

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.845/35/L/10 Date: 30th October, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** LIMUTE CONTRACTORS LTD.  **E-mail:** Not provided  **Address:** P.O BOX 44046-00800 NRB Phone: 0795949539  **2. Customer Contact:** 0795949539 6. Job Card No. 989/S/2023  **3. Sample Description:** Blended Soft rock & Gravel 7. Date fee paid: 13/10/2023  **4. Sampled by:** Client. 8. GOK MR No.4367855  **5. Date Sample received:** 13/09/2023 9. Date Analysis started:16/10/2023  **10. Additional information provided by the customer:** Construction to cabro standard of kuja lane.  **Source:** At Km 0+000-0+197 1st Sampling   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | ( % ) | (%) | | 615/S/23 | Blended soft rock & Gravel | Neat | 100 | 91 | 72 | 55 | 30 | 21 | 42 | 26 | 16 | 8 | 480 | 1530 | 18.5 | 25 | 0.3 | | **SOIL COMPOSITION: Gravel = 45%, Sand = 34%, Silt/clay =21%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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