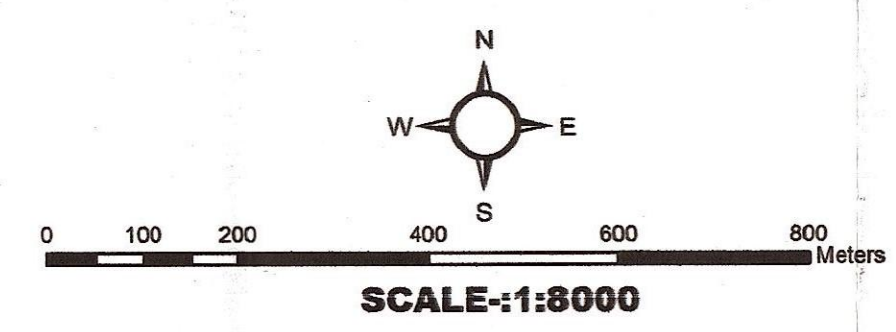
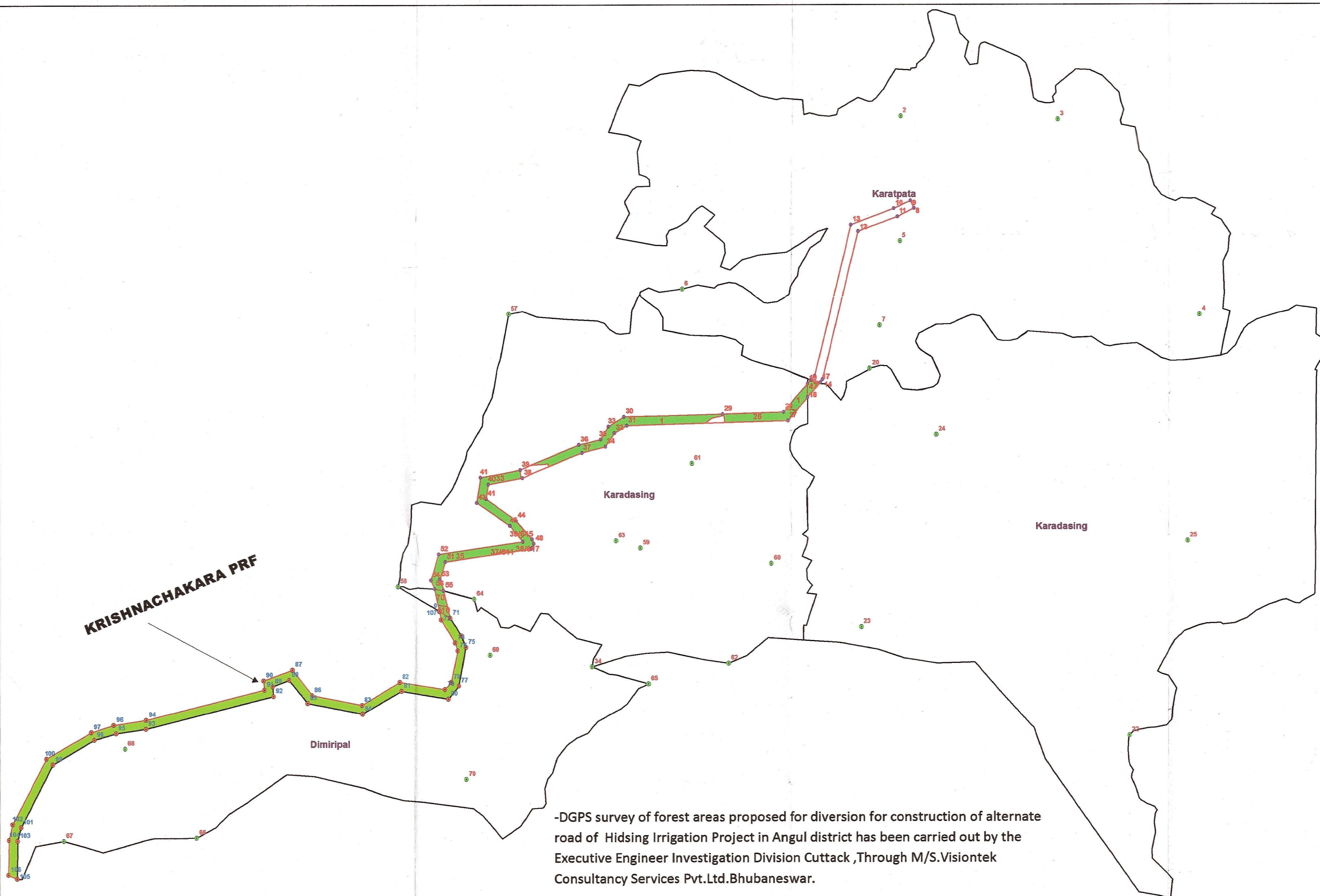


INDEX MAP SHOWING FOREST AREA PROPOSED TO BE DIVERTED IN ALTERNATE ROAD FOR HIDSING IRRIGATION PROJECT IN ANGUL DISTRICT UNDER ANGUL FOREST DIVISION.



DGPS SURVEYED CO-ORDINATE USED FOR GEO-REFERENCING					
Sl No.	Point_id	Latitude	Longitude	Easting	Northing
1	22	20° 42' 52.25975" N	84° 59' 16.56288" E	290460.836	2291854.689
2	23	20° 43' 04.70784" N	84° 58' 43.39589" E	289505.857	2292249.494
3	25	20° 43' 15.27434" N	84° 59' 23.51176" E	290670.706	2292560.021
4	58	20° 43' 08.83075" N	84° 57' 45.96675" E	287845.643	2292397.129
5	62	20° 43' 00.24852" N	84° 58' 27.07473" E	289031.861	2292118.247
6	64	20° 43' 07.46392" N	84° 57' 55.48865" E	288120.646	2292351.626
7	65	20° 42' 57.72230" N	84° 58' 17.19663" E	288745.046	2292044.129
8	69	20° 43' 00.90307" N	84° 57' 57.53092" E	288177.207	2292149.097
9	2	20° 44' 04.88797" N	84° 58' 47.48955" E	289647.419	2294098.908
10	3	20° 44' 04.71759" N	84° 59' 06.84437" E	290207.353	2294086.684
11	5	20° 43' 50.17382" N	84° 58' 47.67930" E	289647.258	2293646.292
12	59	20° 43' 13.71491" N	84° 58' 15.98174" E	288716.055	2292536.438
13	34	20° 42' 59.66522" N	84° 58' 10.19997" E	288543.333	2292106.424
14	24	20° 43' 27.47898" N	84° 58' 52.41837" E	289775.671	2292946.582
15	20	20° 43' 35.15922" N	84° 58' 44.14777" E	289539.308	2293185.781
16	7	20° 43' 40.27304" N	84° 58' 45.28860" E	289574.282	2293342.649
17	6	20° 43' 44.24146" N	84° 58' 20.83366" E	288868.214	2293473.553
18	57	20° 43' 41.07676" N	84° 57' 59.34426" E	288245.203	2293384.022
19	68	20° 42' 49.36230" N	84° 57' 12.36840" E	286865.851	2291810.617
20	66	20° 42' 38.97583" N	84° 57' 21.38986" E	287122.879	2291487.871
21	67	20° 42' 38.40827" N	84° 57' 04.92029" E	286646.057	2291476.437
22	63	20° 43' 14.52847" N	84° 58' 12.97682" E	288629.418	2292562.55
23	61	20° 43' 23.75160" N	84° 58' 22.26142" E	288901.632	2292842.85
24	60	20° 43' 12.05510" N	84° 58' 32.19850" E	289184.668	2292479.514
25	70	20° 42' 46.21532" N	84° 57' 54.79546" E	288092.374	2291698.355
26	4	20° 43' 41.97446" N	84° 59' 24.68248" E	290714.779	2293380.782

AREA STATISTICS OF FOREST PLOTS PROPOSED TO BE DIVERTED FOR DIVERSION FOR ALTERNATE ROAD FOR HIDSING IRRIGATION PROJECT					
Sl No.	Vill. Name	Plot No	Hal. KISS	Sabik. KISSam	Req. Area_Ha
1	Dimiripala	70		Chota Jungle	0.173
2	Dimiripala	110	Jungle	Jungle	0.089
3	Karadasing_Sh_1	35	Chota Jungle		0.059
4	Karadasing_Sh_1	38/617	Chota Jungle		1.306
5	Karadasing_Sh_1	39/615	Chota Jungle		0.006
6	Karadasing_Sh_1	33	Chota Jungle		0.052
7	Karadasing_Sh_1	1	Chota Jungle		1.227
8	Karadasing_Sh_1	26	Chota Jungle		2.319
9	Karadasing_Sh_1	147	Chota Jungle		0.849
10	Karadasing_Sh_1	147	Chota Jungle		0.145
Total=					6.225
					6.200

AREA STATISTICS OF RESERVED FOREST PLOTS PROPOSED TO BE DIVERTED FOR DIVERSION FOR ALTERNATE ROAD FOR HIDSING IRRIGATION PROJECT			
Sl No.	Rf_Name_1	Req Area Ha	Map Area_Ha
1	Krishnachakra PRF	7.169	7.185

Legend

- Road_Alignment_Point
- Geo-Reference-Point
- Reserved_Forest_Point
- Forest_Plots
- Vill_Bnd
- Reserved Forest
- Road Corridor

DGPS SURVEYED CO-ORDINATE USED FOR RESERVED FOREST PILLARS					
Sl No.	Point_id	Latitude	Longitude	Easting	Northing
1	71	20° 43' 05.19081" N	84° 57' 52.53347" E	288034.254	2292282.788
2	73	20° 43' 03.11636" N	84° 57' 53.94741" E	288074.367	2292218.472
3	74	20° 43' 02.29100" N	84° 57' 53.20447" E	288052.549	2292193.358
4	75	20° 43' 01.78068" N	84° 57' 54.52701" E	288090.622	2292177.181
5	76	20° 43' 01.37385" N	84° 57' 53.50871" E	288060.998	2292165.039
6	105	20° 42' 33.91993" N	84° 56' 59.19546" E	286478.642	2291340.489
7	80	20° 42' 55.68889" N	84° 57' 52.44703" E	288028.079	2291990.579
8	81	20° 42' 56.54427" N	84° 57' 46.55996" E	287858.054	2292019.029
9	84	20° 42' 53.79970" N	84° 57' 41.75156" E	287717.849	2291936.368
10	85	20° 42' 54.97756" N	84° 57' 34.93604" E	287521.082	2291975.078
11	89	20° 42' 56.91391" N	84° 57' 30.58836" E	287396.023	2292036.219
12	90	20° 42' 57.60092" N	84° 57' 29.45263" E	287363.424	2292057.763
13	92	20° 42' 55.74347" N	84° 57' 30.69611" E	287398.687	2292000.181
14	77	20° 42' 57.24897" N	84° 57' 53.70594" E	288065.111	2292038.103
15	78	20° 42' 57.68201" N	84° 57' 52.75261" E	288037.692	2292051.768
16	79	20° 42' 56.79284" N	84° 57' 52.01993" E	288016.146	2292024.687
17	82	20° 42' 57.58469" N	84° 57' 46.33974" E	287852.084	2292051.109
18	83	20° 42' 54.81976" N	84° 57' 41.66902" E	287715.856	2291967.771
19	86	20° 42' 55.90802" N	84° 57' 35.48262" E	287537.259	2292003.497
20	87	20° 42' 58.88361" N	84° 57' 33.03087" E	287467.466	2292095.908
21	88	20° 42' 57.67657" N	84° 57' 32.62778" E	287455.334	2292058.931
22	91	20° 42' 56.51417" N	84° 57' 29.56652" E	287366.298	2292024.298
23	102	20° 42' 40.31401" N	84° 56' 58.54651" E	286462.352	2291537.385
24	99	20° 42' 47.41586" N	84° 57' 03.43894" E	286606.695	2291754.019
25	98	20° 42' 50.36202" N	84° 57' 08.52837" E	286755.118	2291842.769
26	97	20° 42' 51.24699" N	84° 57' 08.13964" E	286744.213	2291870.13
27	96	20° 42' 52.16408" N	84° 57' 10.93247" E	286825.387	2291897.317
28	95	20° 42' 51.17523" N	84° 57' 11.21461" E	286833.167	2291866.794
29	93	20° 42' 51.73601" N	84° 57' 14.91864" E	286940.571	2291882.69
30	94	20° 42' 52.78220" N	84° 57' 14.96317" E	286942.266	2291914.851
31	100	20° 42' 48.08639" N	84° 57' 02.60450" E	286582.809	2291774.948
32	72	20° 43' 05.00116" N	84° 57' 51.44274" E	288002.618	2292277.352
33	101	20° 42' 39.96746" N	84° 56' 59.56243" E	286491.616	2291526.354
34	104	20° 42' 38.44525" N	84° 56' 58.12109" E	286449.314	2291480.065
35	106	20° 42' 34.34036" N	84° 56' 58.11001" E	286447.394	2291353.818
36	107	20° 43' 05.97353" N	84° 57' 51.20063" E	287995.989	2292307.347
37	0	20° 43' 05.97329" N	84° 57' 51.20049" E	287995.985	2292307.34
38	103	20° 42' 38.35969" N	84° 56' 59.17555" E	286479.795	2291477.047

DGPS SURVEYED CO-ORDINATES USED FOR ROAD ALIGNMENT POINT					
Sl No.	Point_id	Latitude	Longitude	Easting	Northing
1	81	20° 43' 11.80946" N	84° 57' 51.82988" E	288016.454	2292486.608
2	52	20° 43' 12.67049" N	84° 57' 51.00850" E	287993.019	2292513.389
3	53	20° 43' 09.74384" N	84° 57' 51.21653" E	287997.907	2292423.301
4	54	20° 43' 08.63772" N	84° 57' 50.07602" E	287964.864	2292420.452
5	55	20° 43' 08.40809" N	84° 57' 51.68129" E	288010.839	2292382.05
6	56	20° 43' 08.59932" N	84° 57' 50.54672" E	287978.082	2292388.344
7	8	20° 43' 54.08076" N	84° 58' 49.34744" E	289697.024	2293765.851
8	9	20° 43' 54.95702" N	84° 58' 48.91377" E	289684.813	2293792.959
9	10	20° 43' 53.99244" N	84° 58' 46.97048" E	289625.212	2293764.021
10	11	20° 43' 53.04616" N	84° 58' 47.32675" E	289638.16	2293734.761
11	12	20° 43' 51.29065" N	84° 58' 42.51461" E	289498.251	2293682.508
12	13	20° 43' 52.02287" N	84° 58' 41.61389" E	289472.471	2293705.354
13	38	20° 43' 51.81390" N	84° 58' 01.30888" E	288294.407	2292790.858
14	39	20° 43' 52.77780" N	84° 58' 01.12124" E	288286.367	2292820.612
15	41	20° 43' 51.80624" N	84° 57' 56.10894" E	288144.139	2292792.513
16	43	20° 43' 51.83200" N	84° 57' 55.67998" E	288130.577	2292701.193
17	45	20° 43' 51.19122" N	84° 57' 59.77766" E	288248.127	2292618.483
18	46	20° 43' 51.29993" N	84° 58' 01.43110" E	288295.243	2292559.683
19	50	20° 43' 53.43965" N	84° 58' 02.47143" E	288325.012	2292532.877
20	40	20° 43' 51.02138" N	84° 57' 57.05676" E	288171.262	2292768.029
21	41	20° 43' 51.31059" N	84° 57' 56.79176" E	288162.952	2292715.508
22	44	20° 43' 51.78325" N	84° 58' 00.54110" E	288270.45	2292636.414
23	47	20° 43' 51.58131" N	84° 58' 02.58333" E	288328.69	2292567.956
24	48	20° 43' 51.87872" N	84° 58' 02.81687" E	288335.254	2292552.407
25	49	20° 43' 51.61476" N	84° 58' 02.65190" E	288330.301	2292538.197
26	14	20° 43' 53.83190" N	84° 58' 38.32101" E	289370.261	2293147.064
27	17	20° 43' 53.45821" N	84° 58' 38.08195" E	289368.14	2293135.658
28	27	20° 43' 53.89997" N	84° 58' 34.08690" E	289245.799	2292996.91
29	28	20° 43' 53.93172" N	84° 58' 33.56489" E	289231.082	2292928.832
30	29	20° 43' 53.62075" N	84° 58' 26.01859" E	289012.608	2292902
31	30	20° 43' 53.80117" N	84° 58' 13.80117" E	288558.918	2293012.098
32	33	20° 43' 53.77343" N	84° 58' 11.88647" E	288603.054	2292976.459
33	36	20° 43' 53.79917" N	84° 58' 08.22719" E	288496.335	2292910.916
34	35	20° 43' 53.66954" N	84° 58' 10.91986" E	288574.504	2292930.556
35	18	20° 43' 51.67332" N	84° 58' 36.51948" E	289372.244	2293081.389
36	31	20° 43' 53.22578" N	84° 58' 14.17638" E	288669.371	2292980.314
37	32	20° 43' 53.73076" N	84° 58' 12.62306" E	288624.081	2292953.35
38	34	20° 43' 53.61498" N	84° 58' 11.51960" E	288591.526	2292904.056
39	37	20° 43' 53.82872" N	84° 58' 08.61270" E	288507.112	2292880.929
40	15	20° 43' 54.20581" N	84° 58' 37.35717" E	289342.479	2293158.913
41	16	20° 43' 53.73647" N	84° 58' 36.93419" E	289330.036	2293144.631
42	19	20° 43' 53.28577" N	84° 58' 36.50619" E	289317.479	2293130.924

SURVEYED & PREPARED BY-



Visiontek Consultancy Services Pvt. Ltd.
(As Envo Engineering Consulting Pvt. Ltd.)

ORISSA SPACE APPLICATIONS
Map No. EDC-50
Date: 28/02/2019
Auth. Signatory

1490/
Section Officer
Karadasing Sub-Division
Angul

14/3/19
Assistant Engineer
Angul Investigation Sub-Division
ANGUL

15/3/19
Forest Range Officer
Angul Range
Champatimunda

15/3/19
REVENUE INSPECTOR
BANTALA

16-03-19
TAHASI DAR, ANGUL