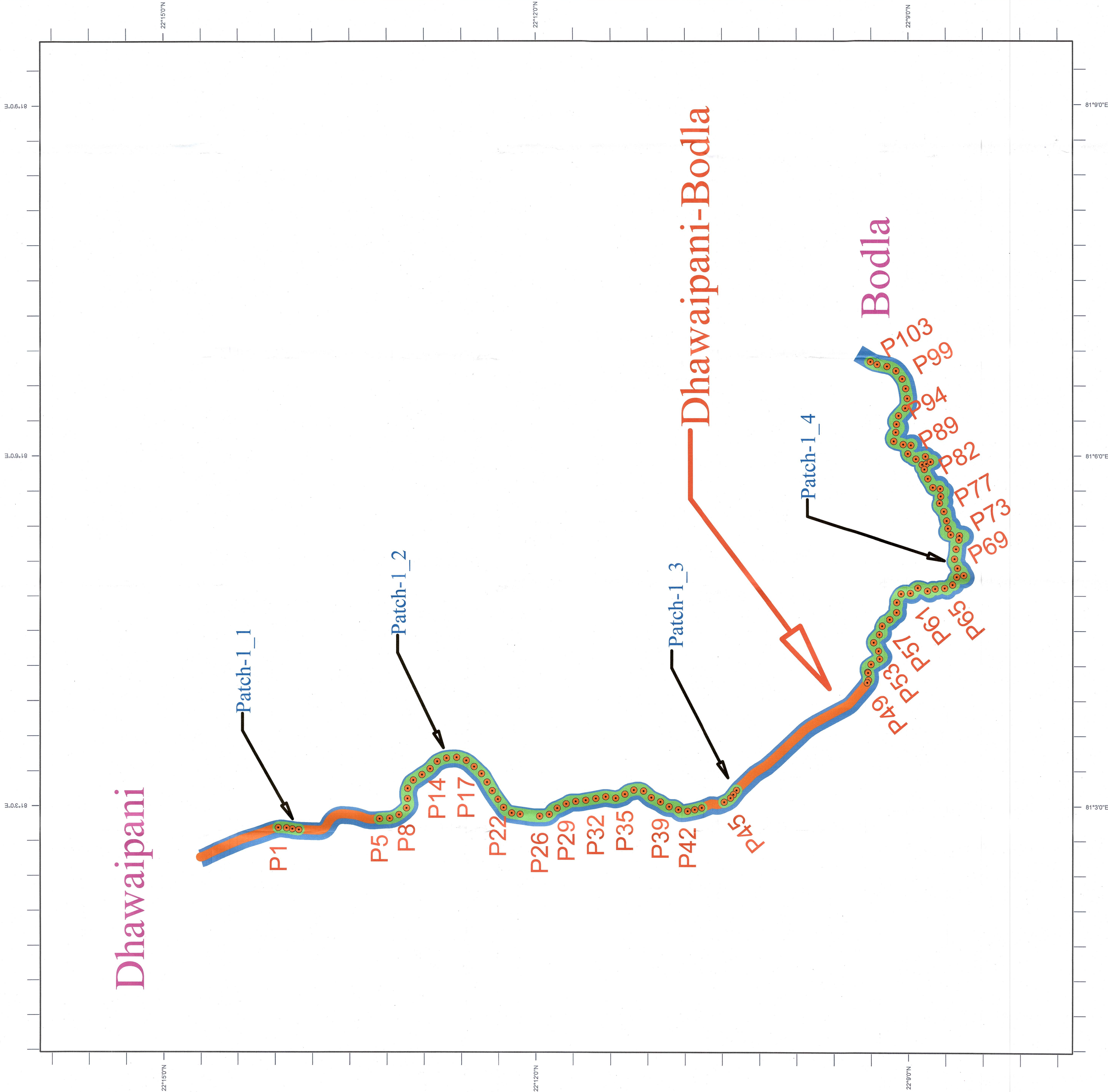


MAP SHOWING DGPS POINTS ON PROPOSED ROUTE FOR LAYING OF OFC CABLE WITHIN NH,SH,PWD & PMGSY ROAD CORRIDOR FOR (BHORAMDEV WILDLIFE SANCTUARY (KAWARDHA DIVISION) OF CHHATTISGARH



DGPS Survey Points

KAWARDHA DIVISION (BHORAMDEV WILDLIFE SANCTUARY)											
Sr.No.	Point ID	UTM Coordinates		Geographical Coordinates		Patch No	UTM Coordinates		Geographical Coordinates		
		Easting(m)	Northing(m)	Latitude "N"	Longitude "E"		Easting(m)	Northing(m)		Latitude "N"	Longitude "E"
Patch-1_1	1	P1	504833.0721	2458793.828	22° 14' 4.522" N	81° 5' 48.910" E	Patch-1_1	507318.8994	2449885.409	22° 9' 14.055" N	81° 4' 15.522" E
	2	P2	504833.1249	2458793.803	22° 14' 0.553" N	81° 5' 48.726" E		507432.7445	2449883.073	22° 9' 14.078" N	81° 4' 19.511" E
	3	P3	504816.1299	2458586.718	22° 13' 57.986" N	81° 4' 48.246" E		507559.9326	2449856.699	22° 9' 17.064" N	81° 4' 23.497" E
	4	P4	504804.7895	2458480.688	22° 13' 54.630" N	81° 4' 47.849" E		507676.9717	2449869.954	22° 9' 14.248" N	81° 4' 28.034" E
Patch-1_2	5	P5	504961.8855	2457291.876	22° 13' 15.621" N	81° 5' 53.394" E	Patch-1_2	507801.7993	2449824.828	22° 9' 12.778" N	81° 4' 32.995" E
	6	P6	504971.791	2457142.122	22° 13' 10.801" N	81° 5' 53.684" E		507896.9791	2449715.353	22° 9' 9.213" N	81° 4' 35.716" E
	7	P7	505024.5005	2457004.449	22° 13' 4.522" N	81° 5' 55.687" E		508000.9444	2449612.366	22° 9' 5.865" N	81° 4' 39.219" E
	8	P8	505124.3185	2456891.311	22° 13' 2.642" N	81° 5' 58.993" E		508146.8552	2449609.404	22° 9' 3.765" N	81° 4' 44.438" E
Patch-1_3	9	P9	505265.4533	2456790.035	22° 13' 2.173" N	81° 5' 3.923" E	Patch-1_3	508277.9599	2449597.027	22° 9' 3.735" N	81° 4' 49.002" E
	10	P10	505413.6166	2456873.168	22° 13' 2.049" N	81° 5' 9.089" E		508284.9758	2449405.955	22° 8' 59.147" N	81° 4' 49.254" E
	11	P11	505531.5638	2456790.035	22° 12' 55.266" N	81° 5' 13.287" E		508366.6647	2449296.706	22° 8' 55.947" N	81° 4' 52.107" E
	12	P12	505613.9386	2456664.699	22° 12' 55.266" N	81° 5' 15.163" E		508351.0244	2449042.393	22° 8' 47.321" N	81° 4' 51.556" E
Patch-1_4	13	P13	505702.2131	2456542.344	22° 12' 51.788" N	81° 5' 19.175" E	Patch-1_4	508360.9398	2448900.115	22° 8' 42.697" N	81° 4' 53.893" E
	14	P14	505806.6133	2456437.704	22° 12' 47.881" N	81° 5' 22.890" E		508412.9601	2448981.249	22° 8' 38.826" N	81° 4' 57.631" E
	15	P15	505860.2036	2456297.969	22° 12' 43.336" N	81° 5' 24.690" E		508525.1971	2448722.173	22° 8' 33.520" N	81° 4' 58.400" E
	16	P16	505864.2795	2456140.539	22° 12' 38.476" N	81° 5' 24.970" E		508555.275	2448711.272	22° 8' 36.546" N	81° 5' 2.172" E
Patch-1_5	17	P17	505824.1368	2456005.965	22° 12' 33.839" N	81° 5' 23.440" E	Patch-1_5	508790.0245	2448754.129	22° 8' 37.038" N	81° 5' 6.891" E
	18	P18	505732.8596	2455988.062	22° 12' 30.006" N	81° 5' 20.237" E		508938.6972	2448730.403	22° 8' 35.763" N	81° 5' 12.045" E
	19	P19	505630.1259	2455778.878	22° 12' 26.455" N	81° 5' 13.647" E		509075.1633	2448687.415	22° 8' 35.469" N	81° 5' 18.831" E
	20	P20	505506.6888	2455695.221	22° 12' 23.337" N	81° 5' 12.335" E		509133.9559	2448679.33	22° 8' 35.469" N	81° 5' 18.831" E
Patch-1_6	21	P21	505377.7623	2455561.655	22° 12' 21.245" N	81° 5' 7.831" E	Patch-1_6	509147.8946	2448811.269	22° 8' 39.789" N	81° 5' 19.372" E
	22	P22	505253.6653	2455534.317	22° 12' 18.506" N	81° 5' 3.495" E		509239.8218	2448849.941	22° 8' 41.045" N	81° 5' 22.983" E
	23	P23	505132.6996	2455445.664	22° 12' 15.624" N	81° 5' 59.269" E		509351.6749	2448871.114	22° 8' 41.732" N	81° 5' 26.488" E
	24	P24	505050.661	2455327.616	22° 12' 11.786" N	81° 5' 56.403" E		509480.0199	2448812.425	22° 8' 43.073" N	81° 5' 31.284" E
Patch-1_7	25	P25	505032.5287	2455203.986	22° 12' 7.765" N	81° 5' 55.782" E	Patch-1_7	509711.797	2448858.358	22° 8' 44.552" N	81° 5' 39.093" E
	26	P26	505003.2931	2454991.361	22° 11' 58.248" N	81° 5' 54.744" E		509820.7683	2448864.398	22° 8' 44.552" N	81° 5' 39.093" E
	27	P27	505031.2437	2454767.601	22° 11' 53.572" N	81° 5' 55.718" E		509893.8671	2449074.388	22° 8' 48.333" N	81° 5' 42.897" E
	28	P28	505123.2251	2454652.935	22° 11' 49.842" N	81° 5' 58.929" E		509967.7677	2449151.141	22° 8' 50.877" N	81° 5' 48.003" E
Patch-1_8	29	P29	505186.0114	2454516.918	22° 11' 45.417" N	81° 5' 1.121" E	Patch-1_8	510051.7406	2449201.036	22° 8' 52.447" N	81° 5' 52.822" E
	30	P30	505225.0486	2454377.241	22° 11' 40.874" N	81° 5' 2.482" E		510216.7802	2449110.278	22° 8' 49.493" N	81° 5' 56.696" E
	31	P31	505242.5407	2454228.724	22° 11' 36.044" N	81° 5' 3.092" E		510288.0713	2449171.616	22° 8' 51.488" N	81° 5' 55.625" E
	32	P32	505270.3338	2454081.323	22° 11' 31.249" N	81° 5' 4.061" E		51076.8135	2449333.166	22° 8' 53.491" N	81° 5' 55.304" E
Patch-1_9	33	P33	505294.1532	2453933.351	22° 11' 26.437" N	81° 5' 4.891" E	Patch-1_9	510287.4206	2449182.954	22° 8' 51.855" N	81° 5' 59.514" E
	34	P34	505274.965	2453784.92	22° 11' 21.097" N	81° 5' 4.219" E		510259.0146	2449325.996	22° 8' 56.508" N	81° 5' 58.176" E
	35	P35	505332.363	2453640.235	22° 11' 17.195" N	81° 5' 6.222" E		510337.05	2449444.609	22° 8' 56.444" N	81° 5' 6.093" E
	36	P36	505395.2792	2453516.422	22° 11' 12.875" N	81° 5' 8.417" E		510464.2665	2449388.557	22° 8' 58.864" N	81° 5' 5.343" E
Patch-1_10	37	P37	505378.6651	2453372.273	22° 11' 8.197" N	81° 5' 7.835" E	Patch-1_10	510472.7983	2449513.261	22° 8' 55.944" N	81° 5' 5.644" E
	38	P38	505282.3691	2453257.549	22° 11' 4.457" N	81° 5' 4.471" E		510520.7205	2449654.091	22° 9' 7.173" N	81° 5' 7.207" E
	39	P39	505219.5553	2453121.466	22° 11' 0.032" N	81° 5' 2.276" E		510650.8837	2449623.01	22° 9' 6.159" N	81° 5' 11.889" E
	40	P40	505148.8228	2452992.167	22° 10' 55.627" N	81° 5' 59.804" E		510770.8701	2449613.628	22° 9' 5.857" N	81° 5' 16.053" E
Patch-1_11	41	P41	505104.4919	2452886.057	22° 10' 51.401" N	81° 5' 58.285" E	Patch-1_11	510895.2703	2449582.402	22° 9' 4.833" N	81° 5' 20.395" E
	42	P42	505081.7792	2452717.943	22° 10' 46.099" N	81° 5' 57.460" E		511007.2816	2449482.7	22° 9' 1.585" N	81° 5' 24.300" E
	43	P43	505103.7316	2452513.179	22° 10' 43.502" N	81° 5' 58.225" E		511298.1581	2449482.7	22° 9' 1.585" N	81° 5' 24.300" E
	44	P44	505132.2716	2452509.248	22° 10' 40.121" N	81° 5' 59.221" E		511438.6743	2449275.611	22° 9' 2.974" N	81° 5' 39.386" E
Patch-1_13	45	P45	505215.8265	2452172.625	22° 10' 29.172" N	81° 5' 7.135" E	Patch-1_13	511555.8878	2449518.501	22° 9' 5.957" N	81° 5' 43.462" E
	46	P46	505277.2204	2452077.899	22° 10' 26.091" N	81° 5' 4.277" E		511619.8903	2449751.735	22° 9' 10.324" N	81° 5' 45.897" E
	47	P47	505328.9307	2452036.769	22° 10' 24.752" N	81° 5' 6.089" E		511647.4779	2449899.161	22° 9' 15.118" N	81° 5' 46.886" E
	48	P48	505387.8541	2451989.849	22° 10' 23.267" N	81° 4' 7.762" E		511885.6605	2450002.153	22° 9' 18.479" N	81° 5' 48.002" E
Patch-1_13	49	P49	507010.2446	2450031.913	22° 9' 19.525" N	81° 4' 7.762" E	Patch-1_13				
	50	P50	507127.5667	2450044.689	22° 9' 19.842" N	81° 4' 8.858" E					
	51	P51	507239.8418	2449992.928	22° 9' 18.254" N	81° 4' 12.777" E					

SCHEDULE OF FOREST LAND - RESERVE & PROTECTED FOREST												
KAWARDHA_DIVISION_(BHORAMDEV WILDLIFE SANCTUARY) - FOREST AREA STATEMENT												
SPAN NAME	Sr. NO.	PATCH NUMBER	DIVISION	RANGE	VILLAGE NAME	COMPARTMENT	TYPE OF LAND	DIVERSION AREA (in HA)	LENGTH (KM)			
Dhawaipani-Bodla	1	Patch-1_1	Kawardha	Chilphi	Duldula	324	Protected Forest	0.015	0.300			
	2					326		0.133	2.660			
	3					151		0.013	0.260			
	4	Patch-1_2				325		0.088	1.760			
	5					327		0.015	0.300			
	6					56	Reserved Forest	0.043	0.860			
	7	Patch-1_3		Bhoramdev	Banjari	328	Protected Forest	0.013	0.260			
	8				Chilphi	72	Reserved Forest	0.008	0.160			
	9				Banjari	328	Protected Forest	0.028	0.560			
	10	Patch-1_4		Chilphi	Banjari		Reserved Forest	0.015	0.300			
	11				Chilphi	59	Reserved Forest	0.348	6.960			
TOTAL FOREST AREA									14.380			
Total Route Length	20.125		Total Forest Patch		14.380		OFC Cable Trench Width		0.0005		Total Forest Diversion Area	0.719
Summary Of Forest And Non Forest Area												
Protected Forest, Reserved Forest &			Revenue Forest Area			Non Forest Area						
0.719			0.000			0.287						

