



No. E44F5
Scale 1:50,000

F44X4 (64P/4)	F44X8 (64P/8)	F44X12 (64P/12)
E44F1 (65M/1)	E44F5 (65M/5)	E44F9 (65M/9)
E44F2 (65M/2)	E44F6 (65M/6)	E44F10 (65M/10)

भारतीय सर्वेक्षण विभाग
SURVEY OF INDIA
1st Edition 2012.

CONVENTIONAL SYMBOLS	
Express Highway with toll with bridge with distance stone	
Roads, metalled: according to importance	
Unmetalled road: Cart-track: Path-track with pass: Foot-path	
Streams: with track in bed: undefined: Canal	
Dams: masonry or rock-filled: earthwork: Well	
River: dry with water channel: with island & rocks: Tidal river	
Submerged rocks: Shoal: Swamp: Floods	
Wells: lined: unlined: Tube-well: Spring: Tank: perennial: dry	
Embankment: road or rail: Bank: Broken ground	
Railways: broad gauge: double single with station: under construction	
Railways: other gauges: double: single with distance stone: do	
Mineral line or tramway: Kite: Casing with tunnel	
Contours with sub-features: Rocky slopes: Cliffs	
Sand features: (1) flat: (2) sand-hills (permanently): (3) dunes (shifting)	
Towns or Villages: inhabited: deserted: Fort	
Huts: permanent: temporary: Tower: Antiquities	
Tampla: Chhatra: Church: Mosque: Idgah: Tomb: Graves	
Lighthouses: Lightships: Buoys: lighted: unlighted: Anchorage	
Mine: Vind on mts: Great: Small	
Palms: palmyra: other: Pteris: Conifer: Bamboo: Other trees	
Areas: cultivated: wooded: Scrubbed: tree	
Boundary: International	
State: demarcated: undemarcated	
District: subdivision: taluk or taluk: forest	
Boundary pillars: surveyed: unsurveyed	
Height: trigonometric station: pole: approximate	
Range: mer: geodetic: tertiary: canal	
Post office: Telegraph office: Overseas tank	
Rest house or inspection bungalow: Circuit house: Police station	
Camping ground: Forest: reserved: protected	
Spaced names: administrative: locality or tribal	
Hospital: Dispensary: Veterinary Hospital / Dispensary	
Aerodrome: Helipad: Tourist site	
Power line: with pylons surveyed: with poles unsurveyed	

REFERENCES
PWC Primary Health Centre. PWD Public Works Department.

NOTES :-
Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, as represented by the approximate height, in metres, between the top and bottom of a steep slope.
The exterior boundaries of towns or villages are shown by green ribbons.
Name or temporarily cultivated areas occur throughout the jungle; they are normally abandoned after 2-3 years and are not shown.
Hand Pump is shown thus:

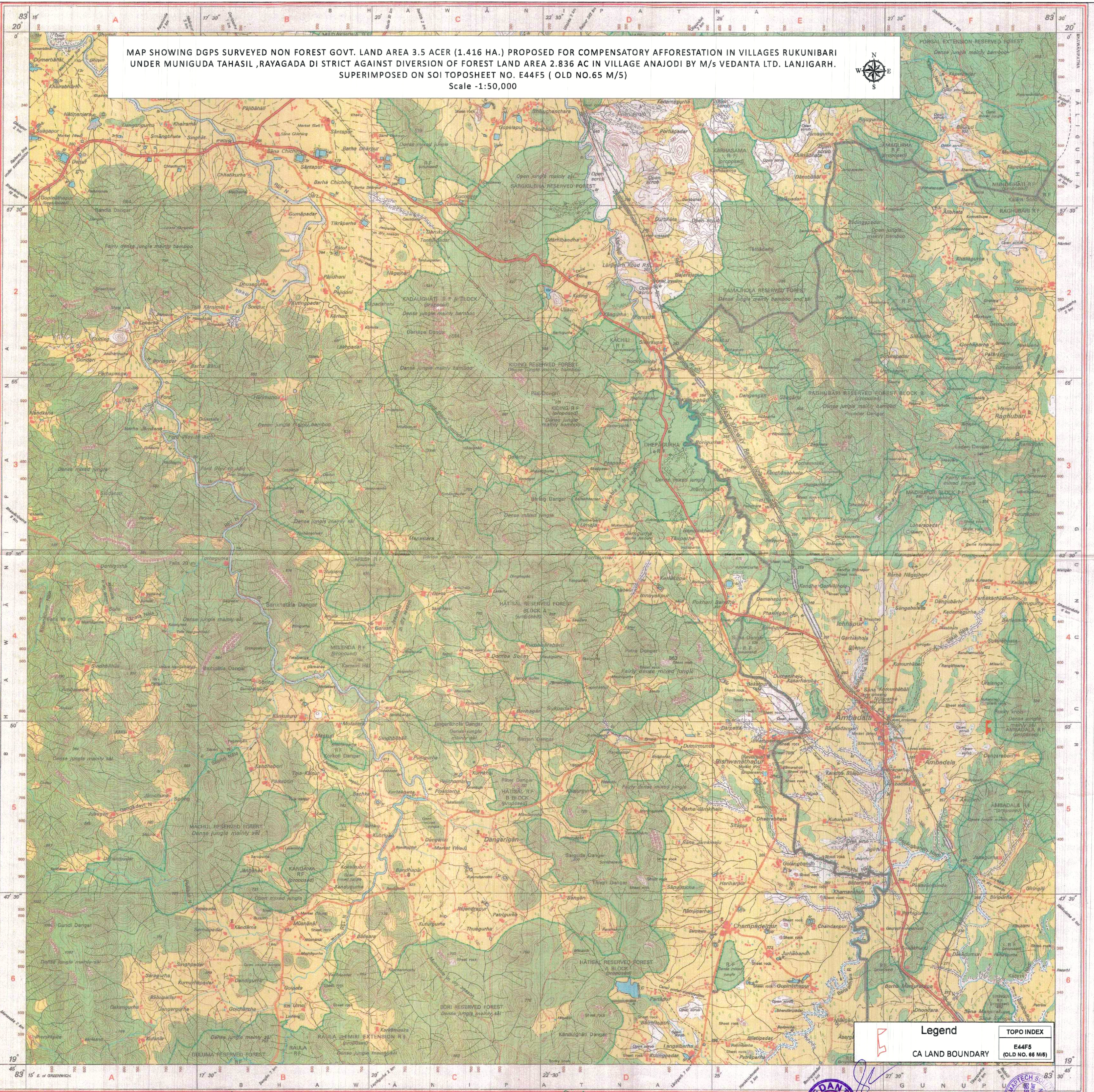
COMPILATION INDEX
A. Compiled from 1:25,000 survey 1980-81. Updated for major details during 2004-05.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 3° West in 2005.
(Annual change negligible).
1:50,000
500 m to 1 cm
2 cm to 1 km
3 Kilometres
CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Orissa Geo-Spatial Data Centre
Survey of India
Survey Bhawan, PO - R R Laboratory
Bhubaneswar

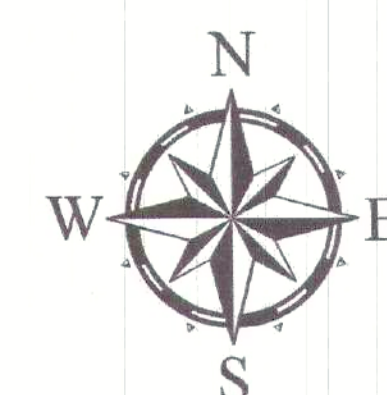
WEBSITE - www.surveyofindia.gov.in
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MAP SHOWING DGPS SURVEYED NON FOREST GOVT. LAND AREA 3.5 ACER (1.416 HA.) PROPOSED FOR COMPENSATORY AFFORESTATION IN VILLAGES RUKUNIBARI UNDER MUNIGUDA TAHASIL, RAYAGADA DISTRICT AGAINST DIVERSION OF FOREST LAND AREA 2.836 AC IN VILLAGE ANAJODI BY M/s VEDANTA LTD. LANJIGARH. SUPERIMPOSED ON SOI TOPOSHEET NO. E44F5 (OLD NO.65 M/5)
Scale -1:50,000



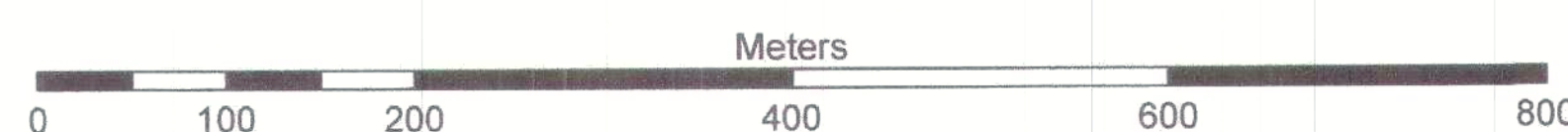
Legend	TOPO INDEX
	E44F5 (OLD NO. 65 M/5)
CA LAND BOUNDARY	

Revenue Inspector, Ambadala
Divisional Forest Officer, Rayagada Division
Forester, Ambadala Section
TAKSILAK MUNIGUDA
R. K. Kishore
Forest Range Officer, Muniguda Range
VEDANTA LIMITED
Panna Dam



GEO REFERENCE MAP SHOWING DGPS SURVEYED NON FOREST GOVT. LAND AREA 3.5 ACER (1.416 HA.) PROPOSED FOR COMPENSATORY AFFORESTATION IN VILLAGES RUKUNIBARI UNDER MUNIGUDA TAHASIL ,RAYAGADA DISTRICT AGAINST DIVERSION OF FOREST LAND AREA 2.836 AC IN VILLAGE ANAJODI BY M/s VEDANTA LTD. LANJIGARH."

SCALE:-1:3,960



RUKUNIBARI
 ମୌଜା - ଚୁକ୍‌ଶୀବାଡ଼ି
 ଥାନା - ସାମ୍ବାଦଲ୍
 ଥାନା ନମ୍ବର 152
 ଇଷ୍ଟେଟ - ଜୟପୁର
 ଜିଲ୍ଲା କୋଷ୍ଠାଳ

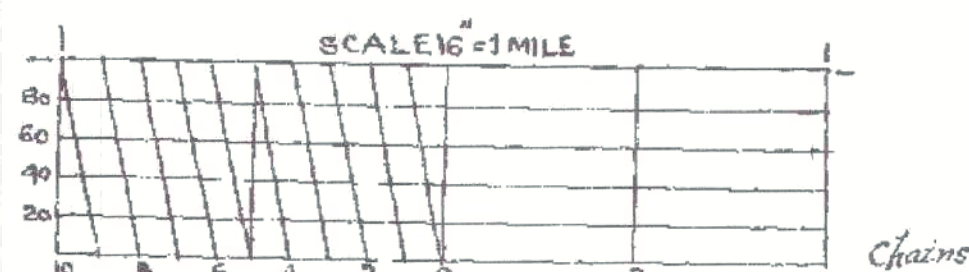
ପୃଷ୍ଠା 16 = 1 ମାଲ
ସନ 1956, 57 ମସିହା

ଉତ୍ତମ ଗ୍ରା. ୧.୧୫୩

ଆଇଂଲିସ୍

MADE ANI

M. C. Schuy
15 7-60
SETTLEMENT OFFICER & SURVEY OFFICER



DGPS Survey of Compensatory Afforestation land in Rukunibari Village, Muniguda Tahsil, Rayagada District in lieu of forest areas proposed for diversion for Y Connection of Railway Project of M/s Vedanta Ltd. in Rayagada District has been carried out by the user agency through M/s Maptech Solutions Pvt. Ltd., Bhubaneswar.

DGPS survey co-ordinates are verified by ORSAC. Also map showing identified Compensatory land is verified with surveyed points & compared with ortho rectified Cartosat-1 satellite image and found that maps are correct at a confidence level of 95%.

All the Compensatory Afforestation land comes in Rukunibari village under Muniguda Tahsil, Rayagada district.

Total Compensatory Afforestation area works out to 1.416Ha. from the submitted .shp files against the allotted area of 1.416Ha./3.500Ac. as per submitted record.

DGPS OBSERVATION CO-ORDINATES OF GEOREFERENCE POINT					
SL.NO	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	VP-1	760217.153	2195468.127	E83°29'04.11078"	N19°50'16.73893"
2	VP-2	760324.800	2194686.953	E83°29'07.41304"	N19°49'51.29777"
3	VP-3	759339.357	2194992.704	E83°28'33.72091"	N19°50'01.70607"
4	VP-4	759824.208	2195186.902	E83°28'50.47206"	N19°50'07.78648"
5	VP-5	759730.671	2194754.998	E83°28'47.04136"	N19°49'53.79339"
6	VP-6	759818.689	2195604.739	E83°28'50.21868"	N19°50'21.37349"
7	VP-7b	759532.211	2195448.148	E83°28'50.57455"	N19°50'16.41695"

SL.NO	POINT ID	MAP ID	EASTING	NORTHING	LONGITUDE	LATITUDE
0	Po-1	PO.1	760119.085	1949465.165	E83°29'00.31127"	N19°49'49.06292"
1	Po-2	PO.2	760114.150	194766.010	E83°29'00.21798"	N19°49'53.96806"
2	Po-3	PO.3	760113.068	194806.373	E83°29'00.20124"	N19°49'55.28043"
3	Po-4	PO.4	760110.815	194890.479	E83°29'00.16633"	N19°49'58.05152"
4	PO-5	PO.5	760110.036	194967.006	E83°29'00.17826"	N19°50'00.50277"
5	PO-6B	PO.6	760219.245	194966.690	E83°29'03.92906"	N19°50'00.44026"
6	Po-7	PO.7	760151.431	194904.090	E83°29'01.56825"	N19°49'58.43807"
7	Po-8F	PO.8	760112.956	194890.684	E83°29'00.23999"	N19°49'58.02075"
8	PO-9	PO.9	760114.843	194863.676	E83°29'00.29116"	N19°49'57.14206"
9	Po-10c	PO.10	760140.687	194724.567	E83°29'01.10848"	N19°49'52.60836"
10	PO-11	PO.11	760201.437	194756.771	E83°29'03.21128"	N19°49'53.62602"
11	PO-12	PO.12	760222.530	194691.234	E83°29'03.90263"	N19°49'51.48585"
12	PO-13	PO.13	760169.604	194675.153	E83°29'02.07669"	N19°49'50.98850"
13	PO-14	PO.14	760140.174	194653.882	E83°29'01.05515"	N19°49'50.31121"
14	PO-15	PO.15	760132.634	194632.389	E83°29'00.78531"	N19°49'49.61625"

AREA STATISTICS OF C.A LAND							
SL.NO	VILLAGE	PLOT	KISAM	TOTAL AREA (Acre)	ALLOTTED AREA (Acre)	ALLOTTED AREA (Hectare)	MAP AREA (Hectare)
1	RUKUNIBARI	75	PAHADDA	16.750	3.500	1.416	1.416
TOTAL AREA				16.750	3.500	1.416	1.416

Reverend Inspector,
Ambodala


Forester
Ambadala Section


TAHASILDAR
MUNIGUDA

Forest Range Officer
Muniguda Range

Divisonal Forest Office
Rayagada Division



LEGEND

- | | |
|---|---|
|  | DGPS OBSERVATION CO-ORDINATES OF GEOREFERENCE POINT |
|  | DGPS OBSERVATION CO-ORDINATES OF BOUNDARY PILLARS |
|  | C.A. LAND BOUNDARY |

DGPS SURVEY CONDUCTED & MAP PREPARED BY:

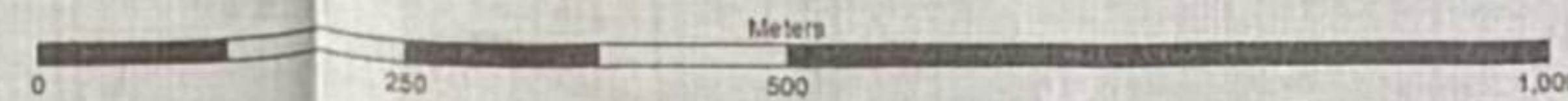
MAPTECH SOLUTIONS PVT.LTD.

N-5/111 , GROUND FLOOR
JAYDEV VIHAR BHUBANESWAR



GEOREFERENCE MAP SHOWING DGPS SURVEYED NON FOREST GOVT. LAND AREA 3.5 ACER (1.416 HA.) PROPOSED FOR COMPENSTATORY AFFORESTATION IN VILLAGE RUKUNIBARI UNDER MUNIGUDA TAHASIL, RAYAGADA DISTRICT AGAINST DIVERSION OF FOREST LAND AREA 2.836 AC (1.148 HA.) IN VILLAGE ANAJODI BY M/s VEDANTA LTD. LANJIGARH.

SCALE-1:3,960



RUKUNIBARI
ବୌଦ୍ଧ - ବୁଦ୍ଧବାରି
ଧାନ - ପାମୁର
ଧାନମୁର 152
ଇଷ୍ଟ - କାୟପୁର
କିଲ୍ଲୋରପୁର

ଓଡ଼ିଶା 16° 17' 00" N
83° 28' 50" E

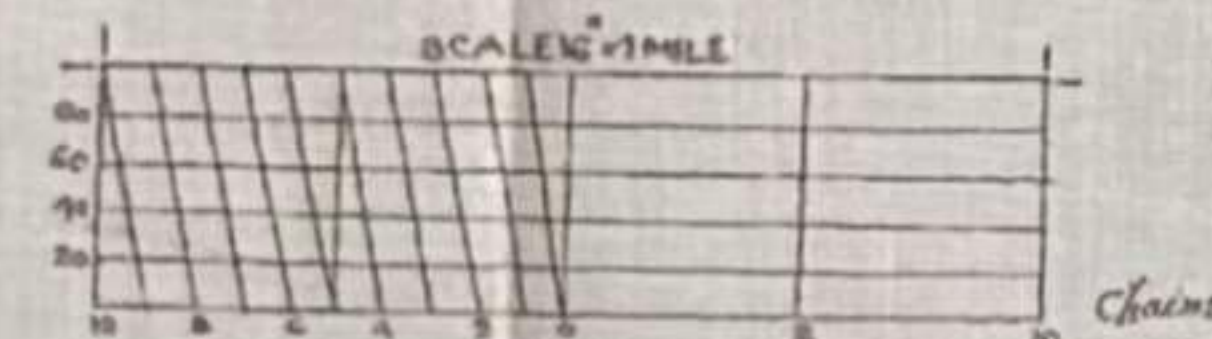
ଓଡ଼ିଶା 16° 15' 30" N



ଓଡ଼ିଶା 16° 15' 30" N

- REFERENCE
- village site
 - village path
 - Traverser station
 - monument
 - Field stone
 - Hill
 - clay ground
 - Cremation ground
 - Mangrove
 - Forest
 - area under reserved

ଓଡ଼ିଶା 16° 15' 30" N



MADE AND PUBLISHED UNDER THE AUTHORITY OF GOVERNMENT

M. S. Acharya
SETTLEMENT OFFICER & SURVEY OFFICER

CO-ORDINATES OF GEOREFERENCE POINT					
SL. NO.	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	VP-1	760217.153	2195468.127	E83°29'04.11078"	N19°50'16.73893"
2	VP-2	760324.8	2194686.953	E83°29'07.41304"	N19°49'51.29777"
3	VP-3	759339.357	2194992.704	E83°28'33.72091"	N19°50'01.70607"
4	VP-4	759824.208	2195186.902	E83°28'50.47206"	N19°50'07.78648"
5	VP-5	759730.671	2194754.998	E83°28'47.04136"	N19°49'53.79339"
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7	VP-7b	759532.211	2195448.148	E83°28'40.57455"	N19°50'16.41695"

GRID AZIMUTH (DERIVED FROM GIS) RUKUNIBARI

SL. NO.	DGPS ID	FROM	TO	FORE BEARING	BACK BEARING	PILLAR TO PILLAR DISTANCE (METER)	EASTING	NORTHING	LONGITUDE	LATITUDE
1	PO.1	PO.1	PO.2	358° 58' 9.0"	178° 58' 9.0"	150.86	760119.055	2194615.165	E83°29'00.31127"	N19°49'49.06292"
2	PO.2	PO.2	PO.3	359° 18' 26.8"	179° 18' 26.8"	40.36	760114.15	2194766.01	E83°29'00.21798"	N19°49'53.56806"
3	PO.3	PO.3	PO.4	359° 18' 30.8"	179° 18' 30.8"	84.1	760113.068	2194826.373	E83°29'00.20124"	N19°49'55.28041"
4	PO.4	PO.4	PO.5	9° 15' 35.4"	180° 15' 35.4"	76.5	760110.815	2194890.479	E83°29'00.16633"	N19°49'58.01512"
5	PO.5	PO.5	PO.6	91° 0' 31.8"	271° 0' 31.8"	109.16	760110.036	2194967.008	E83°29'00.17826"	N19°50'00.50277"
6	PO.6	PO.6	PO.7	228° 7' 58.4"	48° 7' 58.4"	92.25	760219.245	2194866.69	E83°29'01.92906"	N19°50'00.44026"
7	PO.7	PO.7	PO.8	251° 37' 59.1"	71° 37' 59.1"	40.73	760151.431	2194904.09	E83°29'01.56825"	N19°49'58.13807"
8	PO.8	PO.8	PO.9	176° 50' 46.9"	356° 50' 46.9"	27.06	760112.956	2194890.684	E83°29'00.23999"	N19°49'58.02075"
9	PO.9	PO.9	PO.10	170° 19' 6.4"	350° 19' 6.4"	141.43	760111.843	2194863.676	E83°29'00.23116"	N19°49'57.14206"
10	PO.10	PO.10	PO.11	62° 54' 52.9"	242° 54' 52.9"	68.73	760140.687	2194724.567	E83°29'01.10848"	N19°49'53.60836"
11	PO.11	PO.11	PO.12	163° 0' 9.2"	343° 0' 9.2"	68.82	760201.437	2194756.771	E83°29'03.21128"	N19°49'53.62602"
12	PO.12	PO.12	PO.13	253° 50' 32.9"	73° 50' 32.9"	55.29	760222.53	2194691.244	E83°29'03.90263"	N19°49'51.48555"
13	PO.13	PO.13	PO.14	253° 50' 32.9"	73° 50' 32.9"	55.29	760222.53	2194691.244	E83°29'03.90263"	N19°49'51.48555"
14	PO.14	PO.14	PO.15	208° 10' 28.2"	20° 10' 28.2"	22.77	760146.174	2194653.882	E83°29'01.05515"	N19°49'50.31121"
15	PO.15	PO.15	PO.1	219° 1' 58.1"	39° 1' 58.1"	21.91	760132.634	2194632.389	E83°29'00.78531"	N19°49'49.61625"

AREA STATISTICS OF C.A LAND

SL. NO.	TAHASIL	VILLAGE NAME	PLOT NO	KISAM	ALLOTTED AREA (Acre)	ALLOTTED AREA (Hectare)
1	Muniguda	Rukunibari	75/3	Pahad	3.500	1.4164
		TOTAL			3.500	1.4164

CERTIFICATE

LAND SCHEDULE OVER AN AREA 3.50 ACRES (1.4164) HA MUTATED IN FAVOUR OF FOREST & ENVIRONMENT DEPARTMENT, GOVT. OF ODISHA FOR RAISING COMPENSATORY AFFORESTATION AND PROPOSED FOR PF NOTIFICATION IN VILLAGE RUKUNIBARI UNDER MUNIGUDA TAHASIL OF RAYAGADA DISTRICT ODISHA IN LIEU OF DIVERSION OF 1.148 HA REVENUE FOREST LAND IN VILLAGE ANAJODI FOR Y CONNECTION RAILWAY LINE BY M/S VEDANTA LIMITED, LANJIGARH IN RAYAGADA FOREST DIVISION

NAME OF THE TAHASIL	VILLAGE NAME	KHATA NO	PLOT NO	KISAM	Area mutated (Acres)	Area mutated (Hector)	Boundary Description			
Muniguda	Rukunibari	75/1	75/3	Pahad	3.500	1.4164	North	South	East	West
			01 plot	Pahad	3.500	1.4164	74 (P)	53 & Village boundary	75	55/02 & 53

- Certified that the above non-forest Government land is in compact patches and in continuity fit for compensatory plantation and contiguous to R.
- Certified that these lands are not coming under reserve category like Gochar, Smasana (burning ghat), village forest etc.
- These areas have adequate soil depth to sustain plantation and area manageable from silvicultural point of view.
- Certified that the Government lands are found suitable for plantation.
- Certified that these lands are free from encroachment and encumbrances.
- Certified that the above land is not covered under Section 4(1) notification and do not come under any forest block.
- Certified that the above land is not coming under DIC land and forest land classification.
- Certified that the said non-forest land has not been allotted for raising Compensatory Afforestation for any other project.
- These lands can be given to Vedanta Limited, Lanjigarh, Odisha for using the same towards Compensatory Afforestation.
- RoR is as per the land record available as on 25.10.1980.
- Non-forest land identified in village Rukunibari under Muniguda Tahasil of Rayagada District proposed for declaration as Protected Forest under Section 33 of Odisha Forest Act, 1972 has not been declared as PF earlier.

LEGEND

- DGPS OBSERVATION CO-ORDINATES OF GEOREFERENCE POINTS
- DGPS OBSERVATION CO-ORDINATES OF BOUNDARY POINTS
- C.A. LAND BOUNDARY

DGPS SURVEY CONDUCTED & MAP PREPARED BY:

MAPTECH SOLUTIONS PVT.LTD.
N-3111, GROUND FLOOR
JAYDEVI VIHAR BHU BANSWAR

