



ISO 9001:2015



TC-5794

Discipline: Mechanical Testing

Group: Soil and Rock

## CENTRE FOR DEVELOPMENT OF STONES

(An autonomous organisation promoted by Government of Rajasthan and RIICO)

SP-8, SITAPURA INDUSTRIAL AREA, PHASE (IV) JAIPUR-302022, INDIA

Email: testinglab@cdos-india.com, info@cdos-india.com,

Website: www.cdos-india.com

## STONE TESTING LABORATORY (R&D CENTRE)

ULR-TC57942300000032F

### TEST REPORT

Reference No.	TRF dated May 8, 2023
Rock Type	Quartzite
Commercial Name	Verda Mocha
Nature of the Sample	Machine Cut Tiles & Lumps
Condition of Sample	Ok
Date of receipt of sample	May 12, 2023
Date of testing	May 18, 2023 to May 26, 2023

### TEST RESULT

#### Water Absorption {Test Method -IS 1124:1974 (Reaffirmed 2017)}

(Room Temperature: 20.2°C & Water Temperature: 20.1°C)

S.No.	Sample Mark	Specimen weight before immersion (gm)	Specimen weight after immersion for 24 hours (B) (gm)	Specimen weight after oven dry for 24 hours (A) in (gm)	Water Absorption (%)
1.	05/2023-24/QS/368	1003.91	1005.43	1002.52	0.29
2.	05/2023-24/QS/369	1003.21	1004.64	1001.69	0.29
3.	05/2023-24/QS/370	1003.50	1004.58	1001.77	0.28
<b>Average Value</b>					<b>0.29</b>

*Manish Gupta*  
(Manish Gupta)  
Quality & Technical Manager  
Prepared & Reviewed by

*(K. K. Mathur)*  
Consultant Geologist  
Authorised Signatory

#### Disclaimer:

- ❖ The laboratory studies and test results pertain only to the samples supplied by customer and it shall not be generalized for the similar rock type and its location.
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#### Apparent Specific Gravity {Test Method -IS 1124:1974 (Reaffirmed 2017)}

(Room Temperature: 20.2°C & Water Temperature: 20.1°C)

S.No.	Sample Mark	Specimen weight before immersion (gm)	Specimen weight after immersion for 24 hours (B) (gm)	Measured Quantity of water added in cylinder (C) in (ml)	Specimen weight after oven dry for 24 hours (A) in (gm)	Apparent Specific Gravity
1.	05/2023-24/QS/368	1003.91	1005.43	639	1002.52	2.78
2.	05/2023-24/QS/369	1003.21	1004.64	639	1001.69	2.77
3.	05/2023-24/QS/370	1003.50	1004.58	641	1001.77	2.79
<b>Average Value</b>						<b>2.78</b>

#### Apparent Porosity – {Test Method -IS 1124:1974 (Reaffirmed 2017)}

(Room Temperature: 20.2°C & Water Temperature: 20.1°C)

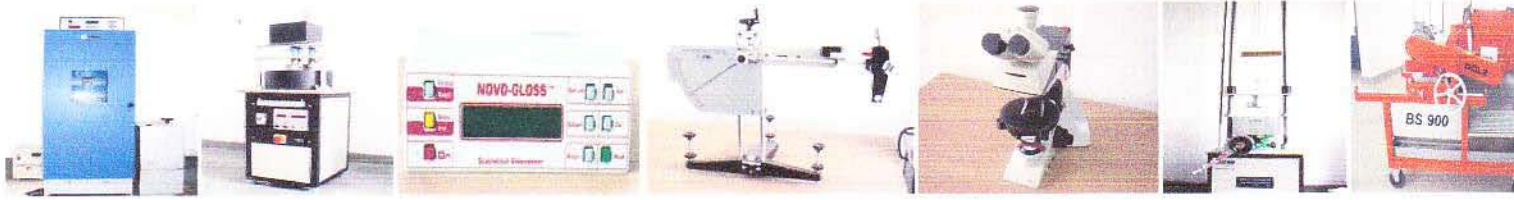
S.No.	Sample Mark	Specimen weight before immersion (gm)	Specimen weight after immersion for 24 hours (B) (gm)	Measured Quantity of water added in cylinder (C) in (ml)	Specimen weight after oven dry for 24 hours (A) in (gm)	Apparent Porosity (%)
1.	05/2023-24/QS/368	1003.91	1005.43	639	1002.52	0.81
2.	05/2023-24/QS/369	1003.21	1004.64	639	1001.69	0.82
3.	05/2023-24/QS/370	1003.50	1004.58	641	1001.77	0.78
<b>Average Value</b>						<b>0.80</b>

  
 (Manish Gupta)  
 Quality & Technical Manager  
 Prepared & Reviewed by

  
 (K. K. Mathur)  
 Consultant Geologist  
 Authorised Signatory

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### Moh's Hardness (Test Method -CDOS/TP/23)

S.No.	Sample Mark	Scratched with no. values
1.	05/2023-24/QS/365	Between 6 to 7
2.	05/2023-24/QS/366	Between 6 to 7
3.	05/2023-24/QS/367	Between 6 to 7



Verda Mocha Quartzite Stone Sample

Date of issue of report: May 26, 2023

  
 (Manish Gupta)  
 Quality & Technical Manager  
 Prepared & Reviewed by



  
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\*\*\*End of Test Report\*\*\*

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