

ABSTRACT OF MUCK GENERATED AND ITS DISPOSAL

Project Component	Qty. of Muck/Debris generated(CUM)		Estimated qty of Muck/Debris proposed to be utilized (Cum)		Balance Qty of Muck/Debris		Qty of Muck due to Swell factor (Cum)		Name of Dumping Site	Area of Dumping Site	Capacity of Dumping site(Cum)
	Rock	Soil	Rock	Soil	Rock	Soil	Rock	Soil(25%)			
Nowpachi Deherana upto Hanzal	61731.51	115970.00	61731.00	0.00	0.00	115970.00	0.00	144962.00	Muck Dumping Site =D1	0.113575	9060.12
									D2	0.113575	9060.12
									D3	0.113575	9060.12
									D4	0.113575	9060.12
									D5	0.113575	9060.12
									D6	0.113575	9060.12
									D7	0.113575	9060.12
									D8	0.113575	9060.12
									D9	0.113575	9060.12
									D10	0.113575	9060.12
									D11	0.113575	9060.12
									D12	0.113575	9060.12
									D13	0.113575	9060.12
									D14	0.113575	9060.12
									D15	0.113575	9060.12
									D16	0.113575	9060.12

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MODEL PLAN RELATED TO ENGINEERING MEASURES, FOR STABILIZATION OF MUCK DUMPING
SITES IN FOREST AREA FOR CONSTRUCTION OF NOWAPACHI TO HANZAL ROAD

**Typical Estimate for construction of create wall to protect dumping sites of surpluses
Mack/Excavated material in Forest area as per engineering measures**

1. Earth work in excavation for foundation of structures comparative as per Drawing
And Technical specification in 70% os. 20% OR 10% HR

Length/Crate wall=32.00

=32 x 2.40 x 0.70 = 53.76 m^3 @ 363.00 / m^3 = 19514.00

2. For Three layered created wal

Qty = 2 x 2 x 32 x 1.20 x 1.20 = 184.32

1 x 1 x 32 x 1.20 x 1.20 = 46.08

Total = 230.40 m^3 @ 2700 / M^3 = 622080.00

Total = 641594.00

Cost for one No. dumping site = 641594

Total Amount for 16 No S.Sites = 641594 x 16 = 10265504.00

Say. 103.00 lacs

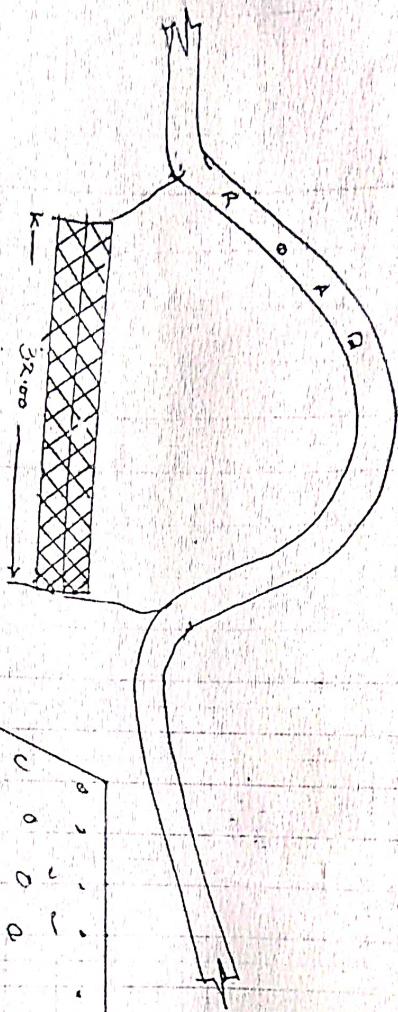



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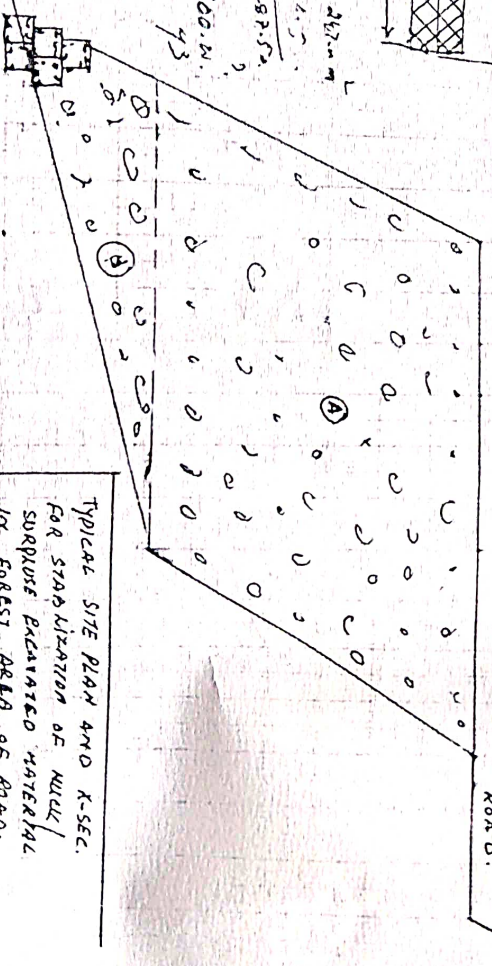
Name of Dumping site	Area in Hector	Capacity in Cum	Volume Mack to be dumped
Dumping Site D1	0.113575	9200.00	9060.12
D2	0.113575	9200.00	9060.12
D3	0.113575	9200.00	9060.12
D4	0.113575	9200.00	9060.12
D5	0.113575	9200.00	9060.12
D6	0.113575	9200.00	9060.12
D7	0.113575	9200.00	9060.12
D8	0.113575	9200.00	9060.12
D9	0.113575	9200.00	9060.12
D10	0.113575	9200.00	9060.12
D11	0.113575	9200.00	9060.12
D12	0.113575	9200.00	9060.12
D13	0.113575	9200.00	9060.12
D14	0.113575	9200.00	9060.12
D15	0.113575	9200.00	9060.12
D16	0.113575	9200.00	9060.12

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$$\begin{aligned}
 \text{Area} &= (A) \times \frac{20718.4}{13.02} = 267.52 \\
 (B) &= \frac{1}{2} \times 18.00 \times 1.50 = 13.50 \\
 267.52 &+ 13.50 = 281.02 \\
 281.02 \times 32.00 &= 9000.64
 \end{aligned}$$



TYPICAL SITE PLAN AND K-SEC.
FOR STABILIZATION OF HULL
SURROUND EXCAVATED MATERIAL
IN FOREST AREA OF ROAD.
NAMELY CONSTRUCTION OF ROAD
FROM MONPATCHI DETERNO
UP TO HANZAL (HAWAH-)

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