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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.385/35/L/10 Date: 21st August, 2023

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**1. Customer’s Details:** MS ADKINS EQUIPMENT SUPPLIES

**E-mail: adkins@equipments@gmail.com**

**Address:** P.O BOX 22436-00400 NRB **Phone:** 0720502229

**2. Customer Contact:** 0720502229 6. **Job Card No.** 398/S/2023

**3. Sample Description:** Subbase Layer 7. **Date fee paid:** 16/08/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4058651

**5. Date Sample received:** 16/08/2023 9. **Date Analysis started**: 16/08/2023

**10. Additional information provided by the customer:** Modern parking at Kawangware shopping Centre and Drainage Improvement at Kawangware Ward.

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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 (%)** |
| **Subbase Layer** | | | | | | | | | | |
| 206/S/23 | 16/08/23 | TP1 |  | 150 | 1741 | 14.1 | 1775 | 14.2 | 98 | 99 |
| 207/S/23 | 16/08/23 | TP2 |  | 150 | 1751 | 14.0 | 1775 | 14.2 | 99 | 99 |
| 208/S/23 | 16/08/23 | TP3 |  | 150 | 1753 | 13.2 | 1775 | 14.2 | 99 | 93 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory**

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