

(101)

MUCK DISPOSAL PLAN

NAME OF PROJECT:-Construction of Khajoorakhal-Hislani-Nigilani-Timalpani-Gognani-Damdad Motor Road								6.00	KM	
Length :- 6.0000										
S NO	Item of Work		No.		Road Length in KM	Length per KM	Width	Height	Quantity	Unit
MUCK THAT EXPECTED TO GENERAT FROM										
i)	From hill side cutting .Taking average .Width of road (6.85+5.95)/2 =6.40 m Assuming 3 m hight and width 6.40/2 i.e. 3.20 m	1.00	1/2		6.00	1000	3.20	3.00	28800.00	CUM
ii)	From Construction of scupper. (Dimensions as per standard drawing .8 Nos scuppers per Km)	1.00	8.00		6.00		3.00	2.50	360.00	CUM
									29160.00	
	Add swelling Factor 40 %								11664.00	
					TOTAL MUCK RECEIVED				40824.00	CUM
									A	
MUCK THAT PROPOSED TO CONSUME IN										
1	Earth and boulder filling in super - elevation. Total nos of curves in 1km =12Nos	1.00	12.00		6.00	50.00	7.00	0.350	8820.000	CUM
2	Construction of coolie walling	1.00	1.00		6.00	150.00	0.60	0.550	297.000	CUM
3	Construction of B/W	1.00	1.00		6.00	200.00	0.75	1.800	1620.000	CUM
4	Construction of R/Wall	1.00	1.00		6.00	250.00	1.10	2.5	4125.000	CUM
5	Construction of wire create at places.	1.00	80.00		6.00	3.00	1.50	1.50	3240.000	CUM
6	Hand Packed stone filling	1.00	1/2		6.00	1.80	1.00	1.50	8.100	CUM
7	Making of Edge stone	1.00	250.00		6.00	0.70	0.20	0.10	21.000	CUM
8	Construction of parapet	1.00	100.00		6.00	2.00	0.60	0.45	324.000	CUM
9	Construction of Pucca K.c drain	1.00	1.00		6.00	1.70	0.60	0.10	0.612	CUM
10	Construction of Scupper	1.00	4.00	2	6.00	7.25	1.00	2.00	696.00	CUM
11	Construction of Causeway	1.00	3.00		6.00	9.00	7.00	0.50	567.000	CUM
12	Soaling coat/boulder filling in Soft/slushy Reaches.	1.00	1.00		6.00	350.00	6.00	0.50	6300.000	CUM
13	GSB layer, G1, G2 & G3	1.00	1.00		6.00	1000.00	6.00	0.30	10800.000	CUM
					TOTAL MUCK COSUMED				36818.712	CUM
									B	
BALANCE MUCK SHALL BE DISPOSED AT DUMPING YARDS i.e (A-B) CUM.								4005.3	CUM	
Sl No	Qty of Muck Genrated (CUM)	Muck used in construction work (CUM)			Muck disposed on Dumpng yards as per attched. (CUM)			Balance Muck (CUM)		
1	2	3			4			5		
1	40824.00	36818.712			4005.3			NIL		

DETAILS OF MUCK DUMPING YARDS

Sl No	Name of Owner	Locati on	Type of Land	Size of Dumping Yard				GPS POINT	Capacity of Dumping
1	वचन सिंह पुत्र देव सिंह सिंह	Km 1	Nap Land	1	21	8.50	3	535.5	4042.5
2	देव सिंह, सुरेश सिंह	Km 2	Nap Land	1	25	9.00	3	675	
3	अमर सिंह पुत्र प्रताप सिंह	Km 3	Nap Land	1	30.00	8.00	3	720	
4	चन्दन सिंह पुत्र वचन सिंह	Km 4	Nap Land	1	18.00	12.00	3	648	
5	प्रात गिरी पुत्र हीरा गिरी	Km 5	Nap Land	1	23.00	8.00	3	552	
6	इमरतुल्लाह पुत्र उमर मेद राय	Km 6	Nap Land	1	32.00	9.50	3	912	
				Total		4042.5	4042.5		

J.E.
C.D. PWD
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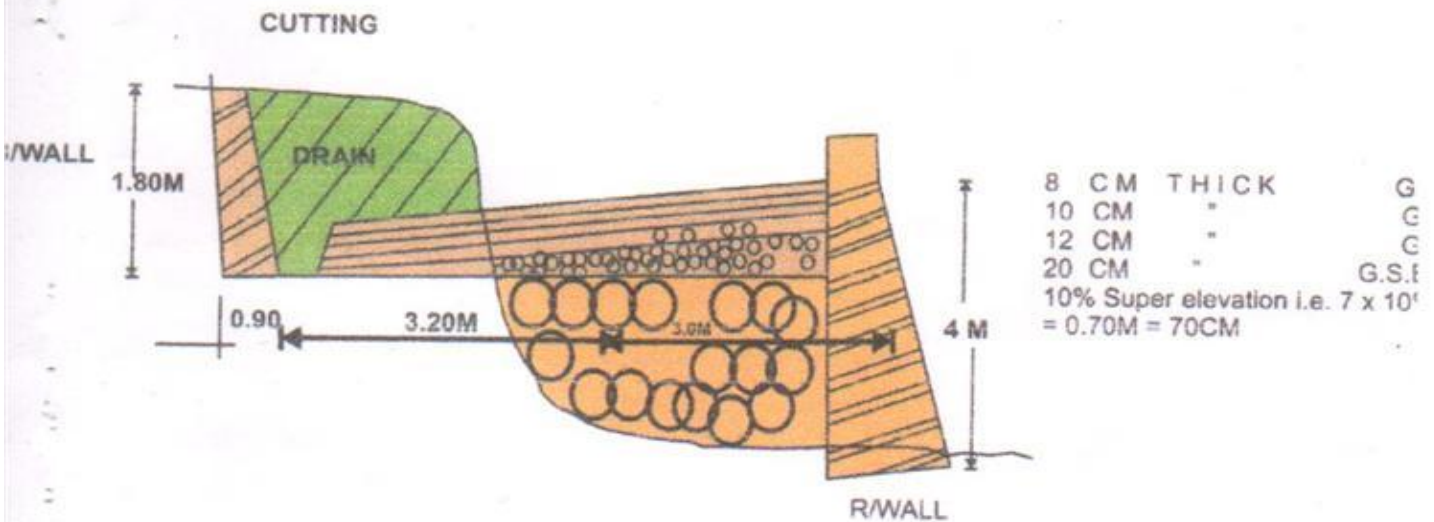
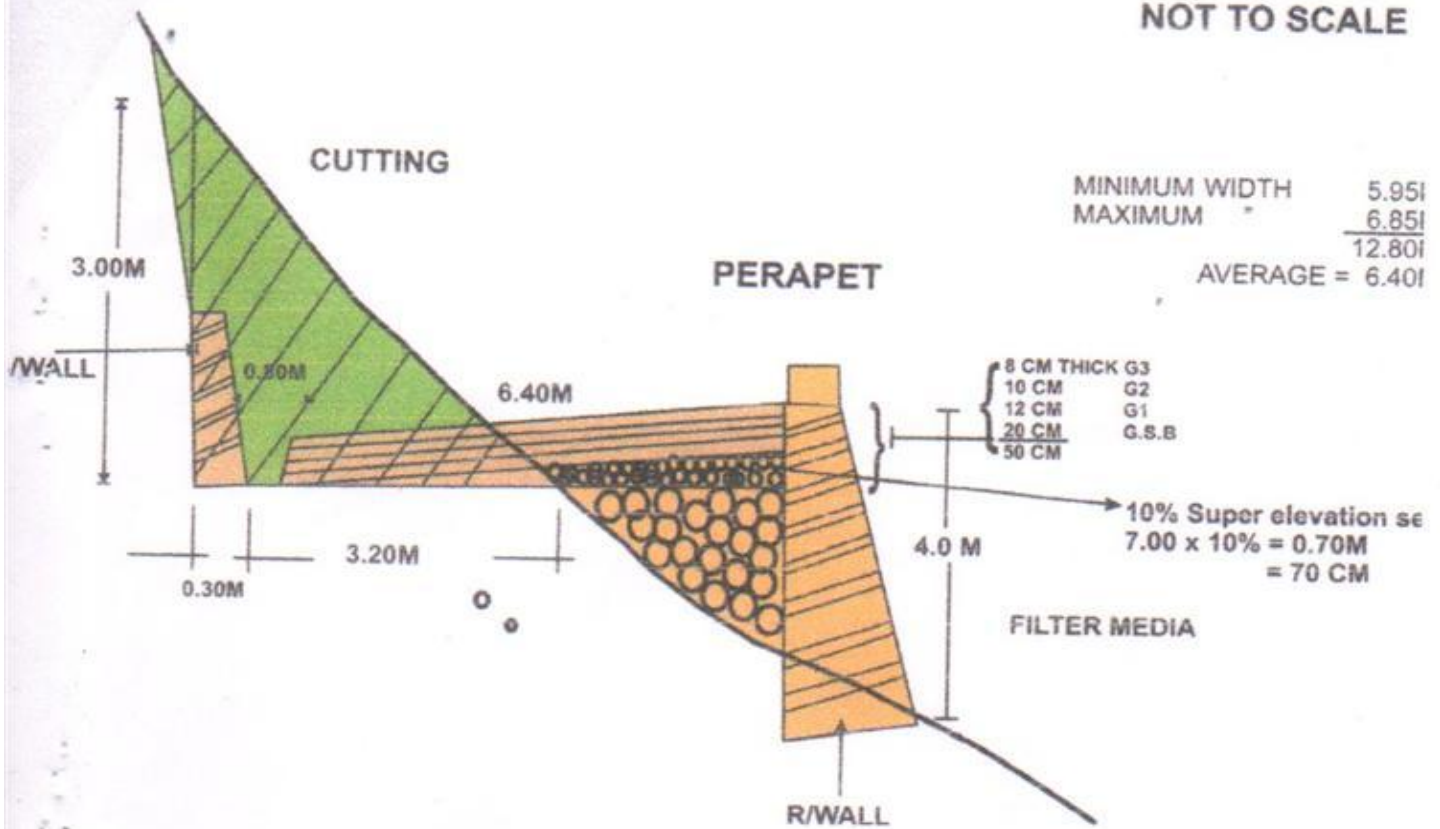
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GAIRSAIN
निर्माण विभाग
गैरसाइन (बनौली)

उप वन संरक्षक
मुख्य संरक्षण वन प्रभाग
शनीखेत

TYPICAL X-SEC OF ROAD

NOT TO SCALE



LEGENDS

MUCK - GENERATION



MUCK - USE



Handwritten signature

Handwritten signature
 Assistant Engineer
 Civil Engineering
 District Engineering Office

Handwritten signature
 अधिवक्ता अभियंता
 जिला अभियंता कार्यालय

TYPICAL X SEC OF MUCK DISPOSAL YARD

NOT TO SCALE

HILL SIDE

WIRE.CRCTE.MASONRY

VELLY SIDE

EXISTING GROUND LEVEL

MIN

DUMPING YARDS 

Project
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7/31
(J.E)

Asst. Engr. ...
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FF