

## Muck Management Plan

**Widening & Strengthening to Double Lane Of Poanta-Rajban-Shilai-Minus-Hatkoti Road, Portion Snail to Hatkoti From RD 149/00 to 161/715 NH-707 (Old NH-72B), District Shimla H.P.**

Sr.	Description	Quantity	
1	Total Quantity of Muck being produced	198554.88	Cum (A)
	Deduction for useful stone as required under the clause of agreement to be executed by the Contractor and Executive Engineer of Project. @ 10%	19855.49	
2	Net Balance Quantity of Debris/ Muck (1-2)	178699.39	
3	Quantity available on site with swell factor @ 20% of (A)	39710.98	Cum (B)
	<b>Total Muck with Swell factor</b>	<b>218410.37</b>	<b>Cum (C)</b>
	<b>Material / Muck to be used in Project:-</b>		
(i)	Deduction of material required for the construction of dry masonry wall/ Edge wall @ 20% of (C)	43682.07	
(ii)	Less for material/ Muck required for construction of the proposed site for the construction of R / wall B/ wall in filling work etc. @25% of (C)	54602.59	
(iii)	Less for material/ Muck used in filling behind R/ Wall, B/ Wall and filling in plinth work @ 10% (C)	21841.04	
	<b>Total :- (i)+(ii)+(iii)</b>	<b>120125.70</b>	<b>Cum (D)</b>
	<b>Net material/ Muck to dumped in dumping site (C-D) in Cum</b>	<b>98284.67</b>	<b>Cum (D)</b>
	<b>Total Muck to be dumped in project site = 98284.67 Cum</b>		

Divisional Forest Officer  
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Executive Engineer,  
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