

STATEMENT SHOWING DUMPING PLACES, QNTANTITY OF MUCK/BEBRIS TO BE DUMPED WITH OTHER DETAILS SIUL-IV 4.00 MW SMALL HYDRO ELECTRIC PROJECT DISTRICT ,CHAMBA (H.P.)

Sr. No.	Name of component from where muck debris is to be produced	Total Qty of muck/debris is to be produced	Factor of increase in volume after excavation	Qty of muck/debris to be dumped on basis of increase	Qty of muck/debris to be utilised	Estimated Qty of muck/ debris to be dumped	Name of Dumping place	KH.No. Dumping place	Area of dumping Place with length & breadth	Area of Forest land	Height of muck /debris dump expected vol. Area	Capacity of muck/ debris is to be dumped	Remarks
		(Cum)	(Hard strata)	(Cum)	(Cum)	(Cum)				(Hect.)	Mtrs.	Cum	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	River Diversion and Trench weir	5505	45%	2477	2395	5588	Muck Dumping-5	93/3	27.01x15	0.0405	14	5672.10	Out of total muck generated about 30% shall be used in retaining wall and path filling. Rest of the Muck after swell shall dumped in DS-A.
2	Feeder channel,Desilting Tank	5590	45%	2516	2432	5674	Muck Dumping-4	96/3	74.83x5.68	0.0425	13.5	5737.9644	Out of total muck generated about 30% shall be used in retaining wall and path filling. Rest of the Muck after swell shall dumped in DS-B
3	Head Race Tunnel	7195	45%	3238	3130	7303	Muck Dumping-3	522/2	35.65x14.2	0.0506	15	7593.45	Out of total muck generated about 35% shall be used in retaining wall and protection tank. Rest of the Muck after swell shall dumped in DS-C
4	Underground Forebay Tank, Anchor Block, Saddle Support	2858	45%	1286	1243	2901	Muck Dumping-2	545/416/3	36.70x9.94	0.0364	10	3647.98	Out of total muck generated about 35% shall be used inProtection of surge shaft foundation. Rest of the Muck after swell shall dumped in DS-D
5	PowerHouse cum switchyard	2833	45%	1275	1232	2875	Muck Dumping-1	521/4	27.20x9.85	0.0267	12	3215.0	Out of tpial muck generated about 35% shall be used in surface development and protection with retaining walls and in surface pitching of saddles and shall be used in dumping protection. Rest of the Muck after swell shall dumped in DS-E
				10791	10432	24340							
				Total Quantity Produced		24340	Cum		Capacity of Dumping Place			25867	

Total Volume of the Muck/debris to be disposed off 34772
Total Volume of the Muck/debris proposed to be utilized 10432
Actual Quantity of muck/debris to be dumped 24340

Capacity of Dumping Site 25866.5344
Excess capacity of Dumping Areas 1526

1670/2


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