

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.798/35/L/10 Date: 24th October, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** TAMANI COMPANY LIMITED.  **E-mail:** info@tamani construction .com  **Address:** P.O BOX 78316-00507 NRB Phone: 0726726660  **2. Customer Contact:** 0726726660 6. Job Card No. 965/S/2023  **3. Sample Description:** Gravel Material 7. Date fee paid: 13/10/2023  **4. Sampled by:** Client. 8. GOK MR No.4367834  **5. Date Sample received:** 13/10/2023 9. Date Analysis started:15/10/2023  **10. Additional information provided by the customer:** Foundation Rockfill.  **Source:** Kathome Farm   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | ( % ) | (%) | | 454/S/23 | Gravel | Neat | 100 | 87 | 71 | 59 | 39 | 16 | 36 | 29 | 8 | 4 | 304 | 1718 | 18.5 | 30 | 0.3 | | **SOIL COMPOSITION: Gravel = 41%, Sand = 43%, Silt/clay =16%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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