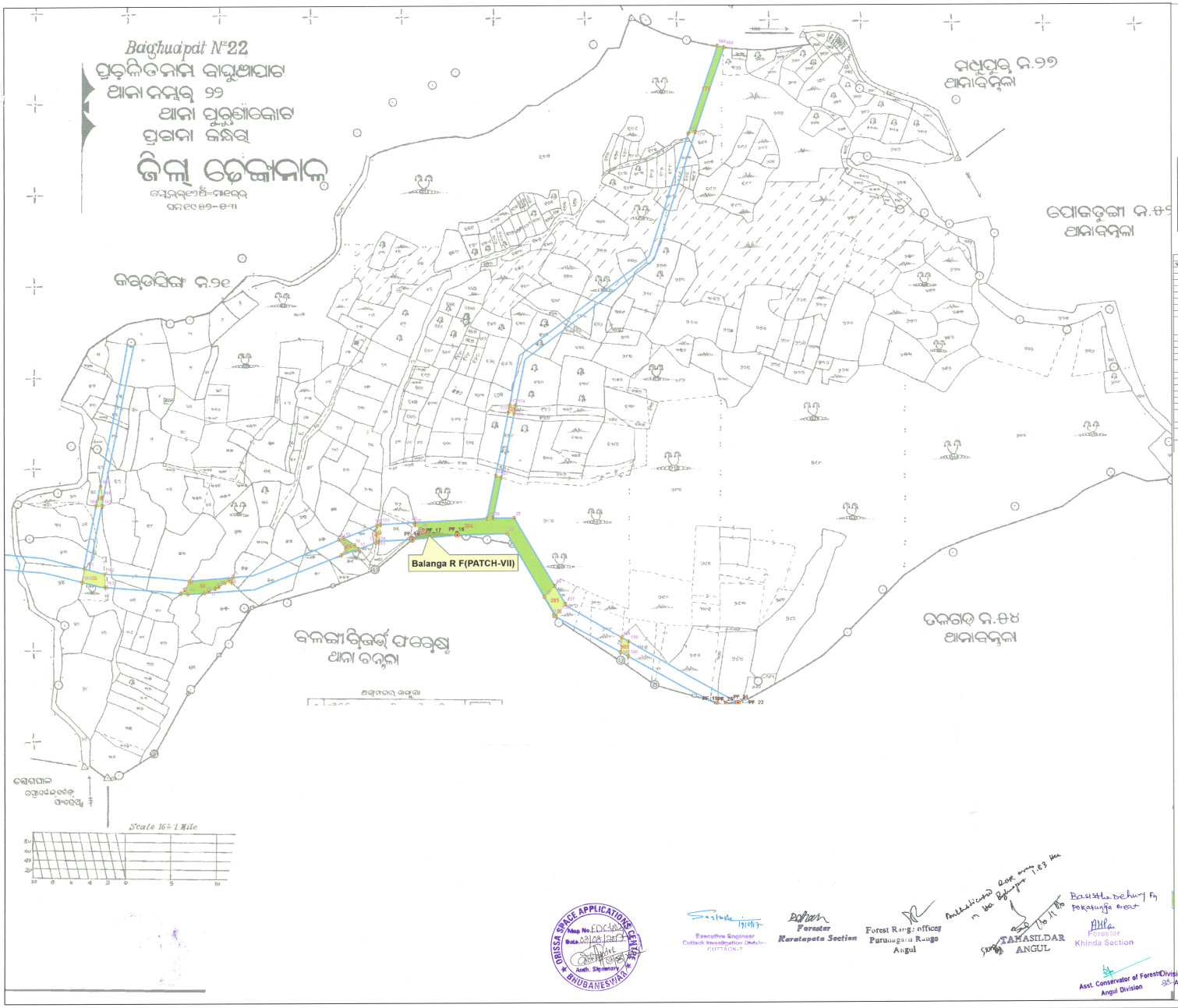
PLATE III A/1
Plate No. 2

MAP SHOWING DGPS SURVEYED FOREST AREA PROPOSED TO BE DIVERTED OF VILLAGE BAGHUAPAT AND BALANGA R.F UNDER HIDSING IRRIGATION PROJECT , DISTRICT ANGUL



N
W E
S

0 75 150 300 450 600 Meters

SCALE- 1:4000

DGPS SURVEYED POINT CO-ORDINATES FOR GEO-REFERENCING

Sl No	Pillar No	Northing	Easting	Longitude	Latitude
1	P_6	2291259.090	290662.325	20°42'32.97861"	84°59'23.78040"
2	P_2A	2291714.969	291246.760	20°42'48.03445"	84°59'43.77840"
3	P_4	2292222.904	291538.363	20°43'04.66441"	84°59'53.63664"
4	P_1	2292884.552	292179.082	20°43'26.43146"	85°00'15.49404"
5	P_0	2292922.200	291807.271	20°43'27.50620"	85°00'02.63016"

CO-ORDINATE OF DERIVE FOREST BOUNDARY PILLARS

Sl No	Pillar id	Easting	Northing	Longitude	Latitude
1	1	290821.9276	2291667.95	84°59'29.91950"	20°42'46.30384"
2	2	290880.7694	2291677.888	84°59'29.4738"	20°42'46.49868"
3	3	290841.6758	2291686.254	84°59'29.79448"	20°42'47.00068"
4	4	290841.2517	2291691.582	84°59'29.8114"	20°42'47.11104"
5	5	290931.1819	2291699.984	84°59'26.66287"	20°42'47.81410"
6	6	290933.3895	2291687.896	84°59'26.56225"	20°42'47.02788"
7	7	290928.0834	2291691.938	84°59'26.77737"	20°42'47.15348"
8	8	290908.6746	2291681.144	84°59'27.49208"	20°42'47.0443"
9	9	290905.3821	2291677.958	84°59'27.59884"	20°42'46.99436"
10	10	290897.8868	2291671.599	84°59'27.92856"	20°42'46.94344"
11	11	290881.9978	2291668.922	84°59'28.52868"	20°42'46.86401"
12	12	290867.8984	2291667.824	84°59'28.85256"	20°42'46.82648"
13	13	290847.4896	2291666.292	84°59'29.83059"	20°42'46.75548"
14	14	290768.6954	2291680.575	84°59'33.04837"	20°42'47.11186"
15	15	291777.8727	2291791.328	84°59'11.85000"	20°42'50.25662"
16	16	291271.4382	2291756.681	84°59'42.18395"	20°42'49.78244"
17	17	291218.673	2291746.647	84°59'42.49104"	20°42'49.50452"
18	18	291171.4515	2291747.227	84°59'43.19182"	20°42'49.05351"
19	19	291181.1567	2291792.43	84°59'43.12988"	20°42'49.55148"
20	20	291193.8654	2291817.876	84°59'46.74300"	20°42'51.41494"
21	21	291189.3763	2291834.495	84°59'52.31487"	20°42'51.75754"
22	22	291509.4152	2291918.665	84°59'51.76387"	20°42'54.82728"
23	23	291520.9688	2291930.06	84°59'51.34195"	20°42'54.70108"
24	24	291501.7099	2291817.006	84°59'52.17365"	20°42'51.78606"
25	25	291548.0235	2291817.058	84°59'54.16080"	20°42'51.70968"
26	26	291685.7091	2291678.938	84°59'59.21268"	20°42'47.00304"
27	27	291613.8302	2291653.898	84°59'56.48029"	20°42'46.19628"
28	28	291541.8649	2291653.963	84°59'54.62947"	20°42'46.08648"
29	29	291339.5476	2291790.991	84°59'46.91189"	20°42'50.45428"
30	30	291345.7616	2291803.146	84°59'47.16157"	20°42'50.94072"
31	31	291333.5052	2291812.972	84°59'46.73364"	20°42'51.25535"
32	130	291250.9885	2291812.491	84°59'49.88280"	20°42'51.20640"
33	131	291258.6085	2291813.772	84°59'49.54524"	20°42'51.25140"
34	132	291254.5734	2291796.488	84°59'49.69179"	20°42'50.69748"
35	133	291248.6633	2291774.383	84°59'49.81872"	20°42'49.96655"
36	134	291240.0789	2291780.808	84°59'49.82628"	20°42'50.44840"
37	135	291837.2626	2291613.604	84°59'57.31440"	20°42'44.89596"
38	136	291846.5765	2291621.374	84°59'57.62644"	20°42'45.15264"
39	137	291658.8375	2291638.951	84°59'58.04880"	20°42'45.72900"
40	138	291781.6353	2291563.994	85°00'02.32380"	20°42'43.34112"
41	139	291796.1901	2291555.532	85°00'02.83032"	20°42'43.07220"
42	140	291795.5418	2291522.526	85°00'02.82004"	20°42'41.99858"
43	141	291778.7207	2291531.91	85°00'02.28648"	20°42'42.297.1"
44	160	290607.8169	2291689.542	84°59'21.71220"	20°42'46.95048"
45	161	290612.9951	2291710.262	84°59'21.67852"	20°42'47.91853"
46	162	290657.4759	2291707.628	84°59'19.63004"	20°42'47.54464"
47	163	290657.7717	2291678.071	84°59'23.44308"	20°42'46.59758"
48	164	290638.2358	2291857.151	84°59'22.69140"	20°42'52.41132"
49	165	290651.344	2291856.4	84°59'23.19576"	20°42'52.39260"
50	166	290652.0763	2291876.095	84°59'23.16156"	20°42'53.00125"
51	167	290648.6267	2291900.122	84°59'23.03232"	20°42'53.81244"
52	168	291992.9489	2292861.691	85°00'09.07200"	20°43'25.61375"
53	169	292007.5549	2292856.929	85°00'09.57780"	20°43'25.52988"
54	170	291948.43	2292672.751	85°00'07.51068"	20°43'19.45232"
55	171	291930.3976	2292669.767	85°00'06.99228"	20°43'19.34804"
56	172	291535.5159	2292059.97	84°59'53.64276"	20°42'59.36688"
57	173	291538.5913	2292075.681	84°59'53.74212"	20°42'59.87880"
58	174	291552.5725	2292074.546	84°59'54.19104"	20°42'59.84212"
59	175	291549.2618	2292057.81	84°59'54.089.76"	20°42'59.30172"

DGPS SURVEYED OF BALANGA RESERVED FOREST PILLARS

Sl_No	Pillar_No	Northing	Easting	Longitude	Latitude
1	PF_16	2291791.104	291425.137	84°59'49.90920"	20°42'50.58144"
2	PF_17	2291798.896	291351.381	84°59'47.35716"	20°42'50.80500"
3	PF_18	2291780.754	291327.546	84°59'46.54140"	20°42'50.20560"

AREA STATISTICS OE FOREST PLOTS PROPOSED TO BE DIVERTED

Sl-No	Village-Name	Plot_No	Type	Req. area-Ha.	Map area-Ha.
1	Baghuapat	53	DLC	0.279	0.225
2	Baghuapat	59	DLC	0.045	0.066
3	Baghuapat	284	DLC	0.684	1.239
4	Baghuapat	175	DLC	0.3	0.279
5	Baghuapat	25	Village Forest	0.166	0.146
6	Baghuapat	288/842	Village Forest	0.012	0.026
7	Baghuapat	285	Village Forest	0.19	0.148
8	Baghuapat	288/802	Village Forest	0.077	0.053
9	Baghuapat	19	Village Forest	0.049	0.037
10	Baghuapat	126	Village Forest	0.028	0.021
	Total area =			1.83	2.24

AREA STATICS OF FOREST PROPOSED TO BE DIVERTED

Sl_No.	Name	Type	Req.Area.Ha	Map.Area.Ha	Patch
1	Balanga R F	Right Canal	0.154	0.154	Patch-VII
	Total=		0.154	0.154	

Legend

- Georeferencing Points
- Derive Points
- R F Pillars
- Canal Corridor
- DLC Forest
- Village Forest
- Reserved Forest

Surveyed & Prepared by -:

Visiontek Consultancy Services Pvt Ltd
(An Entire Engineering Consultancy)

ORISSA SPACE APPLICATIONS CENTRE BHUBANESWAR
Map No. EDC-VIII
Date 02/05/2017
Asstt. Statistician

Executive Engineer
Cuttack Investigation Division
CUTTACK-7

Forester
Karatapata Section

Forest Range officer
Purunagarh Range
Angul

Additional area over 1.83 Ha in the Baghuapat

TAHASILDAR
ANGUL

Forester
Khinda Section

Asst. Conservator of Forest
Angul Division

Divisional Forest Officer
Angul, Division