

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.648/35/L/10 Date: 2nd October, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** PINNIE AGENCY LTD.  **E-mail:** Not provided  **Address:** Not provided Phone: 0700609888  **2. Customer Contact:** 0700609888 6. Job Card No. 706/S/2023  **3. Sample Description:** Gravel 7. Date fee paid: 19/09/2023  **4. Sampled by:** Client. 8. GOK MR No.4058925  **5. Date Sample received:** 18/09/2023 9. Date Analysis started:22/09/2023  **10. Additional information provided by the customer:** Rehabilitation of inner-core Estate Road.  **Source:** Ruai borrow pit   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Dosage** % | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **CBR** | | | % Passing BS Sieve Size (mm) | | | | | | LL | PL | PI | LS | PM | MDD | OMC | 4days Soak  (%) | Swell | | 20 | 10 | 5 | 2 | 0.425 | 0.075 | % | % | % | % |  | Kg/m3 | ( % ) | (%) | | 341/S/23 | Gravel | Neat | 100 | 94 | 84 | 72 | 54 | 38 | NON- PLASTIC | | | | | 1350 | 12.0 | 20 | 0.1 | | **SOIL COMPOSITION: Gravel = 28%, Sand = 34%, Silt/clay =38%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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