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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.036/35/L/10 Date: 10th July, 2023

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**1. Customer’s Details:** UNITY WEST SEZ LIMITED.

**E-mail:** Not provided

**Address:** Plot 1AB -02, Tatu city Kiambu county, Kenya **Phone:** 0745017909

**2. Customer Contact:** 0745017909 6. **Job Card No.** 041/S/2023

**3. Sample Description:** Formation Layer 7. **Date fee paid:** 06/07/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4053823

**5. Date Sample received:** 06/07/2023 9. **Date Analysis started**: 06/07/2023

**10. Additional information provided by the customer:** Unity 1

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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+215 Formation Layer** | | | | | | | | | | |
| 008/S/23 | 06/07/23 | 0+165 | RHS | 150 | 1287 | 26.8 | 1507 | 28.0 | 85 | 96 |
| 009/S/23 | 06/07/23 | 0+184 | LHS | 150 | 1444 | 25.6 | 1507 | 28.0 | 96 | 91 |
| 010/S/23 | 06/07/23 | 0+209 | CL | 150 | 1439 | 23.6 | 1507 | 28.0 | 95 | 84 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER ( MATERIALS)**