

**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.1885/35/L/10 Date: 10th March, 2023

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| **Laboratory Test Report** |

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| 1. **Customer’s Details:** AURORA CONTRACTORS LIMITED.   **E-mail:** ngangakinyanjui@gmail.com  **Address:** 78-00206 KISERIAN Phone: 0725441606  **2. Customer Contact:** 0725441606 6. Job Card No.1894/S/2023  **3. Sample Description:** Soft rock 7. Date fee paid: 01/03/2023  **4. Sampled by:** CLIENT. 8. GOK MR No. 4127687  **5. Date Sample received:** 01/03/2023 9. Date Analysis started: 03/03/2023  **10. Additional information provided by the customer:** OLEPOLOS/OLOLUA DISPENSARY ROAD.  **Source:** Gataka Quary Rongai.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **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** | | **20** | **10** | **5** | **2** | **0.425** | **0.075** | **%** | **%** | **%** | **%** |  | **Kg/m3** | **( % )** | **(%)** | | 758/S/22 | Soft rock | 100 | 83 | 75 | 48 | 35 | 25 | NON-PLASTIC | | | | | 1357 | 11.3 | 15 | <0.1 | | **SOIL COMPOSITION: Gravel =52%, Sand =23%, Silt/clay =25%** | | | | | | | | | | | | | | | |

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**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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