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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.1800/35/L/10 Date: 27th 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.** 1819/S/2023

**3. Sample Description:** Base Layer 7. **Date fee paid:** 22/02/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4127620

**5. Date Sample received:** 21/02/2023 9. **Date Analysis started**: 21/02/2023

**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 0+120-0+252** | | | | | | | | | | |
| 724/S/22 | 21/02/23 | 0+125 B4 | CL | 150 | 1552 | 19.9 | 1634 | 20.7 | 95 | 96 |
| 725/S/22 | 21/02/23 | 0+145 B5 | LHS | 145 | 1601 | 19.5 | 1634 | 20.7 | 98 | 94 |
| 726/S/22 | 21/02/23 | 0+170 B6 | RHS | 150 | 1585 | 20.9 | 1634 | 20.7 | 97 | 101 |
| 727/S/22 | 21/02/23 | 0+200 B7 | CL | 150 | 1601 | 18.8 | 1634 | 20.7 | 98 | 91 |
| 728/S/22 | 21/02/23 | 0+200 B8 | LHS | 140 | 1618 | 18.6 | 1634 | 20.7 | 99 | 99 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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