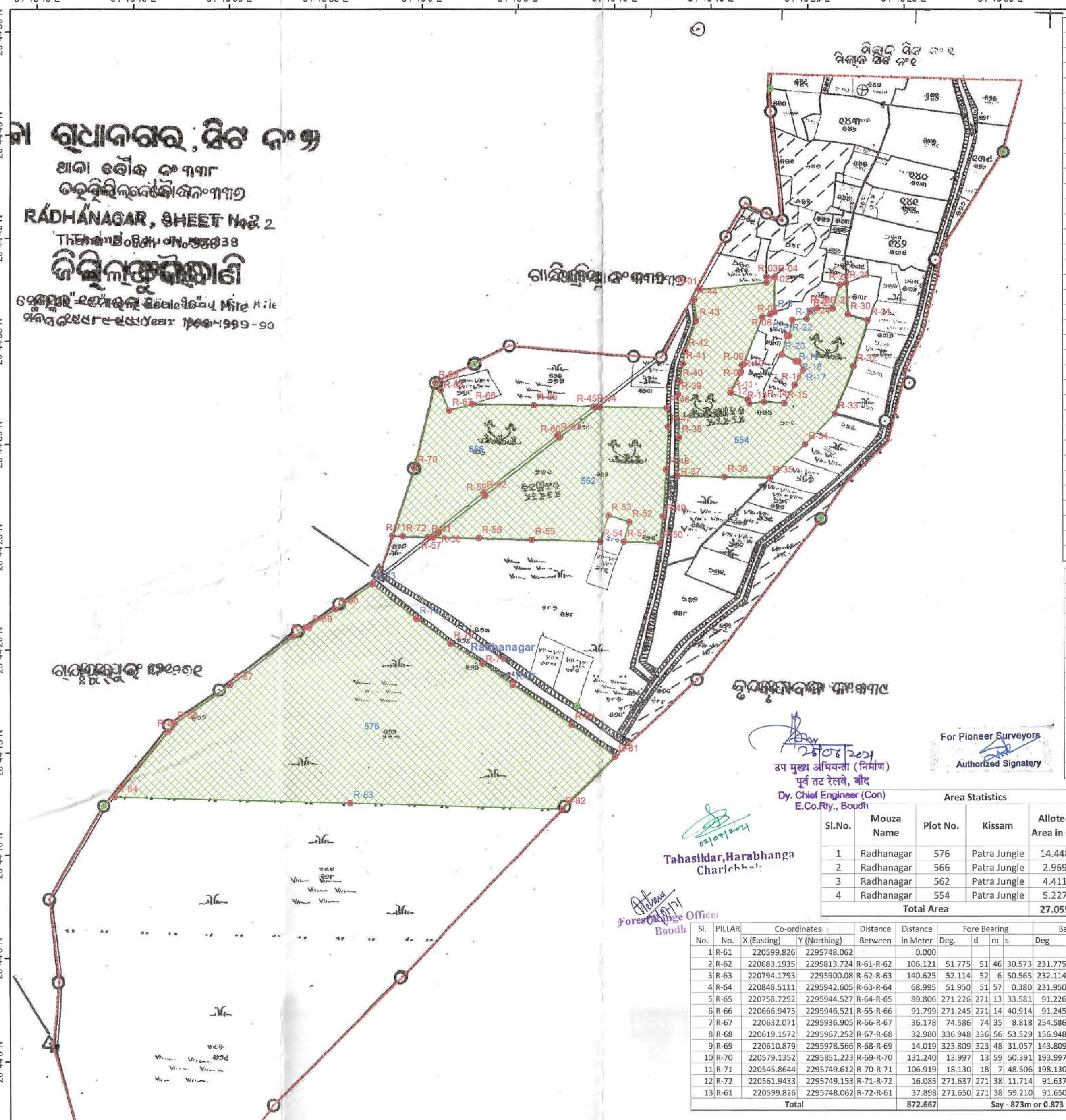
Map Showing Revenue Forest Land of the area 27.055 Ha, in Radhanagar Village, Sheet No.-02, under Boudh Forest Division for Proposed Compensatory Afforestation in Leiu of 302.329 Ha, Diversion of Forest Land for the construction of Khurda Road - Bolangir New B.G. Rail link project of East Coast Railway.



N
W E
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0 50 100 200 300 400
Meters
SCALE - 1 : 3960

DGPS Surveyed co-ordinate of Boundary Pillar						
Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
42	R-51	20° 44' 25.76910" N	84° 19' 11.27492" E	220894.44750	2295740.53870	Radhanagar
43	R-52	20° 44' 26.73794" N	84° 19' 11.53087" E	220902.34960	2295770.22390	Radhanagar
44	R-53	20° 44' 27.03548" N	84° 19' 10.44935" E	220871.19930	2295779.89730	Radhanagar
45	R-54	20° 44' 25.75885" N	84° 19' 10.01834" E	220858.07370	2295740.82630	Radhanagar
46	R-55	20° 44' 25.79602" N	84° 19' 06.46778" E	220755.33010	2295743.67380	Radhanagar
47	R-56	20° 44' 25.82747" N	84° 19' 03.72331" E	220675.91400	2295745.95920	Radhanagar
48	R-57	20° 44' 25.85207" N	84° 19' 01.35385" E	220607.34810	2295747.85400	Radhanagar
49	R-58	20° 44' 26.04619" N	84° 19' 01.60738" E	220614.78510	2295753.70480	Radhanagar
50	R-59	20° 44' 27.90820" N	84° 19' 04.02463" E	220685.69710	2295809.83230	Radhanagar
51	R-60	20° 44' 30.79016" N	84° 19' 07.83029" E	220797.31300	2295896.67400	Radhanagar
52	R-61	20° 44' 25.85476" N	84° 19' 01.09390" E	220599.82600	2295748.06160	Radhanagar
53	R-62	20° 44' 28.03330" N	84° 19' 03.93592" E	220683.19350	2295813.72390	Radhanagar
54	R-63	20° 44' 30.89915" N	84° 19' 07.72009" E	220794.17930	2295900.08030	Radhanagar
55	R-64	20° 44' 32.31021" N	84° 19' 09.57246" E	220848.51110	2295942.60520	Radhanagar
56	R-65	20° 44' 32.32426" N	84° 19' 06.46997" E	220758.72520	2295944.52670	Radhanagar
57	R-66	20° 44' 32.33958" N	84° 19' 03.29864" E	220666.94750	2295946.52080	Radhanagar
58	R-67	20° 44' 32.00832" N	84° 19' 02.09945" E	220632.07100	2295936.90490	Radhanagar
59	R-68	20° 44' 32.98743" N	84° 19' 01.63599" E	220619.15720	2295967.25160	Radhanagar
60	R-69	20° 44' 33.35060" N	84° 19' 01.34356" E	220610.87900	2295978.56590	Radhanagar
61	R-70	20° 44' 29.19568" N	84° 19' 00.32007" E	220579.13520	2295851.22320	Radhanagar
62	R-71	20° 44' 25.87604" N	84° 18' 59.22910" E	220545.86440	2295749.61210	Radhanagar
63	R-72	20° 44' 25.86978" N	84° 18' 59.78475" E	220561.94330	2295749.15270	Radhanagar
64	R-75	20° 44' 20.66839" N	84° 19' 02.35606" E	220633.70840	2295587.88670	Radhanagar
65	R-76	20° 44' 19.73659" N	84° 19' 04.01783" E	220681.32930	2295558.42010	Radhanagar
66	R-80	20° 44' 16.83938" N	84° 19' 08.66616" E	220814.38760	2295467.05070	Radhanagar
67	R-81	20° 44' 15.33150" N	84° 19' 11.00442" E	220881.29500	2295419.53590	Radhanagar
68	R-82	20° 44' 12.73584" N	84° 19' 08.25203" E	220800.30800	2295340.99630	Radhanagar
69	R-84	20° 44' 12.92408" N	84° 18' 44.99553" E	220127.28300	2295357.96200	Radhanagar
70	R-85	20° 44' 16.16563" N	84° 18' 47.72592" E	220207.96680	2295456.38180	Radhanagar
71	R-86	20° 44' 16.54995" N	84° 18' 48.03886" E	220217.22080	2295468.05560	Radhanagar
72	R-87	20° 44' 18.46038" N	84° 18' 50.89484" E	220300.85860	2295525.46030	Radhanagar
73	R-88	20° 44' 20.87679" N	84° 18' 54.20752" E	220397.97230	2295598.21350	Radhanagar
74	R-89	20° 44' 21.33578" N	84° 18' 54.99426" E	220420.97720	2295611.95710	Radhanagar
75	R-90	20° 44' 22.24296" N	84° 18' 56.33136" E	220460.14020	2295639.22580	Radhanagar

ETS Surveyed Co-ordinate for C.A. Pillar						
Sl.No.	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	R-5	20°44'37.06800"	84°19'18.87600"	221120.69100	2296084.00500	Radhanager
2	R-17	20°44'34.26000"	84°19'20.42400"	221163.31800	2295997.10800	Radhanager
3	R-18	20°44'34.65600"	84°19'20.17200"	221156.89400	2296009.80900	Radhanager
4	R-19	20°44'34.69200"	84°19'20.02800"	221152.13100	2296010.46900	Radhanager
5	R-20	20°44'34.98000"	84°19'19.30800"	221131.52900	2296020.62100	Radhanager
6	R-21	20°44'35.88000"	84°19'19.52400"	221138.81200	2296048.00600	Radhanager
7	R-22	20°44'35.91600"	84°19'19.66800"	221142.31900	2296048.46700	Radhanager
8	R-23	20°44'36.67200"	84°19'19.81200"	221147.21300	2296072.15100	Radhanager
9	R-73	20°44'23.49600"	84°18'58.24800"	220516.48400	2295677.31500	Radhanager
10	R-74	20°44'21.84000"	84°19'00.55200"	220582.10700	2295624.66500	Radhanager
11	R-77	20°44'18.70800"	84°19'05.59200"	220726.41100	2295526.44100	Radhanager
12	R-83	20°44'12.84000"	84°18'57.27600"	220482.65900	2295348.99100	Radhanager

DGPS Co-ordinate of Georeferenced point						
Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	RDN-67	20° 44' 12.49628" N	84° 18' 44.45689" E	220111.47400	2295345.05930	Radhanagar
2	RDN-68	20° 44' 17.77157" N	84° 19' 08.92934" E	220822.48040	2295495.60490	Radhanagar
3	RDN-69	20° 44' 27.09176" N	84° 19' 21.46657" E	221190.09400	2295776.34500	Radhanagar
4	RDN-70	20° 44' 34.29619" N	84° 19' 03.36817" E	220669.95870	2296006.68640	Radhanagar
5	RDN-71	20° 44' 44.99953" N	84° 19' 30.58404" E	221463.09280	2296322.94150	Radhanagar
6	RDN-72	20° 44' 47.85869" N	84° 19' 18.48001" E	221114.24160	2296416.70970	Radhanagar

DGPS Surveyed co-ordinate of Boundary Pillar						
Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	R-02	20° 44' 38.46998" N	84° 19' 18.46329" E	221108.97150	2296127.85680	Radhanagar
2	R-03	20° 44' 38.76077" N	84° 19' 18.44715" E	221108.65250	2296136.81120	Radhanagar
3	R-04	20° 44' 38.74887" N	84° 19' 18.87015" E	221120.88880	2296136.24220	Radhanagar
4	R-06	20° 44' 36.93103" N	84° 19' 18.67058" E	221114.18640	2296080.40890	Radhanagar
5	R-07	20° 44' 36.80378" N	84° 19' 18.27147" E	221102.57030	2296076.68490	Radhanagar
6	R-08	20° 44' 34.48376" N	84° 19' 17.31605" E	221073.73600	2296005.76340	Radhanagar
7	R-09	20° 44' 34.46593" N	84° 19' 17.24949" E	221071.80030	2296005.24680	Radhanagar
8	R-10	20° 44' 34.12512" N	84° 19' 17.17768" E	221069.54840	2295994.79560	Radhanagar
9	R-11	20° 44' 33.09497" N	84° 19' 16.68129" E	221054.65660	2295963.33930	Radhanagar
10	R-12	20° 44' 32.78493" N	84° 19' 17.58148" E	221080.55190	2295953.36860	Radhanagar
11	R-13	20° 44' 32.58454" N	84° 19' 17.66535" E	221082.87710	2295947.16300	Radhanagar
12	R-14	20° 44' 32.67512" N	84° 19' 18.42676" E	221104.96020	2295949.58460	Radhanagar
13	R-15	20° 44' 32.63841" N	84° 19' 19.47078" E	221135.15790	2295947.95480	Radhanagar
14	R-16	20° 44' 33.52904" N	84° 19' 19.99238" E	221150.70800	2295975.10650	Radhanagar
15	R-24	20° 44' 36.74666" N	84° 19' 20.56968" E	221169.05600	2296073.82560	Radhanagar
16	R-25	20° 44' 37.12701" N	84° 19' 20.73425" E	221174.01280	2296085.44890	Radhanagar
17	R-26	20° 44' 37.26549" N	84° 19' 21.09710" E	221184.58490	2296089.53570	Radhanagar
18	R-27	20° 44' 37.26660" N	84° 19' 21.90868" E	221208.07440	2296089.18060	Radhanagar
19	R-28	20° 44' 38.41768" N	84° 19' 22.26108" E	221218.85990	2296124.42680	Radhanagar
20	R-29	20° 44' 38.50553" N	84° 19' 22.57906" E	221228.10770	2296126.97740	Radhanagar
21	R-30	20° 44' 36.99249" N	84° 19' 22.70824" E	221231.07550	2296080.36400	Radhanagar
22	R-31	20° 44' 36.71899" N	84° 19' 23.72172" E	221260.26810	2296071.46360	Radhanagar
23	R-32	20° 44' 34.48156" N	84° 19' 23.03096" E	221239.13630	2296002.95600	Radhanagar
24	R-33	20° 44' 32.15600" N	84° 19' 22.10900" E	221211.26800	2295931.84770	Radhanagar
25	R-34	20° 44' 30.65910" N	84° 19' 20.58372" E	221166.36000	2295886.52400	Radhanagar
26	R-35	20° 44' 28.99513" N	84° 19' 18.79229" E	221113.66380	2295836.18790	Radhanagar
27	R-36	20° 44' 29.00268" N	84° 19' 16.42959" E	221045.28540	2295837.55290	Radhanagar
28	R-37	20° 44' 29.01065" N	84° 19' 14.02064" E	220975.56880	2295838.95370	Radhanagar
29	R-38	20° 44' 30.88184" N	84° 19' 14.04430" E	220977.20760	2295896.51280	Radhanagar
30	R-39	20° 44' 32.97487" N	84° 19' 13.97488" E	220976.26580	2295960.94240	Radhanagar
31	R-40	20° 44' 33.60524" N	84° 19' 14.03526" E	220978.33490	2295980.30790	Radhanagar
32	R-41	20° 44' 34.46168" N	84° 19' 14.19207" E	220983.31010	2296006.58250	Radhanagar
33	R-42	20° 44' 35.06912" N	84° 19' 14.30554" E	220986.90390	2296025.21720	Radhanagar
34	R-43	20° 44' 36.56024" N	84° 19' 14.85019" E	221003.42750	2296070.83300	Radhanagar
35	R-44	20° 44' 37.57189" N	84° 19' 14.73135" E	221000.50400	2296102.01530	Radhanagar
36	R-45	20° 44' 32.30579" N	84° 19' 09.85243" E	220856.61170	2295942.33470	Radhanagar
37	R-46	20° 44' 32.29652" N	84° 19' 13.38257" E	220958.77710	2295940.35560	Radhanagar
38	R-47	20° 44' 31.39004" N	84° 19' 13.46590" E	220960.72650	2295912.42620	Radhanagar
39	R-48	20° 44' 29.31939" N	84° 19' 13.40929" E	220958.03220	2295848.74600	Radhanagar
40	R-49	20° 44' 27.04168" N	84° 19' 13.26839" E	220952.79280	2295778.73540	Radhanagar
41	R-50	20° 44' 25.73423" N	84° 19' 13.13087" E	220948.14580	2295738.57540	Radhanagar

Area Statistics					
Sl.No.	Mouza Name	Plot No.	Kissam	Alloted Area in Ha	Map Area in Ha.
1	Radhanagar	576	Patra Jungle	14.448	14.186
2	Radhanagar	566	Patra Jungle	2.969	2.969
3	Radhanagar	562	Patra Jungle	4.411	4.411
4	Radhanagar	554	Patra Jungle	5.227	5.227
	Total Area			27.055	26.793

Sl. No.	PILLAR No.	Co-ordinates X (Easting)	Co-ordinates Y (Northing)	Distance Between	Distance in Meter	Fore Bearing Deg.	d	m	s	Back Bearing Deg	d	m	s
1	R-01	221008.9132	2296117.3600		0.000								
2	R-02	221108.9715	2296127.8568	R-01-R-02	100.607	84.011	84	0	40.272	264.011	264	0	40.272
3	R-03	221108.6525	2296136.8112	R-02-R-03	8.960	357.960	357	57	34.934	177.960	177	57	34.934
4	R-04	221120.8888	2296136.2422	R-03-R-04	12.250	272.662	272	39	44.612	92.662	92	39	44.612
5	R-5	221120.6910	2296084.0050	R-04-R-5	52.238	0.217	0	13	1.033	180.217	180	13	1.033
6	R-06	221114.1864	2296080.4089	R-5-R-06	7.432	61.064	61	3	49.583	241.064	241	3	49.583
7	R-07	221102.5703	2296076.6849	R-06-R-07	12.198	72.225	72	13	28.898	252.225	252	13	28.898
8	R-08	221073.7360	2296005.7634	R-07-R-08	76.559	22.125	22	7	30.028	202.125	202	7	30.028
9	R-09	221071.8003	2296005.2468	R-08-R-09	2.003	75.057	75	3	25.780	255.057	255	3	25.780
10	R-10	221069.5484	2295994.7956	R-09-R-10	10.691	12.160	12	9	34.242	192.160	192	9	34.242
11	R-11	221054.6566	2295963.3393	R-10-R-11	34.803	25.333	25	20	0.425	205.333	205	20	0.425
12	R-12	221080.5519	2295953.3686	R-11-R-12	27.749	291.059	291	3	31.143	111.059	111	3	31.143
13	R-13	221082.8771	2295947.1630	R-12-R-13	6.627	339.459	339	27	33.610	159.459	159	27	33.610
14	R-14	221104.9602	2295949.5846	R-13-R-14	22.215	83.742	83	44	31.322	263.742	263	44	31.322
15	R-15	221135.1579	2295947.9548	R-14-R-15	30.242	273.089	273	5	21.527	93.089	93	5	21.527
16	R-16	221150.7080	2295975.1065	R-15-R-16	31.289	29.800	29	48	1.000	209.800	209	48	1.000
17	R-17	221163.3180	2295997.1080	R-16-R-17	25.359	29.819	29	49	7.915	209.819	209	49	7.915
18	R-18	221156.8940	2296009.8090	R-17-R-18	14.233	333.170	333	10	13.113	153.170	153	10	13.113
19	R-19	221152.1310	2296010.4690	R-18-R-19	4.809	277.889	277	53	20.874	97.889	97	53	20.874
20	R-20	221131.5290	2296020.6210	R-19-R-20	22.967	296.233	296	13	57.319	116.233	116	13	57.319
21	R-21	221138.8120	2296048.0060	R-20-R-21	28.337	14.893	14	53	34.781	194.893	194	53	34.781
22	R-22	221142.3190	2296048.4670	R-21-R-22	3.537	82.511	82	30	40.777	262.511	262	30	40.777
23	R-23	221147.2130	2296072.1510	R-22-R-23	24.184	11.675	11	40	30.465	191.675	191	40	30.465
24	R-24	221169.0560	2296073.8256	R-23-R-24	21.907	85.616	85	36	57.521	265.616	265	36	57.521
25	R-25	221174.0128	2296085.4489	R-24-R-25	12.636	23.096	23	5	45.622	203.096	203	5	45.622
26	R-26	221184.5849	2296089.5357	R-25-R-26	11.335	68.865	68	51	54.939	248.865	248	51	54.939
27	R-27	221208.0744	2296089.1806	R-26-R-27	23.492	270.866	270	51	57.949	90.866	90	51	57.949
28	R-28	221218.8599	2296124.4268	R-27-R-28	36.859	17.014	17	0	51.670	197.014	197	0	51.670
29	R-29	221228.1077	2296126.9774	R-28-R-29	9.593	74.581	74	34	50.940	254.581	254	34	50.940
30	R-30	221231.0755	2296080.3640	R-29-R-30	46.708	356.357	356	21	25.154	176.357	176	21	25.154
31	R-31	221260.2681	2296071.4636	R-30-R-31	30.519	286.956	286	57	20.530	106.956	106	57	20.530
32	R-32	221239.1363	2296002.9560	R-31-R-32	71.693	17.143	17	8	34.297	197.143	197	8	34.297
33	R-33	221211.2680	2295931.8477	R-32-R-33	76.374	21.401	21	24	3.173	201.401	201	24	3.173
34	R-34	221166.3600	2295886.5240	R-33-R-34	63.804	44.736	44	44	9.739	224.736	224	44	9.739
35	R-35	221113.6638	2295836.1879	R-34-R-35	72.874	46.312	46	18	43.960	226.312	226	18	43.960
36	R-36	221045.2854	2295837.5529	R-35-R-36	68.392	271.144	271	8	37.003	91.144	91	8	37.003
37	R-37	220975.5688	2295838.9537	R-36-R-37	69.731	271.151	271	9	3.875	91.151	91	9	3.875
38	R-38	220977.2076	2295896.5128	R-37-R-38	57.582	1.631	1	37	51.104	181.631	181	37	51.104
39	R-39	220976.2658	2295960.9424	R-38-R-39	64.436	359.163	359	9	45.138	179.163	179	9	45.138
40	R-40	220978.3349	2295980.3079	R-39-R-40	19.476	6.099	6	5	54.999	186.099	186	5	54.999
41	R-41	220983.3101	2296006.5825	R-40-R-41	26.741	10.722	10	43	20.057	190.722	190	43	20.057
42	R-42	220986.9039	2296025.2172	R-41-R-42	18.978	10.916	10	54	56.803	190.916	190	54	56.803
43	R-43	221003.4275	2296070.8330	R-42-R-43	48.516	19.912	19	54	43.617	199.912	199	54	43.617
44	R-44	221000.5040	2296102.0153	R-43-R-44	31.319	354.644	354	38	37.985	174.644	174	38	37.985
45	R-01	221008.9132	2296117.3600	R-44-R-01	17.498	28.724	28	43	25.015	208.724	208	43	25.015
Total					1459.755	Say -1460m. Or 1.460Km.							

Sl. No.	PILLAR No.	Co-ordinates X (Easting)	Co-ordinates Y (Northing)	Distance Between	Distance in Meter	Fore Bearing Deg.	d	m	s	Back Bearing Deg	d	m	s
1	R-61	220599.826	2295748.062		0.000								
2	R-62	220683.1935	2295813.724	R-61-R-62	106.121	51.775	51	46	30.573	231.775	231	46	30.573
3	R-63	220794.1793	2295900.08	R-62-R-63	140.625	52.114	52	6	50.565	232.114	232	6	50.565
4	R-64	220848.5111	2295942.605	R-63-R-64	68.995	51.950	51	57	0.380	231.950	231	57	0.380
5	R-65	220758.7252	2295944.527	R-64-R-65	89.806	271.226	271	13	33.581	91.226	91	13	33.581
6	R-66	220666.9475	2295946.521	R-65-R-66	91.799	271.245	271	14	40.914	91.245	91	14	40.914
7	R-67	220632.071	2295936.905	R-66-R-67	36.178	74.586	74	35	8.818	254.586	254	35	8.818
8	R-68	220619.1572	2295967.252	R-67-R-68	32.980	336.948	336	56	53.529	156.948	156	56	53.529
9	R-69	220610.879	2295978.566	R-68-R-69	14.019	323.809	323	48	31.057	143.809	143	48	31.057
10	R-70	220579.1352	2295851.223	R-69-R-70	131.240	13.997	13	59	50.391	193.997	193	59	50.391
11	R-71	220545.8644	2295749.612	R-70-R-71	106.919	18.130	18	7	48.506	198.130	198	7	48.506
12	R-72	220561.9433	2295749.153	R-71-R-72	16.085	271.637	271	38	11.714	91.637	91	38	11.714
13	R-61	220599.826	2295748.062	R-72-R-61	37.898	271.650	271	38	59.210	91.650	91	38	59.210
Total					872.667	Say - 873m or 0.873 Km							

Sl. No.	PILLAR No.	Co-ordinates X (Easting)	Co-ordinates Y (Northing)	Distance Between	Distance in Meter	Fore Bearing Deg.	d	m	s	Back Bearing Deg	d	m	s
1	R-45	220856.6117	2295942.335		0.000								
2	R-46	220958.7771	2295940.356	R-45-R-46	102.185	271.110	271	6	35.165	91.110	91	6	35.165
3	R-47	220960.7265	2295912.426	R-46-R-47	27.997	356.007	356	0	26.560	176.007	176	0	26.560
4	R-48	220958.0322	2295848.746	R-47-R-48	63.737	2.423	2	25	21.832	182.423	182	25	21.832
5	R-49	220952.7928	2295778.735	R-48-R-49	70.206	4.280	4	16	47.567	184.280	184	16	47.567
6	R-50	220948.1458	2295738.575	R-49-R-50	40.428	6.600	6	36	1.670	186.600	186	36	1.670
7	R-51	220894.4475	2295740.539	R-50-R-51	53.734	272.094	272	5	38.030	92.094	92	5	38.030
8	R-52	220902.3496	2295770.224	R-51-R-52	30.719	14.906	14	54	22.575	194.906	194	54	22.575
9	R-53	220871.1993	2295779.897	R-52-R-53	32.618	287.252	287	15	5.887	107.252	107	15	5.887
10	R-54	220858.0737	2295740.826	R-53-R-54	41.217	18.569	18	34	9.753	198.569	198	34	9.753
11	R-55	220755.3301	2295743.674	R-54-R-55	102.783	271.588	271	35	15.088	91.588	91	35	15.088
12	R-56	220675.914	2295745.959	R-55-R-56	79.449	271.648	271	38	54.156	91.648	91	38	54.156
13	R-57	220607.3481	2295747.854	R-56-R-57	68.592	271.583	271	34	58.621	91.583	91	34	58.621
14	R-58	220614.7851	2295753.705	R-57-R-58	9.463	51.807	51	48	26.413	231.807	231	48	26.413
15	R-59	220685.6971	2295809.832	R-58-R-59	90.437	51.638	51	38	17.021	231.638	231	38	17.021
16	R-60	220797.313	2295896.674	R-59-R-60	141.420	52.116	52	6	56.288	232.116	232	6	56.288
17	R-45	220856.6117	2295942.335	R-60-R-45	74.841	52.403	52	24	11.893	232.403	232	24	11.893
Total					1029.826	Say - 1030m. Or 1.030Km							

Sl. No.	PILLAR No.	Co-ordinates X (Easting)	Co-ordinates Y (Northing)	Distance Between	Distance in Meter	Fore Bearing Deg.	d	m	s	Back Bearing Deg	d	m	s
1	R-73	220516.484	2295677.315		0.000								
2	R-74	220582.107	2295624.665	R-73-R-74	84.133	308.740	308	44	25.535	128.740	128	44	25.535
3	R-75	220633.7084	2295587.887	R-74-R-75	63.367	305.479	305	28	44.154	125.479	125	28	44.154
4	R-76	220681.3293	2295558.42	R-75-R-76	56.000	301.748	301	44	53.400	121.748	121	44	53.400
5	R-77	220726.411	2295526.441	R-76-R-77	55.272	305.350	305	21	1.147	125.350	125	21	1.147
6	R-80	220814.3876	2295467.051	R-77-R-80	106.147	304.022	304	1	19.477	124.022	124	1	19.477
7	R-81	220881.295	2295419.536	R-80-R-81	82.063	305.381	305	22	50.720	125.381	125	22	50.720
8	R-82	220800.308	2295340.996	R-81-R-82	112.816	45.879	45	52	44.193	225.879	225	52	44.193
9	R-83	220482.659	2295348.991	R-82-R-83	317.750	271.442	271	26	30.248	91.442	91	26	30.248
10	R-84	220127.283	2295357.962	R-83-R-84	355.489	271.446	271	26	45.778	91.446	91	26	45.778
11	R-85	220207.9668	2295456.382	R-84-R-85	127.265	39.345	39	20	40.698	219.345	219	20	40.698
12	R-86	220217.2208	2295468.056	R-85-R-86	14.897	38.404	38	24	15.844	218.404	218	24	15.844
13	R-87	220300.8586	2295525.46	R-86-R-87	101.443	55.536	55	32	10.651	235.536	235	32	10.651
14	R-88	220397.9723	2295598.214	R-87-R-88	121.343	53.161	53	9	39.981	233.161	233	9	39.981
15	R-89	220420.9772	2295611.957	R-88-R-89	26.798	59.145	59	8	42.135	239.145	239	8	42.135
16	R-90	220460.1402	2295639.226	R-89-R-90	47.721	55.151	55	9	3.582	235.151	235	9	3.582
17	R-73	220516.484	2295677.315	R-90-R-73	68.010	55.941	55	56	26.716	235.941	235	56	26.716
					1740.512	Say - 1741m. Or 1.741Km.							

Legend

- DGPS Surveyed Geo-referenced Point.
- DGPS/ETS Surveyed Point for C.A. Pillar
- Derived point for C.A. Pillar
- C.A. Boundary
- Mouza Boundary.

For Pioneer Surveyors
Authorized Signatory

उप मुख्य अभियंता (निर्माण)
पूर्व तट रेलवे, बौद्ध
Dy. Chief Engineer (Con)
E.Co.Rly., Boudh

Tahasildar, Harabhanga
Charichhak

Forest Range Officer
Boudh

ORISSA SPACE APPLICATIONS CENTRE
BHUBANESWAR
Map No. FOC-735
Date 23.06.2021
Auth. Signatory

User Agency :

भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA

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25 YEARS Service to Nation

"Pioneer Tower", AB-109, AA-1
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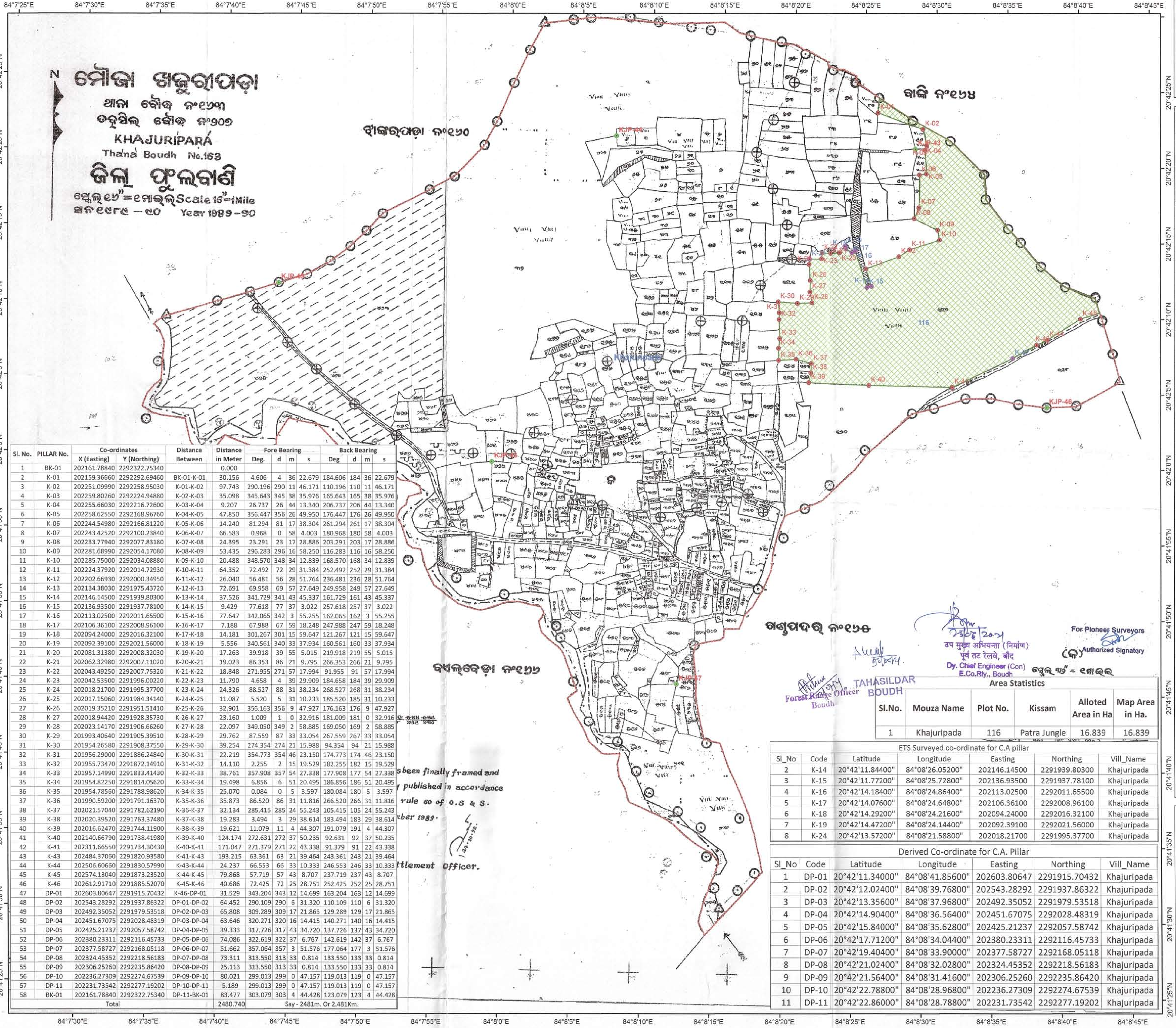
email : pioneer.surveyors@gmail.com
Br.Office :Plot No. 344/3364, Jaydev Vihar,
P.O.- RRL, Bhubaneswar - 751013.
email : pioneer.bbsr13@gmail.com

Map Showing Revenue Forest Land of the area 16.839 Ha, in Khajuripada village, under Boudh Forest Division for Proposed Compensatory Afforestation in Leiu of 302.329 Ha. Diversion of Forest Land for the construction of Khurda Road - Bolangir New B.G. Rail link project of East Coast Railway.



0 50 100 200 300 400
Meters

Sl. No.	PILLAR No.	Co-ordinates X (Easting)	Co-ordinates Y (Northing)	Distance Between	Distance in Meter	Fore Bearing Deg.	d	m	s	Back Bearing Deg	d	m	s
1	BK-01	202161.78840	2292322.75340		0.000								
2	K-01	202159.36660	2292292.69460	BK-01-K-01	30.156	4.606	4	36	22.679	184.606	184	36	22.679
3	K-02	202251.09990	2292258.95030	K-01-K-02	97.743	290.196	290	11	46.171	110.196	110	11	46.171
4	K-03	202259.80260	2292224.94880	K-02-K-03	35.098	345.643	345	38	35.976	165.643	165	38	35.976
5	K-04	202255.66030	2292216.72600	K-03-K-04	9.207	26.737	26	44	13.340	206.737	206	44	13.340
6	K-05	202258.62550	2292168.96760	K-04-K-05	47.850	356.447	356	26	49.950	176.447	176	26	49.950
7	K-06	202244.54980	2292166.81220	K-05-K-06	14.240	81.294	81	17	38.304	261.294	261	17	38.304
8	K-07	202243.42520	2292100.23840	K-06-K-07	66.583	0.968	0	58	4.003	180.968	180	58	4.003
9	K-08	202233.77940	2292077.83180	K-07-K-08	24.395	23.291	23	17	28.886	203.291	203	17	28.886
10	K-09	202281.68990	2292054.17080	K-08-K-09	53.435	296.283	296	16	58.250	116.283	116	16	58.250
11	K-10	202285.75000	2292034.08880	K-09-K-10	20.488	348.570	348	34	12.839	168.570	168	34	12.839
12	K-11	202224.37920	2292014.72930	K-10-K-11	64.352	72.492	72	29	31.384	252.492	252	29	31.384
13	K-12	202202.66930	2292000.34950	K-11-K-12	26.040	56.481	56	28	51.764	236.481	236	28	51.764
14	K-13	202134.38030	2291975.43720	K-12-K-13	72.691	69.958	69	57	27.649	249.958	249	57	27.649
15	K-14	202146.14500	2291939.80300	K-13-K-14	37.526	341.729	341	43	45.337	161.729	161	43	45.337
16	K-15	202136.93500	2291937.78100	K-14-K-15	9.429	77.618	77	37	3.022	257.618	257	37	3.022
17	K-16	202113.02500	2292011.65500	K-15-K-16	77.647	342.065	342	3	55.255	162.065	162	3	55.255
18	K-17	202106.36100	2292008.96100	K-16-K-17	7.188	67.988	67	59	18.248	247.988	247	59	18.248
19	K-18	202094.24000	2292016.32100	K-17-K-18	14.181	301.267	301	15	59.647	121.267	121	15	59.647
20	K-19	202092.39100	2292021.56000	K-18-K-19	5.556	340.561	340	33	37.934	160.561	160	33	37.934
21	K-20	202081.31380	2292008.32030	K-19-K-20	17.263	39.918	39	55	5.015	219.918	219	55	5.015
22	K-21	202062.32980	2292007.11020	K-20-K-21	19.023	86.353	86	21	9.795	266.353	266	21	9.795
23	K-22	202043.49250	2292007.75320	K-21-K-22	18.848	271.955	271	57	17.994	91.955	91	57	17.994
24	K-23	202042.53500	2291996.00220	K-22-K-23	11.790	4.658	4	39	29.909	184.658	184	39	29.909
25	K-24	202018.21700	2291995.37700	K-23-K-24	24.326	88.527	88	31	38.234	268.527	268	31	38.234
26	K-25	202017.15060	2291984.34140	K-24-K-25	11.087	5.520	5	31	10.233	185.520	185	31	10.233
27	K-26	202019.35210	2291951.51410	K-25-K-26	32.901	356.163	356	9	47.927	176.163	176	9	47.927
28	K-27	202018.94420	2291928.35730	K-26-K-27	23.160	1.009	1	0	32.916	181.009	181	0	32.916
29	K-28	202023.14170	2291906.66260	K-27-K-28	22.097	349.050	349	2	58.885	169.050	169	2	58.885
30	K-29	201993.40640	2291905.39510	K-28-K-29	29.762	87.559	87	33	33.054	267.559	267	33	33.054
31	K-30	201954.26580	2291908.37550	K-29-K-30	39.254	274.354	274	21	15.988	94.354	94	21	15.988
32	K-31	201956.29000	2291886.24840	K-30-K-31	22.219	354.773	354	46	23.150	174.773	174	46	23.150
33	K-32	201955.73470	2291872.14910	K-31-K-32	14.110	2.255	2	15	19.529	182.255	182	15	19.529
34	K-33	201957.14990	2291833.41430	K-32-K-33	38.761	357.908	357	54	27.338	177.908	177	54	27.338
35	K-34	201954.82250	2291814.05620	K-33-K-34	19.498	6.856	6	51	20.495	186.856	186	51	20.495
36	K-35	201954.78560	2291788.98620	K-34-K-35	25.070	0.084	0	5	3.597	180.084	180	5	3.597
37	K-36	201990.59200	2291791.16370	K-35-K-36	35.873	86.520	86	31	11.816	266.520	266	31	11.816
38	K-37	202021.57040	2291782.62190	K-36-K-37	32.134	285.415	285	24	55.243	105.415	105	24	55.243
39	K-38	202020.39520	2291763.37480	K-37-K-38	19.283	3.494	3	29	38.614	183.494	183	29	38.614
40	K-39	202016.62470	2291744.11900	K-38-K-39	19.621	11.079	11	4	44.307	191.079	191	4	44.307
41	K-40	202140.66790	2291738.41980	K-39-K-40	124.174	272.631	272	37	50.235	92.631	92	37	50.235
42	K-41	202311.66550	2291734.30430	K-40-K-41	171.047	271.379	271	22	43.338	91.379	91	22	43.338
43	K-43	202484.37060	2291820.93580	K-41-K-43	193.215	63.361	63	21	39.464	243.361	243	21	39.464
44	K-44	202506.60660	2291830.57990	K-43-K-44	24.237	66.553	66	33	10.333	246.553	246	33	10.333
45	K-45	202574.13040	2291873.23520	K-44-K-45	79.868	57.719	57	43	8.707	237.719	237	43	8.707
46	K-46	202612.91710	2291885.52070	K-45-K-46	40.686	72.425	72	25	28.751	252.425	252	25	28.751
47	DP-01	202603.80647	2291915.70432	K-46-DP-01	31.529	343.204	343	12	14.699	163.204	163	12	14.699
48	DP-02	202543.28292	2291937.86322	DP-01-DP-02	64.452	290.109	290	6	31.320	110.109	110	6	31.320
49	DP-03	202492.35052	2291979.53518	DP-02-DP-03	65.808	309.289	309	17	21.865	129.289	129	17	21.865
50	DP-04	202451.67075	2292028.48319	DP-03-DP-04	63.646	320.271	320	16	14.415	140.271	140	16	14.415
51	DP-05	202425.21237	2292057.58742	DP-04-DP-05	39.333	317.726	317	43	34.720	137.726	137	43	34.720
52	DP-06	202380.23311	2292116.45733	DP-05-DP-06	74.086	322.619	322	37	6.767	142.619	142	37	6.767
53	DP-07	202377.58727	2292168.05118	DP-06-DP-07	51.662	357.064	357	3	51.576	177.064	177	3	51.576
54	DP-08	202324.45352	2292218.56183	DP-07-DP-08	73.311	313.550	313	33	0.814	133.550	133	33	0.814
55	DP-09	202306.25260	2292235.86420	DP-08-DP-09	25.113	313.550	313	33	0.814	133.550	133	33	0.814
56	DP-10	202236.27309	2292274.67539	DP-09-DP-10	80.021	299.013	299	0	47.157	119.013	119	0	47.157
57	DP-11	202231.73542	2292277.19202	DP-10-DP-11	5.189	299.013	299	0	47.157	119.013	119	0	47.157
58	BK-01	202161.78840	2292322.75340	DP-11-BK-01	83.477	303.079	303	4	44.428	123.079	123	4	44.428
Total					2480.740	Say - 2481m. Or 2.481Km.							

Forest Range Officer Boudh

TAHASILDAR BOUDH

उप मुख्य अभियन्ता (निर्माण) पूर्व तट रेलवे, बौद
Dy. Chief Engineer (Con) E.Co.Rly., Boudh

For Pioneer Surveyors
Authorized Signatory

Area Statistics

Sl.No.	Mouza Name	Plot No.	Kissam	Alloted Area in Ha	Map Area in Ha.
1	Khajuripada	116	Patra Jungle	16.839	16.839

ETS Surveyed co-ordinate for C.A pillar

Sl_No	Code	Latitude	Longitude	Easting	Northing	Vill_Name
2	K-14	20°42'11.84400"	84°08'26.05200"	202146.14500	2291939.80300	Khajuripada
3	K-15	20°42'11.77200"	84°08'25.72800"	202136.93500	2291937.78100	Khajuripada
4	K-16	20°42'14.18400"	84°08'24.86400"	202113.02500	2292011.65500	Khajuripada
5	K-17	20°42'14.07600"	84°08'24.64800"	202106.36100	2292008.96100	Khajuripada
6	K-18	20°42'14.29200"	84°08'24.21600"	202094.24000	2292016.32100	Khajuripada
7	K-19	20°42'14.47200"	84°08'24.14400"	202092.39100	2292021.56000	Khajuripada
8	K-24	20°42'13.57200"	84°08'21.58800"	202018.21700	2291995.37700	Khajuripada

Derived Co-ordinate for C.A. Pillar

Sl_No	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	DP-01	20°42'11.34000"	84°08'41.85600"	202603.80647	2291915.70432	Khajuripada
2	DP-02	20°42'12.02400"	84°08'39.76800"	202543.28292	2291937.86322	Khajuripada
3	DP-03	20°42'13.35600"	84°08'37.96800"	202492.35052	2291979.53518	Khajuripada
4	DP-04	20°42'14.90400"	84°08'36.56400"	202451.67075	2292028.48319	Khajuripada
5	DP-05	20°42'15.84000"	84°08'35.62800"	202425.21237	2292057.58742	Khajuripada
6	DP-06	20°42'17.71200"	84°08'34.04400"	202380.23311	2292116.45733	Khajuripada
7	DP-07	20°42'19.40400"	84°08'33.90000"	202377.58727	2292168.05118	Khajuripada
8	DP-08	20°42'21.02400"	84°08'32.02800"	202324.45352	2292218.56183	Khajuripada
9	DP-09	20°42'21.56400"	84°08'31.41600"	202306.25260	2292235.86420	Khajuripada
10	DP-10	20°42'22.78800"	84°08'28.96800"	202236.27309	2292274.67539	Khajuripada
11	DP-11	20°42'22.86000"	84°08'28.78800"	202231.73542	2292277.19202	Khajuripada

DGPS Surveyed Co-ordinate for Georeferenced

Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	KJP-43	20° 42' 20.96557" N	84° 08' 28.98972" E	202236.14690	2292218.76290	Khajuripada
2	KJP-44	20° 42' 21.47235" N	84° 08' 07.81076" E	201623.23770	2292245.19400	Khajuripada
3	KJP-45	20° 42' 11.38635" N	84° 07' 44.08637" E	200930.85100	2291947.00840	Khajuripada
4	KJP-46	20° 42' 04.02713" N	84° 08' 38.59261" E	202504.98210	2291692.65720	Khajuripada
5	KJP-47	20° 41' 45.28826" N	84° 08' 12.70342" E	201745.20900	2291129.29100	Khajuripada
6	KJP-48	20° 41' 59.79782" N	84° 07' 59.39475" E	201367.76520	2291582.57170	Khajuripada

DGPS Surveyed Co-ordinate of C.A. Pillar

Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	BK-01	20° 42' 24.30143" N	84° 08' 26.35882" E	202161.78840	2292322.75340	Khajuripada
2	K-01	20° 42' 23.32347" N	84° 08' 26.29352" E	202159.36660	2292292.69460	Khajuripada
4	K-02	20° 42' 22.27978" N	84° 08' 29.48153" E	202251.09990	2292258.95030	Khajuripada
5	K-03	20° 42' 21.18011" N	84° 08' 29.80275" E	202259.80260	2292224.94880	Khajuripada
6	K-04	20° 42' 20.91058" N	84° 08' 29.66473" E	202255.66030	2292216.72600	Khajuripada
7	K-05	20° 42' 19.36067" N	84° 08' 29.79623" E	202258.62550	2292168.96760	Khajuripada
8	K-06	20° 42' 19.28257" N	84° 08' 29.31153" E	202244.54980	2292166.81220	Khajuripada
9	K-07	20° 42' 17.11903" N	84° 08' 29.31328" E	202243.42520	2292100.23840	Khajuripada
10	K-08	20° 42' 16.38553" N	84° 08' 28.99388" E	202233.77940	2292077.83180	Khajuripada
11	K-09	20° 42' 15.64429" N	84° 08' 30.66257" E	202281.68990	2292054.17080	Khajuripada
12	K-10	20° 42' 14.99418" N	84° 08' 30.81500" E	202285.75000	2292034.08880	Khajuripada
13	K-11	20° 42' 14.33002" N	84° 08' 28.70777" E	202224.37920	2292014.72930	Khajuripada
14	K-12	20° 42' 13.85038" N	84° 08' 27.96694" E	202202.66930	2292000.34950	Khajuripada
15	K-13	20° 42' 13.00184" N	84° 08' 25.62424" E	202134.38030	2291975.43720	Khajuripada
16	K-20	20° 42' 14.03972" N	84° 08' 23.77190" E	202081.31380	2292008.32030	Khajuripada
17	K-21	20° 42' 13.98951" N	84° 08' 23.11716" E	202062.32980	2292007.11020	Khajuripada
18	K-22	20° 42' 13.99959" N	84° 08' 22.46635" E	202043.49250	2292007.75320	Khajuripada
19	K-23	20° 42' 13.61727" N	84° 08' 22.44046" E	202042.53500	2291996.00220	Khajuripada
20	K-25	20° 42' 13.22385" N	84° 08' 21.57110" E	202017.15060	2291984.34140	Khajuripada
21	K-26	20° 42' 12.15860" N	84° 08' 21.66714" E	202019.35210	2291951.51410	Khajuripada
22	K-27	20° 42' 11.40603" N	84° 08' 21.66718" E	202018.94420	2291928.35730	Khajuripada
23	K-28	20° 42' 10.70361" N	84° 08' 21.82534" E	202023.14170	2291906.66260	Khajuripada
24	K-29	20° 42' 10.64536" N	84° 08' 20.79942" E	201993.40640	2291905.39510	Khajuripada
25	K-30	20° 42' 10.71972" N	84° 08' 19.44616" E	201954.26580	2291908.37550	Khajuripada
26	K-31	20° 42' 10.00200" N	84° 08' 19.52955" E	201956.29000	2291886.24840	Khajuripada
27	K-32	20° 42' 09.54362" N	84° 08' 19.51898" E	201955.73470	2291872.14910	Khajuripada
28	K-33	20° 42' 08.28599" N	84° 08' 19.59147" E	201957.14990	2291833.41430	Khajuripada
29	K-34	20° 42' 07.65573" N	84° 08' 19.52292" E	201954.82250	2291814.05620	Khajuripada
30	K-35	20° 42' 06.84122" N	84° 08' 19.53694" E	201954.78560	2291788.98620	Khajuripada
31	K-36	20° 42' 06.93251" N	84° 08' 20.77192" E	201990.59200	2291791.16370	Khajuripada
32	K-37	20° 42' 06.67278" N	84° 08' 21.84674" E	202021.57040	2291782.62190	Khajuripada
33	K-38	20° 42' 06.04680" N	84° 08' 21.81791" E	202020.39520	2291763.37480	Khajuripada
34	K-39	20° 42' 05.41903" N	84° 08' 21.69946" E	202016.62470	2291744.11900	Khajuripada
35	K-40	20° 42' 05.30505" N	84° 08' 25.98585" E	202140.66790	2291738.41980	Khajuripada
36	K-41	20° 42' 05.26940" N	84° 08' 31.89249" E	202311.66550	2291734.30430	Khajuripada
37	K-43	20° 42' 08.18295" N	84° 08' 37.80283" E	202484.37060	2291820.93580	Khajuripada
38	K-44	20° 42' 08.50901" N	84° 08' 38.56472" E	202506.60660	2291830.57990	Khajuripada
39	K-45	20° 42' 09.93352" N	84° 08' 40.87020" E	202574.13040	2291873.23520	Khajuripada
40	K-46	20° 42' 10.35488" N	84° 08' 42.20195" E	202612.91710	2291885.52070	Khajuripada

Legend
- DGPS Surveyed Geo-referenced Point.
- DGPS/ETS Surveyed Point for C.A. Pillar
- Derived point for C.A. Pillar
- C. A. Boundary
- Mouza Boundary.

ORISSA SPACE APPLICATIONS CENTRE, BHUBANESWAR — Map No. FDC-735/14, Date 23.06.2021, Auth. Signatory

User Agency :

भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA

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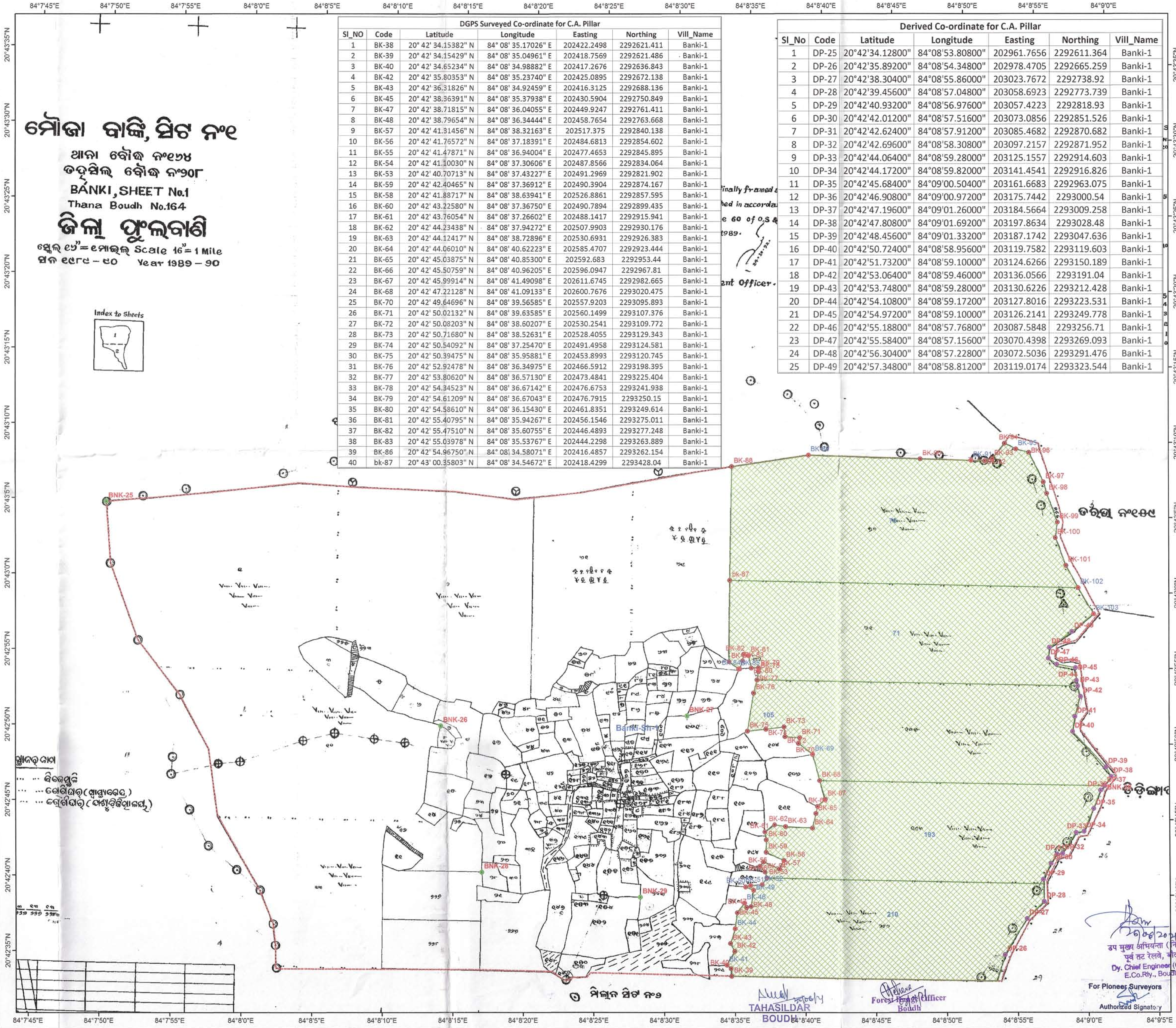
email : pioneer.bbsr13@gmail.com

Sl. No.	PILLAR No.	Co-ordinates X (Easting)	Co-ordinates Y (Northing)	Distance Between	Distance in Meter	Fore Bearing Deg.	d	m	s	Back Bearing Deg	d	m	s
1	BK-38	202422.24980	2292621.41050		0.000								
2	BK-39	202418.75690	2292621.48640	BK-38-BK-39	3.494	271.245	271	14	41.387	91.245	91	14	41.387
3	BK-40	202417.26760	2292636.84270	BK-39-BK-40	15.428	354.461	354	27	38.187	174.461	174	27	38.187
4	BK-41	202408.77400	2292643.84300	BK-40-BK-41	11.007	309.495	309	29	41.440	129.495	129	29	41.440
5	BK-42	202425.08950	2292672.13820	BK-41-BK-42	32.662	29.968	29	58	6.565	209.968	209	58	6.565
6	BK-43	202416.31250	2292688.13640	BK-42-BK-43	18.248	331.250	331	14	59.139	151.250	151	14	59.139
7	BK-44	202426.10700	2292718.19000	BK-43-BK-44	31.609	18.051	18	3	3.038	198.051	198	3	3.038
8	BK-45	202430.59040	2292750.84920	BK-44-BK-45	32.966	7.817	7	48	59.797	187.817	187	48	59.797
9	BK-46	202445.42000	2292770.57700	BK-45-BK-46	24.680	36.933	36	55	57.286	216.933	216	55	57.286
10	BK-47	202449.92470	2292761.41140	BK-46-BK-47	10.213	333.827	333	49	36.667	153.827	153	49	36.667
11	BK-48	202458.76540	2292763.66810	BK-47-BK-48	9.124	75.680	75	40	49.160	255.680	255	40	49.160
12	BK-49	202464.34000	2292796.90100	BK-48-BK-49	33.697	9.522	9	31	20.414	189.522	189	31	20.414
13	BK-50	202447.67100	2292803.51800	BK-49-BK-50	17.934	291.651	291	39	4.741	111.651	111	39	4.741
14	BK-51	202458.12100	2292806.03100	BK-50-BK-51	10.748	76.478	76	28	42.054	256.478	256	28	42.054
15	BK-52	202481.53700	2292808.02500	BK-51-BK-52	23.501	85.133	85	7	57.700	265.133	265	7	57.700
16	BK-53	202491.29690	2292821.90180	BK-52-BK-53	16.965	35.120	35	7	10.839	215.120	215	7	10.839
17	BK-54	202487.85660	2292834.06430	BK-53-BK-54	12.640	344.206	344	12	21.050	164.206	164	12	21.050
18	BK-55	202477.46530	2292845.89480	BK-54-BK-55	15.746	318.706	318	42	20.157	138.706	138	42	20.157
19	BK-56	202484.68130	2292854.60170	BK-55-BK-56	11.308	39.651	39	39	3.067	219.651	219	39	3.067
20	BK-57	202517.37500	2292840.13810	BK-56-BK-57	35.750	293.864	293	51	52.065	113.864	113	51	52.065
21	BK-58	202526.88610	2292857.59520	BK-57-BK-58	19.880	28.583	28	34	57.874	208.583	208	34	57.874
22	BK-59	202490.39040	2292874.16720	BK-58-BK-59	40.082	294.422	294	25	18.808	114.422	114	25	18.808
23	BK-60	202490.78940	2292899.43500	BK-59-BK-60	25.271	0.905	0	54	16.826	180.905	180	54	16.826
24	BK-61	202488.14170	2292915.94090	BK-60-BK-61	16.717	350.887	350	53	12.690	170.887	170	53	12.690
25	BK-62	202507.99030	2292930.17550	BK-61-BK-62	24.425	54.353	54	21	12.472	234.353	234	21	12.472
26	BK-63	202530.69310	2292926.38260	BK-62-BK-63	23.017	279.485	279	29	4.798	99.485	99	29	4.798
27	BK-64	202585.47070	2292923.44410	BK-63-BK-64	54.856	273.071	273	4	14.313	93.071	93	4	14.313
28	BK-65	202592.68300	2292953.43960	BK-64-BK-65	30.850	13.520	13	31	11.628	193.520	193	31	11.628
29	BK-66	202596.09470	2292967.81010	BK-65-BK-66	14.770	13.355	13	21	19.208	193.355	193	21	19.208
30	BK-67	202611.67450	2292982.66500	BK-66-BK-67	21.527	46.364	46	21	51.929	226.364	226	21	51.929
31	BK-68	202600.76760	2293020.47470	BK-67-BK-68	39.351	343.909	343	54	31.773	163.909	163	54	31.773
32	BK-69	202586.49100	2293073.67800	BK-68-BK-69	55.086	344.979	344	58	44.702	164.979	164	58	44.702
33	BK-70	202557.92030	2293095.89250	BK-69-BK-70	36.191	307.866	307	51	57.750	127.866	127	51	57.750
34	BK-71	202560.14990	2293107.37590	BK-70-BK-71	11.698	10.988	10	59	15.917	190.988	190	59	15.917
35	BK-72	202530.25410	2293109.77230	BK-71-BK-72	29.992	274.583	274	34	58.584	94.583	94	34	58.584
36	BK-73	202528.40550	2293129.34280	BK-72-BK-73	19.658	354.604	354	36	14.175	174.604	174	36	14.175
37	BK-74	202491.49580	2293124.58070	BK-73-BK-74	37.216	82.648	82	38	53.864	262.648	262	38	53.864
38	BK-75	202453.89930	2293120.74500	BK-74-BK-75	37.792	84.175	84	10	28.848	264.175	264	10	28.848
39	BK-76	202466.59120	2293198.39500	BK-75-BK-76	78.680	9.283	9	16	58.491	189.283	189	16	58.491
40	BK-77	202473.48410	2293225.40350	BK-76-BK-77	27.874	14.317	14	19	1.091	194.317	194	19	1.091
41	BK-78	202476.67530	2293241.93830	BK-77-BK-78	16.840	10.924	10	55	25.388	190.924	190	55	25.388
42	BK-79	202476.79150	2293250.15000	BK-78-BK-79	8.213	0.811	0	48	38.564	180.811	180	48	38.564
43	BK-80	202461.83510	2293249.61430	BK-79-BK-80	14.966	87.949	87	56	55.279	267.949	267	56	55.279
44	BK-81	202456.15460	2293275.01080	BK-80-BK-81	26.024	347.392	347	23	31.305	167.392	167	23	31.305
45	BK-82	202446.48930	2293277.24820	BK-81-BK-82	9.921	283.034	283	2	1.339	103.034	103	2	1.339
46	BK-83	202444.22980	2293263.88900	BK-82-BK-83	13.549	9.600	9	35	59.406	189.600	189	35	59.406
47	BK-84	202438.32100	2293247.91100	BK-83-BK-84	17.036	20.295	20	17	41.357	200.295	200	17	41.357
48	BK-85	202435.94200	2293247.38100	BK-84-BK-85	2.437	77.441	77	26	26.142	257.441	257	26	26.142
49	BK-86	202416.48570	2293262.15400	BK-85-BK-86	24.429	307.209	307	12	32.716	127.209	127	12	32.716
50	bk-87	202418.42990	2293428.03970	BK-86-bk-87	165.897	0.671	0	40	17.337	180.671	180	40	17.337
51	BK-88	202422.75500	2293660.12590	bk-87-BK-88	232.126	1.068	1	4	3.454	181.068	181	4	3.454
52	BK-89	202579.08400	2293683.79100	BK-88-BK-89	158.110	81.392	81	23	30.898	261.392	261	23	30.898
53	BK-90	202809.20600	2293675.83470	BK-89-BK-90	230.260	271.980	271	58	48.615	91.980	91	58	48.615
54	BK-91	202913.19900	2293672.84300	BK-90-BK-91	104.036	271.648	271	38	52.248	91.648	91	38	52.248
55	BK-92	202941.12750	2293672.11860	BK-91-BK-92	27.938	271.486	271	29	8.828	91.486	91	29	8.828
56	BK-93	202956.38630	2293676.01340	BK-92-BK-93	15.748	75.681	75	40	51.709	255.681	255	40	51.709
57	BK-94	202982.09040	2293707.75350	BK-93-BK-94	40.843	39.002	39	0	5.784	219.002	219	0	5.784
58	BK-95	203004.95100	2293696.01200	BK-94-BK-95	25.700	297.186	297	11	8.228	117.186	117	11	8.228
59	BK-96	203031.61280	2293689.13380	BK-95-BK-96	27.535	284.466	284	27	56.633	104.466	104	27	56.633
60	BK-97	203061.13590	2293628.52270	BK-96-BK-97	67.419	334.030	334	1	46.992	154.030	154	1	46.992
61	BK-98	203067.79350	2293605.33660	BK-97-BK-98	24.123	343.979	343	58	45.263	163.979	163	58	45.263
62	BK-99	203089.66010	2293546.55050	BK-98-BK-99	62.721	339.596	339	35	46.914	159.596	159	35	46.914
63	BK-100	203085.19070	2293514.73660	BK-99-BK-100	32.126	7.997	7	59	48.860	187.997	187	59	48.860
64	BK-101	203106.95270	2293458.53390	BK-100-BK-101	60.269	338.833	338	49	59.944	158.833	158	49	59.944
65	BK-102	203131.84500	2293412.82100	BK-101-BK-102	52.051	331.430	331	25	48.490	151.430	151	25	48.490
66	BK-103	203163.32100	2293359.33100	BK-102-BK-103	62.064	329.525	329	31	31.685	149.525	149	31	31.685
67	DP-49	203119.01740	2293323.54403	BK-103-DP-49	56.952	51.070	51	4	11.556	231.070	231	4	11.556
68	DP-48	203072.50356	2293291.47646	DP-49-DP-48	56.497	55.417	55	25	0.666	235.417	235	25	0.666
69	DP-47	203070.43980	2293269.09267	DP-48-DP-47	22.479	5.268	5	16	3.710	185.268	185	16	3.710
70	DP-46	203087.58484	2293256.71014	DP-47-DP-46	21.149	305.838	305	50	15.551	125.838	125	50	15.551
71	DP-45	203126.21408	2293249.77805	DP-46-DP-45	39.246	280.174	280	10	24.820	100.174	100	10	24.820
72	DP-44	203127.80159	2293223.53133	DP-45-DP-44	26.295	356.539	356	32	19.486	176.539	176	32	19.486
73	DP-43	203130.62263	2293212.42798	DP-44-DP-43	11.456	345.744	345	44	39.846	165.744	165	44	39.846
74	DP-42	203136.05660	2293191.04043	DP-43-DP-42	22.067	345.744	345	44	39.846	165.744	165	44	39.846
75	DP-41	203124.62658	2293150.18868	DP-42-DP-41	42.421	15.631	15	37	52.444	195.631	195	37	52.444
76	DP-40	203119.75824	2293119.60279	DP-41-DP-40	30.971	9.044	9	2	37.958	189.044	189	2	37.958
77	DP-39	203187.17420	2293047.63598	DP-40-DP-39	98.611	316.870	316	52	12.147	136.870	136	52	12.147
78	DP-38	203197.86339	2293028.48010	DP-39-DP-38	21.936	330.838	330	50	16.800	150.838	150	50	16.800
79	DP-37	203184.56640	2293009.25830	DP-38-DP-37	23.373	34.674	34	40	27.013	214.674	214	40	27.013
80	DP-36	203175.74418	2293000.54005	DP-37-DP-36	12.403	45.340	45	20	22.576	225.340	225	20	22.576
81	DP-35	203161.66832	2292963.07497	DP-36-DP-35	40.022	20.592	20	35	29.441	200.592	200	35	29.441
82	DP-34	203141.45411	2292916.82571	DP-35-DP-34	50.474	23.609	23	36	31.466	203.609	203	36	31.466
83	DP-33	203125.15575	2292914.60321	DP-34-DP-33	16.449	82.235	82	14	5.402	262.235	262	14	5.402
84	DP-32	203097.21569	2292871.95229	DP-33-DP-32	50.988	33.228	33	13	41.811	213.228	213	13	41.811
85	DP-31	203085.46817	2292870.68229	DP-32-DP-31	11.816	83.830	83	49	47.370	263.830	263	49	47.370
86	DP-30	203073.08564	2292851.52642	DP-31-DP-30	22.810	32.879	32	52	44.344	212.879	212	52	44.344
87	DP-29	203057.42228	2292818.92969	DP-30-DP-29	36.165	25.665	25	39	54.689	205.665	205	39	54.689
88	DP-28	203058.69228	2292773.73876	DP-29-DP-28	45.209	358.390	358	23	24.856	178.390	178	23	24.856
89	DP-27	203023.76721	2292738.91953	DP-28-DP-27	49.317	45.087	45	5	12.996	225.087	225	5	12.996
90	DP-26	202978.47045	2292665.25938	DP-27-DP-26	86.473	31.589	31	35	20.855	211.589	211	35	20.855
91	DP-25	202961.76560	2292611.36371	DP-26-DP-25	56.425	17.221	17	13	14.595	197.221	197	13	14.595
92	BK-38	202422.24980	2292621.41050	DP-25-BK-38	539.609	271.067	271	4	0.592	91.067	91	4	0.592
Total (Patch-21)					4026.644	Say - 4027m. Or 4.027Km.							

DGPS Surveyed Co-ordinate for C.A. Pillar

Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
41	BK-88	20° 43' 07.90071" N	84° 08' 34.55457" E	202422.755	2293660.126	Banki-1
42	BK-90	20° 43' 08.63261" N	84° 08' 47.88979" E	202809.206	2293675.835	Banki-1
43	BK-92	20° 43' 08.58743" N	84° 08' 52.44753" E	202941.1275	2293672.119	Banki-1
44	BK-93	20° 43' 08.72271" N	84° 08' 52.97208" E	202956.3863	2293676.013	Banki-1
45	BK-94	20° 43' 09.76863" N	84° 08' 53.84037" E	202982.0904	2293707.754	Banki-1
46	BK-96	20° 43' 09.19205" N	84° 08' 55.56180" E	203031.6128	2293689.134	Banki-1
47	BK-97	20° 43' 07.23976" N	84° 08' 56.61816" E	203061.1359	2293628.523	Banki-1
48	BK-98	20° 43' 06.49028" N	84° 08' 56.86217" E	203067.7935	2293605.337	Banki-1
49	BK-99	20° 43' 04.59289" N	84° 08' 57.65301" E	203089.6601	2293546.551	Banki-1
50	BK-100	20° 43' 03.55674" N	84° 08' 57.51803" E	203085.1907	2293514.737	Banki-1
51	BK-101	20° 43' 01.74322" N	84° 08' 58.30369" E	203106.9527	2293458.534	Banki-1

Map Showing Revenue Forest Land of the area 66.8941Ha, in Banki village, Sheet No.-01, under Boudh Forest Division for Proposed Compensatory Afforestation in Leiu of 302.329 Ha, Diversion of Forest Land for the construction of Khurda Road - Bolangir New B.G. Rail link project of East Coast Railway.



DGPS Surveyed Co-ordinate for C.A. Pillar

Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	BK-38	20° 42' 34.15382" N	84° 08' 35.17026" E	202422.2498	2292621.411	Banki-1
2	BK-39	20° 42' 34.15429" N	84° 08' 35.04961" E	202418.7569	2292621.486	Banki-1
3	BK-40	20° 42' 34.65234" N	84° 08' 34.98882" E	202417.2676	2292636.843	Banki-1
4	BK-42	20° 42' 35.80353" N	84° 08' 35.23740" E	202425.0895	2292672.138	Banki-1
5	BK-43	20° 42' 36.31826" N	84° 08' 34.92459" E	202416.3125	2292688.136	Banki-1
6	BK-45	20° 42' 38.36391" N	84° 08' 35.37938" E	202430.5904	2292750.849	Banki-1
7	BK-47	20° 42' 38.71815" N	84° 08' 36.04055" E	202449.9247	2292761.411	Banki-1
8	BK-48	20° 42' 38.79654" N	84° 08' 36.34444" E	202458.7654	2292763.668	Banki-1
9	BK-57	20° 42' 41.31456" N	84° 08' 38.32163" E	202517.375	2292840.138	Banki-1
10	BK-56	20° 42' 41.76572" N	84° 08' 37.18391" E	202484.6813	2292854.602	Banki-1
11	BK-55	20° 42' 41.47871" N	84° 08' 36.94004" E	202477.4653	2292845.895	Banki-1
12	BK-54	20° 42' 41.10030" N	84° 08' 37.30606" E	202487.8566	2292834.064	Banki-1
13	BK-53	20° 42' 40.70713" N	84° 08' 37.43227" E	202491.2969	2292821.902	Banki-1
14	BK-59	20° 42' 42.40465" N	84° 08' 37.36912" E	202490.3904	2292874.167	Banki-1
15	BK-58	20° 42' 41.88717" N	84° 08' 38.63941" E	202526.8861	2292857.595	Banki-1
16	BK-60	20° 42' 43.22580" N	84° 08' 37.36750" E	202490.7894	2292899.435	Banki-1
17	BK-61	20° 42' 43.76054" N	84° 08' 37.26602" E	202488.1417	2292915.941	Banki-1
18	BK-62	20° 42' 44.23438" N	84° 08' 37.94272" E	202507.9903	2292930.176	Banki-1
19	BK-63	20° 42' 44.12417" N	84° 08' 38.72896" E	202530.6931	2292926.383	Banki-1
20	BK-64	20° 42' 44.06010" N	84° 08' 40.62223" E	202585.4707	2292923.444	Banki-1
21	BK-65	20° 42' 45.03875" N	84° 08' 40.85300" E	202592.683	2292953.44	Banki-1
22	BK-66	20° 42' 45.50759" N	84° 08' 40.96205" E	202596.0947	2292967.81	Banki-1
23	BK-67	20° 42' 45.99914" N	84° 08' 41.49098" E	202611.6745	2292982.665	Banki-1
24	BK-68	20° 42' 47.22128" N	84° 08' 41.09133" E	202600.7676	2293020.475	Banki-1
25	BK-70	20° 42' 49.64696" N	84° 08' 39.56585" E	202557.9203	2293095.893	Banki-1
26	BK-71	20° 42' 50.02132" N	84° 08' 39.63585" E	202560.1499	2293107.376	Banki-1
27	BK-72	20° 42' 50.08203" N	84° 08' 38.60207" E	202530.2541	2293109.772	Banki-1
28	BK-73	20° 42' 50.71680" N	84° 08' 38.52631" E	202528.4055	2293129.343	Banki-1
29	BK-74	20° 42' 50.54092" N	84° 08' 37.25470" E	202491.4958	2293124.581	Banki-1
30	BK-75	20° 42' 50.39475" N	84° 08' 35.95881" E	202453.8993	2293120.745	Banki-1
31	BK-76	20° 42' 52.92478" N	84° 08' 36.34975" E	202466.5912	2293198.395	Banki-1
32	BK-77	20° 42' 53.80620" N	84° 08' 36.57130" E	202473.4841	2293225.404	Banki-1
33	BK-78	20° 42' 54.34523" N	84° 08' 36.67142" E	202476.6753	2293241.938	Banki-1
34	BK-79	20° 42' 54.61209" N	84° 08' 36.67043" E	202476.7915	2293250.15	Banki-1
35	BK-80	20° 42' 54.58610" N	84° 08' 36.15430" E	202461.8351	2293249.614	Banki-1
36	BK-81	20° 42' 55.40795" N	84° 08' 35.94267" E	202456.1546	2293275.011	Banki-1
37	BK-82	20° 42' 55.47510" N	84° 08' 35.60755" E	202446.4893	2293277.248	Banki-1
38	BK-83	20° 42' 55.03978" N	84° 08' 35.53767" E	202444.2298	2293263.889	Banki-1
39	BK-86	20° 42' 54.96750" N	84° 08' 34.58071" E	202416.4857	2293262.154	Banki-1
40	bk-87	20° 43' 00.35803" N	84° 08' 34.54672" E	202418.4299	2293428.04	Banki-1

Derived Co-ordinate for C.A. Pillar

Sl_No	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	DP-25	20°42'34.12800"	84°08'53.80800"	202961.7656	2292611.364	Banki-1
2	DP-26	20°42'35.89200"	84°08'54.34800"	202978.4705	2292665.259	Banki-1
3	DP-27	20°42'38.30400"	84°08'55.86000"	203023.7672	2292738.92	Banki-1
4	DP-28	20°42'39.45600"	84°08'57.04800"	203058.6923	2292773.739	Banki-1
5	DP-29	20°42'40.93200"	84°08'56.97600"	203057.4223	2292818.93	Banki-1
6	DP-30	20°42'42.01200"	84°08'57.51600"	203073.0856	2292851.526	Banki-1
7	DP-31	20°42'42.62400"	84°08'57.91200"	203085.4682	2292870.682	Banki-1
8	DP-32	20°42'42.69600"	84°08'58.30800"	203097.2157	2292871.952	Banki-1
9	DP-33	20°42'44.06400"	84°08'59.28000"	203125.1557	2292914.603	Banki-1
10	DP-34	20°42'44.17200"	84°08'59.82000"	203141.4541	2292916.826	Banki-1
11	DP-35	20°42'45.68400"	84°09'00.50400"	203161.6683	2292963.075	Banki-1
12	DP-36	20°42'46.90800"	84°09'00.97200"	203175.7442	2293000.54	Banki-1
13	DP-37	20°42'47.19600"	84°09'01.26000"	203184.5664	2293009.258	Banki-1
14	DP-38	20°42'47.80800"	84°09'01.69200"	203197.8634	2293028.48	Banki-1
15	DP-39	20°42'48.45600"	84°09'01.33200"	203187.1742	2293047.636	Banki-1
16	DP-40	20°42'50.72400"	84°08'58.95600"	203119.7582	2293119.603	Banki-1
17	DP-41	20°42'51.73200"	84°08'59.10000"	203124.6266	2293150.189	Banki-1
18	DP-42	20°42'53.06400"	84°08'59.46000"	203136.0566	2293191.04	Banki-1
19	DP-43	20°42'53.74800"	84°08'59.28000"	203130.6226	2293212.428	Banki-1
20	DP-44	20°42'54.10800"	84°08'59.17200"	203127.8016	2293223.531	Banki-1
21	DP-45	20°42'54.97200"	84°08'59.10000"	203126.2141	2293249.778	Banki-1
22	DP-46	20°42'55.18800"	84°08'57.76800"	203087.5848	2293256.71	Banki-1
23	DP-47	20°42'55.58400"	84°08'57.15600"	203070.4398	2293269.093	Banki-1
24	DP-48	20°42'56.30400"	84°08'57.22800"	203072.5036	2293291.476	Banki-1
25	DP-49	20°42'57.34800"	84°08'58.81200"	203119.0174	2293323.544	Banki-1

N W E S

0 50 100 200 300 400
Meters

DGPS Surveyed Co-ordinate for Geo-referenced

Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	BNK-25	20° 43' 04.86798" N	84° 07' 50.34979" E	201141.36730	2293589.45120	Banki-1
2	BNK-26	20° 42' 50.37810" N	84° 08' 14.25589" E	201825.56970	2293131.33430	Banki-1
3	BNK-27	20° 42' 51.32806" N	84° 08' 31.66399" E	202330.06720	2293151.65830	Banki-1
4	BNK-28	20° 42' 40.74991" N	84° 08' 17.28305" E	201907.97080	2292833.52160	Banki-1
5	BNK-29	20° 42' 39.28306" N	84° 08' 28.52028" E	202232.50810	2292782.63750	Banki-1
6	BNK-30	20° 42' 47.19112" N	84° 09' 01.25696" E	203184.56640	2293009.25830	Banki-1

ETS Surveyed Co-ordinate for C.A. Pillar

Sl_No	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	BK-41	20°42'34.88400"	84°08'34.69200"	202408.77400	2292643.84300	Banki-1
2	BK-44	20°42'37.29600"	84°08'35.23200"	202426.10700	2292718.19000	Banki-1
3	BK-46	20°42'39.02400"	84°08'35.88000"	202445.42000	2292770.57700	Banki-1
4	BK-49	20°42'39.88800"	84°08'36.52800"	202464.34000	2292796.90100	Banki-1
5	BK-50	20°42'40.06800"	84°08'35.95200"	202447.67100	2292803.51800	Banki-1
6	BK-51	20°42'40.17600"	84°08'36.31200"	202458.12100	2292806.03100	Banki-1
7	BK-52	20°42'40.24800"	84°08'37.10400"	202481.53700	2292808.02500	Banki-1
8	BK-69	20°42'48.92400"	84°08'40.56000"	202586.49100	2293073.67800	Banki-1
9	BK-84	20°42'54.50400"	84°08'35.34000"	202438.32100	2293247.91100	Banki-1
10	BK-85	20°42'54.50400"	84°08'35.26800"	202435.94200	2293247.38100	Banki-1
11	BK-89	20°43'08.76000"	84°08'39.94800"	202579.08400	2293683.79100	Banki-1
12	BK-91	20°43'08.58000"	84°08'51.46800"	202913.19900	2293672.84300	Banki-1
13	BK-95	20°43'09.40800"	84°08'54.63600"	203004.95100	2293696.01200	Banki-1
14	BK-102	20°43'00.26400"	84°08'59.20800"	203131.84500	2293412.82100	Banki-1
15	BK-103	20°42'58.53600"	84°09'00.32400"	203163.32100	2293359.33100	Banki-1

Area Statistics

Sl.No.	Mouza Name	Plot No.	Kissam	Alloted Area in Ha	Map Area in Ha.
1	Banki	70	Patra Jungle	17.06	17.06
2	Banki	71	Patra Jungle	13.93	13.939
3	Banki	105	Patra Jungle	12.732	12.732
4	Banki	193	Patra Jungle	11.619	11.619
5	Banki	210	Patra Jungle	11.553	11.553
Total Area				66.894	66.903

Legend

- DGPS Surveyed Geo-referenced Point.
- DGPS/ETS Surveyed Point for C.A. Pillar
- Derived point for C.A. Pillar
- C. A. Boundary
- Mouza Boundary.

ORISSA SPACE APPLICATIONS CENTRE, BHUBANESWAR — Map No. FDL-735/… Date 23.06.2021 — Auth. Signatory

TAHASILDAR BOUDH

Forest Range Officer Boudh

Dy. Chief Engineer (Con) E.Co.Rly., Boudh

For Pioneer Surveyors
Authorized Signatory

User Agency :

भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA

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"Pioneer Tower", AB-109, AA-1
Premises No. 20-085, Newtown
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Street No.85, Kolkata - 700156
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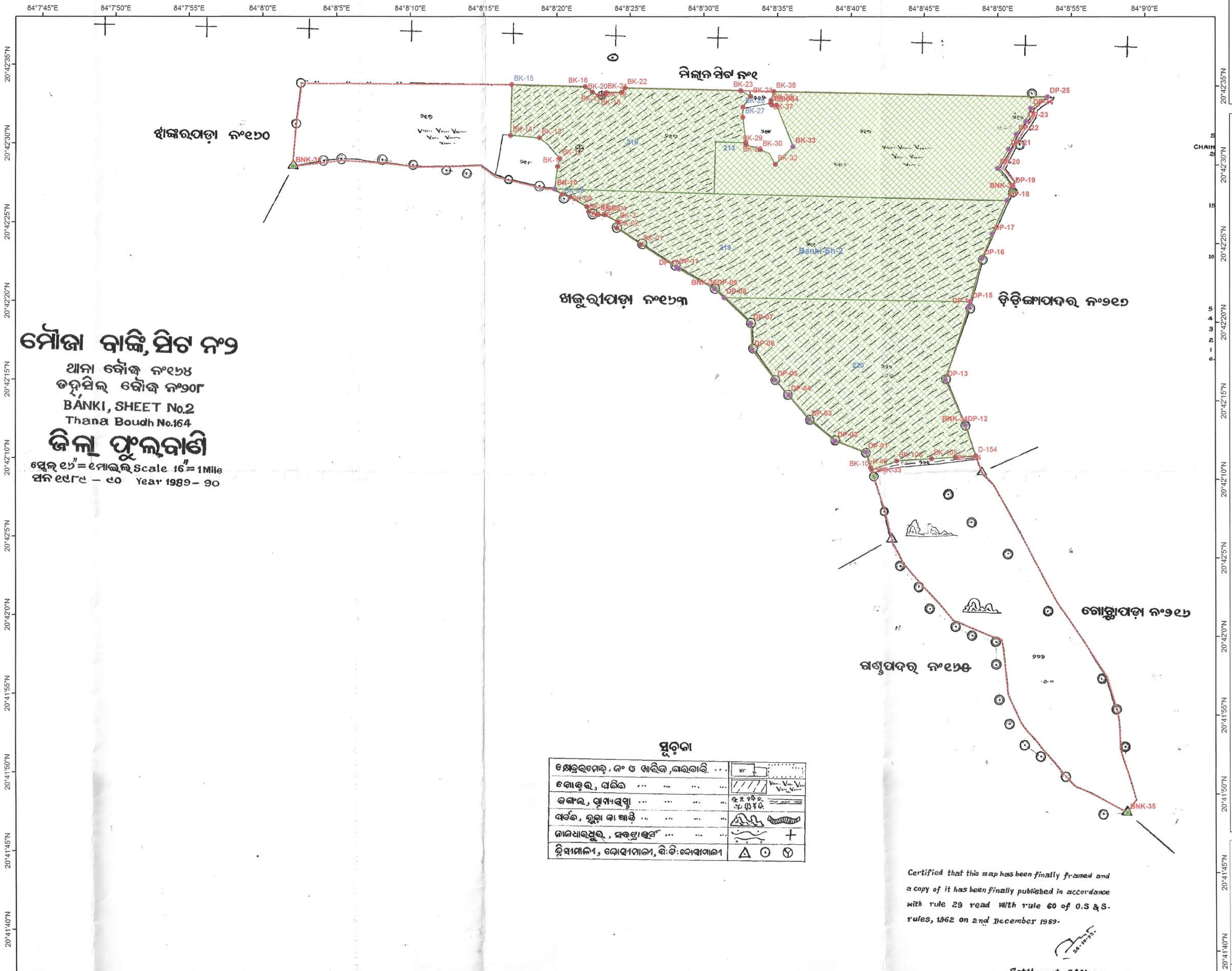
Fax : 033 25784201
email: pioneer.surveyors@gmail.com
Br.Office : Plot No. 344/3364, Jaydev Vihar,
P.O.- RRL, Bhubaneswar - 751013.
email : pioneer.bbsr13@gmail.com

Sl. No.	PILLAR No.	Co-ordinates X (Easting)	Co-ordinates Y (Northing)	Distance Between	Distance in Meter	Fore Bearing Deg.	d	m	s	Back Bearing Deg	d	m	s
1	DP-25	202961.76560	2292611.36371		0.000								
2	DP-24	202928.41119	2292589.05923	DP-25-DP-24	40.125	56.229	56	13	44.011	236.229	236	13	44.011
3	DP-23	202918.88617	2292563.65917	DP-24-DP-23	27.127	20.556	20	33	21.763	200.556	200	33	21.763
4	DP-22	202899.83613	2292538.36496	DP-23-DP-22	31.665	36.985	36	59	5.264	216.985	216	59	5.264
5	DP-21	202884.80777	2292509.26073	DP-22-DP-21	32.755	27.310	27	18	36.668	207.310	207	18	36.668
6	DP-20	202863.42939	2292472.00732	DP-21-DP-20	42.952	29.850	29	50	59.808	209.850	209	50	59.808
7	DP-19	202893.84000	2292436.56505	DP-20-DP-19	46.701	319.369	319	22	9.653	139.369	139	22	9.653
8	DP-18	202882.11119	2292409.15379	DP-19-DP-18	29.815	23.165	23	9	54.939	203.165	203	9	54.939
9	DP-17	202853.13708	2292343.85393	DP-18-DP-17	71.439	23.927	23	55	38.184	203.927	203	55	38.184
10	DP-16	202833.02870	2292295.69966	DP-17-DP-16	52.184	22.665	22	39	52.407	202.665	202	39	52.407
11	DP-15	202809.79493	2292210.97852	DP-16-DP-15	87.849	15.336	15	20	8.396	195.336	195	20	8.396
12	DP-14	202806.83490	2292200.18489	DP-15-DP-14	11.192	15.336	15	20	8.396	195.336	195	20	8.396
13	DP-13	202761.06189	2292057.83877	DP-14-DP-13	149.525	17.826	17	49	32.820	197.826	197	49	32.820
14	DP-12	202799.96670	2291969.32630	DP-13-DP-12	96.685	336.273	336	16	21.257	156.273	156	16	21.257
15	D-154	202820.49410	2291908.97590	DP-12-D-154	63.746	341.215	341	12	53.764	161.215	161	12	53.764
16	BK-104	202780.15030	2291906.21790	D-154-BK-104	40.438	86.089	86	5	21.143	266.089	266	5	21.143
17	BK-105	202733.46600	2291903.32660	BK-104-BK-105	46.774	86.456	86	27	21.692	266.456	266	27	21.692
18	BK-106	202664.76450	2291899.05600	BK-105-BK-106	68.834	86.443	86	26	34.712	266.443	266	26	34.712
19	BK-107	202615.00630	2291881.21560	BK-106-BK-107	52.860	70.275	70	16	30.416	250.275	250	16	30.416
20	K-46	202612.91710	2291885.52070	BK-107-K-46	4.785	334.113	334	6	48.245	154.113	154	6	48.245
21	DP-01	202603.80647	2291915.70432	K-46-DP-01	31.529	343.204	343	12	14.699	163.204	163	12	14.699
22	DP-02	202543.28292	2291937.86322	DP-01-DP-02	64.452	290.109	290	6	31.320	110.109	110	6	31.320
23	DP-03	202492.35052	2291979.53518	DP-02-DP-03	65.808	309.289	309	17	21.865	129.289	129	17	21.865
24	DP-04	202451.67075	2292028.48319	DP-03-DP-04	63.646	320.271	320	16	14.415	140.271	140	16	14.415
25	DP-05	202425.21237	2292057.58742	DP-04-DP-05	39.333	317.726	317	43	34.720	137.726	137	43	34.720
26	DP-06	202380.23311	2292116.45733	DP-05-DP-06	74.086	322.619	322	37	6.767	142.619	142	37	6.767
27	DP-07	202377.58727	2292168.05118	DP-06-DP-07	51.662	357.064	357	3	51.576	177.064	177	3	51.576
28	DP-08	202324.45352	2292218.56183	DP-07-DP-08	73.311	313.550	313	33	0.814	133.550	133	33	0.814
29	DP-09	202306.25260	2292235.86420	DP-08-DP-09	25.113	313.550	313	33	0.814	133.550	133	33	0.814
30	DP-10	202236.27309	2292274.67539	DP-09-DP-10	80.021	299.013	299	0	47.157	119.013	119	0	47.157
31	DP-11	202231.73542	2292277.19202	DP-10-DP-11	5.189	299.013	299	0	47.157	119.013	119	0	47.157
32	BK-01	202161.78840	2292322.75340	DP-11-BK-01	83.477	303.079	303	4	44.428	123.079	123	4	44.428
33	BK-02	202113.88020	2292355.09950	BK-01-BK-02	57.805	304.026	304	1	33.513	124.026	124	1	33.513
34	BK-03	202115.55330	2292367.50510	BK-02-BK-03	12.518	7.681	7	40	51.370	187.681	187	40	51.370
35	BK-04	202089.68090	2292380.61350	BK-03-BK-04	29.004	296.869	296	52	9.534	116.869	116	52	9.534
36	BK-05	202076.93120	2292381.43590	BK-04-BK-05	12.776	273.691	273	41	26.391	93.691	93	41	26.391
37	BK-06	202058.51680	2292386.74780	BK-05-BK-06	19.165	286.091	286	5	27.496	106.091	106	5	27.496
38	BK-07	202055.32190	2292396.46040	BK-06-BK-07	10.225	341.792	341	47	30.111	161.792	161	47	30.111
39	BK-08	202022.12280	2292415.53880	BK-07-BK-08	38.291	299.885	299	53	4.293	119.885	119	53	4.293
40	BK-09	202006.26600	2292421.04100	BK-08-BK-09	16.784	289.136	289	8	11.115	109.136	109	8	11.115
41	BK-10	201991.42620	2292431.26560	BK-09-BK-10	18.021	304.567	304	34	0.421	124.567	124	34	0.421
42	BK-11	201997.55720	2292475.31510	BK-10-BK-11	44.474	7.924	7	55	25.568	187.924	187	55	25.568
43	BK-12	202001.52970	2292490.50620	BK-11-BK-12	15.702	14.655	14	39	17.226	194.655	194	39	17.226
44	BK-13	201961.19020	2292530.59730	BK-12-BK-13	56.873	314.823	314	49	22.979	134.823	134	49	22.979
45	BK-14	201903.83160	2292535.30950	BK-13-BK-14	57.552	274.696	274	41	47.372	94.696	94	41	47.372
46	BK-15	201905.92100	2292634.89400	BK-14-BK-15	99.606	1.202	1	12	7.044	181.202	181	12	7.044
47	BK-16	202051.56830	2292631.10320	BK-15-BK-16	145.697	271.491	271	29	27.296	91.491	91	29	27.296
48	BK-17	202065.77680	2292620.21650	BK-16-BK-17	17.900	307.460	307	27	34.956	127.460	127	27	34.956
49	BK-18	202077.63450	2292613.07290	BK-17-BK-18	13.843	301.067	301	3	59.791	121.067	121	3	59.791
50	BK-19	202088.80960	2292614.67510	BK-18-BK-19	11.289	81.841	81	50	27.502	261.841	261	50	27.502
51	BK-20	202093.10810	2292619.34430	BK-19-BK-20	6.347	42.633	42	37	58.433	222.633	222	37	58.433
52	BK-21	202122.84120	2292619.77480	BK-20-BK-21	29.736	89.170	89	10	13.739	269.170	269	10	13.739
53	BK-22	202129.81880	2292628.58860	BK-21-BK-22	11.241	38.368	38	22	3.067	218.368	218	22	3.067
54	BK-23	202357.17340	2292623.35730	BK-22-BK-23	227.415	271.318	271	19	5.199	91.318	91	19	5.199
55	BK-24	202376.89900	2292611.81350	BK-23-BK-24	22.855	300.337	300	20	13.166	120.337	120	20	13.166
56	BK-26	202361.40100	2292591.08100	BK-24-BK-26	25.885	36.779	36	46	44.124	216.779	216	46	44.124
57	BK-27	202361.13000	2292571.11500	BK-26-BK-27	19.968	0.778	0	46	39.476	180.778	180	46	39.476
58	BK-28	202367.06370	2292521.32710	BK-27-BK-28	50.140	353.204	353	12	12.858	173.204	173	12	12.858
59	BK-29	202367.40580	2292517.81520	BK-28-BK-29	3.529	354.436	354	26	10.597	174.436	174	26	10.597
60	BK-30	202395.55960	2292507.55790	BK-29-BK-30	29.964	290.018	290	1	5.687	110.018	110	1	5.687
61	BK-32	202425.60120	2292479.72240	BK-30-BK-32	40.955	312.817	312	49	1.614	132.817	132	49	1.614
62	BK-33	202459.62374	2292513.46306	BK-32-BK-33	47.916	45.238	45	14	18.022	225.238	225	14	18.022
63	BK-34	202427.46480	2292594.53440	BK-33-BK-34	87.217	338.363	338	21	46.914	158.363	158	21	46.914
64	BK-35	202418.82010	2292594.95610	BK-34-BK-35	8.655	272.793	272	47	33.903	92.793	92	47	33.903
65	BK-36	202416.19890	2292598.50750	BK-35-BK-36	4.414	323.570	323	34	11.596	143.570	143	34	11.596
66	BK-37	202416.72910	2292604.08590	BK-36-BK-37	5.604	5.429	5	25	45.759	185.429	185	25	45.759
67	BK-38	202422.24980	2292621.41050	BK-37-BK-38	18.183	17.675	17	40	30.464	197.675	197	40	30.464
68	DP-25	202961.76560	2292611.36371	BK-38-DP-25	539.609	271.067	271	4	0.592	91.067	91	4	0.592
Total (Patch-21)					3512.237	Say - 3513m. Or 3.513Km.							

DGPS Surveyed Co-ordinate for C.A. Pillar

Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	BK-01	20° 42' 24.30143" N	84° 08' 26.35882" E	202161.78840	2292322.75340	Banki-2
2	BK-02	20° 42' 25.32482" N	84° 08' 24.68488" E	202113.88020	2292355.09950	Banki-2
3	BK-3	20° 42' 25.72883" N	84° 08' 24.73508" E	202115.55330	2292367.50510	Banki-2
4	BK-04	20° 42' 26.13985" N	84° 08' 23.83374" E	202089.68090	2292380.61350	Banki-2
5	BK-05	20° 42' 26.15925" N	84° 08' 23.39301" E	202076.93120	2292381.43590	Banki-2
6	BK-06	20° 42' 26.32126" N	84° 08' 22.75394" E	202058.51680	2292386.74780	Banki-2
7	BK-07	20° 42' 26.63498" N	84° 08' 22.63770" E	202055.32190	2292396.46040	Banki-2
8	BK-08	20° 42' 27.23575" N	84° 08' 21.47973" E	202022.12280	2292415.53880	Banki-2
9	BK-11	20° 42' 29.16370" N	84° 08' 20.59503" E	201997.55720	2292475.31510	Banki-2
10	BK-12	20° 42' 29.65952" N	84° 08' 20.72293" E	202001.52970	2292490.50620	Banki-2
11	BK-13	20° 42' 30.93887" N	84° 08' 19.30558" E	201961.19020	2292530.59730	Banki-2
12	BK-14	20° 42' 31.05902" N	84° 08' 17.32216" E	201903.83160	2292535.30950	Banki-2
13	BK-16	20° 42' 34.25606" N	84° 08' 22.36494" E	202051.56830	2292631.10320	Banki-2
14	BK-17	20° 42' 33.91052" N	84° 08' 22.86219" E	202065.77680	2292620.21650	Banki-2
15	BK-18	20° 42' 33.68524" N	84° 08' 23.27599" E	202077.63450	2292613.07290	Banki-2
16	BK-19	20° 42' 33.74371" N	84° 08' 23.66088" E	202088.80960	2292614.67510	Banki-2
17	BK-20	20° 42' 33.89788" N	84° 08' 23.80646" E	202093.10810	2292619.34430	Banki-2
18	BK-21	20° 42' 33.92893" N	84° 08' 24.83286" E	202122.84120	2292619.77480	Banki-2
19	BK-22	20° 42' 34.21928" N	84° 08' 25.06841" E	202129.81880	2292628.58860	Banki-2
20	BK-23	20° 42' 34.17976" N	84° 08' 32.92202" E	202357.17340	2292623.35730	Banki-2
21	BK-24	20° 42' 33.81602" N	84° 08' 33.61017" E	202376.89900	2292611.81350	Banki-2
22	BK-28	20° 42' 30.87059" N	84° 08' 33.32571" E	202367.06370	2292521.32710	Banki-2
23	BK-29	20° 42' 30.75669" N	84° 08' 33.33966" E	202367.40580	2292517.81520	Banki-2
24	BK-30	20° 42' 30.43958" N	84° 08' 34.31804" E	202395.55960	2292507.55790	Banki-2
25	BK-32	20° 42' 29.55247" N	84° 08' 35.37232" E	202425.60120	2292479.72240	Banki-2
26	BK-34	20° 42' 33.28364" N	84° 08' 35.36671" E	202427.46480	2292594.53440	Banki-2
27	BK-35	20° 42' 33.29239" N	84° 08' 35.06795" E	202418.82010	2292594.95610	Banki-2
28	BK-36	20° 42' 33.40626" N	84° 08' 34.97528" E	202416.19890	2292598.50750	Banki-2
29	BK-37	20° 42' 33.58780" N	84° 08' 34.99019" E	202416.72910	2292604.08590	Banki-2
30	BK-38	20° 42' 34.15382" N	84° 08' 35.17026" E	202422.24980	2292621.41050	Banki-2
31	BK-104	20° 42' 11.12307" N	84° 08' 47.96359" E	202780.15030	2291906.21790	Banki-2
32	BK-105	20° 42' 11.00241" N	84° 08' 46.35343" E	202733.46600	2291903.32660	Banki-2
33	BK-106	20° 42' 10.82432" N	84° 08' 43.98390" E	202664.76450	2291899.05600	Banki-2
34	BK-107	20° 42' 10.21621" N	84° 08' 42.27671" E	202615.00630	2291881.21560	Banki-2
35	D-154	20° 42' 11.23577" N	84° 08' 49.35491" E	202820.49410	2291908.97590	Banki-2
36	K-46	20° 42' 10.35488" N	84° 08' 42.20195" E	202612.91710	2291885.52070	Banki-2

Map Showing Revenue Forest Land of the area 42.897Ha, in Banki village, Sheet No.-02, under Boudh Forest Division for Proposed Compensatory Afforestation in Leiu of 302.329 Ha, Diversion of Forest Land for the construction of Khurda Road - Bolangir New B.G. Rail link project of East Coast Railway.



Certified that this map has been finally framed and a copy of it has been finally published in accordance with rule 29 read with rule 60 of O.S & S. rules, 1962 on 2nd December 1989.

24.10.92.

Settlement Officer.

Forest Range Officer
Boudh

TAHASILDAR
BOUDH

उप मुख्य अभियन्ता (निर्माण)
पूर्व तट रेलवे, बौद
Dy. Chief Engineer (Con)
E.Co.Rly., Boudh

For Pioneer Surveyors
Authorized Signatory

ETS Surveyed Co-ordinate for C.A. Pillar

Sl_No	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	BK-09	20°42'27.39600"	84°08'20.94000"	202006.26600	2292421.04100	Banki-2
2	BK-15	20°42'34.30800"	84°08'17.34000"	201905.92100	2292634.89400	Banki-2
3	BK-26	20°42'33.12000"	84°08'33.07200"	202361.40100	2292591.08100	Banki-2
4	BK-27	20°42'32.47200"	84°08'33.10800"	202361.13000	2292571.11500	Banki-2

N W E S

0 50 100 200 300 400
Meters

DGPS Surveyed Co-ordinate for Geo-referenced

Sl_NO	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	BNK-31	20° 42' 28.86240" N	84° 08' 02.57851" E	201475.77570	2292475.26990	Banki-2
2	BNK-32	20° 42' 28.07161" N	84° 08' 51.56572" E	202893.62930	2292425.88960	Banki-2
3	BNK-33	20° 42' 09.80495" N	84° 08' 42.42989" E	202619.21830	2291868.48290	Banki-2
4	BNK-34	20° 42' 13.18474" N	84° 08' 48.60942" E	202799.96670	2291969.32630	Banki-2
5	BNK-35	20° 41' 48.71003" N	84° 09' 00.07051" E	203118.54450	2291210.39370	Banki-2
6	BNK-36	20° 42' 21.56138" N	84° 08' 31.39995" E	202306.25260	2292235.86420	Banki-2

Derived Co-ordinate for C.A. Pillar

Sl_No	Code	Latitude	Longitude	Easting	Northing	Vill_Name
1	DP-01	20°42'11.34000"	84°08'41.85600"	202603.80647	2291915.70432	Banki-2
2	DP-02	20°42'12.02400"	84°08'39.76800"	202543.28292	2291937.86322	Banki-2
3	DP-03	20°42'13.35600"	84°08'37.96800"	202492.35052	2291979.53518	Banki-2
4	DP-04	20°42'14.90400"	84°08'36.56400"	202451.67075	2292028.48319	Banki-2
5	DP-05	20°42'15.84000"	84°08'35.62800"	202425.21237	2292057.58742	Banki-2
6	DP-06	20°42'17.71200"	84°08'34.04400"	202380.23311	2292116.45733	Banki-2
7	DP-07	20°42'19.40400"	84°08'33.90000"	202377.58727	2292168.05118	Banki-2
8	DP-08	20°42'21.02400"	84°08'32.02800"	202324.45352	2292218.56183	Banki-2
9	DP-09	20°42'21.56400"	84°08'31.41600"	202306.25260	2292235.86420	Banki-2
10	DP-10	20°42'22.78800"	84°08'28.96800"	202236.27309	2292274.67539	Banki-2
11	DP-11	20°42'22.86000"	84°08'28.78800"	202231.73542	2292277.19202	Banki-2
12	DP-12	20°42'13.17600"	84°08'48.62400"	202799.96670	2291969.32630	Banki-2
13	DP-13	20°42'16.05600"	84°08'47.22000"	202761.06189	2292057.83877	Banki-2
14	DP-14	20°42'20.70000"	84°08'48.69600"	202806.83490	2292200.18489	Banki-2
15	DP-15	20°42'21.02400"	84°08'48.80400"	202809.79493	2292210.97852	Banki-2
16	DP-16	20°42'23.79600"	84°08'49.56000"	202833.02870	2292295.69966	Banki-2
17	DP-17	20°42'25.38000"	84°08'50.20800"	202853.13708	2292343.85393	Banki-2
18	DP-18	20°42'27.50400"	84°08'51.18000"	202882.11119	2292409.15379	Banki-2
19	DP-19	20°42'28.40400"	84°08'51.57600"	202893.84000	2292436.56505	Banki-2
20	DP-20	20°42'29.55600"	84°08'50.49600"	202863.42939	2292472.00732	Banki-2
21	DP-21	20°42'30.78000"	84°08'51.21600"	202884.80777	2292509.26073	Banki-2
22	DP-22	20°42'31.71600"	84°08'51.72000"	202899.83613	2292538.36496	Banki-2
23	DP-23	20°42'32.58000"	84°08'52.36800"	202918.88617	2292563.65917	Banki-2
24	DP-24	20°42'33.40800"	84°08'52.65600"	202928.41119	2292589.05923	Banki-2
25	DP-25	20°42'34.12800"	84°08'53.80800"	202961.76560	2292611.36371	Banki-2
26	BK-33	20°42'30.67200"	84°08'36.52800"	202459.62374	2292513.46306	Banki-2
27	BK-10	20°42'27.72000"	84°08'20.40000"	201991.42620	2292431.26560	Banki-2

Area Statistics

Sl.No.	Mouza Name	Plot No.	Kissam	Alloted Area in Ha	Map Area in Ha.
6	Banki	219	Patra Jungle	13.694	13.694
7	Banki	213	Patra Jungle	10.516	10.516
8	Banki	220	Patra Jungle	10.925	10.925
9	Banki	216	Patra Jungle	7.762	7.762
Total Area				42.897	42.897

Legend

- DGPS Surveyed Geo-referenced Point.
- DGPS/ETS Surveyed Point for C.A. Pillar
- Derived point for C.A. Pillar
- C. A. Boundary
- Mouza Boundary.

ORISSA SPACE APPLICATIONS CENTRE, BHUBANESWAR
Map No. FDC-735/21
Date 23-06-21
Auth. Signatory

User Agency :

भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA

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