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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.896/35/L/10 Date: 7th November, 2023

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**1. Customer’s Details:** DICKOWA AGENCIES.

**E-mail:** Not provided

**Address:** Not provided **Phone:** 0722601269

**2. Customer Contact:** 0722601269 6. **Job Card No.** 1120/S/2023

**3. Sample Description:** Subbase Layer 7. **Date fee paid:** 31/10/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4367975

**5. Date Sample received:** 31/10/2023 9. **Date Analysis started**: 31/10/2023

**10. Additional information provided by the customer:** Tarmacking of Orenge-Kariadudu Road, Kariobangi North 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 (%)** |
| **KM 0+000-0+260 Subbase layer** | | | | | | | | | | |
| 690/S/23 | 31/10/23 | 0+040 | RHS | 150 | 1706 | 17.3 | 1723 | 18.2 | 99 | 95 |
| 694/S/23 | 31/10/23 | 0+080 | CL | 150 | 1723 | 17.7 | 1723 | 18.2 | 100 | 97 |
| 692/S/23 | 31/10/23 | 0+120 | CL | 150 | 1689 | 17.5 | 1723 | 18.2 | 98 | 96 |
| 693/S/23 | 31/10/23 | 0+220 | LHS | 150 | 1706 | 17.5 | 1723 | 18.2 | 99 | 96 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory**

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