# 

# **REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

Telegraphic Address: “MINWORKS”, Nairobi Materials Testing & Research Division Telephone: Nairobi 0202554950 Machakos Road, Industrial Area Fax: 554877 P.O. Box 11873 – 00400 E-mail: chiefengineer@mtrd.go.ke NAIROBI

Ref No. M./35/L/10 Date: 1st July, 2023

|  |  |
| --- | --- |
| **Laboratory Test Report** |  |

1. **Customer’s Address**: AVENTURES LIMITED

**E-mail**:

1. **Address**: **Phone**:
2. **Customer Contact**: 6. **Job Card** **No**.
3. **Sample Description**: Improved Base Material 7. **Date fee paid**:
4. **Sample by**: Client. 8**. GOK MR No**.
5. **Date of Sample received**: 9**. Date Analysis started**:

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

|  |
| --- |
|  |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **S/NO** | **Description** | **Dosage**  **(%)** | **MDD T180**  **Kg/M3** | **OMC**  **(%)** | **ATTERBERG LIMIT**  **(%)** | | | **PARTICLE SIZE DISTRIBUTION,**  **%PASSING BS SIEVE SIZE (MM)** | | | | | | | |  | |  |  | | | **28** | **20** | **10** | **5** | **2** | **0.425** | **0.075** |  | |  |  | | |  | |  |  | Improved Base Layer | 1956 | 13.3 | NON-PLASTIC | | | | 100 | 100 | 98 | 93 | 75 | 62 | 32 |  | |  | |  | **LOAD**  **KNs** | **UCS**  **KN/M2** |  |  |  | |  |  |  |  |  |  |  |  | | 1 | KM 5+470  Core | 35.0 | 1928 |  |  |  | |  |  |  |  |  |  |  |  | | 2 | KM 5+693  Core | 34.9 | 1923 |  |  |  | |  |  |  |  |  |  |  |  | | 3 | KM 5+840  Core | 32.9 | 1813 |  |  |  | |  |  |  |  |  |  |  |  | |

**Eng. J.M. Mbarua**

**For. CHIEF ENGINEER (MATERIALS)**