

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.961/35/L/10 Date: 22nd November, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** VEKSONS LIMITED.  **E-mail: veksons@nbi.ispkenya.com**  **Address:** P.O BOX 873-00606 NRB Phone: 0786569039  **2. Customer Contact:** 0786569039 6. Job Card No. 1177/S/2023  **3. Sample Description:** Gravel 7. Date fee paid: 08/11/2023  **4. Sampled by:** Client. 8. GOK MR No.4388530  **5. Date Sample received:** 08/11/2023 9. Date Analysis started:14/11/2023  **10. Additional information provided by the customer:** Proposed Road Construction at Capital Center.  **Source:** Katani Athi River.     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **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 | | 764/S/23 | Gravel | 100 | 75 | 60 | 51 | 24 | 19 | 38 | 23 | 15 | 7 | 360 | 1525 | 24.5 | 26 | 0.3 | | **SOIL COMPOSITION: Gravel = 49%, Sand = 32%, Silt/clay =19%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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