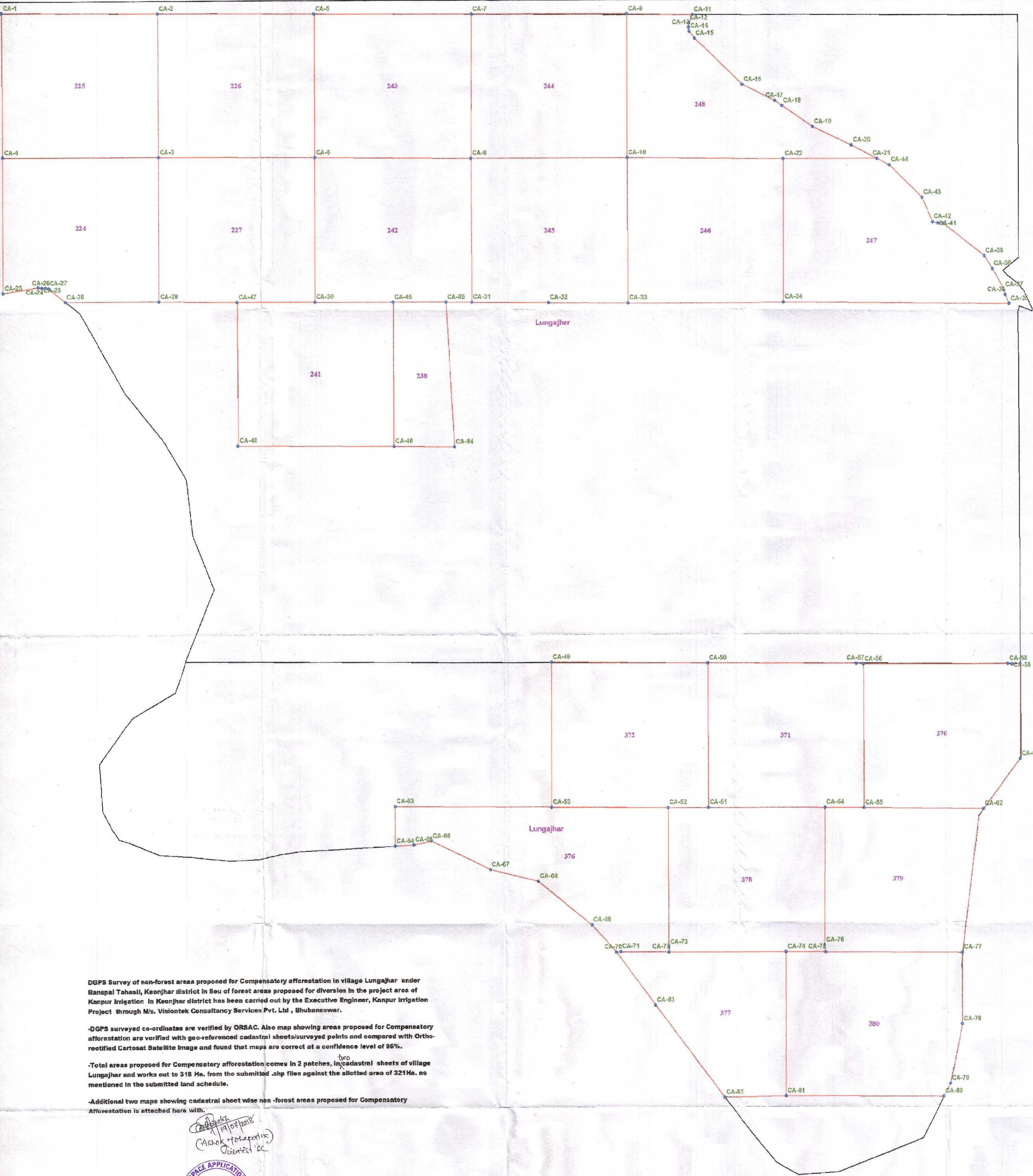


INDEX MAP SHOWING C.A. LAND 321 HA. AT LUNGAJHAR VILLAGE FOR KANUPUR CANAL PROJECT KEONJHAR DISTRICT



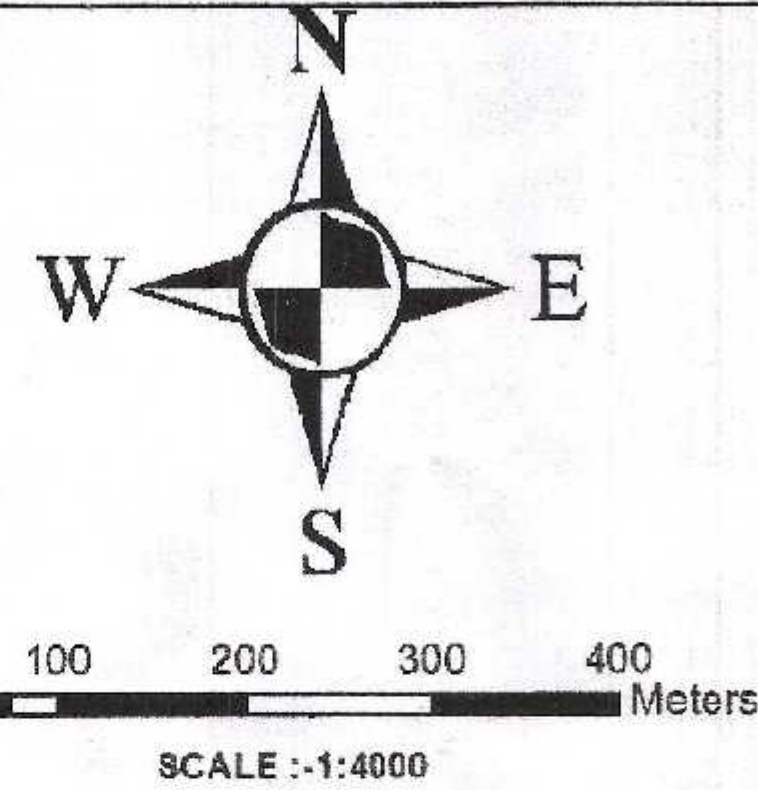
DGPS Survey of non-forest areas proposed for Compensatory afforestation in village Lungajhar under Banspal Tahasil, Keonjhar district in lieu of forest areas proposed for diversion in the project area of Kanpur Irrigation In Keonjhar district has been carried out by the Executive Engineer, Kanpur Irrigation Project through M/s. Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar.

DGPS surveyed co-ordinates are verified by ORSAC. Also map showing areas proposed for Compensatory afforestation are verified with geo-referenced cadastral sheets/surveyed points and compared with Ortho-rectified Cartosat Satellite Image and found that maps are correct at a confidence level of 96%.

Total areas proposed for Compensatory afforestation comes in 2 patches, in cadastral sheets of village Lungajhar and works out to 318 Ha. from the submitted .shp files against the allotted area of 321 Ha. as mentioned in the submitted land schedule.

Additional two maps showing cadastral sheet wise non-forest areas proposed for Compensatory afforestation is attached here with.

For use in
Project
Date: 19/08/2018
By: [Signature]
[Stamp]



DGPS SURVEYED CO-ORDINATES USED FOR GEO-REFERENCING					
Sl_No	Point_Id	Latitude	Longitude	Easting	Northing
1	CA-29	21° 31' 54.44409" N	85° 22' 25.40572" E	331572.319	2381881.597
2	CA-46	21° 31' 41.43201" N	85° 22' 46.30112" E	332169.411	2381475.178
3	CA-2	21° 32' 20.18832" N	85° 22' 25.36962" E	331579.532	2382673.333
4	CA-8	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
5	CA-16	21° 32' 13.69273" N	85° 23' 17.37886" E	333073.912	2382458.043
6	CA-34	21° 31' 54.23719" N	85° 23' 21.01737" E	333172.427	2381858.64
7	CA-40	21° 32' 01.20960" N	85° 23' 35.22742" E	333583.514	2382068.849
8	CA-41	21° 32' 01.26102" N	85° 23' 34.71488" E	333568.783	2382070.582
9	CA-42	21° 32' 01.36617" N	85° 23' 34.26158" E	333555.773	2382073.95
10	CA-51	21° 31' 09.03102" N	85° 23' 14.25032" E	332963.35	2380470.411
11	CA-67	21° 31' 03.53498" N	85° 22' 54.82882" E	332402.716	2380307.171
12	CA-72	21° 30' 56.12672" N	85° 23' 10.72358" E	332857.762	2380074.61
13	CA-73	21° 30' 56.53953" N	85° 23' 10.68771" E	332856.861	2380087.316
14	CA-60	21° 31' 21.82204" N	85° 23' 42.00530" E	333766.083	2380855.547
15	CA-59	21° 31' 21.77559" N	85° 23' 41.30515" E	333745.921	2380854.326
16	CA-58	21° 31' 21.83001" N	85° 23' 40.95434" E	333735.844	2380856.104
17	CA-62	21° 31' 08.87270" N	85° 23' 38.78009" E	333669.18	2380458.268
18	CA-78	21° 30' 49.63435" N	85° 23' 36.89189" E	333608.759	2379867.186
19	CA-49	21° 31' 22.06155" N	85° 23' 00.28409" E	332565.599	2380875.299

DGPS SURVEYED CO-ORDINATES USED FOR CA PLOTS					
Sl_No	Point_Id	Latitude	Longitude	Easting	Northing
1	CA-52	21° 31' 09.03102" N	85° 23' 10.54008" E	332955.451	2380471.558
2	CA-51	21° 31' 09.03102" N	85° 23' 14.25032" E	332963.35	2380470.411
3	CA-53	21° 31' 09.09151" N	85° 23' 00.29771" E	332561.718	2380176.425
4	CA-54	21° 31' 09.00447" N	85° 23' 24.66721" E	332658.133	2380465.502
5	CA-4	21° 32' 07.34866" N	85° 22' 11.54577" E	331177.657	2382282.956
6	CA-23	21° 31' 55.36177" N	85° 22' 11.55558" E	331174.124	2381903.052
7	CA-63	21° 31' 09.20135" N	85° 22' 46.38158" E	332160.394	2382458.043
8	CA-45	21° 31' 54.33505" N	85° 22' 46.27852" E	332172.286	2381872.003
9	CA-85	21° 31' 54.33413" N	85° 22' 50.55683" E	332307.494	2381870.512
10	CA-55	21° 31' 09.96169" N	85° 22' 26.11907" E	331869.393	2380444.163
11	CA-34	21° 31' 55.75419" N	85° 22' 14.89219" E	332264.202	2382392.384
12	CA-25	21° 31' 55.72874" N	85° 22' 15.01740" E	332173.817	2381924.223
13	CA-31	21° 31' 54.31763" N	85° 22' 53.26429" E	332373.884	2381869.375
14	CA-25	21° 31' 55.73852" N	85° 22' 15.32920" E	332182.791	2381924.43
15	CA-27	21° 31' 55.69495" N	85° 22' 15.35386" E	332190.352	2381922.967
16	CA-28	21° 31' 54.44349" N	85° 22' 17.29098" E	332193.066	2381884.567
17	CA-64	21° 31' 05.64795" N	85° 22' 46.34305" E	332158.196	2380374.585
18	CA-65	21° 31' 05.77505" N	85° 22' 48.01272" E	332167.284	2380378.364
19	CA-66	21° 31' 05.08022" N	85° 22' 49.57728" E	332152.405	2380387.212
20	CA-67	21° 31' 04.53488" N	85° 22' 54.87867" E	332160.716	2380387.111
21	CA-68	21° 31' 02.48652" N	85° 22' 55.12406" E	332156.014	2380373.619
22	CA-47	21° 31' 54.36589" N	85° 22' 32.36390" E	331772.51	2381877.107
23	CA-82	21° 30' 43.11578" N	85° 23' 15.68326" E	332996.357	2379973.207
24	CA-81	21° 30' 43.22844" N	85° 23' 21.18132" E	333154.645	2379974.839
25	CA-29	21° 31' 54.44409" N	85° 22' 25.40572" E	331572.319	2381881.597
26	CA-69	21° 30' 58.55863" N	85° 23' 03.87525" E	332661.459	2380151.375
27	CA-83	21° 30' 51.97095" N	85° 23' 05.52481" E	332821.696	2379928.742
28	CA-70	21° 30' 56.09584" N	85° 23' 06.05108" E	332723.345	2380075.05
29	CA-71	21° 30' 58.18151" N	85° 23' 06.42380" E	332809.549	2380078.949
30	CA-72	21° 30' 56.15729" N	85° 23' 10.72358" E	332857.762	2380074.61
31	CA-73	21° 30' 56.53953" N	85° 23' 10.68771" E	332856.861	2380087.316
32	CA-48	21° 31' 41.51951" N	85° 22' 32.42463" E	331770.146	2381482.019
33	CA-84	21° 31' 41.36360" N	85° 22' 51.67168" E	332324.075	2381471.460
34	CA-46	21° 31' 41.43201" N	85° 22' 46.30112" E	332169.411	2381475.178
35	CA-60	21° 31' 21.82204" N	85° 23' 42.00530" E	333766.083	2380855.547
36	CA-59	21° 31' 21.77559" N	85° 23' 41.30515" E	333745.921	2380854.326
37	CA-58	21° 31' 21.83001" N	85° 23' 40.95434" E	333735.844	2380856.104
38	CA-61	21° 31' 13.32703" N	85° 22' 42.03170" E	332766.157	2380194.251
39	CA-62	21° 31' 08.87270" N	85° 23' 38.78009" E	333669.18	2380458.268
40	CA-77	21° 30' 56.03851" N	85° 23' 36.90061" E	333611.035	2380064.122
41	CA-78	21° 30' 49.63435" N	85° 23' 36.89189" E	333608.759	2379867.186
42	CA-79	21° 30' 44.34953" N	85° 23' 35.81479" E	333576.086	2379704.549
43	CA-80	21° 30' 41.76509" N	85° 23' 35.23008" E	333558.551	2379596.266
44	CA-1	21° 32' 20.18832" N	85° 22' 11.54577" E	331174.124	2382282.956
45	CA-2	21° 32' 20.18832" N	85° 22' 25.36962" E	331579.532	2382673.333
46	CA-5	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
47	CA-6	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
48	CA-7	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
49	CA-8	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
50	CA-10	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
51	CA-11	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
52	CA-13	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
53	CA-14	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
54	CA-15	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
55	CA-16	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
56	CA-17	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
57	CA-18	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
58	CA-19	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
59	CA-20	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
60	CA-21	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
61	CA-22	21° 32' 07.17660" N	85° 22' 53.19091" E	332375.874	2382264.854
62	CA-24	21° 31' 54.23719" N	85° 23' 21.01737" E	333172.427	2381858.64
63	CA-35	21° 31' 54.03419" N	85° 23' 41.09438" E	333750.068	2381846.444
64	CA-36	21° 31' 54.00644" N	85° 23' 40.74884" E	333740.37	2381871.354
65	CA-37	21° 31' 55.27866" N	85° 23' 40.92580" E	333737.084	2381884.854
66	CA-38	21° 31' 57.17897" N	85° 23' 39.60747" E	333706.189	2381943.521
67	CA-39	21° 31' 58.11267" N	85° 23' 38.88227" E	333687.593	2381978.675
68	CA-40	21° 32' 01.26980" N	85° 23' 35.22742" E	333583.514	2382068.849
69	CA-41	21° 32' 01.26980" N	85° 23' 34.71488" E	333568.783	2382070.582
70	CA-43	21° 32' 01.26980" N	85° 23' 34.54141" E	333530.099	2382140.954
71	CA-42	21° 32' 01.36617" N	85° 23' 34.26158" E	333555.773	2382073.95
72	CA-44	21° 32' 06.46550" N	85° 23' 30.42798" E	333447.083	2382233.511
73	CA-44	21° 31' 22.06155" N	85° 23' 00.28409" E	332565.599	2380875.299
74	CA-50	21° 31' 21.83001" N	85° 23' 40.95434" E	333735.844	2380856.104
75	CA-57	21° 31' 21.86769" N	85° 23' 37.43464" E	333746.521	2380861.882
76	CA-56	21° 31' 21.82534" N	85° 23' 37.05029" E	333744.766	2380859.713
77	CA-3	21° 32' 07.34866" N	85° 22' 11.54577" E	331177.657	2382282.956
78	CA-9	21° 32' 01.20960" N	85° 23' 07.10703" E	332780.382	2382056.352
79	CA-12	21° 32' 19.54178" N	85° 22' 11.55558" E	331174.124	2381903.052
80	CA-30	21° 31' 54.37489" N	85° 22' 39.29013" E	332573.809	2381875.259
81	CA-32	21° 31' 54.27101" N	85° 22' 00.09450" E	332570.402	2381885.905
82	CA-33	21° 31' 54.20426" N	85° 22' 07.15256" E	332773.47	2381861.749
83	CA-74	21° 30' 56.11379" N	85° 23' 21.19143" E	333158.093	2380071.103
84	CA-75	21° 30' 55.09470" N	85° 23' 24.71107" E	333260.273	2380069.472
85	CA-76	21° 30' 55.70629" N	85° 23' 24.62074" E	333257.867	2380068.314

AREA STATISTICS CA PLOTS					
Sl No.	Village_Name	Plot_No	Kissam	Allotted_Area_Ha	Map_Area_Ha
1	Lungajhar_SH_6	224	Parbata	15.52	15.316
2	Lungajhar_SH_6	225	Parbata	16	15.817
3	Lungajhar_SH_6	226	Parbata	16	15.803
4	Lungajhar_SH_6	227	Parbata	16	15.874
5	Lungajhar_SH_6	238	Parbata	6.35	5.765
6	Lungajhar_SH_6	241	Parbata	16	15.835
7	Lungajhar_SH_6	242	Parbata	16	15.889
8	Lungajhar_SH_6	243	Parbata	16	15.860
9	Lungajhar_SH_6	244	Parbata	16	15.778
10	Lungajhar_SH_6	245	Parbata	16	15.886
11	Lungajhar_SH_6	246	Parbata	16	15.900
12	Lungajhar_SH_6	247	Parbata	17.12	17.068
13	Lungajhar_SH_6	248	Parbata	12.96	13.466
14	Lungajhar_SH_7	370	Parbata	15.2	15.292
15	Lungajhar_SH_7	371	Parbata	16	15.841
16	Lungajhar_SH_7	372	Parbata	16	15.974
17	Lungajhar_SH_7	376	Parbata	16.64	16.453
18	Lungajhar_SH_7	377	Parbata	12	11.888
19	Lungajhar_SH_7	378	Parbata	16	15.962
20	Lungajhar_SH_7	379	Parbata	15.5	14.825
21	Lungajhar_SH_7	380	Parbata	17.6	17.507
Total=				321	318