
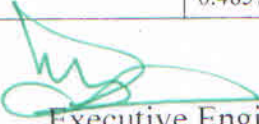


MUCK MANAGEMENT PLAN

Name of work :-C/O Channi bridge Elakamata to Jalsu Jot M/able road
K.M. 0/0 to 17/0

	Total quantity of muck being produced	163775.00 m ³
1	Deduction for useful stone as required under clauses of agreement to be executed by the Executive Engineer of Project Implement unit Division in behalf of Govt.of H.P. for using in project (credit for useful stones to obtained from cutting ie 1/3 rd quantity of hard blasting = 28865*1/3 =9621.67	9621.67m ³
	Net balance quantity of debris /muck	154153.33 m ³
2	Add quantity available on site with swell factor @40 % on soil, ordinary rock. (67455.00+67455.00 =134910.00*40 % =53964.00 m ³)	53964.00 m ³
	Add quantity available on site with swell factor @25 % on blasting work (28865.00-9621.67 =19243.33*25% =4810.83 m ³	4810.83 m ³
	GRAND TOTAL(A)	212928.16 M³
3	Less of material required for the construction of dumping in dry masonry wall in wire crate @5% of (A)	10646.41
4	Less of material /muck required for leveling of proposed road surface @ 25 of (A)	53232.04 m ³
5	Less of material /muck required for the leveling of proposed road on the analogy of half cutting and half filling @ 50 % of (A)	106464.08 m ³
	GRAND TOTAL(B)	170342.53m³
6	Material /muck left out in the site which required carriage for the proper dumping at the recognized site as per the instruction of Forest and Environment Ministry reinforced by various s judgement of the Apex court Govt.of India ie (A-B)	42585.63
	Design proposed for dumping DS-I to DS-III (Attached)	DS-I to DS-III
	Proposed dumping place design DS-I to DS-III	3 nos
	Total capacity of dumping places	42734.16 m³
	Area in Ha for Dumping site	0.4857 Ha



Assistant Engineer
Holi Sub Division
HP,PWD Holi



Executive Engineer
Bharmour Division
HP,PWD Bharmour

PROFORMA -V

STATEMENT SHOWING THE DETAILS OF PLACES FOR DISPOSAL OF MUCK /DEBRIS OF ROAD TO BE COCSTRUCTED IN CHAMBA DISTT. OF H.P. STATE.


Sr no	Name of dumping place	Location of dumping place ie village Khasra no	Slope of dumping place	Length breath and area of dumping place (sqm)	Qty of muck debris to be dumped M3	Height of dumping expected in mtr	Remarks
1	2	3	4	5	6	7	8
1	DS-I	3/2	1:10	56.80*28.40 =1613.12	254.37*56=14244.72	10.00	Shown as per plan of muck dumping site
2	DS-II	48/2	1:10	56.80*28.40 =1613.12	254.37*56=14244.72	10.00	Shown as per plan of muck dumping site
3	DS-III	48/3	1:10	56.80*28.40 =1613.12	254.37*56=14244.72	10.00	Shown as per plan of muck dumping site
			Total	4839.39 m2	42734.16 m3		


Assistant Engineer
Holi Sub Division
HP,PWD Holi


Executive Engineer
Bharmour Division
HP,PWD Bharmour

Countersigned by :-



Range forest Officer
Trenta Forest Range



Divisional Forest Officer
Bharmour Forest Division
Bharmour (H.P.)

MUCK DUMPING DETAIL OF :-C/O Channi bridge Elakamata to Jalsu Jot M/able
Road K.M. /0 to 17/0

Name of component	Location of dumping	Slope of dumping place in degree	Qty. of muck generated (Cum)	Qty of muck with swell factor (Cum)	Qty of muck to be used (Cum)	Qty of muck disposed (Cum)	Height of dumping expected in mtr
Road	Dumping site I to III	10-15*	163775.00	212928.16	170342.53	42585.63	10.00 mtr Av


Sr no	Description	Khasra no	Area in sqm	Height	Capacity of muck to be dumped (Cum)
1	2	3	4	5	6
1	Dumoiing Place D S I	3/2	1613.12	10.00	14244.72
	Dumoiing Place D S II	48/2	1613.12	10.00	14244.72
	Dumoiing Place D S III	48/3	1613.12	10.00	14244.72
		G.Total	4839.12 m2		42734.16 m3


Assistant Engineer
Holi Sub Division
HP,PWD Holi


Executive Engineer
Bharmour Division
HP,PWD Bharmour

Countersigned by :-


Range Forest Officer
Bharmour


Divisional Forest Officer
Bharmour Forest Division
Bharmour (H.P.)


STATEMENT SHOWING THE DETAIL OF PROJECT FOR THE CONSTRUCTION OF CHANNI BRIDGE TO JALSU JOT M/ABLE ROAD K.M. 0/0 TO 17/0


Sr No	R.D. From	R.D. To	Distance in metre			Width of Right way	Area of the Road (sqm)		
			Forest land	Private land	Total		Forest land	Private land	Total In Ha
1	2	3	4	5	6	7	8	9	10
1	0/0	17/0	17000.00	--	17000.00	5/7 mtr	88498.0m2	--	8.8498 Ha
								Total	8.8498 Ha

DUMPING SITE FOR DISPOSAL OF MUCK

1	1/500								0.1619
2	10/0								0.1619
3	15/100								0.1619
								Total	0.4857 Ha
								G.Total	9.3355 Ha


Name of Village & forest near by	Muck debris to be produced total	Muck debris to be used locally	muck debris to be dumped	Remarks
Surehi	212928.16	170342.53 m3	42585.63 m3	Detail attached


Assistant Engineer
Holi Sub Division
HP,PWD Holi


Executive Engineer
Bharmour Division
HP,PWD Bharmour

Countersigned by :-



Range Forest Officer
Trikuta Forest Range


Divisional Forest Officer
Bharmour Forest Division
Bharmour (H.P.)

PROFORMA -III

Statement showing "Dumping Places Quantity of Muck debris to be dumped" with other detail of Construction of Channi Bridge Elakamata To Jalsu Jot K.M. 0/0 to 17/0 in Tehsil bharmour distt. Chamba H.P.

Sr no	Name of components from where the muck debris is to be produced	Total qty. of muck Debris to be produced	Qty of muck debris to be utilized locally	Qty of muck Debris to be dumped	Factor of increase in volume for Dumping	Name of Dumping place	Slope of Dumping place	Location of dumping place village police station & nearby Road	Distance of dumping place from nearby River with name of River (K.M)	Area of dumping place (sqm)	Area of Forest land (in Ha)	Height of muck Debris dumping expected VCL AREA	Remarks
I	Road	163775.00	170342.53	42585.63	40%	Dumping site I to III	10-15*	Dhar Jalsu Road	Ravi,10.00K.M Av	4839.12 m2	0.4857 Ha	1:10


Assistant Engineer
Holi Sub Division
HP, PWD Holi


Executive Engineer
Bharmour Division
HP, PWD Bharmour

Countersigned by :-



Range Forest Officer
Trenta Forest Range

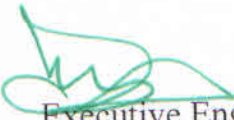

Divisional Forest Officer
Bharmour Forest Division
Bharmour (H.P.)

DETAIL OF FOREST LAND UNDER DUMPING

Name of work :-C/O Channi bridge Elakamata to Jalsu Jot M/able road
K.M. 0/0 to 17/0

Sr no	Location of Dumping	R.D	Khasra No	Status of land
1	Dumping site -I	1/500	3/2	Jungle Mehbuja Mehduda
2	Dumping site -II	10/0	48/2	Gahar Sarkar
3	Dumping site -III	15/100	48/3	Gahar Sarkar


Assistant Engineer
Holi Sub Division
HP,PWD Holi


Executive Engineer
Bharmour Division
HP,PWD Bharmour