

UNCONFINED COMPRESSIVE STRENGTH of INTACT HARD CANDY SPECIMENS

ASTM D 7012-07 Method C (Modified) SOP S-45

CLIENT: GEOTECHNICS, INC.
 CLIENT PROJ: BULK HARD CANDY
 PROJECT NO.: 2010-000-01
 LAB ID NO.: 2010-000-01-02

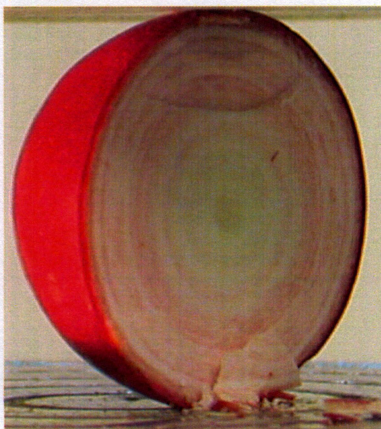
BORING I.D.: LAVA-911
 DEPTH(ft): MIDDLE EARTH
 SAMPLE ID: RED HOT

<p><u>SPECIMEN LENGTH (in.)</u> BEFORE CAPPING</p> <p>READING 1: 0.92 READING 2: 0.92 READING 3: 0.92 AVERAGE: 0.92</p>	<p><u>SPECIMEN DIAMETER(in.):</u></p> <p>READING 1: 0.92 READING 2: 0.92 AVERAGE: 0.92 AREA(in²): 0.66 L/D: 1.00</p>
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<p><u>SPECIMEN LENGTH (in.)</u> AFTER CAPPING</p> <p>READING 1: 0.92 READING 2: 0.92 READING 3: 0.92 AVERAGE: 0.92</p>	<p>TOTAL LOAD(lbs) 222 COMPRESSIVE STRENGTH (PSI): 330 (1) CORRECTION (PSI): 290 FRACTURE TYPE: SPLIT</p> <p>RATE OF LOADING(lbs/sec): 3 TIME TO BREAK(min:sec.): 1:15.33 DEVIATION FROM STRAIGHTNESS⁴:</p>
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AXIAL: *Pass* TOP: *Pass* BOTTOM: *Pass*

- NOTES: 1) Corrected PSI value for L/D <2.00, as per client's instructions. [failure stress/(0.88 + 0.24 * (d/l)]
 2) Moisture conditions at time of test are as received.
 3) Specimens capped with cement/plaster paste.
 4) Deviation from straightness, Procedure A of ASTM D 4543.
 5) Temperature is laboratory room temperature.
 Pass/Fail criteria: gap < 0.02 = Pass, gap > 0.02 = Fail



PHYSICAL DESCRIPTION: FIREBALL TYPE CANDY

Notes:

Tested By: JAC Date: 01/21/10 Checked By: *KB* Date: *1-21-10*