

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.384/35/L/10 Date: 21st August, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** VISROM COMPANY LIMITED  **E-mail:** services@visrom.co.ke  **Address:** P.O BOX 5546-00100 NRB Phone: 0790124961  **2. Customer Contact:** 0790124961 6. Job Card No. 354/S/2023  **3. Sample Description:** Alignment Soils 7. Date fee paid: 11/08/2023  **4. Sampled by:** Client. 8. GOK MR No.4058613  **5. Date Sample received:** 11/08/2023 9. Date Analysis started:17/08/2023  **10. Additional information provided by the customer:** Rehabilitation of Stadium Road.     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T99** | | **CBR** | | | % Passing BS Sieve Size (mm) | | | | | | LL | PL | PI | LS | PM |  | OMC( % ) | 4days Soak  (%) | Swell(%) | | 20 | 10 | 5 | 2 | 0.425 | 0.075 | % | % | % | % |  | MDD Kg/m3 | | 189/S/23 | KM 0+700  LHS  0.73M972 | 100 | 99 | 96 | 91 | 81 | 76 | 33 | 21 | 12 | 6 | 972 | 1524 | 20.9 | 30 | 0.3 | | **SOIL COMPOSITION: Gravel = 9%, Sand = 15%, Silt/clay =76%** | | | | | | | | | | | | | | | | 190/S/23 | KM 1+012  RHS  0.82M | 100 | 93 | 87 | 81 | 67 | 54 | 45 | 25 | 20 | 10 | 1340 | 1502 | 15.5 | 17 | 1.0 | | **SOIL COMPOSITION: Gravel = 19%, Sand = 27%, Silt/clay =54%** | | | | | | | | | | | | | | | | 191/S/23 | KM 0+935 LHS  0.75 M | 100 | 92 | 85 | 73 | 47 | 32 | 38 | 25 | 13 | 6 | 611 | 1529 | 17.1 | 15 | 0.35 | | **SOIL COMPOSITION: Gravel = 27%, Sand = 41%, Silt/clay =32%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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