

REPORT**Unconfined Compressive Strength of Intact Rock Core Specimens****ASTM D 7012, Method C**

Work No : 12206
Contract No : 556244 / 609029
Client : SHC / Mivdaka
Project : KHPSP
Work Order : 798

Re : Un-4853
Sample : Bs-43
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2874
Water Content, % : 0.8

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
89.7	48.4	1.9	292.4	158.9



Eng. on Soils : Dr. S.Shulov, E.Shpigelman

Checked by : D.Kantarovich

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Re : Un-4854
Sample : Bs-44
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2875
Water Content, % : 0.6

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
90.0	48.3	1.9	241.7	131.9



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Re : Un-4855
Sample : Bs-45
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2851
Water Content, % : 1.0

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
89.1	48.4	1.8	100.5	54.6



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Re : Un-4856
Sample : Bs-46
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2873
Water Content, % : 0.8

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
91.0	48.4	1.9	234.1	127.2



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Work Order : 798

Re : Un-4856
Sample : Bs-46
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2873
Water Content, % : 0.8

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
91.0	48.4	1.9	234.1	127.2



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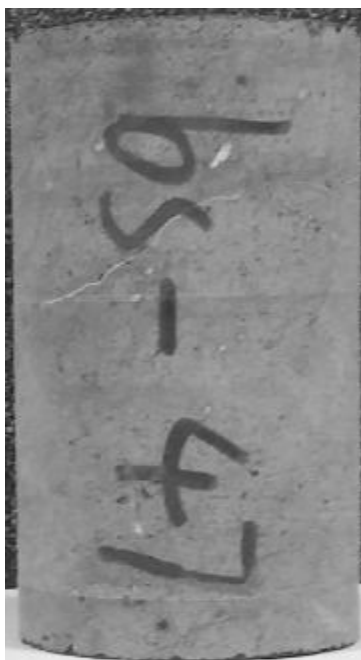
Work No : 12206
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Re : Un-4857
Sample : Bs-47
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2879
Water Content, % : 0.7

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
91.1	48.4	1.9	120.0	65.2



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Re : Un-4858
Sample : Bs-48
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2914
Water Content, % : 0.6

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
91.4	48.3	1.9	223.2	121.8



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Re : Un-4859
Sample : Bs-49
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2917
Water Content, % : 0.6

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
90.4	48.3	1.9	171.6	93.7



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Re : Un-4860
Sample : Bs-50
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2872
Water Content, % : 0.8

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
90.4	48.3	1.9	174.1	95.0



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Re : Un-4861
Sample : Bs-51
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2910
Water Content, % : 0.5

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compres. Stress, MPa
Height	Diameter			
90.6	48.3	1.9	250.6	136.8



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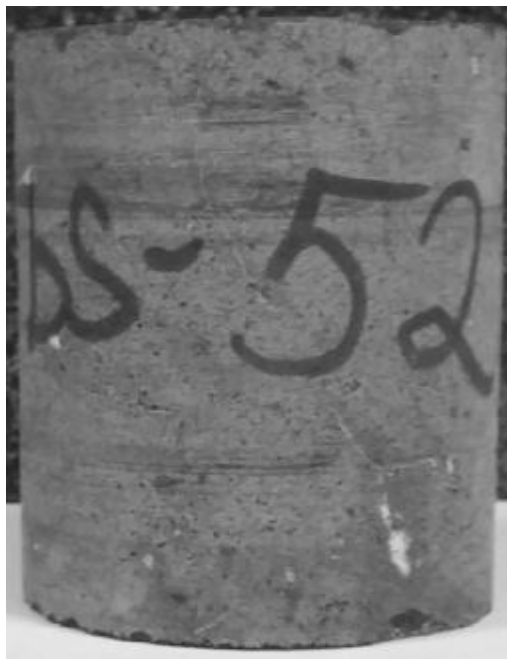
Work No : 12206
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Re : Un-4862
Sample : Bs-52
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2868
Water Content, % : 0.7

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compres. Stress, MPa
Height	Diameter			
62.6	48.3	1.3	113.3	61.8



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Re : Un-4863
Sample : Bs-53
Taken Date : 12.11.2018
Issue Date : 26.11.2018

Type of Sample: Undisturbed

Dry Density , kg/m³ : 2866
Water Content,% : 0.9

Average Value for Tested Specimen, mm		Height-to-Diameter Ratio	Maximum Axial Force, kN	Unconfined Compress. Stress, MPa
Height	Diameter			
88.7	48.4	1.8	160.1	87.0



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