



Ref : RGDI: 809S/01

16 March 2023

To
M/S Shivalik Silica
H. No. 1 Swarn Jayanti Nagar,
Near Kali Bagichi Petrol Pump,
Bharatpur-321001 (Rajasthan)

Dear Sir,

With reference to your mail dated 03.03.23, we furnish below the evaluation report of quartzite samples sent by you.

Sample Description	PT/SS/1	PT/SS/2
Apparent Porosity (%)	0.7	0.6
Apparent Porosity after firing at 1300°C(%)	1.9	2.1

Thanking you;

Yours Faithfully
For Dalmia Institute of Scientific
& Industrial Research

(Dr.P.R.Rauta)
Sr Manager, R&D



ISO 9001:2015

CENTRE FOR DEVELOPMENT OF STONES
(An autonomous organisation promoted by Government of Rajasthan and RIICO)
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Email: testinglab@cdos-india.com, info@cdos-india.com,
Website: www.cdos-india.com

Discipline: Mechanical Testing
Group: Soil and Rock

STONE TESTING LABORATORY (R&D CENTRE)

ULR-TC57942600000008F

TEST REPORT

- | | |
|---|--|
| 1. Name and address of the customer | M/s Indus Planet Mineral Solutions,
Shop No. 02, Khasra No. 2560/1115, 2562/1116,
2564/2288, NH-48, Gram Gidani Mauzmabaad,
Dudu-303008, Rajasthan, India |
| 2. Reference No. | TRF dated February 13, 2026 |
| 3. Rock Type | Quartzite |
| 4. Commercial Name | ---- |
| 5. Customer Sample ID No. | IPMS-1 to IPMS-59 |
| 6. Location of the Sample
(as specified by customer) | Village: Agwali, Tehsil: Bayana, Bharatpur, Rajasthan,
India |
| 7. Nature of the Sample | Machine cut |
| 8. Condition of Sample | Ok |
| 9. Date of receipt of sample | February 4, 2026 |
| 10. Date of testing | February 9, 2026 to February 24, 2026 |

Water Absorption at Atmospheric Pressure (Test Method-EN 13755:2008)

(Room Temperature: 20.4°C & Water Temperature: 20.2°C)

S.No.	Sample Mark	Weight before oven (gm)	Weight after oven (gm)	Weight after immerse (gm)	Water Absorption (%)
1.	32/2025-26/SS/1992	256.45	256.39	256.57	0.07
2.	32/2025-26/SS/1993	265.33	265.28	265.50	0.08
3.	32/2025-26/SS/1994	254.37	254.28	254.62	0.13
4.	32/2025-26/SS/1995	283.78	283.72	283.94	0.08
5.	32/2025-26/SS/1996	249.96	249.88	250.11	0.09
6.	32/2025-26/SS/1997	260.04	259.98	260.18	0.08
Average Value					0.08

Water Absorption Coefficient by Capillarity (Test Method-EN 1925:1999)

(Room Temperature: 20.3°C & Water Temperature: 20.1°C)

S.No.	Sample Mark	Area (mm)	Weight after oven (gm)	Weight after immerse (gm)	Coefficient of Water Absorption by Capillarity (g/m ² s ^{0.5})
1.	32/2025-26/SS/2016	2455.73	283.44	283.71	0.187
2.	32/2025-26/SS/2017	2325.67	271.52	271.74	0.161
3.	32/2025-26/SS/2018	2185.18	255.41	255.76	0.272
4.	32/2025-26/SS/2019	2040.19	233.81	233.99	0.150
5.	32/2025-26/SS/2020	2221.98	273.65	273.84	0.145
6.	32/2025-26/SS/2021	2251.30	268.12	268.35	0.174
Average Value					0.181

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

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