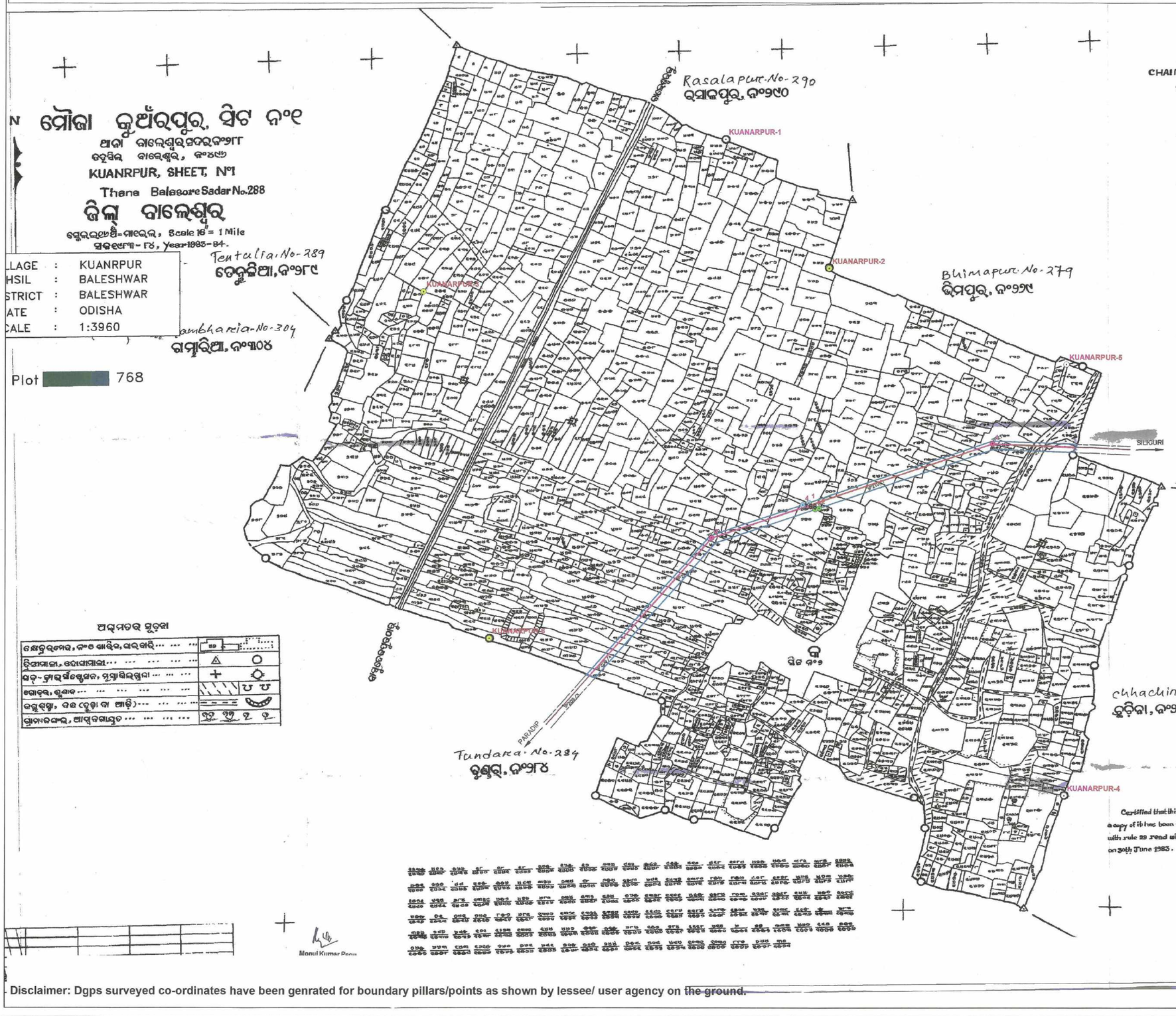
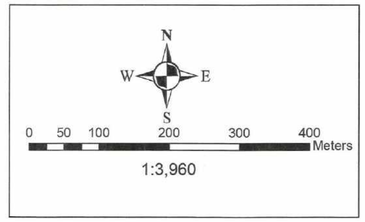
DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA KUANRPUR ,TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.





Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DGPS SURVEYED CENTER POINT CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	489655.151	2363265.806	21°22'17.36946"	86°54'00.76753"
2	489093.084	2363064.18	21°22'10.79929"	86°53'41.25405"

DERIVED CO-ORDINATES OF FOREST PATCH				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	489287.595	2363139.896	21°22'13.26629"	86°53'48.00680"
2	489308.106	2363128.314	21°22'12.88999"	86°53'48.71928"
3	489300.155	2363125.456	21°22'12.79685"	86°53'48.44325"
4	489275.348	2363135.413	21°22'13.12019"	86°53'47.58160"

DGPS SURVEYED GEO-REF CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
KUANARPUR-1	489120.961	2363916.696	21°22'38.52955"	86°53'42.20235"
KUANARPUR-2	489328.475	2363641.091	21°22'29.56945"	86°53'49.41497"
KUANARPUR-3	488516.889	2363592.396	21°22'27.96760"	86°53'21.23264"
KUANARPUR-4	489799.388	2362514.185	21°21'52.92453"	86°54'05.79259"
KUANARPUR-5	489802.949	2363435.551	21°22'22.89375"	86°54'05.89624"
KUANARPUR-6	488648.965	2362850.857	21°22'03.85068"	86°53'25.83707"

FOREST AREA STATISTICS					
SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	KUANRPUR	768	REVENUE FORE	0.047	0.019

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(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

ODISHA SPACE APPLICATIONS CENTRE BHUBANESWAR
2590/16
Memo No.
Dated 9.11.2021
Auth. Signatory

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP- NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA BADAKIA SH-2, TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.

Forest Plot 1028, 1033 & 1251

N

ମୌଜା ବଡ଼କିଆ ସିଟ ନଂ୨

ଥାନା ବାଲେଶ୍ୱର ସଦର ନଂ୨୬୯

ତହସିଲ ବାଲେଶ୍ୱର, ନଂ ୪୫୫

BADAKIA, SHEET, N°2

Thana Balasore Sadar N°269

ଜିଲ୍ଲା ବାଲେଶ୍ୱର

ସ୍କେଲ୧୬ଇଞ୍ଚି = ମାଇଲ, Scale 16" = 1 Mile

ସର୍ଭେସନ-୮୩, Year-1982-83

Village- Badakia- No-2
P.S- Baleshwara sadar- No-269.
Tehsil- Baleshwara No- 455
District- Baleshwara.

ପଦ୍ମପୁର, ନଂ୨୬୮
Padmapur -No-268

ବାଲେଶ୍ୱର, ନଂ୨୭୧
Baleshwara -No-271

ମଝିଟିଆ ନଂ୨୭୩
Majhitia-No-273

ସାଇକୋଣା, ନଂ୨୭୦
Saikona- No-270

ଜୟଦେବକପସା, ନଂ୨୭୬
Jayadevakapasa- No-274

BADAKIA-01
BADAKIA-02
BADAKIA-03
BADAKIA-04
BADAKIA-05

1033
1028

SILOORI

PARADIP

VILLAGE	:	BADAKIA
TEHSIL	:	BALESHWAR
DISTRICT	:	BALESHWAR
STATE	:	ODISHA
SCALE	:	1:3960

Links 100 50 40 30 20 10 0 5 10 15 20 Chains

Monuj Kumar Pegu
Chief General Manager (Project - Pipeline)
Numaligarh Refinery Ltd.
122A, G. S. Road, Christianbasti
Guwahati-781005

Certified that
a copy of it has b
with rule 25 regar
on 16th March

PRINTED AT S. & M. P. O

ORISSA SPACE APPLICATIONS CENTRE
2590/12/1
Date 9-11-2021
Auth. Signatory
BHUBANESWAR

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

N
W E
S
0 50 100 200 300 400 Meters
1:3,960

Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	493904.454	2367211.203	21°24'25.77037"	86°56'28.27633"
2	493924.339	2367203.954	21°24'25.53485"	86°56'28.96712"
3	493911.675	2367185.687	21°24'24.94051"	86°56'28.52748"
4	493892.337	2367192.691	21°24'25.16811"	86°56'27.85570"
5	493772.089	2367016.359	21°24'19.43112"	86°56'23.68135"
6	493762.139	2366977.824	21°24'18.17758"	86°56'23.33624"
7	493766.056	2366974.975	21°24'18.08495"	86°56'23.47233"
8	493756.74	2366962.438	21°24'17.67704"	86°56'23.14892"
9	493750.913	2366965.583	21°24'17.77926"	86°56'22.94648"
10	493755.355	2366974.272	21°24'18.06194"	86°56'23.10067"
11	493749.191	2366978.093	21°24'18.18615"	86°56'22.88652"
12	493753.065	2366988.481	21°24'18.52409"	86°56'23.02095"
13	493713.019	2366933.44	21°24'16.73328"	86°56'21.63074"
14	493713.607	2366926.201	21°24'16.49782"	86°56'21.65125"
15	493725.923	2366920.967	21°24'16.32774"	86°56'22.07911"
16	493722.202	2366915.959	21°24'16.16480"	86°56'21.94993"
17	493706.692	2366925.77	21°24'16.48373"	86°56'21.41107"

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	493875.945	2367155.999	21°24'23.97444"	86°56'27.28682"

DGPS SURVEYED GEO-REF CO-ORDINATES

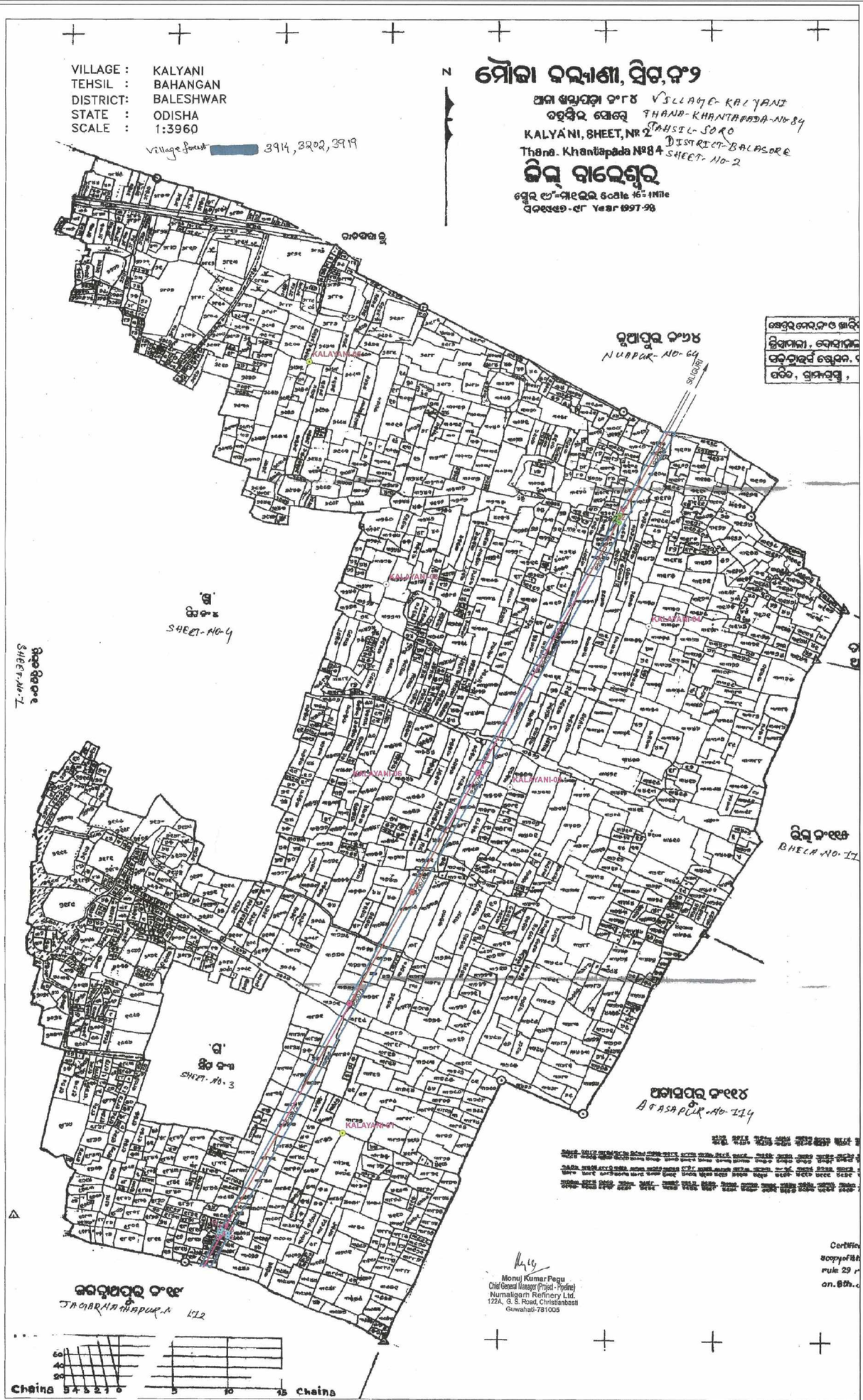
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
BADAKIA-01	495274.123	2367077.897	21°24'21.44920"	86°57'15.85197"
BADAKIA-02	494138.774	2366982.142	21°24'18.32258"	86°56'36.41811"
BADAKIA-03	494174.824	2366585.803	21°24'05.43138"	86°56'37.67518"
BADAKIA-04	494655.858	2367299.512	21°24'28.65140"	86°56'54.37471"
BADAKIA-05	493701.845	2367038.51	21°24'20.15072"	86°56'21.24119"

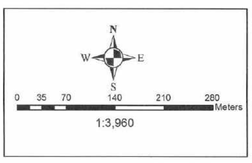
FOREST AREA STATISTICS

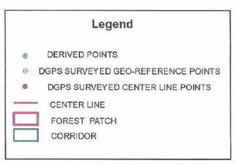
SL.NO.	VILLAGE	PLOT_NO	KISAM	AREA_AC	AREA_HA
1	BADAKIA SH-2	1033	REVENUE FOREST	0.107	0.043
2	BADAKIA SH-2	1251	REVENUE FOREST	0.111	0.045
3	BADAKIA SH-2	1028	REVENUE FOREST	0.025	0.01

ODISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP- NUMALIGARH CRUDE OIL PROJECT IN MOUZA KALYANI ,TAHSIL- BAHANAGA UNDER BALESORE FOREST DIVISION, DIST-BALASORE.







DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	485262.7	2356393.331	21°18'33.71905"	86°51'28.45181"
2	485260.2	2356380.429	21°18'33.29931"	86°51'28.36615"
3	485252.9	2356385.096	21°18'33.45089"	86°51'28.11135"
4	485256.6	2356392.14	21°18'33.68012"	86°51'28.23924"
5	484522.2	2354957.189	21°17'46.98331"	86°51'02.79646"
6	484522.6	2354950.099	21°17'46.75271"	86°51'02.80888"
7	484504.5	2354954.434	21°17'46.89315"	86°51'02.18197"
8	484506.8	2354958.898	21°17'47.03844"	86°51'02.26227"
9	484511.9	2354957.869	21°17'47.00510"	86°51'02.43885"
10	484512.6	2354961.892	21°17'47.13600"	86°51'02.46174"
11	484509.2	2354963.526	21°17'47.18902"	86°51'02.34550"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
KALAYANI-01	484738.125	2355156.718	21°17'53.48001"	86°51'10.28369"
KALAYANI-02	485053.627	2355849.99	21°18'16.03959"	86°51'21.21227"
KALAYANI-03	484821.631	2355256.742	21°18'29.26309"	86°51'13.14661"
KALAYANI-04	485315.074	2356172.151	21°18'26.52623"	86°51'30.27702"
KALAYANI-05	484678.217	2356702.402	21°18'43.75472"	86°51'08.15410"
KALAYANI-06	484752.908	2355862.184	21°18'16.42720"	86°51'10.77396"

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	484994.128	2355877.993	21°18'16.94867"	86°51'19.14615"
2	484869.895	2355639.774	21°18'09.19638"	86°51'14.84170"
3	484751.226	2355416.035	21°18'01.91523"	86°51'10.72999"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO	KISAM	AREA_AC	AREA_HA
1	KALYANI	3919	REVENUE FOREST	0.029	0.012
2	KALYANI	3202	REVENUE FOREST	0.018	0.007
3	KALYANI	3914	REVENUE FOREST	0.005	0.002

Monu Kumar Pegu
Chief General Manager (Project - Pipeline)
Numaligarh Refinery Ltd.
122A, G.S. Road, Christiansbasti
Guwahati-781005

Certified a copy of the ... rule 29 ... on the 8th ...

SPACE APPLICATIONS CENTRE 2590/15/2021 Dated 9.11.2021 Asstt. Secretary BHUBANESWAR

ORSAC
ODISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

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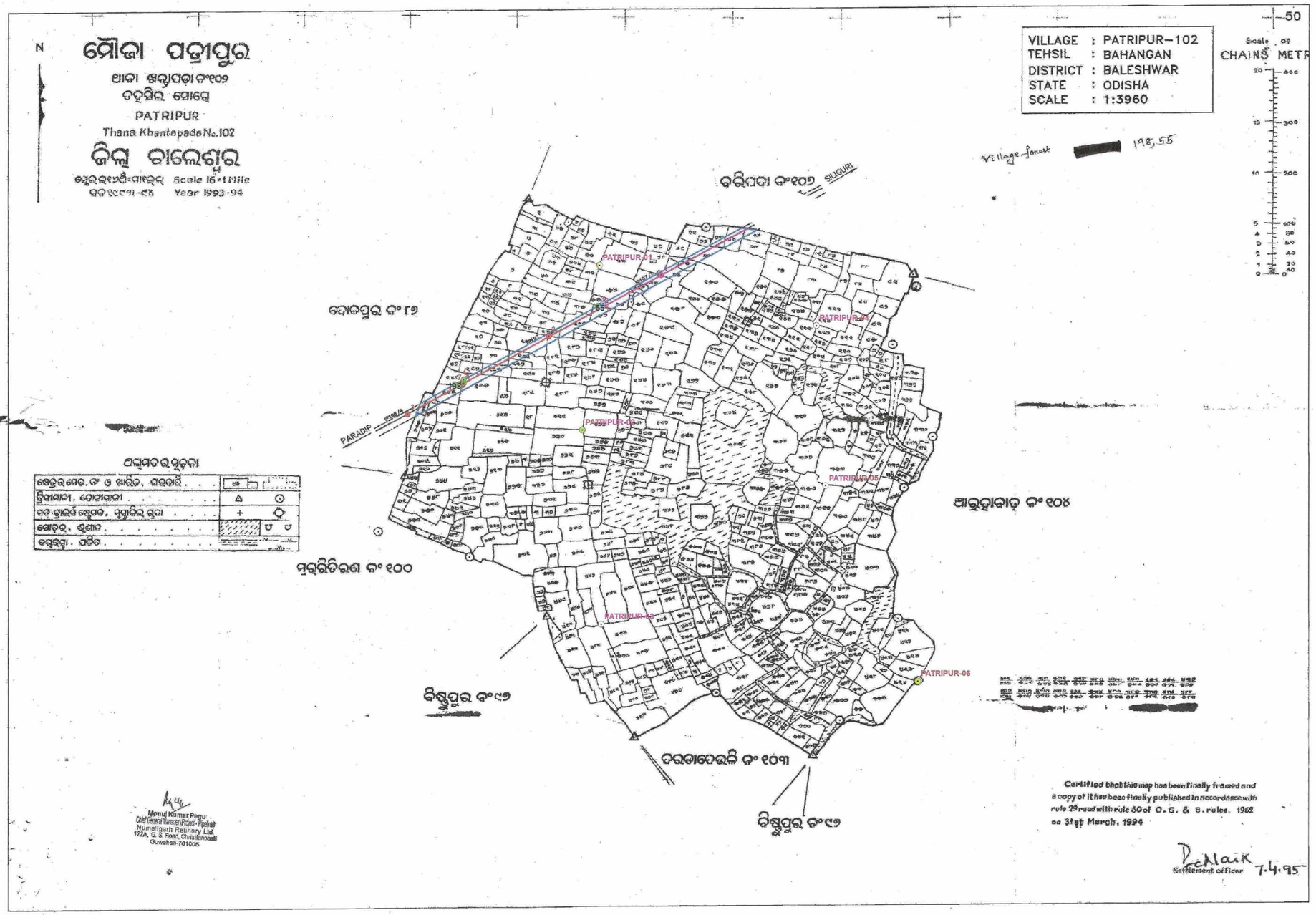
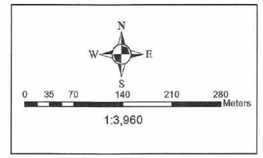
DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA PATRIPUR ,TAHSIL- BAHANAGA UNDER BALESORE FOREST DIVISION, DIST-BALASORE.





Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	482860.02	2352915.793	21°16'40.52874"	86°50'05.17915"
2	482651.008	2352794.872	21°16'36.58836"	86°49'57.93012"
3	482389.195	2352640.761	21°16'31.56650"	86°49'48.85010"

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	482751.707	2352860.167	21°16'38.71570"	86°50'01.42232"
2	482750.339	2352851.907	21°16'38.44697"	86°50'01.37515"
3	482742.223	2352854.664	21°16'38.53636"	86°50'01.09340"
4	482493.177	2352709.526	21°16'33.80686"	86°49'52.45603"
5	482493.095	2352701.509	21°16'33.54606"	86°49'52.45348"
6	482484.056	2352697.094	21°16'33.40215"	86°49'52.13996"
7	482476.839	2352700.004	21°16'33.49656"	86°49'51.88940"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
PATRIPUR-01	482745.673	2352936.047	21°16'41.18363"	86°50'01.21017"
PATRIPUR-02	482713.486	2352608.998	21°16'30.54458"	86°50'00.10514"
PATRIPUR-03	482749.119	2352223.382	21°16'18.00280"	86°50'01.35579"
PATRIPUR-04	483149.149	2352816.19	21°16'37.29871"	86°50'15.21653"
PATRIPUR-05	483166.356	2352498.475	21°16'26.96490"	86°50'15.82501"
PATRIPUR-06	483337.886	2352110.12	21°16'14.33853"	86°50'21.79127"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	PATRIPUR	198	REVENUE FOREST	0.023	0.009
2	PATRIPUR	55	REVENUE FOREST	0.009	0.004

ORISSA SPACE APPLICATIONS CENTRE
Map No. 2590/21/2
Date 9.11.2021
Auth. Signatory
BHUBANESWAR

ORSAC
ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

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DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA TUNDRA ,TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.

ଶୁଦ୍ଧ ସ୍ପିଟ ନଂ୨
ବାଲେଶ୍ୱର ସଦର ନଂ୨୮୪ VILLAGE- TUNDARA.
ବାଲେଶ୍ୱର ନଂ୫୦୭ THANA- BALASORE SADAR - No- 284
A' SHEET No.2 TAHSIL- BALASORE - No- 507
lasore Sader No.284 DISTRICT- BALASORE
ବାଲେଶ୍ୱର SHEET- NO- 2
ମାପଚଲ Scale 16"=1Mile
Year 1985-86

: TUNDRA
: REMUNA
: BALESHWAR
: ODISHA
: 1:3960

1242

ପିଲ୍ଲନ ସ୍ପିଟ ନଂ୧
SHEET- No-1

ଶ୍ରୀରଙ୍ଗ ନଂ୩୦୮
SHRIJANGA- No-308

ଦିହୁଡ଼ିଆ ନଂ୨୩୫
DIHUDIA- No-235

SHEET- No- 3

ଶାଳପାଢ଼ି ନଂ୩୧୫
SALPADHI- No

INCHUDI- No-315
ଇଞ୍ଚୁଡ଼ି ନଂ୩୧୫

Scale of
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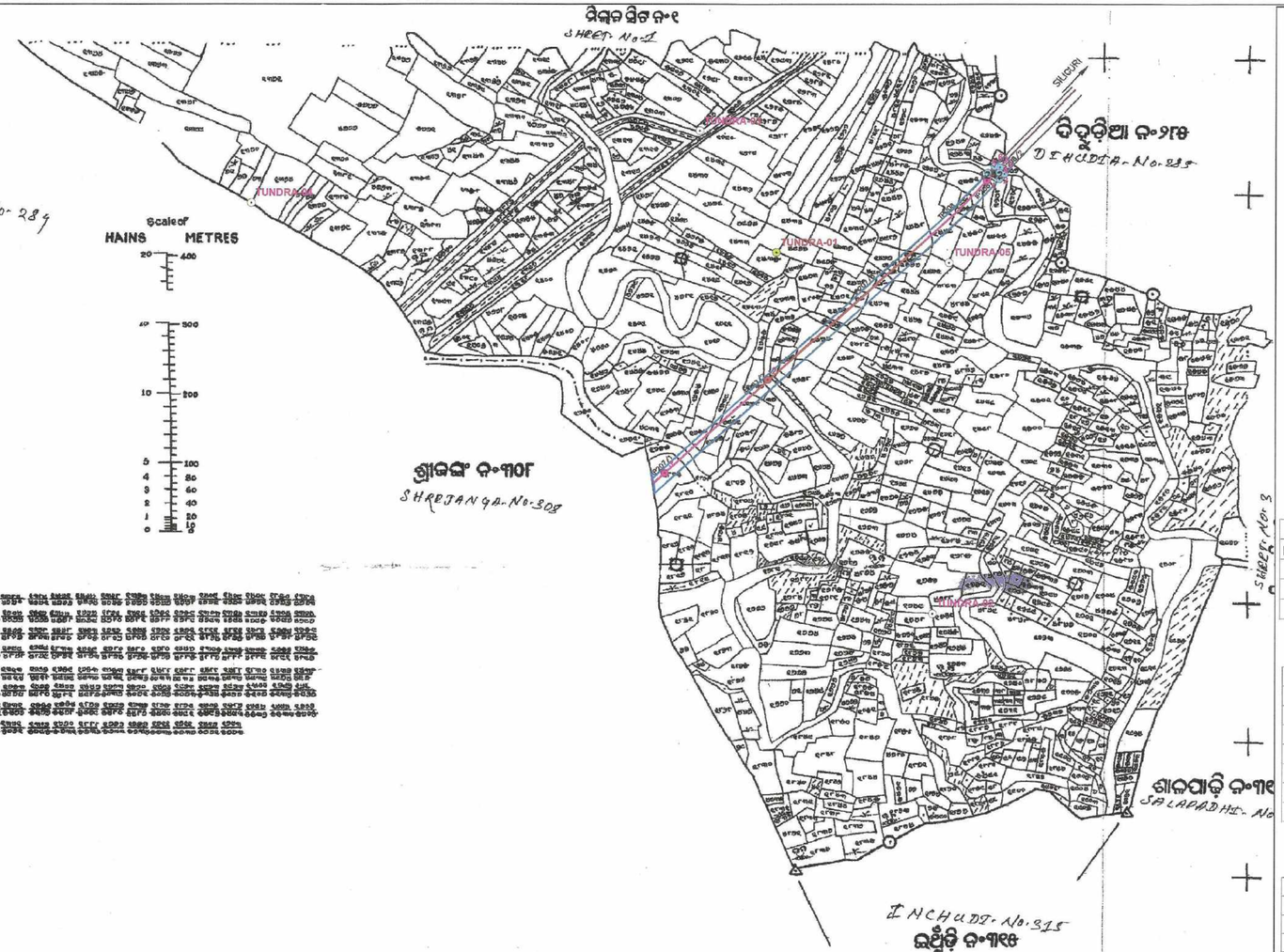
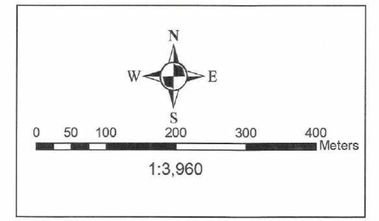




Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	488024.571	2361830.791	21°21'30.65659"	86°53'04.18114"
2	487714.428	2361529.811	21°21'20.85916"	86°52'53.42003"
3	487568.456	2361388.369	21°21'16.25490"	86°52'48.35535"

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	488043.247	2361851.533	21°21'31.33173"	86°53'04.82909"
2	488042.254	2361843.633	21°21'31.07475"	86°53'04.79482"
3	488049.44	2361841.619	21°21'31.00941"	86°53'05.04439"
4	488042.059	2361833.323	21°21'30.73938"	86°53'04.78832"
5	488025.867	2361843.49	21°21'31.06970"	86°53'04.22582"
6	488034.953	2361853.276	21°21'31.38824"	86°53'04.54106"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
TUNDRA-01	487726.631	2361723.561	21°21'27.16153"	86°52'53.83869"
TUNDRA-02	487948.48	2361176.507	21°21'09.37297"	86°53'01.55586"
TUNDRA-03	487617.975	2361907.349	21°21'33.13693"	86°52'50.06106"
TUNDRA-04	486982.763	2361798.816	21°21'29.59058"	86°52'28.00774"
TUNDRA-05	487971.224	2361707.99	21°21'26.66099"	86°53'02.33194"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	TUNDRA	1242	REVENUE FOREST	0.058	0.023

ସଙ୍କେତ ସୂଚନା

ଜଙ୍ଗଲ, ଘରବାରି..	ଦଦ
.....	△ ○
ଦିଗ ସୂଚକ.....	+ ◇

Monul Kumar Pegu
Chief General Manager (Project - Pipeline)
Numaligarh Refinery Ltd.
122A, G ... Jorhat

Certified that this map has been finally framed and a copy of it has been finally published in accordance with rule 29 read with rule 60 of O. S. S. S. rules , 1962 on 22nd February, 1986.

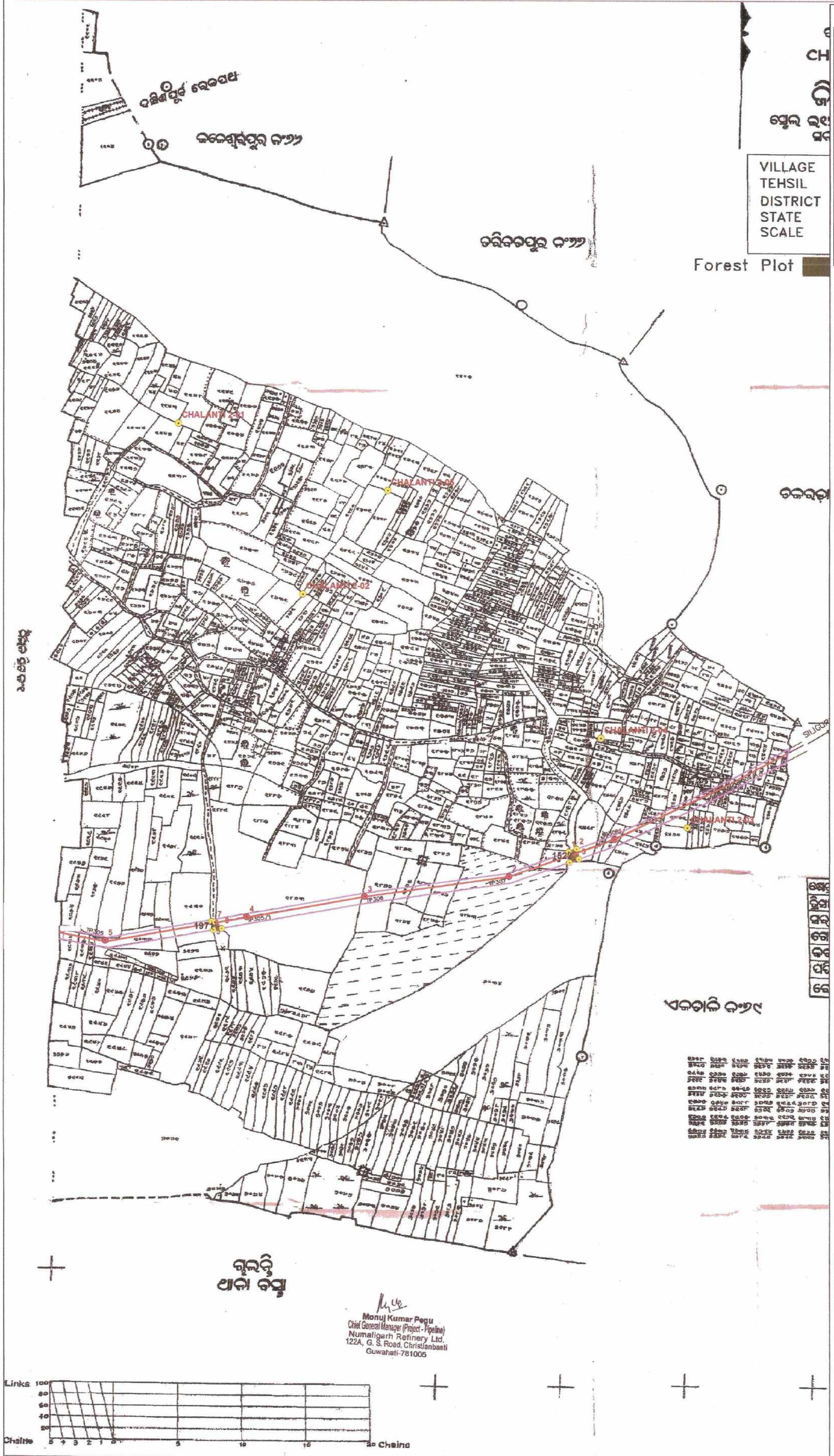
17/11/21
Settlement Officer

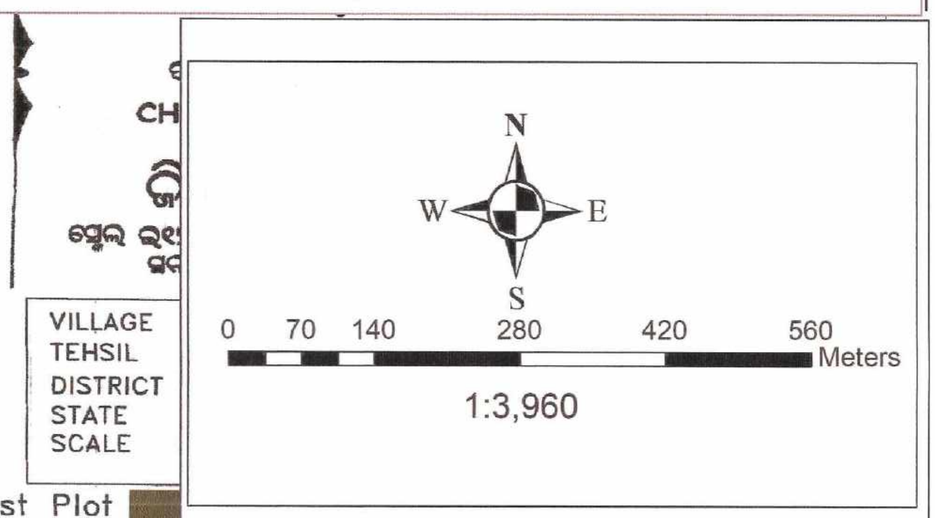
ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

ORSAC
ODISHA SPACE APPLICATIONS CENTRE
2590/22/2
Date 9.11.2021
Auth. Signatory
BHUBANESWAR

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP- NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA CHALANTI SH-2 , TAHSIL- JALESWAR UNDER BALESORE FOREST DIVISION, DIST-BALASORE.





Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF POINTS OF FOREST PATCH				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	519247.378	2406477.428	21°45'42.60674"	87°11'10.17047"
2	519260.368	2406482.447	21°45'42.76949"	87°11'10.62297"
3	519264.219	2406464.348	21°45'42.18065"	87°11'10.75631"
4	519248.533	2406458.366	21°45'41.98671"	87°11'10.20986"
5	518654.56	2406335.821	21°45'38.02382"	87°10'49.52357"
6	518651.54	2406350.872	21°45'38.51346"	87°10'49.41902"
7	518656.953	2406350.088	21°45'38.48777"	87°10'49.60747"
8	518668.773	2406338.526	21°45'38.11124"	87°10'50.01858"

DGPS SURVEYED GEO-REF CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
CHALANTI 2-01	518594.656	2407237.557	21°46'07.35523"	87°10'47.47438"
CHALANTI 2-02	518803.136	2406934.49	21°45'57.48998"	87°10'54.72126"
CHALANTI 2-03	519444.963	2406520.466	21°45'43.99879"	87°11'17.05191"
CHALANTI 2-04	519300.927	2406679.382	21°45'49.17323"	87°11'12.04344"
CHALANTI 2-05	518944.174	2407118.448	21°46'03.46784"	87°10'59.63979"

DGPS SURVEYED CENTER POINT CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	519324.018	2406499.548	21°45'43.32319	87°11'12.83989"
2	519147.7027	2406432.572	21°45'41.15170	87°11'06.69803"
3	518907.139	2406395.546	21°45'39.95673	87°10'58.32042"
4	518710.1195	2406358.97	21°45'38.77461	87°10'51.45901"
5	518473.9889	2406316.029	21°45'37.38691	87°10'43.23559"

FOREST AREA STATISTICS					
SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	CHALANTI-2	1971	REVENUE FOREST	0.034	0.014
2	CHALANTI -2	1522	REVENUE FOREST	0.069	0.028

ORISSA SPACE APPLICATIONS CENTRE
2590/81
Date 9-11-2021
Auth. Signatory
BHUBANESWAR

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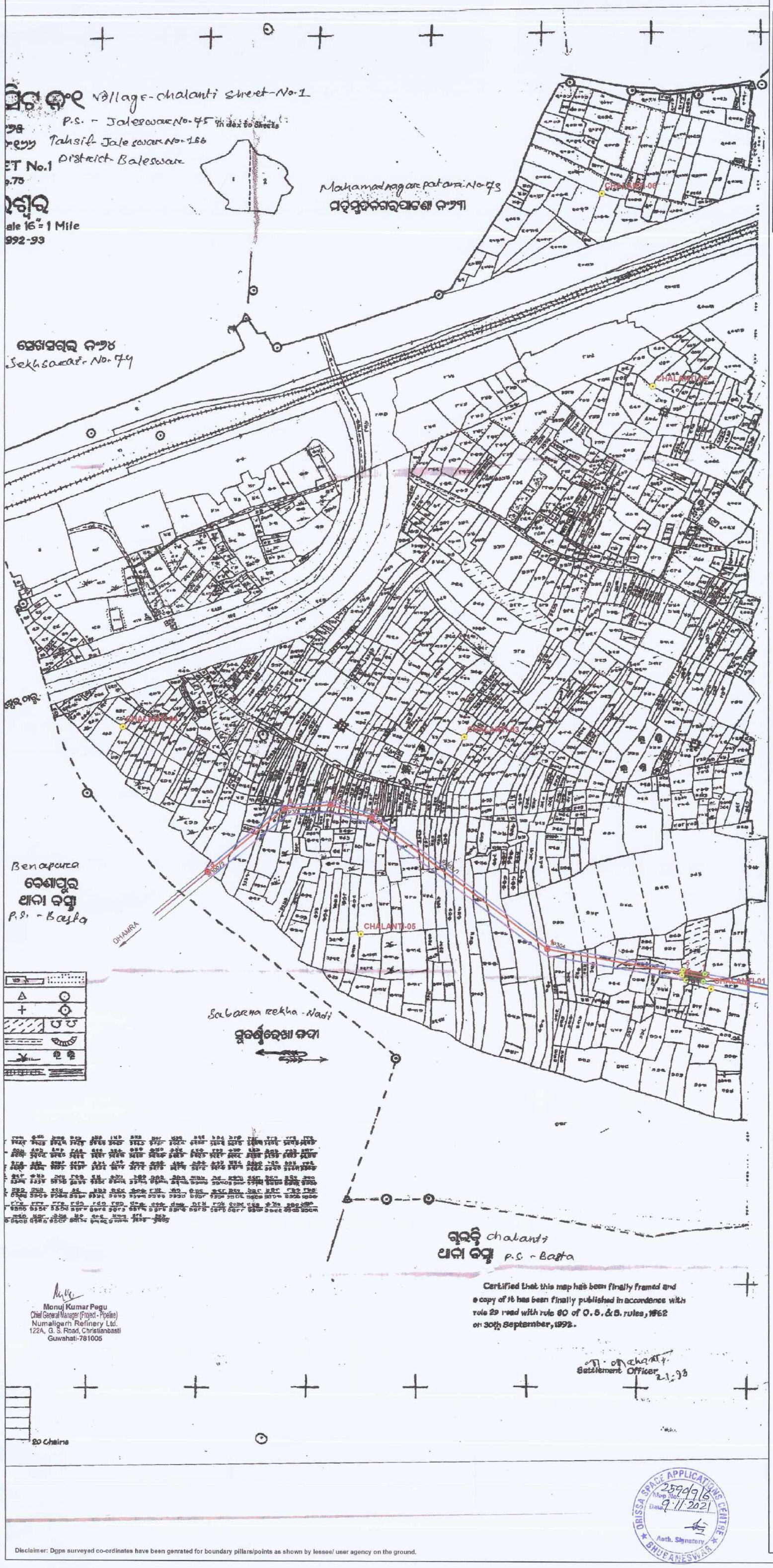
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA CHALANTI SH-1 , TAHSIL- JALESWAR UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



N
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1:3,960

Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	518325.794	2406350.82	21°45'38.52402"	87°10'38.07707"
2	518323.069	2406336.156	21°45'38.04718"	87°10'37.98162"
3	518291.896	2406338.844	21°45'38.13576"	87°10'36.89633"
4	518284.479	2406348.121	21°45'38.43780"	87°10'36.63846"
5	518286.525	2406357.951	21°45'38.75745"	87°10'36.71008"

DGPS SURVEYED CENTER POINT CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	518041.761	2406396.916	21°45'40.03383"	87°10'28.18931"
2	517724.484	2406648.998	21°45'48.24439"	87°10'17.15194"
3	517649.916	2406671.828	21°45'48.98964"	87°10'14.55643"
4	517568.738	2406665.023	21°45'48.77121"	87°10'11.72963"
5	517429.011	2406542.404	21°45'44.78799"	87°10'06.85982"

DGPS SURVEYED GEO-REF CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
CHALANTI-01	518336.636	2406321.864	21°45'37.58183"	87°10'38.45342"
CHALANTI-02	518230.018	2407479.107	21°46'15.22538"	87°10'34.78714"
CHALANTI-03	517890.592	2406803.846	21°45'53.27485"	87°10'22.94171"
CHALANTI-04	517275.292	2406821.473	21°45'53.87019"	87°10'01.51800"
CHALANTI-05	517704.821	2406424.04	21°45'40.92830"	87°10'16.45863"
CHALANTI-06	518136.247	2407849.128	21°46'27.26383"	87°10'31.53661"

FOREST AREA STATISTICS					
SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	CHALANTI-1	791	REVENUE FOREST	0.157	0.063

Monuj Kumar Pegu
Chief General Manager (Project - Pipeline)
Numaligarh Refinery Ltd.
122A, G. S. Road, Christianbasti
Guwahati-781005

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Settlement Officer 21.93

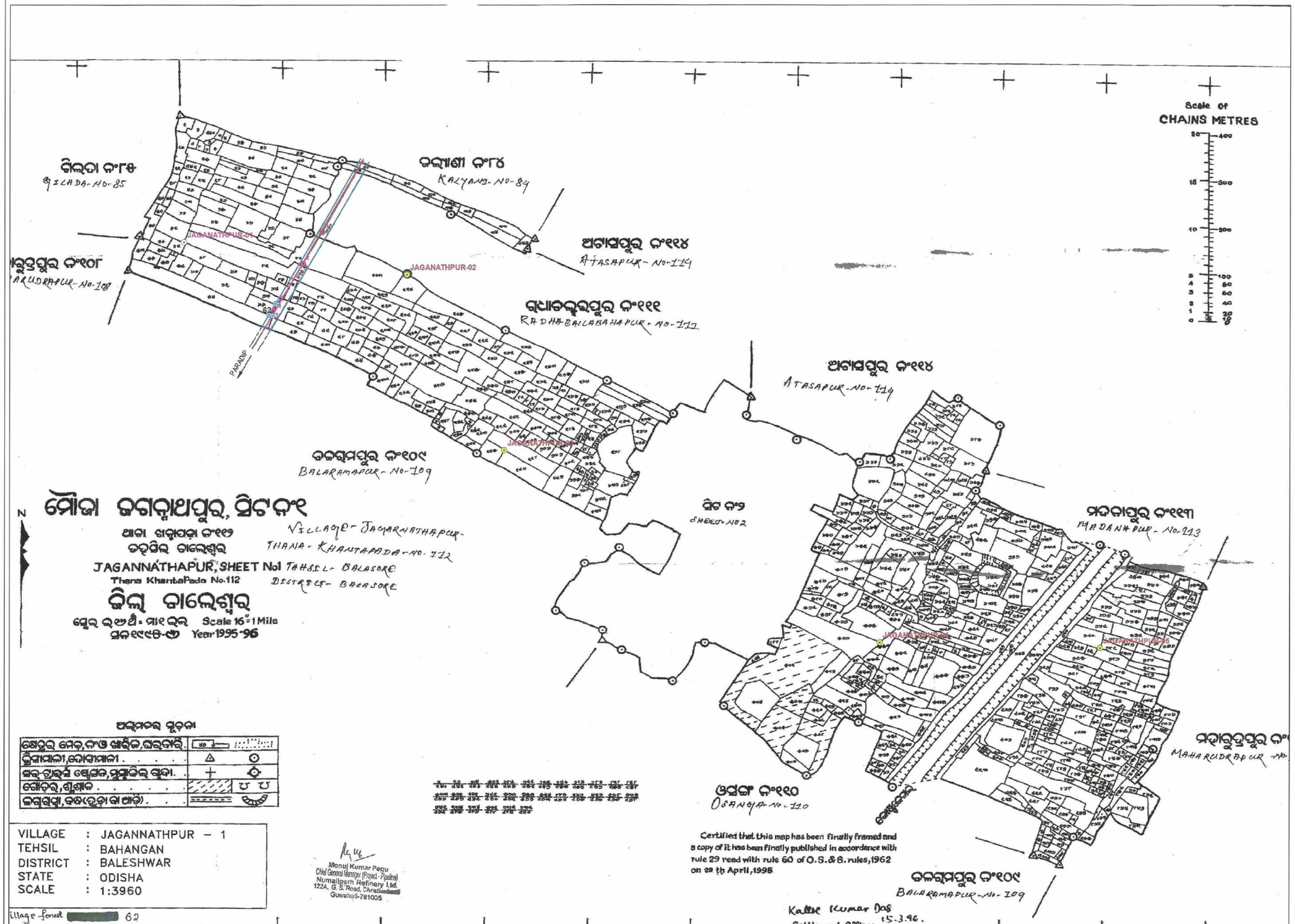
ORISSA SPACE APPLICATIONS CENTRE
Map No. 2399/16
Date 9.11.2021
Auth. Signatory
BHUBANESWAR

ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE

PROJECT IN MOUZA JAGANATHPUR ,TAHSIL- BAHANAGA UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



ଅଭିମତର ସୂଚନା

ଷ୍ଟେସନ୍ ଗେଟ୍, ନଂ ଓ ସାଇନ୍ ବୋର୍ଡ଼
ପ୍ରିମାଙ୍କୀ ଷ୍ଟୋପମାଳୀ	△ ⊙
ରେଳ ଫାଟକ ଖୋଲା ଓ ପୁରୁଣି ଗୁମ୍ଫା	+ ⊕
ଗୋଚର, ଶ୍ମଶାନ	⊍ ⊍
ଜଗ୍ଗଡ଼ା, ଜଙ୍ଗଲ (ଝୁଡ଼ା ଓ ଝାଡ଼ି)	

VILLAGE	:	JAGANNATHPUR – 1
TEHSIL	:	BAHANGAN
DISTRICT	:	BALESHWAR
STATE	:	ODISHA
SCALE	:	1:3960

Village forest [redacted] 62

0 5 10 15 Chains

Manul Kumar Pegu
Chief General Manager (Project - Pipeline)
Numaligarh Refinery Ltd.
122A, G.S. Road, Christiannagar
Guwahati-781005

Certified that this map has been finally framed and a copy of it has been finally published in accordance with rule 29 read with rule 60 of O.S.& S. rules,1962 on 29 th April,1995

Kallol Kumar Das
Settlement Officer 15.3.96.

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

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1:3,960

Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	484402.316	2354746.354	21°17'40.12175"	86°50'58.64186"
2	484364.244	2354680.025	21°17'37.96310"	86°50'57.32268"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
JAGANATHPUR-01	484130.957	2354725.909	21°17'39.44825"	86°50'49.22435"
JAGANATHPUR-02	484568.482	2354657.546	21°17'37.23821"	86°51'04.41197"
JAGANATHPUR-03	484759.662	2354289.228	21°17'25.26371"	86°51'11.05924"
JAGANATHPUR-04	485495.952	2353886.602	21°17'12.18923"	86°51'36.62571"
JAGANATHPUR-05	485928.186	2353874.967	21°17'11.82303"	86°51'51.62702"

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	484310.014	2354596.617	21°17'35.24837"	86°50'55.44326"
2	484314.84	2354594.765	21°17'35.18828"	86°50'55.61082"
3	484304.451	2354571.6	21°17'34.43446"	86°50'55.25105"
4	484297.389	2354574.064	21°17'34.51441"	86°50'55.00585"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO	KISAM	AREA_AC	AREA_HA
1	JAGANATHPUR	62	REVENUE FOREST	0.04	0.016

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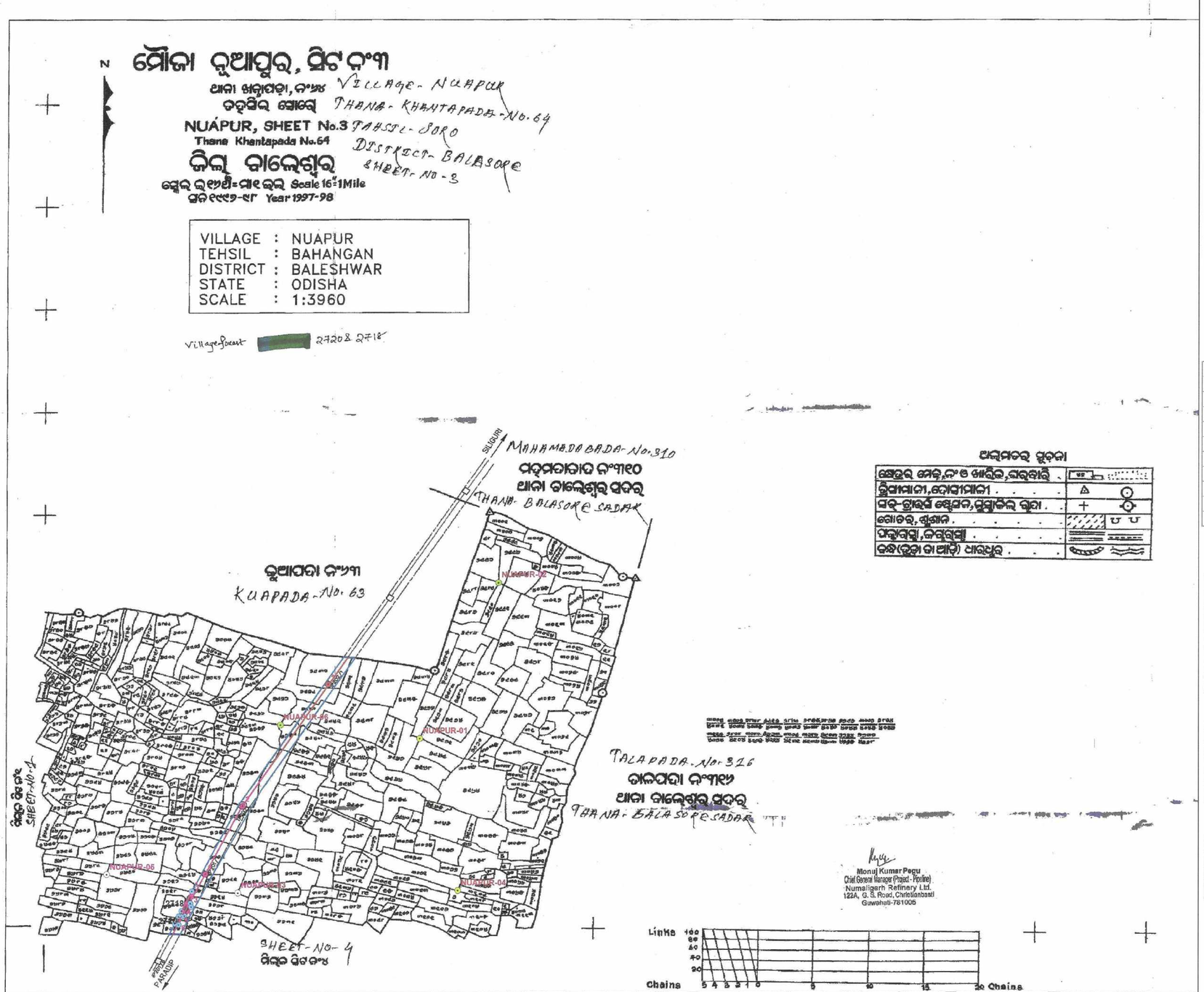
ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

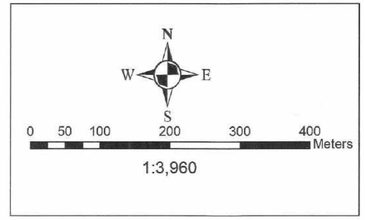
ODISHA SPACE APPLICATIONS CENTRE
2590/14/2
Dt. 9.11.2021
Auth. Signatory
BHUBANESWAR

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA NUAPUR ,TAHSIL- BAHANAGA UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



ଅନୁସୂଚୀର ସୂଚନା

ଷ୍ଟେଟ୍ ହାଇୱେ ଷ୍ଟେସନ, ପୁଲ୍ ଆଣ୍ଡ୍ ଗାର୍ଡ଼	
ଡ୍ରିଙ୍କିଙ୍ଗ୍ ୱାଟର୍, ଟୋପୋଗ୍ରାଫିକ୍	△ ⊙
ପବ୍ଲିକ୍ ଟ୍ରାନ୍ସପୋର୍ଟ ଷ୍ଟେସନ, ପୁଲ୍ ଆଣ୍ଡ୍ କଲ୍ଭର୍ଟ	+ ⊕
ଗୋଚର, ଶ୍ମଶାନ	∪ ∪
ଫରେଷ୍ଟ୍ ରୋଡ୍, ଟ୍ରାକ୍	
ରେଳ (ଡ୍ରିଙ୍କ ଓ ଆଣ୍ଡି) ଷ୍ଟେସନ୍	



Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	485956.27	2357775.357	21°19'18.69209"	86°51'52.48547"
2	485953.482	2357752.085	21°19'17.93505"	86°51'52.38938"
3	485955.104	2357744.973	21°19'17.70377"	86°51'52.44591"
4	485942.504	2357727.129	21°19'17.12299"	86°51'52.00904"
5	485936.877	2357725.869	21°19'17.08187"	86°51'51.81374"
6	485931.977	2357709.756	21°19'16.55763"	86°51'51.64413"
7	485924.813	2357712.504	21°19'16.64680"	86°51'51.39533"
8	485931.723	2357726.311	21°19'17.09610"	86°51'51.63481"
9	485937.041	2357736.937	21°19'17.44186"	86°51'51.81910"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
NUAPUR-01	486374.411	2358074.532	21°19'28.43488"	86°52'06.99215"
NUAPUR-02	486518.193	2358379.638	21°19'38.36295"	86°52'11.97474"
NUAPUR-03	486040.621	2357772.538	21°19'18.60276"	86°51'55.41369"
NUAPUR-04	486444.202	2357776.895	21°19'18.75552"	86°52'09.42348"
NUAPUR-05	485800.275	2357808.364	21°19'19.76132"	86°51'47.06928"
NUAPUR-06	486119.055	2358101.201	21°19'29.29534"	86°51'58.12677"

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	486206.08	2358180.356	21°19'31.87243"	86°52'01.14550"
2	486049.187	2357942.156	21°19'24.12015"	86°51'55.70605"
3	485980.597	2357808.563	21°19'19.77288"	86°51'53.32897"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	NUAPUR	2720	REVENUE FOREST	0.025	0.01
2	NUAPUR	2718	REVENUE FOREST	0.094	0.038

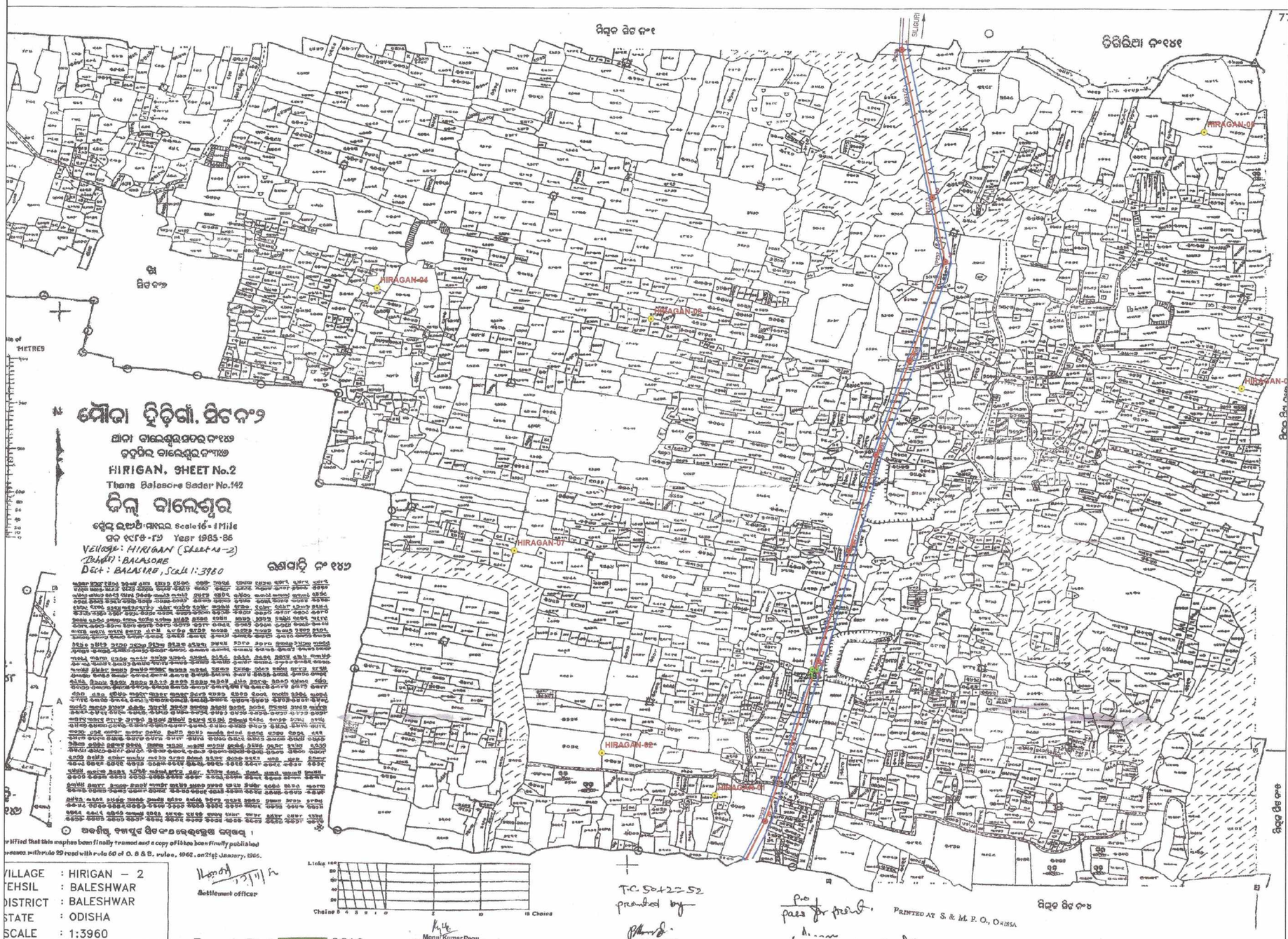
ORSAC

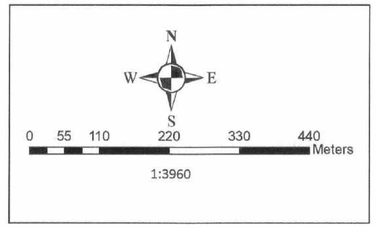
2590/181/
Dated 9.11.2021
Asstt. Scientific Officer

ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA HIDIGAON, TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.





Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	496799.339	2372257.732	21°27'09.94409"	86°58'08.79320"
2	496808.742	2372256.679	21°27'09.90990"	86°58'09.11991"
3	496803.34	2372243.091	21°27'09.46789"	86°58'08.93231"
4	496796.032	2372246.1	21°27'09.56572"	86°58'08.67836"

DGPS SURVEYED GEO-REF CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
HIRAGAN-01	496596.907	2371976.294	21°27'00.78855"	86°58'01.76175"
HIRAGAN-02	496361.026	2372071.066	21°27'03.86948"	86°57'53.56546"
HIRAGAN-03	496460.718	2373041.641	21°27'35.43969"	86°57'57.02187"
HIRAGAN-04	495889.096	2373112.772	21°27'37.74895"	86°57'37.15932"
HIRAGAN-05	497612.441	2373460.386	21°27'49.06686"	86°58'37.03821"
HIRAGAN-06	497692.643	2372886.347	21°27'30.39571"	86°58'39.82789"
HIRAGAN-07	496177.323	2372523.729	21°27'18.59168"	86°57'47.17911"

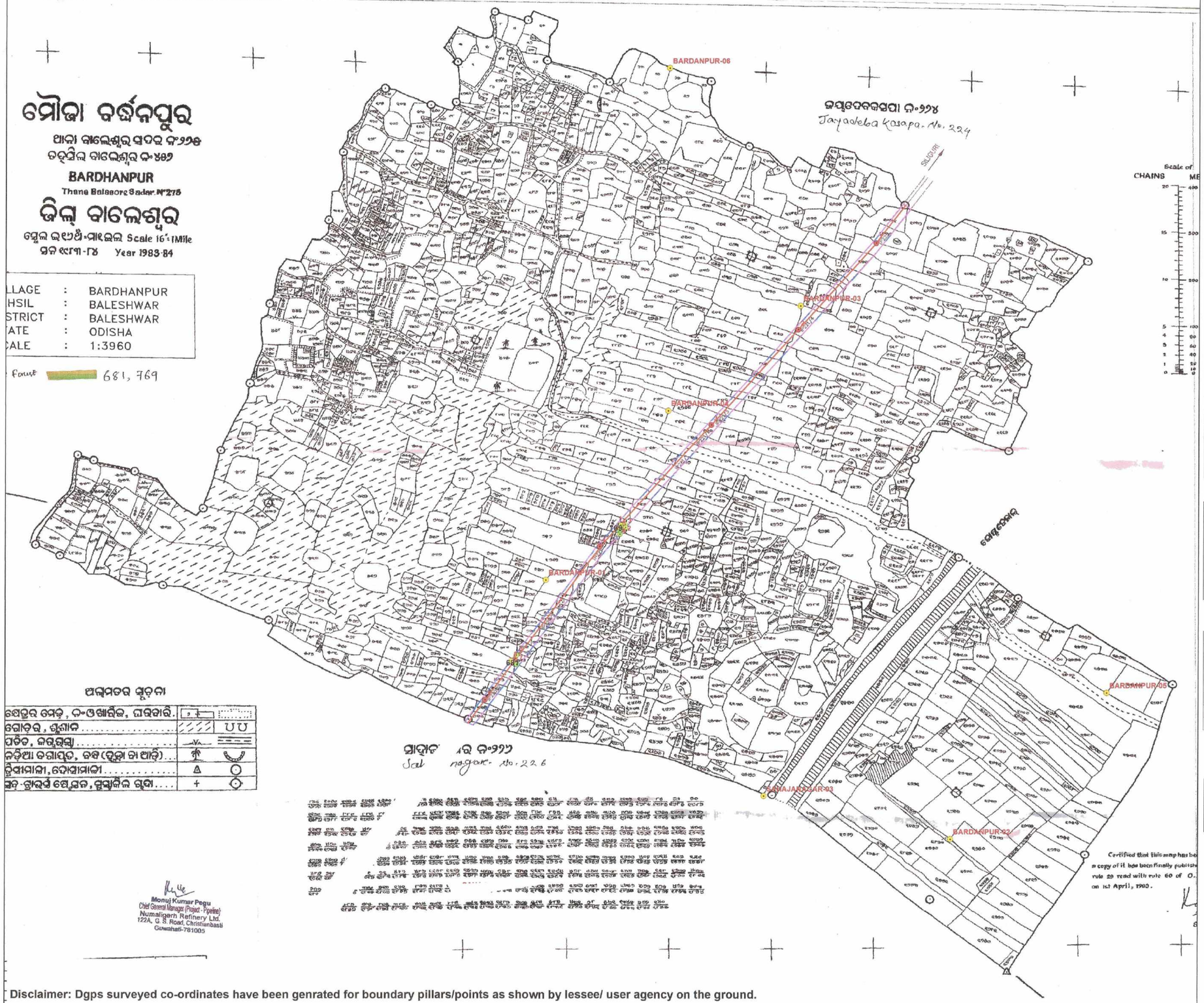
DGPS SURVEYED CENTER POINT CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	496981.785	2373643.961	21°27'55.03450"	86°58'15.12329"
2	497047.052	2373313.701	21°27'44.29266"	86°58'17.39329"
3	497074.391	2373169.377	21°27'39.59846"	86°58'18.34413"
4	497000.392	2372948.698	21°27'32.42010"	86°58'15.77431"
5	496930.83	2372738.026	21°27'25.56726"	86°58'13.35868"
6	496875.319	2372523.139	21°27'18.57735"	86°58'11.43132"
7	496811.663	2372275.86	21°27'10.53382"	86°58'09.22127"
8	496701.518	2371917.087	21°26'58.86342"	86°58'05.39681"

FOREST AREA STATISTICS					
SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	HIDIGAON	2219	REVENUE FOREST	0.028	0.011

ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/46 (part), Jayadev Vihar
Bhubaneswar

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP- NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA BARDHANPUR, TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



ମୌଜା ବର୍ଦ୍ଧନପୁର
ଥାନା ବାଲେଶ୍ୱର ସଦର ନଂ୨୨୫
ତହସିଲ ବାଲେଶ୍ୱର ନଂ୪୫୨

BARDHANPUR
Thana Balasore Sadar N°275

ଜିଲ୍ଲା ବାଲେଶ୍ୱର
ଷ୍ଟେଲ ଇଂଥ୍ରି-ପାଏଲଲ Scale 16"=1Mile
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LLAGE	:	BARDHANPUR
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ଜୟଦେବକଷପା ନଂ୨୨୪
Jayadeba Kasapa. No. 224

ସାହାଡ ନଂ୨୨୬
Sal nagar- No. 226

ଅଲ୍ପମତର ସୂଚନା

ଖେତରୁ ରେଳ, ନଂଓଖାଲିଜ, ଘରବାରି	
ଗୋଚର, ଶ୍ମଶାନ	UU
ପର୍ବତ, ଜଉଗୁମ୍ବା	
ନଡ଼ିଆ ତଗାପୁଟ, ବଟ (ବୁଢ଼ା ବା ଆଡ଼ି)	
ତ୍ରିସୀମାଳୀ, ଦୋସୀମାଳୀ	
ଜିନ୍-ଟ୍ରାଭର୍ସ ଷ୍ଟେସ୍ଟନ, ସୁପ୍ରୀଜିଲ ଗୁଦା	

Monuj Kumar Pegu
Chief General Manager (Project - Pipeline)
Numaligarh Refinery Ltd.
122A, G. S. Road, Christianbasti
Guwahati-781005

Certified that this map has be
a copy of it has been finally publish
rule 29 read with rule 60 of O.
on 1st April, 1903.

Scale of CHAINS ME

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Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	492450.583	2365412.692	21°23'27.25079"	86°55'37.80635"
2	492458.772	2365413.425	21°23'27.27477"	86°55'38.09074"
3	492459.992	2365407.476	21°23'27.08128"	86°55'38.13321"
4	492448.482	2365393.475	21°23'26.62568"	86°55'37.73370"
5	492448.408	2365402.369	21°23'26.91500"	86°55'37.73097"
6	492245.49	2365138.426	21°23'18.32667"	86°55'30.68795"
7	492245.974	2365119.043	21°23'17.69620"	86°55'30.70508"
8	492235.224	2365126.211	21°23'17.92920"	86°55'30.33160"

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	492953.989	2366009.185	21°23'46.66015"	86°55'55.28081"
2	492800.068	2365826.222	21°23'40.70674"	86°55'49.93773"
3	492628.563	2365624.504	21°23'34.14300"	86°55'43.98432"
4	492408.623	2365367.176	21°23'25.76967"	86°55'36.34982"
5	492183.404	2365043.358	21°23'15.23342"	86°55'28.53329"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
BARDANPUR-01	492302.797	2365297.354	21°23'23.49696"	86°55'32.67558"
BARDANPUR-02	493102.12	2364748.856	21°23'05.66771"	86°56'00.44418"
BARDANPUR-03	492804.535	2365877.192	21°23'42.36471"	86°55'50.09209"
BARDANPUR-04	492543.981	2365654.898	21°23'35.13039"	86°55'41.04623"
BARDANPUR-05	493409.633	2365058.764	21°23'15.75218"	86°56'11.11943"
BARDANPUR-06	492545.605	2366379.11	21°23'58.68669"	86°55'41.09111"

FOREST AREA STATISTICS

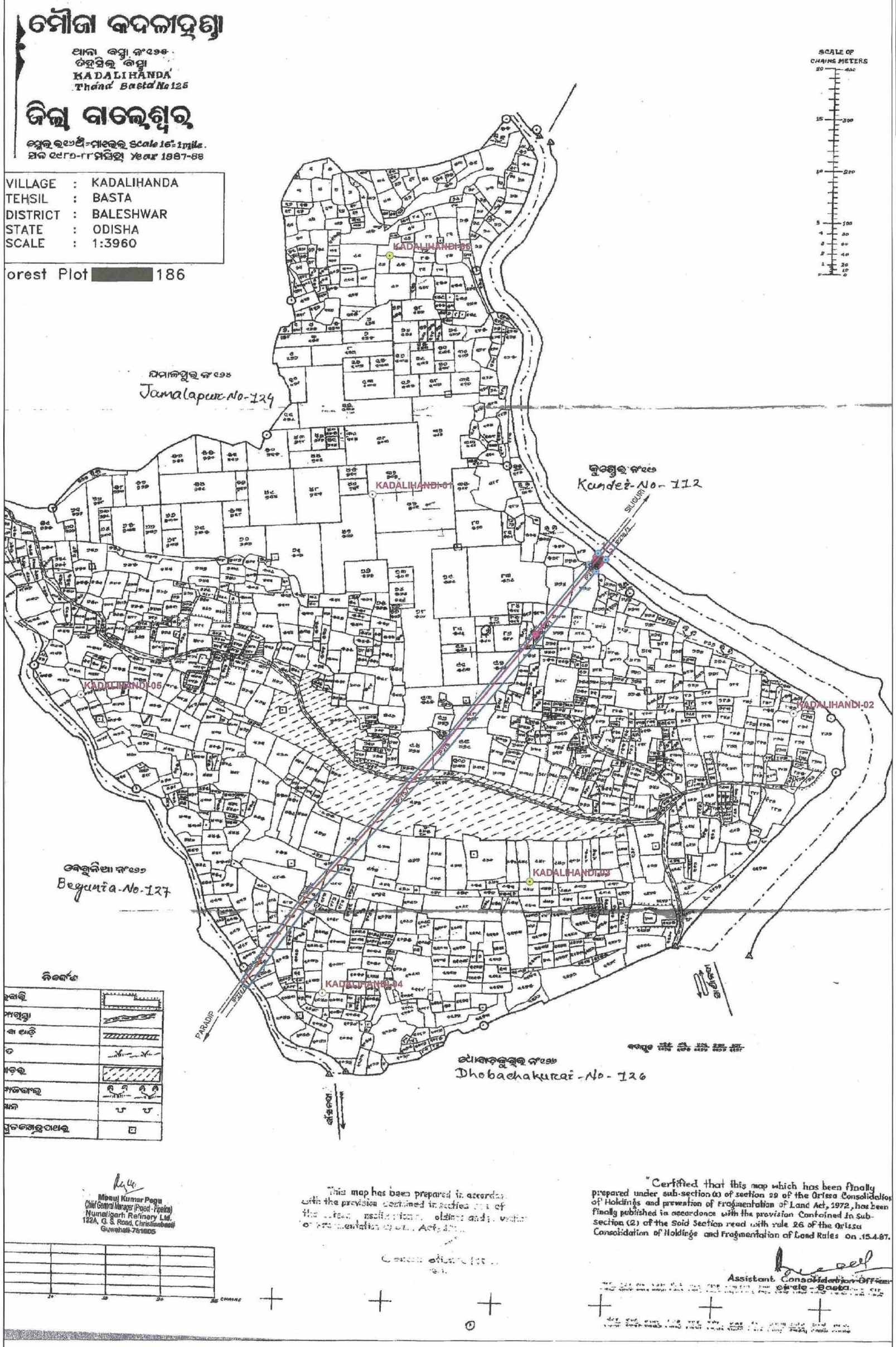
SL.NO.	VILLAGE	PLOT_NO	KISAM	AREA_AC	AREA_HA
1	BARDHANPUR	681	REVENUE FOREST	0.025	0.01
2	BARDHANPUR	769	REVENUE FOREST	0.032	0.013

ORSAC
ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

ORISSA SPACE APPLICATIONS CENTRE BHUBANESWAR
Memo No. 2590/III
Dated 9.11.2021
Auth. Signatory

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP- NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA KADALIHANDA , TAHSIL- BASTA UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



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Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	510049.048	2395968.757	21°40'01.08099"	87°05'49.66674"
2	510063.016	2395956.319	21°40'00.67615"	87°05'50.15250"
3	510045.355	2395933.415	21°39'59.93154"	87°05'49.53745"
4	510032.312	2395947.291	21°40'00.38313"	87°05'49.08391"

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	509934.246	2395809.768	21°39'55.91208"	87°05'45.66867"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
KADALIHANDI-01	509635.024	2396083.336	21°40'04.81602"	87°05'35.26275"
KADALIHANDI-02	510407.315	2395655.415	21°39'50.88189"	87°06'02.12591"
KADALIHANDI-03	509924.013	2395324.852	21°39'40.14005"	87°05'45.30217"
KADALIHANDI-04	509543.985	2395105.636	21°39'33.01737"	87°05'32.07474"
KADALIHANDI-05	509101.246	2395689.978	21°39'52.03189"	87°05'16.68153"
KADALIHANDI-06	509667.442	2396551.241	21°40'20.03433"	87°05'36.40060"

FOREST AREA STATISTICS

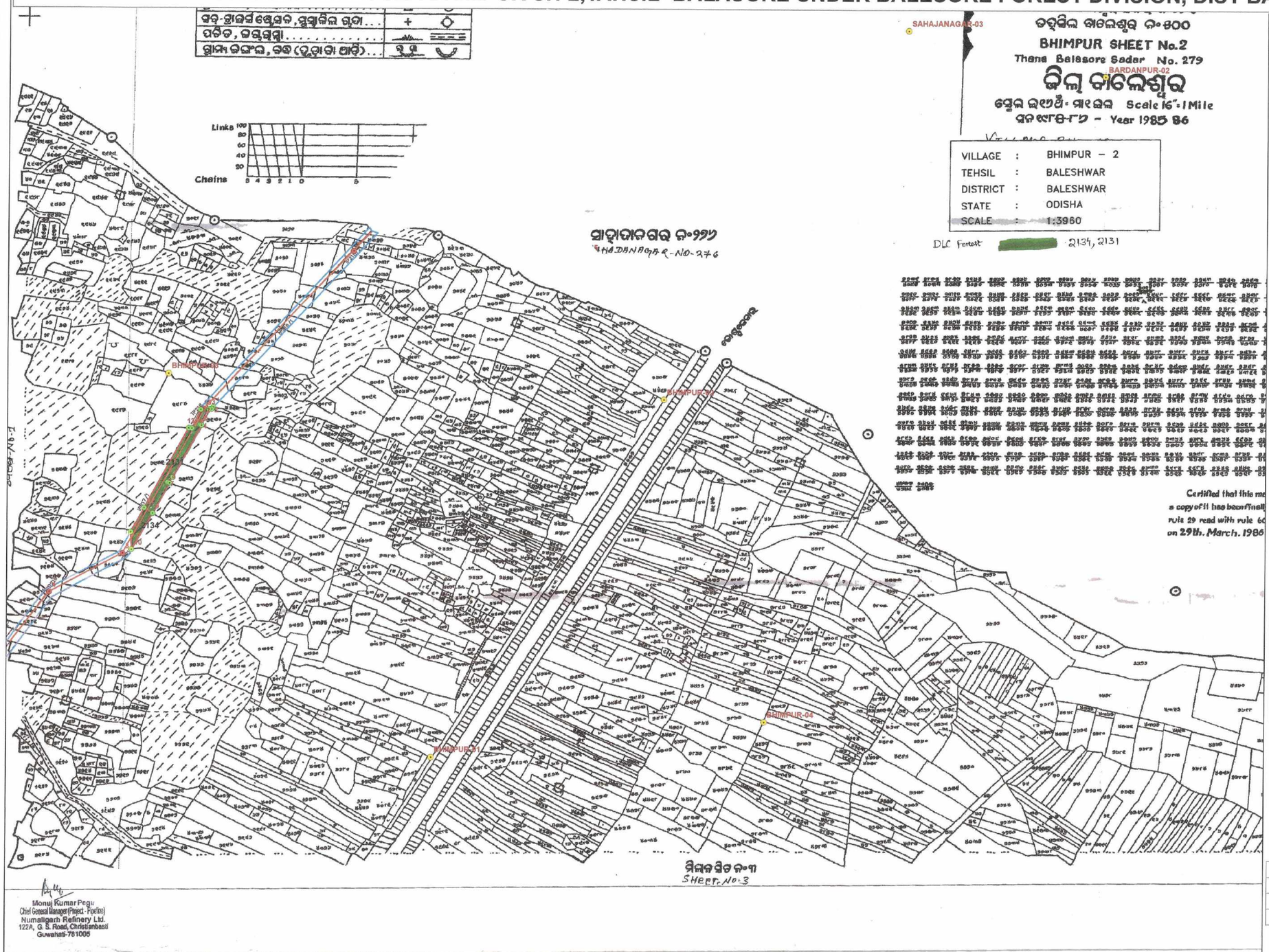
SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	KADALIHANDA	186	REVENUE FOREST	0.13	0.053

ORISSA SPACE APPLICATIONS CENTRE
Map No. 2590/13/2
Date 9.11.2021
Auth. Signatory
BHUBANESWAR

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

ORSAC
ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA BHIMPUR SH-2,TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



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Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	491702.849	2364389.016	21°22'53.94205"	86°55'11.85545"
2	491417.915	2364078.566	21°22'43.83929"	86°55'01.96589"
3	491267.807	2363788.014	21°22'34.38593"	86°54'56.75844"
4	491131.171	2363710.069	21°22'31.84824"	86°54'52.01498"

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	491436.487	2364082.048	21°22'43.95284"	86°55'02.61080"
2	491433.156	2364078.029	21°22'43.82206"	86°55'02.49519"
3	491428.042	2364078.109	21°22'43.82458"	86°55'02.31759"
4	491412.634	2364046.83	21°22'42.80693"	86°55'01.78307"
5	491414.588	2364045.706	21°22'42.77037"	86°55'01.85095"
6	491361.268	2363941.193	21°22'39.36998"	86°55'00.00122"
7	491351.744	2363930.566	21°22'39.02416"	86°54'59.67068"
8	491355.075	2363929.054	21°22'38.97503"	86°54'59.78638"
9	491323.982	2363868.193	21°22'36.99489"	86°54'58.70773"
10	491284.628	2363795.975	21°22'34.64519"	86°54'57.34242"
11	491282.911	2363830.802	21°22'35.77795"	86°54'57.28216"
12	491307.818	2363879.17	21°22'37.35166"	86°54'58.14622"
13	491390.626	2364039.979	21°22'42.58370"	86°55'01.01893"
14	491396.794	2364039.728	21°22'42.57565"	86°55'01.23313"
15	491413.242	2364077.326	21°22'43.79888"	86°55'01.80363"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
BHIMPUR-01	491847.413	2363381.143	21°22'21.16148"	86°55'16.89340"
BHIMPUR-02	492279.375	2364099.163	21°22'44.52327"	86°55'31.88186"
BHIMPUR-03	491352.804	2364149.918	21°22'46.15903"	86°54'59.70346"
BHIMPUR-04	492469.81	2363453.321	21°22'23.51893"	86°55'38.50557"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	BHIMPUR	2131	DLC FOREST	1.009	0.408
2	BHIMPUR	2134	DLC FOREST	0.315	0.127

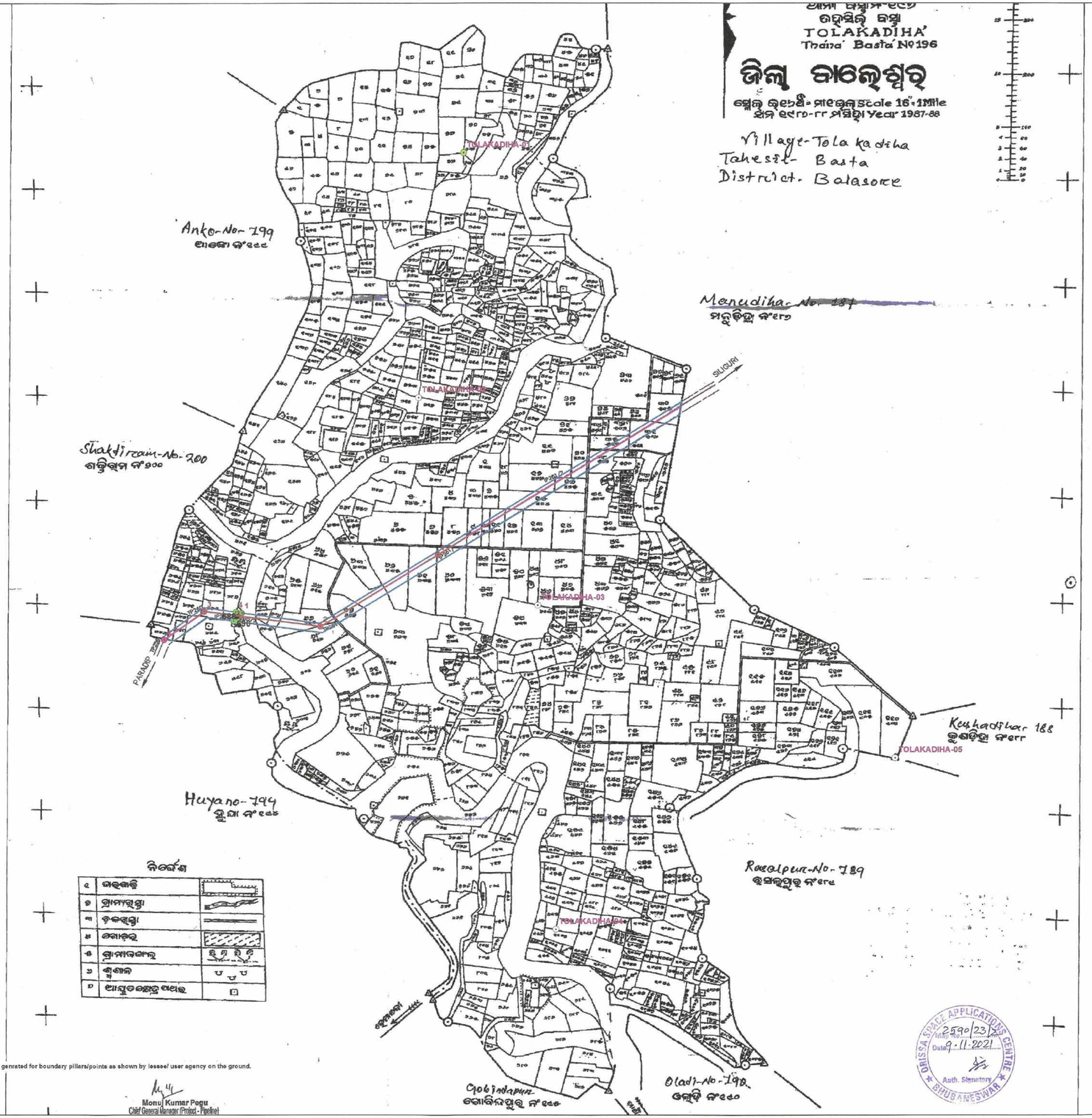
Monoj Kumar Pegu
Chief General Manager (Project - Pipeline)
Numaligarh Refinery Ltd.
122A, G. S. Road, Christianbasti
Guwahati-781006

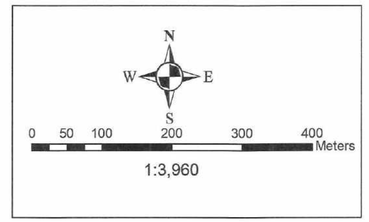
ORISSA SPACE APPLICATIONS CENTRE
Memo No. 2590/10
Date 3.11.2021
Auth. Signatory
BHUBANESWAR

ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA TALAKADIHA, TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.





Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
TOLAKADIHA-01	506140.984	2391336.097	21°37'30.46402"	87°03'33.62020"
TOLAKADIHA-02	506060.515	2390863.333	21°37'15.08795"	87°03'30.81482"
TOLAKADIHA-03	506276.147	2390461.791	21°37'02.02471"	87°03'38.31012"
TOLAKADIHA-04	506309.597	2389835.751	21°36'41.66176"	87°03'39.46511"
TOLAKADIHA-05	506922.01	2390167.271	21°36'52.43657"	87°04'00.77147"

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	506095.397	2390558.851	21°37'05.18395"	87°03'32.02416"
2	505884.056	2390420.455	21°37'00.68505"	87°03'24.67106"
3	505674.474	2390449.613	21°37'01.63588"	87°03'17.38134"
4	505601.845	2390395.072	21°36'59.86271"	87°03'14.85435"

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	505742.095	2390447.289	21°37'01.55950"	87°03'19.73344"
2	505735.518	2390430.462	21°37'01.01227"	87°03'19.50446"
3	505727.049	2390431.667	21°37'01.05158"	87°03'19.20989"
4	505731.067	2390448.918	21°37'01.61263"	87°03'19.34986"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO	KISAM	AREA_AC	AREA_HA
1	TALAKADIHA	688	REVENUE FOREST	0.041	0.017
2	TALAKADIHA	690	REVENUE FOREST	0.002	0.001

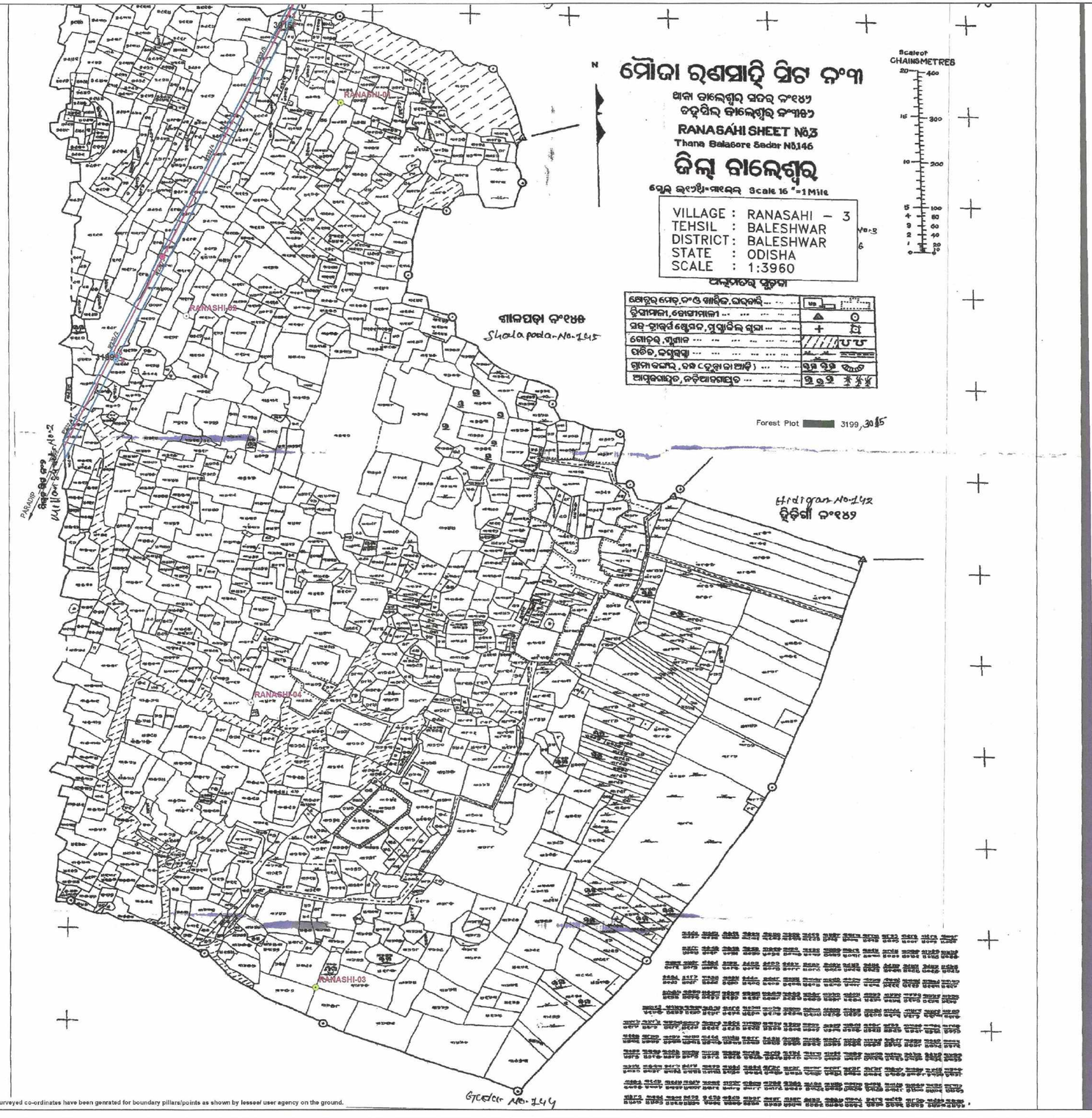
ODISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
4548 (part), Jayadev Vihar
Bhubaneswar

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

Monu Kumar Pegu
Chief General Manager (Project - Pipeline)

ODISHA SPACE APPLICATIONS CENTRE
Memo No. 2590/23/2021
Date 9.11.2021
Auth. Signatory
BHUBANESWAR

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA RANASAHI SH-3, TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

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Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	496396.795	2371284.817	21°26'38.29574"	86°57'54.81430"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
RANASHI-01	496765.343	2371624.817	21°26'49.35731"	86°58'07.61640"
RANASHI-02	496446.574	2371154.794	21°26'34.06689"	86°57'56.54476"
RANASHI-03	496714.702	2369672.167	21°25'45.84383"	86°58'05.87063"
RANASHI-04	496580.941	2370301.245	21°26'06.30472"	86°58'01.21926"

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	496662.356	2371806.347	21°26'55.26119"	86°58'04.03695"
2	496658.795	2371798.976	21°26'55.02139"	86°58'03.91327"
3	496657.164	2371800.334	21°26'55.06556"	86°58'03.85660"
4	496292.498	2371070.961	21°26'31.33894"	86°57'51.19242"
5	496305.147	2371066.974	21°26'31.20936"	86°57'51.63194"
6	496300.875	2371058.132	21°26'30.92173"	86°57'51.48359"
7	496290.401	2371067.538	21°26'31.22758"	86°57'51.11961"

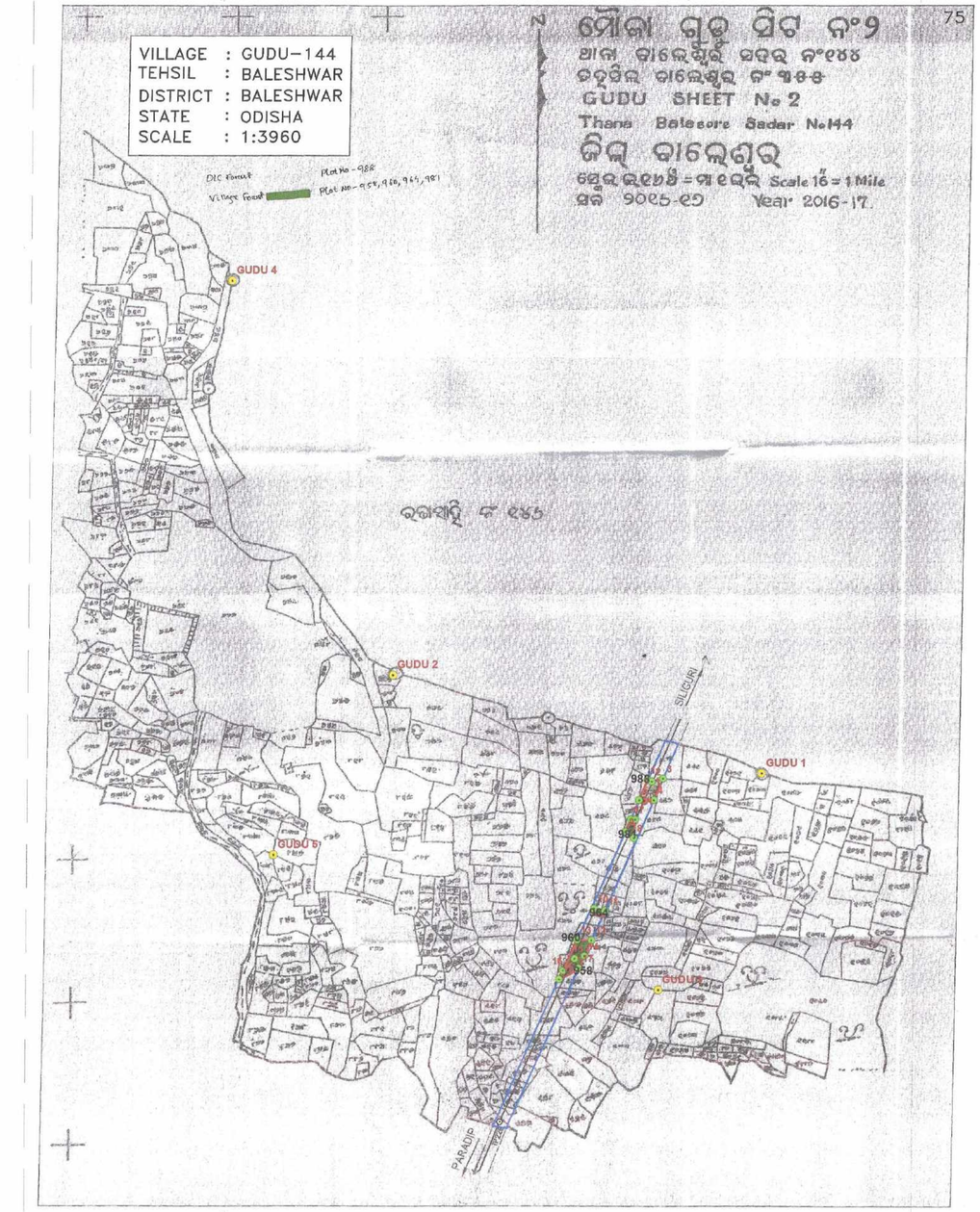
FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	RANASAHI	3199	REVENUE FOREST	0.023	0.009
2	RANASAHI	3015	REVENUE FOREST	0.002	0.001

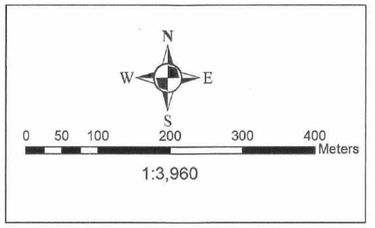
ODISSA SPACE APPLICATIONS CENTRE
Map Ref. 2590/2021
Date 9.11.2021
Auth. Signatory
BHUBANESWAR

ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA GUDU SH-2, TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



Manoj Kumar Pegu
Chief Senior Manager (Proj) - Pipeline
Numaligarh Refinery Ltd.
122A, G. S. Road, Christofanenti
Guwahati-781005



Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	495732.965	2369895.219	21°25'53.09153"	86°57'31.76366"
2	495738.775	2369893.012	21°25'53.01982"	86°57'31.96549"
3	495753.89	2369896.835	21°25'53.14428"	86°57'32.49057"
4	495741.534	2369866.079	21°25'52.14380"	86°57'32.06159"
5	495721.581	2369866.273	21°25'52.14993"	86°57'31.36844"
6	495710.801	2369838.862	21°25'51.25823"	86°57'30.99418"
7	495716.679	2369838.372	21°25'51.24236"	86°57'31.19840"
8	495714.576	2369811.774	21°25'50.37719"	86°57'31.12559"
9	495703.716	2369820.847	21°25'50.67223"	86°57'30.74822"
10	495661.535	2369710.396	21°25'47.07925"	86°57'29.28389"
11	495676.398	2369707.418	21°25'46.98252"	86°57'29.80023"
12	495658.483	2369664.855	21°25'45.59793"	86°57'29.17828"
13	495639.146	2369665.53	21°25'45.61971"	86°57'28.50653"
14	495649.077	2369642.593	21°25'44.87372"	86°57'28.85174"
15	495635.871	2369638.507	21°25'44.74072"	86°57'28.39302"
16	495620.44	2369621.58	21°25'44.19001"	86°57'27.85709"
17	495641.606	2369624.91	21°25'44.29852"	86°57'28.59237"
18	495615.119	2369609.08	21°25'43.78337"	86°57'27.67238"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
GUDU 1	495885.994	2369904.735	21°25'53.40236"	86°57'37.07976"
GUDU 2	495392.942	2370046.224	21°25'58.00020"	86°57'19.94978"
GUDU 3	495747.829	2369593.815	21°25'43.28799"	86°57'32.28277"
GUDU 4	495176.062	2370612.665	21°26'16.42258"	86°57'12.40951"
GUDU 5	495232.901	2369788.149	21°25'49.60439"	86°57'14.39255"

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	495728.407	2369864.904	21°25'52.10545"	86°57'31.60557"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	GUDU-SH-2	981	REVENUE FOREST	0.052	0.021
2	GUDU SH-2	988	DLC FOREST	0.142	0.057
3	GUDU SH-2	964	REVENUE FOREST	0.03	0.012
4	GUDU SH-2	960	REVENUE FOREST	0.142	0.058
5	GUDU SH-2	958	REVENUE FOREST	0.095	0.038

ODISHA SPACE APPLICATIONS CENTRE
Map No. 2590/7
Date 9.11.2021
Auth. Signatory
BHUBANESWAR

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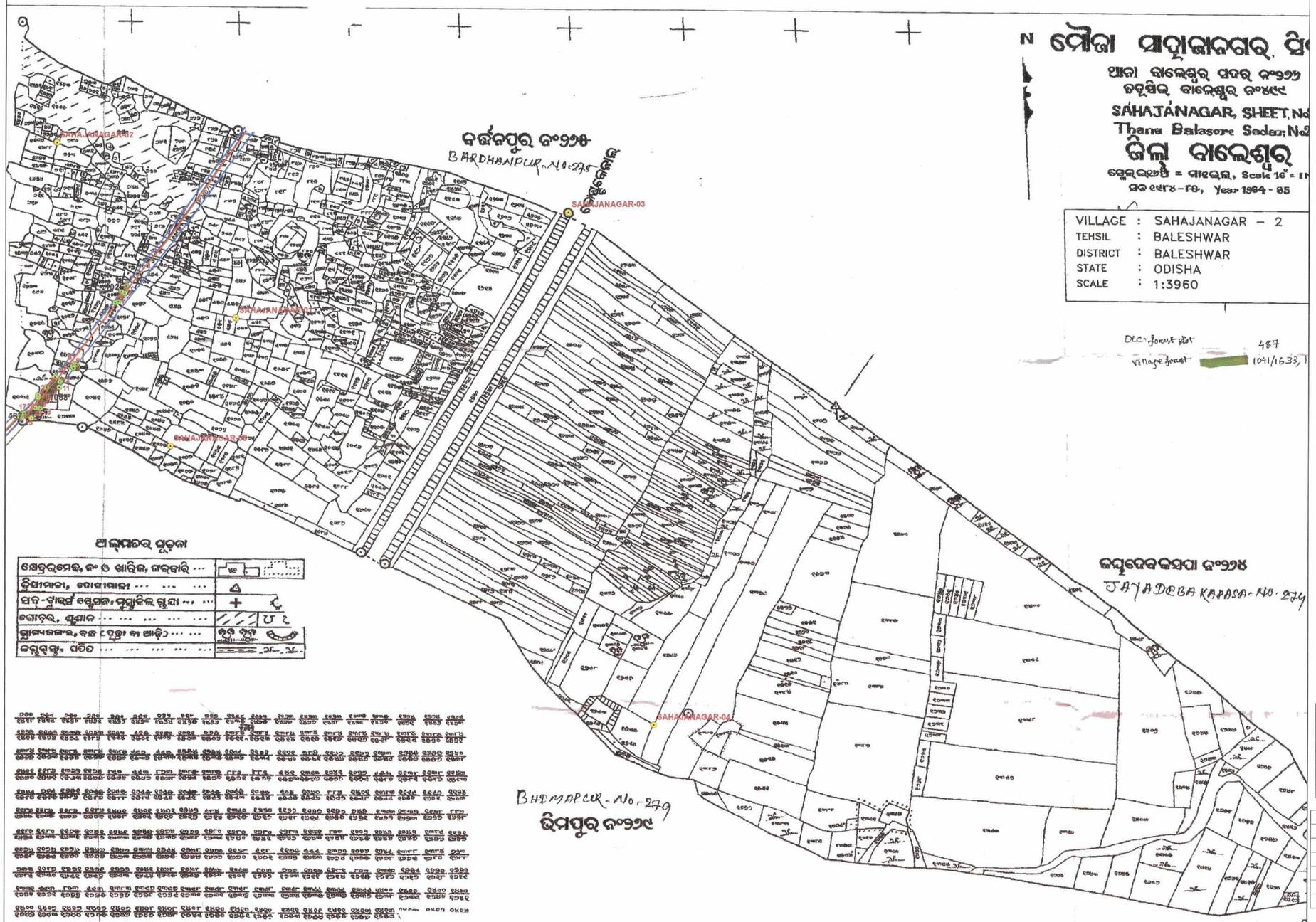
454/8 (part), Jayadev Vihar
Bhubaneswar

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA SAHAJANAGAR SH-2,TAHSIL- BALASORE UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



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Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	491935.081	2364699.914	21°23'04.05837"	86°55'19.91508"
2	491932.163	2364684.212	21°23'03.54757"	86°55'19.81399"
3	491920.513	2364668.416	21°23'03.03361"	86°55'19.40967"
4	491914.986	2364666.102	21°23'02.95822"	86°55'19.21779"
5	491926.156	2364687.732	21°23'03.66198"	86°55'19.60532"
6	491842.244	2364546.474	21°22'59.06594"	86°55'16.69361"
7	491845.531	2364546.028	21°22'59.05148"	86°55'16.80779"
8	491840.317	2364538.667	21°22'58.81198"	86°55'16.62684"
9	491839.774	2364540.366	21°22'58.86721"	86°55'16.60795"
10	491806.601	2364521.954	21°22'58.26781"	86°55'15.45621"
11	491815.575	2364513.101	21°22'57.97999"	86°55'15.76802"
12	491814.095	2364502.2	21°22'57.62540"	86°55'15.71684"
13	491780.113	2364461.574	21°22'56.30339"	86°55'14.53741"
14	491764.021	2364442.335	21°22'55.67735"	86°55'13.97889"
15	491747.108	2364444.478	21°22'55.74676"	86°55'13.39149"
16	491742.793	2364445.024	21°22'55.76447"	86°55'13.24162"
17	491747.366	2364450.457	21°22'55.94127"	86°55'13.40036"
18	491750.779	2364452.106	21°22'55.99494"	86°55'13.51883"
19	491771.545	2364462.138	21°22'56.32160"	86°55'14.23983"
20	491776.193	2364482.783	21°22'56.99318"	86°55'14.40088"
21	491776.085	2364486.935	21°22'57.12825"	86°55'14.39707"
22	491791.1	2364501.526	21°22'57.60308"	86°55'14.91827"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
SAHAJANAGAR-01	492133.726	2364636.437	21°23'01.99680"	86°55'26.81483"
SAHAJANAGAR-02	491809.584	2364976.498	21°23'13.05273"	86°55'15.55189"
SAHAJANAGAR-03	492733.851	2364840.169	21°23'08.63264"	86°55'47.65320"
SAHAJANAGAR-04	492890.042	2363846.467	21°22'36.31290"	86°55'53.09265"
SAHAJANAGAR-05	492015.805	2364388.459	21°22'53.92900"	86°55'22.72382"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	SAHAJANAGAR	1038	REVENUE FOREST	0.261	0.106
2	SAHAJANAGAR	1025	REVENUE FOREST	0.041	0.017
3	SAHAJANAGAR	1034	REVENUE FOREST	0.004	0.002
4	SAHAJANAGAR	1041/1633	REVENUE FOREST	0.08	0.032
5	SAHAJANAGAR	487	DLC FOREST	0.006	0.002

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Bhubaneswar

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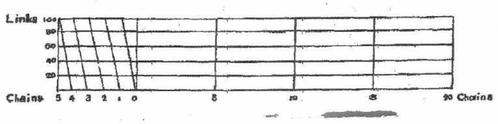
DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA SRIJANGA ,TAHSIL- REMUNA UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



ଫାଳପତର ସୂଚନା

ରେଞ୍ଜରଙ୍କ ଅଫିସ୍, ଜଂ ଓ ସାବିହ ଗରବାରି	
ବିଟ୍‌ମାଳା, ବୋଷାମାଳା	
ସଜ-ଗୁଜୁର୍ପଞ୍ଚୁଘାନ, ମୁଖ୍ୟାଳିକ ସୁଦ୍ଧା	
ଜୋତ୍‌ର୍, ଖୁଣାନ	
ଗ୍ରାମାଞ୍ଚଳର୍, ଫଡିତ	

Certified that this map has been finally framed and a copy of it has been finally published in accordance with rule 29 read with rule 30 of O.S.S.S. Rules 1962 on 21st January 1980.

Settlement officer

Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DERIVED CO-ORDINATES OF FOREST PATCH				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	487339.63	2360941.38	21°21'01.70999"	86°52'40.42215"
2	487359.149	2360940.323	21°21'01.67611"	86°52'41.09991"
3	487346.779	2360883.506	21°20'59.82771"	86°52'40.67193"
4	487331.392	2360903.084	21°21'00.46415"	86°52'40.13717"

DGPS SURVEYED GEO-REF CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
SRIJANGA-01	486753.209	2361887.118	21°21'32.45678"	86°52'20.03456"
SRIJANGA-02	486354.495	2361165.727	21°21'08.98149"	86°52'06.21108"
SRIJANGA-03	486850.182	2361633.052	21°21'24.19535"	86°52'23.40884"
SRIJANGA-04	486483.726	2361509.532	21°21'20.16787"	86°52'10.68824"
SRIJANGA-05	487071.277	2361071.731	21°21'05.94307"	86°52'31.10116"

FOREST AREA STATISTICS					
SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	SRIJANG	321	REVENUE FOREST	0.231	0.094

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2590/24/2
Dt. 9.11.2021
Auth. Signatory

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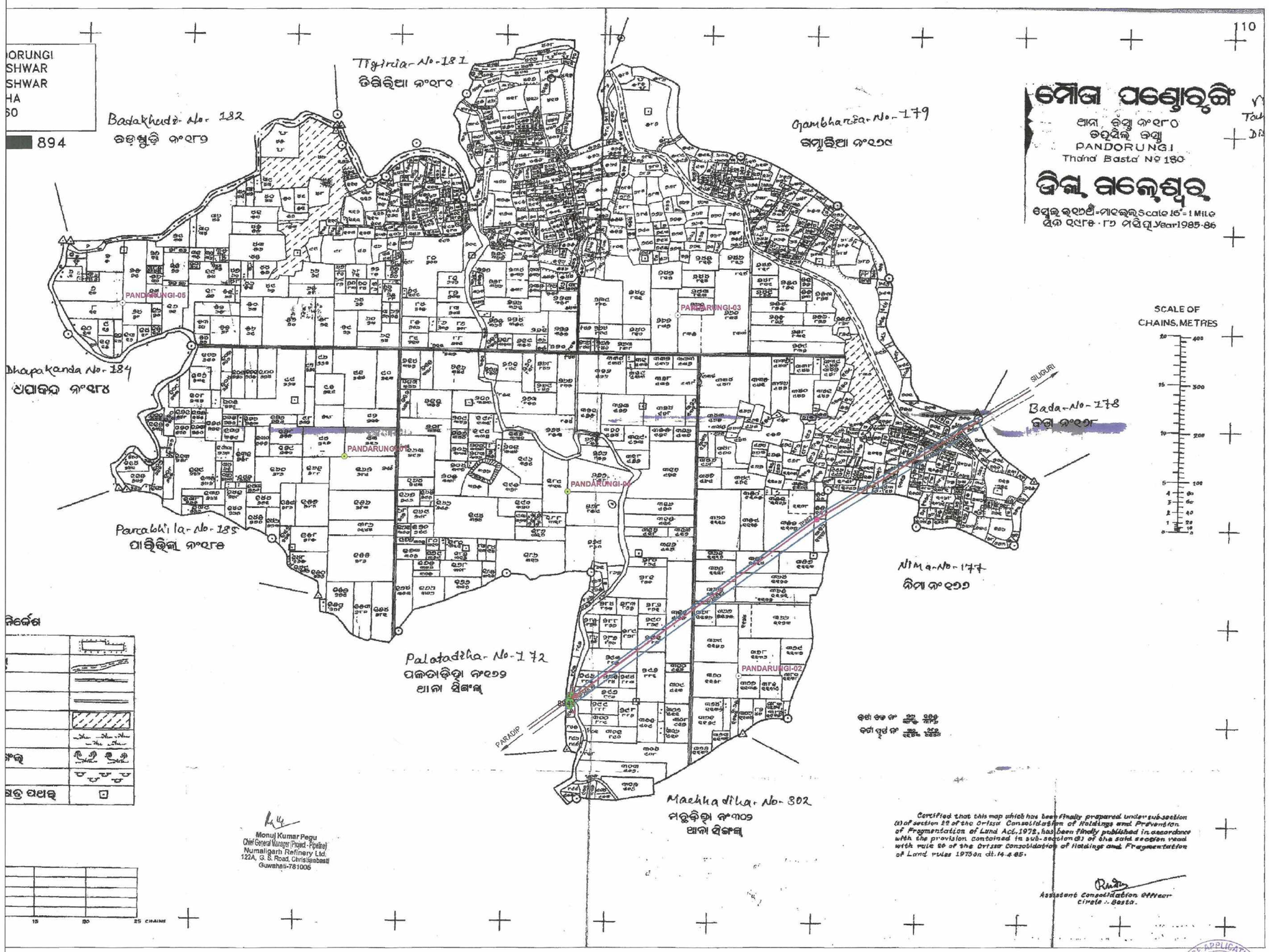
DGPS SURVEYED MAP SHOWING FOREST AREA PROPOSED FOR DIVERSION FOR LAYING PARADIP - NUMALIGARH CRUDE OIL PIPELINE PROJECT IN MOUZA PANDARUNGI , TAHSIL- BASTA UNDER BALESORE FOREST DIVISION, DIST-BALASORE.



Manoj Kumar Pegu
Chief General Manager (Project - Pipeline)
Numaligarh Refinery Ltd.
122A, G. S. Road, Christianbasti
Guwahati-781006

Certified that this map which has been finally prepared under sub-section (3) of section 22 of the Orissa Consolidation of Holdings and Prevention of Fragmentation of Land Act, 1972, has been finally published in accordance with the provision contained in sub-section (3) of the said section read with rule 20 of the Orissa Consolidation of Holdings and Fragmentation of Land rules 1975 on dt. 14.4.85.

Assistant Consolidation Officer
Circle :- Basta.

Disclaimer: Dgps surveyed co-ordinates have been genrated for boundary pillars/points as shown by lessee/ user agency on the ground.

N
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0 50 100 200 300 400 Meters

1:3,960

Legend

- DERIVED POINTS
- DGPS SURVEYED GEO-REFERENCE POINTS
- DGPS SURVEYED CENTER LINE POINTS
- CENTER LINE
- FOREST PATCH
- CORRIDOR

DGPS SURVEYED CENTER POINT CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	508323.325	2392246.439	21°38'00.04178"	87°04'49.55143"
2	507857.004	2391881.602	21°37'48.18278"	87°04'33.32289"

DGPS SURVEYED GEO-REF CO-ORDINATES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
PANDARUNGI-01	507408.809	2392378.108	21°38'04.33899"	87°04'17.73944"
PANDARUNGI-02	508172.614	2391923.126	21°37'49.52827"	87°04'44.30279"
PANDARUNGI-03	508053.756	2392670.333	21°38'13.83375"	87°04'40.18109"
PANDARUNGI-04	507840.946	2392304.945	21°38'01.95263"	87°04'32.77145"
PANDARUNGI-05	506978.582	2392696.526	21°38'14.70207"	87°04'02.77739"

DERIVED CO-ORDINATES OF FOREST PATCH

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	507848.497	2391884.34	21°37'48.27195"	87°04'33.02699"
2	507848.517	2391869.953	21°37'47.80400"	87°04'33.02747"
3	507851.358	2391864.149	21°37'47.61517"	87°04'33.12618"
4	507844.995	2391859.191	21°37'47.45404"	87°04'32.90477"
5	507842.512	2391864.788	21°37'47.63611"	87°04'32.81846"
6	507842.41	2391870.476	21°37'47.82114"	87°04'32.81504"
7	507844.181	2391880.981	21°37'48.16278"	87°04'32.87682"

FOREST AREA STATISTICS

SL.NO.	VILLAGE	PLOT_NO_	KISAM	AREA_AC	AREA_HA
1	PANDARUNGI	894	VENUE FORE	0.032	0.013

ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
46/48 (part), Jayadev Vihar
Bhubaneswar

ORISSA SPACE APPLICATIONS CENTRE
Map No. 2590/19/2
Date 9.11.2021
Auth. Signatory
BHUBANESWAR