

## 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.: 2010-000-01-05

BORING I.D.: BAG SAMPLE  
 DEPTH(ft): BOTTOM of BAG  
 SAMPLE ID: YELLOW MOON

SPECIMEN LENGTH (in.)

BEFORE CAPPING

READING 1: 0.92  
 READING 2: 0.92  
 READING 3: 0.92  
**AVERAGE: 0.92**

SPECIMEN LENGTH (in.)

AFTER CAPPING

READING 1: 0.92  
 READING 2: 0.92  
 READING 3: 0.92  
**AVERAGE: 0.92**

SPECIMEN DIAMETER(in.):

READING 1: 0.92  
 READING 2: 0.92  
 AVERAGE: **0.92**  
 AREA(in<sup>2</sup>): 0.66  
 L/D: 1.00

TOTAL LOAD(lbs) 372  
**COMPRESSIVE STRENGTH (PSI): 560**  
**(f) CORRECTION (PSI): 500**

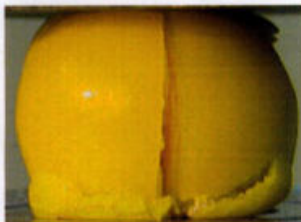
**FRACTURE TYPE: CONE&SPLIT**

RATE OF LOADING(lbs/sec): 3  
 TIME TO BREAK(min.sec.): 1:55.18  
**DEVIATION FROM STRAIGHTNESS<sup>4</sup>:**

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 \* (dl)) ]

- 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: LEMON CANDY

Notes: