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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.756/35/L/10 Date: 16th October, 2023

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**1. Customer’s Details:** CONTRALINKS SOLUTION AND SERVICES LIMITED.

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

**Address:** P.O. Box 61879-00200 NRB **Phone:** 0721910438

**2. Customer Contact:** 0721910438 6. **Job Card No.** 964/S/2023

**3. Sample Description:** Wearing Course Layer 7. **Date fee paid:** 13/10/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4367833

**5. Date Sample received:** 11/10/2023 9. **Date Analysis started**:11/10/2023

**10. Additional information provided by the customer:** Refurbishment of Karenga Airstrip in Kericho.

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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+000-1+200 FW Wearing Course Layer** | | | | | | | | | | |
| 661/S/23 | 10/10/2023 | 0+050 | RHS | 150 | 1866 | 13.4 |  |  |  |  |
| 662/S/23 | 10/10/2023 | 0+150 | CL | 150 | 1890 | 11.0 |  |  |  |  |
| 663/S/23 | 10/10/2023 | 0+250 | LHS | 150 | 1966 | 12.7 |  |  |  |  |
| 664/S/23 | 10/10/2023 | 0+350 | RHS | 150 | 1868 | 12.2 |  |  |  |  |
| 665/S/23 | 10/10/2023 | 0+450 | CL | 150 | 1895 | 12.0 |  |  |  |  |
| 666/S/23 | 10/10/2023 | 0+550 | LHS | 150 | 1861 | 11.9 |  |  |  |  |
| 667/S/23 | 10/10/2023 | 0+650 | RHS | 150 | 1865 | 10.8 |  |  |  |  |
| 668/S/23 | 10/10/2023 | 0+850 | CL | 150 | 1900 | 10.5 |  |  |  |  |
| 669/S/23 | 10/10/2023 | 1+000 | LHS | 150 | 1895 | 11.0 |  |  |  |  |
| 670/S/23 | 10/10/2023 | 1+150 | RHS | 150 | 1870 | 12.5 |  |  |  |  |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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