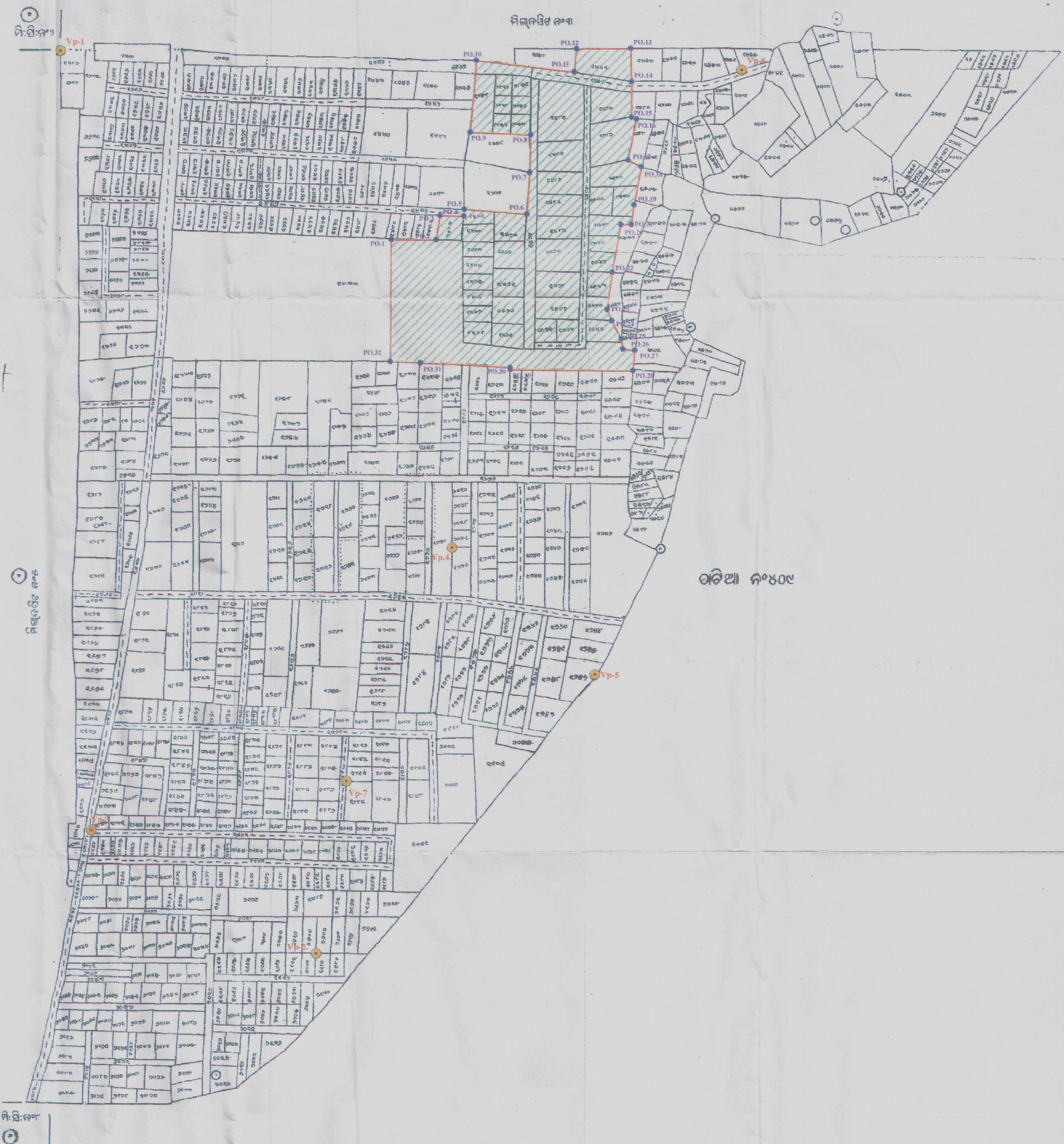
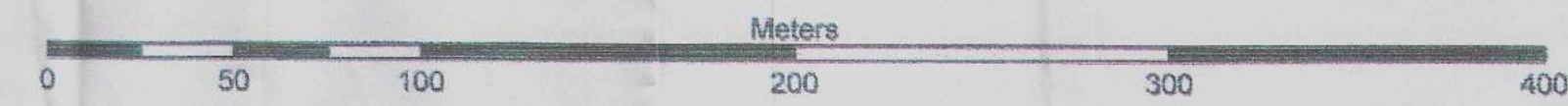


GEOREFERENCED MAP SHOWING DGPS SURVEYED FOREST LAND PROPOSED FOR DIVERSION WITHIN KALINGA INSTITUTE OF SOCIAL SCIENCE (KISS) BHUBANESWAR IN PATHARAGADIA MOUZA UNDER BHUBANESWAR TAHASIL DISTRICT KHORDHA.

SCALE -1:1,980



DGPS survey of forest areas proposed for diversion Coming under Kalinga Institute of Social Sciences (Kiss) at village Patharagadia, under Bhubaneswar Tahasil, Khordha district has been carried out by the user agency through M/s. Maptech Solutions Pvt.Ltd., Bhubaneswar.

The survey co-ordinates are verified by ORSAC. Also the map showing forest area proposed for diversion within boundary of the Project area of Kalinga Institute of Social Sciences (Kiss) has been verified with geo-referenced cadastral sheet/surveyed points 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 comes under Revenue forest category in one Cadastral sheet of village Patharagadia. Total forest area proposed for diversion works out to 4.032 Ha. from the submitted .shp files against allotted area of 4.019 Ha. (9.93 Ac.) as mentioned in the submitted land schedule.

DGPS OBSERVATION CO-ORDINATES OF GEOREFERENCED					
SL NO.	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	Vp-1	375670.920	2252409.970	E85°48'31.44355"	N20°21'56.83262"
2	Vp-2	375892.367	2251630.871	E85°48'39.27488"	N20°21'31.54552"
3	Vp-3	375698.124	2251736.851	E85°48'32.54969"	N20°21'34.94672"
4	Vp-4	376009.010	2251980.862	E85°48'43.21040"	N20°21'42.95591"
5	Vp-5	376132.455	2251871.186	E85°48'47.49494"	N20°21'39.41781"
6	Vp-6	376257.733	2252394.166	E85°48'51.68549"	N20°21'56.45643"
7	Vp-7	375918.164	2251779.227	E85°48'40.12758"	N20°21'36.37666"

AREA STATISTICS OF FOREST LAND PROPOSED FOR DIVERSION									
SL NO.	VILLAGE	HAL PLOT NO.	HAL KISAM	SABIK PLOT NO.	SABIK KISAM	PROPOSED AREA (Acres)	PROPOSED AREA (Hectare)	MAP AREA (Acres)	MAP AREA (Hectare)
1	PATHARGADIA	1447 (P)	JUNGLE	541	CHOTA JUNGLE	0.100	0.040	0.117	0.048
2		1449	JUNGLE	541	CHOTA JUNGLE	0.285	0.115	0.293	0.118
3		1456 (P)	RASTA	541	CHOTA JUNGLE	0.200	0.081	0.209	0.085
4		1458		541		0.228	0.092	0.230	0.093
5		1461		541		0.080	0.032	0.081	0.033
6		1462		541		0.100	0.040	0.106	0.043
7		1463		541		0.090	0.036	0.090	0.036
8		1464		541		0.095	0.038	0.096	0.039
9		1465		541		0.090	0.036	0.088	0.036
10		1466		541		0.090	0.036	0.090	0.037
11	PATHARGADIA	1467		541		0.090	0.036	0.084	0.034
12		1468		541		0.110	0.045	0.118	0.048
13		1469		541		0.135	0.055	0.141	0.057
14		1470		541		0.165	0.065	0.160	0.065
15		1471		541		0.155	0.063	0.161	0.065
16		1472		541		0.155	0.063	0.157	0.064
17		1473		541		0.150	0.061	0.170	0.069
18		1474		541		0.165	0.188	0.469	0.190
19		1475		541		0.095	0.038	0.097	0.039
20		1476		541		0.090	0.036	0.093	0.038
21	PATHARGADIA	1477		541		0.175	0.071	0.182	0.074
22		1478		541		0.200	0.081	0.208	0.084
23		1479		541		0.270	0.109	0.277	0.112
24		1480		541		0.185	0.075	0.193	0.078
25		1481		541		0.175	0.071	0.185	0.075
26		1482	JUNGLE	541	CHOTA JUNGLE	0.190	0.077	0.190	0.077
27		1483		541		0.260	0.105	0.258	0.104
28		1484		541		0.270	0.190	0.498	0.205
29		1485		541		0.380	0.154	0.392	0.159
30		1486		541		0.215	0.087	0.234	0.095
31	PATHARGADIA	1487		541		0.315	0.127	0.330	0.133
32		1537		541		0.130	0.053	0.123	0.050
33		1538		541		0.200	0.081	0.207	0.084
34		1539		541		0.120	0.049	0.122	0.050
35		1540		541		0.140	0.057	0.138	0.056
36		1541		541		0.080	0.032	0.088	0.036
37		1542		541		0.140	0.057	0.097	0.039
38		1543		541		0.100	0.040	0.106	0.043
39		1544		541		0.100	0.040	0.095	0.038
40		1545		541		0.120	0.049	0.126	0.051
41	PATHARGADIA	1633 (P)		541		2.544	1.030	2.354	0.953
42		1431/7285		541		0.100	0.040	0.113	0.046
43		1458/6817		541		0.060	0.024	0.064	0.026
44		1458/6818		541		0.055	0.022	0.058	0.024
45		1458/6851		541		0.062	0.025	0.070	0.028
46		1458/6852		541		0.062	0.025	0.065	0.026
47		1458/6853		541		0.062	0.025	0.073	0.029
48		1458/6854		541		0.060	0.024	0.065	0.026
TOTAL AREA						9.930	4.019	9.961	4.032

DGPS OBSERVATION CO-ORDINATES OF PROJECT BOUNDARY PILLARS						
SL NO.	POINT ID	MAP ID	EASTING	NORTHING	LATITUDE	
1	Bnd-24	PO.1	375955.892	2252247.384	E85°48'41.31213"	N20°21'51.61174"
2	A1.	PO.2	375994.598	2252247.011	E85°48'42.64714"	N20°21'51.60869"
3	B1.	PO.3	375997.949	2252268.189	E85°48'42.75741"	N20°21'52.29826"
4	Bnd-27	PO.4	376018.305	2252267.698	E85°48'43.45957"	N20°21'52.28707"
5	Bnd-28	PO.5	376018.703	2252273.825	E85°48'43.47178"	N20°21'52.48643"
6	Bnd-1	PO.6	376072.665	2252269.513	E85°48'45.33388"	N20°21'52.35884"
7	Bnd-2	PO.7	376075.176	2252305.407	E85°48'45.41154"	N20°21'53.52684"
8	Bnd-3	PO.8	376075.934	2252337.998	E85°48'45.42960"	N20°21'54.58702"
9	Bnd-4	PO.9	376023.892	2252340.080	E85°48'43.63424"	N20°21'54.64250"
10	E.	PO.10	376029.279	2252401.924	E85°48'43.80464"	N20°21'56.65517"
11	PO-11	PO.11	376113.476	2252392.498	E85°48'46.71079"	N20°21'56.36835"
12	PO-12	PO.12	376115.408	2252412.429	E85°48'46.77246"	N20°21'57.01703"
13	BND-8.	PO.13	376162.225	2252412.703	E85°48'48.38701"	N20°21'57.03691"
14	N1.	PO.14	376162.917	2252384.010	E85°48'48.41801"	N20°21'56.10387"
15	Bnd-9	PO.15	376162.693	2252353.550	E85°48'48.41784"	N20°21'55.11317"
16	Bnd-10	PO.16	376167.203	2252351.814	E85°48'48.57381"	N20°21'55.05775"
17	Bnd-11	PO.17	376160.089	2252316.509	E85°48'48.37227"	N20°21'53.90785"
18	Bnd-12	PO.18	376171.654	2252310.525	E85°48'48.73758"	N20°21'53.71592"
19	N2.	PO.19	376165.011	2252277.703	E85°48'48.51666"	N20°21'52.64687"
20	Bnd-13	PO.20	376162.773	2252260.391	E85°48'48.44370"	N20°21'52.08328"
21	Bnd-14	PO.21	376153.694	2252260.395	E85°48'48.13065"	N20°21'52.08129"
22	N3.	PO.22	376146.346	225218.581	E85°48'47.88764"	N20°21'50.71963"
23	Bnd-15	PO.23	376141.800	2252186.130	E85°48'47.73891"	N20°21'49.66314"
24	N4.	PO.24	376145.881	2252176.405	E85°48'47.88209"	N20°21'49.34781"
25	Bnd-16	PO.25	376154.018	2252160.666	E85°48'48.16661"	N20°21'48.83781"
26	Bnd-17	PO.26	376155.590	2252151.774	E85°48'48.22303"	N20°21'48.54900"
27	Bnd-18	PO.27	376165.755	2252150.527	E85°48'48.57391"	N20°21'48.51082"
28	Bnd-19	PO.28	376164.403	2252133.175	E85°48'48.53161"	N20°21'47.94615"
29	Bnd-20	PO.29	376058.656	2252133.933	E85°48'44.88446"	N20°21'47.94601"
30	Bnd-21	PO.30	376058.633	2252135.446	E85°48'44.88329"	N20°21'47.99521"
31	M.	PO.31	375981.084	2252140.189	E85°48'42.20765"	N20°21'48.13125"
32	BND-23	PO.32	375955.185	2252141.409	E85°48'41.31415"	N20°21'48.16487"

SECRETARY
KISS

Asst. Secy. to the
Hon. Minister

Asst. Secy. to the
Hon. Minister

Asst. Secy. to the
Hon. Minister

LEGEND	
	DGPS OBSERVATION CO-ORDINATES OF GEOREFERENCED POINT
	DGPS OBSERVATION CO-ORDINATES OF PROJECT BOUNDARY PILLARS
	PROJECT BOUNDARY
	FOREST PLOT PROPOSED FOR DIVERSION

DGPS SURVEY CONDUCTED & MAP PREPARED BY:	
	Bhabu Nanda Panigrahi
	Jaydev Vihar Bhubaneswar
MAPTECH SOLUTIONS PVT.LTD. N-5/11, GROUND FLOOR JAYDEV VIHAR BHUBANESWAR	