

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.1548/35/L/10 Date: 27th January, 2023

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| **Laboratory Test Report** |

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| 1. **Customer’s Details:** GRAGAB AGENCIES CO. LIMITED   **E-mail:** estherwa63@gmail.com  **Address:** P.O BOX 200-00507 NRB Phone: 0721515815  **2. Customer Contact:** 0721515815 6. Job Card No.1506/S/2023  **3. Sample Description:** Gravel 7. Date fee paid:17/01/2023  **4. Sampled by:** CLIENT. 8. GOK MR No. 4115862  **5. Date Sample received:** 17/01/2023 9. Date Analysis started: 18/01/2023  **10. Additional information provided by the customer:** Performance Based Maintenance of Outering /Kangundo Road-kamulu B63 Road.  **Source:** Ganana Bp   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **TEST RESULTS** | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** |  | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **CBR** | | |  | **% Passing BS Sieve Size (mm)** | | | | | | **LL** | **PL** | **PI** | **LS** | **PM** | **MDD** | **OMC** | **4days Soak**  **(%)** | **Swell** | | **Dosage** | **20** | **10** | **5** | **2** | **0.425** | **0.075** | **%** | **%** | **%** | **%** |  | **Kg/m3** | **( % )** | **(%)** | | 622/S/22 | Gravel | Neat | 100 | 90 | 70 | 63 | 49 | 38 | 56 | 35 | 21 | 11 | 1029 | 1342 | 24.2 | 15 | 1.3 | | **SOIL COMPOSITION: Gravel =37%, Sand =25%, Silt/clay =38%** | | | | | | | | | | | | | | | |  | | |

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**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**