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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.1701/35/L/10 Date: 15th February, 2023

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**1. Customer’s Details:** RESIDENT ENGINEER KeNHA.

**E-mail:** rd.nairobi@kenha.co.ke

**Address:** P.O. Box 200-00507 NRB **Phone:** 0724967038

**2. Customer Contact:** 0724967038 6. **Job Card No.** 1719/S/2023

**3. Sample Description:** Base Layer 7. **Date fee paid:** 10/02/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4127539

**5. Date Sample received:** 13/02/2023 9. **Date Analysis started**: 13/02/2023

**10. Additional information provided by the customer:** Routine Maintenance and Spot Improvement of Kiserian-Oletepesi (B19) Road.

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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 Km 4+100-4+360 LHS Shoulder | | | | | | | | | | |
| 676/S/22 | 13/02/23 | 4+159 | LHS | 150 | 1923 | 10.1 | 1887 | 12.5 | 102 | 81 |
| 677/S/22 | 13/02/23 | 4+226 | LHS | 150 | 1963 | 10.8 | 1887 | 12.5 | 104 | 86 |
| 678/S/22 | 13/02/23 | 4+293 | LHS | 150 | 1943 | 10.6 | 1887 | 12.5 | 103 | 85 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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