

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.: 2010-000-01-03

BORING I.D.: BAG SAMPLE
 DEPTH(ft): MIDDLE of BAG
 SAMPLE ID: BLUE CRYSTAL

SPECIMEN LENGTH (in.)

BEFORE CAPPING

READING 1: 1.03
 READING 2: 1.03
 READING 3: 1.03
AVERAGE: 1.03

SPECIMEN DIAMETER(in.):

READING 1: 0.57
 READING 2: 0.57
AVERAGE: 0.57
 AREA(in²): 0.26
 L/D: 1.80

SPECIMEN LENGTH (in.)

AFTER CAPPING

READING 1: 1.03
 READING 2: 1.03
 READING 3: 1.03
AVERAGE: 1.03

TOTAL LOAD(lbs) 1,030
COMPRESSIVE STRENGTH (PSI): 4,010
(1) CORRECTION (PSI): 3,960
 FRACTURE TYPE: **SHATTERED**

RATE OF LOADING(lbs/sec): 6
 TIME TO BREAK(min:sec.): 2:42.21
 DEVIATION FROM STRAIGHTNESS⁴:

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: RANCHER TYPE CANDY

Notes:

Tested By: JAC

Date: 01/21/10

Checked By: *KB*

Date: 1-21-10