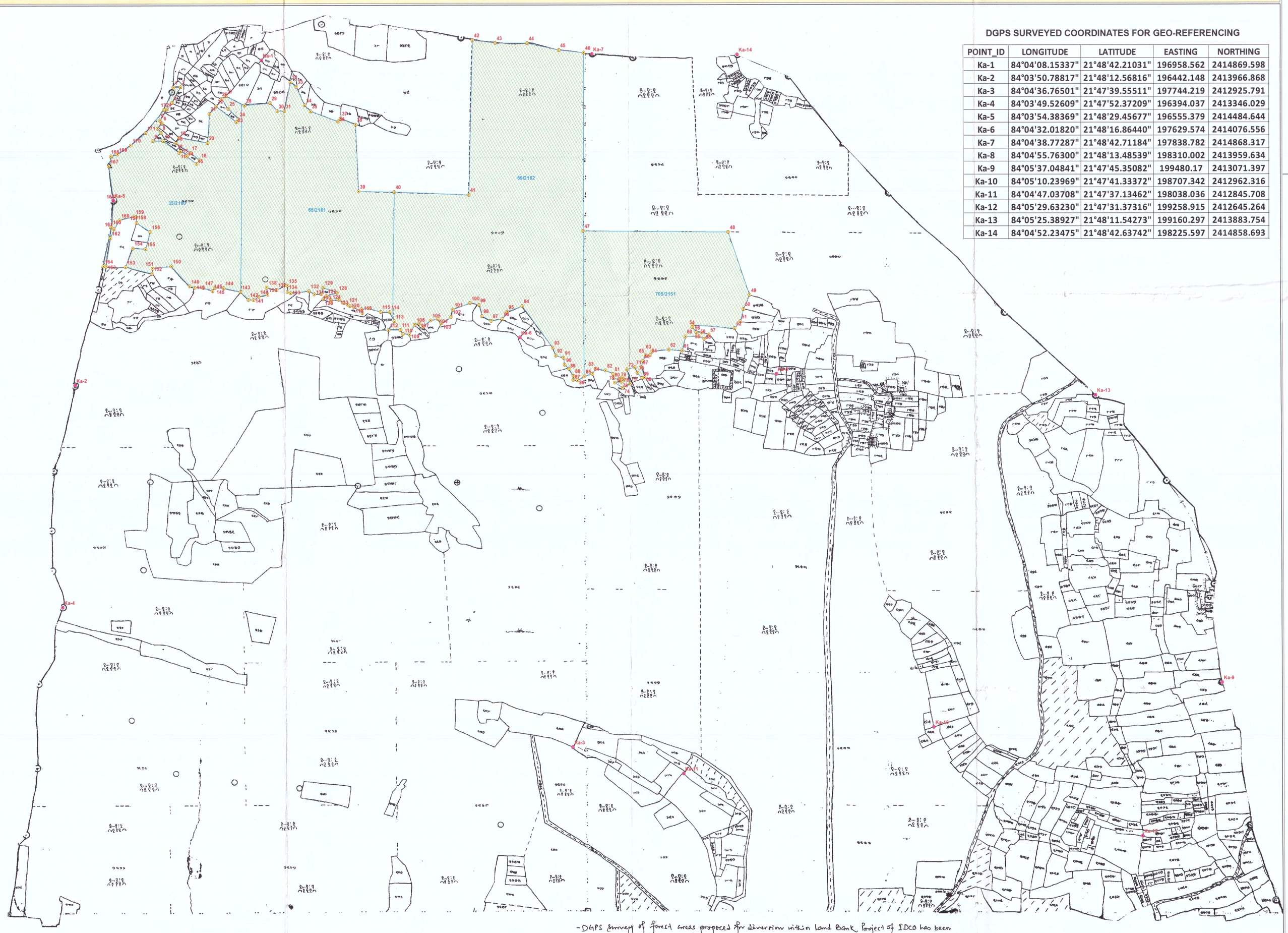
DGPS SURVEYED GEO-REFERENCED MAP SHOWING FOREST AREAS PROPOSED FOR DIVERSION IN LAND BANK PROPOSAL OF IDCO ODISHA OVER 191.090 AC. (77.333 HA) IN VILLAGE KATIKELA (SHEET NO - 1 & 3) UNDER JHARSUGUDA TAHASIL, JHARSUGUDA DISTRICT



DGPS SURVEYED COORDINATES FOR GEO-REFERENCING

POINT_ID	LONGITUDE	LATITUDE	EASTING	NORTHING
Ka-1	84°04'08.15337"	21°48'42.21031"	196958.562	2414869.598
Ka-2	84°03'50.78817"	21°48'12.56816"	196442.148	2413966.868
Ka-3	84°04'36.76501"	21°47'39.55511"	197744.219	2412925.791
Ka-4	84°03'49.52609"	21°47'52.37209"	196394.037	2413346.029
Ka-5	84°03'54.38369"	21°48'29.45677"	196555.379	2414484.644
Ka-6	84°04'32.01820"	21°48'16.86440"	197629.574	2414076.556
Ka-7	84°04'38.77287"	21°48'42.71184"	197838.782	2414868.317
Ka-8	84°04'55.76300"	21°48'13.48539"	198310.002	2413959.634
Ka-9	84°05'37.04841"	21°47'45.35082"	199480.17	2413071.397
Ka-10	84°05'10.23969"	21°47'41.33372"	198707.342	2412962.316
Ka-11	84°04'47.03708"	21°47'37.13462"	198038.036	2412845.708
Ka-12	84°05'29.63230"	21°47'31.37316"	199258.915	2412645.264
Ka-13	84°05'25.38927"	21°48'11.54273"	199160.297	2413883.754
Ka-14	84°04'52.23475"	21°48'42.63742"	198225.597	2414858.693

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DERIVED CO-ORDINATES OF POINTS

POINT ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	84°03'59.986"	21°48'39.737"	196722.406	2414797.955
2	84°04'00.654"	21°48'39.776"	196741.630	2414798.775
3	84°03'59.896"	21°48'38.337"	196719.001	2414754.902
4	84°03'59.421"	21°48'37.758"	196705.000	2414737.368
5	84°03'58.765"	21°48'36.730"	196685.565	2414706.092
6	84°03'58.932"	21°48'36.486"	196690.223	2414698.488
7	84°03'58.521"	21°48'35.998"	196678.120	2414683.687
8	84°03'58.843"	21°48'35.626"	196687.134	2414672.043
9	84°03'58.085"	21°48'34.854"	196664.896	2414648.733
10	84°03'59.035"	21°48'34.854"	196692.221	2414648.212
11	84°04'00.513"	21°48'33.788"	196734.060	2414614.583
12	84°04'00.667"	21°48'33.942"	196738.582	2414619.244
13	84°04'01.284"	21°48'33.557"	196756.080	2414607.044
14	84°04'01.207"	21°48'33.441"	196753.797	2414603.527
15	84°04'02.106"	21°48'32.799"	196779.269	2414583.264
16	84°04'02.403"	21°48'33.101"	196787.981	2414592.414
17	84°04'01.553"	21°48'33.786"	196763.952	2414613.936
18	84°04'00.218"	21°48'34.649"	196726.072	2414641.239
19	84°04'00.508"	21°48'35.160"	196734.713	2414656.802
20	84°04'03.134"	21°48'34.687"	196809.916	2414640.829
21	84°04'03.314"	21°48'37.335"	196816.636	2414722.189
22	84°04'03.957"	21°48'38.015"	196835.497	2414742.796
23	84°04'05.807"	21°48'36.563"	196887.820	2414697.100
24	84°04'06.012"	21°48'36.833"	196893.886	2414705.292
25	84°04'05.068"	21°48'37.797"	196867.322	2414735.455
26	84°04'04.479"	21°48'38.687"	196850.895	2414763.173
27	84°04'04.863"	21°48'38.931"	196862.078	2414770.484
28	84°04'06.591"	21°48'38.080"	196911.232	2414743.332
29	84°04'08.946"	21°48'38.290"	196979.062	2414748.533
30	84°04'09.605"	21°48'37.567"	196997.567	2414725.901
31	84°04'10.285"	21°48'37.572"	197017.116	2414725.687
32	84°04'10.861"	21°48'40.208"	197035.197	2414806.501
33	84°04'11.396"	21°48'39.794"	197050.320	2414793.463
34	84°04'12.180"	21°48'38.092"	197071.865	2414740.672
35	84°04'12.720"	21°48'37.540"	197087.051	2414723.374
36	84°04'15.264"	21°48'36.602"	197159.614	2414693.118
37	84°04'15.497"	21°48'36.882"	197166.493	2414701.619
38	84°04'16.890"	21°48'36.309"	197206.166	2414683.219
39	84°04'17.148"	21°48'30.218"	197210.033	2414495.621
40	84°04'20.437"	21°48'30.167"	197304.534	2414492.243
41	84°04'27.350"	21°48'29.910"	197503.045	2414480.561
42	84°04'27.728"	21°48'43.998"	197522.129	2414913.916
43	84°04'29.834"	21°48'43.733"	197582.515	2414904.624
44	84°04'32.797"	21°48'43.711"	197667.637	2414902.323
45	84°04'35.727"	21°48'43.070"	197751.444	2414881.003
46	84°04'38.026"	21°48'42.833"	197817.392	2414872.446
47	84°04'37.917"	21°48'26.578"	197804.772	2414372.279
48	84°04'51.369"	21°48'26.451"	198191.288	2414361.030
49	84°04'53.317"	21°48'20.710"	198243.927	2414183.285
50	84°04'52.748"	21°48'19.423"	198226.830	2414144.001
51	84°04'52.457"	21°48'18.294"	198217.786	2414109.412
52	84°04'51.946"	21°48'17.660"	198202.732	2414090.191
53	84°04'48.109"	21°48'17.972"	198092.666	2414101.870
54	84°04'48.040"	21°48'17.781"	198090.564	2414096.030
55	84°04'48.413"	21°48'17.319"	198101.003	2414081.592
56	84°04'48.901"	21°48'17.282"	198115.010	2414080.205
57	84°04'49.560"	21°48'17.091"	198133.846	2414073.960
58	84°04'49.122"	21°48'16.690"	198121.016	2414061.856
59	84°04'48.639"	21°48'16.949"	198107.283	2414070.106
60	84°04'47.405"	21°48'16.923"	198071.793	2414069.961
61	84°04'47.090"	21°48'15.636"	198061.990	2414030.537
62	84°04'45.856"	21°48'15.725"	198026.590	2414033.952
63	84°04'44.314"	21°48'15.558"	197982.180	2414029.651
64	84°04'44.108"	21°48'15.219"	197976.054	2414019.336
65	84°04'43.684"	21°48'15.198"	197963.876	2414018.922
66	84°04'43.446"	21°48'14.690"	197956.728	2414003.419
67	84°04'43.296"	21°48'14.148"	197952.104	2413986.827
68	84°04'43.587"	21°48'13.182"	197959.911	2413956.945
69	84°04'43.338"	21°48'13.143"	197952.707	2413955.843
70	84°04'42.926"	21°48'13.635"	197941.157	2413971.211
71	84°04'42.675"	21°48'14.134"	197934.247	2413986.704
72	84°04'41.943"	21°48'13.928"	197913.079	2413980.776
73	84°04'42.232"	21°48'12.641"	197920.657	2413941.024
74	84°04'41.552"	21°48'12.269"	197900.868	2413929.927
75	84°04'40.785"	21°48'12.731"	197879.110	2413944.573
76	84°04'41.388"	21°48'12.806"	197896.477	2413946.552
77	84°04'41.638"	21°48'13.031"	197903.796	2413953.323
78	84°04'41.480"	21°48'13.221"	197899.378	2413959.261
79	84°04'41.240"	21°48'13.053"	197892.387	2413954.225
80	84°04'40.660"	21°48'13.122"	197875.738	2413956.684
81	84°04'40.646"	21°48'13.527"	197875.579	2413969.153
82	84°04'39.947"	21°48'13.840"	197855.673	2413979.156
83	84°04'39.010"	21°48'14.017"	197828.838	2413985.127
84	84°04'38.734"	21°48'13.550"	197820.644	2413970.880
85	84°04'37.966"	21°48'13.306"	197798.447	2413963.805
86	84°04'37.358"	21°48'12.941"	197780.756	2413952.906
87	84°04'36.960"	21°48'13.001"	197769.343	2413954.969
88	84°04'36.981"	21°48'13.365"	197770.171	2413966.161
89	84°04'36.553"	21°48'14.008"	197758.237	2413986.165
90	84°04'36.168"	21°48'14.372"	197747.372	2413997.579
91	84°04'36.061"	21°48'15.014"	197744.669	2414017.409
92	84°04'35.354"	21°48'15.207"	197724.472	2414023.726
93	84°04'35.076"	21°48'15.935"	197716.896	2414046.285
94	84°04'32.270"	21°48'19.725"	197638.486	2414164.465
95	84°04'30.857"	21°48'19.211"	197597.567	2414149.419
96	84°04'30.407"	21°48'18.548"	197584.255	2414129.234
97	84°04'29.379"	21°48'18.376"	197554.613	2414124.522
98	84°04'28.523"	21°48'18.826"	197530.258	2414138.829
99	84°04'28.244"	21°48'19.832"	197522.845	2414169.956
100	84°04'27.409"	21°48'20.004"	197498.943	2414175.684
101	84°04'25.824"	21°48'19.426"	197453.063	2414158.755
102	84°04'25.653"	21°48'18.762"	197447.751	2414138.418
103	84°04'24.753"	21°48'18.162"	197421.552	2414120.455
104	84°04'24.432"	21°48'18.548"	197412.546	2414132.493
105	84°04'23.768"	21°48'18.441"	197393.404	2414129.561
106	84°04'23.040"	21°48'17.884"	197372.154	2414112.823
107	84°04'22.698"	21°48'18.141"	197362.457	2414120.918
108	84°04'22.312"	21°48'18.055"	197351.329	2414118.493
109	84°04'21.820"	21°48'17.155"	197336.648	2414091.082
110	84°04'21.220"	21°48'17.198"	197319.440	2414092.727
111	84°04'20.963"	21°48'17.584"	197312.280	2414104.730
112	84°04'19.871"	21°48'17.563"	197280.880	2414104.667
113	84°04'20.403"	21°48'18.356"	197296.648	2414128.805
114	84°04'19.993"	21°48'19.200"	197285.346	2414154.993
115	84°04'19.159"	21°48'19.229"	197261.385	2414156.337
116	84°04'18.013"	21°48'19.551"	197228.663	2414166.885
117	84°04'17.385"	21°48'19.470"	197210.543	2414164.721
118	84°04'17.467"	21°48'19.136"	197212.726	2414154.410
119	84°04'16.684"	21°48'19.658"	197190.528	2414170.890
120	84°04'16.296"	21°48'19.743"	197179.426	2414173.712
121	84°04'16.099"	21°48'19.898"	197173.845	2414178.607
122	84°04'15.731"	21°48'20.020"	197163.340	2414182.562
123	84°04'15.263"	21°48'20.346"	197150.090	2414192.861
124	84°04'14.544"	21°48'20.283"	197129.389	2414191.319
125	84°04'14.557"	21°48'20.091"	197129.646	2414185.380
126	84°04'13.824"	21°48'20.373"	197108.763	2414194.480
127	84°04'14.120"	21°48'20.682"	197117.436	2414203.809
128	84°04'15.122"	21°48'20.990"	197146.420	2414212.752
129	84°04'13.812"	21°48'21.466"	197109.033	2414228.098
130	84°04'13.645"	21°48'20.862"	197103.879	2414209.604
131	84°04'13.015"	21°48'20.836"	197085.770	2414209.158
132	84°04'12.514"	21°48'21.132"	197071.541	2414218.526
133	84°04'10.818"	21°48'20.952"	197022.693	2414213.917
134	84°04'10.510"	21°48'21.093"	197013.913	2414218.435
135	84°04'10.510"	21°48'21.646"	197014.237	2414235.439
136	84°04'10.234"	21°48'21.665"	197006.339	2414236.194
137	84°04'09.497"	21°48'21.262"	196984.912	2414224.184
138	84°04'08.584"	21°48'21.484"	196958.804	2414231.503
139	84°04'08.635"	21°48'20.836"	196959.902	2414211.545
140	84°04'07.837"	21°48'20.643"	196936.843	2414206.056
141	84°04'07.361"	21°48'20.335"	196922.999	2414196.826
142	84°04'06.860"	21°48'20.361"	196908.613	2414197.890
143	84°04'06.141"	21°48'21.080"	196888.355	2414220.428
144	84°04'04.581"	21°48'21.437"	196843.732	2414232.263
145	84°04'03.749"	21°48'21.460"	196819.835	2414233.429
146	84°04'03.527"	21°48'21.171"	196813.278	2414224.654
147	84°04'02.690"	21°48'21.456"	196789.393	2414233.877
148	84°04'01.901"	21°48'21.479"	196766.730	2414235.005
149	84°04'01.429"	21°48'21.603"	196753.242	2414239.101
150	84°03'59.743"	21°48'23.440"	196705.870	2414296.543
151	84°03'58.008"	21°48'23.226"	196655.866	2414290.912
152	84°03'57.956"	21°48'22.764"	196654.118	2414276.705
153	84°03'55.502"	21°48'23.355"	196583.935	2414296.238
154	84°03'56.183"	21°48'25.077"	196604.515	2414348.852
155	84°03'57.352"	21°48'25.012"	196638.080	2414346.235
156	84°03'57.802"	21°48'26.580"	196651.923	2414394.232
157	84°03'56.543"	21°48'27.402"	196616.217	2414420.228
158	84°03'56.517"	21°48'27.929"	196615.787	2414436.455
159	84°03'56.311"	21°48'27.980"	196609.909	2414438.149
160	84°03'54.975"	21°48'27.633"	196571.303	2414428.204
161	84°03'54.467"	21°48'26.835"	196556.229	2414403.908
162	84°03'54.127"	21°48'26.014"	196545.982	2414378.844
163	84°03'53.710"	21°48'23.426"	196532.493	2414299.429
164	84°03'53.439"	21°48'23.449"	196524.721	2414300.259
165	84°03'54.204"	21°48'27.030"	196548.793	2414410.041
166	84°03'54.435"	21°48'29.394"	196556.826	2414482.673
167	84°03'53.999"	21°48'32.567"	196546.131	2414580.583
168	84°03'53.483"	21°48'33.467"	196552.566	2414608.150
169	84°03'54.808"	21°48'33.647"	196570.027	2414613.356
170	84°03'56.040"	21°48'34.464"	196605.918	2414637.827
171	84°03'57.416"	21°48'35.600"	196646.131	2414672.033
172	84°03'59.099"	21°48'37.707"	196695.738	2414735.962

FOREST AREA

SL_NO	VILLAGE NAME	PLOT NO	KISSAM	ROR AREA		MAP AREA	
				AREA_AC	AREA_HA	AREA_AC	AREA_HA
1	KATIKELA SH-1	35/2160	GRAMYA JUNGLE	32.74	13.250	32.691	13.23
2	KATIKELA SH-1	65/2161	GRAMYA JUNGLE	46.25	18.717	47.971	19.413
3	KATIKELA SH-1	69/2162	GRAMYA JUNGLE	77.25	31.263	77.803	31.486
4	KATIKELA SH-3	705/2151	GRAMYA JUNGLE	34.85	14.104	35.046	14.183
TOTAL				191.09	77.333	193.511	78.312

LEGEND

- DGPS SURVEYED POINTS
- DERIVED POINTS
- FOREST PATCHES

- DGPS Survey of forest areas proposed for diversion within land Bank Project of IDCO has been carried out by the user agency through M/s. Centre for Envotech and Management Consultancy Pvt. Ltd., Bhubaneswar.
- DGPS Survey co-ordinates are verified by OSAC. Also maps showing forest areas proposed for diversion are verified with geo-referenced cadastral sheets and compared with Ortho-rectified Cartosat satellite image and found that maps are correct at a confidence level of 95%.
- All the forest areas proposed for diversion are coming under Revenue forest category. Total forest areas proposed for diversion comes in two cadastral sheets of village Katikela and works out to 78.312 Ha. from the submitted gdp files against the mentioned area of 77.333 Ha. (191.09 Ac.) in the submitted land schedule.

(Ashok Chakraborty)
Cuttack SC

Range Officer

Range Officer
R.F.

DCF JUANGSWAR

ORISSA SPACE APPLICATIONS CENTRE
Map No. FD/C-33/A
Date 26/03/2019
Director, OSAC
BHUBANESWAR

SURVEYED AND PREPAIRED BY:-

CEMC

CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.