

REPORT - GEOR001668
Unconfined compressive strength of intact rock and salt core specimens
(According to ASTM 7012 D)
(The test performed according to Lab procedure № 1200)

No.	BS - 29	Project No.	609029
Depth of tested specimen, m.	-	Project Name	Kokhav Hayarden
		Date of sampling	-
		Date of testing	04/07/2018

Rock description:	Amygdaloidal Basalt
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Note:

X	The test was performed at natural moisture content.		
	The test was performed after saturation of	48	hours

Specimen conditions:		Initially	After Saturation
Wet Mass	gr	359.20	
Diameter	cm	4.90	
Length	cm	9.74	
Area	cm ²	18.85	
Height to diameter ratio	--	1.99	
Dry Unit Weight	kg/m ³	1755	
Water content	%	11.5	
Void Ratio	-	-	-
Water Absorption	%	-	-

Test Results:	
Maximal Applied Force in failure, kN:	14.66
Unconfined Compressive Stress in failure, MPa :	7.78

Test Conditions:	
Test Time t, sec	291
Temperature during the test T, C°	25



Performed by:

Andrey Makeev
Lab. Technician

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