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# **REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.1527/35/L/10 Date: 23rd January, 2022

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** RESIDENT ENGINEER KeNHA  **E-mail:** [rd.nairobi@kenha.co.ke](mailto:rd.nairobi@kenha.co.ke) **Phone:** 0720362072  **Address:** P.O. Box 200-00507 NRB 6. **Job Card No**.1525/S/2023  **2. Customer Contact**: 0720362072 7. **Date fee paid**: 19/01/2023  **3. Sample Description:** Base 8. **GOK MR No**.4115863  4. **Sampled by**: Client 9. **Date Analysis started**:17/01/2023  5. **Date Sample received:**17/01/2023  10. **Additional information provided by the customer:** Routine Maintenance of Spot Improvement of Kiserian Oletepesi B19 Road.     |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Sample No.** | **Date tested** | **Chainage** | **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**  (%) | | BaseLayer @ 2+800-3+200 RHS SHOULDER | | | | | | | | | | | | 632/S/22 | 17/01/23 | 2+870 | RHS | 200 | 1622 | 12.3 | 1618 | 12.9 | 100 | 95 | | 633/S/22 | 17/01/23 | 2+950 | RHS | 200 | 1622 | 11.9 | 1618 | 12.9 | 103 | 92 | | 634/S/22 | 17/01/23 | 3+010 | RHS | 200 | 1646 | 12.0 | 1618 | 12.9 | 102 | 93 | | 635/S/22 | 17/01/23 | 3+140 | RHS | 200 | 1605 | 12.5 | 1618 | 12.9 | 99 | 97 | | 636/S/22 | 17/01/23 | 3+190 | RHS | 200 | 1608 | 12.1 | 1618 | 12.9 | 99 | 94 | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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