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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.782/35/L/10 Date: 18th October, 2023

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**1. Customer’s Details:** INFINITY DEVELOPMENT LTD

**E-mail:** infinitydev.ltd.com

**Address:** P.O BOX 22188 NAIROBI **Phone:** 0713664430

**2. Customer Contact:** 0713664430 6. **Job Card No.** 991/S/2023

**3. Sample Description:** Subbase 2 Layer 7. **Date fee paid:** 13/10/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4367857

**5. Date Sample received:** 13/10/2023 9. **Date Analysis started**: 13/10/2023

**10. Additional information provided by the customer:** Proposed civil and Other Associated works for social Housing project at meteorological site (Lot 2)

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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+110-0+210 Alignment F** | | | | | | | | | | |
| 608/S/23 | 13/10/23 | 0+120 | RHS | 150 | 1661 | 16.5 | 1655 | 17.4 | 100 | 95 |
| 609/S/23 | 13/10/23 | 0+140 | CL | 150 | 1620 | 15.8 | 1655 | 17.4 | 98 | 91 |
| 610/S/23 | 13/10/23 | 0+180 | LHS | 150 | 1600 | 15.3 | 1655 | 17.4 | 97 | 88 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory**

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