

RECLAMATION MUCK DUMPING PLAN FOR BAAGI(100KW)

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Sr. No.	Name Of Component From Where Muck Is To Be Produced	Provided Size Of Land In sqm	Actual Size Of Component In sqm	Total Qty. Of Muck Is To Be Produced IN cum	Factor Of Increase In Volume After Excavation	Total Qty. Of Muck To Be Dumped On The Basis Of Increased Qty In cum	Qty Of Muck To Be Utilised (In cum)	Total Qty Of Muck Remaining After Utilisation	Name Of Dumping Place	Size Of Muck Dumping in m	Area Of Dumping Place In sqm	Height Of Muck Dumping	Capacity Of Muck To Be Dumped	Remaining Capacity In cum	Remarks
1	Diversion Weir	10.00 X 8.00	10.00 X 6.00	60.00	45%	87.00	30.45	56.55	Muck Dumping Site - I near Weir site	13.00 X 5.00	65	4.00	260.00	203.45	Out Of Total Muck Generated About 35% Shall Be Used In Construction Of Crates, Protection Of Diversion Weir, Retaining Walls, Desilting Tank, & Rest Of The Muck Including Swell Factor (45%) Shall Be Dumped In Muck Dumping Site II & III.
2	Feeder Pipe	95.00 X 3.00	95 X 0.48	95.00	45%	137.75	48.21	89.54					203.45	113.91	
3	Desilting Tank	20.0 X 5.00	20.00 X 3.0	150.00	45%	217.50	76.13	141.38					113.91	-27.46	
4	Power Pipe	645.00 X 2.53	645.00 X 0.48	516.00	45%	748.20	261.87	486.33	Muck Dumping Site - II	10.00 X 3.00	30	5.00	150.00	-336.33	
4	Forebay Tank	16.00 X 6.00	5.00 X 3.00	30.00	45%	43.50	15.23	28.28	Muck Dumping Site - III	16.00 X 6.00	96	4.00	384.00	355.73	
6	Panstock	90.00 X 1.5	90.00 X 0.3	8.73	45%	12.65	4.43	8.22					160.00	151.78	
7	Power House	10.00 X 5.00	10.00 X 4.00	80.00	45%	116.00	40.60	75.40	Muck Dumping Site - IV	10.00X4.00	40	4.00	151.78	76.38	
17	Transmission Line	20.0 X 0.60	20.0 x 0.60	7.20	45%	10.44	3.65	6.79					76.38	69.59	
17	Total			946.93		1373.04	480.6	892.5			231.00				
Total Qty. Of Muck Is To Be Produced IN cum				946.93	cum	Total Qty. Of Muck To Be Dumped On The Basis Of Increased Qty In cum =				1373.04					
Qty of Muck To Be Utilised (In cum) =				480.56	cum	Total Qty Of Muck Remaining After Utilisation =				892.5					
Total Area Of Dumping Place In sqm =				231.00	sqm	Total Capacity Of Muck To Be Dumped				=				954.00	