

MUCK MANAGEMENT PLAN

	Total Quantity of muck being produced	92791.25
1	Deduction for useful stone as required under clauses of agreement to be executed by the Executive Engineer of Proeject Implementing unit Division in behalf of Govt. of H.P. for using in project.(Credit for useful stones to be obtained from cutting i.e. 1/3rd quantity of hard blasting = $24311.62/3 = 8103.87$ Cubic Metre)	7508.17
	Net balance quantity of debries / Muck	85283.08
2	Add quantity available on site with swell factor @ 40% on P.W. & J.W. ($24751.14+43728.49 = 68479.63 \times 40\% = 27391.85$ Cubic Metre)	27391.85
	Add quantity available on site with swell factor @ 25% on Blast work = $24311.62-8103.87=16207.75 \times 25\% = 4051.94$ Cubic metre	4051.94
	GRAND TOTAL (A)	116726.87
3	Less of material required for the construction of duming in dry masonry wall @ 5% of (A)	5836.34
4	Less of material / muck required for the levelling of proposed road @ 15% of (A)	17509.03
5	Less of material / muck required for the levelling of proposed road on the analogy of half cutting and half filling @ 40% of (A)	46690.75
	GRAND TOTAL (B)	70036.12
6	Material / muck left in the site which required carriage for the proper dumping at the recognised site as per the iustraction of Forest and Environment Ministry reinforced by various judgement of the Apex Court Govt. of India i.e. (A-B)	46690.75
	Design proposed for dumping DS-I, DS-III (Attached)	DS-I and DS-III
	Proposed dumping place design DS-I, to DS-3	3 No.
	Total capacity of dumping places :	46784.50
		Cum.
	Area in Ha for dumping site	0.54 Hect.


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 Koti Sub Division
 HPPWD Koti


 Executive Engineer
 Tissa Division
 H.P.P.W.D. Tissa

DETAIL OF MEASUREMENT

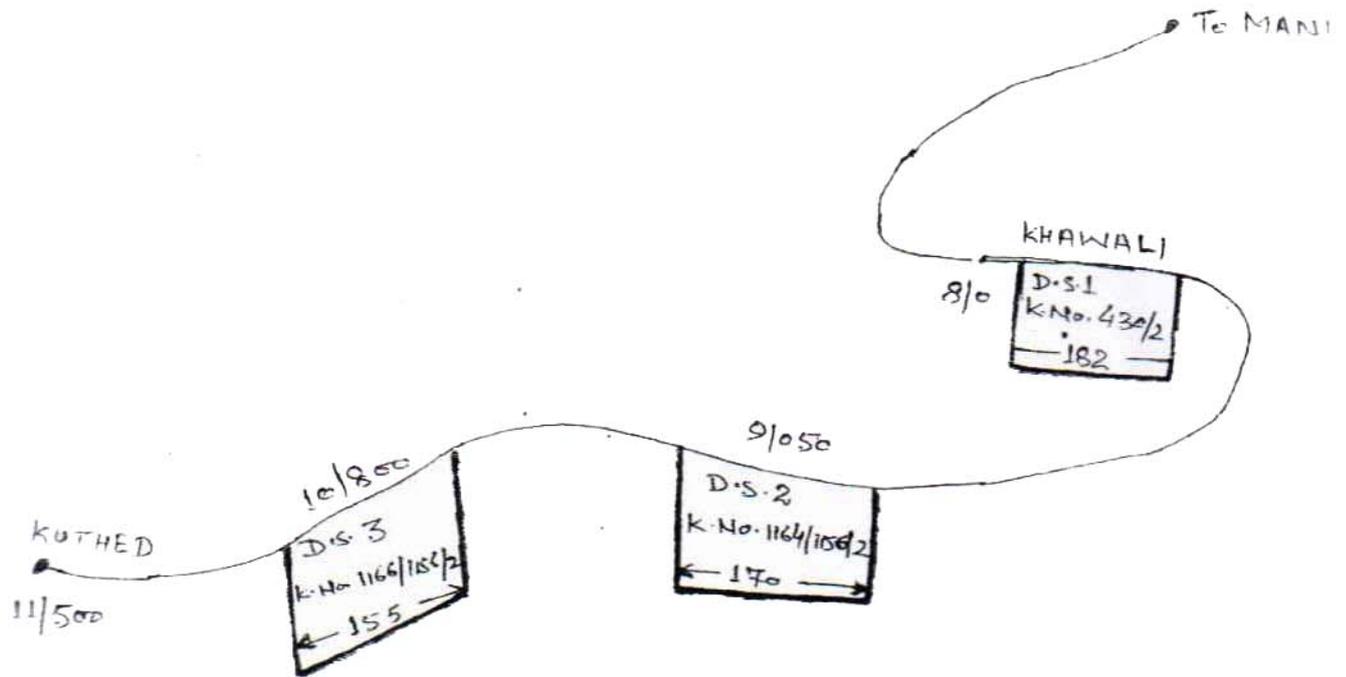
S.No	Item	Dumpin g site	LxBxH	Quantity
1	Earthwork in excavation for structures as per drawing and technical specifications clauses 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable materials Ordinary soil Upto 3 m depth	DS-I	110x1.25x0.50	75.00
		DS-II	125x1.25x0.45	61.88
		DS-III	110x1.25x0.55	92.81
			Total	229.69
2	Providing and laying of boulder apro laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301	DS-I	3x110x1.25x1.25	562.50
		DS-II	3x125x1.25x1.25	515.63
		DS-III	3x110x1.25x1.25	632.81
			Total	1710.94


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SITE PLAN SHOWING DISPOSAL OF MUCK ON SAME ROAD AT
DIFFERENT REACHES

NAME OF WORK: → C/o Link Road from Triya To Kuthed Road
k.m 8/0 to 11/500



Dumping site	RD/Km.	Khasra No.	Forest area under dumping	X-section area	Length	Quantity
DS-I	0/0	430/2	125x 18.70=2244.00 Sqm. or 0.224 hect	75.10	182.00	13668.20
DS-II	1/050	1164/1156/2	110x16.75=1842.50 Sqm or 0.184 hect	108.64	170.00	18468.80
DS-III	2.800	1166/1156/2	135x9.45=1275.75 Sqm. or 0.128 hect	94.50	155.00	14647.50
Total						46784.50


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