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INTEGRITY IN TESTING

UNCONFINED COMPRESSIVE STRENGTH of INTACT ROCK CORE SPECIMENS

ASTM D 7012-10 Method C

This method does not report strain rate or deformation

CLIENT:	URS CORPORATION	BORING I.D.:	B1-BLL
CLIENT PROJ:	R-0623 (Dual Bridges over Warner Creek)	DEPTH(ft):	24.8-25.5
PROJECT NO.:	2013-645-01	SAMPLE ID:	RS-1
LAB ID NO.:	2013-645-01-01	Moisture Condition:	As Received-Unpreserved

SPECIMEN LENGTH (in.)		SPECIMEN DIAMETER(in.):	
READING 1:	3.92	READING 1:	1.86
READING 2:	3.92	READING 2:	1.86
READING 3:	3.92	AVERAGE:	**1.86**
AVERAGE:	**3.92**	AREA(in^2):	2.71
		L/D:	2.11

TOTAL LOAD(lbs) 29,480

UNIAXIAL COMPRESSIVE STRENGTH (PSI): 10,870

FRACTURE TYPE: **CONE&SHEAR**

RATE OF LOADING(lbs/sec): 130

TIME TO BREAK(min:sec.): 3:46.72

DEVIATION FROM STRAIGHTNESS[2]:

AXIAL: *Pass* TOP: *Pass* BOTTOM: *Pass*

PHYSICAL DESCRIPTION: ROCK CORE

Notes:
1) Moisture conditions at time of test are: As Received-Unpreserved
2) Deviation from straightness, Procedure A of ASTM D 4543-08.
Pass/Fail criteria: gap < 0.02 = Pass, gap > 0.02 = Fail
3) Temperature is laboratory room temperature.

Tested By: JAC Date: 4/9/13 *Checked By* TM *Date* 4-9-13

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ASTM D 7012-10 Method C

This method does not report strain rate or deformation

CLIENT:	URS CORPORATION	BORING I.D.:	B1-ARL
CLIENT PROJ:	R-0623 (Dual Bridges over Warner Creek)	DEPTH(ft):	41.7-42.5
PROJECT NO.:	2013-645-01	SAMPLE ID:	RS-2
LAB ID NO.:	2013-645-01-02	Moisture Condition:	As Received-Unpreserved

SPECIMEN LENGTH (in.)		SPECIMEN DIAMETER(in.):	
READING 1:	3.82	READING 1:	1.86
READING 2:	3.82	READING 2:	1.86
READING 3:	3.82	AVERAGE:	**1.86**
AVERAGE:	**3.82**	AREA(in^2):	2.70
		L/D:	2.06

TOTAL LOAD(lbs) 11,780

UNIAXIAL COMPRESSIVE STRENGTH (PSI): 4,360

FRACTURE TYPE: **CONE&SHEAR**

RATE OF LOADING(lbs/sec): 86

TIME TO BREAK(min:sec.): 2:17.31

DEVIATION FROM STRAIGHTNESS[2]:

AXIAL: *Pass* TOP: *Pass* BOTTOM: *Pass*

PHYSICAL DESCRIPTION: ROCK CORE

Notes:
1) Moisture conditions at time of test are: As Received-Unpreserved
2) Deviation from straightness, Procedure A of ASTM D 4543-08.
Pass/Fail criteria: gap < 0.02 = Pass, gap > 0.02 = Fail
3) Temperature is laboratory room temperature.

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