

Name of Work: Construction of Bhararisain to Parwadi link Motor road (Stage-I)
Motor Road under NPCC Limited

Length: 9.300 KM

Name of Block: Galrsaln (Chamoli)

Muck Dumping Area

S. No.	Location of wire-Crate			Type of Land	No.	Size of catchment of wire-crate		Area (sqm)	Area (Hect)
	X- section's	Latitude	Longitude			Length (m)	Wirdth (m)		
1	Chainage 0.250 km	30° 4'42.14"N	79°15'48.97"E	Van Panchayat Land	1	31.00	29.00	899.00	0.090
2	Chainage 0.780 km	30° 4'53.69"N	79°15'39.12"E	Van Panchayat Land	1	30.00	31.50	945.00	0.095
3	Chainage 1.100 km	30° 5'4.67"N	79°15'37.94"E	Van Panchayat Land	1	30.00	29.00	870.00	0.087
4	Chainage 2.200 km	30° 5'7.70"N	79°15'41.26"E	Van Panchayat Land	1	31.00	27.00	837.00	0.084
5	Chainage 3.140 km	30° 5'15.51"N	79°15'36.93"E	Van Panchayat Land	1	30.00	29.00	870.00	0.087
6	Chainage 4.110 km	30° 5'12.74"N	79°15'52.36"E	Van Panchayat Land	1	31.00	32.00	992.00	0.099
7	Chainage 4.950 km	30° 5'18.02"N	79°15'45.68"E	Nap Land	1	30.00	31.00	930.00	0.093
8	Chainage 5.440 km	30° 5'16.68"N	79°16'2.87"E	Civil Land	1	31.00	30.00	930.00	0.093
9	Chainage 6.600 km	30° 5'31.34"N	79°15'32.55"E	Van Panchayat Land	1	32.00	29.00	928.00	0.093
10	Chainage 7.890 km	30° 5'34.54"N	79°15'44.70"E	Nap Land	1	31.00	32.00	992.00	0.099
11	Chainage 8.890 km	30° 5'40.43"N	79°15'46.72"E	Nap Land	1	30.00	31.00	930.00	0.093
Total						337.00	330.50	10123.00	1.012


Executive Engineer

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Name of Block: Gairsain (Chamoli)

TOTAL CARRYING CAPACITY OF DUMPING YARD

Length: 9.300 KM

S. No.	Location of wire-Crate			Type of Land	No.	Size of catchment of wire-crate			Quantity	
	X- section's	Latitude	Longitude			Length (m)	Width (m)	Height (m)	(cum)	Unit
1	Chainage 0.250 km	30° 4'42.14"N	79°15'48.97"E	Van Panchayat Land	2/3	31.00	29.00	4.10	3685.90	Cum
2	Chainage 0.780 km	30° 4'53.69"N	79°15'39.12"E	Van Panchayat Land	2/3	31.00	29.00	4.00	3596.00	Cum
3	Chainage 1.100 km	30° 5'4.67"N	79°15'37.94"E	Van Panchayat Land	2/3	30.00	31.50	4.00	3780.00	Cum
4	Chainage 2.200 km	30° 5'7.70"N	79°15'41.26"E	Van Panchayat Land	2/3	30.00	29.00	4.08	3549.60	Cum
5	Chainage 3.140 km	30° 5'15.51"N	79°15'36.93"E	Van Panchayat Land	2/3	31.00	27.00	4.20	3431.70	Cum
6	Chainage 4.110 km	30° 5'12.74"N	79°15'52.36"E	Van Panchayat Land	2/3	30.00	29.00	4.10	3515.40	Cum
7	Chainage 4.950 km	30° 5'18.02"N	79°15'45.68"E	Nap Land	2/3	30.00	31.00	4.10	3567.00	Cum
8	Chainage 5.440 km	30° 5'16.68"N	79°16'2.87"E	Civil Land	2/3	30.00	31.00	3.90	3480.00	Cum
9	Chainage 6.600 km	30° 5'31.34"N	79°15'32.55"E	Van Panchayat Land	2/3	31.00	30.00	4.10	4067.20	Cum
10	Chainage 7.890 km	30° 5'34.54"N	79°15'44.70"E	Nap Land	2/3	32.00	29.00	4.00	3712.00	Cum
11	Chainage 8.890 km	30° 5'40.43"N	79°15'46.72"E	Nap Land	2/3	32.00	29.00	4.10	3804.80	Cum
Total						674.00	661.00		81921.29	Cum

Carrying Capacity of Dumping Yard = 81921.29 Cum

Total Quantity of material to be disposed to the dumping yard = 81917.39 Cum

Hence Safe.

3.90 Cum



Executive Engineer
PMGSY Works

Name of Work: Construction of Bhararisain to Parwadi link Motor road (Stage-I)

Motor Road under NPCC Limited

Name of Block: Gairsain (Chamoli)

Muck Received From Hill Side Cutting

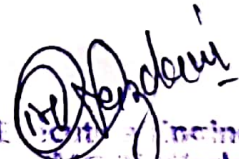
S.No.	Description of work	Quantity	Unit
1	Material received form hill side cutting =1/2*6.4*9.300*3.5(avg. Height)	104160.00	Cum
	Add 25% for Swell Factor for soil.	26040	Cum
	Total	130200.00	Cum
	Disposal and use of Material		
2	R.R Stone Masonary Laid in 1:5	5648	Cum
3	R.R Stone Masonary Laid in Dry	7856	Cum
4	Hand packed stone Filling	1458.95	Cum
5	Bolder apron	684.25	Cum
6	construction of Parapet	25.22	Cum
7	Construction of Scupper	1185.54	Cum
8	material to be used along road side	31424.65	Cum
	Total used	48282.61	Cum

quantity Muck to be disposed at dumping places (i.e
Material received - material used)

81917.39 cum

TOTAL

81917.39 Cum


M. Pandey
Civil Engineer
PMGSY Works
Jaisam Road

Name of Work: Construction of Bhararisain to Parwadi link Motor road (Stage-I)

Motor Road under NPCC Limited

Name of Block: Gairsain (Chamoli)

Length: 9.300 KM

Detail of measurements

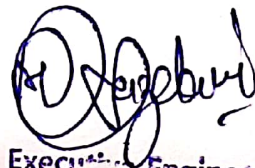
1	Excavation in foundation for retaining & breast wall in all types of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer in charge										
S. No.	Location of wire-Crate			No						Qty	unit
							L	B	D		
1	Chainage	0.250	km	1	x	1	31.00	1.50	0.50	23.25	cum
2	Chainage	0.780	km	1	x	1	30.00	1.50	0.50	22.50	cum
3	Chainage	1.100	km	1	x	1	30.00	1.50	0.50	22.50	cum
4	Chainage	2.200	km	1	x	1	31.00	1.50	0.50	23.25	cum
5	Chainage	3.140	km	1	x	1	30.00	1.50	0.50	22.50	cum
6	Chainage	4.110	km	1	x	1	31.00	1.50	0.50	23.25	cum
7	Chainage	4.950	km	1	x	1	30.00	1.50	0.50	22.50	cum
8	Chainage	5.440	km	1	x	1	31.00	1.50	0.50	23.25	cum
9	Chainage	6.600	km	1	x	1	32.00	1.50	0.50	24.00	cum
10	Chainage	7.890	km	1	x	1	31.00	1.50	0.50	23.25	cum
11	Chainage	8.890	km	1	x	1	30.00	1.50	0.50	22.50	cum
Total										252.75	
2	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 8 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not mess than 250 kg each (As per PWD Uttarakhand Specification)										
Sl. No.	Item of Work			No						Qty	unit
	X- Section's						L	B	D		
1	Chainage	0.250	km	1	x	1	31.00	1.50	1.50	69.75	cum
	2nd			1	x	1	31.00	1.50	1.50	69.75	cum
	3rd			1	x	1	31.00	1.50	1.50	69.75	cum
2	Chainage	0.780	km	1	x	1	30.00	1.50	1.50	67.50	cum
	2nd			1	x	1	30.00	1.50	1.50	67.50	cum
	3rd			1	x	1	30.00	1.50	1.50	67.50	cum
3	Chainage	1.100	km	1	x	1	30.00	1.50	1.50	67.50	cum
	2nd			1	x	1	30.00	1.50	1.50	67.50	cum
	3rd			1	x	1	30.00	1.50	1.50	67.50	cum
4	Chainage	2.200	km	1	x	1	31.00	1.50	1.50	69.75	cum
	2nd			1	x	1	31.00	1.50	1.50	69.75	cum
	3rd			1	x	1	31.00	1.50	1.50	69.75	cum
5	Chainage	3.140	km	1	x	1	30.00	1.50	1.50	67.50	cum
	2nd			1	x	1	30.00	1.50	1.50	67.50	cum
	3rd			1	x	1	30.00	1.50	1.50	67.50	cum
6	Chainage	4.110	km	1	x	1	31.00	1.50	1.50	69.75	cum
	2nd			1	x	1	31.00	1.50	1.50	69.75	cum
	3rd			1	x	1	31.00	1.50	1.50	69.75	cum
7	Chainage	4.950	km	1	x	1	30.00	1.50	1.50	67.50	cum
	2nd			1	x	1	30.00	1.50	1.50	67.50	cum
	3rd			1	x	1	30.00	1.50	1.50	67.50	cum
8	Chainage	5.440	km	1	x	1	31.00	1.50	1.50	69.75	cum
	2nd			1	x	1	31.00	1.50	1.50	69.75	cum
	3rd			1	x	1	31.00	1.50	1.50	69.75	cum
9	Chainage	6.600	km	1	x	1	32.00	1.50	1.50	72.00	cum
	2nd			1	x	1	32.00	1.50	1.50	72.00	cum
	3rd			1	x	1	32.00	1.50	1.50	72.00	cum
10	Chainage	7.890	km	1	x	1	31.00	1.50	1.50	69.75	cum
	2nd			1	x	1	31.00	1.50	1.50	69.75	cum
	3rd			1	x	1	31.00	1.50	1.50	69.75	cum
11	Chainage	8.890	km	1	x	1	30.00	1.50	1.50	67.50	cum
	2nd			1	x	1	30.00	1.50	1.50	67.50	cum
	3rd			1	x	1	30.00	1.50	1.50	67.50	cum
Total										2274.75	cum

(Signature)
 P. M. S. R. V. S. R.

Name of Work: Construction of Bhararisain to Parwadi link Motor road (Stage-I)					
Name of Block: Gairsain (Chamoli)				Length: 9.300 KM	
Bill of Quantities of Civil Soyam Land					
Sl. No.	item of Work	Unit	Qty	rate	Amount
1	Excavation in foundation for retaining & brest walls in all types of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer -in- charge	Cum	252.75	1859	469862.3
2	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 8 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each. (As per PWD Uttarakhand Specification)	Cum	2274.75	1905.09	4333603
				Total	4803466
				Say	48.03
					Lacs


 Civil Engineer
 PWD Works

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Name of Block: Gairsain (Chamoli)				Length: 9.300 KM	
DSR REPORT Year: 2015-16					
SUMMARY OF RATE					
Sl. No.	Chapter Name		Description of items	Unit	rate
1	Miss-2	1-2	Excavation in foundation for retaining & brest walls in all types of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer -in- charge	Cum	1859
2	Mord-58	14-1	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 8 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each. (As per PWD Uttarakhand Specification)	Cum	1905.09


 Executive Engineer
 PMGSY Works

Muck Disposal Plan

Name of Work: Construction of Bhararaisain to Parwadi link Motor road (Stage-I)
Name of Block: Galrsain (Chamoli)

Length: 9.300 KM

Summary of Results

1 The Quantity of material received from hill side cutting i/c soil factor = 130200.00 Cum
(Sheet attached on page no. Of Muck disposal estimate)

2 The quantity of material used in various items = 48282.61 Cum
(Sheet attached on page no. Of Muck disposal estimate)

3 The remaining quantity of muck for dumping = 81917.39 Cum
(Sheet attached on page no. Of Muck disposal estimate)

4 Total Numbers of dumping yards needed for the dumping of muck =
(i) In Civil Soyam Land = 7 Nos
(ii) In Nap Land = 3 Nos
(iii) In Van Panchayat Land = 1
Total = 11 Nos

(Sheet attached on page no. Of Muck disposal estimate)

5 Carrying capacity of dumping yards with proper dimensions & coordinates

(i) In Civil Soyam Land = 51417.6 Cum
(ii) In Nap Land = 22970.69 Cum
(iii) In Van Panchayat Land = 7532.63
Total = 81920.92 Cum

(Sheet attached on page no. Of Muck disposal estimate)

6 Land Ownership Reports

(Sheet attached on page no. Of Muck disposal estimate)

7 Total Amount for Construction of Dumping Yards

(i) In Civil Soyam Land = 4.42 Lacs
(ii) In Nap Land = 12.96 Lacs
(iii) In Van Panchayat Land = 30.65 Lacs
Total = 48.03 Lacs

(Sheet attached on page no. Of Muck disposal estimate)

8 Cost of treatment plan =

(i) In Civil Soyam Land = Lacs
(ii) In Nap Land = Lacs
Total = 0 Cum

(Sheet attached on page no. Of Muck disposal estimate)

9 Total Amount in

(i) In Civil Soyam Land = 4.42 Lacs
(ii) In Nap Land = 12.96 Lacs
(iii) In Van Panchayat Land = 30.65 Lacs
Total = 48.03 Lacs

(Sheet attached on page no. Of Muck disposal estimate)


Engineer
PMGSY Works
District Engineer