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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)** | | | | |
| **CBR** | **ANALYSIS DATA SHEET QSF-1001** | | | | |
| Job Card No: | | | Test: | | |
| Sample Description: | | | Method: | | |
| DOR: | | DOS: | DOC: | | Page No: |
| Sample Qty: | | Residual Sample: | | Sample Retention: | |
| MDD/OMC | | Method of Compaction | | Period of Soaking | |

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| **CALIFORNIA BEARING RATIO (CBR) TEST (SOAKED/UNSOAKED)**  **(As Per IS 2720, Part-16)** | | | | | | | | | | |
| **No. of Blow** | **Unit** |  | | |  | |  | | **Remark** | |
| Mould No. |  |  | | |  | |  | |  | |
| Volume of Mould | cc |  | | |  | |  | |  | |
| Wt of Mould | gms |  | |  |  |  |  |  |  |  |
| Wt of Mould + Wet Soil | gms |  | | |  | |  | |  | |
| Wt of Wet Soil | gms |  | | |  | |  | |  | |
| Wet Density | gm/cc |  | | |  | |  | |  | |
| Moisture Content | % |  | |  |  |  |  |  |  |  |
| Dry Density | gm/cc |  | | |  | |  | |  | |
| % compaction | % |  | | |  | |  | |  | |
| **FINAL MOISTURE CONTENT DETERMINATION** | | | | | | | | | | |
| **No. of Blow** | **Unit** |  | | |  | |  | |  | |
| Container No. |  |  | | |  | |  | |  | |
| Wt of Cont. + Wet Soil | gms |  | | |  | |  | |  | |
| Wt of Cont. + Dry Soil | gms |  | | |  | |  | |  | |
| Wt of Empty Container | gms |  | | |  | |  | |  | |
| Wt of Water | gms |  | | |  | |  | |  | |
| Wt of Dry Soil | gms |  | | |  | |  | |  | |
| **TEST DATA** (Proving Ring Multification Factor= 1 Div =………………Kg) | | | | | | | | | | |
| **No. of Blow** |  | | | |  | |  | |  | |
| **Penetration mm** | **Divn.** | | **Load (Kg)** | | **Divn.** | **Load (Kg)** | **Divn.** | **Load (Kg)** |  | |
| 0.5 |  | |  | |  |  |  |  |  | |
| 1.0 |  | |  | |  |  |  |  |  | |
| 1.5 |  | |  | |  |  |  |  |  | |
| 2.0 |  | |  | |  |  |  |  |  | |
| 2.5 |  | |  | |  |  |  |  |  | |
| 3.0 |  | |  | |  |  |  |  |  |  |
| 4.0 |  | |  | |  |  |  |  |  | |
| 5.0 |  | |  | |  |  |  |  |  | |
| 7.5 |  | |  | |  |  |  |  |  | |
| 10.0 |  | |  | |  |  |  |  |  | |
| 12.5 |  | |  | |  |  |  |  |  | |
| **CBR %** |  | | | |  | |  | |  | |
| **CBR 2.5mm %** |  | | | | | | | | | |
| **CBR 5.0mm %** |  | | | | | | | | | |

**Checked by Analyst**