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| WhatsApp Image 2024-09-19 at 11 | **DCS ENGINEERS & CONSULTANT Pvt. Ltd.**  **(Formerly known as DC Consultant)**  Mobile : +91-7018819894, +91-9816755805, e-mail : [officialdcspvtltd@gmail.com](mailto:officialdcspvtltd@gmail.com)  **Regd. Office : VPO Taragarh (Rani Di K) Near Taragarh Palace Tehsil Baijnath District Kangra Himachal Pradesh (176081)** | | | | | |
| **Atterberg Limits** | **ANALYSIS DATA SHEET QSF-1001** | | | | | |
| Job Card No: | | | | Test: | | |
| Sample Description: | | | | Method: | | |
| DOR: | | DOS: | | DOC: | | Page No: |
| Sample Qty: | | | Residual Sample: | | Sample Retention: | |

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| **ATTERBERG LIMIT** | | | | | | | | | | | |
| **(As per IS 2720, Part - 5)** | | | | | | | | | | | |
| **OBSERVATION TABLE** | | | | | | | | | | | |
| **Sr no.** | **Determination No.** | | | **Unit** | **LIQUID LIMIT (LL), %** | | | | **PLASTIC LIMIT (PL), %** | | |
| **1** | **2** | **3** | **4** | **1** | **2** | **3** |
| 1 | **Penetration in mm /No. of Blows** | | |  |  |  |  |  |  |  |  |
| 2 | Container No. | | |  |  |  |  |  |  |  |  |
| 3 | Wt. of Container + Wet Soil | | | gms. |  |  |  |  |  |  |  |
| 4 | Wt. of Container + Dry Soil | | | gms. |  |  |  |  |  |  |  |
| 5 | Wt. of Empty Container | | | gms. |  |  |  |  |  |  |  |
| 6 | Wt. of Water (3 - 4) | | | gms. |  |  |  |  |  |  |  |
| 7 | Wt. of Dry Soil (4 - 5) | | | gms. |  |  |  |  |  |  |  |
| 8 | Moisture Content, % ((6/7)x100) | | | gms. |  |  |  |  |  |  |  |
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| Liquid Limit (LL), % = | | | | |  |  |  |  |  |  |  |
| Plastic Limit (PL), % = | | | | |  |  |  |  |  |  |  |
| Plasticity Index (PI) % = | | | | |  |  |  |  |  |  |  |

**Checked by Analyst**