# 

# 

# 

# **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.858/35/L/10 Date: 27th October, 2023

|  |
| --- |
|  |

**1. Customer’s Details:** M/S INFINITY DEVELOPMENT LTD

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

**Address:** P.O BOX 22188 NAIROBI **Phone:** 0114039827

**2. Customer Contact:** 0114039827 6. **Job Card No.** 1031/S/2023

**3. Sample Description:** Subbase 2 Layer 7. **Date fee paid:** 19/10/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4367888

**5. Date Sample received:** 19/10/2023 9. **Date Analysis started**: 19/10/2023

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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+740-0+940 Tai Boulevard Road** | | | | | | | | | | |
| 680/S/23 | 19/10/23 | 0+780 | LHS | 150 | 1689 | 12.9 | 1723 | 14.5 | 98 | 89 |
| 681/S/23 | 19/10/23 | 0+840 | CL | 150 | 1706 | 13.5 | 1723 | 14.5 | 99 | 90 |
| 682/S/23 | 19/10/23 | 0+900 | RHS | 150 | 1671 | 12.5 | 1723 | 14.5 | 97 | 86 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory**

**…………………. ………………**