



ISO 9001:2015

CENTRE FOR DEVELOPMENT OF STONES
(An autonomous organisation promoted by Government of Rajasthan and RIICO)
SP-8, SITAPURA INDUSTRIAL AREA, PHASE (IV) JAIPUR-302 022, INDIA
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 Mauzmaabaad,
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 |

Compressive Strength (Test Method EN 1926:2006)

(Room Temperature: 20.2°C)

S.No.	Sample Mark	Length (mm)	Width (mm)	Height (mm)	Breaking Load (KN)	Compressive Strength (MPa)
Perpendicular to Bedding Plane						
1.	32/2025-26/SS/1972	49.89	50.14	50.21	378.9	152
2.	32/2025-26/SS/1973	49.94	50.17	50.19	667.2	267
3.	32/2025-26/SS/1974	49.98	50.22	50.25	307.6	124
4.	32/2025-26/SS/1976	50.14	50.32	50.41	496.0	198
5.	32/2025-26/SS/1977	50.19	50.29	50.39	310.5	123
6.	32/2025-26/SS/1978	50.24	50.65	51.02	344.0	134
7.	32/2025-26/SS/1979	50.32	50.41	50.52	304.6	118
8.	32/2025-26/SS/1983	50.05	50.19	50.24	315.6	127
9.	32/2025-26/SS/1988	50.28	50.46	50.51	457.4	181
10.	32/2025-26/SS/1991	50.41	50.72	51.05	762.9	297
Average Value						172
Standard Deviation						64.03
Parallel to Bedding Plane						
1.	32/2025-26/SS/1975	50.07	50.12	50.61	181.6	72
2.	32/2025-26/SS/1980	50.35	50.58	50.63	249.1	98
3.	32/2025-26/SS/1981	50.41	50.55	50.75	292.1	114
4.	32/2025-26/SS/1982	49.92	50.26	50.33	230.5	92
5.	32/2025-26/SS/1984	50.12	50.18	50.29	188.7	76
6.	32/2025-26/SS/1985	50.18	50.36	50.54	251.7	99
7.	32/2025-26/SS/1986	50.24	50.37	50.41	169.2	67
8.	32/2025-26/SS/1987	50.31	50.52	50.68	159.8	63
9.	32/2025-26/SS/1989	50.25	50.45	50.55	286.9	114
10.	32/2025-26/SS/1990	50.35	50.65	50.72	157.3	63
Average Value						86
Standard Deviation						20.09

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

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



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(as specified by customer) | Village: Agwali, Tehsil: Bayana, Bharatpur, Rajasthan,
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| 7. | Nature of the Sample | Machine cut |
| 8. | Condition of Sample | Ok |
| 9. | Date of receipt of sample | February 4, 2026 |
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**Abrasion Resistance (Test Method-EN 14157:2017)
(Wide Wheel Abrasion Method)**

(Room Temperature: 20.7°C)

S.No.	Sample Mark	Average Groove Width(in mm)	Abrasion Resistance(mm)
1.	32/2025-26/SS/1998	14.25	14.42
2.	32/2025-26/SS/1999	14.15	14.32
3.	32/2025-26/SS/2000	15.60	15.77
4.	32/2025-26/SS/2001	15.52	15.69
5.	32/2025-26/SS/2002	14.61	14.78
6.	32/2025-26/SS/2003	13.94	14.11
Average Value			14.85

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



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End of Test Report



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India |
| 7. Nature of the Sample | Machine cut |
| 8. Condition of Sample | Ok |
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Rupture Energy (Test Method- EN 14158:2004)

(Room Temperature: 20.9°C)

S.No.	Sample Mark	Sample Size (mm)			Rupture Height (h) (mm)	Rupture Energy (W) (Joule)
		L	B	H		
1.	32/2025-26/SS/2005	200	200	30	550	5
2.	32/2025-26/SS/2006	200	200	30	400	4
3.	32/2025-26/SS/2007	200	200	30	450	4
4.	32/2025-26/SS/2008	200	200	30	500	5
5.	32/2025-26/SS/2009	200	200	30	450	4
Average Value						4

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End of Test Report