

Muck Disposal Plan								
Calculation of Debris, released from hill side cutting								
Name of work - Muck Disposal Plan for extension of dunda dhanari sem mukhem motor road in paturi to Semnagraja Temple.								
1	DETAILS OF MEASURMENT PART-I(HILL SIDE CUTTING)							
Sl. No	Chainage	Nos			length	B	H	Quantity in cum E&B/Hilly soil
a	0/0 to 0/40	0.50	x	40	25	5.95	4.00	11900.00
b	0/40 to 1/40	0.50	x	40	25	5.95	6.00	17850.00
c	1/40 to 2/40	0.50	x	40	25	5.95	3.00	8925.00
d	2/40 to 3/40	0.50	x	40	25	5.95	4.00	11900.00
e	3/40 to 4/40	0.50	x	40	25	5.95	4.20	12495.00
f	4/40 to 5/40	0.50	x	40	25	5.95	3.60	10710.00
g	5/40 to 6/40	0.50	x	40	25	5.95	3.00	8925.00
h	6/40 to 7/40	0.50	x	40	25	5.95	4.50	13387.50
i	7/40 to 8/40	0.50	x	40	25	5.95	6.00	17850.00
j	8/40 to 9/40	0.50	x	40	25	5.95	4.00	11900.00
							Total (A)	125842.50
							Say	125842.50
							Add 25 % swell factor (B)	31460.63
							Total (A+B)	157303.13
2	पहाड़ कटान से निकलने वाले मलवे में से रिटेनिंग वाल, ब्रेस्टवाल, पैरापिट, स्कपर, जी01, जी02, जी03, कुलीवाल, ऐजिंग आदि कार्यों में प्रयुक्त पत्थर आदि हेतु 25 प्रतिशत लेने पर।							25168.50
3	सुपर एलिवेशन में प्रयुक्त मिटी 10 प्रतिशत लेने पर							12584.25
4	Material disposed by cartage in dumping yard.							119550.38
5	Location and Capacity of Dumping Yard							
X section of dumping yard	Size of Dumping Yard					Type of Land	Capacity of dumping Yard (Cum)	
0/0-0/5	1*1/2*80.00*50.00*15.00					Civil forest	30000.00	
3/12-3/16	1*1/2*90.00*50.00*12.00					Civil forest	27000.00	
6/8-6/12	1*1/2*95.00*50.00*14.00					Civil forest	33250.00	
8/36-8/40	1*1/2*95.00*50.00*18.00					ReserveForest	42750.00	
						Total	133000.00	

J.E

A.E

E.E

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दुण्डा वन राजि

प्रभागीय वनाधिकारी
उत्तरकाशी वन प्रभाग
उत्तरकाशी

Muck Disposal Plan

Name of work - Muck Disposal Plan for extension of dunda dhanari sem mukhem motor road in paturi to Semna Temple.

Muck Disposal Plan Prepared as following

- 1 Calculation of muck to generated including swell factor.

Total muck generated during construction of road

157303.13 Cum

- 2 Quantity of muck to be utilized in the project activities,

As per sheet attached.

37752.75 Cum

- 3 Balance quantity of muck which required for disposal/mangement plan.


119550.38 Cum

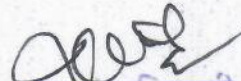
- 4 Carriage of muck generated site to dumping site. Muck will be carry by the contractor as their own cost bond condition.

- 5 Ownership of land and consent of land owner, Muck will dump on Civil/Forest land as
Development of dumping site, construction of retaining/Breast walls and other structure - Cost of pro
6 work i.e retaining wall, wire crates etc. against muck dumping point in Naap/Civil/Forest land will be constructed by user agency P.D.P.W.D Uttarkasshi.

- 7 Rehabilitation of dumping site like Levelling planting of grass shurb and tree species - Rehabilitation of
dumping site like levelling, planting of grass , shrub and tree species by construction agency P.D P.W.D Uttarkashi.



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Summary of Debris Disposal

S.NO.	Total Debris (Cum)	Material Disposal by catage (cum)	Re used material for road construction (cum)	Total Debris disposal in dumping zone (cum)	Capacity of dumping yard (cum)
1	157303.13	119550.38	37752.75	119550.38	133000.00

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