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# **REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.1427/35/L/10 Date: 11th January, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** CRJE (EA) LIMITED  **E-mail:** crjekjm@gmail.com  **Address:** P.O Box 51476-00100 NRB **Phone:** 0736561686  **2. Customer Contact:** 0736561686 6. **Job Card No.** 1420&1427/S/2023  **3. Sample Description:** Final fill layer 7. **Date fee paid:** 09/01/2023  **4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4115767&4115773  **5. Date Sample received:**09/01/2023 9. **Date Analysis started**:09/01/2023  **10. Additional information provided by the customer:** Proposed GSE Maintenance workshop in Jkia Nairobi.   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Sample No.** | **Date tested** | **Chainage**  **(Km)** | **Position** | **Layer Thickness**  (mm) | **Field dry density**  Kg/m3 | **Field moisture content** (%) | **Max. dry density**  **T99**  Kg/m3 | **Optimum moisture content**  (%) | **Relative Compaction** (%) | **Relative moisture content**  (%) | | **KM 0+000-0+100 Final Fill Layer** | | | | | | | | | | | | 575/S/22 | 9/01/23 | 0+025 | CL | 149 | 1390 | 20.0 | 1378 | 26.8 | 101 | 77 | | 576/S/22 | 9/01/23 | 0+050 | RHS | 150 | 1384 | 19.2 | 1378 | 26.8 | 100 | 74 | | 577/S/22 | 9/01/23 | 0+075 | LHS | 150 | 1380 | 19.5 | 1378 | 26.8 | 100 | 75 | | 578/S/22 | 9/01/23 | 0+090 | CL | 148 | 1391 | 19.8 | 1378 | 26.8 | 101 | 76 | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory**

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