

1DC smoothed results on Ottawa sand, high pressure phase

Test name: 03232015_1DC_100OS_70MPa_03_17

Test author: AMP

Material: Ottawa sand F-65

Soil batch delivered to: UCDavis CGM

Soil batch delivery date: 05/2014

Sample preparation state: D

Sample preparation method: Air pluviation H= 40 cm O= 7 degrees

eo: 0.54

Gs: 2.65

Deformation rate (in/min): 0.025

Maximum vertical effective stress (MPa): 71

e @ maximum vertical effective stress: 0.44

Mold cap #: 1

Vessel #: 1

Pre-consolidation time (min): 20

Mass of vessel (g): 1833.8

Mass of vessel + sample (g): 1921.9

Codes

1DC = One-dimensional compression

OS = Ottawa sand

D = Dense prepared specimen

L = Loose prepared specimen

H = Pluviator screens height

O = Pluviator screens opening

eo = Initial void ratio of the specimen

e = Void ratio

MTS = Brand of the universal testing machine used to run the high pressure consolidation stage of the tests

LPT = Linear Position Transducer

