

## REPORT · GEOR001514

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

No.	PYR - 7	Project No.	609029
Depth of tested specimen, m.	-	Project Name	Kokhav Hayarden
		Date of sampling	-
		Date of testing	11/12/2017

Rock description:	Pyroclastic
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**Note:**

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

Specimen conditions:		Initially	After Saturation
Wet Mass	gr	290.70	306.40
Diameter	cm	4.67	4.67
Length	cm	7.99	7.99
Area	cm <sup>2</sup>	17.08	17.08
Height to diameter ratio	--	1.71	1.71
Dry Unit Weight	kg/m <sup>3</sup>		2000
Water content	%		12.31
Void Ratio	-	-	-
Water Absorption	%	-	-



Test Results:	
Maximal Applied Force in failure, kN:	6.05
Unconfined Compressive Stress in failure, MPa :	3.54

Test Conditions:	
Test Time t, sec	121
Temperature during the test T, C°	24

Performed by:

Sergey Shemborsky  
Lab. Technician

Approved by:

Dr. Yan Goretsky  
Chief. Engineer

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