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# **REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

Telegraphic Address: “MINWORKS”, Nairobi Materials Testing & Research Division Telephone: Nairobi 554950/3/4 Machakos Road, Industrial Area Fax: 554877 P.O. Box 11873 – 00400 E-mail: chiefengineer@mtrd.go.ke NAIROBI

Ref No. M.635/35/L/10 Date: 27th September, 2023

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**1. Customer’s Details:** MORIKIN VENTURES LIMITED

**E-mail:** Not provided

**Address: Not provided** **Phone:** 0725292628

**2. Customer Contact:** 0725292628 6. **Job Card No.** 780/S/2023

**3. Sample Description:** Bottom subgrade Layer 7. **Date fee paid:** 23/09/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4058987

**5. Date Sample received:** 23/09/2023 9. **Date Analysis started**:23/09/2023

**10. Additional information provided by the customer:** Mwingi township roads

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| **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 (%)** |
| **Bottom subgrade km 0+280-0+480 FW** | | | | | | | | | | |
| 375/S/23 | 23/09/2023 | 0+320 | LHS | 150 | 1725 | 13.4 | 1700 | 15.9 | 101 | 84 |
| 376/S/23 | 23/09/2023 | 0+420 | RHS | 150 | 1699 | 13.0 | 1700 | 15.9 | 100 | 82 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS**