

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.1978/35/L/10 Date: 5th April, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** KENYA AIRPORTS AUTHORITY /HAMETHYST LIMITED  **E-mail:** Not provided  **Address:** P.O.BOX 57653-00200 NAIROBI Phone: 0725337459  **2. Customer Contact:** 0725337459 6. Job Card No. 2038/S/2023  **3. Sample Description:** Base Layer 7. Date fee paid: 14/03/2023  **4. Sampled by:** MTRD Staff. 8. GOK MR No.4127856  **5. Date Sample received:** 14/03/2023 9. Date Analysis started:14/03/2023  **10. Additional information provided by the customer:** Proposed Musa Gate Access Road and Civil Works JKIA.  **Contract No.** KAA/ES//JKIA/0199/C     |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **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 (%)** | | **Base layer Km0+000-0+140 FW** | | | | | | | | | | | | 785/S/22 | 14/3/2023 | 0+015 | RHS | 150 | 1776 | 13.9 | 1786 | 14.6 | 99 | 95 | | 786/S/22 | 14/3/2023 | 0+095 | CL | 150 | 1716 | 14.4 | 1786 | 14.6 | 96 | 99 | | 787/S/22 | 14/3/2023 | 0+135 | LHS | 150 | 1776 | 14.3 | 1786 | 14.6 | 99 | 98 | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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