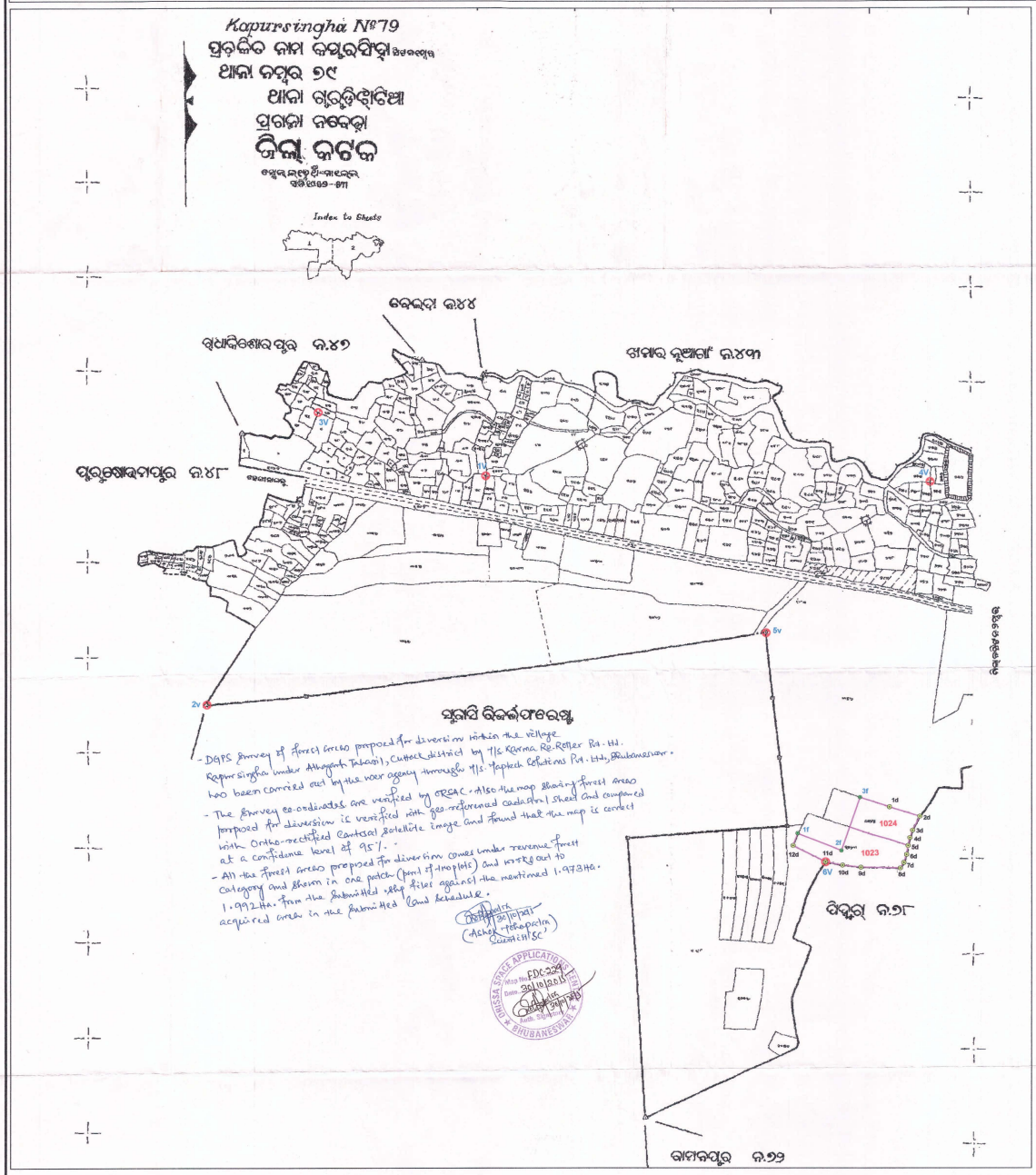
GEOREFERENCED MAP SHOWING 1.97 Ha. FOREST LAND PROPOSED FOR DIVERSION IN VILLAGE KAPURSINGHA UNDER ATHGARH TAHASIL OF CUTTACK DISTRICT PROPOSED FOR DIVERSION OF M/s KARMA RE-ROLLERS PVT. LTD., BHUBANESWAR

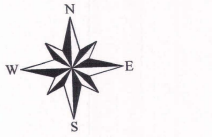


- DGPS Survey of forest areas proposed for diversion within the village Kapursingha under Athagarh Tahasil, Cuttack district by M/s Karma Re-Roller Pvt. Ltd. has been carried out by the user agency through M/s Maptech Solutions Pvt. Ltd., Bhubaneswar.
- The survey co-ordinates are verified by OSAC. Also the map showing forest areas proposed for diversion is verified with geo-referenced cadastral sheet and compared with Ortho-rectified Cartosat satellite image and found that the map is correct at a confidence level of 95%.
- All the forest areas proposed for diversion comes under reserve forest category and shown in one patch (part of Jhoplots) and marked out to 1.992 Ha. from the submitted map files against the mentioned 1.973 Ha. acquired area in the submitted land schedule.

(Achal Kshetrapala)
Cuttack SC

Map No. FDC-229
Date 30/10/2021
Date 30/10/2021

STATE SPACE APPLICATION CENTRE ODISHA
BHUBANESWAR



SCALE- 16"=1 Mile

DGPS OBSERVATION COORDINATES FOR GEOREFERENCING				
ID	Easting	Northing	Longitude	Latitude
1V	372008.646	2273114.289	E85°46'19.79063"	N20°33'09.32205"
2v	371415.889	2272655.922	E85°45'59.44283"	N20°32'54.26942"
3V	371667.604	2273259.399	E85°46'07.97690"	N20°33'13.95781"
4V	372925.664	2273069.235	E85°46'51.46626"	N20°33'08.08036"
5v	372576.389	2272766.299	E85°46'39.48441"	N20°32'58.14312"
6V	372682.529	2272282.147	E85°46'43.27434"	N20°32'42.42307"

DGPS OBSERVATION COORDINATE OF FOREST PILLARS				
ID	Easting	Northing	Longitude	Latitude
1f	372627.598	2272343.653	E85°46'41.36180"	N20°32'44.41005"
2f	372716.604	2272304.579	E85°46'44.44507"	N20°32'43.16091"
3f	372758.796	2272414.594	E85°46'45.87347"	N20°32'46.74916"

DERIVED COORDINATES OF FOREST PILLARS				
Id	Easting	Northing	Longitude	Latitude
1d	372818.118	2272392.513	85°46'47.92743"	20°32'46.04544"
2d	372880.089	2272370.585	85°46'50.07282"	20°32'45.34734"
3d	372864.358	2272341.665	85°46'49.53711"	20°32'44.40297"
4d	372858.161	2272326.728	85°46'49.32700"	20°32'43.91568"
5d	372853.870	2272310.044	85°46'49.18317"	20°32'43.37202"
6d	372850.216	2272291.611	85°46'49.06173"	20°32'42.77166"
7d	372843.860	2272275.086	85°46'48.84654"	20°32'42.23266"
8d	372836.073	2272263.963	85°46'48.58057"	20°32'41.86902"
9d	372755.034	2272268.571	85°46'45.78130"	20°32'41.99918"
10d	372717.534	2272273.973	85°46'44.48510"	20°32'42.16577"
11d	372682.529	2272282.147	85°46'43.27434"	20°32'42.42307"
12d	372616.474	2272318.465	85°46'40.98422"	20°32'43.58817"

Legend

- DGPS Observation for Georeferencing
- DGPS Observations of Forest Pillars
- Derived Forest Pillars
- Forest Land proposed for diversion

AREA STATISTICS OF FOREST LAND PROPOSED FOR DIVERSION							
Plotno.	Type	ROR Area proposed	Map Area	ROR Area proposed	Map Area	Difference	
						Ac.	Ha.
1023	Jhati Jungle	2.625	2.881	1.062	1.166	0.256	0.104
1024	Jhati Jungle	2.25	2.040	0.911	0.826	-0.210	-0.085
Total		4.875	4.921	1.973	1.992	0.046	0.019

DGPS Survey Conducted and Map Prepared by:

MAPTECH SOLUTIONS PVT. LTD.
N-5/111, GROUND FLOOR
JAYDEV VIHAR, BHUBANESWAR