

GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE DIVERT/MODIFY CORRIDOR OF 400 KV DC TALCHER - MERAMUNDI TRANSMISSION LINE
OF POWER GRID CORPORATION OF INDIA LIMITED FROM RLY CH-4746 TO RLY CH-5125-5226 OF RAIL VIKAS NIGAM LIMITED. UNDER DHENKANAL FOREST DIVISION
VILLAGE : KAMALANGA, SHEET-2 TAHASIL: ODAPADA, THANA NAME & No. - MOTANGA-02.

ନୌଜା-କମଳାଙ୍ଗ, ପିଟ ନଂ ୨

କମଳାଙ୍ଗ, ଷିଟ୍ ନଂ ୨
KAMALANGA, SHEET No.2

Thana - Motang, No. 2

ଜିଲ୍ଲା-ଦେଶାଳୟ

ସ୍କେଲ୍ ୧:୨୫୦୦୦ Scale 1:25000

ସନ ୧୯୮୫-୮୬ YEAR 1985-86



0 50 100 200 300 400

Meters

SCALE - 1 : 3960

(Co-ordinate System - WGS-1984 UTM 45N)

DGPS Surveyed Co-ordinates for Surveyed points of Forest patches

Sl. No.	Point No.	Latitude	Longitude	Easting	Northing
1	1001	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
2	1002	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
3	1003	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
4	1004	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
5	1005	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
6	1006	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
7	1007	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
8	1008	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
9	1009	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
10	1010	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000

DGPS Surveyed Co-ordinates for Angle and Azimuth Survey

Sl. No.	Point No.	Latitude	Longitude	Easting	Northing
1	1011	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
2	1012	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
3	1013	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
4	1014	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
5	1015	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
6	1016	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
7	1017	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
8	1018	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
9	1019	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
10	1020	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000

Derived Co-ordinates for Revenue/DL/Block Forest Patch

Sl. No.	Point No.	Latitude	Longitude	Easting	Northing
1	1021	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
2	1022	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
3	1023	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
4	1024	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
5	1025	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
6	1026	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
7	1027	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
8	1028	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
9	1029	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
10	1030	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000

Area Statistics of Revenue/DL/Block Forest Patch

Sl. No.	Point No.	Latitude	Longitude	Easting	Northing
1	1031	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
2	1032	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
3	1033	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
4	1034	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
5	1035	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
6	1036	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
7	1037	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
8	1038	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
9	1039	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
10	1040	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000

Area Statistics of Revenue/DL/Block Forest Patch

Sl. No.	Point No.	Latitude	Longitude	Easting	Northing
1	1041	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
2	1042	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
3	1043	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
4	1044	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
5	1045	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
6	1046	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
7	1047	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
8	1048	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
9	1049	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000
10	1050	20° 12' 30.0000" N	85° 32' 30.0000" E	308400.0000	208400.0000

DGPS Survey of forest area proposed for diversion in connection with Divert/Modify the power line crossing of 400 KV DC Talcher - Meramundi Transmission line of M/s. Power Grid Corporation of India Ltd. from Rly Ch. - 4746 to Rly Ch. - 5125-5226 of M/s. Rail Vikas Nigam Ltd. in village Kamalanga under Odapada Tahasil, Dhenkanal district has been carried out by M/s. PGCIL through M/s. Pioneer Geomatics Engineering Pvt. Ltd., Kolkata.

DGPS survey Co-ordinates are verified by ORSAC. Also maps showing forest area proposed for diversion are verified with geo-referenced cadastral sheet and compared with Ortho-rectified aerial satellite image and found that maps are correct at a confidence level of 95%.

Total forest area proposed for diversion comes under revenue forest category in one cadastral sheet of village Kamalanga and work out to 0.365 Ha. from the submitted map files against the mentioned area of 0.376 Ha. in the submitted map files.

For further details, please refer to the attached map files.



PIONEER
Geomatics Engineering Pvt. Ltd.

Head Office: 10/10, 10/11, 10/12, 10/13, 10/14, 10/15, 10/16, 10/17, 10/18, 10/19, 10/20, 10/21, 10/22, 10/23, 10/24, 10/25, 10/26, 10/27, 10/28, 10/29, 10/30, 10/31, 10/32, 10/33, 10/34, 10/35, 10/36, 10/37, 10/38, 10/39, 10/40, 10/41, 10/42, 10/43, 10/44, 10/45, 10/46, 10/47, 10/48, 10/49, 10/50, 10/51, 10/52, 10/53, 10/54, 10/55, 10/56, 10/57, 10/58, 10/59, 10/60, 10/61, 10/62, 10/63, 10/64, 10/65, 10/66, 10/67, 10/68, 10/69, 10/70, 10/71, 10/72, 10/73, 10/74, 10/75, 10/76, 10/77, 10/78, 10/79, 10/80, 10/81, 10/82, 10/83, 10/84, 10/85, 10/86, 10/87, 10/88, 10/89, 10/90, 10/91, 10/92, 10/93, 10/94, 10/95, 10/96, 10/97, 10/98, 10/99, 10/100, 10/101, 10/102, 10/103, 10/104, 10/105, 10/106, 10/107, 10/108, 10/109, 10/110, 10/111, 10/112, 10/113, 10/114, 10/115, 10/116, 10/117, 10/118, 10/119, 10/120, 10/121, 10/122, 10/123, 10/124, 10/125, 10/126, 10/127, 10/128, 10/129, 10/130, 10/131, 10/132, 10/133, 10/134, 10/135, 10/136, 10/137, 10/138, 10/139, 10/140, 10/141, 10/142, 10/143, 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