

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

Telegraphic Address: “MINWORKS”, Nairobi Materials Testing & Research Division Telephone: Nairobi 0202554950 Machakos Road, Industrial Area Fax: 554877 P.O. Box 11873 – 00400 E-mail: [chiefengineer@mtrd.go.ke](mailto:chiefengineer@mtrd.go.ke) **NAIROBI**

Ref No. M.2646/35/L/10 Date: 29th June, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** REGIONAL DIRECTOR KeRRA KIAMBU..  **E-mail: Not provided**  **Address:** P.O BOX 700-00900 NRB **Phone:** 0720224852  **2. Customer Contact:**0720224852 6. **Job Card No.** 2805/S/2023  **3. Sample Description:** Quarry waste 7. **Date fee paid:** 21/06/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4053711  **5. Date Sample received:** 21/06/2023 9. **Date analysis started**: 21/06/2023  **10. Additional information provided by the customer: Spot improvement of AIPCEA Matangi Rurii Road & Ndururumo Primary -Ndarasha.( juja constituency)**  **Source: Site.**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Dosage**% | **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 | | 1093/S/22 | Quarry waste | Neat | 100 | 87 | 71 | 51 | 35 | 31 | 40 | 27 | 13 | 6 | 455 | 1427 | 19.0 | 25 | 0.3 | | **SOIL COMPOSITION: Gravel = 49%, Sand = 20%, Silt/clay =31%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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