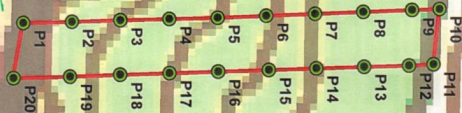


DGPS SURVEYED MAP SHOWING THE DIVERSION OF FOREST LAND FOR ERECTION OF 220 KV DC LINE FROM 400/220 KVSS JAMMALAMADUGU TOPROPOSED 220/132/33 KV SS BETHAMCHERLA IN KURNOOL DISTRICT F/O SE IN COMARTMENT NO.313, IN GULMALIABAD SOUTH RF OF GULMALIABAD BEAT, DHONE RANGE INKURNOOLDIVISION.

SURVEYED AREA : 0.87 HA

Name	Northing	Easting	Elevation	Latitude	Longitude
P1	1694254.267	199525.621	242.389	15.30730986	78.20201021
P2	1694284.286	199524.680	232.227	15.30758083	78.20199785
P3	1694314.210	199523.711	243.733	15.30785093	78.20198524
P4	1694344.344	199522.858	258.888	15.30812295	78.20197369
P5	1694374.250	199521.904	260.513	15.30839289	78.20196122
P6	1694404.183	199520.596	276.395	15.30866304	78.20194546
P7	1694434.262	199519.412	284.345	15.30893452	78.20193083
P8	1694464.198	199518.038	292.492	15.30920468	78.20191445
P9	1694494.185	199516.809	294.997	15.30947533	78.20189942
P10	1694511.292	199516.011	295.943	15.30962971	78.20188994
P11	1694507.499	199550.347	295.730	15.30959946	78.20220986
P12	1694492.491	199551.059	294.693	15.30946402	78.20221828
P13	1694464.717	199551.923	293.260	15.30921332	78.20222966
P14	1694435.216	199553.085	289.086	15.30894705	78.20224401
P15	1694405.940	199554.272	282.292	15.30868283	78.20225857
P16	1694374.602	199555.357	272.405	15.30839997	78.20227242
P17	1694344.528	199556.363	258.269	15.30812851	78.20228539
P18	1694314.098	199557.553	246.587	15.30785386	78.20230012
P19	1694283.300	199558.672	232.109	15.30757588	78.20231423
P20	1694248.309	199559.824	244.898	15.30726004	78.20232914



Legend

- DGPS POINTS
- DGPS SURVEYED AREA

For VASUDHA GEO SERVICES
K Rajasekar Reddy

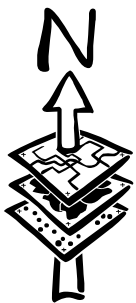
Superintending Engineer
Construction Circle, AP, Tirumala
KURNOOL

District Forest Officer
KURNOOL

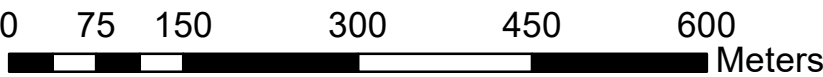
Executive Engineer
Construction Division
AP TRANSCO, KURNOOL.

Range Officer FOREST RANGE OFFICER
RAVAGANAPALLI

Map Showing the DGPS Survey of Proposal for Diversion of Forest land for Erection of 220 KV DC line from 400/220 KVSS Jammalamadugu to Proposed 220/132/33 KV SS Bethamcherla in Kurnool District Passing through Compartment No-334 of Rangapuram RF Block, Rangapuram Beat, Dhone Range, Kurnool Division (STRETCH-II).



1:6500



Legend

- DGPS SURVEYED POINTS
- DGPS SURVEYED TOWER LOCATIONS
- PROPOSED DIVERSION(FOREST) AREA
- NON FOREST AREA
- CENTRAL LINE

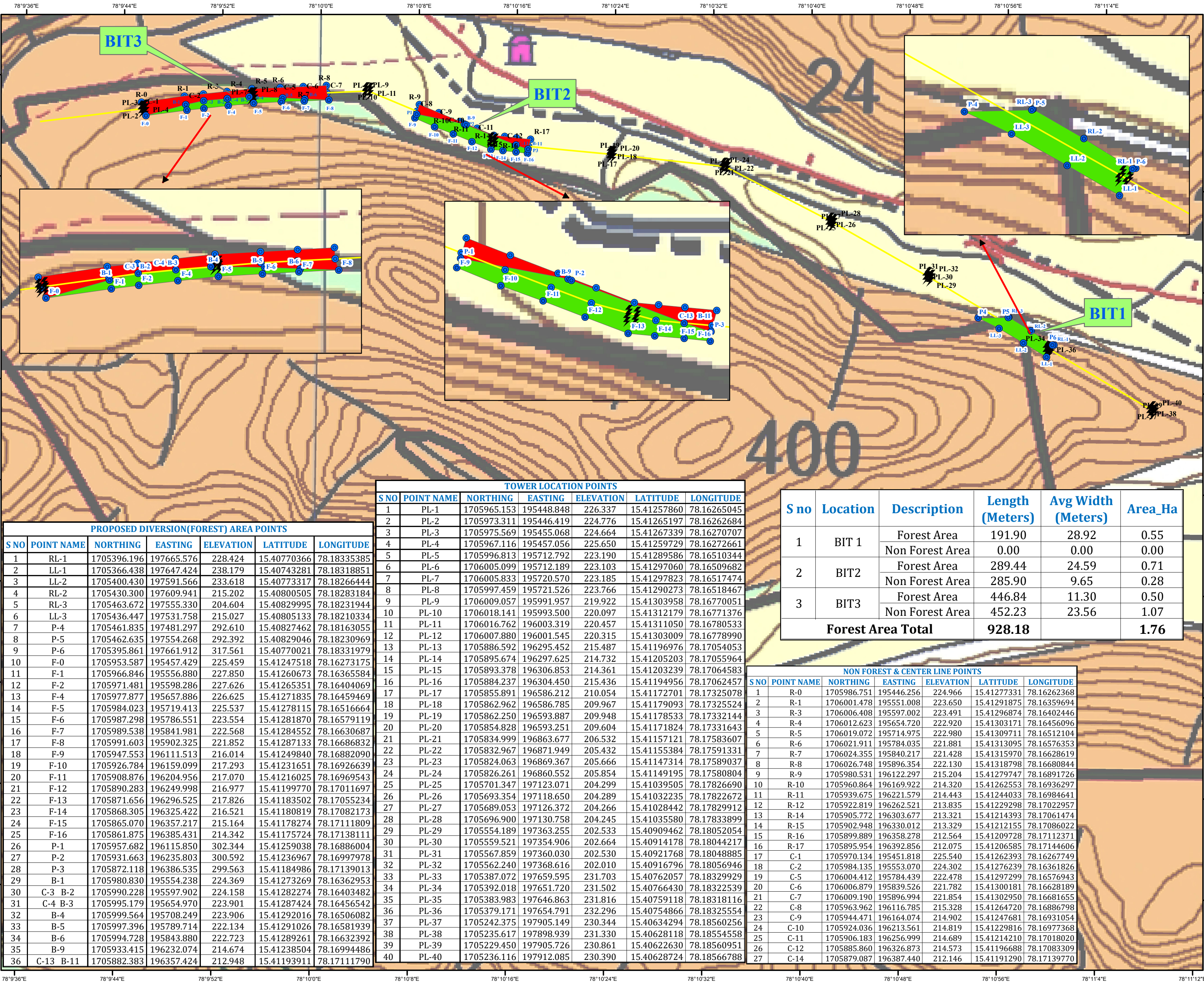
FBO

FSO

FRO

DFO

DHARITRI SURVEYORS AND GIS SERVICES (OPC) Pvt Ltd.



PROPOSED DIVERSION(FOREST) AREA POINTS					
S NO	POINT NAME	NORTHING	EASTING	ELEVATION	LONGITUDE
1	RL-1	1705396.196	197665.576	228.424	15.40770366
2	LL-1	1705366.438	197647.424	238.179	15.40743281
3	LL-2	1705400.430	197591.566	233.618	15.40773317
4	RL-2	1705430.300	197609.941	215.202	15.40800505
5	RL-3	1705463.672	197555.330	204.604	15.40829995
6	LL-3	1705436.447	197531.758	215.027	15.40805133
7	P-4	1705461.835	197481.297	292.610	15.40827462
8	P-5	1705462.635	197554.268	292.392	15.40829046
9	P-6	1705395.861	197661.912	317.561	15.40770021
10	F-0	1705953.587	195457.429	225.459	15.41247518
11	F-1	1705966.846	195556.880	227.850	15.41260673
12	F-2	1705971.481	195598.286	227.626	15.41265351
13	F-4	1705977.877	195657.886	226.625	15.41271835
14	F-5	1705984.023	195719.413	225.537	15.41278115
15	F-6	1705987.298	195786.551	223.554	15.41281870
16	F-7	1705989.538	195841.981	222.568	15.41284552
17	F-8	1705991.603	195902.325	221.852	15.41287133
18	F-9	1705947.553	196111.513	216.014	15.41249840
19	F-10	1705926.784	196159.099	217.293	15.41231651
20	F-11	1705908.876	196204.956	217.070	15.41216025
21	F-12	1705890.283	196249.998	216.977	15.41199770
22	F-13	1705871.656	196296.525	217.826	15.41183502
23	F-14	1705868.305	196325.422	216.521	15.41180819
24	F-15	1705865.070	196357.217	215.164	15.41178274
25	F-16	1705861.875	196385.431	214.342	15.41175724
26	P-1	1705957.682	196115.850	302.344	15.41259038
27	P-2	1705931.663	196235.803	300.592	15.41236967
28	P-3	1705872.118	196386.535	299.563	15.41184986
29	B-1	1705980.830	195554.238	224.369	15.41273269
30	C-3 B-2	1705990.228	195597.902	224.158	15.41282274
31	C-4 B-3	1705995.179	195654.970	223.901	15.41287424
32	B-4	1705999.564	195708.249	223.906	15.41292016
33	B-5	1705997.396	195789.714	222.134	15.41291026
34	B-6	1705994.728	195843.880	222.723	15.41289261
35	B-9	1705933.415	196232.074	214.674	15.41238504
36	C-13 B-11	1705882.383	196357.424	212.948	15.41193911

TOWER LOCATION POINTS					
S NO	POINT NAME	NORTHING	EASTING	ELEVATION	LATITUDE
1	PL-1	1705965.153	195448.848	226.337	15.41257860
2	PL-2	1705973.311	195446.419	224.776	15.41265197
3	PL-3	1705975.569	195455.068	224.664	15.41267339
4	PL-4	1705967.116	195457.056	225.650	15.41259729
5	PL-5	1705996.813	195712.792	223.190	15.41289586
6	PL-6	1706005.099	195712.189	223.103	15.41297060
7	PL-7	1706005.833	195720.570	223.185	15.41297823
8	PL-8	1705997.459	195721.526	223.766	15.41290273
9	PL-9	1706009.057	195991.957	219.922	15.41303958
10	PL-10	1706018.141	195993.500	220.097	15.41312179
11	PL-11	1706016.762	196003.319	220.457	15.41311050
12	PL-12	1706007.880	196001.545	220.315	15.41303009
13	PL-13	1705886.592	196295.452	215.487	15.41196976
14	PL-14	1705895.674	196297.625	214.732	15.41205203
15	PL-15	1705893.378	196306.853	214.361	15.41203239
16	PL-16	1705884.237	196304.450	215.436	15.41194956
17	PL-17	1705855.891	196586.212	210.054	15.41172701
18	PL-18	1705862.962	196586.785	209.967	15.41179093
19	PL-19	1705862.250	196593.887	209.948	15.41178533
20	PL-20	1705854.828	196593.251	209.604	15.41171824
21	PL-21	1705834.999	196863.677	206.532	15.41157121
22	PL-22	1705832.967	196871.949	205.432	15.41155384
23	PL-23	1705824.063	196869.367	205.666	15.41147314
24	PL-24	1705826.261	196860.552	205.854	15.41149195
25	PL-25	1705701.347	197123.071	204.299	15.41039505
26	PL-26	1705693.354	197118.650	204.289	15.41032235
27	PL-27	1705689.053	197126.372	204.266	15.41028442
28	PL-28	1705696.900	197130.758	204.245	15.41035580
29	PL-29	1705554.189	197363.255	202.533	15.40909462
30	PL-30	1705559.521	197354.906	202.664	15.40914178
31	PL-31	1705567.859	197360.030	202.530	15.40921768
32	PL-32	1705562.240	197368.616	202.010	15.40916796
33	PL-33	1705387.072	197659.595	231.703	15.40762057
34	PL-34	1705392.018	197651.720	231.502	15.40766430
35	PL-35	1705383.983	197646.863	231.816	15.40759118
36	PL-36	1705379.171	197654.791	232.296	15.40754866
37	PL-37	1705242.375	197905.149	230.344	15.40634294
38	PL-38	1705235.617	197898.939	231.330	15.40628118
39	PL-39	1705229.450	197905.726	230.861	15.40622630
40	PL-40	1705236.116	197912.085	230.390	15.40628724

S no	Location	Description	Length (Meters)	Avg Width (Meters)	Area_Ha
1	BIT 1	Forest Area	191.90	28.92	0.55
		Non Forest Area	0.00	0.00	0.00
2	BIT2	Forest Area	289.44	24.59	0.71
		Non Forest Area	285.90	9.65	0.28
3	BIT3	Forest Area	446.84	11.30	0.50
		Non Forest Area	452.23	23.56	1.07
Forest Area Total			928.18		1.76

NON FOREST & CENTER LINE POINTS					
S NO	POINT NAME	NORTHING	EASTING	ELEVATION	LONGITUDE
1	R-0	1705986.751	195446.256	224.966	15.41277331
2	R-1	1706001.478	195551.008	223.650	15.41291875
3	R-3	1706006.408	195597.002	223.491	15.41296874
4	R-4	1706012.623	195654.720	222.920	15.41303171
5	R-5	1706019.072	195714.975	222.980	15.41309711
6	R-6	1706021.911	195784.035	221.881	15.41313095
7	R-7	1706024.355	195840.217	221.428	15.41315970
8	R-8	1706026.748	195896.354	222.130	15.41318798
9	R-9	1705980.531	196122.297	215.204	15.41279747
10	R-10	1705960.864	196169.922	214.320	15.41262553
11	R-11	1705939.675	196221.579	214.443	15.41244033
12	R-12	1705922.819	196262.521	213.835	15.41229298
13	R-14	1705905.772	196303.677	213.321	15.41214393
14	R-15	1705902.948	196330.012	213.329	15.41212155
15	R-16	1705899.889	196358.278	212.564	15.41209728
16	R-17	1705895.954	196392.856	212.075	15.41206585
17	C-1	1705970.134	195451.818	225.540	15.41262393
18	C-2	1705984.135	195553.070	224.302	15.41276239
19	C-5	1706004.412	195784.439	222.478	15.41297299
20	C-6	1706006.879	195839.526	221.782	15.41300181
21	C-7	1706009.190	195896.994	221.854	15.41302950
22	C-8	1705963.962	196116.785	215.328	15.41264720
23	C-9	1705944.471	196164.074	214.902	15.41247681
24	C-10	1705924.036	196213.561	214.819	15.41229816
25	C-11	1705906.183	196256.999	214.689	15.41214210
26	C-12	1705885.860	196326.873	214.573	15.41196688
27	C-14	1705879.087	196387.440	212.146	15.41191290