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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.1605/35/L/10 Date: 1st February, 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:** 0748017909

**2. Customer Contact:** 0748017909 6. **Job Card No.** 1640/S/2023

**3. Sample Description:** Base Layer 7. **Date fee paid:** 01/02/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4115963

**5. Date Sample received:** 26/01/2023 9. **Date Analysis started**: 26/01/2023

**10. Additional information provided by the customer:** Tatu city Kiambu county Kenya.

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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 (%)** |
| **Base Layer** | | | | | | | | | | |
| 684/S/22 | 26/01/22 | B1 |  | 150 | 1544 | 19.0 | 1635 | 17.3 | 94 | 110 |
| 685/S/22 | 26/01/22 | B2 |  | 150 | 1598 | 18.0 | 1635 | 17.3 | 98 | 104 |
| 686/S/22 | 26/01/22 | B3 |  | 150 | 1435 | 18.0 | 1635 | 17.3 | 88 | 104 |
| 687/S/22 | 26/01/22 | B4 |  | 150 | 1497 | 16.9 | 1635 | 17.3 | 92 | 98 |
| 688/S/22 | 26/01/22 | Boulevard |  | 150 | 1563 | 18.1 | 1635 | 17.3 | 96 | 105 |
| 689/S/22 | 26/01/22 | B5 |  | 150 | 1544 | 18.3 | 1635 | 17.3 | 94 | 106 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory.**

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