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# MUCK MANAGEMENT PLAN m.m.p.

65

22

S.N.	Description	Qty
1	Total Quantity of Muck being produced	22500.00 m <sup>3</sup>
2	Deduction for useful Stone as required under the clause of agreement to be executed by the Contractor & District Engineer of Project	2200.00
3	Net Balance Quantity of Dalores / Muck (1-2)	20550.00 (A)
4	Quantity available on site with swell factor @ 40% 1.40 A	28770.00 (B)
5	Material / Muck to be used in Project	
(i)	Deduction of material required for the construction of dumping place in dry masonry wall / Edge wall @ 5% of 'B'	1438.50
(ii)	Less for material / Muck required for levelling of the proposed road for the construction @ 15% of 'B'	4315.50
(iii)	Less for material / Muck required for the construction of the proposed road on the analogy of half cutting half filling @ 40% of 'B'	11508.00
	Total (i) + (ii) + (iii)	17262
	Net material Muck to be dumped in dumping site (B-C) in cum	11508.00 cum

Assistant Engineer  
H.P.R.W.D., Sub-Division  
Jutogh, Shimla-11

Executive Engineer,  
Shimla Rural Division,  
HPPWD, Dhamsi



me of Work

# Construction of Sarach to Dafawag Bathyas Karchh Bank road

## Detail of Measurement

66

23

4/200

No	Description	No	L	B	H	Qty
I	Earth work in excavation for structure as per drawing & technical specification	1	52	1.25	0.60	39.00 "
2	Branding & laying of boulder apron laid in wire crates with 6 mm dia G.I. wire	5	1.25	1.25	1.25	9.76
		1	42	2	9.76	= 409.92
						<u>sum</u>

For

Assistant Engineer  
H.P.R.W.D., Sub-Division  
Jutogh, Shimla-11

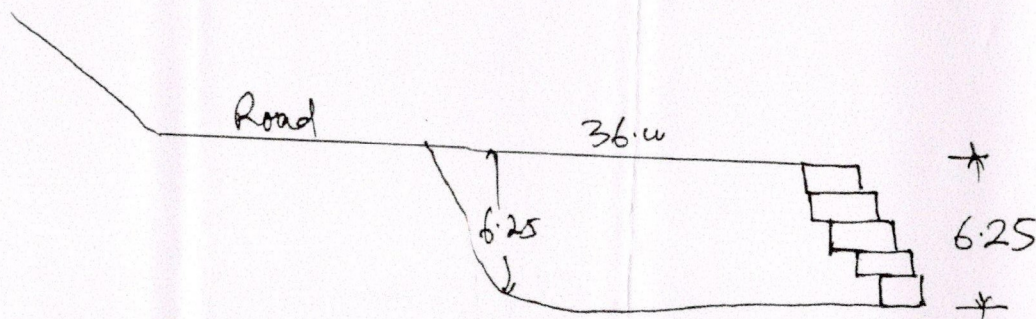
Executive Engineer,  
Shimla Rural Division  
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TYPICAL X-SECTION OF DUMPING SITE

87 24

$$52 \times 36 \times 6.25 = \underline{11700 \text{ m}^3}$$



*[Signature]*  
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Unit of Work:

# Construction of Jarech to Dafawag Bathyar Kasech Road km 0 to 4/200

68

25

S. No

## Description of Item

Unit	Qty	Through Rate		Labour Rate	
		Rate	Amount	Rate	Amount

1 Earthwork in excavation for foundation of structure upto 3.0 m depth as per drawing & technical specification clause 1104 & setting out. Const. of shoring & bracing removal of stumps & other deleterious material dressing of sides & bottom & backfilling with approved dumping

m <sup>3</sup>	39.0	128.15	4998.0	128.15	4998.0
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2. Rounding & laying of boulder apron road in wire crates with 4 mm dia G-I wire conforming to IS 281 & IS 4826 in 100 mm x 100 mm mesh if 10 per cent extra for laps & joints laid with stone boulders weighing not less than 25 kg each as per drawing & technical specification clause 1301

m	409.92	145.84	59782.7	674	281551.0
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Add 50% Labour Enhancement on Rs 281551

140776=

G. Total Rs 738603

Say Rs 738600/- only

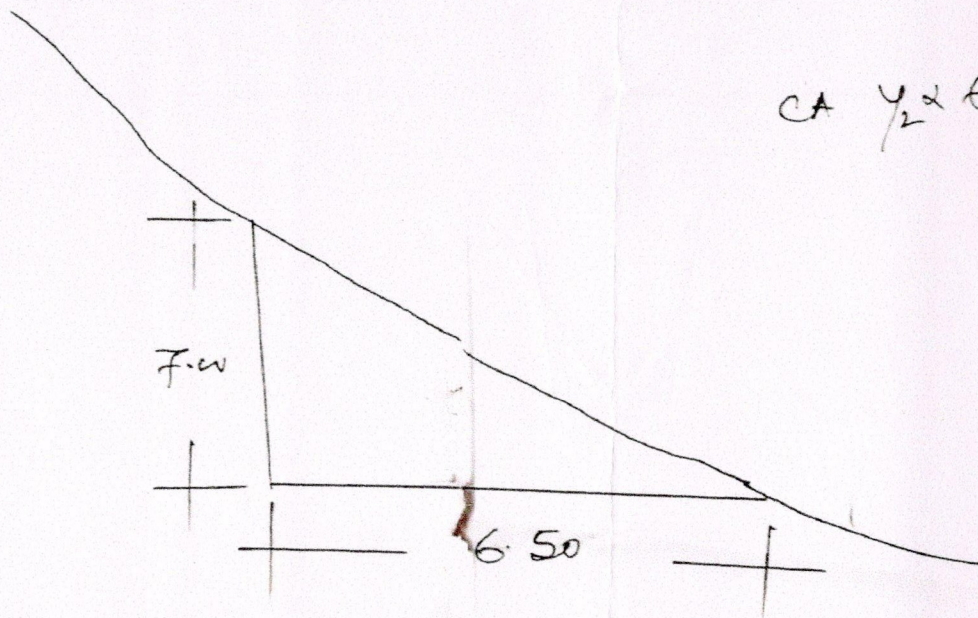
Executive Engineer,  
Shimla Rural Division  
H.P.W.D. Chand

Jasno

Assistant Engineer  
H.P.W.D., Sub-Division  
Jutogh, Shimla-11



# TYPICAL X-SECTION



CA  $\frac{1}{2} \times 6.50 \times 7.00$

SW	6800	m <sup>3</sup>
FW	6800	m <sup>3</sup>
SB	9100	m <sup>3</sup>
	<u>22700</u>	m <sup>3</sup>

dm

For...

Division

Executive Engineer,  
Shimla Rural Division,  
HPPWD, Dhamsi