

SUMMARY OF MUCK DISPOSAL PLAN

परियोजना का नाम:- घूघूखान सौड मोटर मार्ग एवं देवीपुरा सौड मोटर मार्ग के मध्य भिसिंग लिंक का निर्माण। लम्बाई 0.660 किमी०

S.No.	Item of Work	Quantity	Unit	Remarks
A.	Quantities of MUCK/Debris generated due to excavation of Hill Side Cutting	4252.465	Cum	As per detail attached
B.	Quantity of Muck/Debris to be used during construction of road			
1	For Filling in the back of R/Wall	1467.38	Cum	As per detail attached
2	For Retaining Walls	1950.00	Cum	As per detail attached
3	For Making of super elevation	156.00	Cum	As per detail attached
4	For laying of GSB (Granular sub base/soling)	588.06	Cum	As per detail attached
5	For Patri Filling	118.80	Cum	As per detail attached
	Total B	4280.24	Cum	

S.N	Quantities of MUCK/Debris generated due to excavation of Hill Side Cutting	Quantity of Muck/Debris to be used during construction of road	Balance Qty (A-B)
1	4252.465	4280.24	-27.77 Say Nil

The whole quantity of Muck / Debris generated due to hill side cutting during construction of road will be consumed in the construction of road because the alignment of road is along the 4 meter wide existing pathway . Hence no additional muck disposal yard will be required for disposal of debries.

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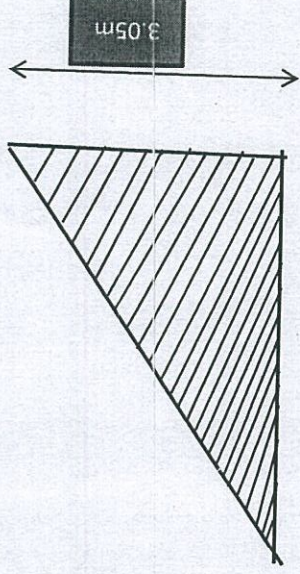
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प्रशासक वनाधिकारी
नैनीताल वन प्रभाग
नैनीताल.

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डम्पिंग यार्ड का प्रस्ताव

A- Calculation of quantities of MUCK/Debris generated due to excavation of Hill Side Cutting

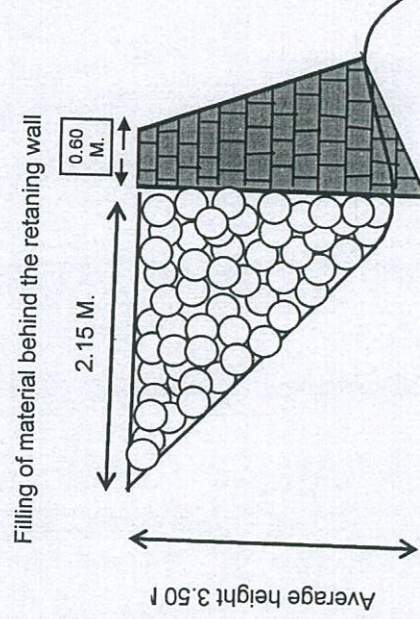
Sl No.	Item of work	Nos.	Length (in m)	Average Width (in m)	Average Height (in m)	Quantity
1	2	3	4	5	6	7
1-	Excavation in hill side cutting (Average height of cutting consideras 3.05 m)					
	Km. 1 (0.000-0.660)	1 x 1/2	660.00	3.25	3.05	3271.13
	Total					3271.13
	Add swell facor 30% of hill side cutting					981.34
	G.Total					4252.47



3.25 M.

Typical cross section of Hill side cutting

B	Quantity of Muck/Debris to be used as given below:-					
1	Filling of material back of Retaining wall in Km. 1 & 2 approximately 600 M. length/Km and height varied from 3 to 4 m (Average 3.5 mtr) along the length of the road. The quantity of the excavated material retain behind it is as below. (Shown in Diagram below)					
	Km. 1 (0.000-0.660)	1 x 1/2	390.00	2.15	3.50	1467.38
	Total					1467.38

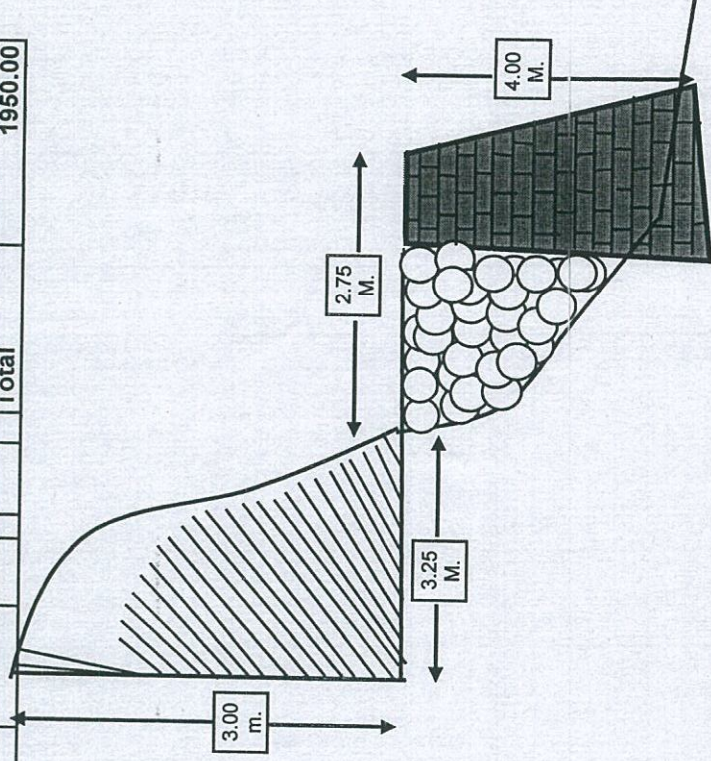


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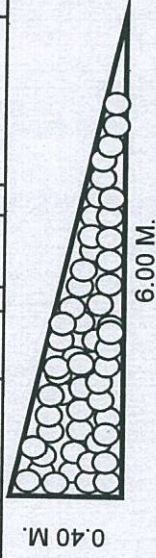
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10/11/2011

(II)	Constuction of Retaning wall in approximately 600 M. Length/Km and height varied from 3 to 5 m (Average 4 m) along the length of the road. The quantity of excavated materials consumed in construction of retaning walls is as below. (Shown in Diagram below)					
	Km. 1 (0.000-0.660)	1 x 1	390.00	0.60	+ 1.90 /2	4.00
						Total
						1950.00



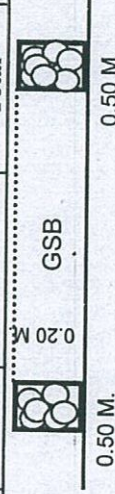
(III)	Making of super elevation average 200 m/Km. the material consumed is as below:- (Shown in Diagram below)					
	Km. 1 (0.000-0.660)	1 x 1/2	130.00	6.00		0.40
						Total
						156.00



(IV)	Consumption of excavated material used in laying of GSB/Soling. (Shown in Diagram below)					
	Km. 1 (0.000-0.660)	1 x 1	660.00	4.05		0.20
						Total
	Add 10% extra for curves					53.46
						Total
						588.06



(V)	Consumption of excavated material used in patri filling along the road as given below:- (Shown in Diagram below)					
	Km. 1 (0.000-0.660)	1 x 1	660.00	0.90		0.20
						Total
						118.80



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 in Agriculture

मक डिस्पोजल प्लान

Muck Disposal Plan