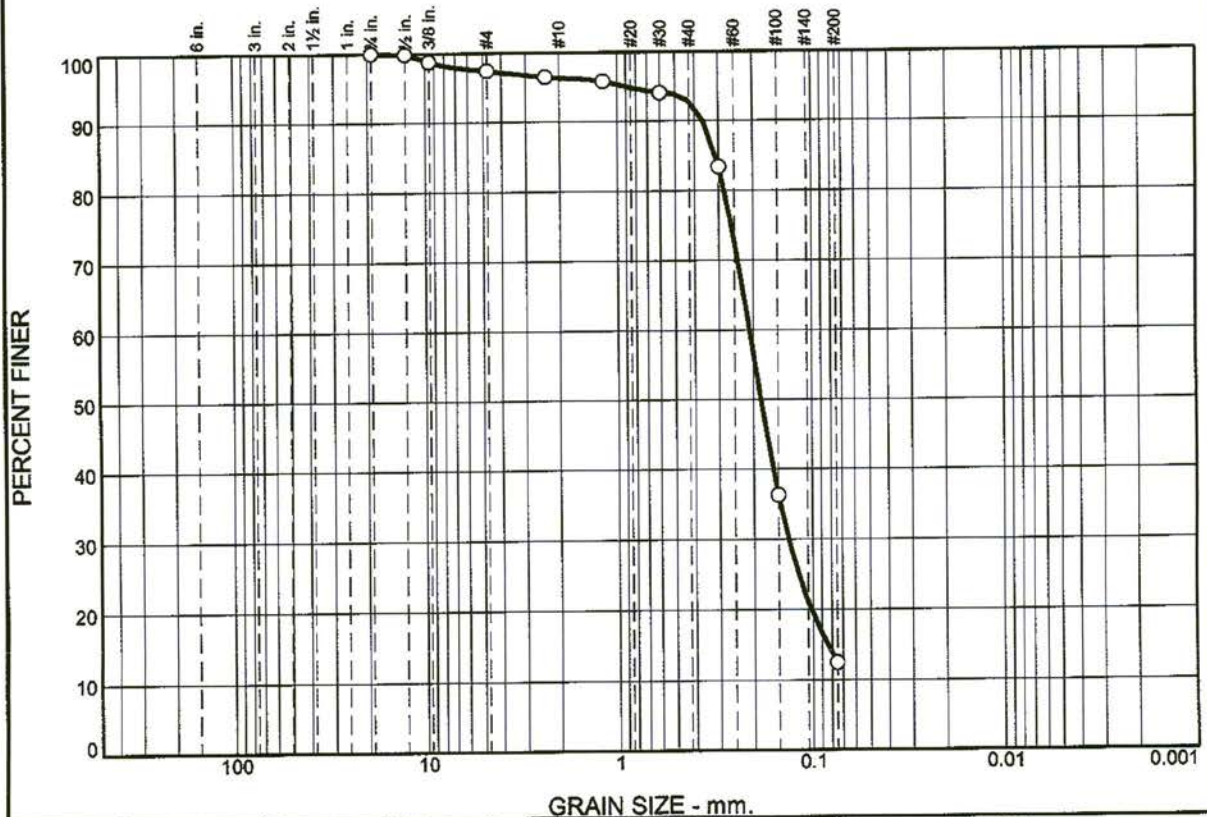
(no specification provided)

Sample Number: 1274      Depth: 3'      Date: 4-24-08  
Location: Test Pit 56 (Lot 104)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 148   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.6  | 1.1    | 3.5    | 80.3 | 12.5    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.9          |                |              |
| 3/8        | 98.8          |                |              |
| #4         | 97.4          |                |              |
| #8         | 96.4          |                |              |
| #16        | 95.7          |                |              |
| #30        | 94.1          |                |              |
| #50        | 83.4          |                |              |
| #100       | 36.3          |                |              |
| #200       | 12.5          |                |              |

**Material Description**

Light brown silty sand

PL= NP      **Atterberg Limits**      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3107      D<sub>60</sub>= 0.2096      D<sub>50</sub>= 0.1835  
D<sub>30</sub>= 0.1333      D<sub>15</sub>= 0.0840      D<sub>10</sub>=  
C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**

USCS= SM                      AASHTO=

**Remarks**

Moisture: 7.3

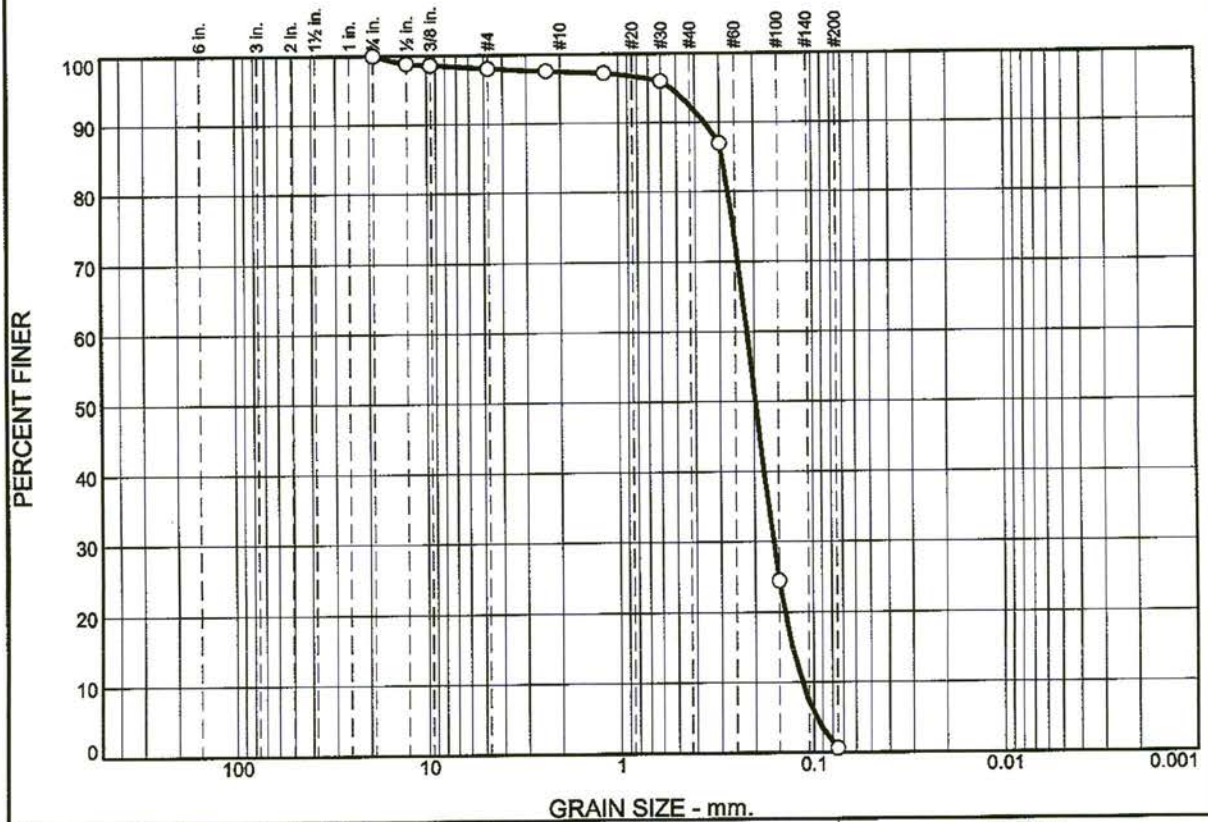
(no specification provided)

Sample Number: 1272      Depth: 7'      Date: 4-24-08  
Location: Test Pit 57 (Lot 105)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61                   |
|   | Figure 149                           |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.0  | 0.5    | 5.0    | 91.9 | 0.6     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 98.9          |                |              |
| 3/8        | 98.6          |                |              |
| #4         | 98.0          |                |              |
| #8         | 97.6          |                |              |
| #16        | 97.3          |                |              |
| #30        | 96.0          |                |              |
| #50        | 87.0          |                |              |
| #100       | 24.5          |                |              |
| #200       | 0.6           |                |              |

**Material Description**

Light brown poorly graded sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.2906      D<sub>60</sub>= 0.2183      D<sub>50</sub>= 0.1979  
D<sub>30</sub>= 0.1606      D<sub>15</sub>= 0.1289      D<sub>10</sub>= 0.1151  
C<sub>u</sub>= 1.90      C<sub>c</sub>= 1.03

**Classification**

USCS= SP      AASHTO=

**Remarks**

Moisture: 6.3

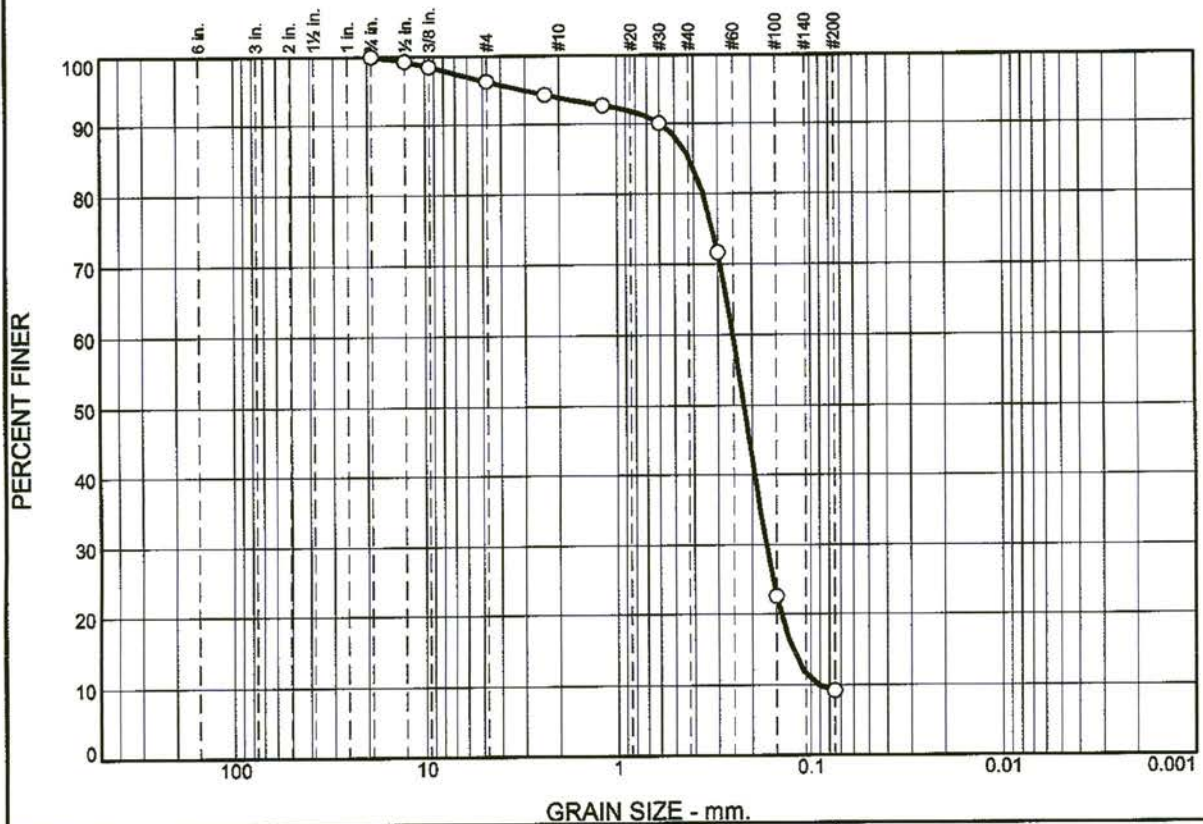
(no specification provided)

Sample Number: 1276      Depth: 4.5'      Date: 4-24-08  
Location: Test Pit 58 (Lot 105)

|   |   |
|---|---|
| <b>Mesquite Material Testing, L.L.C</b><br><br><p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <b>Client:</b> RFMS<br><b>Project:</b> Hitters Subdivision Phase I<br><br><b>Project No:</b> 138-61 <b>Figure</b> 150 |
|---|---|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 3.7  | 2.4    | 8.6    | 76.1 | 9.2     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.3          |                |              |
| 3/8        | 98.5          |                |              |
| #4         | 96.3          |                |              |
| #8         | 94.3          |                |              |
| #16        | 92.7          |                |              |
| #30        | 90.1          |                |              |
| #50        | 71.7          |                |              |
| #100       | 22.6          |                |              |
| #200       | 9.2           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.4203      D<sub>60</sub>= 0.2521      D<sub>50</sub>= 0.2214  
 D<sub>30</sub>= 0.1696      D<sub>15</sub>= 0.1241      D<sub>10</sub>= 0.0910  
 C<sub>u</sub>= 2.77      C<sub>c</sub>= 1.25

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 8.4

(no specification provided)

Sample Number: 1275  
 Location: Test Pit 59 (Lot 106)

Depth: 11'

Date: 4-24-08

**Mesquite Material Testing, L.L.C**

Client: RFMS  
 Project: Hitters Subdivision Phase I

**Mesquite, NV**

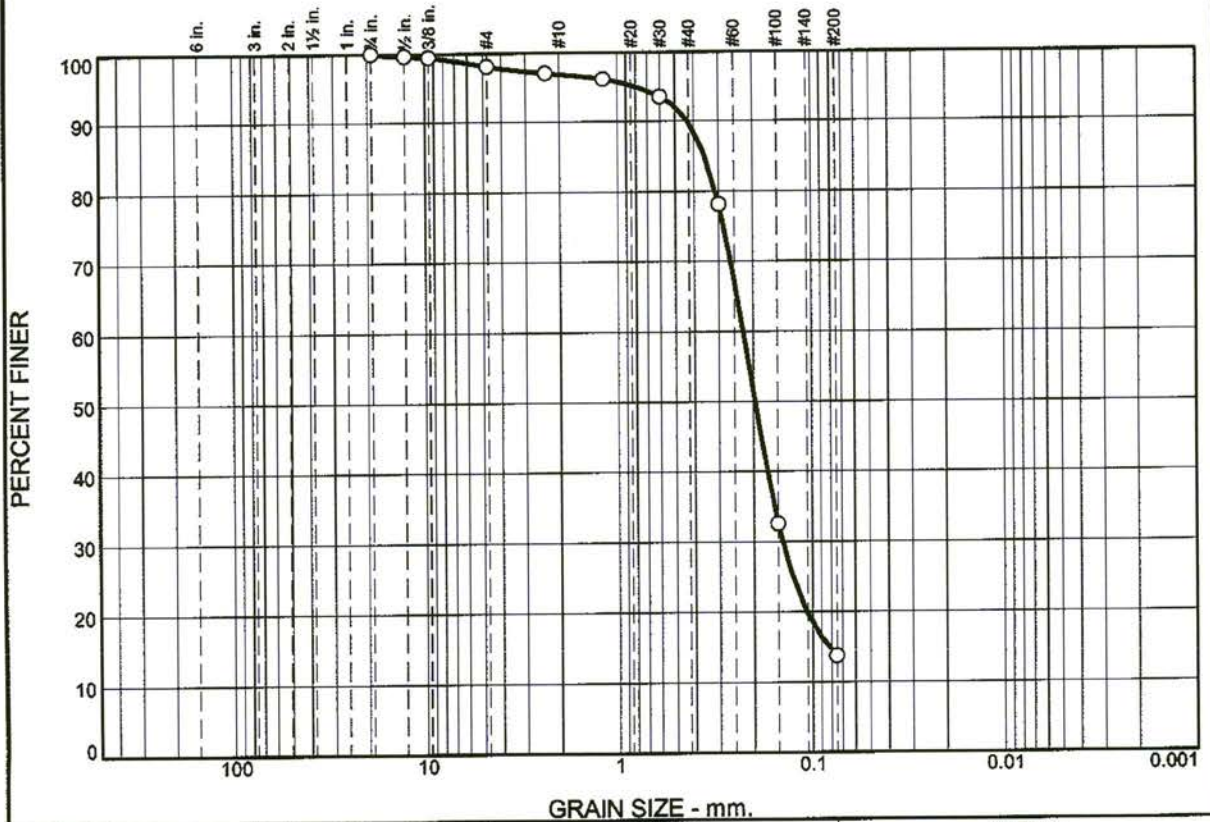
Project No: 138-61

Figure 151

Tested By: K. Gillespie



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.9  | 1.2    | 7.1    | 76.0 | 13.8    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.6          |                |              |
| 3/8        | 99.5          |                |              |
| #4         | 98.1          |                |              |
| #8         | 97.1          |                |              |
| #16        | 96.1          |                |              |
| #30        | 93.5          |                |              |
| #50        | 78.2          |                |              |
| #100       | 32.6          |                |              |
| #200       | 13.8          |                |              |

**Material Description**

Light brown silty sand

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3531      D<sub>60</sub>= 0.2255      D<sub>50</sub>= 0.1964  
 D<sub>30</sub>= 0.1426      D<sub>15</sub>= 0.0819      D<sub>10</sub>=  
 C<sub>u</sub>=                  C<sub>c</sub>=

**Classification**  
 USCS= SM      AASHTO=

**Remarks**

Moisture: 8.2

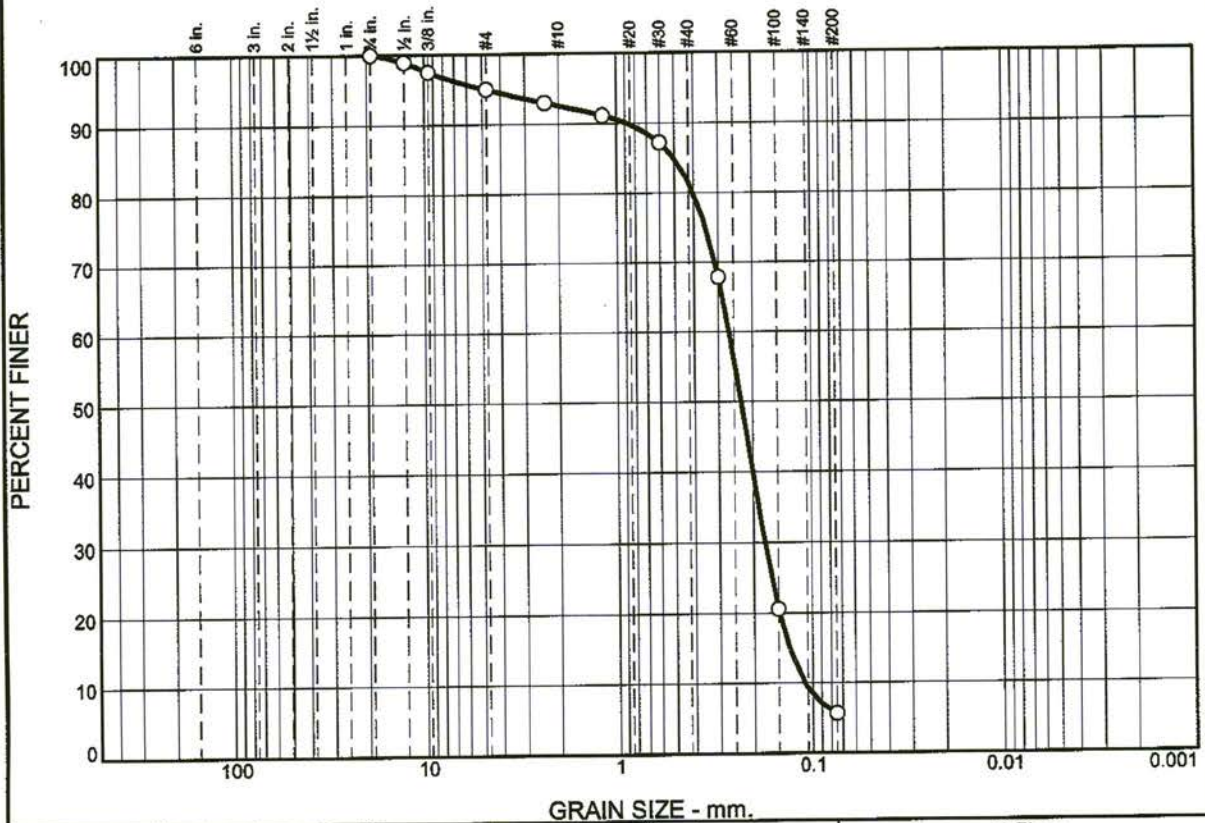
(no specification provided)

Sample Number: 1273      Depth: 2'      Date: 4-24-08  
 Location: Test Pit 60 (Lot 106)

|   |  |
|---|--|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/>                 Project: Hitters Subdivision Phase I<br/>                 Project No: 138-61</p> <p style="text-align: right;">Figure 152</p> |
|---|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 5.1  | 2.3    | 11.0   | 76.0 | 5.6     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.0          |                |              |
| 3/8        | 97.5          |                |              |
| #4         | 94.9          |                |              |
| #8         | 93.0          |                |              |
| #16        | 91.2          |                |              |
| #30        | 87.2          |                |              |
| #50        | 67.9          |                |              |
| #100       | 20.6          |                |              |
| #200       | 5.6           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.5029      D<sub>60</sub>= 0.2646      D<sub>50</sub>= 0.2303  
 D<sub>30</sub>= 0.1752      D<sub>15</sub>= 0.1318      D<sub>10</sub>= 0.1102  
 C<sub>u</sub>= 2.40      C<sub>c</sub>= 1.05

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 5.1

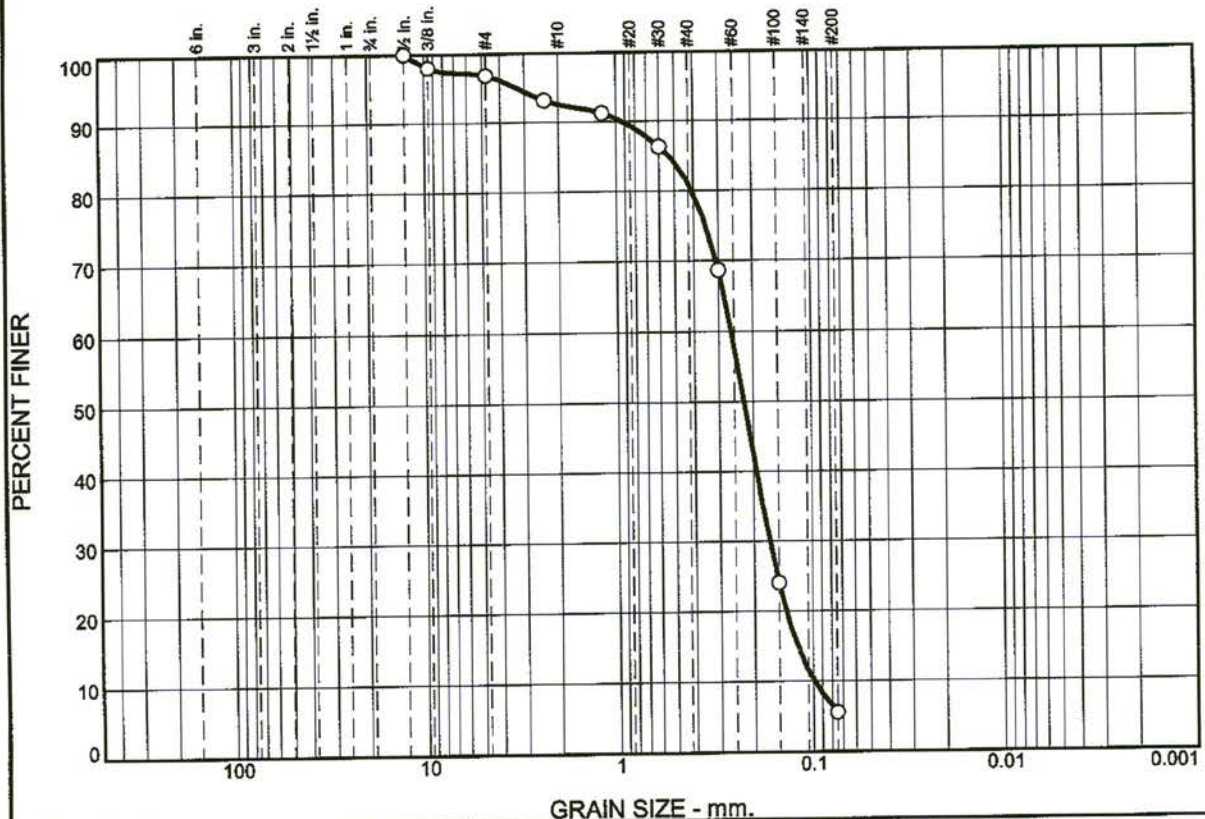
\* (no specification provided)

Sample Number: 1288      Depth: 4'      Date: 4-25-08  
 Location: Test Pit 61 (Lot 107)

|   |  |
|---|--|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center;"><b>Mesquite, NV</b></p> | <p>Client: RFMS</p> <p>Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61</p> <p style="text-align: right;">Figure 153</p> |
|---|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 3.1  | 4.4    | 11.4   | 75.6 | 5.5     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 98.0          |                |              |
| #4         | 96.9          |                |              |
| #8         | 93.1          |                |              |
| #16        | 91.2          |                |              |
| #30        | 86.3          |                |              |
| #50        | 68.6          |                |              |
| #100       | 24.0          |                |              |
| #200       | 5.5           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.5355      D<sub>60</sub>= 0.2589      D<sub>50</sub>= 0.2234  
D<sub>30</sub>= 0.1666      D<sub>15</sub>= 0.1204      D<sub>10</sub>= 0.0989  
C<sub>u</sub>= 2.62      C<sub>c</sub>= 1.08

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 5.8

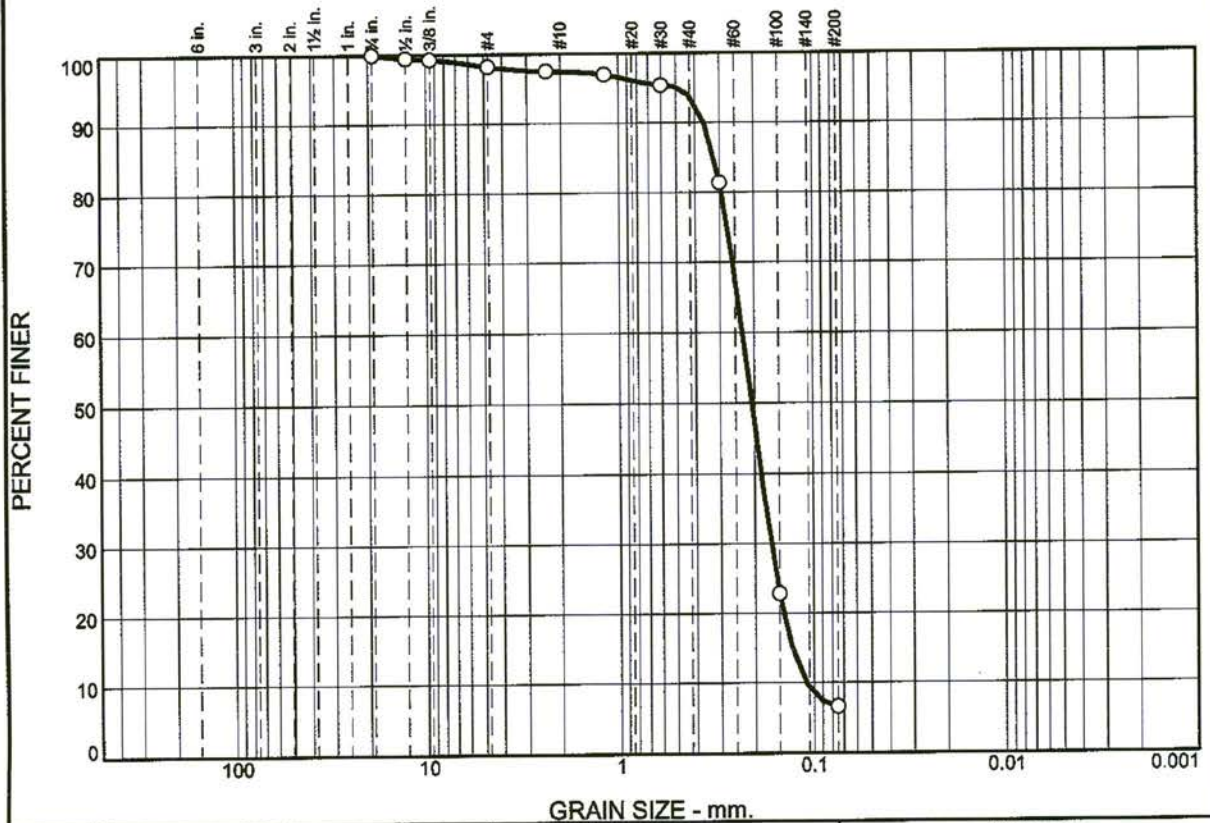
(no specification provided)

Sample Number: 1287      Depth: 7'      Date: 4-25-08  
Location: Test Pit 62 (Lot 107)

|   |   |
|---|---|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/> Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61      Figure 154</p> |
|---|---|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.8  | 0.8    | 3.7    | 87.1 | 6.6     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.5          |                |              |
| 3/8        | 99.3          |                |              |
| #4         | 98.2          |                |              |
| #8         | 97.5          |                |              |
| #16        | 97.0          |                |              |
| #30        | 95.4          |                |              |
| #50        | 81.4          |                |              |
| #100       | 22.9          |                |              |
| #200       | 6.6           |                |              |

**Material Description**  
Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3200      D<sub>60</sub>= 0.2301      D<sub>50</sub>= 0.2070  
 D<sub>30</sub>= 0.1655      D<sub>15</sub>= 0.1291      D<sub>10</sub>= 0.1095  
 C<sub>u</sub>= 2.10      C<sub>c</sub>= 1.09

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 6.7

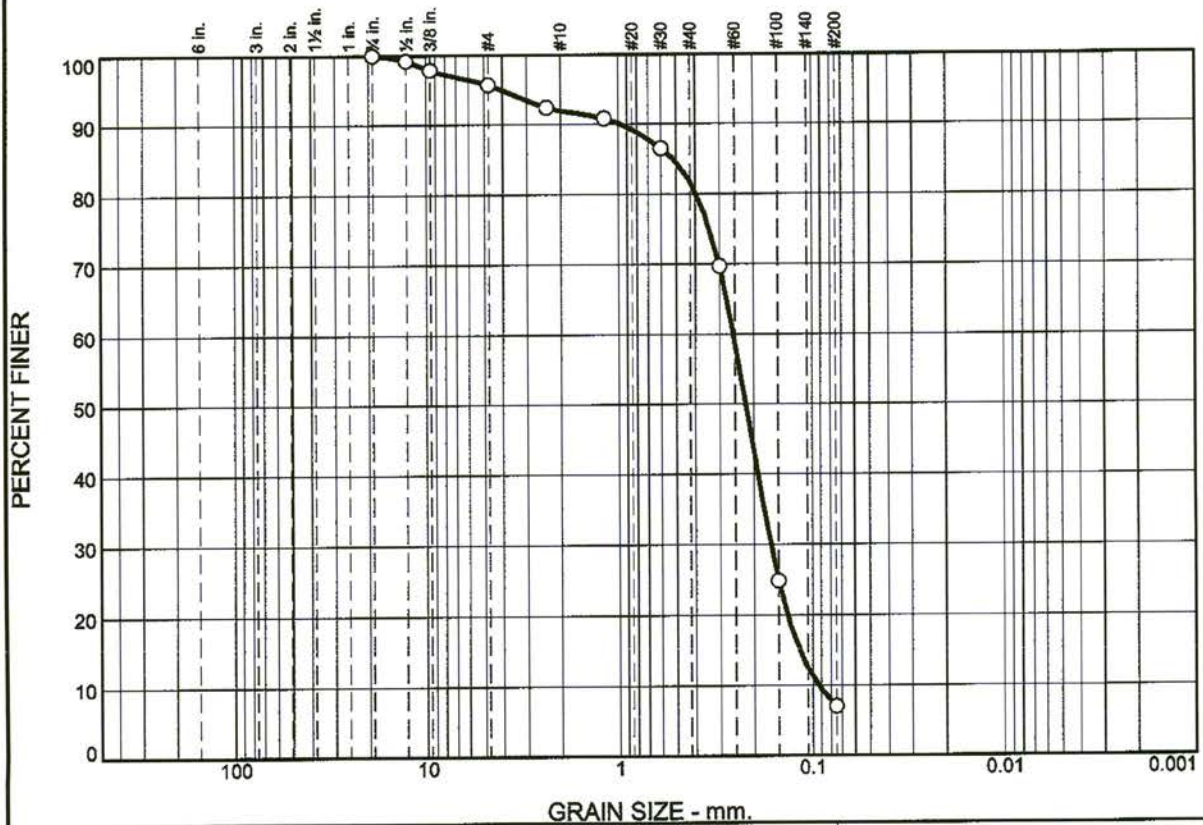
\* (no specification provided)

Sample Number: 1286      Depth: 3'      Date: 4-25-08  
 Location: Test Pit 63 (Lot 108)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 155   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 4.3  | 3.8    | 10.1   | 74.8 | 7.0     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.2          |                |              |
| 3/8        | 97.8          |                |              |
| #4         | 95.7          |                |              |
| #8         | 92.4          |                |              |
| #16        | 90.8          |                |              |
| #30        | 86.5          |                |              |
| #50        | 69.7          |                |              |
| #100       | 24.8          |                |              |
| #200       | 7.0           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.5177      D<sub>60</sub>= 0.2548      D<sub>50</sub>= 0.2204  
 D<sub>30</sub>= 0.1644      D<sub>15</sub>= 0.1169      D<sub>10</sub>= 0.0929  
 C<sub>u</sub>= 2.74      C<sub>c</sub>= 1.14

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 7.2

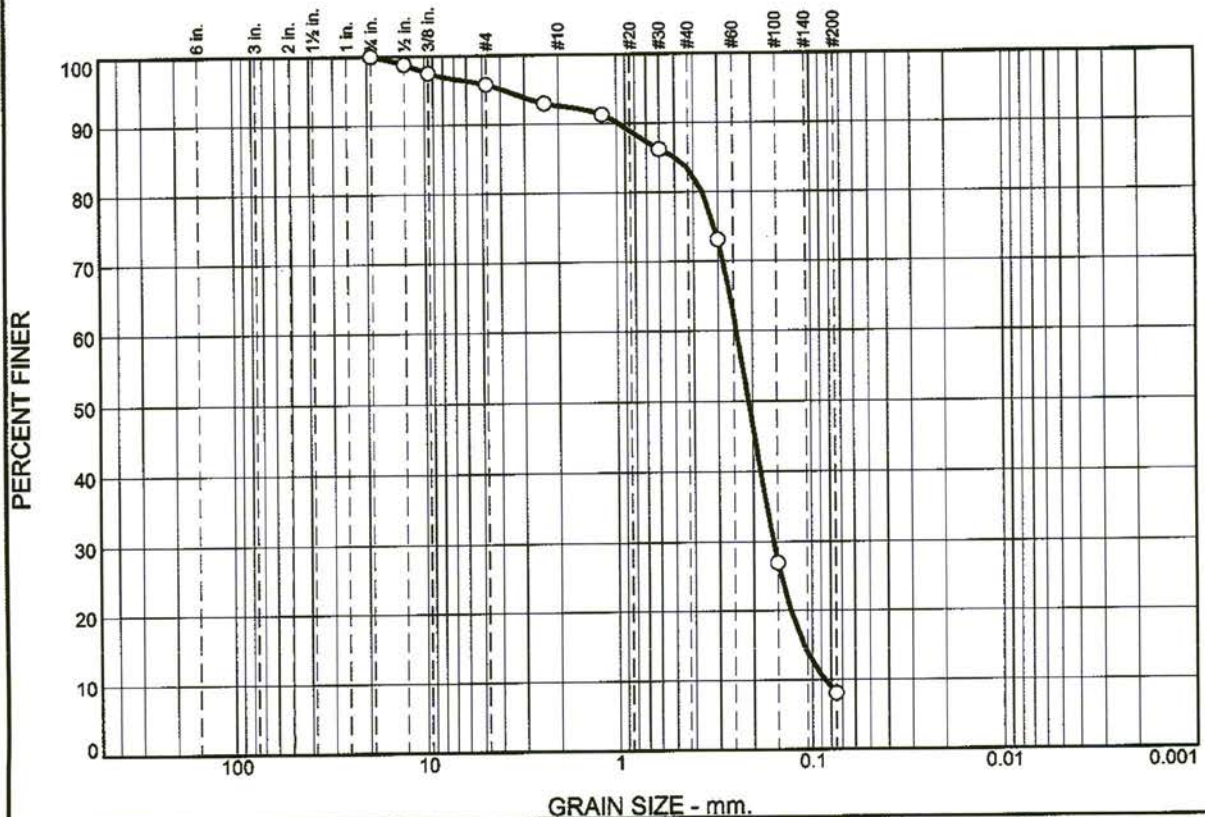
\* (no specification provided)

Sample Number: 1285      Depth: 11'      Date: 4-25-08  
 Location: Test Pit 64 (Lot 108)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 156   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 4.2  | 3.2    | 9.2    | 75.3 | 8.1     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 98.8          |                |              |
| 3/8        | 97.5          |                |              |
| #4         | 95.8          |                |              |
| #8         | 93.0          |                |              |
| #16        | 91.3          |                |              |
| #30        | 86.2          |                |              |
| #50        | 73.1          |                |              |
| #100       | 27.0          |                |              |
| #200       | 8.1           |                |              |

(no specification provided)

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.4952      D<sub>60</sub>= 0.2416      D<sub>50</sub>= 0.2105  
D<sub>30</sub>= 0.1580      D<sub>15</sub>= 0.1106      D<sub>10</sub>= 0.0860  
C<sub>u</sub>= 2.81      C<sub>c</sub>= 1.20

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 8.1

Sample Number: 1289      Depth: 9'  
 Location: Test Pit 65 (Lot 109)

Date: 6-8-08

**Mesquite Material Testing, L.L.C**

Client: RFMS  
 Project: Hitters Subdivision Phase I

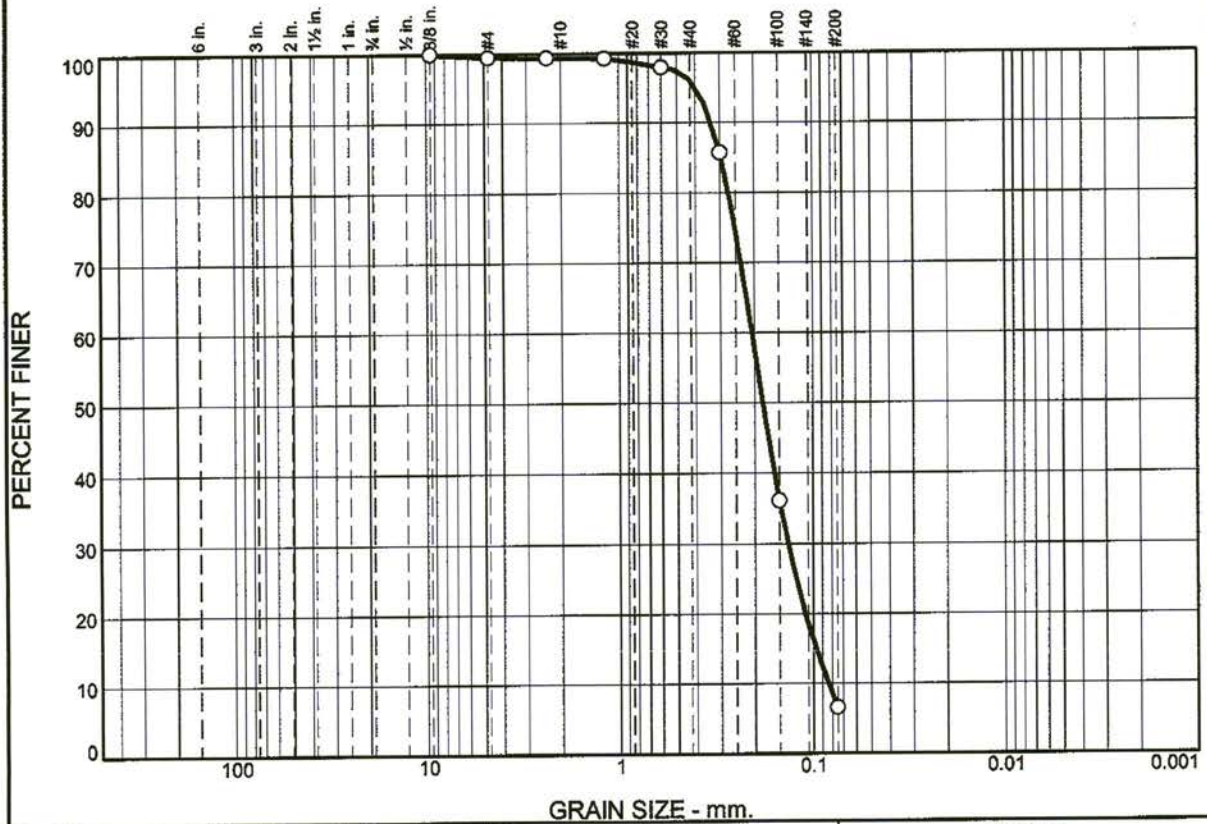
**Mesquite, NV**

Project No: 138-61

Figure 157

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.5  | 0.2    | 3.3    | 89.4 | 6.6     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 99.5          |                |              |
| #8         | 99.4          |                |              |
| #16        | 99.3          |                |              |
| #30        | 97.9          |                |              |
| #50        | 85.7          |                |              |
| #100       | 36.2          |                |              |
| #200       | 6.6           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.2959      D<sub>60</sub>= 0.2061      D<sub>50</sub>= 0.1816  
D<sub>30</sub>= 0.1355      D<sub>15</sub>= 0.0969      D<sub>10</sub>= 0.0836  
C<sub>u</sub>= 2.47      C<sub>c</sub>= 1.07

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 4.4

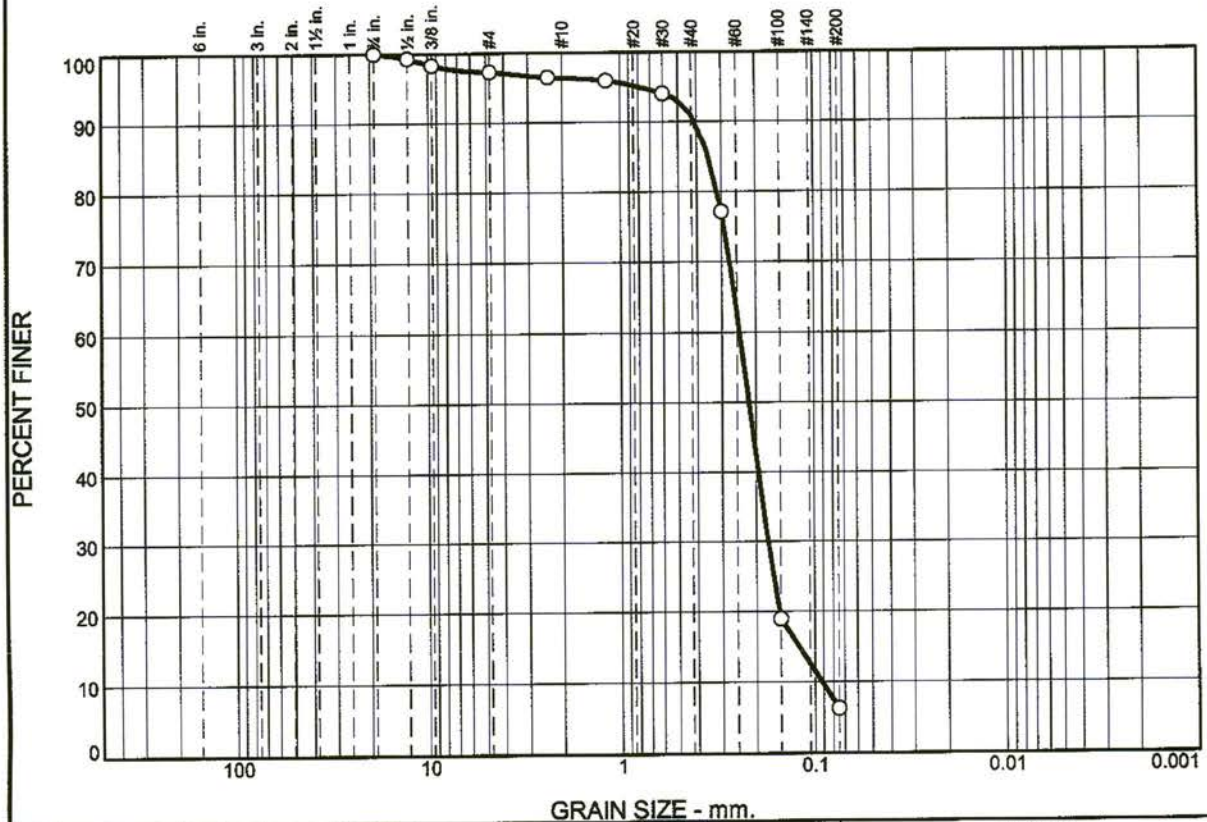
(no specification provided)

Sample Number: 1290      Depth: 8.5'      Date: 6-6-08  
Location: Test Pit 66 (Lot 109)

|   |  |
|---|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 158 |
|---|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.7  | 0.9    | 5.5    | 84.6 | 6.3     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.3          |                |              |
| 3/8        | 98.3          |                |              |
| #4         | 97.3          |                |              |
| #8         | 96.5          |                |              |
| #16        | 95.9          |                |              |
| #30        | 94.0          |                |              |
| #50        | 77.1          |                |              |
| #100       | 19.0          |                |              |
| #200       | 6.3           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3485      D<sub>60</sub>= 0.2421      D<sub>50</sub>= 0.2173  
 D<sub>30</sub>= 0.1744      D<sub>15</sub>= 0.1207      D<sub>10</sub>= 0.0919  
 C<sub>u</sub>= 2.63      C<sub>c</sub>= 1.37

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 5.7

\* (no specification provided)

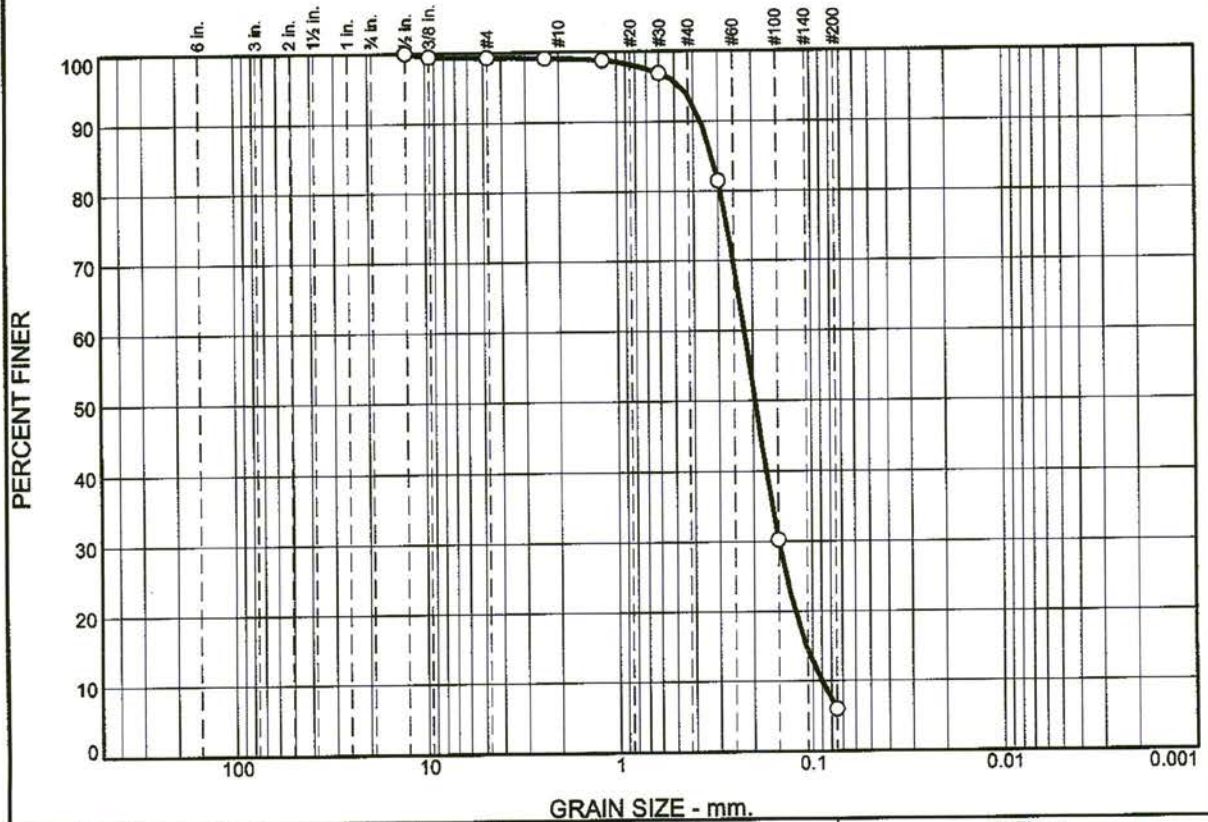
Sample Number: 1296      Depth: 6'      Date: 4-25-08  
 Location: Test Pit 67 (Lot 110)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 159   |

Tested By: K. Gillespie



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.7  | 0.2    | 5.5    | 87.6 | 6.0     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.4          |                |              |
| #4         | 99.3          |                |              |
| #8         | 99.1          |                |              |
| #16        | 98.8          |                |              |
| #30        | 96.9          |                |              |
| #50        | 81.5          |                |              |
| #100       | 30.2          |                |              |
| #200       | 6.0           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3216      D<sub>60</sub>= 0.2215      D<sub>50</sub>= 0.1959  
 D<sub>30</sub>= 0.1494      D<sub>15</sub>= 0.1076      D<sub>10</sub>= 0.0899  
 C<sub>u</sub>= 2.46      C<sub>c</sub>= 1.12

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 5.9

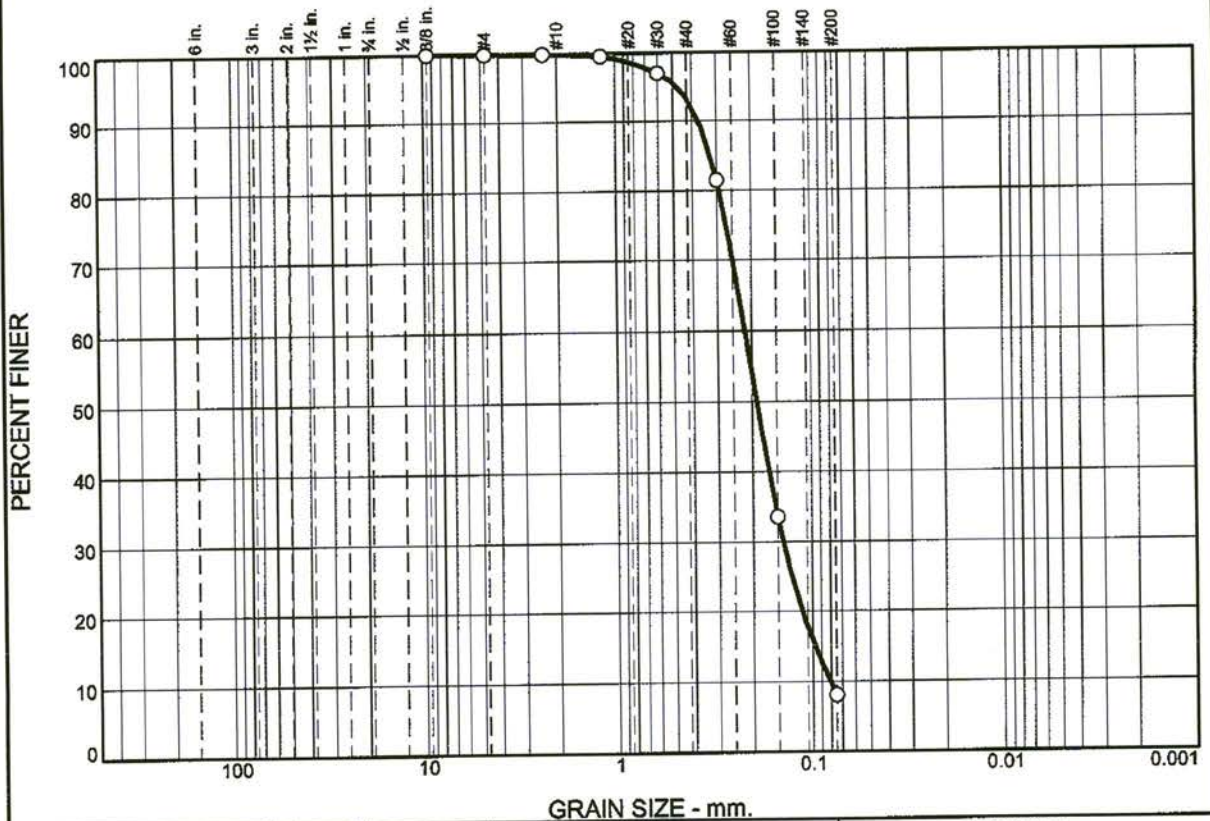
(no specification provided)

Sample Number: 1291      Depth: 2'      Date: 6-6-08  
 Location: Test Pit 68 (Lot 110)

|   |   |
|---|---|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/>                 Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61      Figure 160</p> |
|---|---|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.1  | 0.0    | 6.7    | 85.1 | 8.1     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 99.9          |                |              |
| #8         | 99.9          |                |              |
| #16        | 99.6          |                |              |
| #30        | 97.0          |                |              |
| #50        | 81.5          |                |              |
| #100       | 33.6          |                |              |
| #200       | 8.1           |                |              |

**Material Description**

Poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3231      D<sub>60</sub>= 0.2172      D<sub>50</sub>= 0.1903  
 D<sub>30</sub>= 0.1409      D<sub>15</sub>= 0.0972      D<sub>10</sub>= 0.0810  
 C<sub>u</sub>= 2.68      C<sub>c</sub>= 1.13

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 6.3

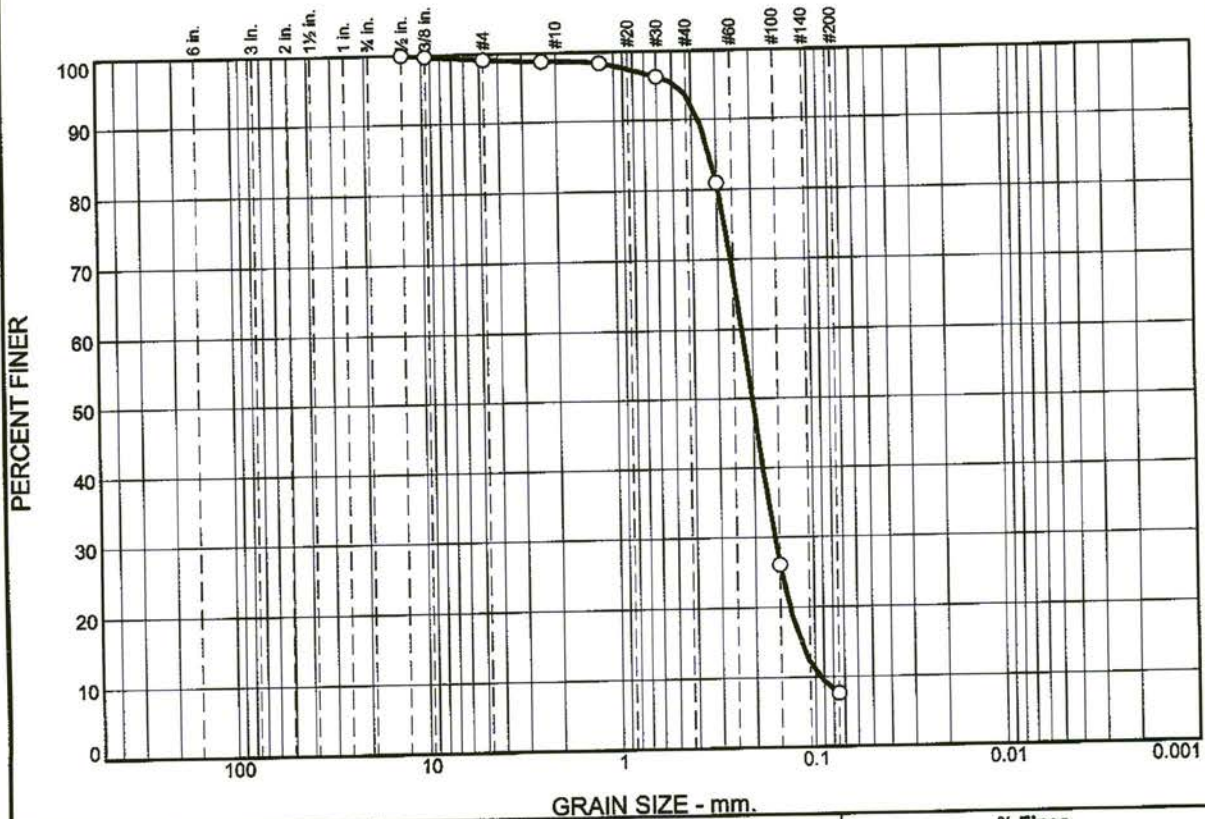
\* (no specification provided)

Sample Number: 1292      Depth: 10'      Date: 6-6-08  
 Location: Test Pit 69 (Lot 111)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 161   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.8  | 0.5    | 5.2    | 85.9 | 7.6     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.7          |                |              |
| #4         | 99.2          |                |              |
| #8         | 98.8          |                |              |
| #16        | 98.3          |                |              |
| #30        | 96.2          |                |              |
| #50        | 81.0          |                |              |
| #100       | 26.0          |                |              |
| #200       | 7.6           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3235      D<sub>60</sub>= 0.2278      D<sub>50</sub>= 0.2033  
 D<sub>30</sub>= 0.1592      D<sub>15</sub>= 0.1179      D<sub>10</sub>= 0.0939  
 C<sub>u</sub>= 2.43      C<sub>c</sub>= 1.18

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 6.3

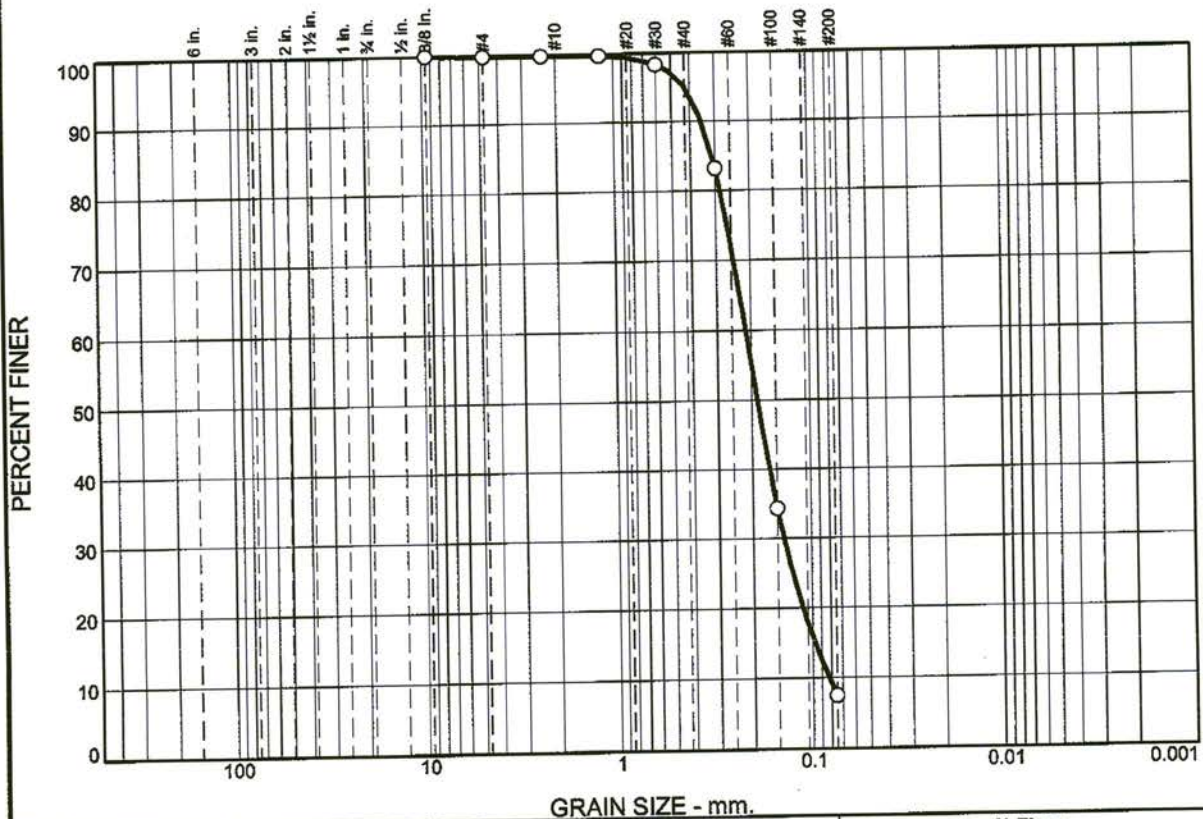
(no specification provided)

Sample Number: 1297      Depth: 12'      Date: 4-25-08  
 Location: Test Pit 70 (Lot 111)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
| Project No: 138-61                      | Figure 162                           |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.2  | 0.0    | 4.9    | 87.4 | 7.5     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 99.8          |                |              |
| #8         | 99.8          |                |              |
| #16        | 99.7          |                |              |
| #30        | 98.3          |                |              |
| #50        | 83.2          |                |              |
| #100       | 34.3          |                |              |
| #200       | 7.5           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3109      D<sub>60</sub>= 0.2133      D<sub>50</sub>= 0.1874  
 D<sub>30</sub>= 0.1394      D<sub>15</sub>= 0.0974      D<sub>10</sub>= 0.0822  
 C<sub>u</sub>= 2.60      C<sub>c</sub>= 1.11

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 4.3

(no specification provided)

Sample Number: 1293      Depth: 5'      Date: 6-6-08  
 Location: Test Pit 71 (Lot 112)

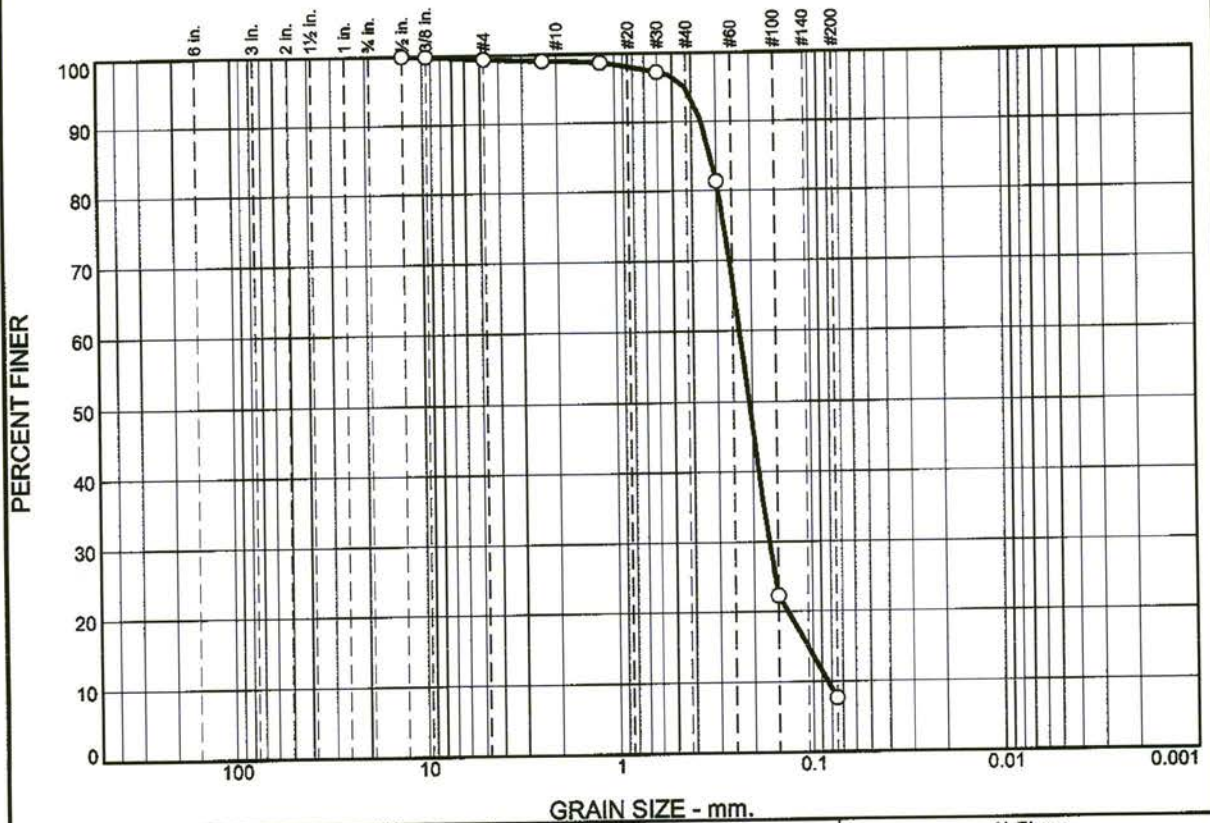
**Mesquite Material Testing, L.L.C**  
**Mesquite, NV**

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No: 138-61

Figure 163

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.6  | 0.4    | 4.3    | 87.0 | 7.7     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.9          |                |              |
| #4         | 99.4          |                |              |
| #8         | 99.1          |                |              |
| #16        | 98.7          |                |              |
| #30        | 97.3          |                |              |
| #50        | 81.4          |                |              |
| #100       | 22.3          |                |              |
| #200       | 7.7           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3191      D<sub>60</sub>= 0.2314      D<sub>50</sub>= 0.2083  
 D<sub>30</sub>= 0.1668      D<sub>15</sub>= 0.1061      D<sub>10</sub>= 0.0837  
 C<sub>u</sub>= 2.76      C<sub>c</sub>= 1.44

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 5.3

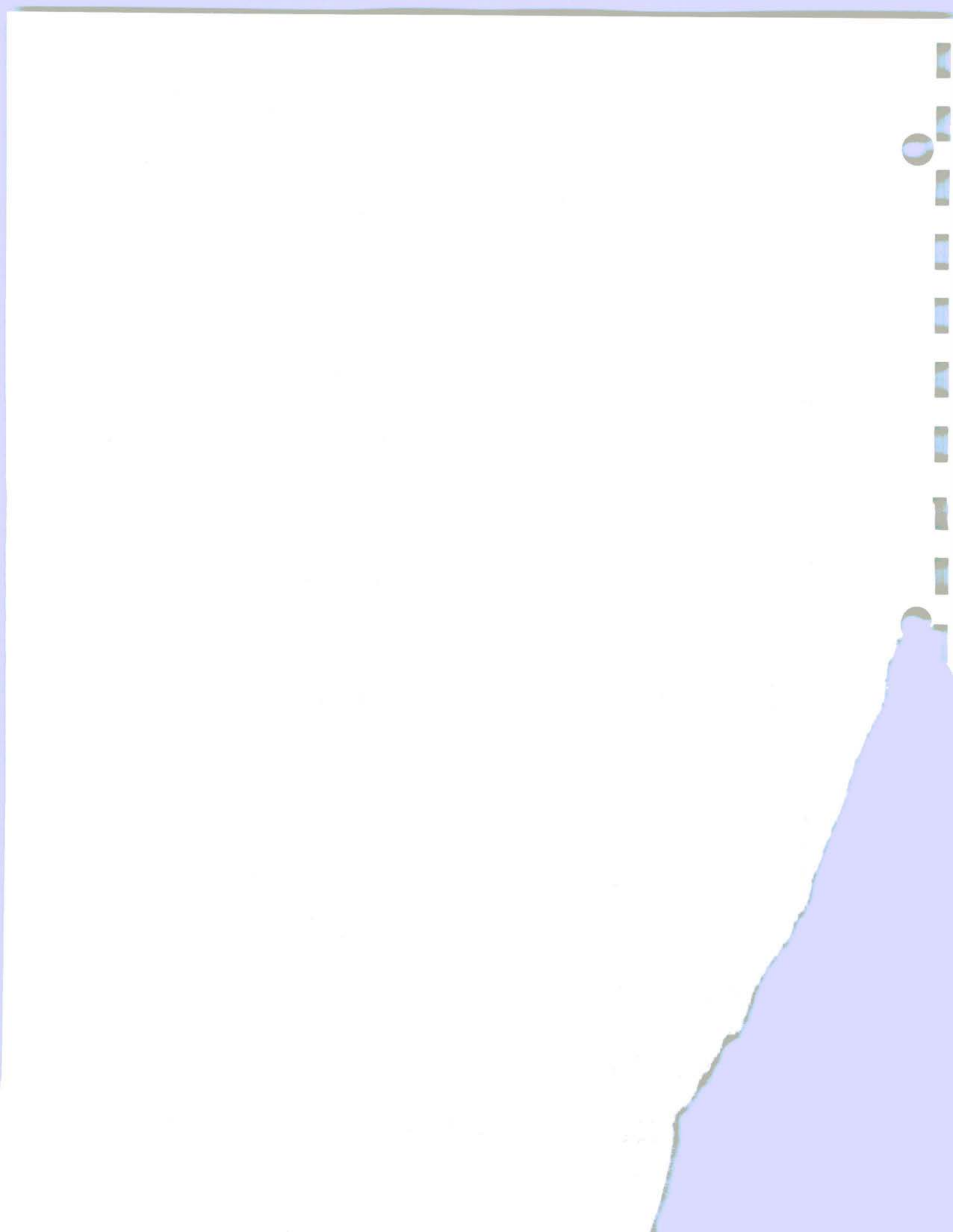
\* (no specification provided)

Sample Number: 1295      Depth: 9'      Date: 4-25-08  
 Location: Test Pit 72 (Lot 112)

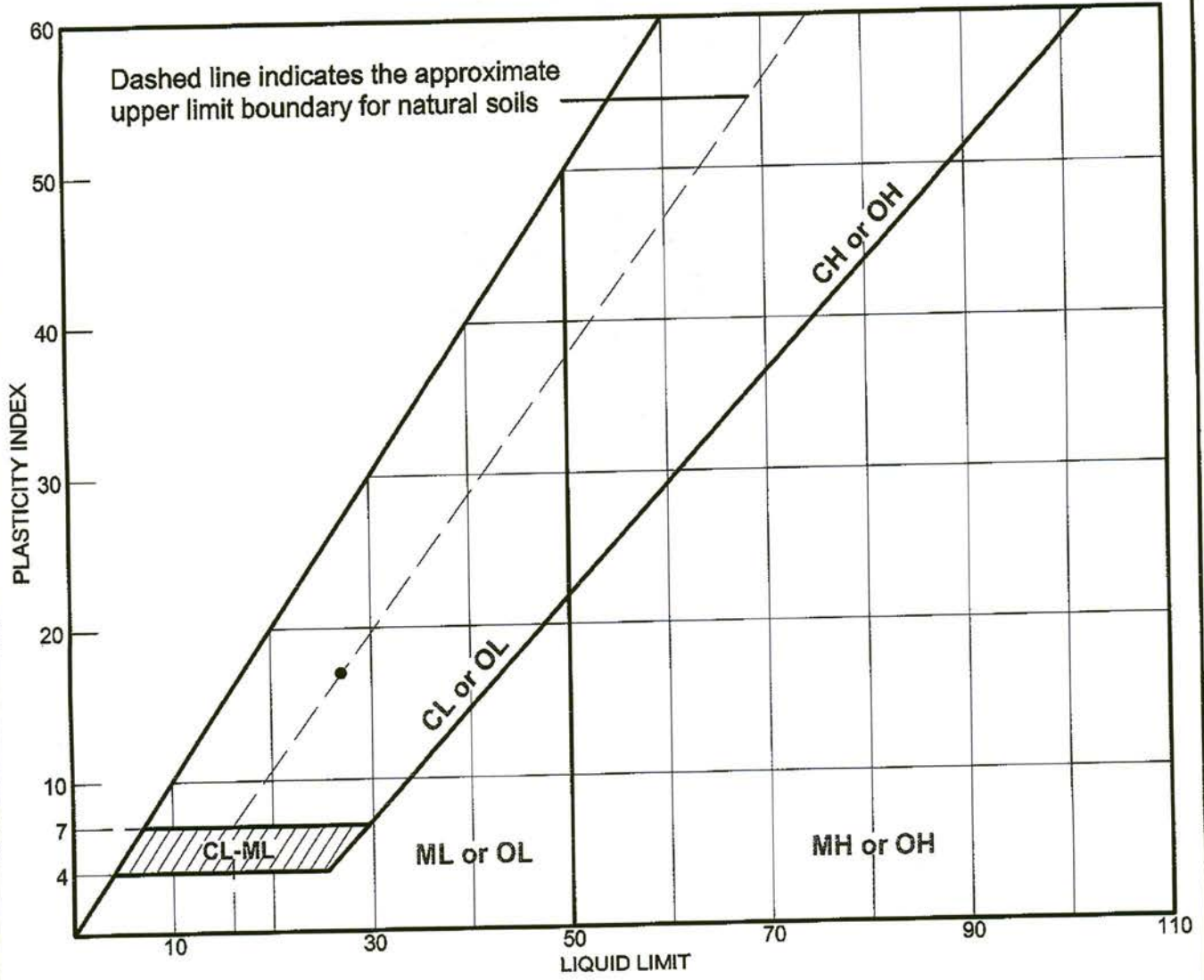
|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 164   |

Tested By: K. Gillespie





# LIQUID AND PLASTIC LIMITS TEST REPORT



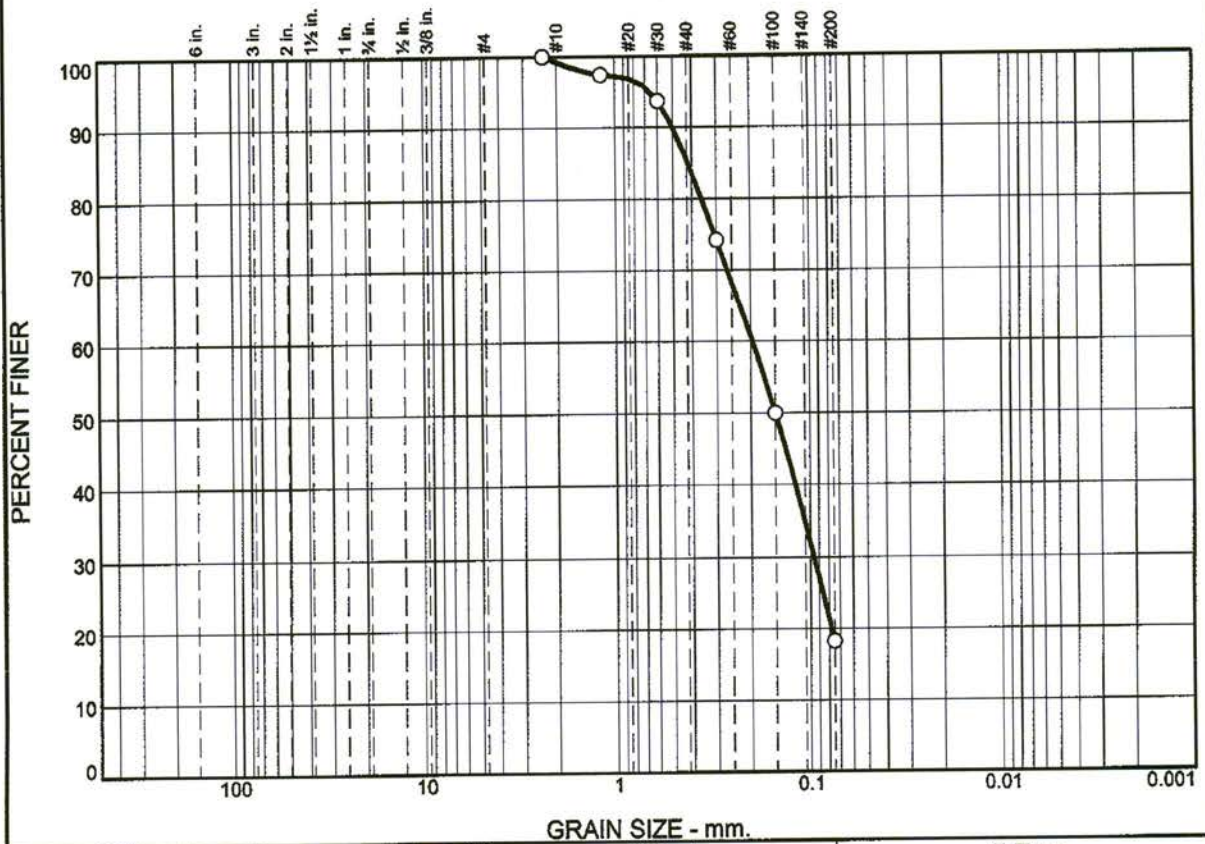
| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1298       | 11.5'       |                           | 10                | 27               | 17                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.8    | 13.7   | 67.2 | 18.3    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 97.4          |                |              |
| #30        | 93.7          |                |              |
| #50        | 74.3          |                |              |
| #100       | 50.0          |                |              |
| #200       | 18.3          |                |              |

**Material Description**

Brown clayey sand

**Atterberg Limits**  
 PL= 11      LL= 30      PI= 19

**Coefficients**  
 D<sub>85</sub>= 0.4180      D<sub>60</sub>= 0.1960      D<sub>50</sub>= 0.1501  
 D<sub>30</sub>= 0.0957      C<sub>u</sub>=                      D<sub>10</sub>=

**Classification**  
 USCS= SC                      AASHTO=

**Remarks**

Moisture: 21.7

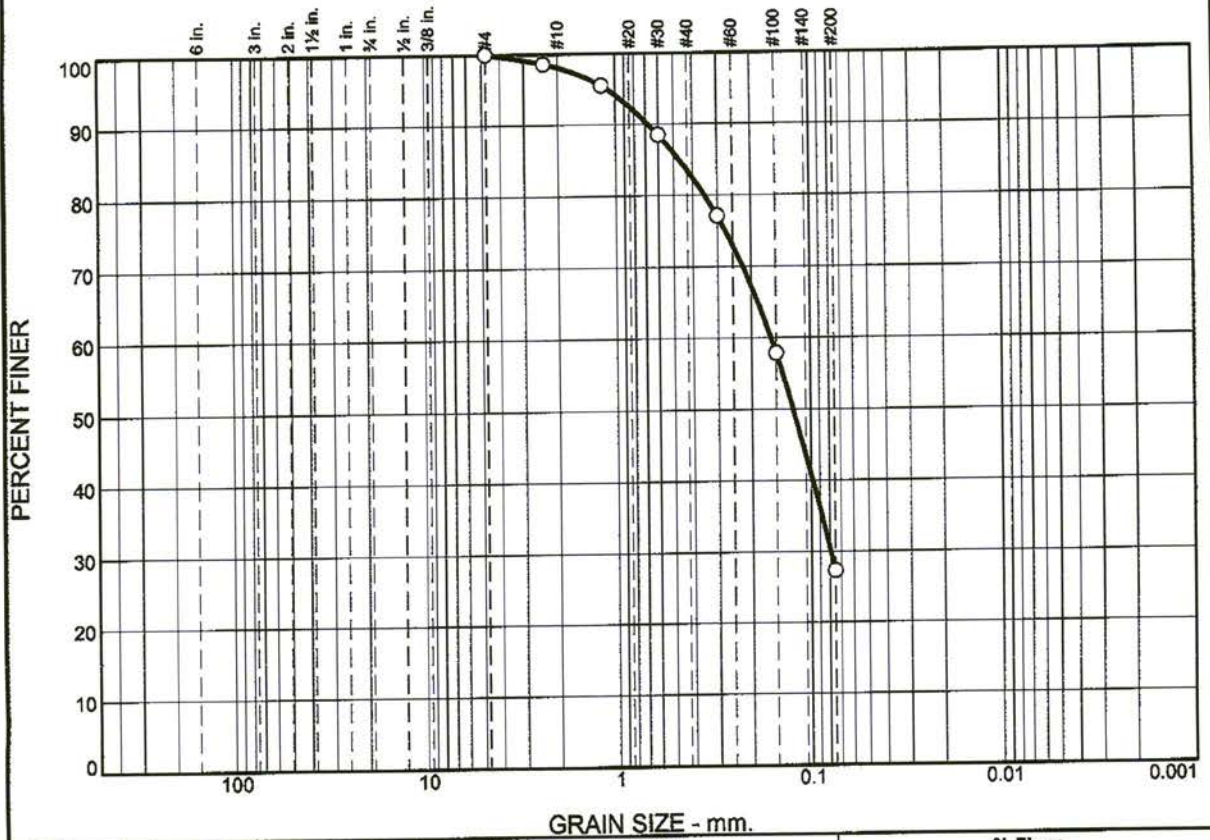
\* (no specification provided)

Sample Number: 1299      Depth: 10'      Date: 4-25-08  
 Location: Test Pit 74 (Lot 113)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 167   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 1.9    | 14.6   | 56.2 | 27.3    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #4         | 100.0         |                |              |
| #8         | 98.6          |                |              |
| #16        | 95.5          |                |              |
| #30        | 88.5          |                |              |
| #50        | 77.2          |                |              |
| #100       | 57.9          |                |              |
| #200       | 27.3          |                |              |

**Material Description**

Brown clayey sand

**Atterberg Limits**  
 PL= 7      LL= 23      PI= 16

**Coefficients**  
 D<sub>85</sub>= 0.4677      D<sub>60</sub>= 0.1592      D<sub>50</sub>= 0.1230  
 D<sub>30</sub>= 0.0793      D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**  
 USCS= SC              AASHTO=

**Remarks**  
 Moisture: 19.4

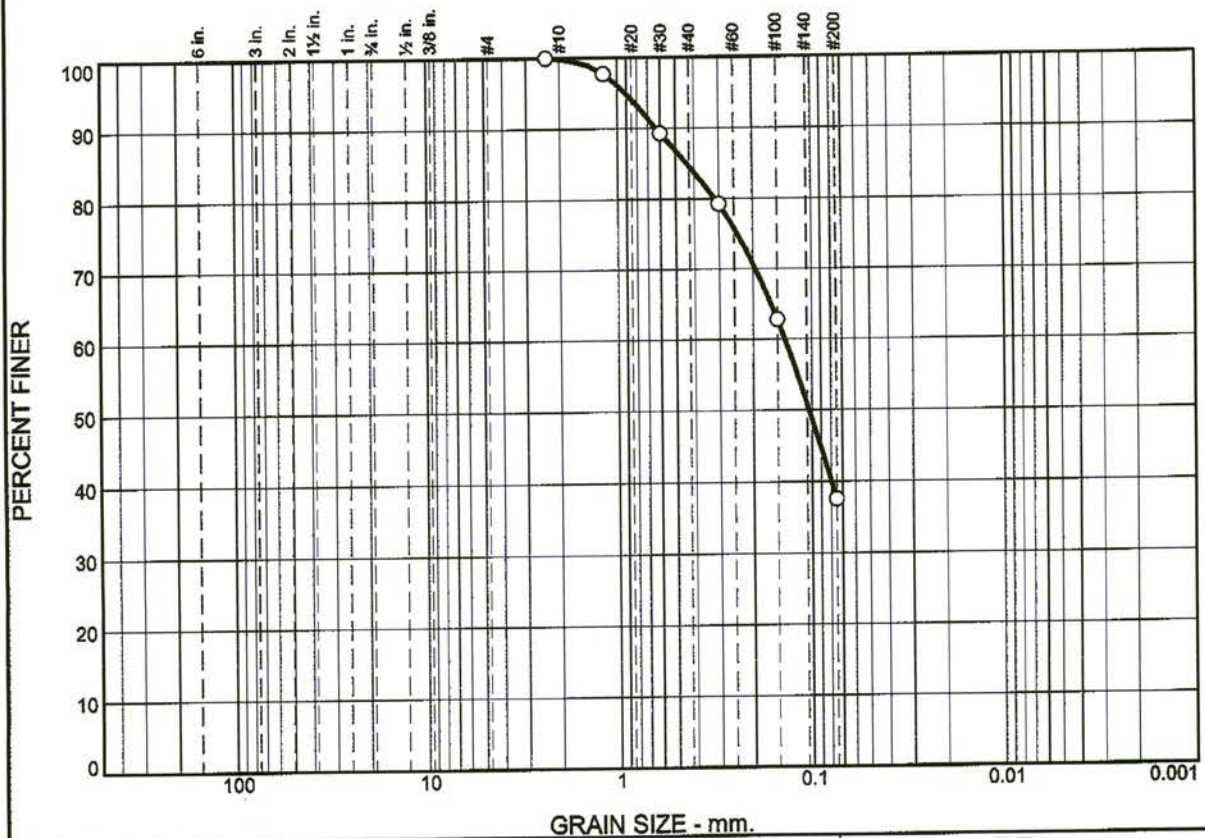
\* (no specification provided)

Sample Number: 1284      Depth: 2'      Date: 4-25-08  
 Location: Test Pit 75 (Lot 114)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 169   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.2    | 15.1   | 47.1 | 37.6    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 97.8          |                |              |
| #30        | 89.3          |                |              |
| #50        | 79.3          |                |              |
| #100       | 62.8          |                |              |
| #200       | 37.6          |                |              |

**Material Description**

Brown clayey sand

**Atterberg Limits**  
 PL= 7      LL= 25      PI= 18

**Coefficients**  
 D<sub>85</sub>= 0.4359      D<sub>60</sub>= 0.1374      D<sub>50</sub>= 0.1036  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**  
 USCS= SC      AASHTO=

**Remarks**

Moisture: 19.6

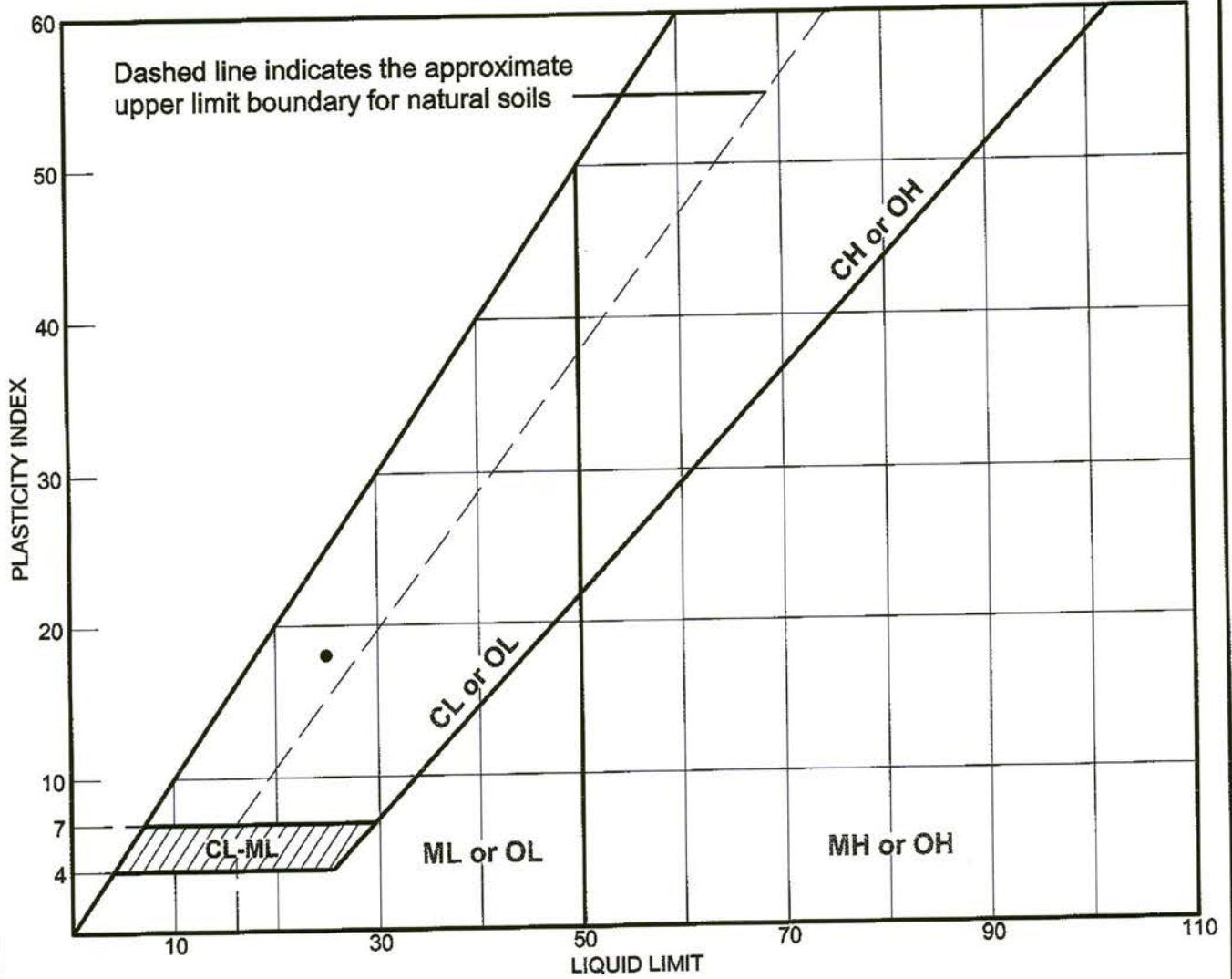
(no specification provided)

**Sample Number:** 1300      **Depth:** 8'  
**Location:** Test Pit 75 (Lot 114)      **Date:** 4-25-08

|   |   |
|---|---|
| <b>Mesquite Material Testing, L.L.C</b><br><br><p style="text-align: center;"><b>Mesquite, NV</b></p> | <b>Client:</b> RFMS<br><b>Project:</b> Hitters Subdivision Phase I<br><br><b>Project No:</b> 138-61 <b>Figure</b> 171 |
|---|---|

**Tested By:** K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



### SOIL DATA

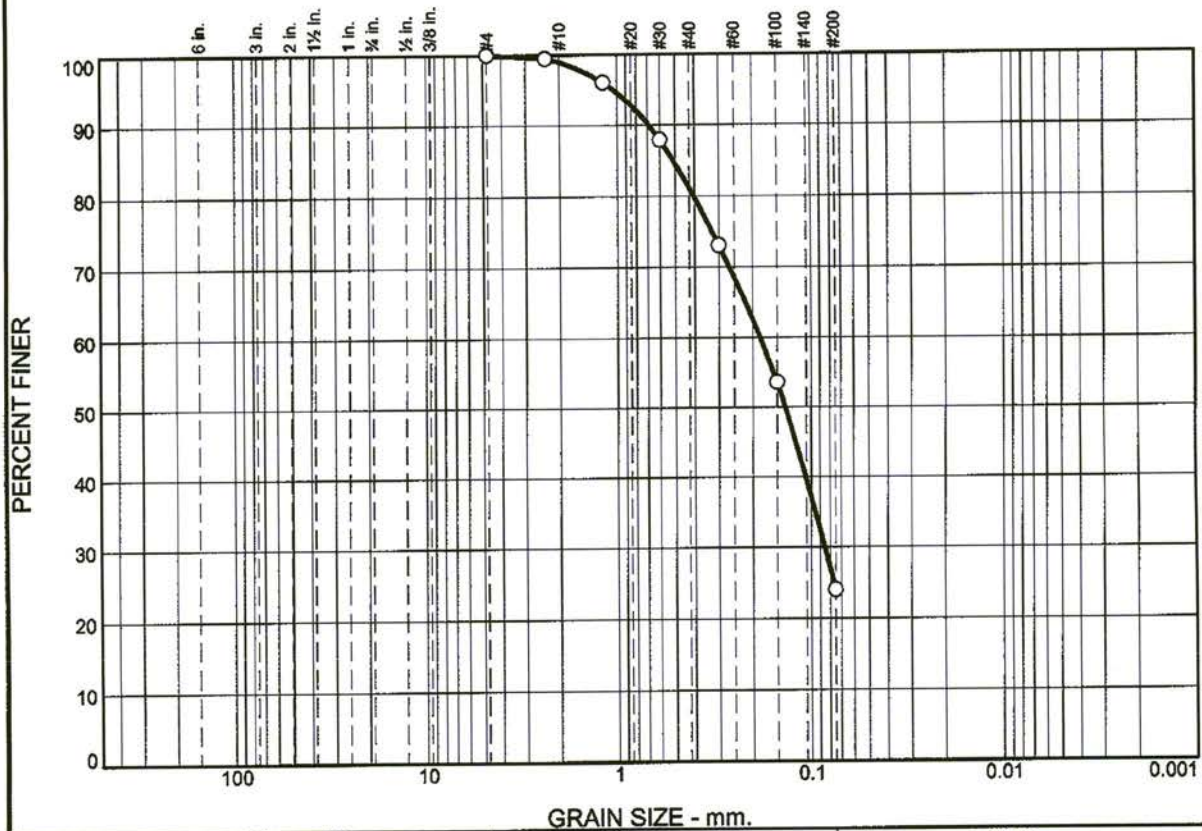
| SYMBOL | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
|--------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| •      |        | 1300       | 8'          |                           | 7                 | 25               | 18                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No.: 138-61

Figure 172

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 1.0    | 17.8   | 57.2 | 24.0    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #4         | 100.0         |                |              |
| #8         | 99.5          |                |              |
| #16        | 96.0          |                |              |
| #30        | 87.9          |                |              |
| #50        | 73.1          |                |              |
| #100       | 53.6          |                |              |
| #200       | 24.0          |                |              |

**Material Description**

Brown clayey sand

**Atterberg Limits**

PL= 6      LL= 30      PI= 24

**Coefficients**

D<sub>85</sub>= 0.5110      D<sub>60</sub>= 0.1826      D<sub>50</sub>= 0.1362  
D<sub>30</sub>= 0.0854      D<sub>15</sub>=              D<sub>10</sub>=  
C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**

USCS= SC                      AASHTO=

**Remarks**

Moisture: 17.1

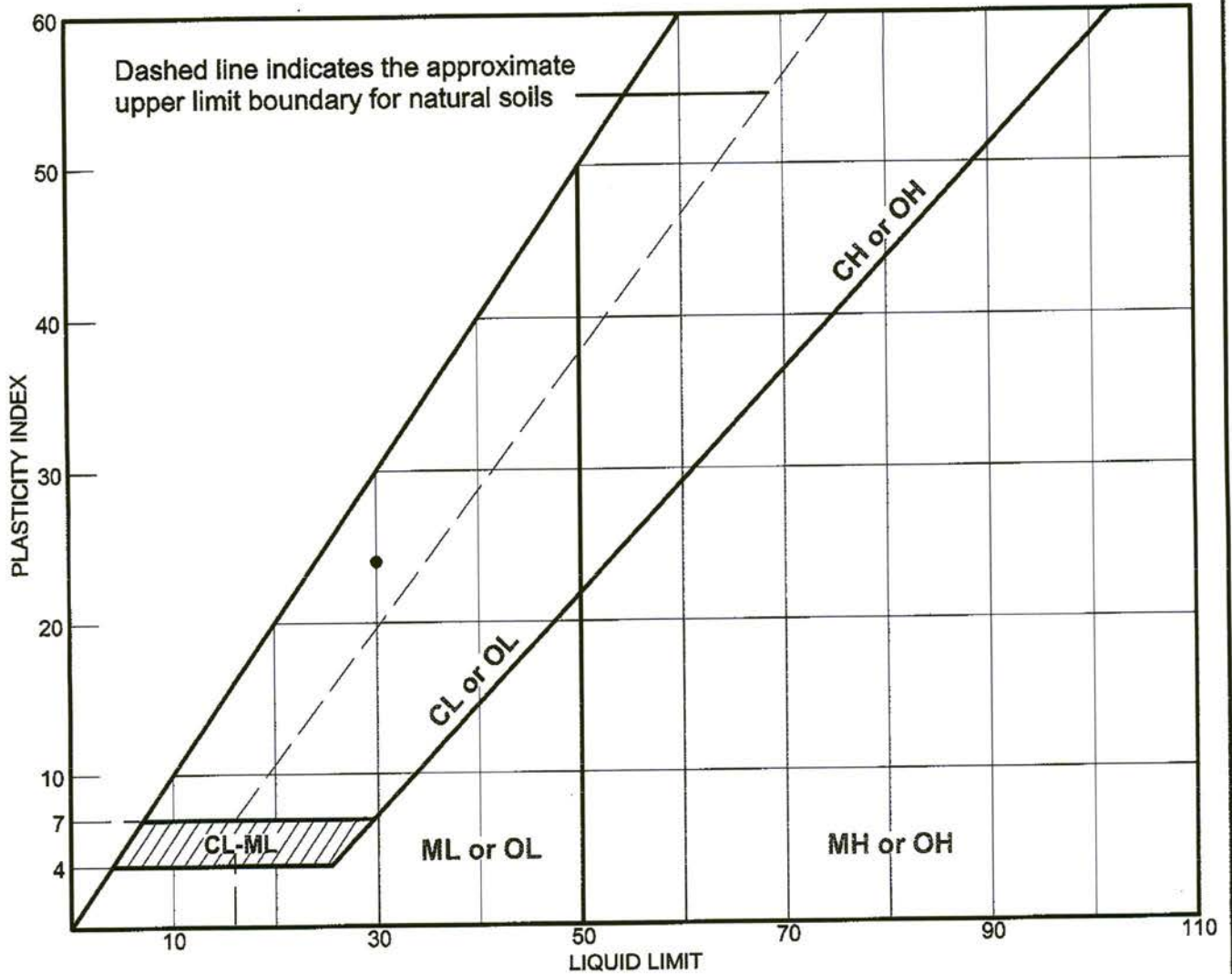
(no specification provided)

Sample Number: 1301      Depth: 6'      Date: 4-25-08  
Location: Test Pit 76 (Lot 114)

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
| <b>Mesquite, NV</b>                     | Project: Hitters Subdivision Phase I |
|   | Project No: 138-61      Figure 173   |

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



### SOIL DATA

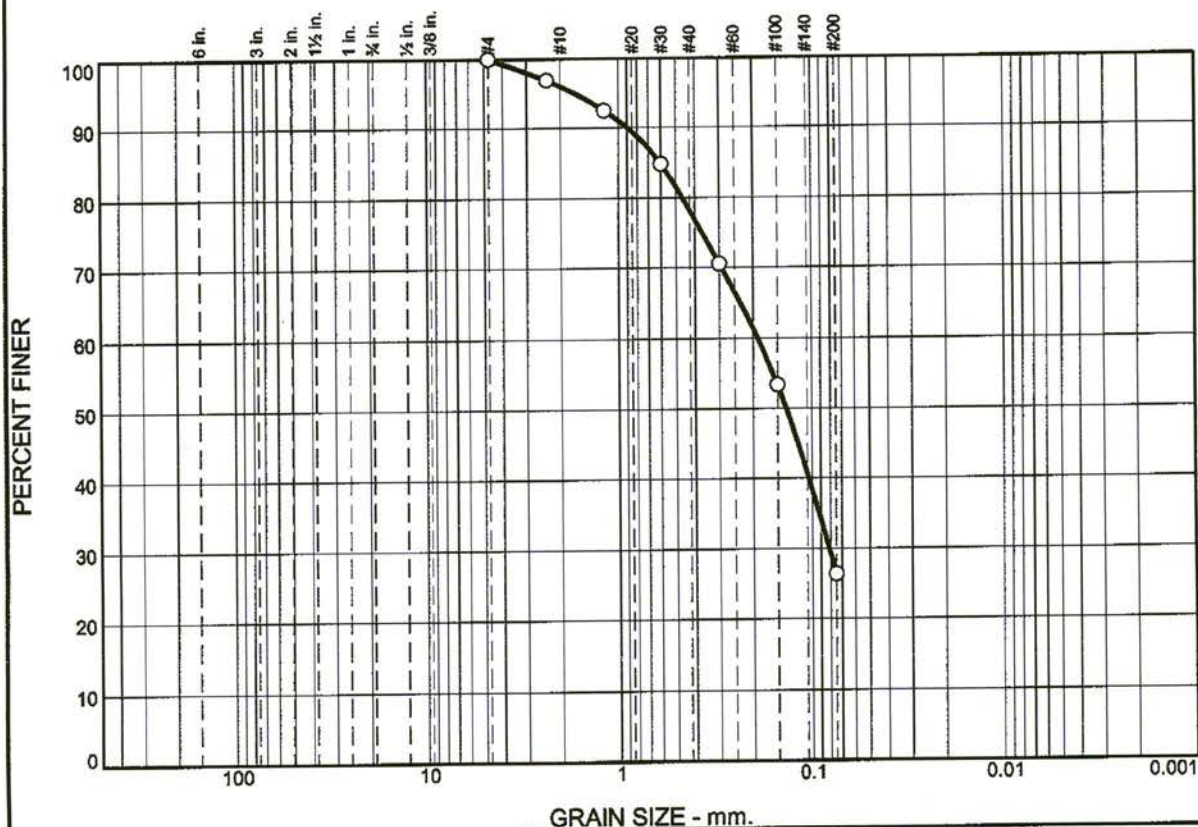
| SYMBOL | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
|--------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| •      |        | 1301       | 6'          |                           | 6                 | 30               | 24                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
**Mesquite, NV**

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

Figure 174

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 4.0    | 17.8   | 51.8 | 26.4    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #4         | 100.0         |                |              |
| #8         | 96.9          |                |              |
| #16        | 92.5          |                |              |
| #30        | 84.8          |                |              |
| #50        | 70.5          |                |              |
| #100       | 53.4          |                |              |
| #200       | 26.4          |                |              |

**Material Description**

Brown clayey sand

**Atterberg Limits**  
 PL= 10      LL= 25      PI= 15

**Coefficients**  
 D<sub>85</sub>= 0.6071      D<sub>60</sub>= 0.1892      D<sub>50</sub>= 0.1354  
 D<sub>30</sub>= 0.0817      D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=

**Classification**  
 USCS= SC      AASHTO=

**Remarks**  
 Moisture: 23.0

\* (no specification provided)

Sample Number: 1302  
 Location: Test Pit 78 (Lot 115)

Depth: 5'

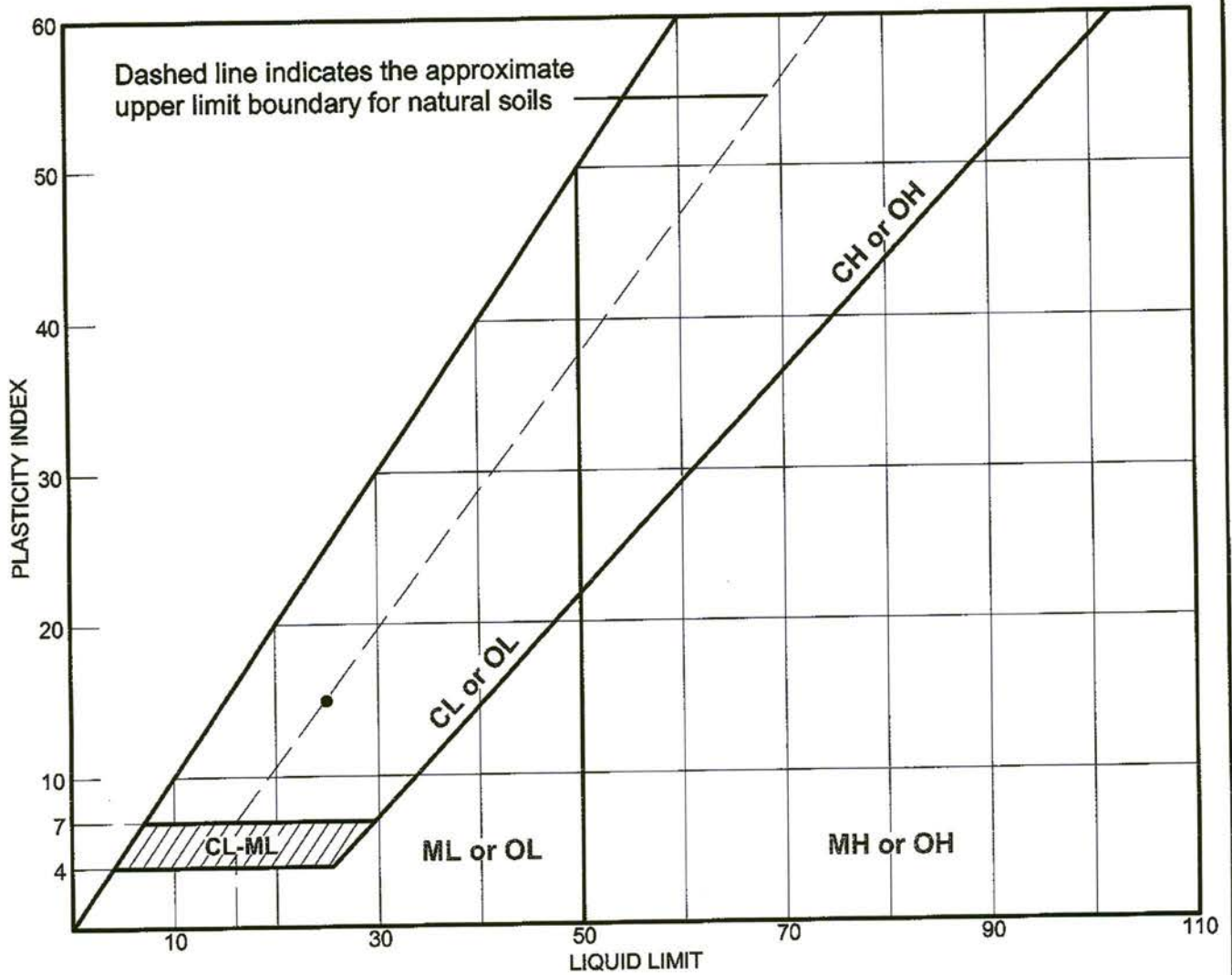
Date: 4-25-08

|   |   |
|---|---|
| <p><b>Mesquite Material Testing, L.L.C</b></p> <p style="text-align: center; font-size: 1.2em;"><b>Mesquite, NV</b></p> | <p>Client: RFMS<br/>                 Project: Hitters Subdivision Phase I</p> <p>Project No: 138-61</p> |
|---|---|

Figure 175

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1302       | 5'          |                           | 10                | 25               | 15                   | SC   |

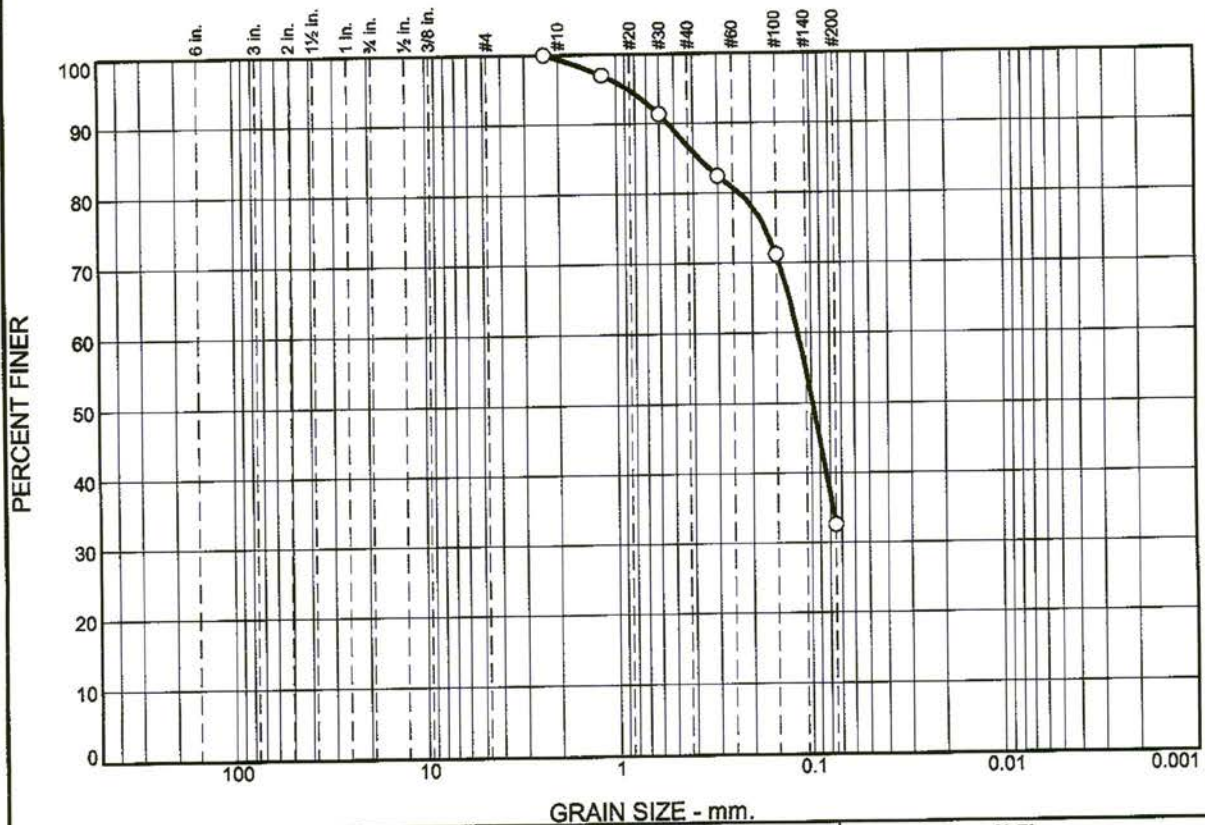
LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
**Mesquite, NV**

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

**Figure 176**



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.6    | 12.6   | 54.2 | 32.6    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 97.0          |                |              |
| #30        | 91.4          |                |              |
| #50        | 82.5          |                |              |
| #100       | 71.2          |                |              |
| #200       | 32.6          |                |              |

**Material Description**

Brown clayey sand

**Atterberg Limits**  
 PL= 7      LL= 25      PI= 18

**Coefficients**  
 D<sub>85</sub>= 0.3726      D<sub>60</sub>= 0.1168      D<sub>50</sub>= 0.0982  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**  
 USCS= SC      AASHTO=

**Remarks**  
 Moisture: 20.4

\* (no specification provided)

Sample Number: 1319  
 Location: Test Pit 79 (Lot 115)

Depth: 3'

Date: 5-23-08

Mesquite Material Testing, L.L.C

Client: RFMS  
 Project: Hitters Subdivision Phase I

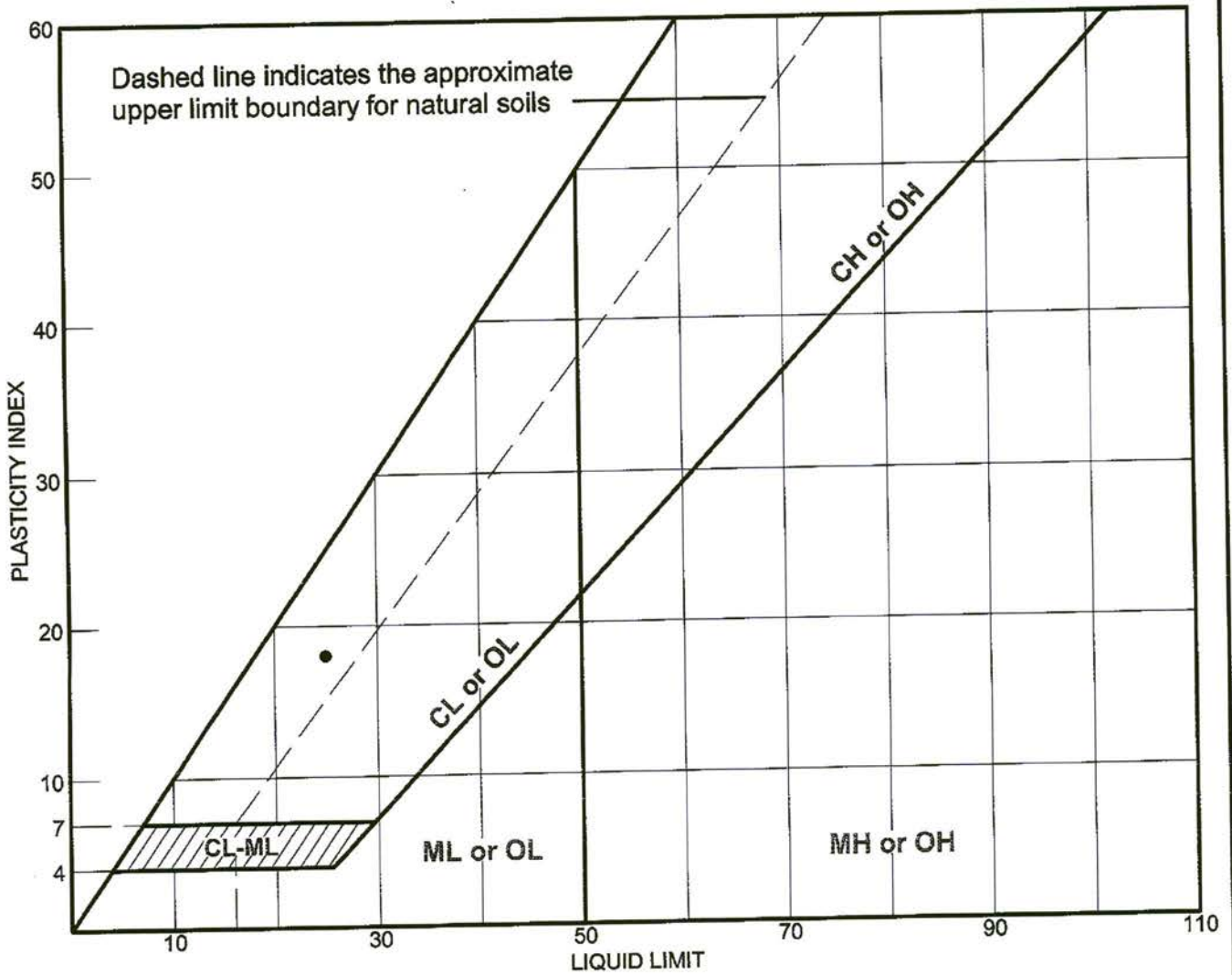
Mesquite, NV

Project No: 138-61

Figure 177

Tested By: K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



## SOIL DATA

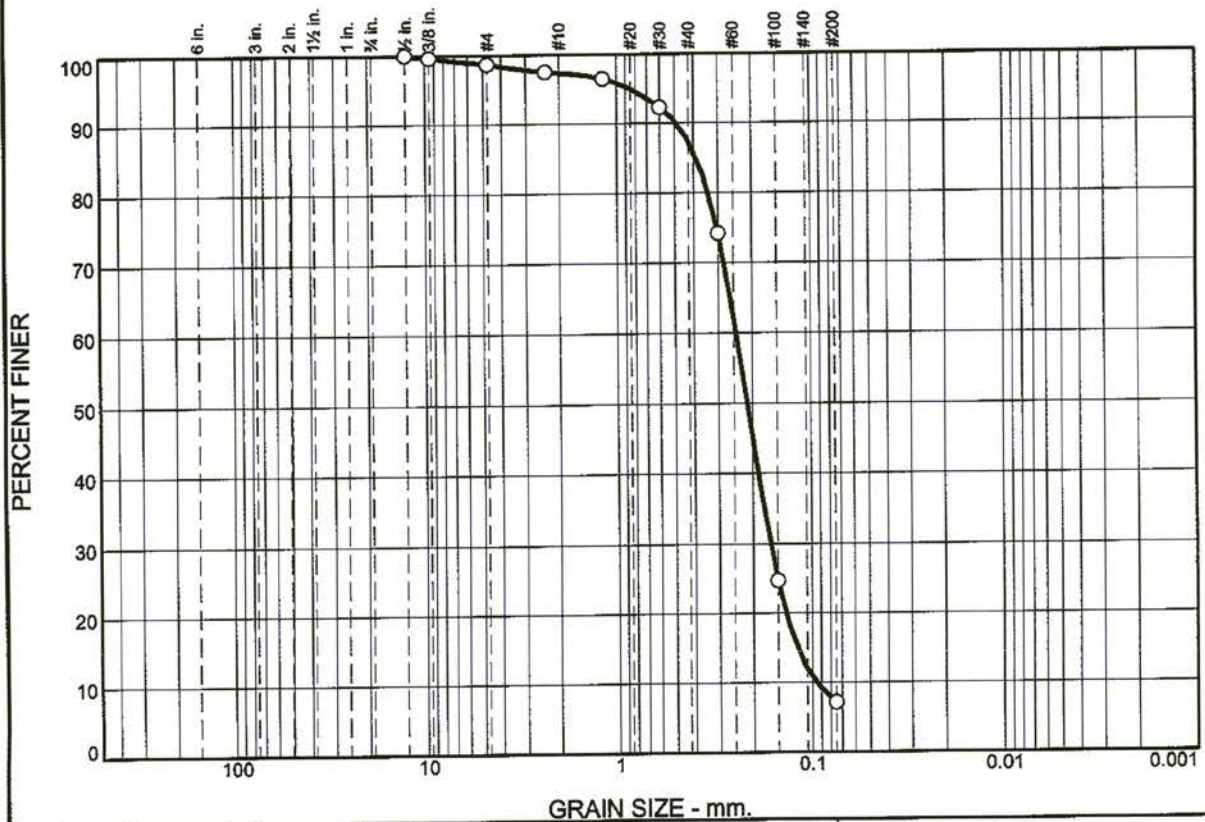
| SYMBOL | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
|--------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| •      |        | 1319       | 3'          |                           | 7                 | 25               | 18                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
 Mesquite, NV

Client: RFMS  
 Project: Hitters Subdivision Phase I  
 Project No.: 138-61

Figure 178

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.3  | 1.4    | 9.9    | 80.2 | 7.2     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.6          |                |              |
| #4         | 98.7          |                |              |
| #8         | 97.5          |                |              |
| #16        | 96.5          |                |              |
| #30        | 92.2          |                |              |
| #50        | 74.2          |                |              |
| #100       | 24.7          |                |              |
| #200       | 7.2           |                |              |

(no specification provided)

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3872      D<sub>60</sub>= 0.2431      D<sub>50</sub>= 0.2138  
D<sub>30</sub>= 0.1635      D<sub>15</sub>= 0.1192      D<sub>10</sub>= 0.0952  
C<sub>u</sub>= 2.55      C<sub>c</sub>= 1.16

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 1.8

Sample Number: 1317  
 Location: Test Pit 79 (Lot 115)

Depth: 9'

Date: 5-6-08

**Mesquite Material Testing, L.L.C**

Client: RFMS  
 Project: Hitters Subdivision Phase I

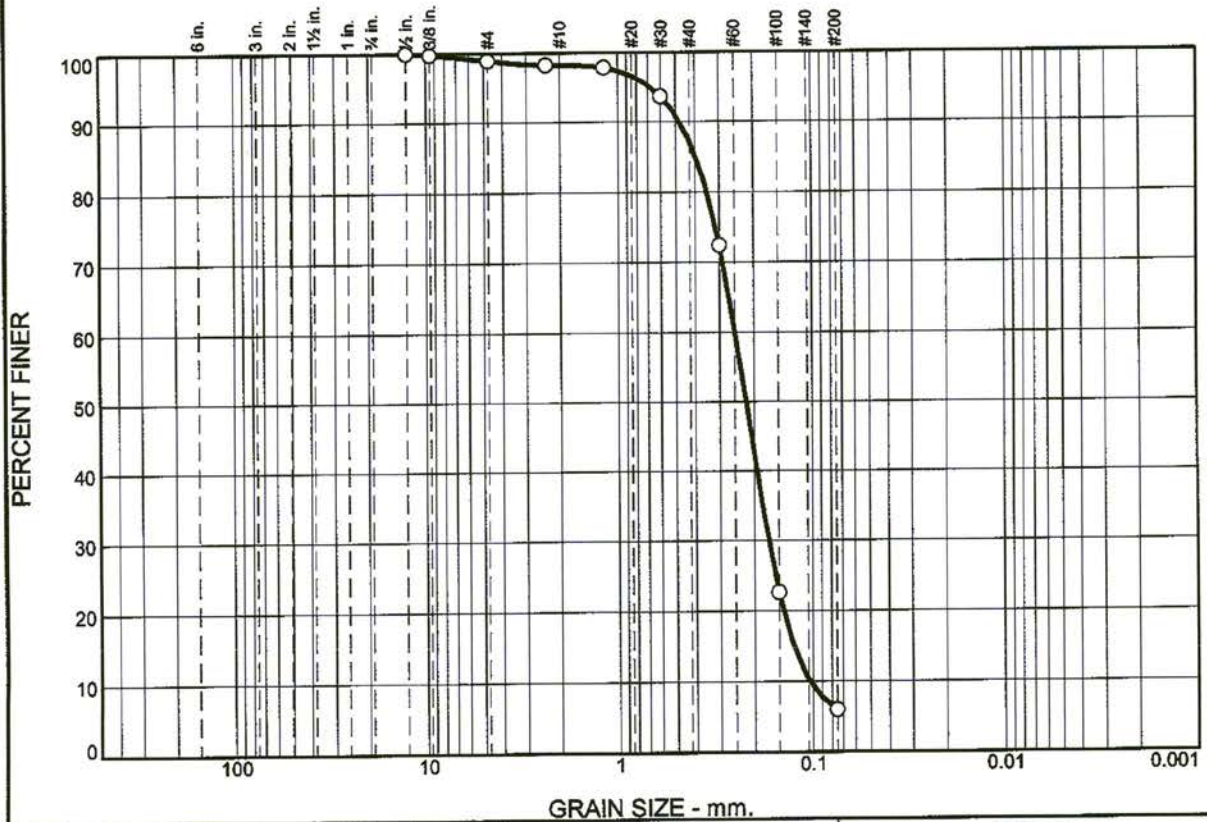
**Mesquite, NV**

Project No: 138-61

Figure 179

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.1  | 0.7    | 11.0   | 81.2 | 6.0     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.8          |                |              |
| #4         | 98.9          |                |              |
| #8         | 98.3          |                |              |
| #16        | 97.8          |                |              |
| #30        | 93.6          |                |              |
| #50        | 72.4          |                |              |
| #100       | 22.7          |                |              |
| #200       | 6.0           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3950      D<sub>60</sub>= 0.2504      D<sub>50</sub>= 0.2201  
 D<sub>30</sub>= 0.1689      D<sub>15</sub>= 0.1261      D<sub>10</sub>= 0.1042  
 C<sub>u</sub>= 2.40      C<sub>c</sub>= 1.09

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 2.0

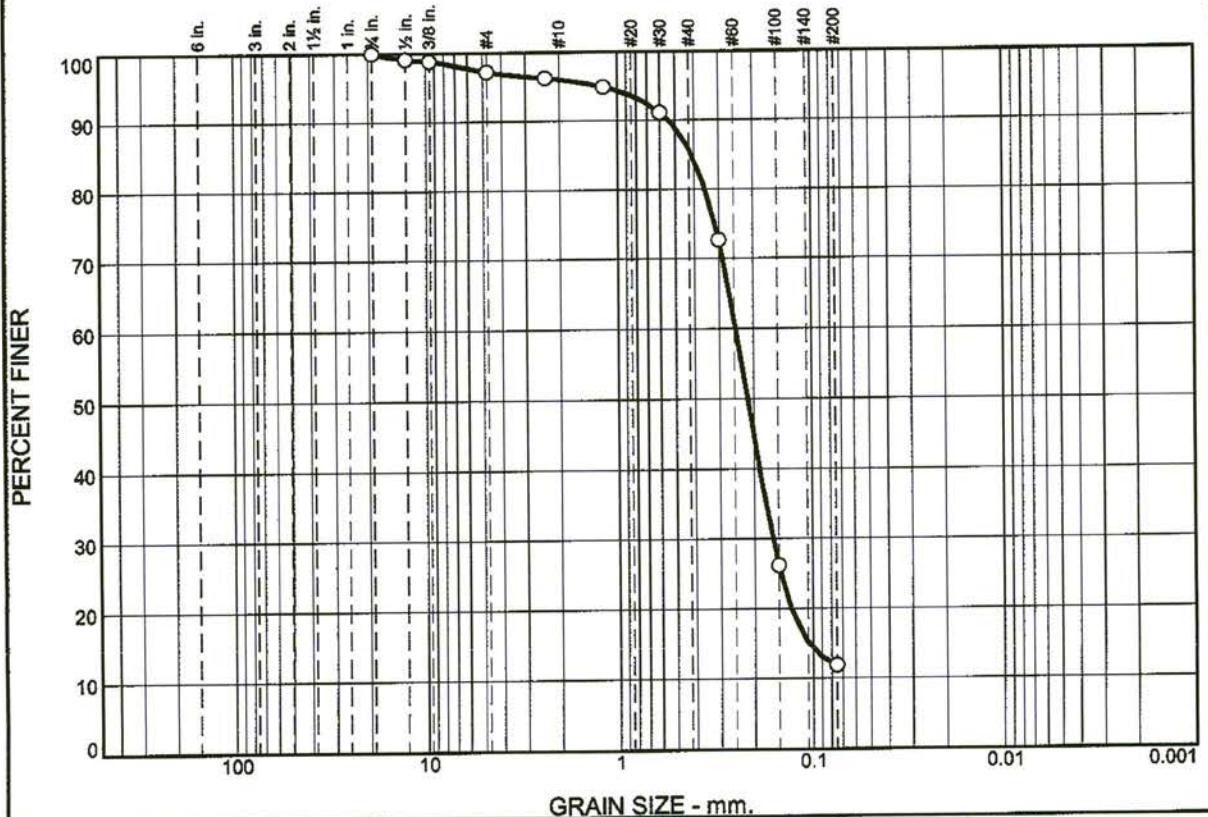
(no specification provided)

Sample Number: 1318      Depth: 5'      Date: 5-6-08  
 Location: Test Pit 80 (Lot 115)

|  |  |
|--|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><b>Mesquite, NV</b> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 180 |
|--|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.8  | 1.2    | 10.1   | 74.0 | 11.9    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.1          |                |              |
| 3/8        | 98.8          |                |              |
| #4         | 97.2          |                |              |
| #8         | 96.2          |                |              |
| #16        | 94.9          |                |              |
| #30        | 91.1          |                |              |
| #50        | 72.6          |                |              |
| #100       | 26.2          |                |              |
| #200       | 11.9          |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.4103      D<sub>60</sub>= 0.2465      D<sub>50</sub>= 0.2150  
 D<sub>30</sub>= 0.1608      D<sub>15</sub>= 0.1051      D<sub>10</sub>=  
 C<sub>u</sub>=                  C<sub>c</sub>=

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 8.4

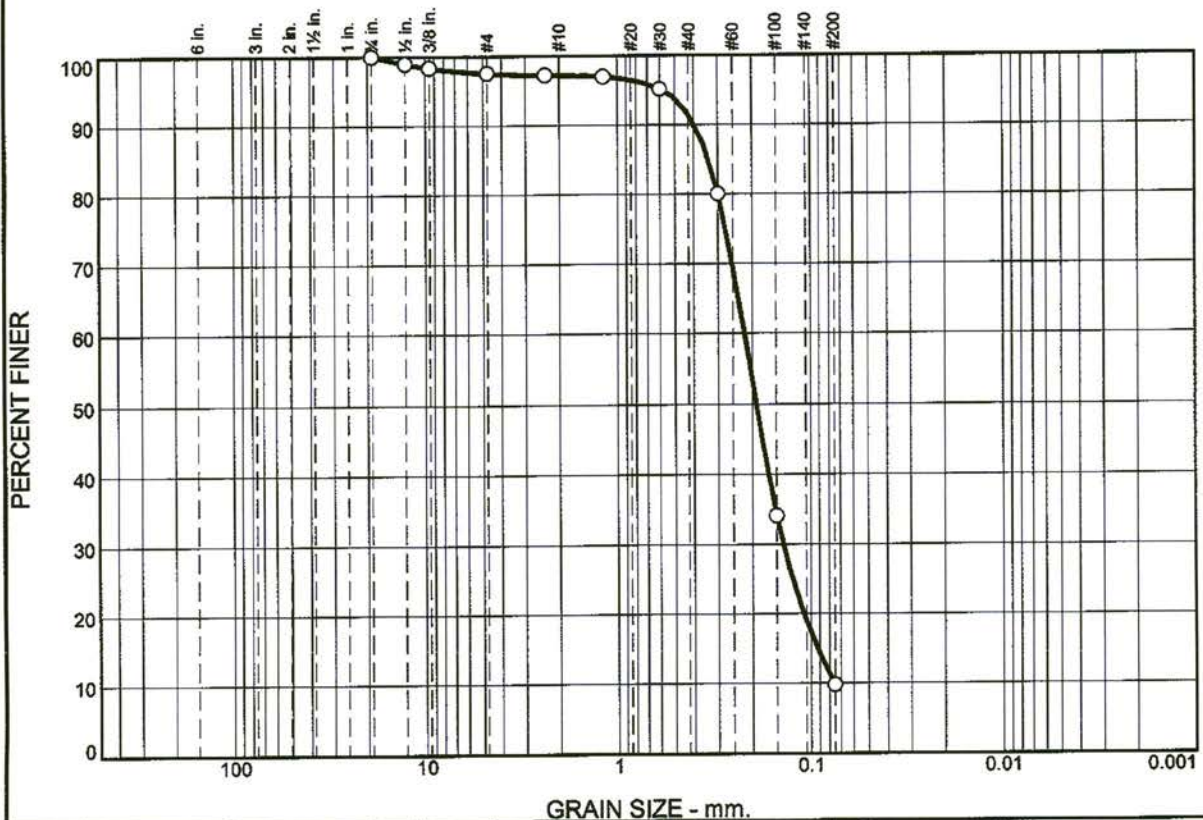
(no specification provided)

Sample Number: 1337      Depth: 3'  
 Location: Test Pit 81, 2+00 (15' RT) - Banks Court      Date: 5-7-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 181   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.4  | 0.4    | 5.7    | 81.7 | 9.8     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.0          |                |              |
| 3/8        | 98.4          |                |              |
| #4         | 97.6          |                |              |
| #8         | 97.3          |                |              |
| #16        | 97.0          |                |              |
| #30        | 95.2          |                |              |
| #50        | 80.0          |                |              |
| #100       | 34.1          |                |              |
| #200       | 9.8           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3360      D<sub>60</sub>= 0.2190      D<sub>50</sub>= 0.1907  
D<sub>30</sub>= 0.1390      D<sub>15</sub>= 0.0924      D<sub>10</sub>= 0.0757  
C<sub>u</sub>= 2.89      C<sub>c</sub>= 1.16

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 3.7

(no specification provided)

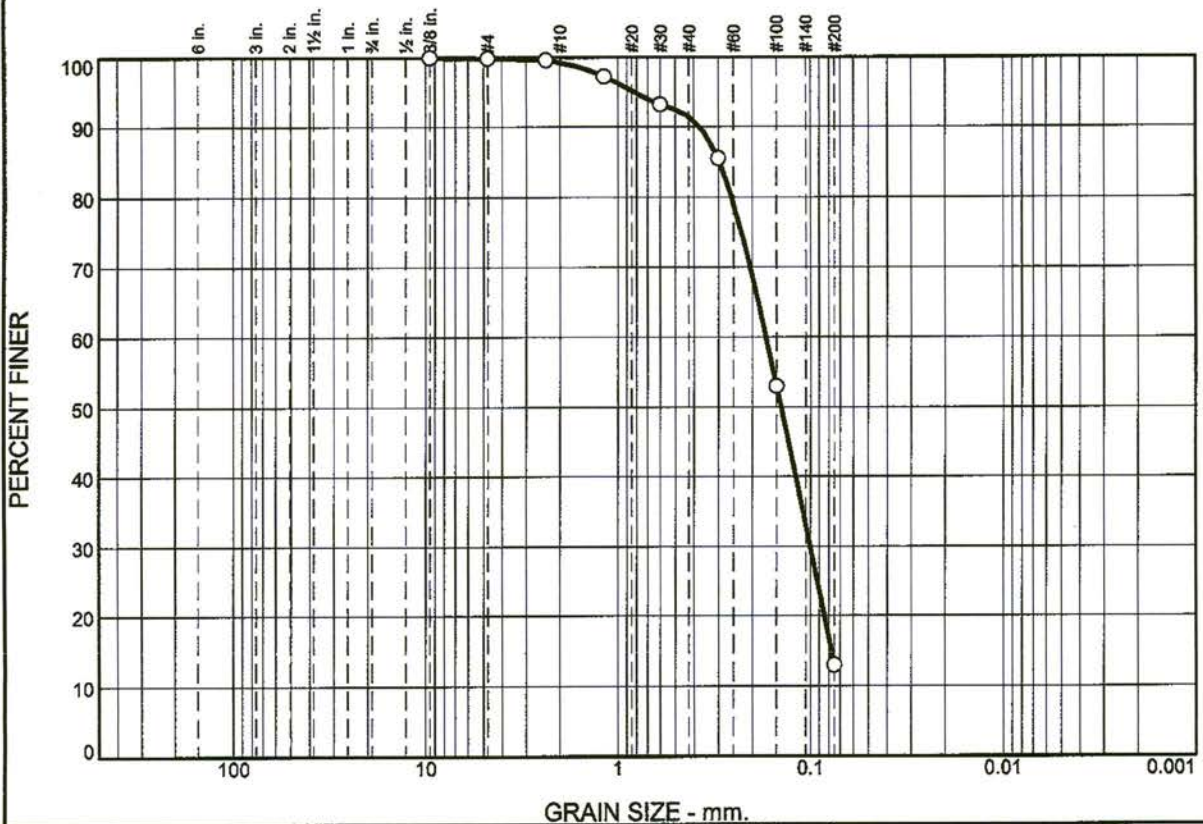
**Sample Number:** 1339      **Depth:** 7'  
**Location:** Test Pit 83, 1+50 (C/L) - Banks Court (Roadway)

**Date:** 6-6-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61                   |
|   | Figure 182                           |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.1  | 0.6    | 7.8    | 78.5 | 13.0    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 99.9          |                |              |
| #8         | 99.6          |                |              |
| #16        | 97.3          |                |              |
| #30        | 93.2          |                |              |
| #50        | 85.5          |                |              |
| #100       | 53.0          |                |              |
| #200       | 13.0          |                |              |

**Material Description**

Light brown silty sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.2946      D<sub>60</sub>= 0.1698      D<sub>50</sub>= 0.1423  
D<sub>30</sub>= 0.1005      D<sub>15</sub>= 0.0777      D<sub>10</sub>=  
C<sub>u</sub>=                      C<sub>c</sub>=

**Classification**

USCS= SM                      AASHTO=

**Remarks**

Moisture: 2.8

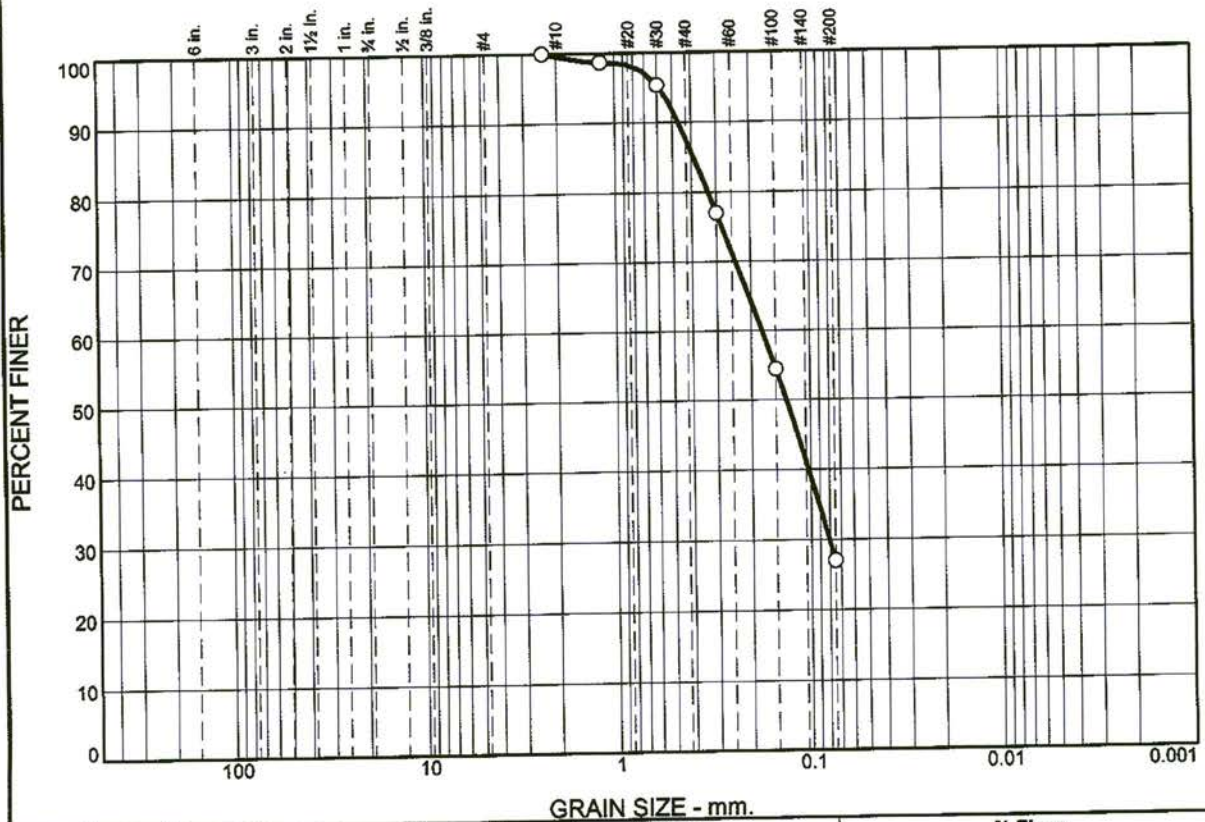
\* (no specification provided)

Sample Number: 1340      Depth: 5'  
 Location: Test Pit 84, 3+00 (20' RT) - Hall of Fame Way (Roadway)      Date: 6-6-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 183   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.4    | 12.0   | 60.6 | 27.0    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 98.7          |                |              |
| #30        | 95.3          |                |              |
| #50        | 77.0          |                |              |
| #100       | 54.4          |                |              |
| #200       | 27.0          |                |              |

**Material Description**

Brown clayey sand

**Atterberg Limits**

PL= 11      LL= 30      PI= 19

**Coefficients**

D<sub>85</sub>= 0.3881      D<sub>60</sub>= 0.1760      D<sub>50</sub>= 0.1329  
 D<sub>30</sub>= 0.0806      D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**

USCS= SC      AASHTO=

**Remarks**

Moisture: 21.0

\* (no specification provided)

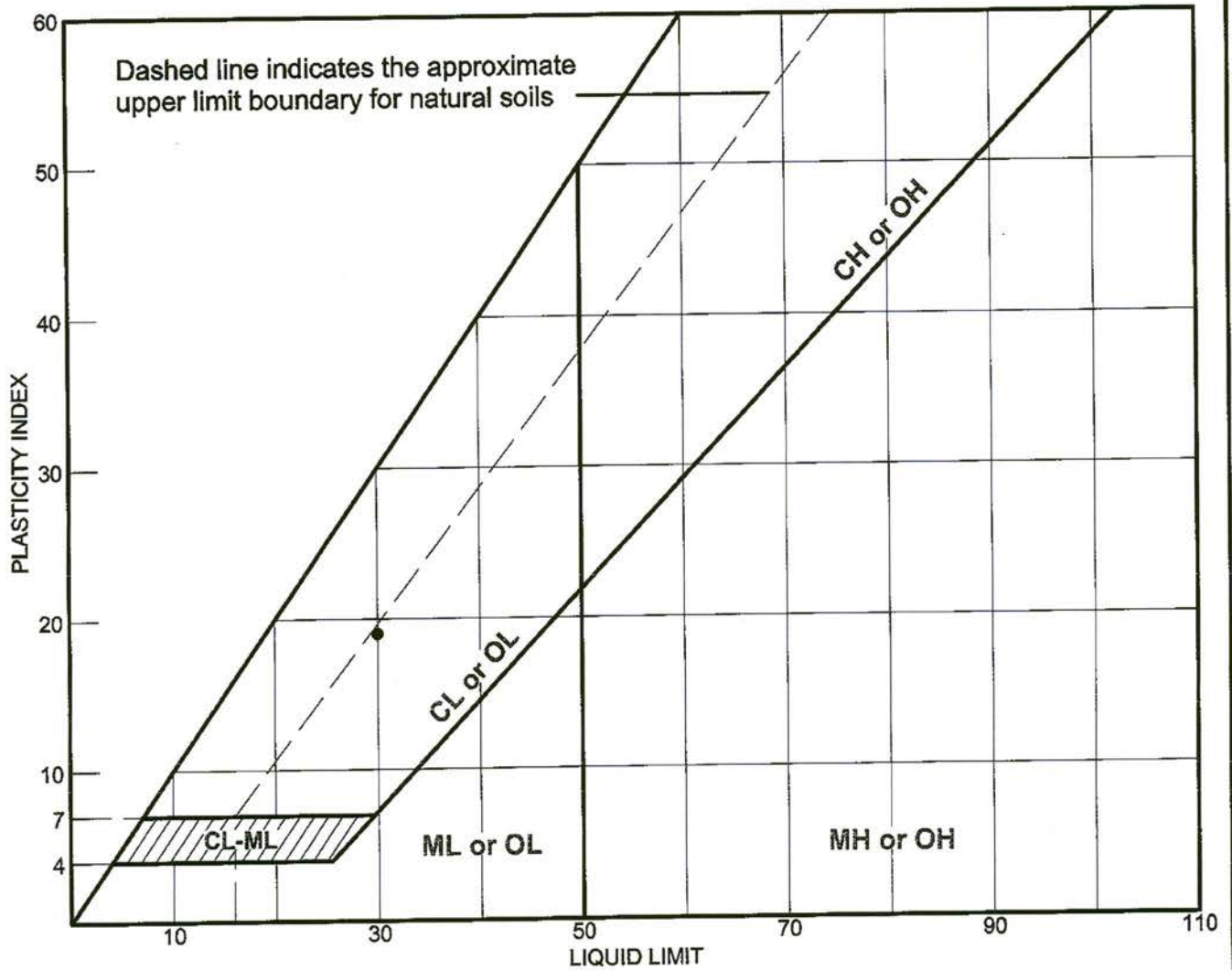
Sample Number: 1294      Depth: 2'  
 Location: Test Pit 85, 4+00 (20' LT) - Hall of Fame Way (Roadway)      Date: 6-19-08

|  |  |
|--|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><b>Mesquite, NV</b> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 184 |
|--|--|

Tested By: K. Gillespie



# LIQUID AND PLASTIC LIMITS TEST REPORT



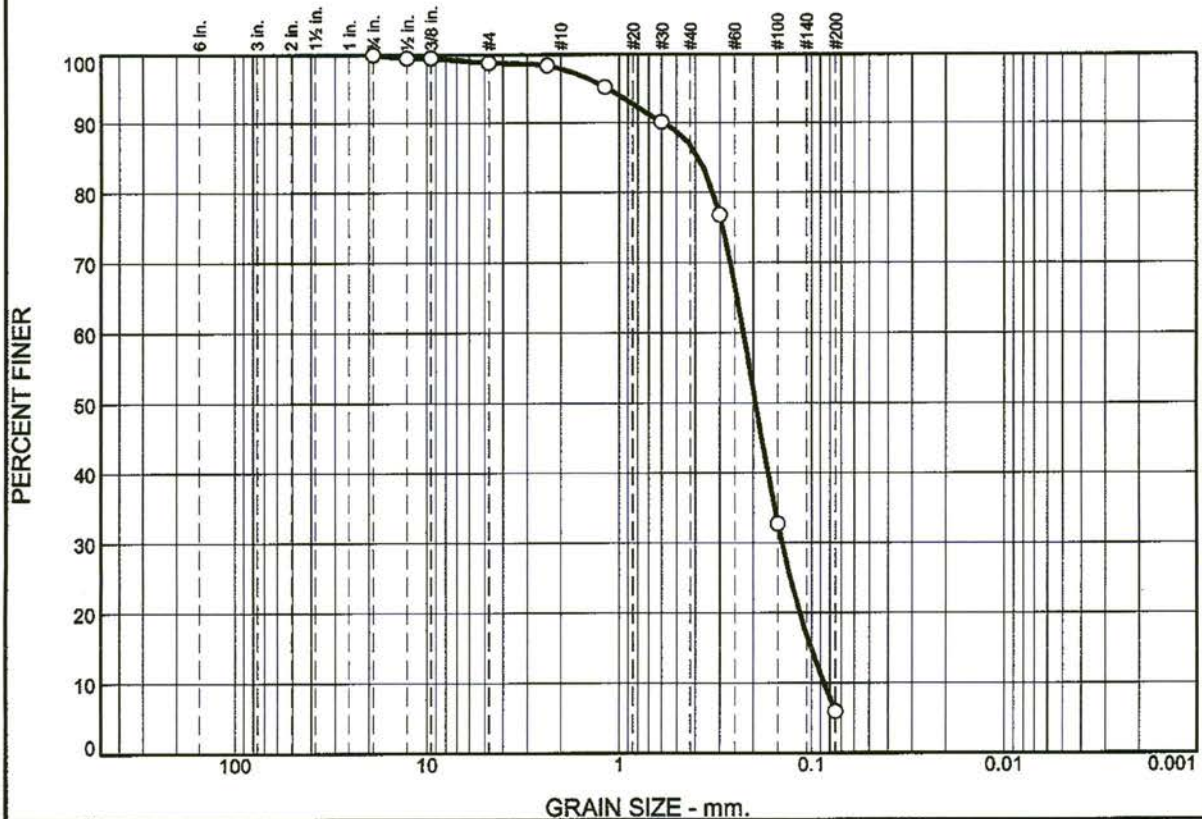
| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1294       | 2'          |                           | 11                | 30               | 19                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
**Mesquite, NV**

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

**Figure 185**

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.2  | 0.8    | 11.1   | 81.0 | 5.9     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 99.5          |                |              |
| 3/8        | 99.5          |                |              |
| #4         | 98.8          |                |              |
| #8         | 98.4          |                |              |
| #16        | 95.2          |                |              |
| #30        | 90.1          |                |              |
| #50        | 76.8          |                |              |
| #100       | 32.7          |                |              |
| #200       | 5.9           |                |              |

**Material Description**

Light brown poorly graded sand with silt

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3841      D<sub>60</sub>= 0.2254      D<sub>50</sub>= 0.1952  
 D<sub>30</sub>= 0.1429      D<sub>15</sub>= 0.1007      D<sub>10</sub>= 0.0861  
 C<sub>u</sub>= 2.62      C<sub>c</sub>= 1.05

**Classification**

USCS= SP-SM      AASHTO=

**Remarks**

Moisture: 2.3

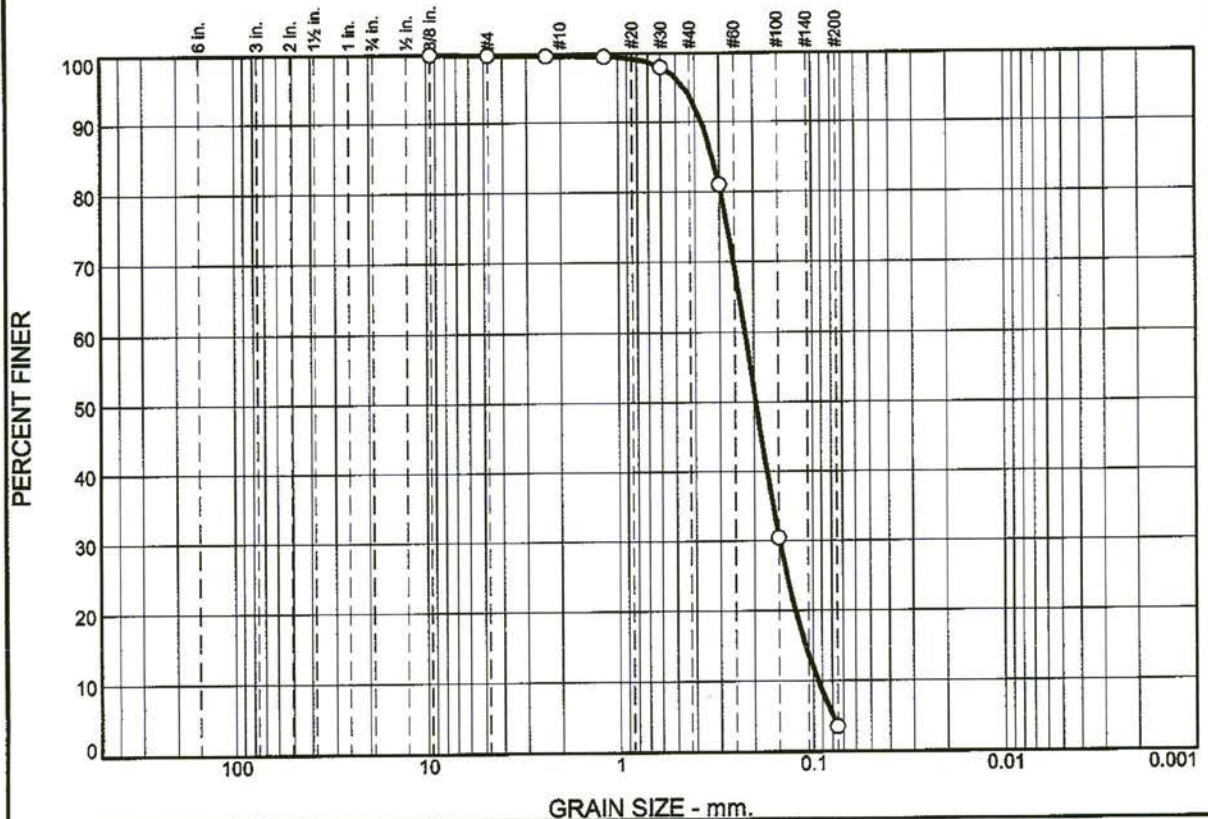
\* (no specification provided)

Sample Number: 1343      Depth: 3'  
 Location: Test Pit 86, 5+00 (20' RT) - Hall of fame Way (Roadway)      Date: 6-6-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61                   |
|   | Figure 186                           |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.1  | 0.3    | 5.7    | 90.4 | 3.5     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 99.9          |                |              |
| #8         | 99.7          |                |              |
| #16        | 99.5          |                |              |
| #30        | 98.0          |                |              |
| #50        | 81.0          |                |              |
| #100       | 30.4          |                |              |
| #200       | 3.5           |                |              |

**Material Description**

Light brown poorly graded sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3242      D<sub>60</sub>= 0.2220      D<sub>50</sub>= 0.1958  
 D<sub>30</sub>= 0.1490      D<sub>15</sub>= 0.1096      D<sub>10</sub>= 0.0945  
 C<sub>u</sub>= 2.35      C<sub>c</sub>= 1.06

**Classification**

USCS= SP      AASHTO=

**Remarks**

Moisture: 3.7

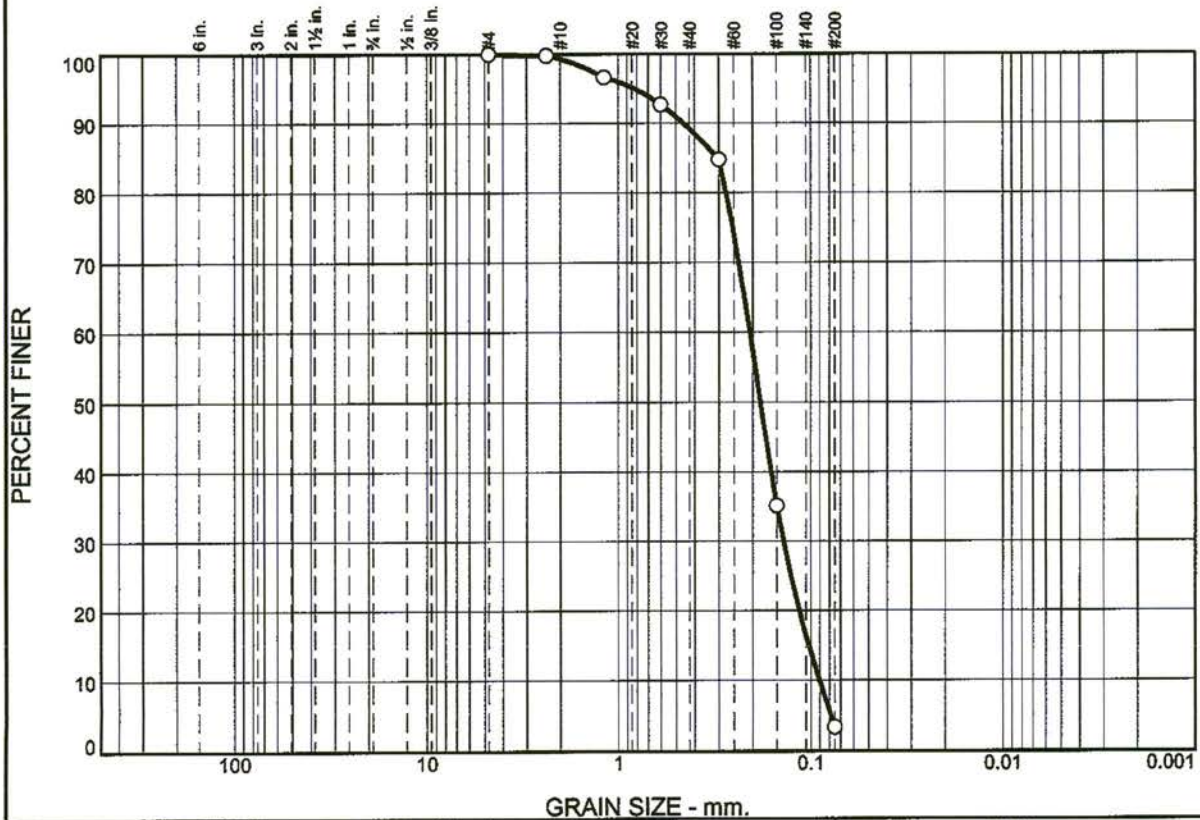
(no specification provided)

Sample Number: 1344      Depth: 9'  
 Location: Test Pit 87, 6+00 (20' LT) - Hall of Fame Way (Roadway)      Date: 6-5-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61                   |
|   | Figure 187                           |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.7    | 10.1   | 85.8 | 3.4     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #4         | 100.0         |                |              |
| #8         | 99.8          |                |              |
| #16        | 96.6          |                |              |
| #30        | 92.7          |                |              |
| #50        | 84.7          |                |              |
| #100       | 35.1          |                |              |
| #200       | 3.4           |                |              |

**Material Description**  
Light brown poorly graded sand

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3054      D<sub>60</sub>= 0.2072      D<sub>50</sub>= 0.1829  
 D<sub>30</sub>= 0.1386      D<sub>15</sub>= 0.1028      D<sub>10</sub>= 0.0905  
 C<sub>u</sub>= 2.29      C<sub>c</sub>= 1.02

**Classification**  
 USCS= SP      AASHTO=

**Remarks**  
 Moisture: 3.9

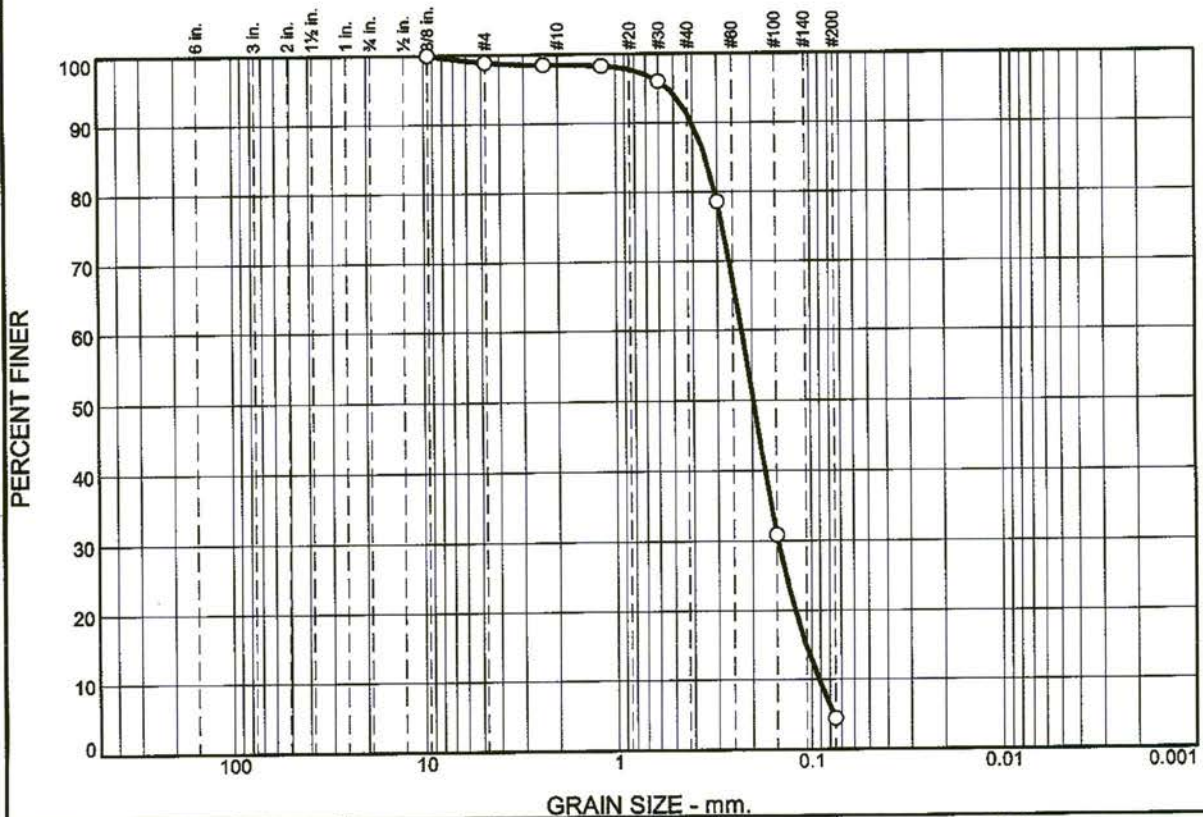
(no specification provided)

**Sample Number:** 1324      **Depth:** 2'  
**Location:** Test Pit 88, 7+00 (20' RT) - Hall of Fame Way (Roadway)      **Date:** 6-6-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61                   |
|   | Figure 188                           |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 1.1  | 0.4    | 7.2    | 86.9 | 4.4     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 98.9          |                |              |
| #8         | 98.5          |                |              |
| #16        | 98.3          |                |              |
| #30        | 96.0          |                |              |
| #50        | 78.6          |                |              |
| #100       | 30.9          |                |              |
| #200       | 4.4           |                |              |

**Material Description**

Light brown poorly graded sand

PL= NP      **Atterberg Limits**      PI= NP  
 LL= NV

**Coefficients**

D<sub>85</sub>= 0.3448      D<sub>60</sub>= 0.2260      D<sub>50</sub>= 0.1977  
 D<sub>30</sub>= 0.1479      D<sub>15</sub>= 0.1068      D<sub>10</sub>= 0.0916  
 C<sub>u</sub>= 2.47      C<sub>c</sub>= 1.06

**Classification**

USCS= SP      AASHTO=

**Remarks**

Moisture: 5.5

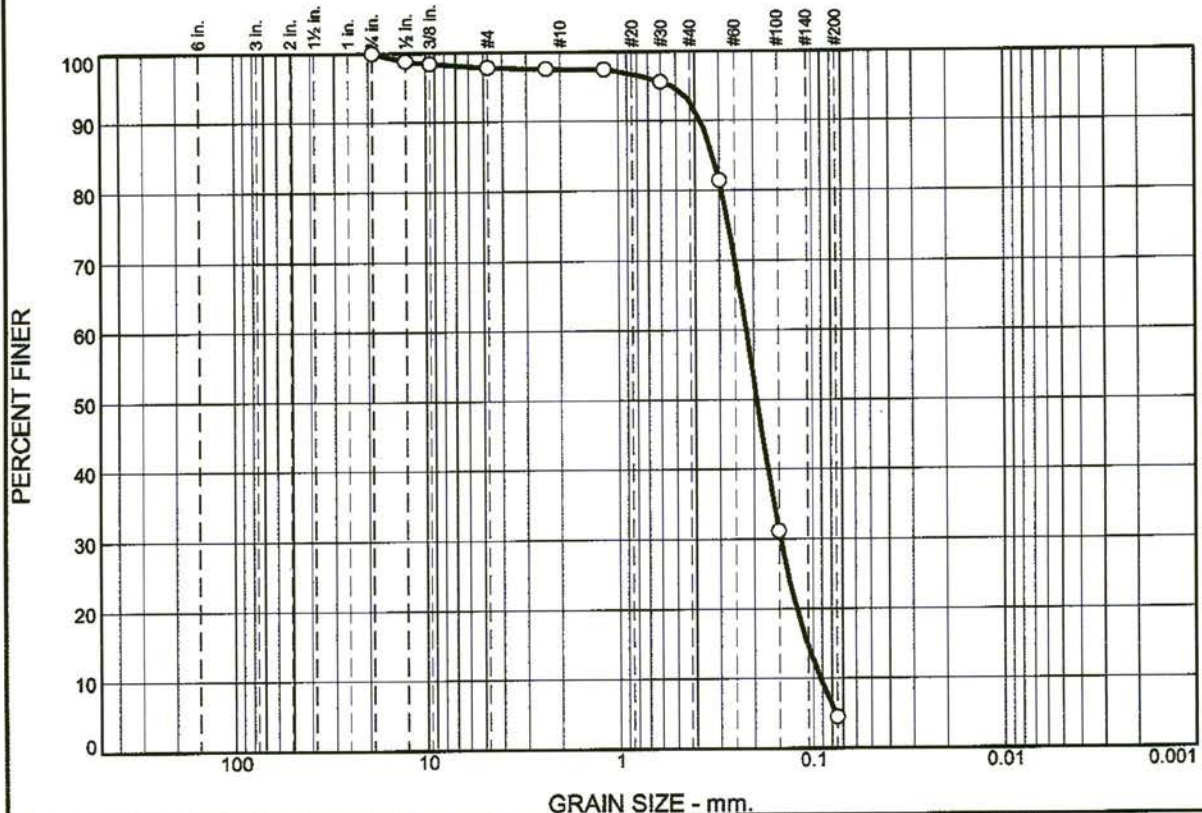
\* (no specification provided)

Sample Number: 1325      Depth: 6'  
 Location: Test Pit 89, 8+00 (20' LT) - Hall of Fame Way (Roadway)      Date: 6-6-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61      Figure 189   |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.1  | 0.4    | 4.7    | 88.3 | 4.5     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 98.9          |                |              |
| 3/8        | 98.5          |                |              |
| #4         | 97.9          |                |              |
| #8         | 97.6          |                |              |
| #16        | 97.4          |                |              |
| #30        | 95.6          |                |              |
| #50        | 81.4          |                |              |
| #100       | 31.1          |                |              |
| #200       | 4.5           |                |              |

**Material Description**

Light brown poorly graded sand

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| PL= NP                   | <b>Atterberg Limits</b>  | PI= NP                   |
|                          | LL= NV                   |                          |
|                          | <b>Coefficients</b>      |                          |
| D <sub>85</sub> = 0.3233 | D <sub>60</sub> = 0.2198 | D <sub>50</sub> = 0.1939 |
| D <sub>30</sub> = 0.1474 | D <sub>15</sub> = 0.1075 | D <sub>10</sub> = 0.0921 |
| C <sub>u</sub> = 2.39    | C <sub>c</sub> = 1.07    |                          |
| <b>Classification</b>    |                          |                          |
| USCS= SP      AASHTO=    |                          |                          |
| <b>Remarks</b>           |                          |                          |
| Moisture: 5.3            |                          |                          |

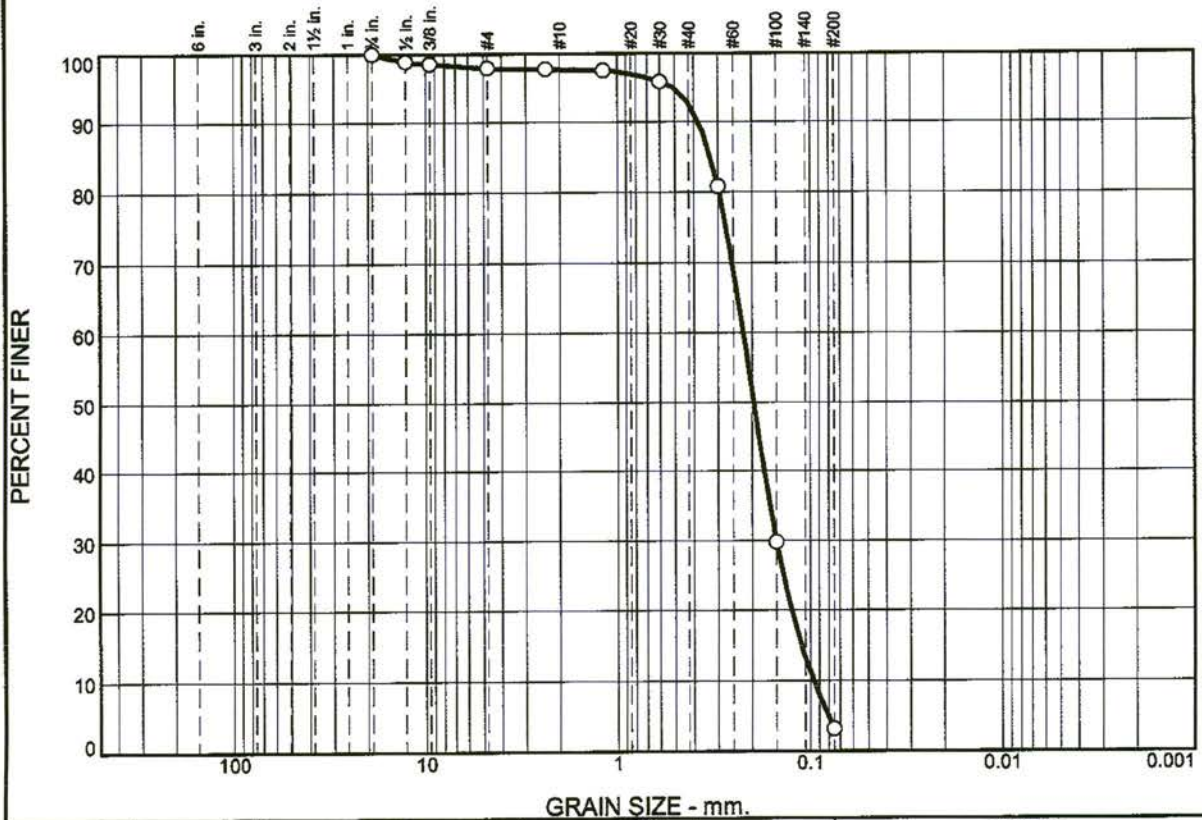
(no specification provided)

**Sample Number:** 1326      **Depth:** 4'  
**Location:** Test Pit 90, 8+50 (20' RT) - Hall of Fame Way (Roadway)      **Date:** 6-5-08

|   |   |
|---|---|
| <b>Mesquite Material Testing, L.L.C</b><br><br><div style="text-align: center; font-weight: bold; font-size: 1.2em;">Mesquite, NV</div> | <b>Client:</b> RFMS<br><b>Project:</b> Hitters Subdivision Phase I<br><br><b>Project No:</b> 138-61 <b>Figure</b> 190 |
|---|---|

**Tested By:** K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 2.1  | 0.2    | 5.0    | 89.5 | 3.2     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/4        | 100.0         |                |              |
| 1/2        | 98.9          |                |              |
| 3/8        | 98.5          |                |              |
| #4         | 97.9          |                |              |
| #8         | 97.7          |                |              |
| #16        | 97.6          |                |              |
| #30        | 95.9          |                |              |
| #50        | 80.8          |                |              |
| #100       | 29.8          |                |              |
| #200       | 3.2           |                |              |

**Material Description**

Light brown poorly graded sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3269      D<sub>60</sub>= 0.2225      D<sub>50</sub>= 0.1966  
D<sub>30</sub>= 0.1504      D<sub>15</sub>= 0.1114      D<sub>10</sub>= 0.0962  
C<sub>u</sub>= 2.31      C<sub>c</sub>= 1.06

**Classification**

USCS= SP      AASHTO=

**Remarks**

Moisture: 8.4

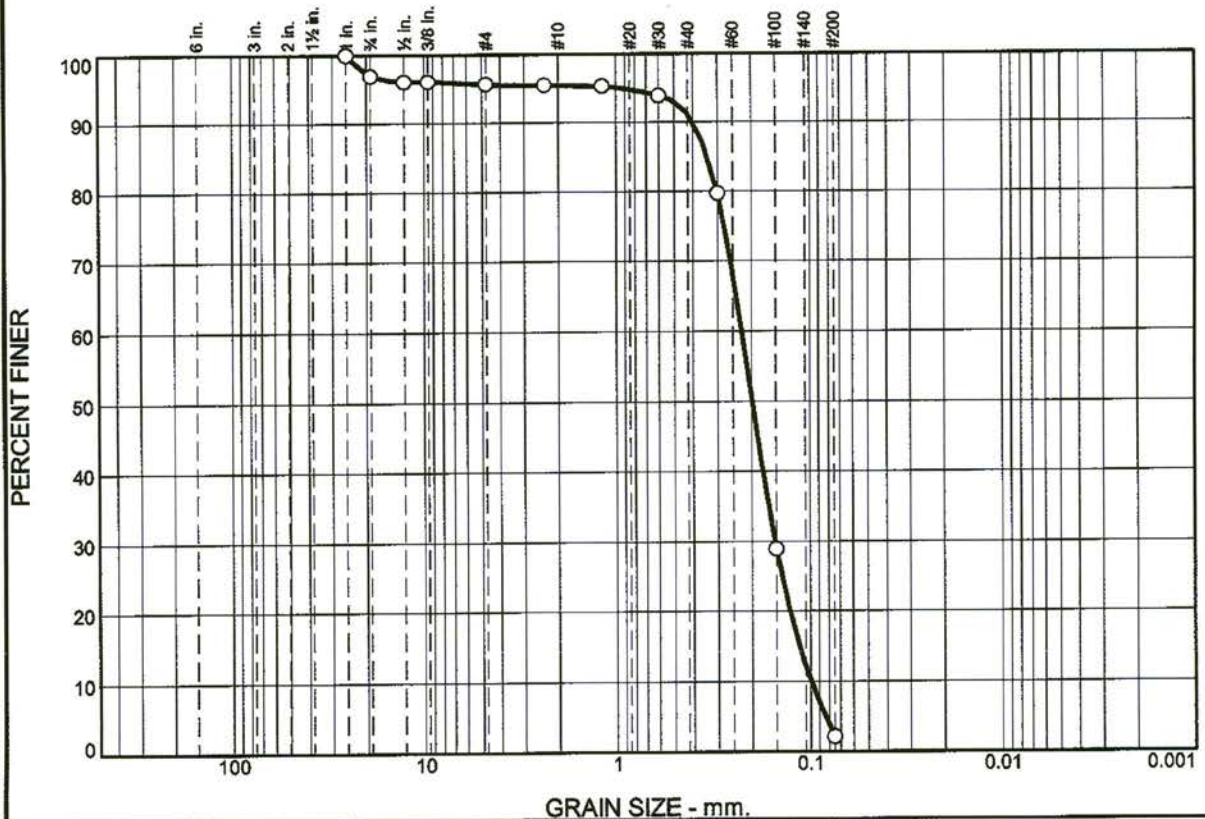
\* (no specification provided)

**Sample Number:** 1327      **Depth:** 3'  
**Location:** Test Pit 91, 2+00 (20' RT) - Williams Way (Roadway)      **Date:** 6-6-08

|   |   |
|---|---|
| <b>Mesquite Material Testing, L.L.C</b> | <b>Client:</b> RFMS                         |
| <b>Mesquite, NV</b>                     | <b>Project:</b> Hitters Subdivision Phase I |
|   | <b>Project No:</b> 138-61                   |
|   | <b>Figure</b> 191                           |

**Tested By:** K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 3.1      | 1.2  | 0.3    | 4.2    | 89.1 | 2.1     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1"         | 100.0         |                |              |
| 3/4        | 96.9          |                |              |
| 1/2        | 96.0          |                |              |
| 3/8        | 96.0          |                |              |
| #4         | 95.7          |                |              |
| #8         | 95.5          |                |              |
| #16        | 95.3          |                |              |
| #30        | 93.9          |                |              |
| #50        | 79.7          |                |              |
| #100       | 28.9          |                |              |
| #200       | 2.1           |                |              |

**Material Description**

Light brown poorly graded sand

**Atterberg Limits**

PL= NP      LL= NV      PI= NP

**Coefficients**

D<sub>85</sub>= 0.3365      D<sub>60</sub>= 0.2250      D<sub>50</sub>= 0.1987  
 D<sub>30</sub>= 0.1525      D<sub>15</sub>= 0.1142      D<sub>10</sub>= 0.0993  
 C<sub>u</sub>= 2.27      C<sub>c</sub>= 1.04

**Classification**

USCS= SP      AASHTO=

**Remarks**

Moisture: 5.9

(no specification provided)

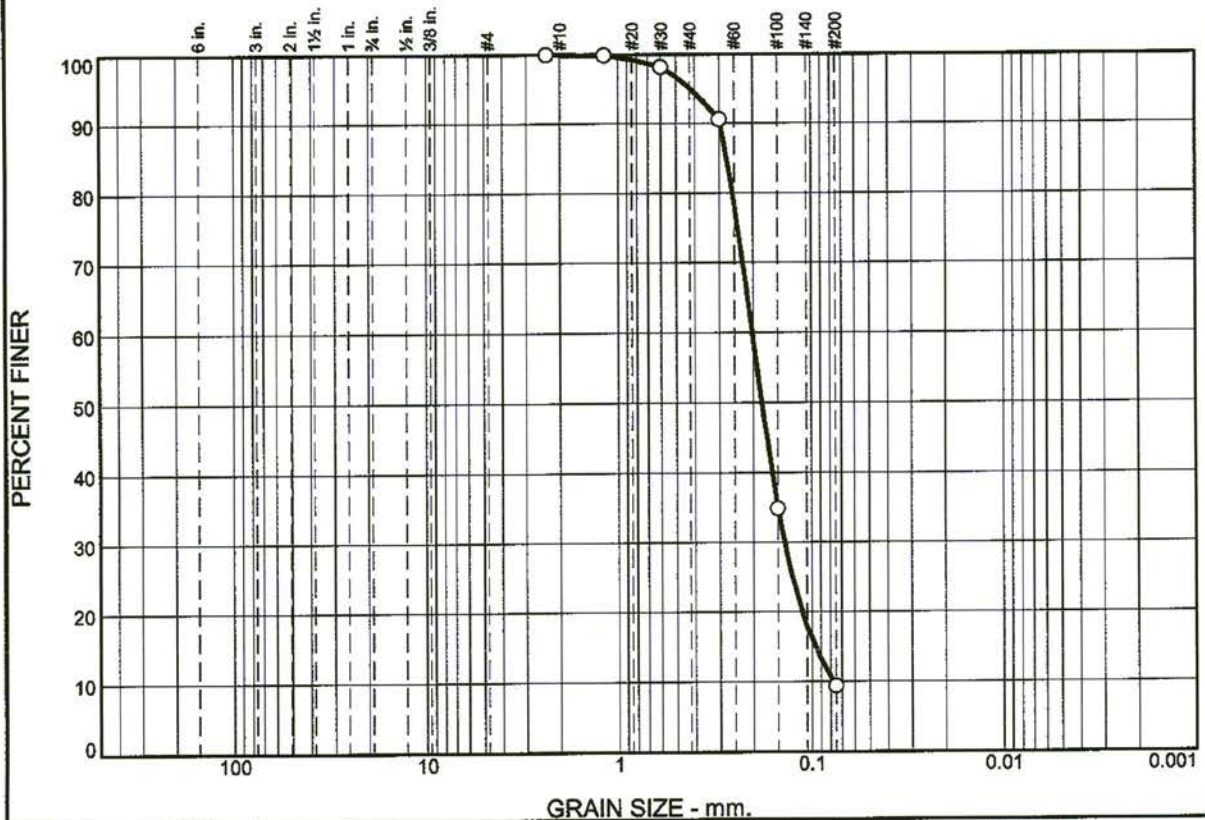
Sample Number: 1328      Depth: 5'  
 Location: Test Pit 92, 3+00 (20' LT) - Williams Way (Roadway)      Date: 6-5-08

|   |  |
|---|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><p style="text-align: center; font-weight: bold; font-size: 1.2em;">Mesquite, NV</p> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 192 |
|---|--|

Tested By: K. Gillespie



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.0    | 4.8    | 85.8 | 9.4     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 99.9          |                |              |
| #30        | 98.2          |                |              |
| #50        | 90.6          |                |              |
| #100       | 34.9          |                |              |
| #200       | 9.4           |                |              |

**Material Description**  
Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.2734      D<sub>60</sub>= 0.2023      D<sub>50</sub>= 0.1810  
 D<sub>30</sub>= 0.1390      D<sub>15</sub>= 0.0963      D<sub>10</sub>= 0.0773  
 C<sub>u</sub>= 2.62      C<sub>c</sub>= 1.24

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 5.4

(no specification provided)

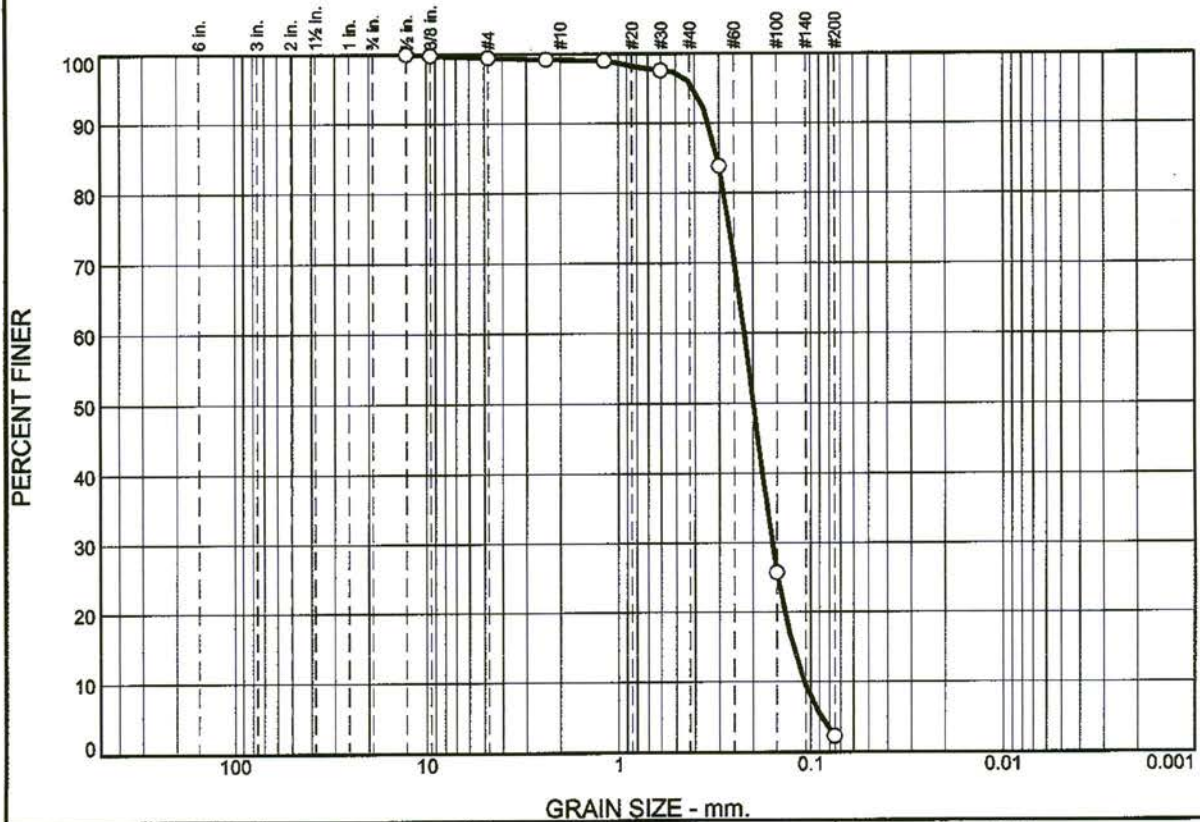
**Sample Number:** 1329      **Depth:** 2'  
**Location:** Test Pit 93, 4+00 (20' RT) - Williams Way (Roadway)

**Date:** 6-6-08

|   |                                      |
|---|--------------------------------------|
| <b>Mesquite Material Testing, L.L.C</b> | Client: RFMS                         |
|   | Project: Hitters Subdivision Phase I |
| <b>Mesquite, NV</b>                     | Project No: 138-61                   |
|   | Figure 193                           |

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.5  | 0.3    | 3.3    | 93.7 | 2.2     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 1/2        | 100.0         |                |              |
| 3/8        | 99.8          |                |              |
| #4         | 99.5          |                |              |
| #8         | 99.2          |                |              |
| #16        | 99.0          |                |              |
| #30        | 97.6          |                |              |
| #50        | 83.8          |                |              |
| #100       | 25.7          |                |              |
| #200       | 2.2           |                |              |

**Material Description**  
Light brown poorly graded sand

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3060      D<sub>60</sub>= 0.2225      D<sub>50</sub>= 0.1999  
 D<sub>30</sub>= 0.1590      D<sub>15</sub>= 0.1238      D<sub>10</sub>= 0.1082  
 C<sub>u</sub>= 2.06      C<sub>c</sub>= 1.05

**Classification**  
 USCS= SP      AASHTO=

**Remarks**  
 Moisture: 6.0

(no specification provided)

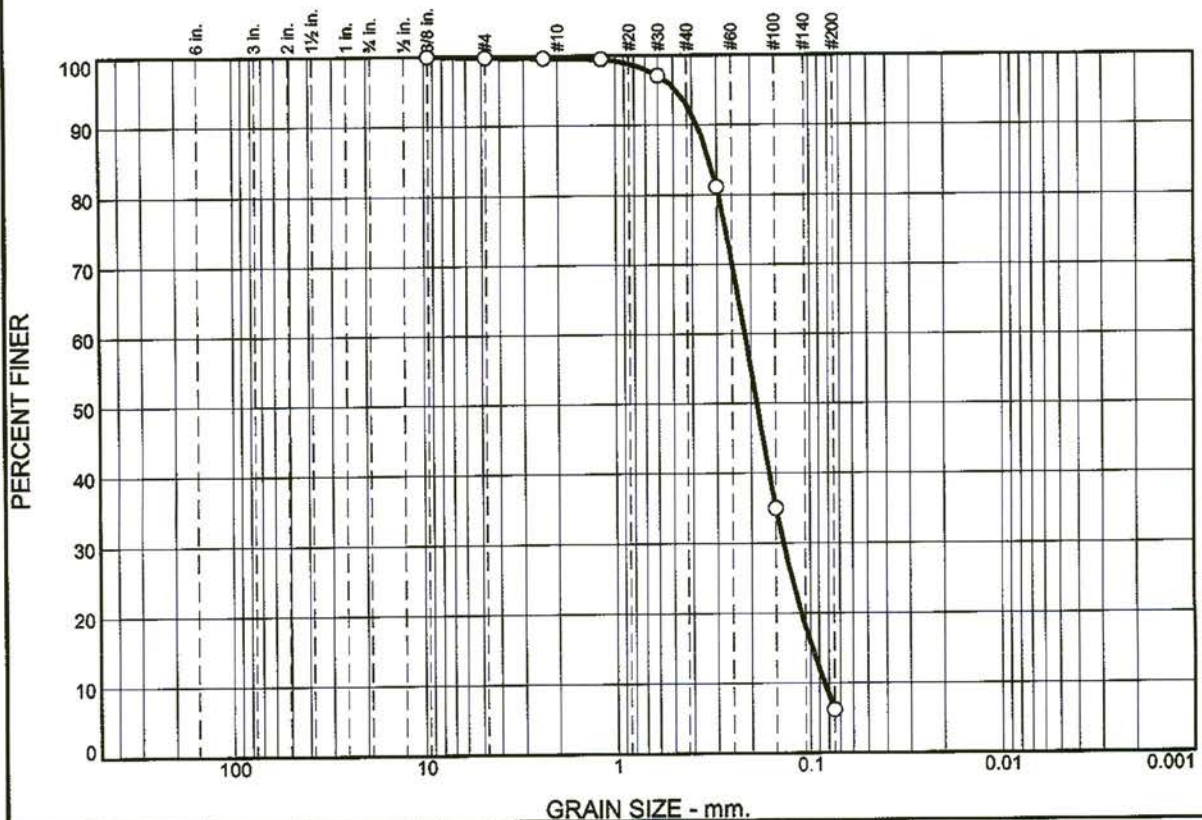
**Sample Number:** 1330      **Depth:** 7'  
**Location:** Test Pit 94, 5+00 (20' LT) - Williams Way (Roadway)      **Date:** 6-5-08

|   |   |
|---|---|
| <b>Mesquite Material Testing, L.L.C</b><br><br><div style="text-align: center; font-weight: bold; font-size: 1.2em;">Mesquite, NV</div> | <b>Client:</b> RFMS<br><b>Project:</b> Hitters Subdivision Phase I<br><br><b>Project No:</b> 138-61 |
|---|---|

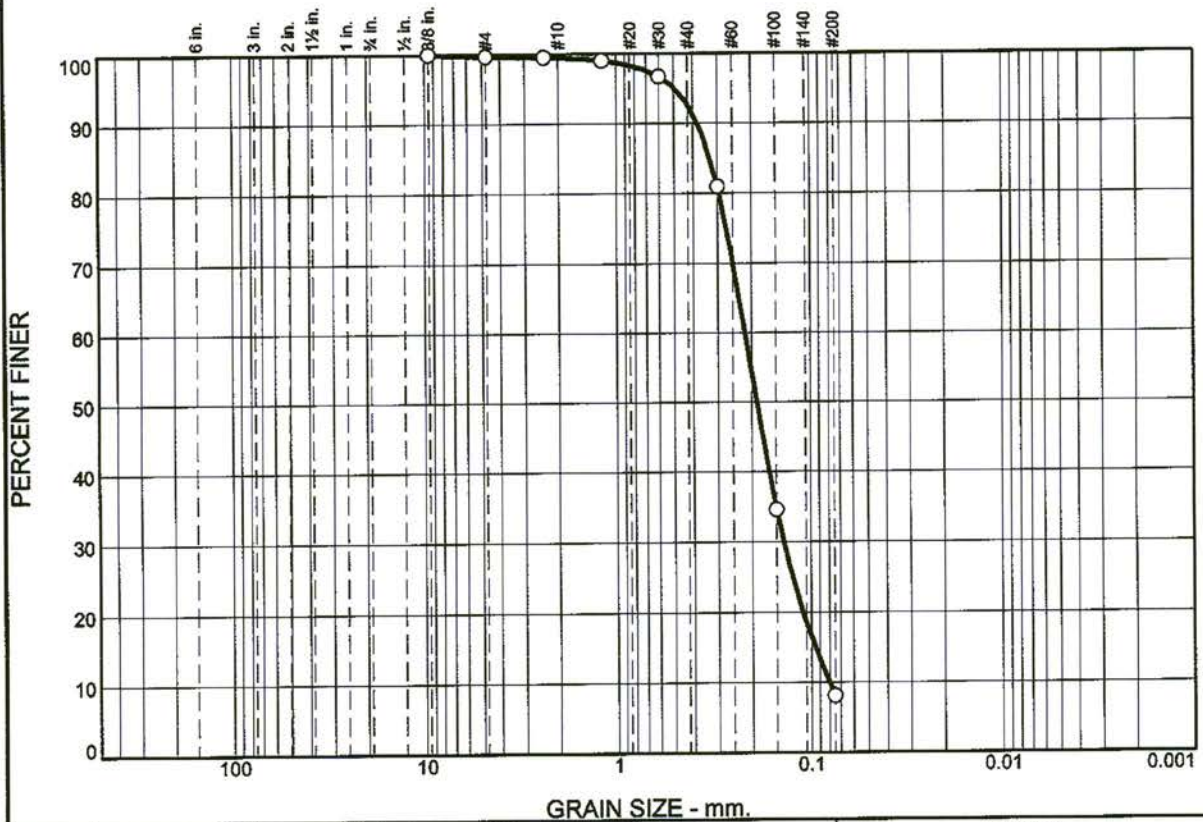
Figure 194

Tested By: K. Gillespie

# Particle Size Distribution Report



# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.3  | 0.3    | 6.7    | 84.6 | 8.1     |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 3/8        | 100.0         |                |              |
| #4         | 99.7          |                |              |
| #8         | 99.5          |                |              |
| #16        | 99.0          |                |              |
| #30        | 96.7          |                |              |
| #50        | 81.0          |                |              |
| #100       | 34.6          |                |              |
| #200       | 8.1           |                |              |

**Material Description**  
Light brown poorly graded sand with silt

**Atterberg Limits**  
 PL= NP      LL= NV      PI= NP

**Coefficients**  
 D<sub>85</sub>= 0.3276      D<sub>60</sub>= 0.2165      D<sub>50</sub>= 0.1888  
 D<sub>30</sub>= 0.1381      D<sub>15</sub>= 0.0952      D<sub>10</sub>= 0.0803  
 C<sub>u</sub>= 2.70      C<sub>c</sub>= 1.10

**Classification**  
 USCS= SP-SM      AASHTO=

**Remarks**  
 Moisture: 5.0

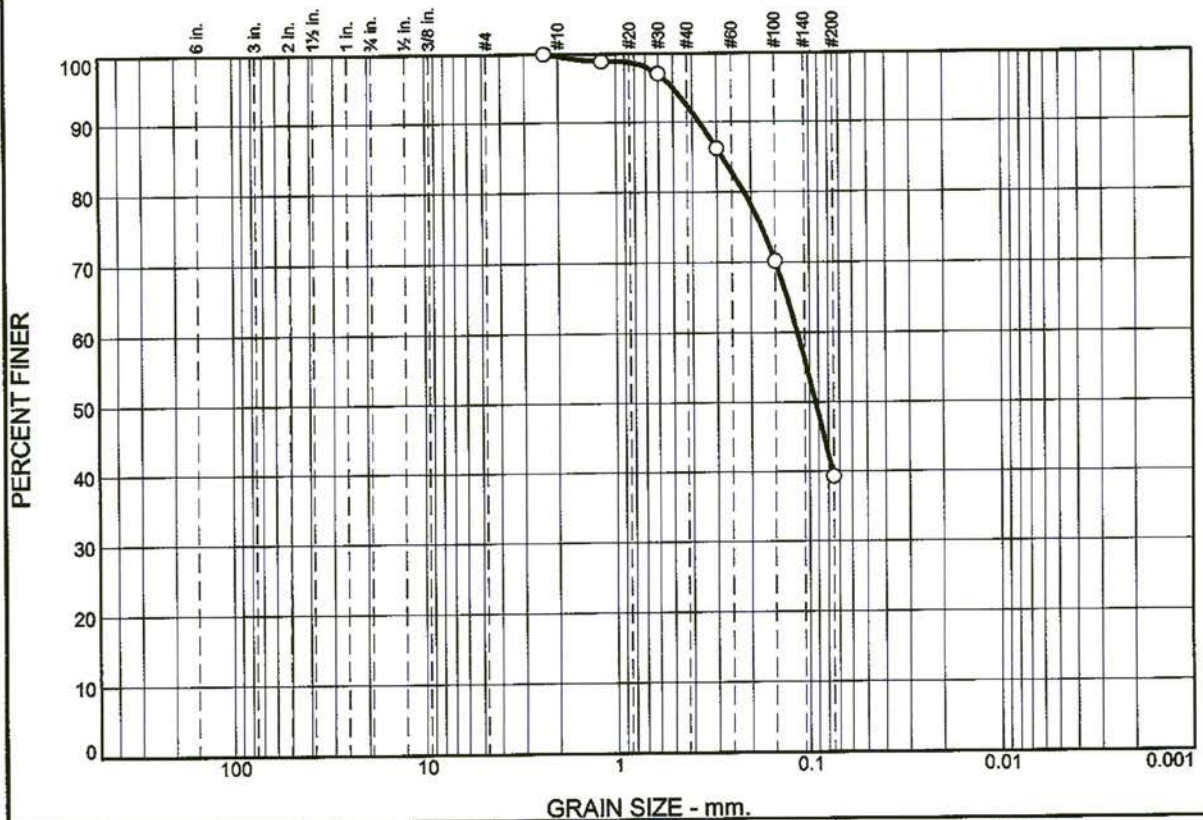
\* (no specification provided)

Sample Number: 1332      Depth: 7'  
 Location: Test Pit 96, 7+00 (20' LT) - Williams Way (Roadway)      Date: 6-6-08

|  |  |
|--|--|
| <b>Mesquite Material Testing, L.L.C</b><br><br><b>Mesquite, NV</b> | Client: RFMS<br>Project: Hitters Subdivision Phase I<br><br>Project No: 138-61      Figure 196 |
|--|--|

Tested By: K. Gillespie

# Particle Size Distribution Report



| % +3" | % Gravel |      | % Sand |        |      | % Fines |      |
|-------|----------|------|--------|--------|------|---------|------|
|       | Coarse   | Fine | Coarse | Medium | Fine | Silt    | Clay |
| 0.0   | 0.0      | 0.0  | 0.4    | 7.1    | 53.2 | 39.3    |      |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| #8         | 100.0         |                |              |
| #16        | 98.9          |                |              |
| #30        | 97.1          |                |              |
| #50        | 86.2          |                |              |
| #100       | 70.2          |                |              |
| #200       | 39.3          |                |              |

**Material Description**

Brown clayey sand

**Atterberg Limits**  
 PL= 7      LL= 27      PI= 20

**Coefficients**  
 D<sub>85</sub>= 0.2806      D<sub>60</sub>= 0.1155      D<sub>50</sub>= 0.0931  
 D<sub>30</sub>=              D<sub>15</sub>=              D<sub>10</sub>=  
 C<sub>u</sub>=              C<sub>c</sub>=

**Classification**  
 USCS= SC      AASHTO=

**Remarks**

Moisture: 22.8

(no specification provided)

**Sample Number:** 1255      **Depth:** 2'  
**Location:** Test Pit 97, 8+00 (20' RT) - Williams Way (Roadway)

**Date:** 6-19-08

**Mesquite Material Testing, L.L.C**

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I

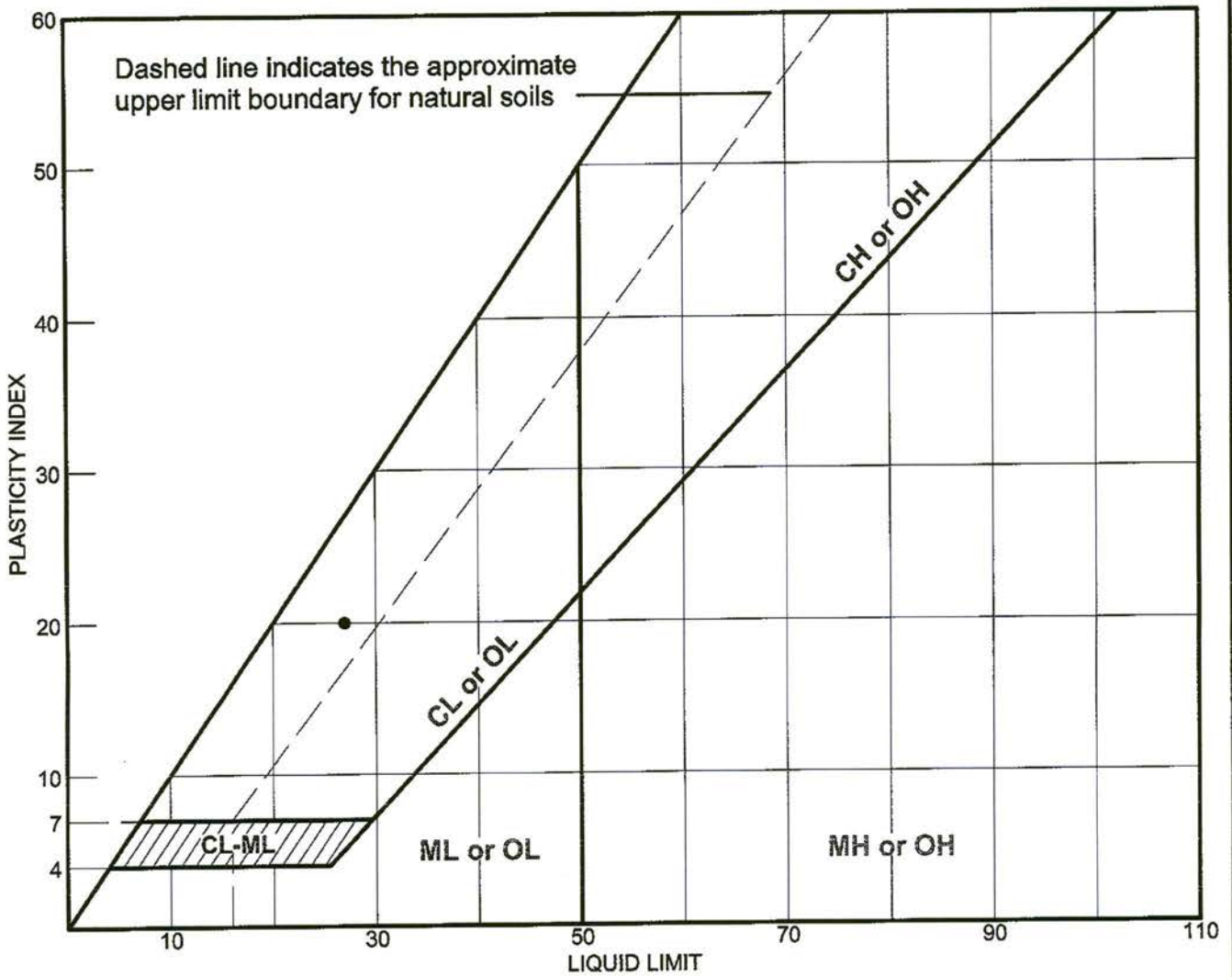
**Mesquite, NV**

**Project No:** 138-61

**Figure 197**

**Tested By:** K. Gillespie

# LIQUID AND PLASTIC LIMITS TEST REPORT



| SOIL DATA |        |            |             |                           |                   |                  |                      |      |
|-----------|--------|------------|-------------|---------------------------|-------------------|------------------|----------------------|------|
| SYMBOL    | SOURCE | SAMPLE NO. | DEPTH (ft.) | NATURAL WATER CONTENT (%) | PLASTIC LIMIT (%) | LIQUID LIMIT (%) | PLASTICITY INDEX (%) | USCS |
| •         |        | 1255       | 2'          |                           | 7                 | 27               | 20                   | SC   |

LIQUID AND PLASTIC LIMITS TEST REPORT  
**Mesquite Material Testing, L.L.C**  
**Mesquite, NV**

**Client:** RFMS  
**Project:** Hitters Subdivision Phase I  
**Project No.:** 138-61

**Figure 198**