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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.:	B2-ALL
CLIENT PROJ:	R-0623 (Dual Bridges over Warner Creek)	DEPTH(ft):	19.6-20.0
PROJECT NO.:	2013-645-01	SAMPLE ID:	RS-3
LAB ID NO.:	2013-645-01-03	Moisture Condition:	As Received-Unpreserved

SPECIMEN LENGTH (in.)		SPECIMEN DIAMETER(in.):	
READING 1:	3.31	READING 1:	1.85
READING 2:	3.31	READING 2:	1.85
READING 3:	3.31	AVERAGE:	**1.85**
AVERAGE:	**3.31**	AREA(in^2):	2.69
		L/D:	1.79

TOTAL LOAD(lbs) 10,850

UNIAXIAL COMPRESSIVE STRENGTH (PSI): 4,030

FRACTURE TYPE: **CONE**

RATE OF LOADING(lbs/sec): 91

TIME TO BREAK(min:sec.): 1:59.19

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.:	B2-ARL
CLIENT PROJ:	R-0623 (Dual Bridges over Warner Creek)	DEPTH(ft):	31.3-31.7
PROJECT NO.:	2013-645-01	SAMPLE ID:	RS-4
LAB ID NO.:	2013-645-01-04	Moisture Condition:	As Received-Unpreserved

SPECIMEN LENGTH (in.)		SPECIMEN DIAMETER(in.):	
READING 1:	3.08	READING 1:	1.86
READING 2:	3.08	READING 2:	1.86
READING 3:	3.08	AVERAGE:	**1.86**
AVERAGE:	**3.08**	AREA(in^2):	2.71
		L/D:	1.66

TOTAL LOAD(lbs) 6,930

UNIAXIAL COMPRESSIVE STRENGTH (PSI): 2,560

FRACTURE TYPE: **SHEAR**

RATE OF LOADING(lbs/sec): 82

TIME TO BREAK(min:sec.): 1:24.13

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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