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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.679/35/L/10 Date: 3rd October, 2023

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**1. Customer’s Details:** DYNALITY TRADING LIMITED

**E-mail:** Not provided

**Address:** P.O BOX 34055-00100 NAIROBI **Phone:** 0722972054

**2. Customer Contact:** 0722972054 6. **Job Card No.** 849/S/2023

**3. Sample Description:** Subgrade Layer 7. **Date fee paid:** 02/10/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4367748

**5. Date Sample received:** 02/10/2023 9. **Date Analysis started**: 02/10/2023

**10. Additional information provided by the customer:** Construction of Access of Kenya Woman and Children wellness.

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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**  **T99**  **Kg/m3** | **Optimum moisture content (%)** | **Relative Compaction (%)** | **Relative moisture content (%)** |
| **KM 0+020-0+100 Subgrade Layer** | | | | | | | | | | |
| 421/S/23 | 02/10/23 | 0+030 | RHS | 150 | 1374 | 18.8 | 1380 | 23.5 | 100 | 80 |
| 422/S/23 | 02/10/23 | 0+050 | CL | 150 | 1397 | 19.5 | 1380 | 23.5 | 101 | 83 |
| 423/S/23 | 02/10/23 | 0+090 | LHS | 150 | 1736 | 19.8 | 1380 | 23.5 | 105 | 84 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory**

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