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# **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.292/35/L/10 Date: 8thAugust, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** CENTRE STAR COMPANY LIMITED  **E-mail:** Not provided  **Address:** Not provided Phone: 0795513352  **2. Customer Contact:** 0795513352 6. Job Card No. 132/S/2023  **3. Sample Description:** Improved Base Material 7. Date fee paid: 17/07/2023  **4. Sampled by:** Client. 8. GOK MR No.4053909  **5. Date Sample received:** 17/07/2023 9. Date Analysis started:17/07/2023  **10. Additional information provided by the customer:** Bute township Roads. (Moulded by the Client).  Source: Bute Township     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Dosage**% | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **CBR** | | | % Passing BS Sieve Size (mm) | | | | | | LL | PL | PI | LS | PM | MDD Kg/m3 | OMC( % ) | 7days Soak  (%) | Swell(%) | | 20 | 10 | 5 | 2 | 0.425 | 0.075 | % | % | % | % |  |  |  | | **Improved Material,7 Days Cure and 7 Days Soak** | | | | | | | | | | | | | | | | | |  | | 076/S/23 | **2+320-2+420** |  |  |  |  |  |  |  | 30 | 22 | 8 | 4 |  |  |  | 170 | <0.1 | | 077/S/23 | **1+980-2+160** |  |  |  |  |  |  |  | 28 | 20 | 8 | 4 |  |  |  | 180 | <0.1 | | 078/S/23 | **2+160-2+320** |  |  |  |  |  |  |  | 39 | 29 | 10 | 5 |  |  |  | 160 | <0.1 | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory**

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