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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.1783/35/L/10 Date: 21st February, 2023

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**1. Customer’s Details:** RESIDENT ENGINEER KURA.

**E-mail:** estherwa63@gmail.com

**Address:** P.O.BOX 17956-00500 NRB **Phone:** 0721515815

**2. Customer Contact:** 0721515815 6. **Job Card No.** 1775/S/2023

**3. Sample Description**: Subbase Layer 7. **Date fee paid:** 16/02/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4127586

**5. Date Sample received:** 16/02/2023 9. **Date Analysis started**: 16/02/2023

**10. Additional information provided by the customer:** PBC LOT 21 Reconstruction of Masai lane.

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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 Km 0+040-0+650 FW** | | | | | | | | | | |
| 694/S/22 | 12/01/23 | 0+150 | LHS | 140 | 1592 | 17.5 | 1612 | 17.8 | 99 | 98 |
| 695/S/22 | 12/01/23 | 0+212 | CL | 150 | 1584 | 16.7 | 1612 | 17.8 | 98 | 94 |
| 696/S/22 | 12/01/23 | 0+340 | RHS | 150 | 1596 | 16.0 | 1612 | 17.8 | 99 | 90 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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