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| **附件1：** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **土工试验检测报告** | | | | | | | | | | | | | | | | | | |
| 报告编号：20230710 | | 工程名称： | 平乐县平乐镇第一中学南侧滑坡地质灾害防治工程勘查 | | | | | | | | | | | | | | | |
| 样品数量：6个 | | 试验日期： | 2023年7月10日 | | | | | | | | | | | | | | | |
| 实验室编号 | 孔号 | 取样深度 | 天然含水率 | 天然密度 | 比 重 | 孔 隙 比 | 饱 和 度 | 液塑限联合测定法 | | 塑性指数 | 液性指数 | 压缩 系数 | 压缩 模量 | 天然剪切试验 | | 饱和剪切试验 | | 土的名称按GB50021-2001(2009年版)定名 |
|  |
| 液限 | 塑限 | IP | IL | αv1-2 (Mpa-1) | Es1-2 (MPa) | 粘聚力C (kPa) | 内摩擦角 φ(度) | 粘聚力 C (kPa) | 内摩擦角 φ(度) |  |
| (m) | ω（%） | ρ0 （g/cm3) | Gs | ｅ | Sr(%) | ωL (%) | ωP(%) |  |
| T1 | ZK2 | 3.60-3.80 | 29.1 | 1.85 | 2.68 | 0.765 | 92.1 | 43.2 | 26.9 | 16.3 | 0.14 | 0.25 | 7.09 | 20.9 | 21.3 | 20.2 | 19.9 | 粉质粘土 |  |
| T2 | ZK6 | 2.30-2.50 | 27.9 | 1.86 | 2.68 | 0.731 | 93.5 | 43.1 | 26.5 | 16.6 | 0.09 | 0.23 | 7.62 | 21.0 | 20.8 | 20.3 | 20.0 | 粉质粘土 |  |
| T3 | ZK8 | 0.70-0.90 | 30.7 | 1.88 | 2.68 | 0.771 | 97.3 | 44.1 | 27.4 | 16.7 | 0.20 | 0.31 | 6.02 | 21.1 | 21.4 | 20.6 | 19.7 | 粉质粘土 |  |
| T4 | ZK9 | 3.40-3.60 | 31.9 | 1.89 | 2.68 | 0.809 | 97.6 | 44.6 | 25.5 | 15.8 | 0.24 | 0.27 | 6.77 | 21.0 | 21.3 | 20.5 | 20.1 | 粉质粘土 |  |
| T5 | ZK11 | 2.30-2.50 | 28.2 | 1.84 | 2.68 | 0.752 | 92.5 | 42.6 | 26.5 | 16.1 | 0.11 | 0.25 | 7.09 | 21.2 | 21.2 | 20.3 | 19.8 | 粉质粘土 |  |
| T6 | ZK13 | 2.30-2.50 | 30.9 | 1.83 | 2.68 | 0.767 | 92.8 | 43.6 | 26.8 | 16.8 | 0.24 | 0.23 | 7.62 | 20.9 | 21.1 | 20.5 | 19.9 | 粉质粘土 |  |
|  | | | | | | | | | | | | | | | | | | |  |