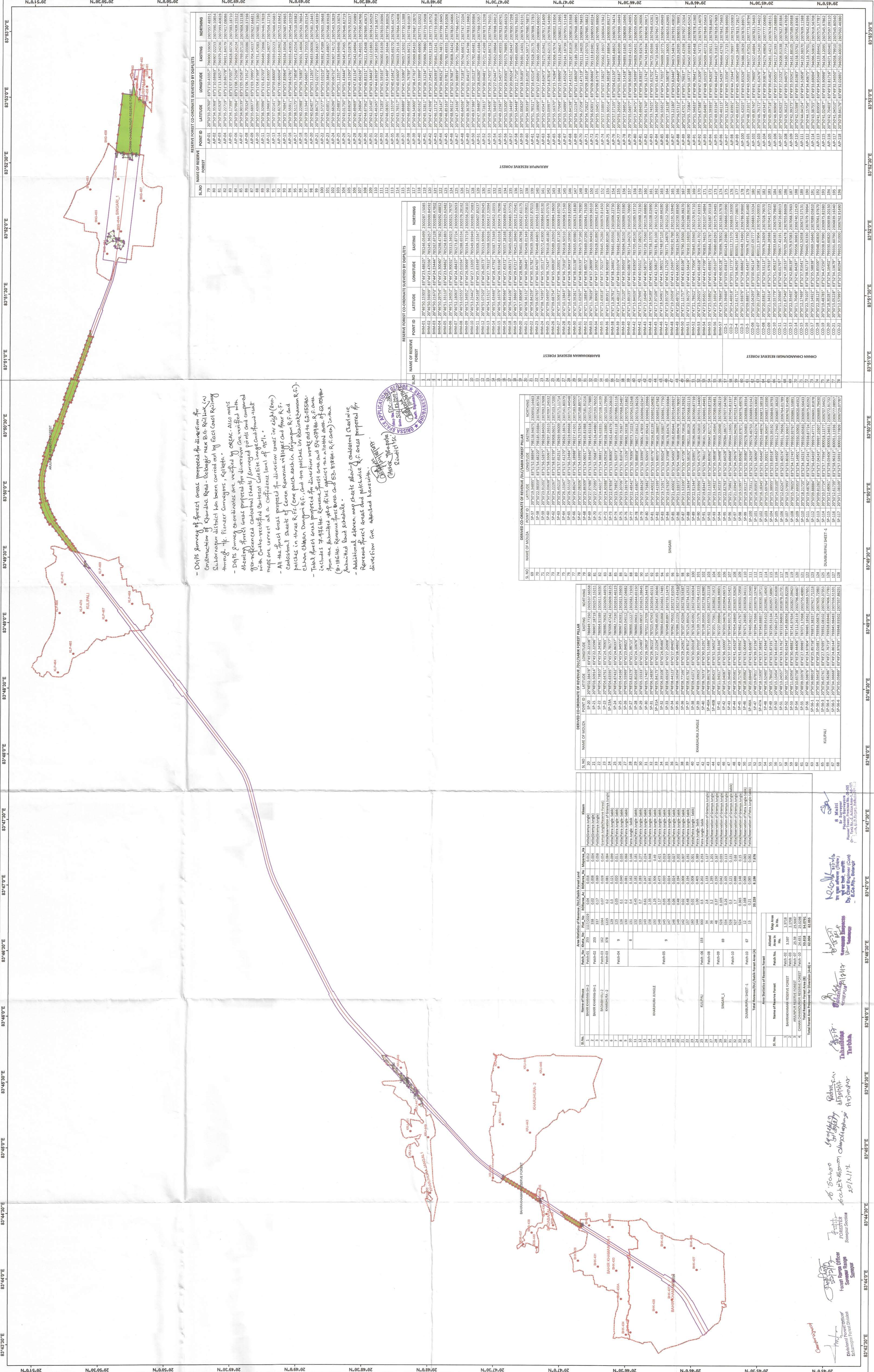
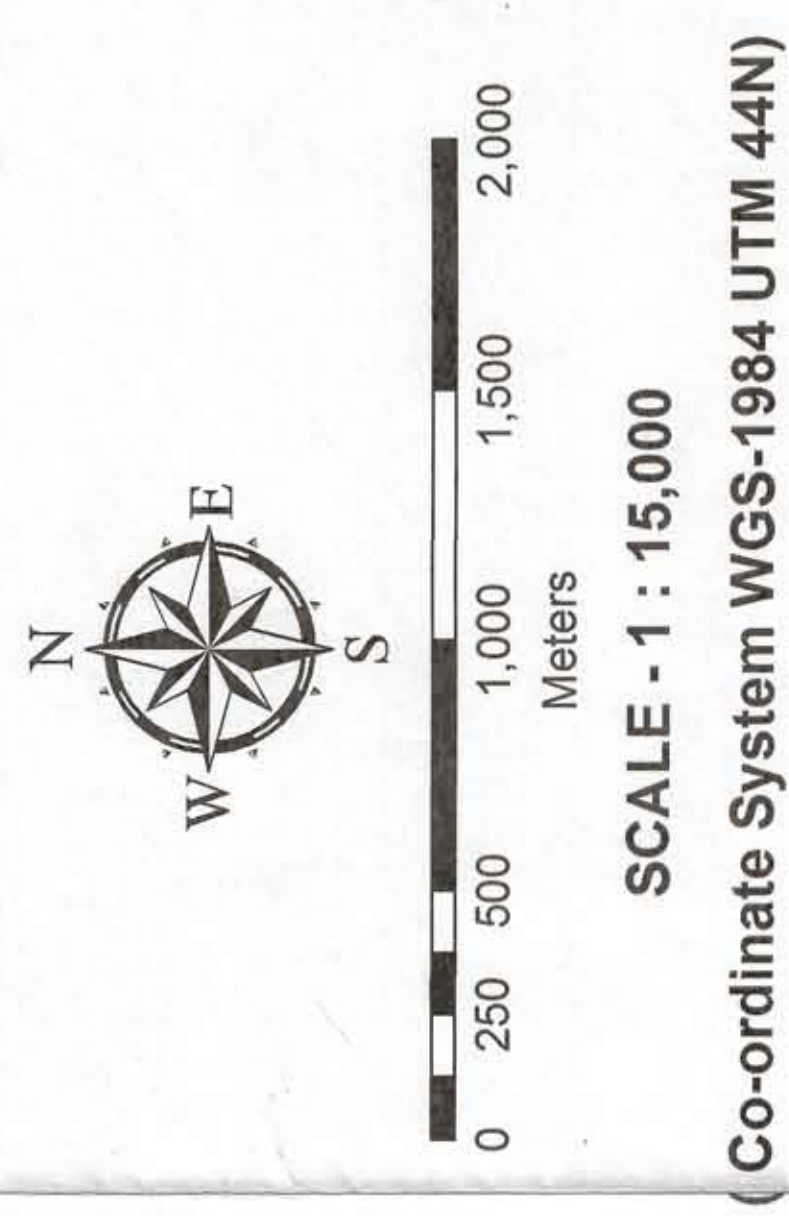


COMPOSIT MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT. (PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.

[illegible]

FILE NO.	NAME OF AREA	DERIVED CO-ORDINATE OF REVERSE	REVERSE ORIENT PLAIN	REVERSE ORIENT PLAIN	REVERSE ORIENT PLAIN
1	BAHMANO-MAN-2	B-1	29476133.23267	17645531.3077	29476133.23267
2		B-2	29476133.23267	17645531.3077	29476133.23267
3		B-3	29476133.23267	17645531.3077	29476133.23267
4	BAHMANO-MAN-2	B-4	29476133.23267	17645531.3077	29476133.23267
5		B-5	29476133.23267	17645531.3077	29476133.23267
6		B-6	29476133.23267	17645531.3077	29476133.23267
7		B-7	29476133.23267	17645531.3077	29476133.23267
8	BAHMANO-MAN-1	B-8	29476133.23267	17645531.3077	29476133.23267
9		B-9	29476133.23267	17645531.3077	29476133.23267
10		B-10	29476133.23267	17645531.3077	29476133.23267
11		B-11	29476133.23267	17645531.3077	29476133.23267
12	BAHMANO-MAN-2	B-12	29476133.23267	17645531.3077	29476133.23267
13		B-13	29476133.23267	17645531.3077	29476133.23267
14		B-14	29476133.23267	17645531.3077	29476133.23267
15		B-15	29476133.23267	17645531.3077	29476133.23267
16		B-16	29476133.23267	17645531.3077	29476133.23267
17		B-17	29476133.23267	17645531.3077	29476133.23267
18	BAHMANO-MAN-2	B-18	29476133.23267	17645531.3077	29476133.23267
19		B-19	29476133.23267	17645531.3077	29476133.23267

LEGEND

- DDP-SMETS Surveyed Point for Geo-reference of Cathedral Sheets / Reserve Forest Pillar.
- Derived Point for Revenue / DLC Forest Pillar.
- Railway Center Line.
- Railway Corridor.
- Reserve Forest Patches.
- Revenue Forest Patches.
- Mouza Boundary.



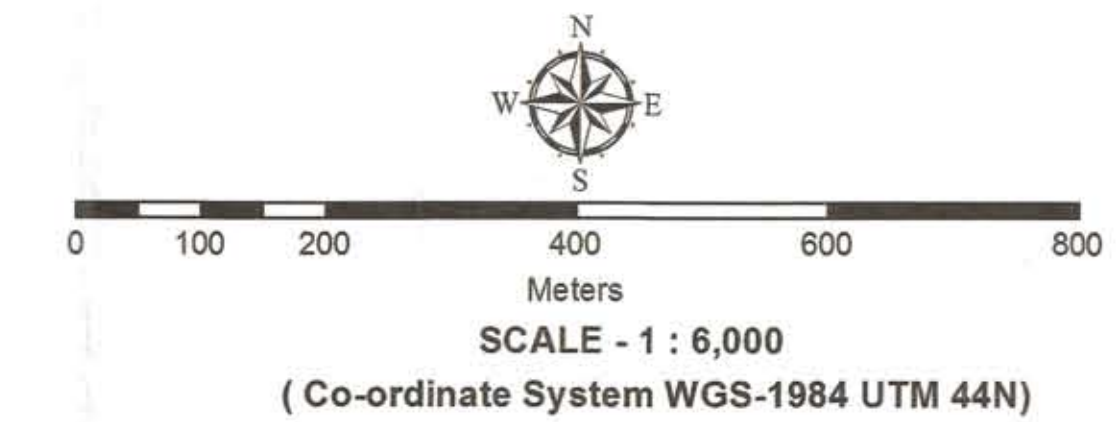
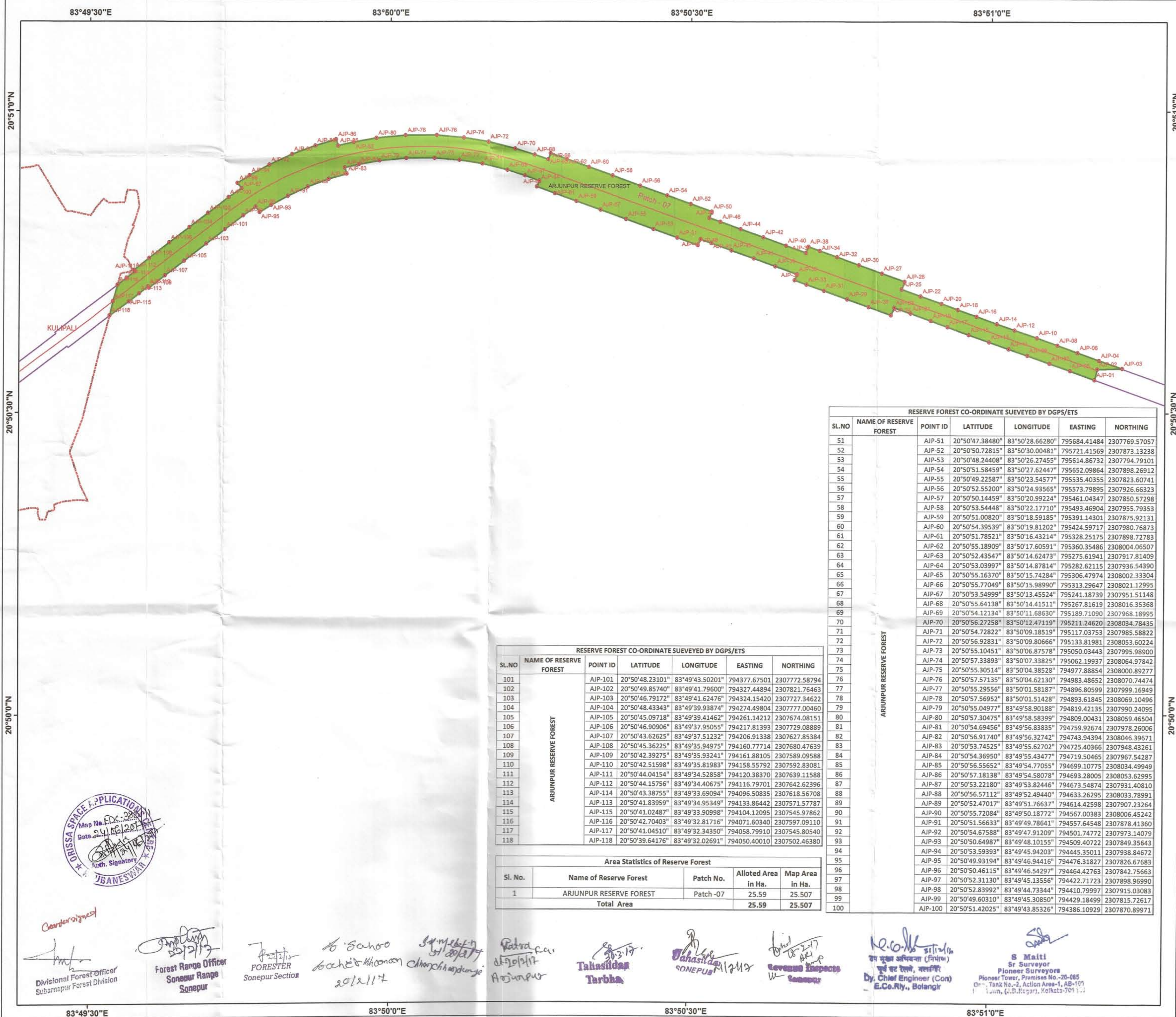
भारत सरकार
Govt. of India
पूरे ढर्रे पर
निर्माण, परिवहन
और विकास



EAST COAST RAILWAY
CONSTRUCTION ORGANISATION

Rail Vihar, Annex Building, Chandrasekharpur
Bhubaneswar - 751 023, ODISHA

GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Name of Reserve Forest : ARJUNPUR RESERVE FOREST.



RESERVE FOREST CO-ORDINATE SUEVEYED BY DGPS/ETS						
SL.NO	NAME OF RESERVE FOREST	POINT ID	LATITUDE	LONGITUDE	EASTING	NORTHING
1	ARJUNPUR RESERVE FOREST	AJP-01	20°50'33.29760"	83°51'10.43357"	796900.33650	2307357.48351
2		AJP-02	20°50'34.35368"	83°51'10.68463"	796907.02253	2307390.10854
3		AJP-03	20°50'34.41928"	83°51'13.18257"	796979.24236	2307393.40828
4		AJP-04	20°50'35.22719"	83°51'10.86778"	796911.84379	2307417.08086
5		AJP-05	20°50'34.17398"	83°51'07.97037"	796828.60726	2307383.18710
6		AJP-06	20°50'35.97984"	83°51'08.75236"	796850.24224	2307439.15522
7		AJP-07	20°50'34.90139"	83°51'05.92587"	796769.07110	2307404.52138
8		AJP-08	20°50'36.70324"	83°51'06.71912"	796791.03386	2307460.37198
9		AJP-09	20°50'35.68977"	83°51'03.70995"	796704.54337	2307427.64431
10		AJP-10	20°50'37.43096"	83°51'04.67369"	796731.47083	2307481.71580
11		AJP-11	20°50'36.32996"	83°51'01.82703"	796649.72866	2307446.37828
12		AJP-12	20°50'38.19663"	83°51'02.43305"	796666.24077	2307504.12716
13		AJP-13	20°50'37.02141"	83°50'59.88000"	796593.03223	2307466.65683
14		AJP-14	20°50'38.82768"	83°51'00.66034"	796614.61962	2307522.63642
15		AJP-15	20°50'37.74847"	83°50'57.85964"	796534.19504	2307487.99365
16		AJP-16	20°50'39.55911"	83°50'58.62781"	796555.42835	2307544.10159
17		AJP-17	20°50'38.51175"	83°50'55.73858"	796472.42554	2307510.39382
18		AJP-18	20°50'40.22988"	83°50'56.76385"	796501.14604	2307563.78654
19		AJP-19	20°50'39.11344"	83°50'54.06657"	796423.73353	2307528.05154
20		AJP-20	20°50'40.82407"	83°50'55.11265"	796453.06006	2307581.22445
21		AJP-21	20°50'39.84712"	83°50'52.02772"	796364.35837	2307549.58339
22		AJP-22	20°50'41.57277"	83°50'53.03210"	796392.47089	2307603.19648
23		AJP-23	20°50'40.43851"	83°50'50.38428"	796316.49857	2307566.93928
24		AJP-24	20°50'39.68296"	83°50'50.06732"	796307.74172	2307543.52829
25		AJP-25	20°50'42.25883"	83°50'51.12557"	796336.94946	2307623.33074
26		AJP-26	20°50'43.01730"	83°50'51.43444"	796345.47065	2307646.82719
27		AJP-27	20°50'43.83829"	83°50'49.15290"	796279.02878	2307670.92157
28		AJP-28	20°50'40.49469"	83°50'47.81154"	796242.04964	2307567.35089
29		AJP-29	20°50'41.26804"	83°50'45.66236"	796179.46201	2307590.04766
30		AJP-30	20°50'44.67362"	83°50'46.83151"	796211.42648	2307695.43673
31		AJP-31	20°50'42.10140"	83°50'43.34643"	796112.01863	2307614.50529
32		AJP-32	20°50'45.46245"	83°50'44.63929"	796147.58593	2307718.58772
33		AJP-33	20°50'42.73283"	83°50'41.59163"	796060.91639	2307733.03696
34		AJP-34	20°50'46.08301"	83°50'42.91469"	796097.36344	2307736.80026
35		AJP-35	20°50'43.15570"	83°50'40.41642"	796026.69270	2307645.44779
36		AJP-36	20°50'43.76517"	83°50'40.65600"	796033.29116	2307664.32408
37		AJP-37	20°50'45.88889"	83°50'41.52080"	796057.15032	2307730.11388
38		AJP-38	20°50'46.49566"	83°50'41.76789"	796063.96721	2307748.91097
39		AJP-39	20°50'44.54900"	83°50'38.47763"	795969.85433	2307687.32870
40		AJP-40	20°50'46.60162"	83°50'39.53999"	795999.46690	2307751.03202
41		AJP-41	20°50'45.32811"	83°50'36.31234"	795906.79860	2307710.19508
42		AJP-42	20°50'47.42398"	83°50'37.25451"	795932.91128	2307775.16752
43		AJP-43	20°50'46.13712"	83°50'34.06393"	795841.32241	2307733.93918
44		AJP-44	20°50'48.24147"	83°50'34.98252"	795866.74872	2307799.16045
45		AJP-45	20°50'46.85163"	83°50'32.07811"	795783.49355	2307754.91006
46		AJP-46	20°50'48.96312"	83°50'32.97687"	795808.34242	2307820.34066
47		AJP-47	20°50'47.24336"	83°50'30.98939"	795751.78904	2307766.40727
48		AJP-48	20°50'46.64036"	83°50'30.73183"	795744.66672	2307747.72104
49		AJP-49	20°50'49.36708"	83°50'31.85415"	795775.64798	2307832.19682
50		AJP-50	20°50'49.97386"	83°50'32.10123"	795782.46481	2307850.99384

LEGEND

DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.

Railway Center Line.

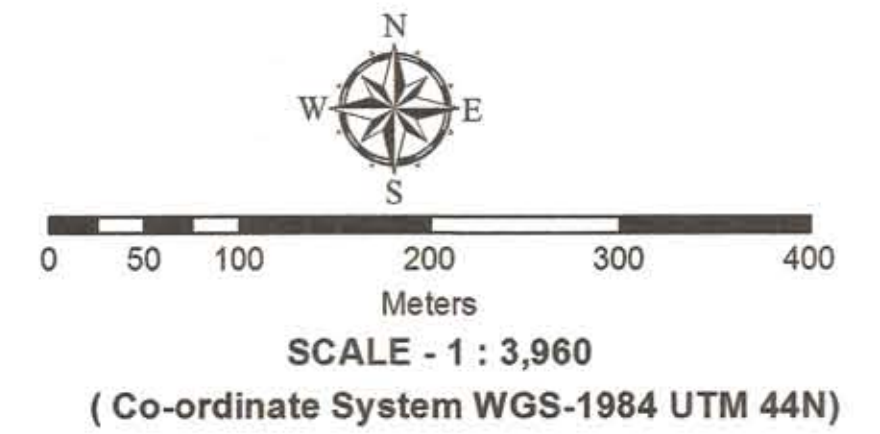
Railway Corridor.

Reserve Forest Patches.

Mouza Boundary.

RESERVE FOREST CO-ORDINATE SUEVEYED BY DGPS/ETS						
SL.NO	NAME OF RESERVE FOREST	POINT ID	LATITUDE	LONGITUDE	EASTING	NORTHING
101	ARJUNPUR RESERVE FOREST	AJP-101	20°50'48.23101"	83°49'43.50201"	794377.67501	2307772.58794
102		AJP-102	20°50'49.85740"	83°49'41.79600"	794327.44894	2307821.76463
103		AJP-103	20°50'46.79172"	83°49'41.62476"	794324.15420	2307773.34622
104		AJP-104	20°50'48.43343"	83°49'39.93874"	794274.49804	2307777.00460
105		AJP-105	20°50'45.09718"	83°49'39.41462"	794261.14212	2307674.08151
106		AJP-106	20°50'46.90906"	83°49'37.95055"	794217.81393	2307729.08889
107		AJP-107	20°50'43.62625"	83°49'37.51232"	794206.91338	2307627.85384
108		AJP-108	20°50'45.36225"	83°49'35.94975"	794160.77714	2307680.47639
109		AJP-109	20°50'42.39275"	83°49'35.93241"	794161.88105	2307589.09588
110		AJP-110	20°50'42.51598"	83°49'35.81983"	794158.55792	2307592.83081
111		AJP-111	20°50'44.04154"	83°49'34.52858"	794120.38370	2307639.11588
112		AJP-112	20°50'44.15756"	83°49'34.40675"	794116.79701	2307642.62396
113		AJP-113	20°50'43.38755"	83°49'33.69094"	794096.50835	2307618.56708
114		AJP-114	20°50'41.83959"	83°49'34.95349"	794133.86442	2307571.57787
115		AJP-115	20°50'41.02487"	83°49'33.90998"	794104.12095	2307545.97862
116		AJP-116	20°50'42.70403"	83°49'32.81716"	794071.60340	2307597.09110
117		AJP-117	20°50'41.04510"	83°49'32.34550"	794058.79910	2307545.86540
118		AJP-118	20°50'39.64176"	83°49'32.02691"	794050.40010	2307502.40380

GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Mouza Name :BADABAHALI, Sheet No.-2, Thana Name & No. - TARBHA -41, Tahasil : TARBHA.



Georeferenced point Surveyed by DGPS						
Sl. No.	Mouza Name	Point Id	Latitude	Longitude	Easting	Northing
1	BADABAHALI-2	BDB-440	20° 47' 10.06074" N	83° 44' 14.34852" E	784971.25400	2300895.18560
2		BDB-438	20° 47' 12.42530" N	83° 44' 21.09476" E	785165.22060	2300971.25210
3		BDB-437	20° 47' 16.19594" N	83° 44' 15.79852" E	785010.00620	2301084.66610
4		BDB-439	20° 47' 02.71077" N	83° 44' 24.46230" E	785267.73640	2300674.00860
5		BDB-436	20° 47' 05.76666" N	83° 44' 29.59089" E	785414.53650	2300770.55380
6		BDB-435	20° 47' 07.42622" N	83° 44' 37.03670" E	785629.11430	2300825.27800

DERIVED CO-ORDINATE OF REVENUE /DLC/SABIK FOREST PILLAR						
Sl. No	NAME OF MOUZA	POINT ID	LATITUDE	LONGITUDE	EASTING	NORTHING
1	BADABAHALI-2	SP-10	20°47'08.48662"	83°44'36.13201"	785602.38193	2300857.45955
2		SP-11	20°47'08.29155"	83°44'35.54884"	785585.61002	2300851.17068
3		SP-12	20°47'08.28738"	83°44'35.27262"	785577.61959	2300850.90610
4		SP-13	20°47'08.15251"	83°44'34.69953"	785561.10796	2300846.47458
5		SP-14	20°47'08.74595"	83°44'35.10117"	785572.41900	2300864.93130
6		SP-15	20°47'08.93413"	83°44'36.11278"	785601.59145	2300871.21892

Area Statistics of Revenue /DLC/Sabik Forest Land						
Sl.No.	Name of Mouza	Patch No	Khata No	Plot No	RORarea_Ac	RORarea_Ha
1	BADABAHALI-2	Patch-03	162	1084	0.07	0.028
Total Area					0.07	0.028



LEGEND

- DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.
- Derived Point for Revenue / DLC Forest Pillar.
- Railway Center Line.
- Railway Corridor.
- Revenue Forest Patches.
- Mouza Boundary.

User Agency :



भारत सरकार

Govt. of India

पूर्व तट रेलवे

निर्माण संगठन, भुवनेश्वर

EAST COAST RAILWAY

CONSTRUCTION ORGANISATION

Rail Vihar, Annex Building, Chandrasekharpur

BHUBANESWAR - 751 023, ODISHA



PIONEER SURVEYORS
CONTRACTORS, SURVEYORS AND GEO-TECHNICAL ENGINEERS
PIONEER TOWER, Pioneer No. 20-085, Street No. 85, Opposite Tank No. 2, 1st Floor
Action Area-1, Block - AB-109, New Town (J.B. Nagar), Rajarat, Kolkata - 700 156
Phone : 933-8454-8604, 933-8455-4201, 9468-1140, Tele Fax : 933-2874-2201
Email : Pioneer.surveyors@gmail.com, Website : www.pioneersurveyors.com
An ISO 9001 : 2008 Certified Organisation

ISO 9001 : 2008
CERTIFIED ORGANISATION
QMS 005

IAF

Georeferenced

Divisional Forest Officer
Subarnapur Forest Division

Forest Range Officer
Sonepur Range
Sonepur

FORESTER
Sonepur Section

B. Sahoo
20/12/17

Chandrasekharpur

Arjunpur

Tarabha

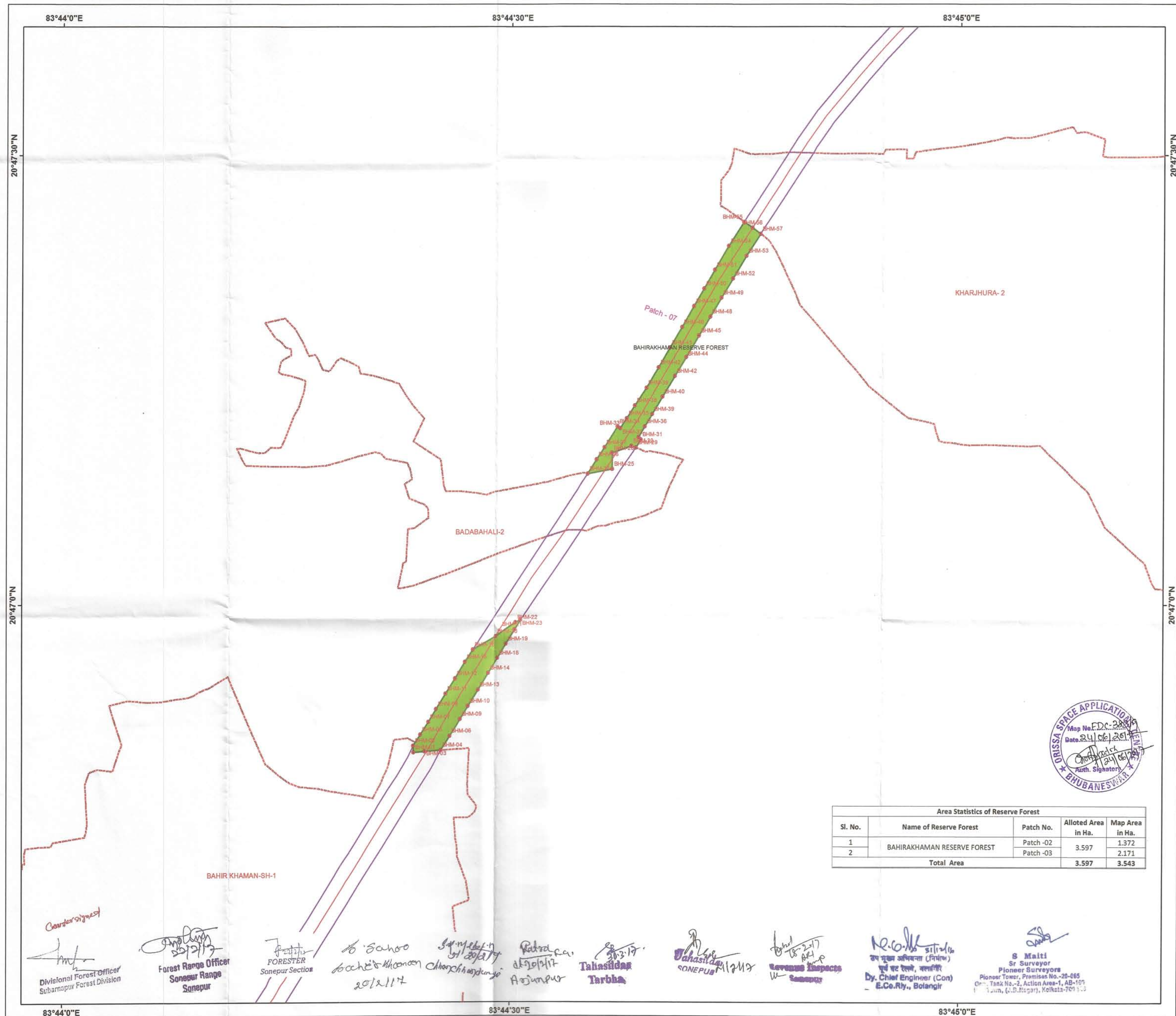
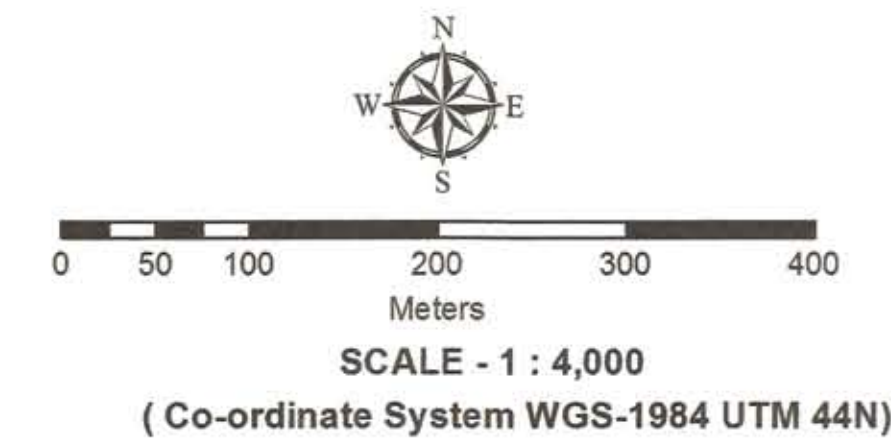
Sonepur

Sonepur

Dy. Chief Engineer (Con)
E.Co.Rly., Bolangir

S. Maiti
Sr Surveyor
Pioneer Surveyors
Pioneer Tower, Premises No.-20-085
Or., Tank No.-2, Action Area-1, AB-109
New Town (J.B. Nagar), Rajarat, Kolkata-700 156

GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Name of Reserve Forest : BAHIRKHAMAN RESERVE FOREST.



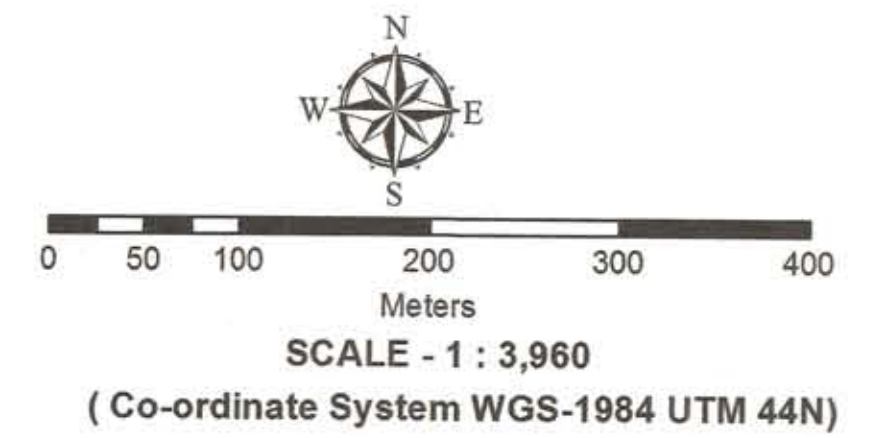
RESERVE FOREST CO-ORDINATE SUEVEYED BY DGPS/ETS					
SL.NO	NAME OF RESERVE FOREST	POINT ID	LATITUDE	LONGITUDE	EASTING
1	BAHIRKHAMAN RESERVE FOREST	BHM-01	20°46'50.15303"	83°44'23.48625"	785246.05499
2		BHM-02	20°46'50.59839"	83°44'23.47036"	785245.36257
3		BHM-03	20°46'50.21672"	83°44'24.23444"	785267.67128
4		BHM-04	20°46'50.29754"	83°44'25.30040"	785298.47382
5		BHM-05	20°46'51.33110"	83°44'23.94862"	785258.81883
6		BHM-06	20°46'51.24052"	83°44'25.90032"	785315.34023
7		BHM-07	20°46'52.18063"	83°44'24.48437"	785273.87724
8		BHM-08	20°46'53.02555"	83°44'25.01034"	785288.65534
9		BHM-09	20°46'52.34952"	83°44'26.59069"	785334.73719
10		BHM-10	20°46'53.23442"	83°44'27.13205"	785349.93949
11		BHM-11	20°46'54.04168"	83°44'25.63349"	785306.15547
12		BHM-12	20°46'55.07520"	83°44'26.26573"	785323.90996
13		BHM-13	20°46'54.31521"	83°44'27.79322"	785368.50626
14		BHM-14	20°46'55.43446"	83°44'28.47792"	785387.73349
15		BHM-15	20°46'56.16376"	83°44'26.93166"	785342.61018
16		BHM-16	20°46'56.99566"	83°44'27.45372"	785357.28168
17		BHM-18	20°46'56.44106"	83°44'29.09371"	785405.02566
18		BHM-19	20°46'57.38663"	83°44'29.67217"	785421.26940
19		BHM-20	20°46'57.88049"	83°44'28.98294"	785401.06798
20		BHM-21	20°46'58.36132"	83°44'30.26845"	785438.01349
21		BHM-22	20°46'58.84259"	83°44'30.31782"	785439.19066
22		BHM-23	20°46'59.00765"	83°44'30.64765"	785448.64805
23		BHM-24	20°47'08.74595"	83°44'35.10117"	785572.41900
24		BHM-25	20°47'09.04950"	83°44'36.73247"	785619.46180
25		BHM-26	20°47'09.68754"	83°44'35.69920"	785589.23050
26		BHM-27	20°47'10.50672"	83°44'36.22001"	785603.87130
27		BHM-28	20°47'10.13843"	83°44'36.71910"	785618.50510
28		BHM-29	20°47'10.47869"	83°44'38.30433"	785664.19590
29		BHM-30	20°47'10.59261"	83°44'38.01138"	785655.65980
30		BHM-31	20°47'11.02507"	83°44'38.63133"	785673.37160
31		BHM-32	20°47'11.18854"	83°44'38.48572"	785669.07290
32		BHM-33	20°47'11.78029"	83°44'37.28099"	785633.90430
33		BHM-34	20°47'11.89065"	83°44'37.10032"	785628.61890
34		BHM-35	20°47'12.43818"	83°44'37.70237"	785645.75280
35		BHM-36	20°47'11.89351"	83°44'38.90389"	785680.80190
36		BHM-38	20°47'13.28792"	83°44'38.24661"	785661.05550
37		BHM-39	20°47'14.48123"	83°44'39.01074"	785682.54100
38		BHM-39	20°47'12.72120"	83°44'39.39503"	785694.58150
39		BHM-40	20°47'13.89135"	83°44'40.08879"	785714.04270
40		BHM-42	20°47'15.84026"	83°44'39.82850"	785705.49130
41		BHM-42	20°47'15.27646"	83°44'40.91011"	785737.08270
42		BHM-43	20°47'17.16494"	83°44'40.58737"	785726.75560
43		BHM-44	20°47'16.54189"	83°44'41.66061"	785758.13570
44		BHM-45	20°47'17.97106"	83°44'42.50817"	785781.91100
45		BHM-46	20°47'18.54961"	83°44'41.38021"	785748.97110
46		BHM-47	20°47'19.93728"	83°44'42.17525"	785771.24870
47		BHM-48	20°47'19.23058"	83°44'43.25697"	785802.91780
48		BHM-49	20°47'20.49731"	83°44'44.00651"	785823.94190
49		BHM-50	20°47'21.11737"	83°44'42.85106"	785790.18500
50		BHM-51	20°47'22.36275"	83°44'43.56424"	785810.16820
51		BHM-52	20°47'21.78622"	83°44'44.77004"	785845.35940
52		BHM-53	20°47'23.29025"	83°44'45.66328"	785870.41702
53		BHM-54	20°47'23.95651"	83°44'44.47709"	785835.74625
54		BHM-55	20°47'25.55892"	83°44'45.49391"	785864.32787
55		BHM-56	20°47'25.16914"	83°44'46.05107"	785880.65293
56		BHM-57	20°47'24.76843"	83°44'46.60128"	785896.78302

- LEGEND**
- DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.
 - Railway Center Line.
 - Railway Corridor.
 - Reserve Forest Patches.
 - Mouza Boundary.

User Agency : भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA

PIONEER SURVEYORS
CONTRACTORS, SURVEYORS AND GEO-TECHNICAL ENGINEERS
"PIONEER TOWER", Plot No. 29-045, Street No. 45, Opposite Tolly Gunpowder, Kolkata - 700 106
Phone : 933-6464-6884, 933-6465-3201, 933-6466-1142, Tele Fax : 933-6774-2021
email : pioneer.surveyors@gmail.com, Website : www.pioneersurveyors.com
An ISO 9001 : 2008 Certified Organisation

GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Mouza Name :BAHIRKHAMAN, Sheet No.-2, Thana Name & No. - TARBHA -44, Tahasil : TARBHA.



Georeferenced point Surveyed by DGPS					
Sl. No.	Mouza Name	Point Id	Latitude	Longitude	Easting
1	BADABAHALI-2	BDB-440	20° 47' 10.06074" N	83° 44' 14.34852" E	784971.25400
2		BDB-438	20° 47' 12.42530" N	83° 44' 21.09476" E	785165.22060
3		BDB-437	20° 47' 16.19594" N	83° 44' 15.79852" E	785010.00620
4		BDB-439	20° 47' 02.71077" N	83° 44' 24.46230" E	785267.73640
5		BDB-436	20° 47' 05.76666" N	83° 44' 29.59089" E	785414.53650
6		BDB-435	20° 47' 07.42622" N	83° 44' 37.03670" E	785629.11430

DERIVED CO-ORDINATE OF REVENUE /DLC/SABIK FOREST PILLAR					
SL. NO	NAME OF MOUZA	POINT ID	LATITUDE	LONGITUDE	EASTING
1	BAHIRKHAMAN-Sh-2	SP-1	20°46'07.39266"	83°43'59.14283"	784563.93228
2		SP-2	20°46'07.93226"	83°43'59.13076"	784563.30213
3		SP-3	20°46'08.02520"	83°43'59.45062"	784572.50965
4		SP-4	20°46'07.98826"	83°43'59.57443"	784576.11176

Area Statistics of Revenue /DLC/Sabik Forest Land							
Sl.No.	Name of Mouza	Patch No	Khata No	Plot No	ROArea_Ac	ROArea_Ha	Maparea_Ha
1	BAHIR KHAMAN-SH-2	Patch-01	253	1117/2029	0.04	0.016	0.012
Total Area					0.04	0.016	0.012



- LEGEND**
- DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.
 - Derived Point for Revenue / DLC Forest Pillar.
 - Railway Center Line.
 - Railway Corridor.
 - Revenue Forest Patches.
 - Mouza Boundary.

User Agency : भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA

PIONEER SURVEYORS
CONTRACTORS, SURVEYORS AND GEO-TECHNICAL ENGINEERS
Pioneer Tower, Premises No.-2B-045
Office, Tank No.-2, Action Area-1, AB-101
Tumkur, (K.D.Nagar), Kolkata-700 133



Divisional Forest Officer
Sonepur Forest Division

Forest Range Officer
Sonepur Range
Sonepur

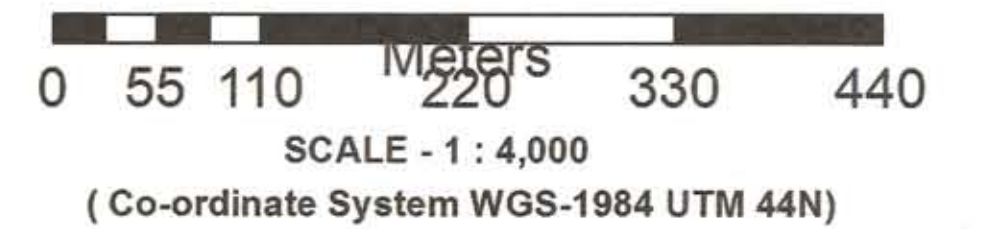
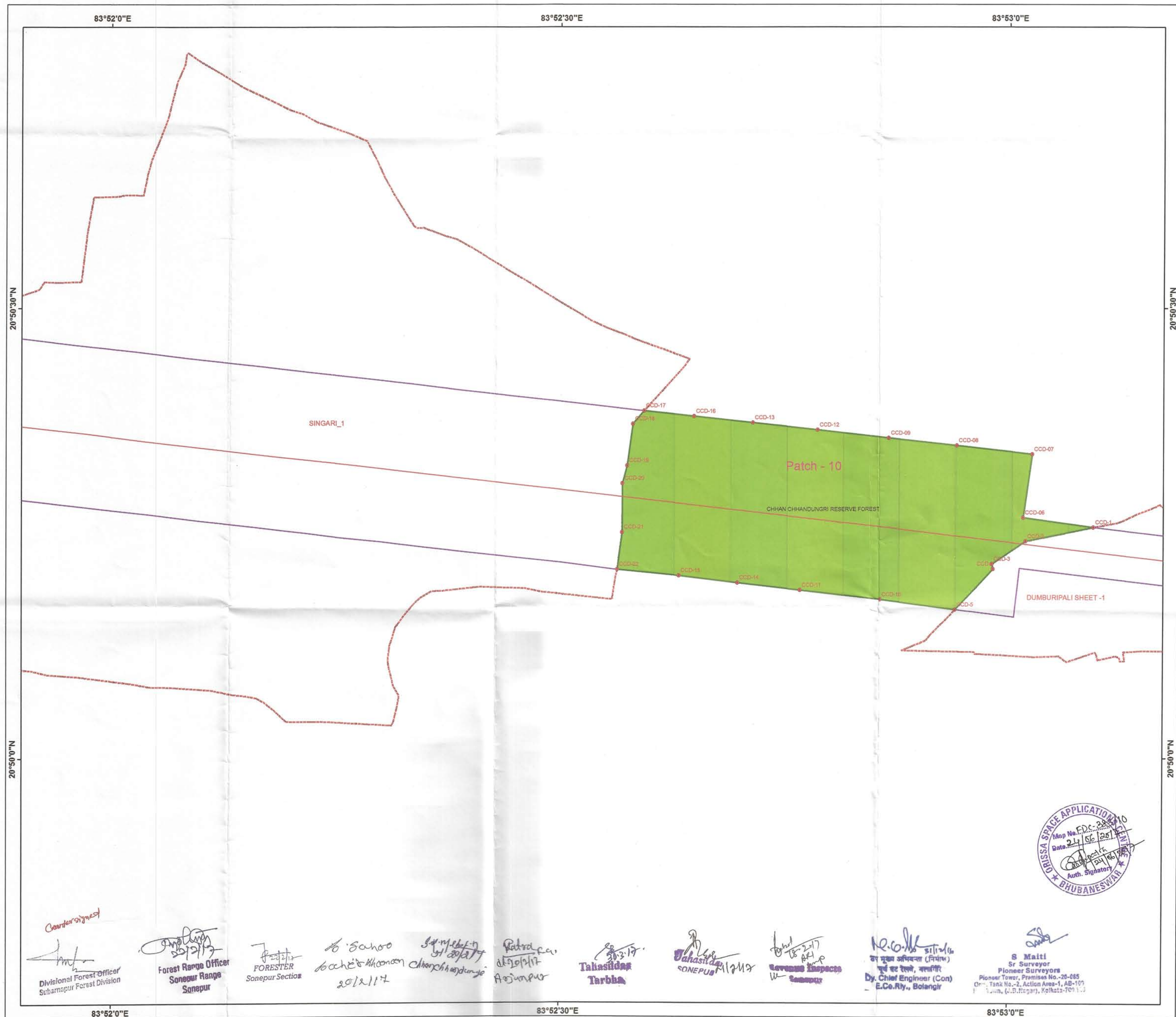
FORESTER
Sonepur Section

20/11/17

Tahasil
Tarbha

S. Maiti
Sr Surveyor
Pioneer Surveyors
Pioneer Tower, Premises No.-2B-045
Office, Tank No.-2, Action Area-1, AB-101
Tumkur, (K.D.Nagar), Kolkata-700 133

GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Name of Reserve Forest : CHHAN CHHANDUNGRI RESERVE FOREST.



RESERVE FOREST CO-ORDINATE SUEVEYED BY DGPS/ETS					
SL.NO	NAME OF RESERVE FOREST	POINT ID	LATITUDE	LONGITUDE	EASTING
1	CHHAN CHHANDUNGRI RESERVE FOREST	CCD-1	20°50'15.39466"	83°53'05.65813"	800243.25980
2		CCD-2	20°50'14.46918"	83°53'01.12773"	800112.71570
3		CCD-4	20°50'12.61711"	83°52'58.96295"	800051.11440
4		CCD-3	20°50'12.93876"	83°52'58.88682"	800048.73490
5		CCD-5	20°50'09.88871"	83°52'56.43457"	799979.47730
6		CCD-06	20°50'16.04293"	83°53'00.96214"	800107.05777
7		CCD-07	20°50'20.27280"	83°53'01.55858"	800121.97904
8		CCD-08	20°50'20.83813"	83°52'56.53113"	799976.23609
9		CCD-09	20°50'21.34314"	83°52'51.97933"	799844.28588
10		CCD-10	20°50'10.55779"	83°52'51.40613"	799833.64583
11		CCD-11	20°50'11.20366"	83°52'46.01797"	799677.42191
12		CCD-12	20°50'21.87540"	83°52'47.18153"	799705.20478
13		CCD-13	20°50'22.35463"	83°52'42.86139"	799579.97083
14		CCD-14	20°50'11.70408"	83°52'41.84287"	799556.36963
15		CCD-15	20°50'12.17469"	83°52'37.91641"	799442.52658
16		CCD-16	20°50'22.79103"	83°52'38.92713"	799465.92330
17		CCD-17	20°50'23.14922"	83°52'35.58838"	799369.14640
18		CCD-18	20°50'22.28123"	83°52'34.85500"	799348.40830
19		CCD-19	20°50'19.48785"	83°52'34.47250"	799338.87990
20		CCD-20	20°50'18.30287"	83°52'34.16402"	799330.60820
21		CCD-21	20°50'15.05228"	83°52'34.13679"	799331.60790
22		CCD-22	20°50'12.57995"	83°52'33.80294"	799323.31000

Area Statistics of Reserve Forest				
Sl. No.	Name of Reserve Forest	Patch No.	Allotted Area in Ha.	Map Area in Ha.
1	CHHAN CHHANDUNGRI RESERVE FOREST	Patch -10	24.631	25.030
Total Area			24.631	25.030

LEGEND

- DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.
- Railway Center Line.
- Railway Corridor.
- Reserve Forest Patches.
- Mouza Boundary.

User Agency :



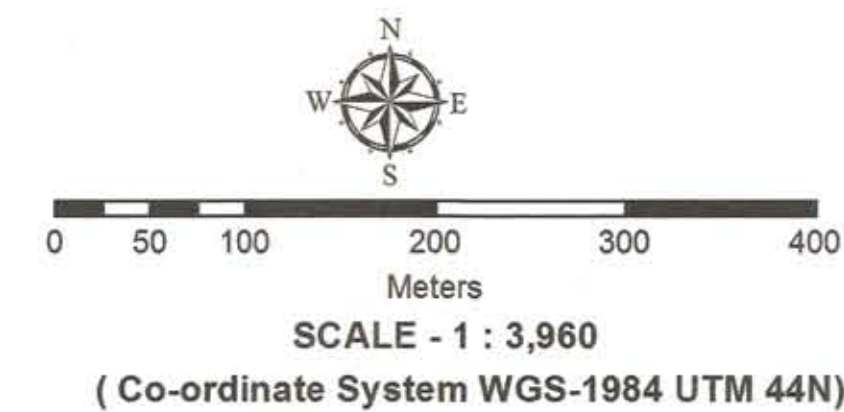
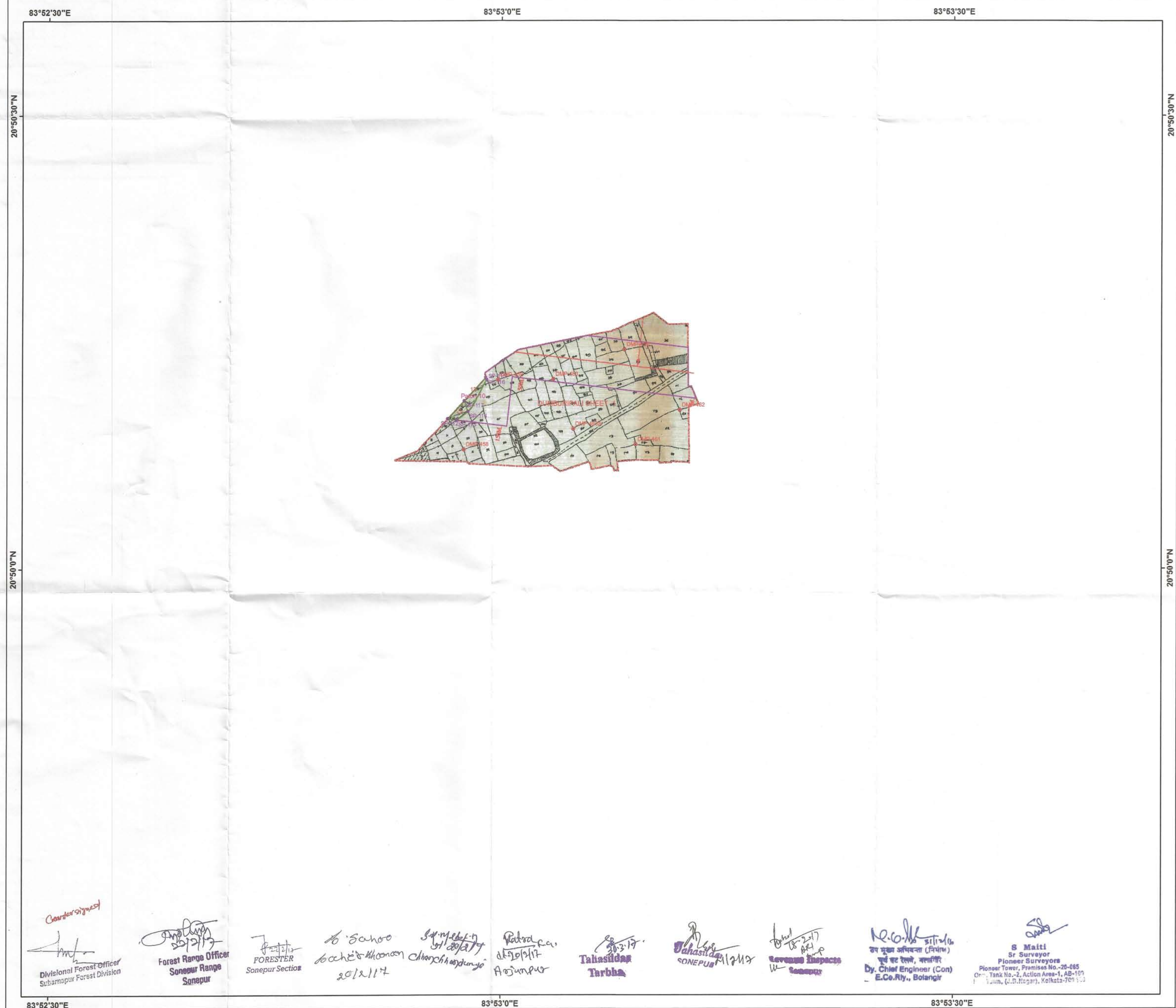
भारत सरकार
Govt. of India
पूर्व तट रेलवे

निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA



PIONEER SURVEYORS
CONTRACTORS, SURVEYORS AND GEO-TECHNICAL ENGINEERS
"PIONEER FOREVER" Premises No. 29-30, Street No. 88, Opposite Bank No. 2, 1st Floor
Action Area-1, Block - A-109, New Town (L.D. Nagar), Rajpur, Kolkata - 700 130
Phone : 033-6454-8884, 033-6455-1201, 6455-1140, 6455-1140, 6455-1140, 6455-1140
Email : Pioneer.surveyors@gmail.com, Website : www.pioneersurveyors.com

GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Mouza Name : DUMBURIPALI, Sheet No.- 1, Thana Name & No. - SONEPUR - 64, Tahasil : SONEPUR.



Georeferenced point Surveyed by DGPS						
Sl. No.	Mouza Name	Point Id	Latitude	Longitude	Easting	Northing
1	DUMBURIPALI SHEET -1	DMP-462	20° 50' 10.47123" N	83° 53' 11.84309" E	800424.89460	2306717.72820
2		DMP-461	20° 50' 08.18847" N	83° 53' 08.90768" E	800341.23830	2306645.96230
3		DMP-463A	20° 50' 09.22556" N	83° 53' 04.76614" E	800220.85920	2306675.72680
4		DMP-458	20° 50' 07.87260" N	83° 52' 57.50834" E	800011.65040	2306630.33320
5		DMP-459	20° 50' 12.47093" N	83° 52' 59.78452" E	800074.96120	2306773.00840
6		DMP-463	20° 50' 12.51548" N	83° 53' 03.44997" E	800180.97050	2306776.27920
7		DMP-460	20° 50' 14.47398" N	83° 53' 08.15528" E	800316.00490	2306838.98460

DERIVED CO-ORDINATE OF REVENUE /DLC/SABIK FOREST PILLAR						
SL NO	NAME OF MOUZA	POINT ID	LATITUDE	LONGITUDE	EASTING	NORTHING
1	DUMBURIPALI SHEET -1	SP-112	20°50'09.88884"	83°52'56.43459"	799979.47771	2306691.81878
2		SP-113	20°50'09.81282"	83°52'57.04243"	799997.10307	2306689.79430
3		SP-114	20°50'10.37724"	83°52'57.77956"	800018.11577	2306707.54421
4		SP-115	20°50'12.48061"	83°52'59.03406"	800053.24651	2306772.91732
5		SP-116	20°50'12.61739"	83°52'58.96313"	800051.11936	2306777.08957
6		SP-117	20°50'11.08109"	83°52'57.53931"	800010.77809	2306729.07787

Area Statistics of Revenue /DLC/Sabik Forest Land									
Sl.No	Name of Mouza	Patch_No	Khata_No	Plot_No	RORarea_Ac	RORarea_Ha	Maparea_Ha	Kissam	
34	DUMBURIPALI SHEET -1	Patch-10	67	12	0.168	0.068	0.065	Patita(Reservation of Patra Jungle-Sabik)	
35				13	0.21	0.085	0.082	Patita(Reservation of Patra Jungle-Sabik)	
Total Area				0.378	0.153	0.147			



- LEGEND**
- DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.
 - Derived Point for Revenue / DLC Forest Pillar.
 - Railway Center Line.
 - Railway Corridor.
 - Revenue Forest Patches.
 - Mouza Boundary.

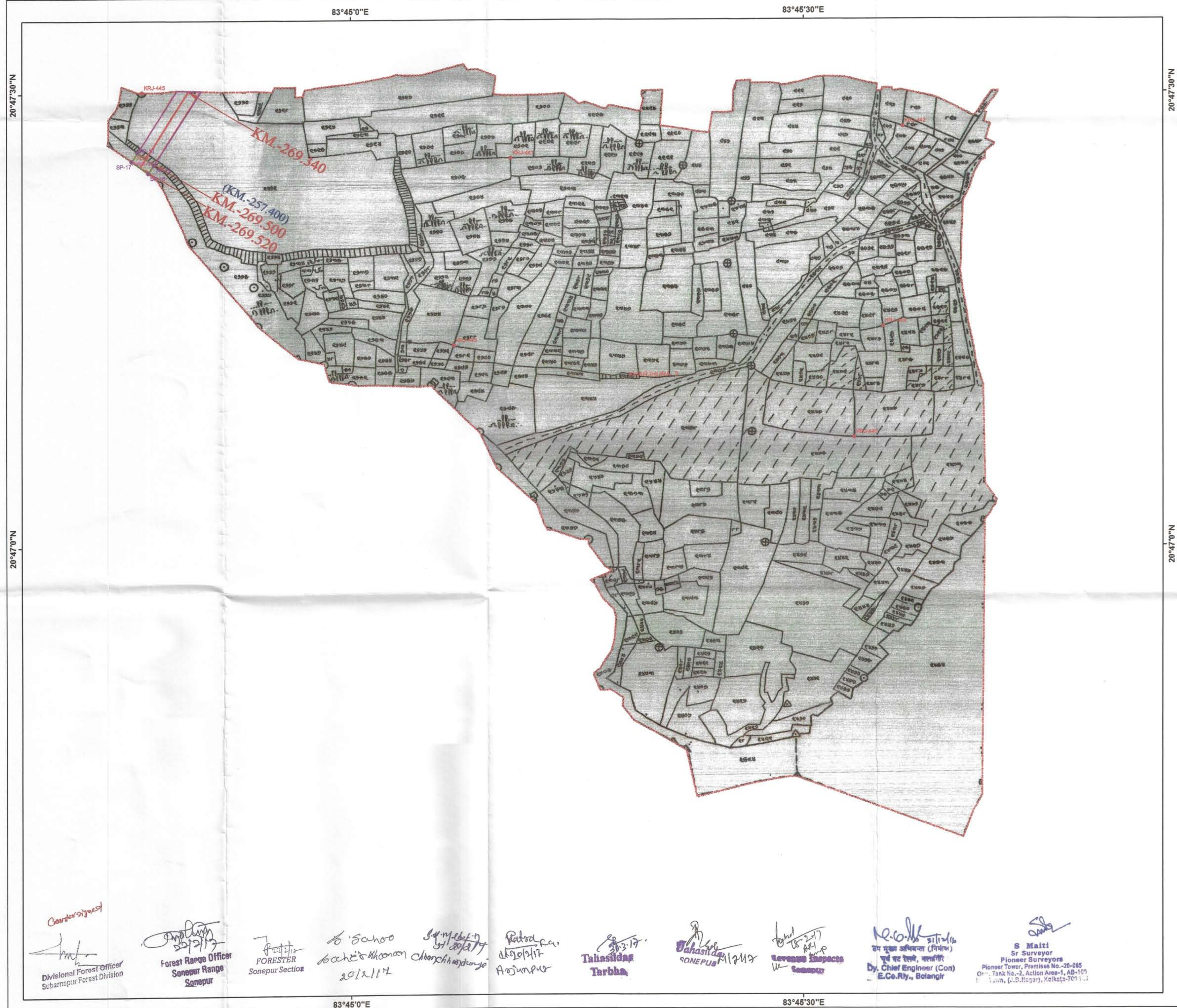
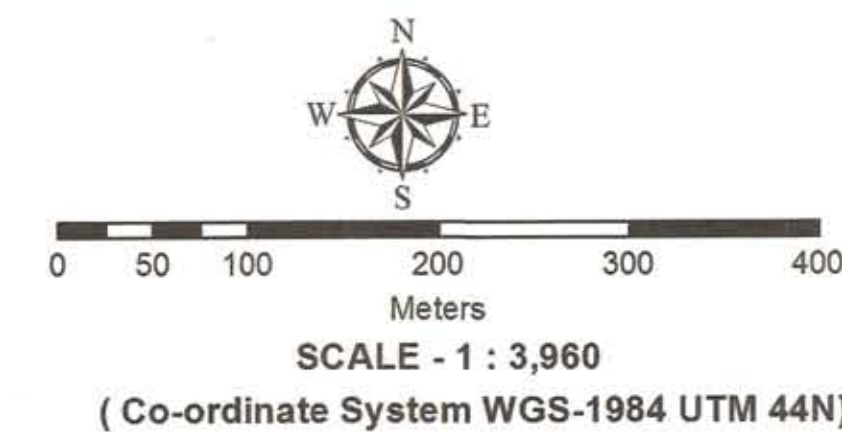
User Agency :



भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA



GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Mouza Name :KHARAJHURA, Sheet No.-2, Thana Name & No. - SONEPUR -37, Tahasil : SONEPUR.



Georeferenced point Surveyed by DGPS					
Sl. No.	Mouza Name	Point Id	Latitude	Longitude	Easting
1	KHARAJHURA - 2	KRJ-441	20° 47' 25.69416\"	83° 45' 10.60471\"	786590.82020
2		KRJ-442	20° 47' 27.72851\"	83° 45' 36.56949\"	787341.02510
3		KRJ-443	20° 47' 13.31345\"	83° 45' 06.83416\"	786488.22070
4		KRJ-444	20° 47' 14.50636\"	83° 45' 35.28913\"	787310.93920
5		KRJ-445	20° 47' 30.09294\"	83° 44' 46.17958\"	785881.79210
6		KRJ-446	20° 47' 07.17364\"	83° 45' 33.36026\"	787258.98640

DERIVED CO-ORDINATE OF REVENUE /DLC/SABIK FOREST PILLAR					
SL NO	NAME OF MOUZA	POINT ID	LATITUDE	LONGITUDE	EASTING
1	KHARAJHURA Sh-2	SP-16	20°47'24.76843\"	83°44'46.60128\"	785896.78302
2		SP-17	20°47'25.55892\"	83°44'45.49391\"	785864.32787
3		SP-18	20°47'26.16401\"	83°44'45.87926\"	785875.16068
4		SP-19	20°47'25.33574\"	83°44'46.96127\"	785906.90178

Area Statistics of Revenue /DLC/Sabik Forest Land							
Sl.No.	Name of Mouza	Patch No	Khata No	Plot No	ROArea_Ac	ROArea_Ha	Kissam
1	KHARAJHURA-2	Patch-03	378	1225	0.2	0.081	Patita(Reservation of Gramya Jungle)
Total Area					0.2	0.081	0.084



- LEGEND**
- DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.
 - Derived Point for Revenue / DLC Forest Pillar.
 - Railway Center Line.
 - Railway Corridor.
 - Revenue Forest Patches.
 - Mouza Boundary.

User Agency :

भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA

PIONEER SURVEYORS
CONTRACTORS, SURVEYORS AND GEO-TECHNICAL ENGINEERS
PIONEER TOWER, Premises No. 20-285, Street No. 85, Opposite Tank No. 2, 1st Floor
Kharak Area-2, District - AB-103, New Town (J.B. Nagar) Rajmahal, Kolkata - 700 136
Phone : 033-9454-6804, 033-9455-4201, 033-9456-1140, Fax : 033-2574201
email : Pioneer.surveyors@gmail.com, Website : www.pioneer-surveyors.com
An ISO 9001 : 2008 Certified Organisation

Divisional Forest Officer
Subarnapur Forest Division

Forest Range Officer
Sonepur Range
Sonepur

FORESTER
Sonepur Section

16. Sahoo
20/12/17

20/12/17

Tahasil
Tarbha

Sonepur

Chief Engineer (Con)
E.Co.Rly., Bolangir

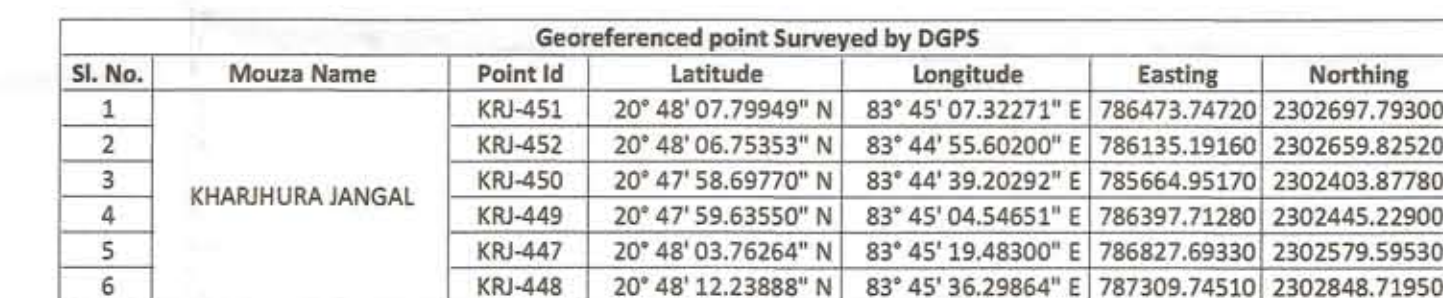
S. Maiti
Sr Surveyor
Pioneer Surveyors

83°44'30"E 83°45'0"E 83°45'30"E

20°48'0"N 20°48'30"N 20°49'0"N

DERIVED CO-ORDINATE OF REVENUE /DLC/SABIK FOREST PILLAR

SL NO	NAME OF MOUZA	POINT ID	LATITUDE	LONGITUDE	EASTING	NORTHING
1		SP-20	20°48'02.38478"	83°45'20.22108"	786849.77250	2302537.56558
2		SP-21	20°48'03.50914"	83°45'22.22596"	786907.18719	2302573.15211
3		SP-22	20°48'04.73810"	83°45'24.24361"	786964.91589	2302611.96330
4		SP-23	20°48'04.64761"	83°45'24.79065"	786980.79092	2302609.44976
5		SP-23A	20°48'04.63595"	83°45'25.78177"	787009.47242	2302609.58125
6		SP-24	20°48'04.87432"	83°45'24.86337"	786982.77530	2302616.46123
7		SP-25	20°48'05.04166"	83°45'24.34972"	786967.82631	2302621.35603
8		SP-26	20°48'05.55969"	83°45'23.84825"	786953.04512	2302637.04682
9		SP-27	20°48'03.82379"	83°45'21.98715"	786900.11227	2302582.71503
10		SP-28	20°48'05.80269"	83°45'24.10676"	786960.39631	2302644.65150
11		SP-29	20°48'05.15533"	83°45'25.22483"	786993.08537	2302625.28645
12		SP-30	20°48'05.17407"	83°45'26.19819"	787021.23709	2302626.34478
13		SP-31	20°48'06.14830"	83°45'26.36223"	787025.47043	2302656.40151
14		SP-31A	20°48'05.84175"	83°45'27.15234"	787048.49165	2302647.36046
15		SP-32	20°48'06.39108"	83°45'24.95466"	786984.61868	2302663.17485
16		SP-33	20°48'08.69259"	83°45'27.25008"	787049.81897	2302735.12479
17		SP-34	20°48'08.44123"	83°45'27.69402"	787062.79532	2302727.61056
18		SP-35	20°48'08.16256"	83°45'28.49832"	787086.21233	2302719.43430
19		SP-36	20°48'08.77166"	83°45'29.24261"	787107.42534	2302738.54387
20		SP-37	20°48'08.61782"	83°45'29.87812"	787125.89324	2302734.12522
21		SP-38	20°48'09.41071"	83°45'30.05018"	787130.45392	2302758.60634
22		SP-39	20°48'09.39925"	83°45'30.37010"	787139.71576	2302758.41215
23		SP-40	20°48'08.76373"	83°45'30.31291"	787138.39593	2302738.82980
24		SP-40A	20°48'09.86178"	83°45'31.51686"	787172.65030	2302773.21118
25		SP-40B	20°48'10.80425"	83°45'32.54052"	787201.77061	2302802.71672
26		SP-41	20°48'11.94317"	83°45'33.81346"	787237.99984	2302838.39001
27		SP-42	20°48'14.04087"	83°45'36.10000"	787303.04876	2302904.06573
28		SP-43	20°48'15.36483"	83°45'37.53719"	787343.93170	2302945.51421
29		SP-44	20°48'18.95581"	83°45'41.41629"	787454.26849	2303057.92626
30		SP-45	20°48'18.71745"	83°45'41.69362"	787462.41767	2303050.72958
31		SP-46	20°48'18.95982"	83°45'42.00449"	787471.28385	2303058.34111
32		SP-46A	20°48'20.68449"	83°45'41.82087"	787465.06227	2303111.31569
33		SP-47	20°48'19.67811"	83°45'39.37236"	787394.75366	2303079.13740
34		SP-47A	20°48'18.11630"	83°45'37.58581"	787343.88857	2303030.19711
35		SP-48	20°48'16.52460"	83°45'37.41944"	787339.91410	2302981.14043
36		SP-49	20°48'15.78410"	83°45'35.87191"	787295.53134	2302957.58967
37		SP-50	20°48'15.15454"	83°45'34.65554"	787260.67124	2302937.61638
38		SP-51	20°48'13.24557"	83°45'33.31762"	787222.96803	2302878.21731
39		SP-52	20°48'11.39110"	83°45'30.61943"	787145.88056	2302819.82206
40		SP-53	20°48'11.62956"	83°45'30.48882"		



Area Statistics of Revenue /DLC/Sabik Forest Land								
Sr.No.	Name of Mouza	Patch_No	Khata_No	Plot_No	RO/Rarea_Ac	RO/Rarea_Ha	Mopara_Ha	
1		Patch-O4	9	129	0.3	0.121	0.099	
2				125	0.05	0.020	0.011	
3				126	0.1	0.040	0.035	
4			8	130	0.2	0.081	0.066	
5				131	0.4	0.162	0.146	
6				132	0.45	0.182	0.181	
7		Patch-O5	9	153	0.7	0.283	0.277	
8				143	0.61	0.247	0.224	
9				158	2.35	0.951	0.948	
10	KHARJHURA JUNGLE			150	1.25	0.506	0.49	
11				148	1.17	0.473	0.421	
12				145	0.05	0.020	0.019	
13				9	147	0.06	0.024	0.025
14					146	0.06	0.024	0.027
15					149	0.48	0.194	0.202
16					144	0.02	0.008	0.007
17					157	0.48	0.194	0.192
18					160	0.02	0.008	0.001
19				164	1.00	0.405	0.389	
	Total Area			9.75	3.985	3.760		

DERIVED CO-ORDINATE OF REVENUE /DLC/SABIK FOREST PILLAR						
SL NO	NAME OF MOUZA	POINT ID	LATITUDE	LONGITUDE	EASTING	NORTHING
1	KHARJHURA JUNGLE	SP-20	20°48'02.38478"	83°45'20.22108"	786849.77250	2302537.56555
2		SP-21	20°48'03.50914"	83°45'22.22596"	786907.18719	2302573.15212
3		SP-22	20°48'04.73810"	83°45'24.24361"	786964.91589	2302611.9633
4		SP-23	20°48'04.64761"	83°45'24.79065"	786980.77992	2302609.4497
5		SP-23A	20°48'04.63595"	83°45'25.78177"	787009.47242	2302609.5812
6		SP-24	20°48'04.87432"	83°45'24.86337"	786982.77530	2302616.4612
7		SP-25	20°48'05.04166"	83°45'24.34972"	786967.82631	2302621.35660
8		SP-26	20°48'05.55969"	83°45'23.84825"	786953.04512	2302637.0468
9		SP-27	20°48'03.82379"	83°45'21.98715"	786900.11227	2302582.7150
10		SP-28	20°48'05.80269"	83°45'24.10676"	786960.39631	2302644.6515
11		SP-29	20°48'05.15533"	83°45'25.22488"	786993.08537	2302625.2864
12		SP-30	20°48'05.17940"	83°45'26.19819"	787021.23709	2302626.3447
13		SP-31	20°48'06.14830"	83°45'26.36223"	787025.47043	2302656.4051
14		SP-31A	20°48'05.84175"	83°45'27.15234"	787048.49165	2302647.3604
15		SP-32	20°48'06.39108"	83°45'24.95466"	786984.61868	2302663.1748
16		SP-33	20°48'08.69259"	83°45'27.25008"	787049.81897	2302735.1247
17		SP-34	20°48'08.44123"	83°45'27.69402"	787062.79532	2302727.6105
18		SP-35	20°48'08.16256"	83°45'28.49832"	787086.21233	2302719.4343
19		SP-36	20°48'08.77166"	83°45'29.24261"	787107.42534	2302738.5438
20		SP-37	20°48'08.61782"	83°45'29.87812"	787125.89324	2302734.1252
21		SP-38	20°48'09.41071"	83°45'30.05018"	787130.45392	2302758.6063
22		SP-39	20°48'09.39925"	83°45'30.37010"	787139.71576	2302758.4211
23		SP-40	20°48'08.76373"	83°45'30.31291"	787138.39593	2302738.8298
24		SP-40A	20°48'09.86178"	83°45'31.51686"	787172.65030	2302773.2111
25		SP-40B	20°48'10.80425"	83°45'32.54052"	787201.77061	2302802.7167
26		SP-41	20°48'11.94317"	83°45'33.81346"	787237.99984	2302838.3900
27		SP-42	20°48'14.04087"	83°45'36.10000"	787303.04876	2302904.0657
28		SP-43	20°48'15.36483"	83°45'37.53719"	787343.93170	2302945.5152
29		SP-44	20°48'18.95581"	83°45'41.61629"	787454.26849	2303057.9262
30		SP-45	20°48'18.71745"	83°45'41.69362"	787462.41767	2303050.7295
31		SP-46	20°48'18.95982"	83°45'42.00449"	787471.28385	2303058.3411
32		SP-46A	20°48'20.68449"	83°45'41.82087"	787465.06227	2303111.3156
33	SP-47	20°48'19.67811"	83°45'39.37236"	787394.75366	2303079.1374	
34	SP-47A	20°48'18.11630"	83°45'37.58581"	787343.88857	2303030.1971	
35	SP-48	20°48'16.52460"	83°45'37.41944"	787339.91410	2302981.1404	
36	SP-49	20°48'15.78410"	83°45'35.87191"	787295.53134	2302957.5896	
37	SP-50	20°48'15.15454"	83°45'34.65554"	787260.67124	2302937.6163	
38	SP-51	20°48'13.24557"	83°45'33.31762"	787222.96803	2302878.2173	
39	SP-52	20°48'11.39110"	83°45'30.61943"	787145.88056	2302819.8220	
40	SP-53	20°48'11.62956"	83°45'30.48882"	787141.97634	2302827.0942	
41	SP-54	20°48'10.65738"	83°45'29.44406"	787112.26119	2302796.6646	
42	SP-55	20°48'09.33978"	83°45'27.99808"	787051.17068	2302755.4089	
43	SP-56	20°48'06.59876"	83°45'24.97804"	786985.18567	2302769.5755	

LEGEND

- | | |
|---|---|
|  | DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar. |
|  | Derived Point for Revenue / DLC Forest Pillar. |
|  | Railway Center Line. |
|  | Railway Corridor. |
|  | Revenue Forest Patches. |
|  | Mouza Boundary. |

User Agency :



भारत सरकार

Govt. of India

पूर्व तट रेलवे

निर्माण संगठन, भवनेश्वर

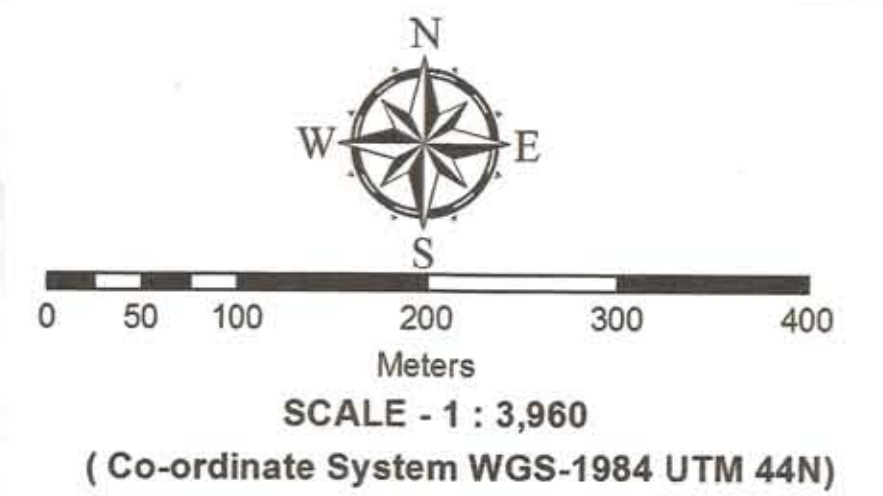
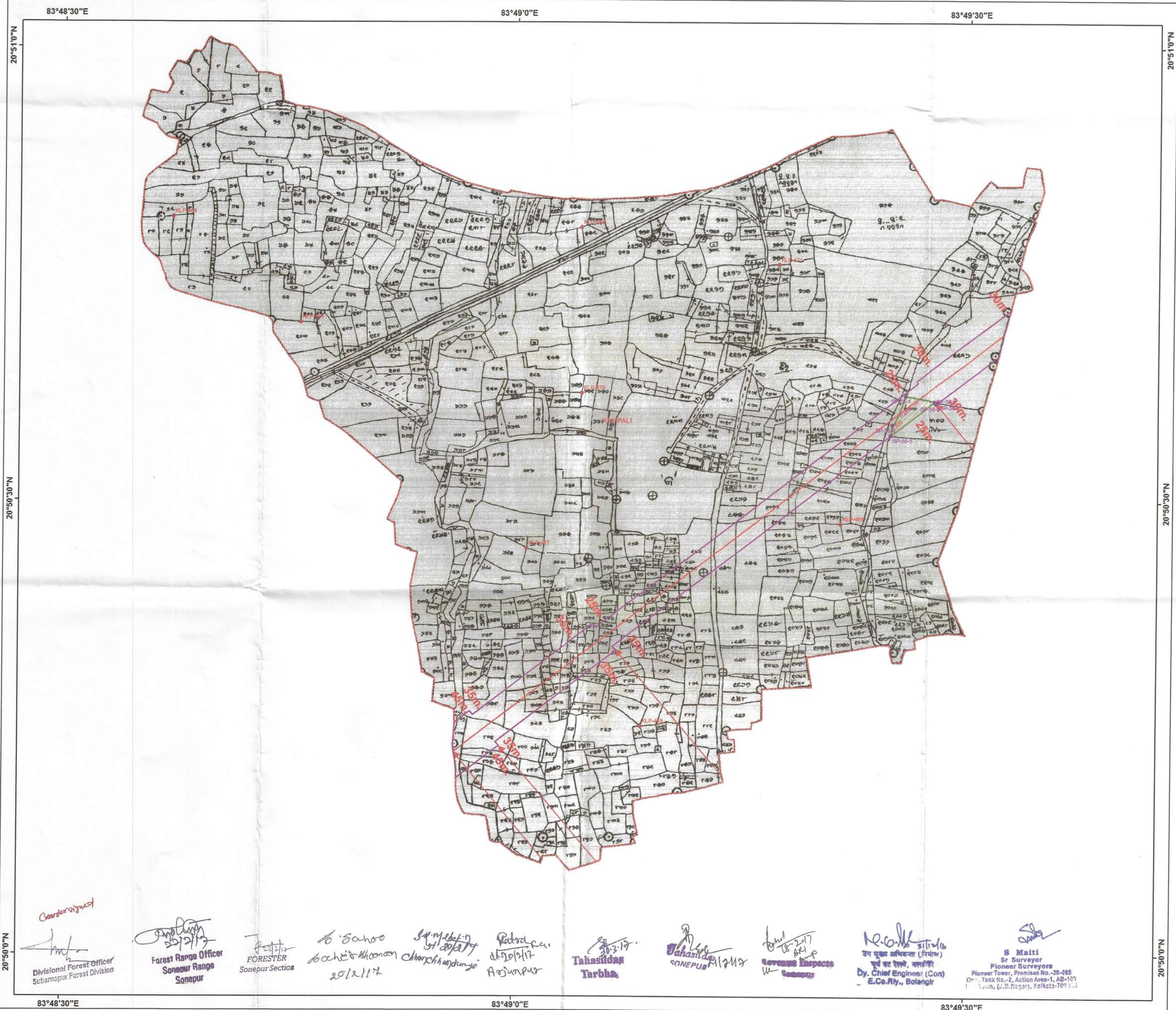
EAST COAST RAILWAY

CONSTRUCTION ORGANISATION

Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA



GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Mouza Name :KULIPALI, Sheet No.- 1, Thana Name & No. - SONEPUR -54, Tahasil : SONEPUR.



Georeferenced point Surveyed by DGPS						
Sl. No.	Mouza Name	Point Id	Latitude	Longitude	Easting	Northing
1	KULIPALI	KLP-464	20° 50' 48.77881" N	83° 48' 37.16962" E	792458.72910	2307755.81590
2		KLP-465	20° 50' 41.80812" N	83° 48' 45.67106" E	792708.38000	2307545.62730
3		KLP-466	20° 50' 48.09400" N	83° 49' 04.27192" E	793243.02340	2307748.45750
4		KLP-470	20° 50' 37.11595" N	83° 49' 04.36910" E	793251.75070	2307410.71400
5		KLP-471	20° 50' 45.65838" N	83° 49' 17.39214" E	793623.83760	2307680.16560
6		KLP-467	20° 50' 26.84363" N	83° 49' 00.77104" E	793153.20900	2307092.81410
7		KLP-468	20° 50' 15.07312" N	83° 49' 08.40888" E	793380.48480	2306734.50630
8		KLP-469	20° 50' 28.50241" N	83° 49' 21.60033" E	793754.82080	2307154.41270

DERIVED CO-ORDINATE OF REVENUE /DLC/SABIK FOREST PILLAR						
SL NO	NAME OF MOUZA	POINT ID	LATITUDE	LONGITUDE	EASTING	NORTHING
1	KULIPALI	SP-56-1	20°50'36.98919" N	83°49'25.85758" E	793873.38257	2307417.71118
2		SP-56-2	20°50'36.56418" N	83°49'28.01681" E	793936.06879	2307405.72983
3		SP-56-3	20°50'36.45741" N	83°49'27.87695" E	793932.08102	2307402.37353
4		SP-56-4	20°50'36.58286" N	83°49'27.76719" E	793928.83846	2307406.17783
5		SP-56-5	20°50'34.36668" N	83°49'24.86144" E	793845.98483	2307336.51101
6		SP-56-6	20°50'35.05869" N	83°49'24.97635" E	793848.93502	2307357.86231

Area Statistics of Revenue /DLC/Sabik Forest Land							
Sl.No.	Name of Mouza	Patch No	Khata No	Plot No	ROArea_Ac	ROArea_Ha	Maparea_Ha
1	KULIPALI	Patch-06	153	300	0.5	0.202	0.253
Total Area					0.5	0.202	0.253



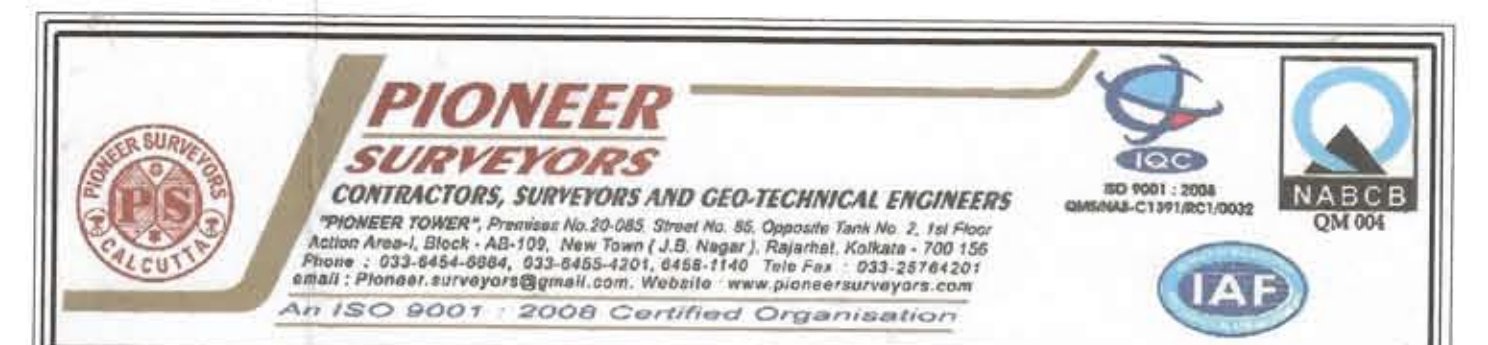
LEGEND

- DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.
- Derived Point for Revenue / DLC Forest Pillar.
- Railway Center Line.
- Railway Corridor.
- ▨ Revenue Forest Patches.
- ▭ Mouza Boundary.

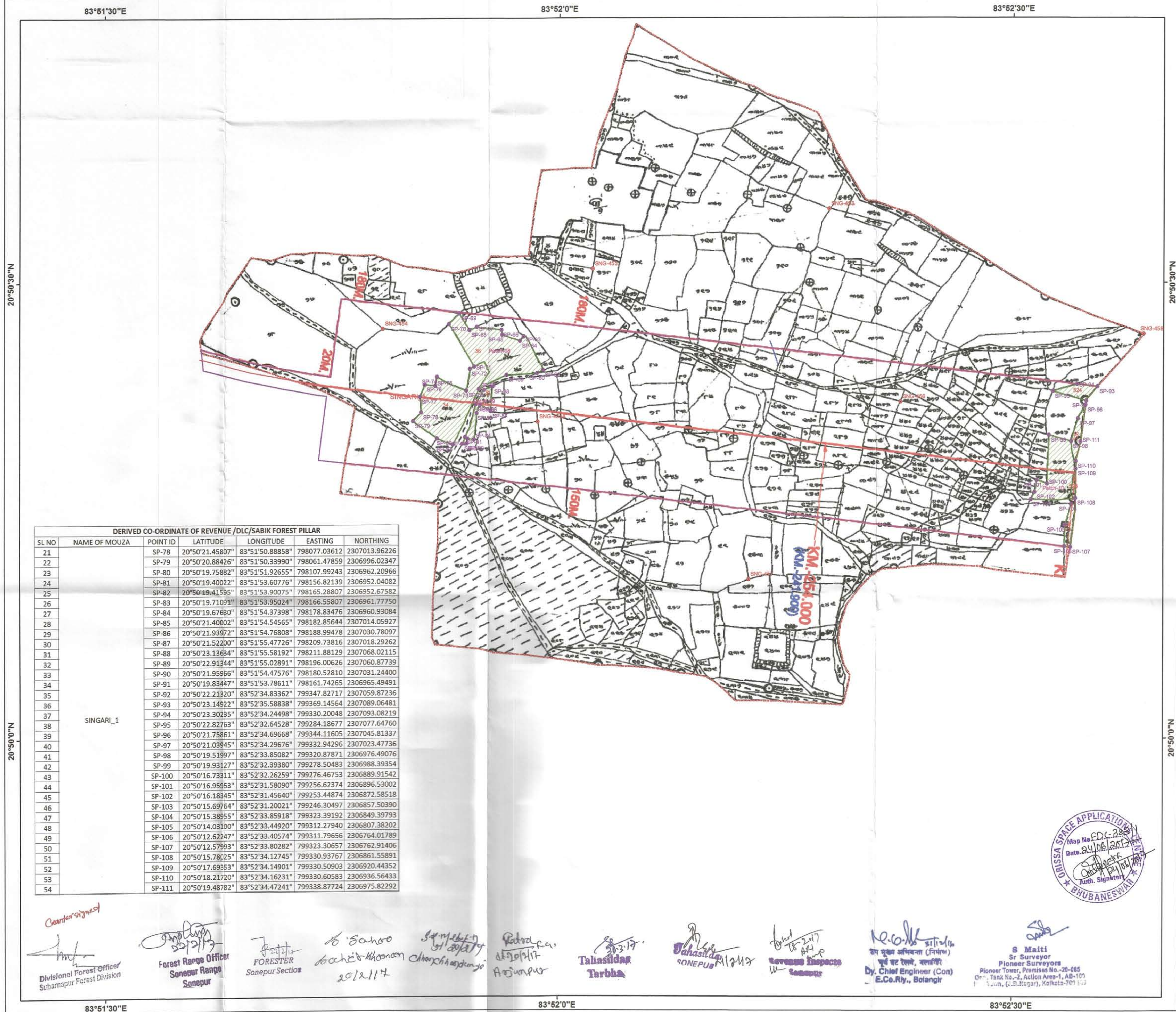
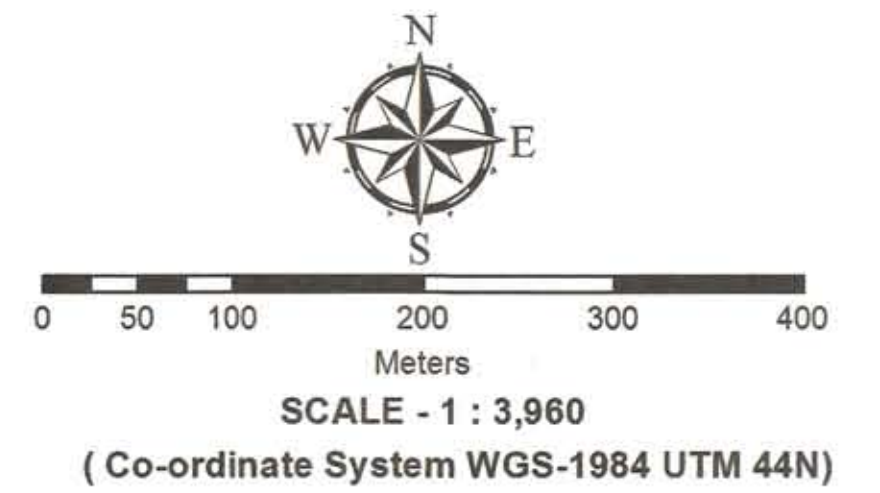
User Agency :



भारत सरकार
Govt. of India
पूर्व तट रेलवे
निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA



GEOREFERENCED MAP SHOWING FOREST PATCHES COMING WITHIN THE CORRIDOR OF KHURDA ROAD - BOLANGIR NEW B.G. RAIL LINK PROJECT.
(PHASE - III, FROM KM 112 TO KM 301) OF EAST COAST RAILWAY UNDER SONEPUR FOREST DIVISION.
Mouza Name :SINGARI, Sheet No.- 1, Thana Name & No. - SONEPUR - 66, Tahasil : SONEPUR.



Georeferenced point Surveyed by DGPS					
Sl. No.	Mouza Name	Point Id	Latitude	Longitude	Easting
1	SINGARI_1	SNG-454	20° 50' 26.97783" N	83° 51' 48.34547" E	798000.44900
2		SNG-454A	20° 50' 20.81791" N	83° 51' 58.58021" E	798299.88350
3		SNG-455	20° 50' 30.88241" N	83° 52' 02.19997" E	798399.07460
4		SNG-453	20° 50' 34.82510" N	83° 52' 17.80404" E	798848.28300
5		SNG-458	20° 50' 26.61121" N	83° 52' 38.61577" E	799454.81450
6		SNG-456	20° 50' 22.13689" N	83° 52' 22.58189" E	798993.46050
7		SNG-457	20° 50' 10.45333" N	83° 52' 12.52698" E	798709.01220

DERIVED CO-ORDINATE OF REVENUE /DLC/SABIK FOREST PILLAR					
SL NO	NAME OF MOUZA	POINT ID	LATITUDE	LONGITUDE	EASTING
1	SINGARI_1	SP-57	20°50'19.34895"	83°51'52.98894"	798138.94875
2		SP-58	20°50'22.98359"	83°51'54.68220"	798185.93884
3		SP-59	20°50'23.91202"	83°51'56.52875"	798238.84503
4		SP-60	20°50'24.03638"	83°51'58.50677"	798297.26515
5		SP-62	20°50'24.22267"	83°51'58.92739"	798308.06017
6		SP-63	20°50'26.45213"	83°51'57.65251"	798269.96009
7		SP-64	20°50'26.15347"	83°51'57.41270"	798263.18674
8		SP-65	20°50'26.55153"	83°51'56.23484"	798228.89668
9		SP-66	20°50'26.88247"	83°51'56.18988"	798227.41501
10		SP-67	20°50'27.08206"	83°51'54.53995"	798179.57824
11		SP-68	20°50'26.86309"	83°51'54.06017"	798165.81988
12		SP-69	20°50'27.97486"	83°51'53.39340"	798145.92318
13		SP-70	20°50'27.27095"	83°51'52.70687"	798126.44980
14		SP-71	20°50'24.46017"	83°51'54.38831"	798176.62835
15		SP-72	20°50'24.30388"	83°51'54.09256"	798168.15880
16		SP-73	20°50'22.87856"	83°51'53.86800"	798162.44379
17		SP-74	20°50'23.79852"	83°51'51.92073"	798105.61118
18		SP-75	20°50'23.20706"	83°51'51.81074"	798102.75367
19		SP-76	20°50'23.28576"	83°51'51.11526"	798082.59238
20		SP-77	20°50'22.48542"	83°51'50.79306"	798073.71023

Area Statistics of Revenue /DLC/Sabik Forest Land							
Sl.No.	Name of Mouza	Patch_No	Khata_No	Plot_No	RROrArea_Ha	RROrArea_Ha	Maparea_Ha
1	SINGARI_1	Patch-08	69	34	0.28	1.133	1.127
2				36	0.21	1.235	1.201
3		Patch-09		48	0.37	0.150	0.157
4				528	0.105	0.042	0.035
5		Patch-10		534	0.26	0.105	0.113
6				526	0.5	0.121	0.131
7				527	0.688	0.66	
8				524	0.365	0.148	0.15
							Kissam
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)
							Patita(Reservation of Gramya Jungle)

LEGEND

- DGPS/ETS Surveyed Point for Geo-referenced of Cadastral Sheets / Reserve Forest Pillar.
- Derived Point for Revenue / DLC Forest Pillar.
- Railway Center Line.
- Railway Corridor.
- Revenue Forest Patches.
- Mouza Boundary.

User Agency :



भारत सरकार
Govt. of India
पूर्व तट रेलवे

निर्माण संगठन, भुवनेश्वर
EAST COAST RAILWAY
CONSTRUCTION ORGANISATION
Rail Vihar, Annex Building, Chandrasekharpur
BHUBANESWAR - 751 023, ODISHA



PIONEER SURVEYORS
CONTRACTORS, SURVEYORS AND GEO-TECHNICAL ENGINEERS
"PIONEER TOWER", Premises No. 20, 2nd Floor, Street No. 85, Opposite Bank No. 2, 1st Floor
Action Area-1, Block - AB-109, New Town (L.B. Nagar), Rajmahal, Kolkata - 700 150
Phone : 033-4454-8884, 033-4454-8201, 033-4454-1140, 033-26784301
Email : Pioneer.surveyors@gmail.com, Website : www.pioneersurveyors.com
An ISO 9001 : 2008 Certified Organisation

ISO 9001:2008 Certified Organisation

NABCB QM 004

IAF