

Muck Disposal Plan

Name of Proposal : Construction of road from Peerah To Kameti.

1.0) The Project involves construction of road having a length of 2.00 km

2.0) Generated Muck Volume

Construction Of Road requires removal of vegetation and trees firstly. Then earthwork cutting is to be executed. The volume of muck to be generated is detailed in table 1. About 75% of muck generated is to be reused in road construction for filling, constt. of retaining/gabion walls. The total quantity of generated muck, reusable quantity and quantity to be disposed are provided in Table 2

KM		muck volume(to be generated) (cum)
KM ist	and km 2nd	28850.75
Total		28850.75

Table 1. Muck volume(to be generated)

Muck vol.(Cum)	Re-used Volume(cum)	Disposal Volume(cum)
28850.75	20000	8850.75

Table 2. Volume of muck to be disposed

3.0) Proposed muck disposal sites

3 muck disposal sites measuring a total area of ha have been selected as designated site for muck disposal in Table 3

dumping 1	300 sqm
dumping 2	300
dumping 3	300
Total	900 sqm or 0.09 ha

Table 3.

The muck disposal sites are located in forest area as no other alternative non-forest area is available in the project area

The muck holding capacity of all muck disposal sites are detailed in table 4

Village	Forest Compartment	Area (Ha)	Length (m)	Width (m)	Gabion all height (m)	Capacity (Cum)
			15	20	10	3000
			15	20	10	3000
			15	20	10	3000
Total						9000 cum

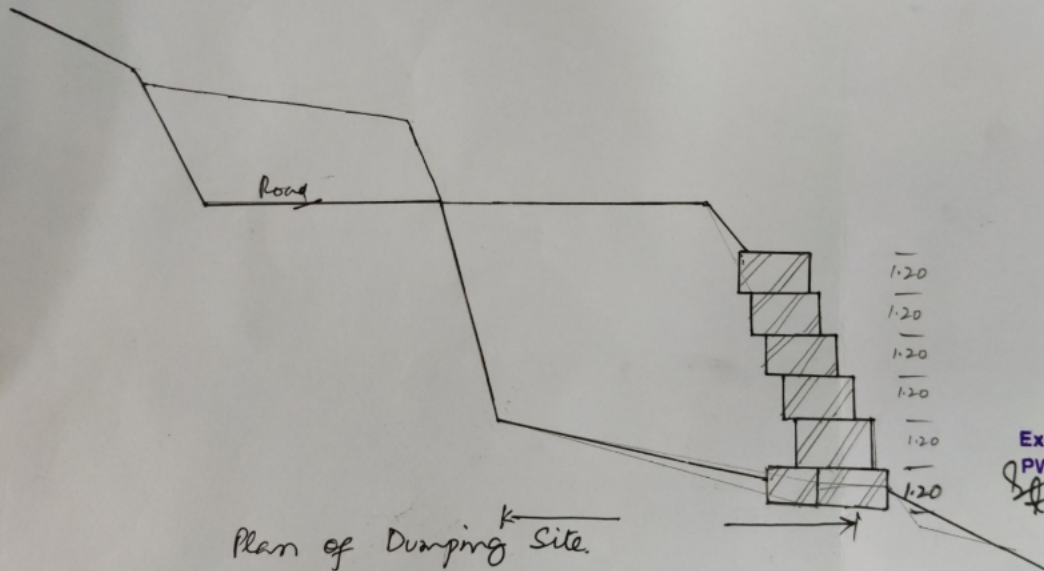
Table 4

It can be inferred from the volume that capacity of disposal sites exceeds the generated muck volume. Therefore, the proposed muck disposal sites with suggested gabion wall height will suffice the requirement of dumping of excavated muck.

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Plan of Dumping Site.
 Name of Road: Construction of road from
 Peerah to Kameli.

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