

MUCK DISPOSAL AREA CALCULATIONS FROM KM 0+000 TO KM 51+825

Sl. No. of Muck Disposal Area	Chainage as per Design		Quantity of Muck Generated in Cum	Length	Width	Height	Area (Sqm)	Co-ordinates			Nature of Land	Nature of Land	Length	Type of Protection Work
	From	To						S. No.	LONGITUDE	LATITUDE				
A GEO- REF MDA FOR KM 0.00 TO KM 51.780 (OLD MUCK DISPOSAL PLAN)														
MDP-1	1+300						1.50	a	96°30'45.55"E	28°04'58.38"N	P.R.F	Forest land		This is Nala
MDP-2	5+300						1.50	a	96°32'01.28"E	28°04'49.19"N	P.R.F	Forest land		This is army land
MDA -3	9+470	10+120	299000	650	23	20	1.495	a	96°33'29.11"E	28°04'01.63"N	U.S.F	Forest land	650	1.Approved in forest clearance issued vide letter no PCCF Letter No.FOR. 3-167/Cons/2013/ 829-35 dated 23 June 2017. 2) Dry Wall has been proposed to protect the over flow of muck.
								b	96°33'29.44"E	28°04'02.85"N				
								c	96°33'12.48"E	28°04'14.25"N				
								d	96°33'13.44"E	28°04'14.06"N				
MDP-4	15+300						1.50	a	96°35'26.80"E	28°02'41.10"N	U.S.F	Forest land		Land Owner not accepted
MDP-5	20+100						1.50	a	96°39'37.13"E	27°58'17.63"N	U.S.F	Forest land		Land Owner not accepted
MDP-6	25+300						1.50	a	96°38'15.55"E	27°59'35.89"N	U.S.F	Forest land		Land Owner not accepted
MDP-7	30+400						1.50	a	96°39'50.54"E	27°58'02.22"N	U.S.F	Forest land		Land Owner not accepted
MDP-8	36+275						1.50	a	96°46'34.43"E	27°57'55.64"N	U.S.F	Forest land		Land Owner not accepted
MDP-9	40+300						1.50	a	96°43'11.92"E	27°57'19.27"N	U.S.F	Forest land		Land Owner not accepted
MDP-10	45+550						1.50	a	96°45'53.64"E	27°56'25.63"N	U.S.F	Forest land		Land Owner not accepted
MDP-11	50+840						1.50	a	96°47'31.26"E	27°55'13.94"N	U.S.F	Forest land		Land Owner not accepted
TOTAL FOREST AREA IN HA. =							16.50				TOTAL LENGTH IN MTR=		650	

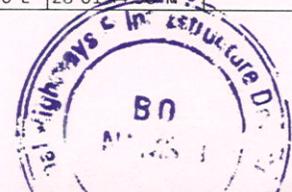


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Annexure-II

B	GEO- REF MDA FOR KM 0.00 TO KM 51.780 (NEW MUCK DISPOSAL PLAN)													
MDA -1	1+440	1+480	16200	40	27	15	0.108	a	96°30'48.53"E	28°04'55.71"N	P.R.F	Forest land	40	Dry Wall
								b	96°30'50.22"E	28°04'55.41"N				
								c	96°30'48.90"E	28°04'54.58"N				
								d	96°30'48.90"E	28°04'54.58"N				
MDA -2	3+340	3+640	180000	300	30	20	0.900	a	96°31'38.98"E	28°04'59.75"N	P.R.F	Forest land	300	Dry Wall
								b	96°31'40.75"E	28°04'59.48"N				
								c	96°31'43.93"E	28°05'08.38"N				
								d	96°31'43.65"E	28°05'08.41"N				
MDA -3	6+900	7+120	110000	220	50	10	1.100	a	96°32'24.57"E	28°04'47.69"N	P.R.F	Forest land	220	Dry Wall
								b	96°32'24.59"E	28°04'50.37"N				
								c	96°32'27.07"E	28°04'51.94"N				
								d	96°32'27.96"E	28°04'50.07"N				
MDA -4	12+650	12+780	91000	130	70	10	0.910	a	96°34'34.44"E	28°03'46.35"N	U.S.F	Forest land	130	Dry Wall
								b	96°34'37.40"E	28°03'43.64"N				
								c	96°34'35.29"E	28°03'42.55"N				
								d	96°34'33.04"E	28°03'45.18"N				
MDA -5	13+070	13+150	56000	80	70	10	0.560	a	96°34'41.70"E	28°03'36.76"N	U.S.F	Forest land	80	Dry Wall
								b	96°34'42.25"E	28°03'34.01"N				
								c	96°34'39.42"E	28°03'33.07"N				
								d	96°34'38.31"E	28°03'35.85"N				
MDA -6	14+360	14+500	70000	140	50	10	0.700	a	96°34'57.83"E	28°03'04.36"N	U.S.F	Forest land	140	Dry Wall
								b	96°34'58.99"E	28°03'00.61"N				
								c	96°34'57.22"E	28°03'00.70"N				
								d	96°34'56.13"E	28°03'03.85"N				
MDA -7	17+240	17+320	54400	80	40	17	0.320	a	96°36'20.45"E	28°02'35.77"N	U.S.F	Forest land	80	Gabion Wall
								b	96°36'23.40"E	28°02'36.14"N				
								c	96°36'23.09"E	28°02'34.27"N				
								d	96°36'20.55"E	28°02'34.37"N				
MDA -8	17+510	17+650	77000	140	50	11	0.700	a	96°36'29.59"E	28°02'33.06"N	U.S.F	Forest land	140	Dry Wall
								b	96°36'32.44"E	28°02'30.77"N				
								c	96°36'31.78"E	28°02'29.44"N				
								d	96°36'27.89"E	28°02'31.25"N				
MDA -9	17+820	17+890	19999	70	28.57	10	0.200	a	96°36'35.75"E	28°02'26.56"N	U.S.F	Forest land	70	Dry Wall
								b	96°36'35.12"E	28°02'29.19"N				
								c	96°36'33.29"E	28°02'28.10"N				
								d	96°36'35.35"E	28°02'28.05"N				
MDA -10	19+550	19+640	67500	90	50	15	0.450	a	96°37'16.84"E	28°01'45.35"N	U.S.F	Forest land	90	Dry Wall
								b	96°37'13.60"E	28°01'47.92"N				
								c	96°37'13.01"E	28°01'46.99"N				
								d	96°37'16.16"E	28°01'44.58"N				

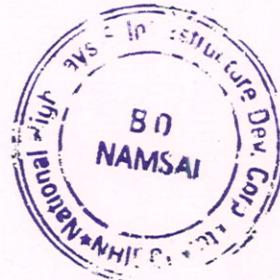
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MDA -11	21+950	22+040	45000	90	50	10	0.450	a	96°37'40.25"E	28°00'56.04"N	U.S.F	Forest land	90	Dry Wall
								b	96°37'41.31"E	28°00'58.75"N				
								c	96°37'39.52"E	28°00'59.29"N				
								d	96°37'39.09"E	28°00'56.92"N				
MDA -12	22+960	23+060	78000	100	60	13	0.600	a	96°37'51.81"E	28°00'31.34"N	U.S.F	Forest land	100	Dry Wall
								b	96°37'53.93"E	28°00'28.81"N				
								c	96°37'52.10"E	28°00'27.79"N				
								d	96°37'50.51"E	28°00'29.71"N				
MDA -13	24+500	24+850	75000	250	20	15	0.500	a	96°38'19.15"E	27°59'42.58"N	U.S.F	Forest land	250	Dry Wall
								b	96°38'20.53"E	27°59'46.37"N				
								c	96°38'17.65"E	27°59'53.56"N				
								d	96°38'19.76"E	27°59'49.85"N				
MDA -14	26+860	27+100	144000	240	60	10	1.440	a	96°39'01.30"E	27°58'49.13"N	U.S.F	Forest land	240	Dry Wall
								b	96°38'56.62"E	27°58'56.13"N				
								c	96°38'55.63"E	27°58'55.22"N				
								d	96°38'59.44"E	27°58'48.44"N				
MDA -15	31+690	31+750	54000	60	90	10	0.540	a	96°40'35.62"E	27°57'29.93"N	U.S.F	Forest land	60	Dry Wall
								b	96°40'33.24"E	27°57'31.08"N				
								c	96°40'31.76"E	27°57'29.12"N				
								d	96°40'33.97"E	27°57'27.57"N				
MDA -16	32+480	32+520	33600	40	70	12	0.280	a	96°40'58.00"E	27°57'27.18"N	U.S.F	Forest land	40	Dry Wall
								b	96°40'59.53"E	27°57'27.08"N				
								c	96°40'59.48"E	27°57'25.08"N				
								d	96°40'57.91"E	27°57'25.20"N				
MDA -17	34+920	35+070	120000	150	80	10	1.200	a	96°42'04.80"E	27°57'38.84"N	U.S.F	Forest land	150	Dry Wall
								b	96°42'08.52"E	27°57'42.35"N				
								c	96°42'11.04"E	27°57'38.20"N				
								d	96°42'07.15"E	27°57'35.35"N				
MDA -18	36+210	36+230	25000	20	50	25	0.100	a	96°42'72.83"E	27°57'50.64"N	U.S.F	Forest land	20	Gabion Wall
								b	96°42'27.99"E	27°57'49.90"N				
								c	96°42'26.82"E	27°57'49.33"N				
								d	96°42'27.06"E	27°57'46.89"N				
MDA -19	38+520	38+710	93100	190	35	14	0.665	a	96°42'46.93"E	27°57'47.10"N	U.S.F	Forest land	190	Dry Wall
								b	96°42'47.18"E	27°57'47.70"N				
								c	96°42'44.38"E	27°57'48.46"N				
								d	96°42'43.74"E	27°57'47.65"N				
MDA -20	38+740	38+790	31000	50	40	15.5	0.200	a	96°42'44.84"E	27°57'44.66"N	U.S.F	Forest land	50	Dry Wall
								b	96°42'45.23"E	27°57'44.23"N				
								c	96°42'43.64"E	27°57'43.41"N				
								d	96°42'43.40"E	27°57'44.23"N				

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MDA -21	39+480	39+520	6000	40	15	10	0.060	a	96°42'58.90"E	27°57'30.06"N	U.S.F	Forest land	40	Dry Wall
								b	96°42'58.54"E	27°57'31.09"N				
								c	96°42'58.30"E	27°57'31.26"N				
								d	96°42'57.71"E	27°57'30.31"N				
MDA -22	39+690	39+750	21000	60	35	10	0.210	a	96°43'06.08"E	27°57'26.42"N	U.S.F	Forest land	60	Dry Wall
								b	96°43'04.45"E	27°57'27.54"N				
								c	96°43'03.16"E	27°57'26.24"N				
								d	96°43'04.93"E	27°57'25.17"N				
MDA -23	40+550	40+750	96000	200	30	16	0.600	a	96°43'28.71"E	27°57'10.40"N	U.S.F	Forest land	200	Dry Wall
								b	96°43'35.05"E	27°57'08.90"N				
								c	96°43'34.40"E	27°57'07.89"N				
								d	96°43'28.29"E	27°57'09.55"N				
MDA -24	44+750	45+000	150000	250	60	10	1.500	a	96°45'46.37"E	27°56'24.58"N	U.S.F	Forest land	250	Dry Wall
								b	96°45'44.85"E	27°56'26.20"N				
								c	96°45'43.35"E	27°56'24.78"N				
								d	96°45'44.80"E	27°56'23.17"N				
MDA -25	47+890	48+200	260400	310	70	12	2.170	a	96°46'52.51"E	27°56'14.20"N	U.S.F	Forest land	310	Dry Wall
								b	96°46'52.08"E	27°56'17.53"N				
								c	96°46'50.58"E	27°56'19.04"N				
								d	96°46'47.57"E	27°56'16.68"N				
MDA -26	48+230	48+310	36000	80	30	15	0.240	a	96°46'51.60"E	27°56'11.41"N	U.S.F	Forest land	80	Dry Wall
								b	96°46'53.06"E	27°56'12.92"N				
								c	96°46'52.46"E	27°56'13.93"N				
								d	96°46'50.10"E	27°56'12.13"N				
MDA -27	51+280	51+330	13500	50	18	15	0.090	a	96°47'31.72"E	27°55'21.66"N	U.S.F	Forest land	50	Dry Wall
								b	96°47'31.26"E	27°55'21.94"N				
								c	96°47'29.66"E	27°55'21.20"N				
								d	96°47'29.97"E	27°55'20.68"N				
MDA -28	51+460	51+500	19200	40	40	12	0.160	a	96°47'28.65"E	27°55'18.57"N	U.S.F	Forest land	40	Dry Wall
								b	96°47'30.00"E	27°55'19.00"N				
								c	96°47'28.91"E	27°55'20.49"N				
								d	96°47'27.76"E	27°55'19.83"N				
TOTAL IN CUM		2042899	Total Forest Area in Sqm =				16.953	TOTAL LENGTH IN MTR=		3510				



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Muck Disposal Area:		
Muck Disposal Area in Non Forest Area	0.000	ha.
Muck Disposal Area in Forest Area	16.953	ha.
Total MDP Area in ha. =	16.953	ha.

A	Approved Muck Disposal Area	Area	Ha
	Muck Disposal Area in Non Forest Area	0	ha
	Muck Disposal Area in Forest Area	16.500	ha
	Total MDP Area in ha=	16.500	ha
	Usefull Muck Disposal Area	1.500	ha
	Un-usefull Muck Disposal Area	15.000	ha
	Proposed Muck Disposal Area		
	Muck Disposal Area in PRF Area	2.108	ha
	Muck Disposal Area in USF Area	14.845	ha
B	Total Muck Disposal Area proposed=	16.953	ha

C	New Forest Clearance Required	Area	ha
1	Un-usefull Muck Disposal Area as per A	15.000	ha
2	Total new Muck Disposal Area proposed as per B	16.953	ha
3	Hence net forest area for being applied	1.953	ha

D	Muck Disposal Quantity		
1	Already forest Clearance muck disposal Qty.	299000	Cum.
2	Proposed Muck Disposal Qty	2042899	Cum.
	Total Qty (1+2)	2341899	Cum.




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