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# **REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.1443/35/L/10 Date: 13th January, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** RESIDENT ENGINEER KeNHA  **E-mail:** rd.nairobi@kenha.co.ke  **Address:** P.O. Box 200-00507 NRB **Phone:** 0725420651  **2. Customer Contact:** 0725420651 6. **Job Card No.** 1415/S/2023  **3. Sample Description:** Base Layer 7. **Date fee paid:** 09/01/2023  **4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4115763  **5. Date Sample received:** 09/01/2023 9. **Date Analysis started**:09/01/2023  **10. Additional information provided by the customer:** Performance Based contract for Maintenance of outering/Kangundo-kamulu B63 Road.   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Sample No.** | **Date tested** | **Chainage**  **(Km)** | **Position** | **Layer Thickness**  (mm) | **Field dry density**  Kg/m3 | **Field moisture content** (%) | **Max. dry density**  **T180**  Kg/m3 | **Optimum moisture content**  (%) | **Relative Compaction** (%) | **Relative moisture content**  (%) | | **KM 22+175-24+500 Base Layer LHS Shoulder** | | | | | | | | | | | | 565/S/22 | 09/01/23 | 22+350 | LHS | 150 | 2049 | 8.2 | 1998 | 8.4 | 103 | 98 | | 566/S/22 | 09/01/23 | 22+580 | LHS | 150 | 2014 | 8.2 | 1998 | 8.4 | 101 | 98 | | 567/S/22 | 09/01/23 | 22+680 | LHS | 150 | 2044 | 8.4 | 1998 | 8.4 | 102 | 100 | | 568/S/22 | 09/01/23 | 22+770 | LHS | 150 | 1946 | 8.7 | 1998 | 8.4 | 97 | 104 | | 569/S/22 | 09/01/23 | 22+875 | LHS | 150 | 1999 | 8.5 | 1998 | 8.4 | 100 | 101 | | 570/S/22 | 09/01/23 | 23+313 | LHS | 150 | 2000 | 8.3 | 1998 | 8.4 | 100 | 99 | | 571/S/22 | 09/01/23 | 23+422 | LHS | 150 | 1990 | 7.9 | 1998 | 8.4 | 100 | 94 | | 572/S/22 | 09/01/23 | 23+530 | LHS | 150 | 2014 | 8.3 | 1998 | 8.4 | 101 | 99 | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC** **Soils Laboratory CSE Soils Laboratory**

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