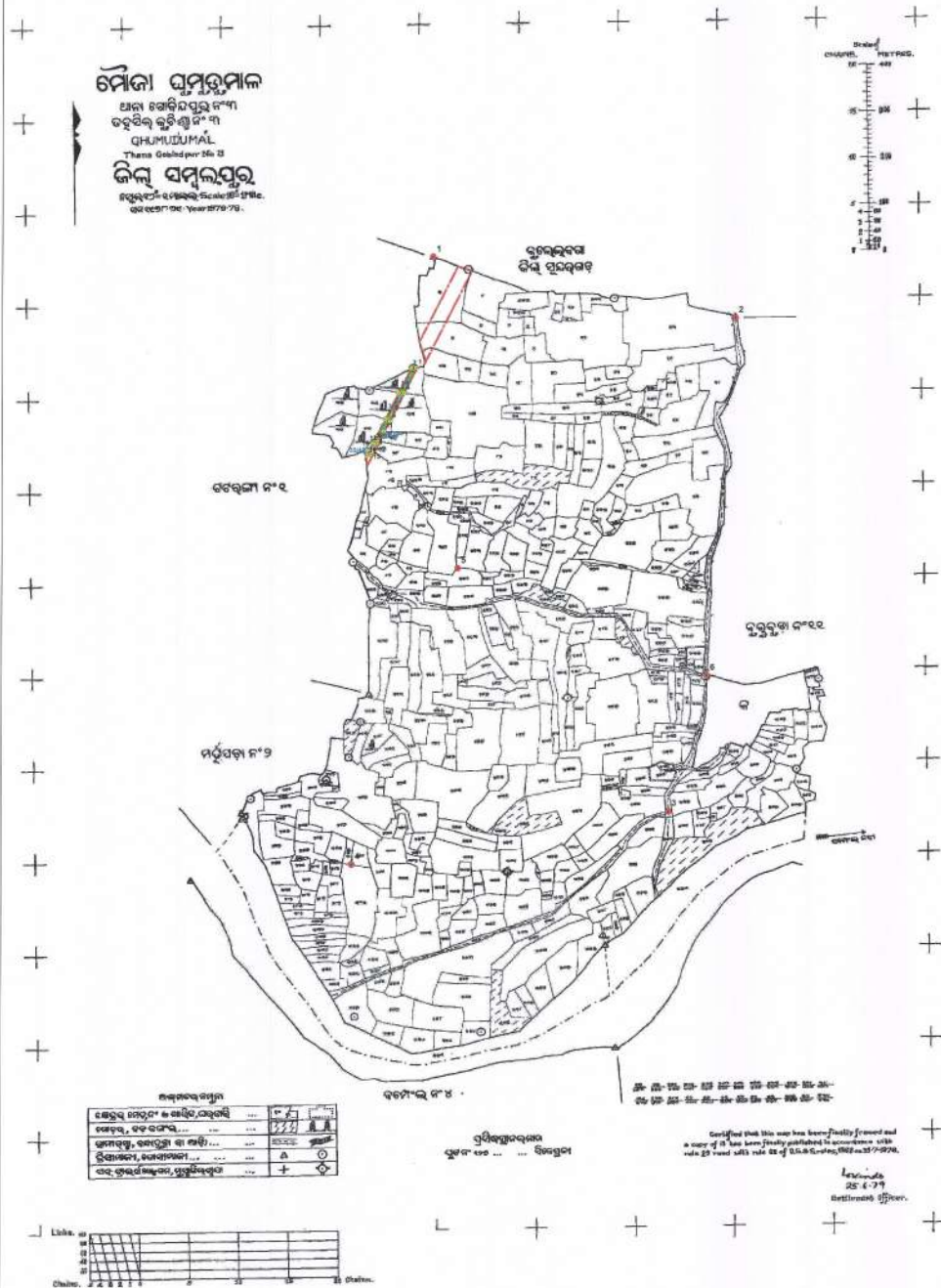


**GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION FOR NATURAL GAS PIPELINE
OF GAIL (INDIA) LTD IN MOUZA GHUMUDUMAL, BAMARA TAHASIL, SAMBALPUR DIST.**





0 75 150 300 450 600
Meters
1:3,960

Legend

- DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
- DERIVED CO-ORDINATES
- FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	220555.017	2448509.314	84°17'28.33631"	22°07'09.11786"
2	221159.348	2448369.74	84°17'49.49391"	22°07'04.93284"
3	221008.704	2447299.887	84°17'44.90473"	22°06'30.08885"
4	220371.671	2447193.087	84°17'22.76149"	22°06'26.25091"
5	220594.407	2447833.92	84°17'30.12912"	22°06'47.19882"
6	221089.828	2447594.412	84°17'47.55054"	22°06'39.70414"

DERIVED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	220517.499	2448269.065	84°17'27.17742"	22°07'01.29109"
2	220506.405	2448266.956	84°17'26.79194"	22°07'01.21614"
3	220481.224	2448215.329	84°17'25.94605"	22°06'59.52434"
4	220492.265	2448214.473	84°17'26.33152"	22°06'59.50293"
5	220469.091	2448169.337	84°17'25.55158"	22°06'58.02314"
6	220463.115	2448153.834	84°17'25.35285"	22°06'57.51603"
7	220454.426	2448158.697	84°17'25.04690"	22°06'57.66900"
8	220435.995	2448120.989	84°17'24.42771"	22°06'56.43328"
9	220431.352	2448111.714	84°17'24.27158"	22°06'56.12929"
10	220438.84	2448110.391	84°17'24.53349"	22°06'56.09065"
11	220450.738	2448132.117	84°17'24.93482"	22°06'56.80333"
12	220434.839	2448105.181	84°17'24.39722"	22°06'55.91905"
13	220429.019	2448105.058	84°17'24.19438"	22°06'55.91171"
14	220423.292	2448093.888	84°17'24.00164"	22°06'55.54551"
15	220423.739	2448082.553	84°17'24.02425"	22°06'55.17749"
16	220415.585	2448080.222	84°17'23.74141"	22°06'55.09706"

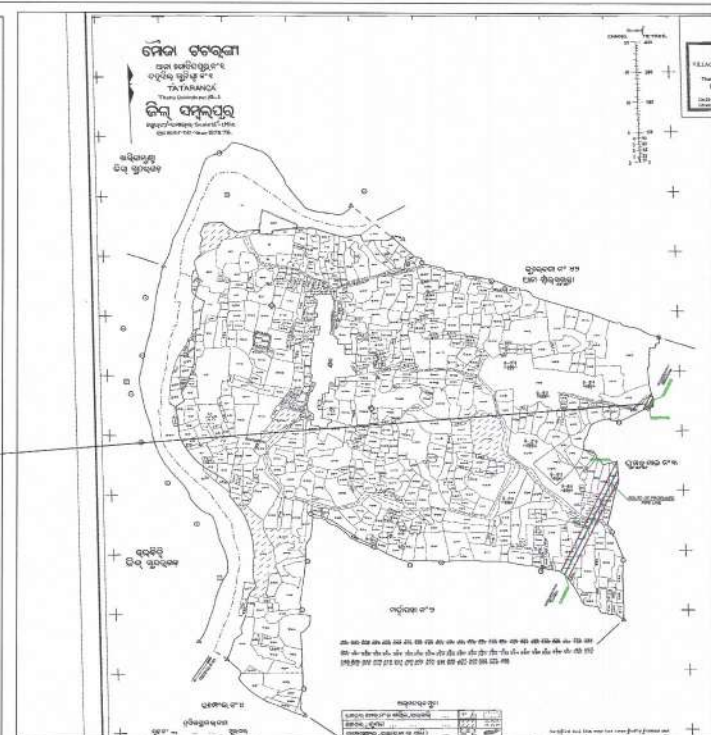
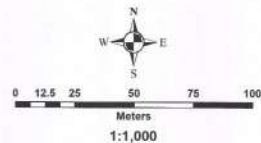
FOREST AREA STATISTICS

SL_NO.	MOUZA	PLOT_NO	KISSAM	MAP AREA HA.
1	GHUMUDUMAL	32	JUNGLE	0.0572
2		33	JUNGLE	0.0259
3		34	JUNGLE	0.0355
4		37	JUNGLE	0.0300
5		39/467	GRAMYA JUNGLE	0.0139
6		39/467	GRAMYA JUNGLE	0.0108



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

DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-TATRANGA, BAMARA TAHASIL, SAMBALPUR DIST.



DGPS SURVEYED CO-ORDINATES

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	220524.832	2448302.199	84°17'27.41253"	22°07'02.37177"
2	220506.405	2448266.956	84°17'26.79194"	22°07'01.21614"
3	220517.499	2448269.065	84°17'27.17742"	22°07'01.29109"
4	220526.511	2448286.085	84°17'27.48106"	22°07'01.84924"
5	220526.745	2448299.265	84°17'27.48106"	22°07'02.27754"

Forest area statistics				
Sl. No.	Mouza	Plot No.	Kissam	Map area_Ha.
1	TATRANGA	639	SABIK JUNGLE	0.0276

Legend

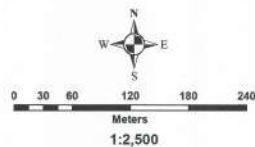
- DGPS SURVEYED POINT
- FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



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

DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-MARHAPADA, BAMARA TAHASIL, SAMBALPUR DIST.



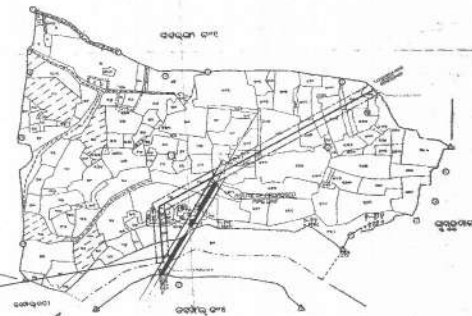
Forest area statistics					
Sl. No.	Mouza	Plot No.	Kissam	Map area, Ac.	Map area, Ha.
1	MAHARPADA	84	SABIK JUNGLE	0.0083	0.0034
2		83	SABIK JUNGLE	0.0772	0.0312
3		85	LAIKA CHOTA JUNGLE	0.0912	0.0369
4		81	LAIKA CHOTA JUNGLE	0.0872	0.0353
5		70	BADA JUNGLE	0.2182	0.0883

Legend

-  DGPS SURVEYED POINT
-  FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.

ମୌଜା ମାରହପଡ଼ା
ବମରା ଡାହାଣ
ସମ୍ବଲପୁର ଜିଲ୍ଲା
ମୁଖ୍ୟ ମନ୍ତ୍ରୀଙ୍କ
ଓଡ଼ିଶା ସରକାରଙ୍କ
ମୁଖ୍ୟ ମନ୍ତ୍ରୀଙ୍କ
ଓଡ଼ିଶା ସରକାରଙ୍କ



ମାପାପାଟ୍ଟିର ମାପ			
ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ
ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ
ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ	ମାପାପାଟ୍ଟିର ମାପ

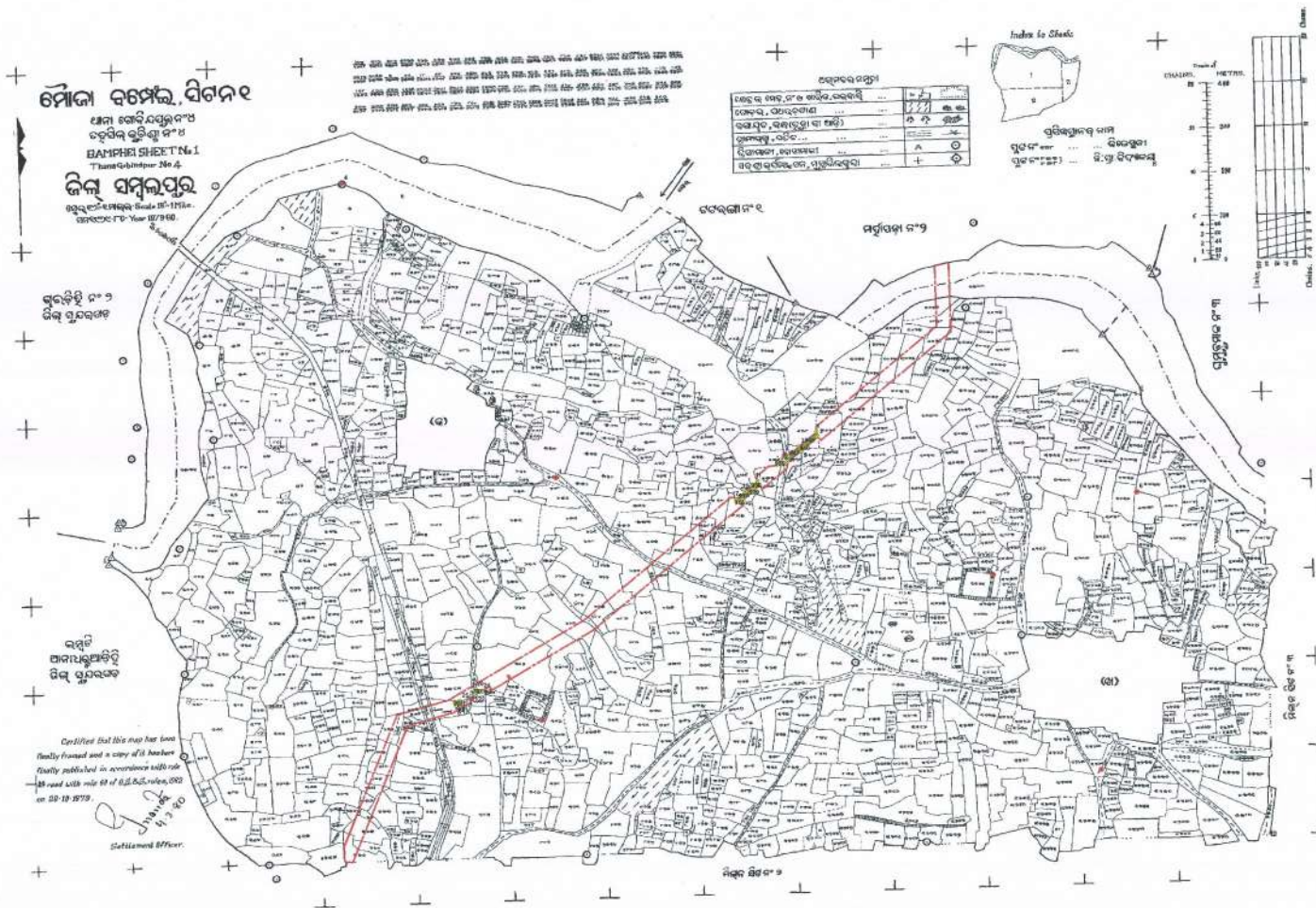
DGPS SURVEYED CO-ORDINATES				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	219857.692	2447483.221	84°17'04.66173"	22°06'35.37882"
2	219863.766	2447477.637	84°17'04.87697"	22°06'35.20091"
3	219845.219	2447443.427	84°17'04.25164"	22°06'34.07876"
4	219835.706	2447447.288	84°17'03.91757"	22°06'34.19868"
5	219816.186	2447413.622	84°17'03.25798"	22°06'33.09366"
6	219820.847	2447411.422	84°17'03.42183"	22°06'33.02487"
7	219821.985	2447417.413	84°17'03.45781"	22°06'33.22018"
8	219827.983	2447414.775	84°17'03.66853"	22°06'33.13794"
9	219826.127	2447409.904	84°17'03.60686"	22°06'32.97861"
10	219803.576	2447368.857	84°17'02.84619"	22°06'31.63203"
11	219795.611	2447376.909	84°17'02.56351"	22°06'31.88901"
12	219802.764	2447389.438	84°17'02.80508"	22°06'32.30018"
13	219811.178	2447390.078	84°17'03.09803"	22°06'32.32588"
14	219776.45	2447343.312	84°17'01.91639"	22°06'30.78643"
15	219726.092	2447253.757	84°17'00.21646"	22°06'27.84781"
16	219734.684	2447253.34	84°17'00.51627"	22°06'27.83924"
17	219793.022	2447355.659	84°17'02.48646"	22°06'31.19714"



ODISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
65/66 (part), Jayadev Vihar
Bhubaneswar



GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA BAMPHEI SHEET-1, BAMARA TAHASIL ,SAMBALPUR DIST.



1:3,960

Legend

-  DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
 DERIVED CO-ORDINATES
 FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	218894.36	2446847.477	84°16'31.47301"	22°06'14.16573"
2	219810.779	2446616.289	84°17'03.56567"	22°06'07.18730"
3	218856.691	2446303.643	84°16'30.49928"	22°05'56.47623"
4	218452.112	2447513.27	84°16'15.63877"	22°06'35.53783"
5	220032.59	2446175.938	84°17'11.57225"	22°05'53.01001"
6	220116.341	2446797.176	84°17'14.10585"	22°06'13.24091"

DERIVED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	219443.3373	2448942.051	84°16'50.5285"	22°06'12.5572"
2	219445.6336	2446930.303	84°16'50.64023"	22°06'17.1768"
3	219406.0439	2449009.336	84°16'49.27308"	22°06'16.47276"
4	219418.5399	2449007.373	84°16'49.70995"	22°06'16.41527"
5	219411.3244	2448899.591	84°16'49.46325"	22°06'16.1549
6	219381.5373	2448888.568	84°16'48.44560"	22°06'15.7804
7	219381.4107	2448875.604	84°16'48.43532"	22°06'15.36259
8	219368.4967	2448876.569	84°16'47.98451"	22°06'15.38543
9	219367.4093	2448869.784	84°16'47.95367"	22°06'15.16549
10	219359.0734	2448688.985	84°16'47.66071"	22°06'15.13433
11	219371.6592	2448833.554	84°16'46.23899"	22°06'13.93947
12	219322.0469	2448823.351	84°16'46.39831"	22°06'13.65044
13	219306.7111	2448823.15	84°16'45.86379"	22°06'13.61512
14	219310.6793	2448814.22	84°16'46.00770"	22°06'13.73270
15	219291.5827	2448809.815	84°16'45.34469"	22°06'13.73114
16	219303.9201	2448807.221	84°16'45.77642"	22°06'13.09601
17	219272.5488	2446792.436	84°16'44.69196"	22°06'12.59477
18	219284.7643	2446791.269	84°16'45.11855"	22°06'12.56663
19	219278.6398	2446786.79	84°16'44.30782"	22°06'12.44760
20	219218.4592	2446374.804	84°16'25.63590"	22°05'48.70760
21	219218.4299	2446365.572	84°16'25.64064"	22°05'48.70760
22	219218.4224	2446363.192	84°16'25.64187"	22°05'48.33034
23	218732.6694	2446370.594	84°16'26.11300"	22°05'48.59708
24	218730.1336	2446371.193	84°16'26.04514"	22°05'48.59708
25	218684.2116	2446349.05	84°16'24.45807"	22°05'47.85109
26	218685.2343	2446344.417	84°16'24.49651"	22°05'47.80100
27	218674.9624	2446347.106	84°16'24.13684"	22°05'47.58247
28	218675.9331	2446339.574	84°16'24.17539"	22°05'47.58247

FOREST AREA STATISTICS

SLNO	MOUZA	PLOT_NO	KISSAM	MAP AREA_1
1	BAMPHE	948	GRAMYA JUNGLE	0.0426
2		947	GRAMYA JUNGLE	0.0377
3		946	GRAMYA JUNGLE	0.0032
4		936	GRAMYA JUNGLE	0.0148
5		929	GRAMYA JUNGLE	0.0143
6		917	GRAMYA JUNGLE	0.0241
7		916	GRAMYA JUNGLE	0.0031
8		702	GRAMYA JUNGLE	0.0062
9		307	JUNGLE	0.0090
10		703	GRAMYA JUNGLE	0.0095





DGPS SURVEYED GEO-REFERENCED CO-ORDINATES				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
GURLA-01	218088.534	2443726.29	84°16'05.33252"	22°04'32.29845"
GURLA-02	218445.404	2443161.455	84°16'18.12393"	22°04'14.15639"
GURLA-03	218364.839	2444082.754	84°16'18.14062"	22°04'44.03908"
GURLA-04	217923.86	2443422.438	84°15'59.78278"	22°04'22.33127"
GURLA-05	218412.785	2443430.02	84°16'18.91397"	22°04'22.86229"
GURLA-06	218282.562	2444543.827	84°16'11.58467"	22°04'58.79087"

DERIVED CO-ORDINATES OF POINTS				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	217985.484	2444177.303	84°16'01.45865"	22°04'46.89045"
2	217984.685	2444146.467	84°16'01.45008"	22°04'45.88822"
3	217984.761	2444131.489	84°16'01.46207"	22°04'45.40167"
4	217996.703	2444131.433	84°16'01.87838"	22°04'45.40681"
5	217998.448	2444146.484	84°16'01.92978"	22°04'45.89679"
6	217997.962	2444174.179	84°16'01.89551"	22°04'46.79622"
7	217979.264	2444014.132	84°16'01.34387"	22°04'41.58588"
8	217975.395	2443940.952	84°16'01.25478"	22°04'39.20623"
9	217986.356	2443927.255	84°16'01.64540"	22°04'38.76765"
10	218037.833	2443866.127	84°16'03.47789"	22°04'36.81180"
11	218044.909	2443876.969	84°16'03.71774"	22°04'37.16815"
12	217994.317	2443937.444	84°16'01.91652"	22°04'39.10332"
13	217988.39	2443944.726	84°16'01.70536"	22°04'39.33644"
14	217990.163	2443985.38	84°16'01.74176"	22°04'40.65818"
15	217985.953	2443990.399	84°16'01.59186"	22°04'40.81879"
16	217991.487	2444007.769	84°16'01.77389"	22°04'41.38629"
17	218065.528	2443831.515	84°16'04.46484"	22°04'35.70350"
18	218075.552	2443819.685	84°16'04.82165"	22°04'35.32501"
19	218147.505	2443733.104	84°16'07.38373"	22°04'32.55419"
20	218165.795	2443716.956	84°16'08.03132"	22°04'32.04022"
21	218173.843	2443721.716	84°16'08.30886"	22°04'32.19955"
22	218090.521	2443822.15	84°16'05.34186"	22°04'35.41382"
23	218072.039	2443843.998	84°16'04.68399"	22°04'36.11281"
24	218178.124	2443697.276	84°16'08.47333"	22°04'31.40805"
25	218188.213	2443684.28	84°16'08.83311"	22°04'30.99174"
26	218191.980	2443697.027	84°16'08.95646"	22°04'31.40805"
27	218185.990	2443700.14	84°16'08.74573"	22°04'31.50570"

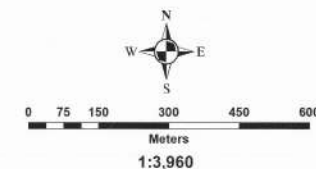
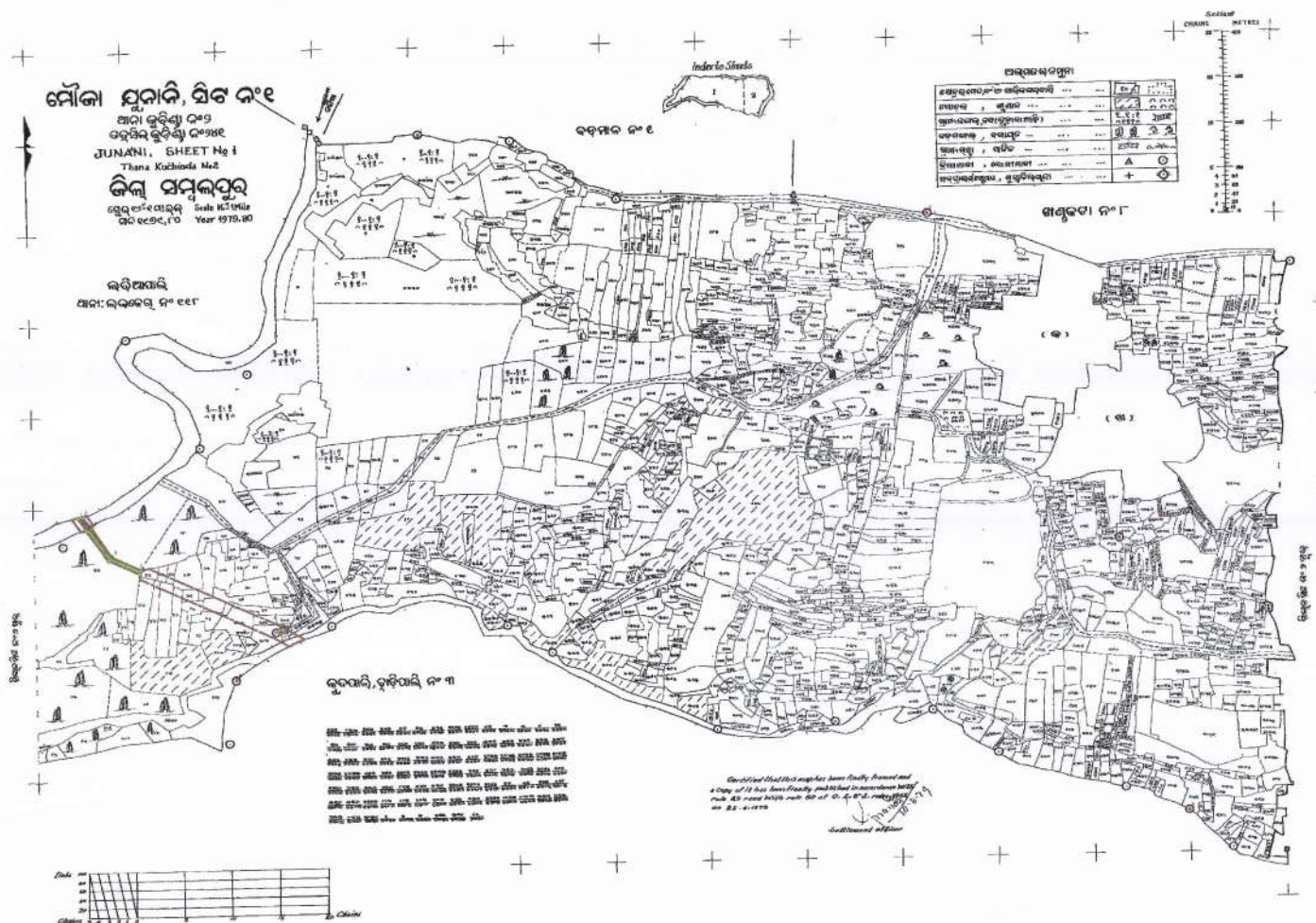
FOREST AREA STATISTICS					
Sl. NO.	MOUZA	PLOT_NO	KISSAM	MAP AREA_A.C.	MAP AREA_H.
1	GURLA SH-1	41/1929	PATRA JUNGLE	0.0949	0.0384
2		41	PATRA JUNGLE	0.0477	0.0193
3		86	PATRA JUNGLE	0.2408	0.0975
4		85	PATRA JUNGLE	0.2456	0.0994
5		107	PATRA JUNGLE	0.4895	0.1981
6		135	PATRA JUNGLE	0.0271	0.0110



ODISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
4544 (part), Jayadev Vihar
Bhubaneswar



**GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION
FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA JUNANI SHEET-1, KUCHINDA TAHASIL ,SAMBALPUR DIST.**



Legend

- DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
- DERIVED CO-ORDINATES
- FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	220808.552	2413168.525	84°17'58.90959"	21°48'01.10497"
2	221875.817	2412977.962	84°18'36.15482"	21°47'55.51990"
3	222266.748	2412245.508	84°18'50.19887"	21°47'31.94439"
4	222357.404	2412297.32	84°18'53.32120"	21°47'33.67902"
5	222405.202	2411634.748	84°18'55.38519"	21°47'12.17950"
6	220408.843	2411957.007	84°17'45.74313"	21°47'21.51650"

DERIVED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	220080.64	2412323.852	84°17'34.10209"	21°47'33.24780"
2	220091.035	2412326.833	84°17'34.46187"	21°47'33.35060"
3	220099.583	2412295.758	84°17'34.77824"	21°47'32.34586"
4	220110.41	2412302.291	84°17'35.15086"	21°47'32.56430"
5	220151.366	2412236.711	84°17'36.61566"	21°47'30.45705"
6	220144.184	2412227.346	84°17'36.37152"	21°47'30.14867"
7	220212.873	2412205.575	84°17'38.77430"	21°47'29.48052"
8	220209.766	2412196.928	84°17'38.67151"	21°47'29.19784"
9	220502.231	2412067.729	84°17'48.92425"	21°47'25.16693"
10	220503.665	2412058.212	84°17'48.97993"	21°47'24.85855"
11	220509.923	2412064.035	84°17'49.19408"	21°47'25.05128"

FOREST AREA STATISTICS

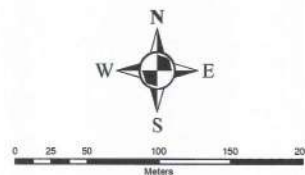
S.No	MOUZA	PLOT NO	HAL KISAM	SABIK KISAM	MAP AREA AC	MAP AREA HA
1	JUNANI	71	JUNGLE		0.4136	0.1674
2		70	NALIA	LAYAK PATITA JUNGLE	0.0915	0.0370
3		108	GOCHARA	LAYAK PATITA GODA JUNGLE	0.0084	0.0034



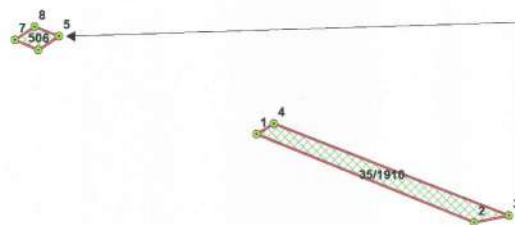
ODISHA SPACE APPLICATIONS CENTRE
(Depn. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar



**DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE
OF GAIL (INDIA) LTD IN MOUZA KUDAPALI SHEET-1, KUCHINDA TAHASIL, SAMBALPUR DIST.**



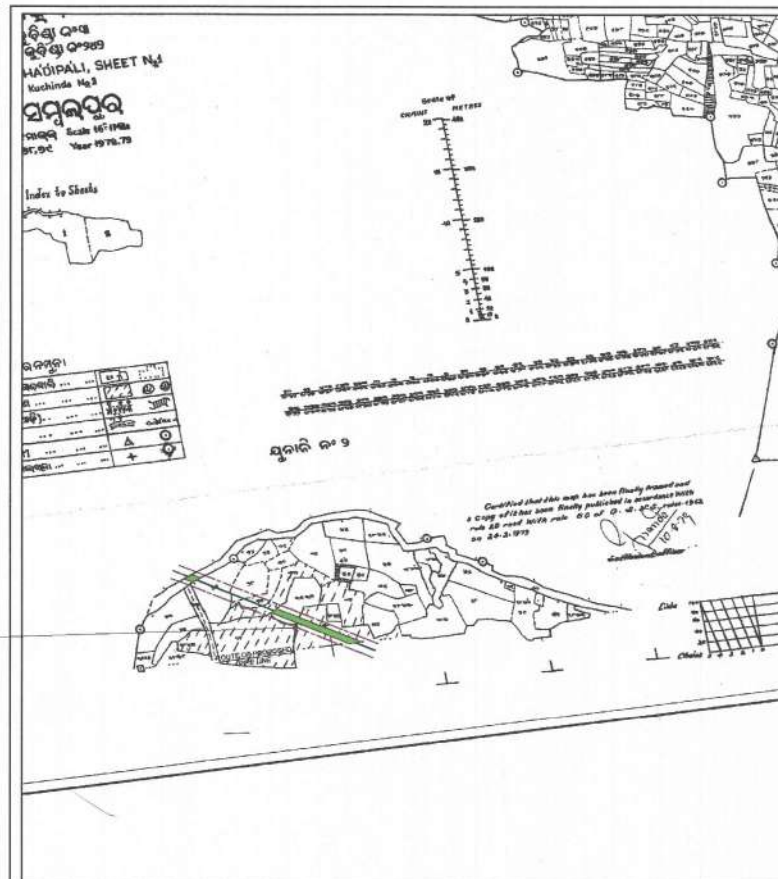
1:2,500



FOREST AREA STATISTICS					
S.NO.	MOUZA	PLOT NO	HAL KISSAM	SABIK KISSAM	MAP AREA AC.
1	KULAPALI	35/1915	GOCHARA	LAIK JANGLE	0.4772
2	KULAPALI	30	NALIA	LAIK JANGLE	0.0578

Legend
 DGPS SURVEYED_POINT
 FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



DGPS SURVEY ED CO-ORDINATES

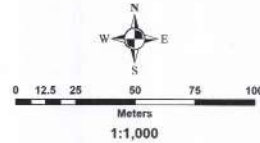
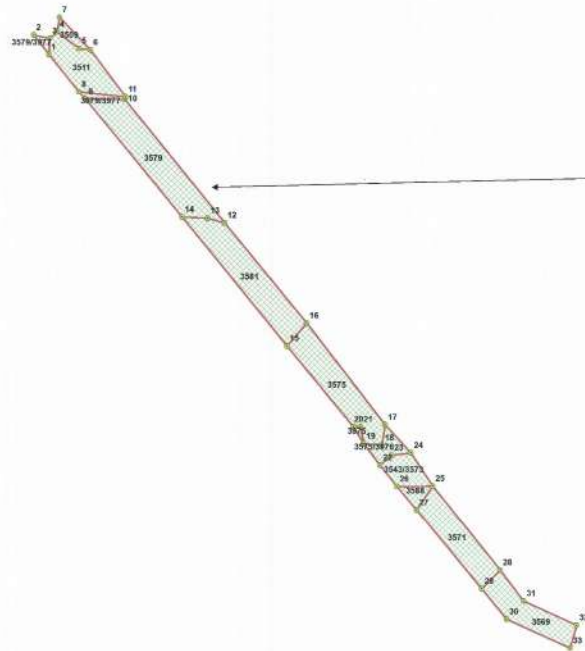
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	220644.292	2411979.223	84°17'53.92003"	21°47'22.37233"
2	220784.275	2411915.471	84°17'58.82839"	21°47'20.38072"
3	220806.883	2411919.821	84°17'59.61218"	21°47'20.53491"
4	220655.864	2411986.139	84°17'54.31836"	21°47'22.60361"
5	220517.741	2412049.626	84°17'49.47484"	21°47'24.58762"
6	220504.183	2412040.372	84°17'49.00884"	21°47'24.27924"
7	220489.342	2412047.804	84°17'48.48803"	21°47'24.51224"
8	220502.168	2412056.728	84°17'48.92875"	21°47'24.80948"



ODISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
4540 (East), Jagdevi Vihar
Bhubaneswar



DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-SATKAMA SHEET-4, KUCHINDATAHASIL, SAMBALPUR DIST.



		Forest area statistics			
Sl. No.	Mouza	Plot No.	Has Khasam	Sabik Khasam	Map area, Ac.
1	SATKAMA Sh-4	3579/3577	GODA-1	SABIK JUNGLE	0.014
2		3531		SABIK JUNGLE	0.0927
3		3579/3576		SABIK JUNGLE	0.0285
4		3588		SABIK JUNGLE	0.0379
5		3569		SABIK JUNGLE	0.1030
6		3543/3573		SABIK JUNGLE	0.0451
7		3571		SABIK JUNGLE	0.1147
8		3539	PATITA	patra jungle	0.0139
9		3579	GODA-1	patra jungle	0.1869
10		3581	BINA SACHARANA	patra jungle	0.1786
11		3575	GODA-1	patra jungle	0.1479
12		3575	GODA-1	patra jungle	0.0026

Legend

- DGPS SURVEYED POINT
- FOREST PATCH

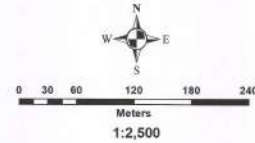
Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.

DGPS SURVEYED CO-ORDINATES				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	222620.875	2406761.802	84°19'05.83179"	21°44'33.98153"
2	222615.108	2406770.128	84°19'05.62620"	21°44'34.24879"
3	222621.29	2406768.65	84°19'05.84207"	21°44'34.20425"
4	222624.195	2406771.447	84°19'05.94143"	21°44'34.29676"
5	222632.644	2406764.34	84°19'06.23953"	21°44'34.07062"
6	222637.164	2406763.629	84°19'06.39715"	21°44'34.05006"
7	222625.347	2406777.434	84°19'05.97787"	21°44'34.49190"
8	222632.328	2406746.101	84°19'06.23953"	21°44'33.47784"
9	222634.872	2406742.94	84°19'06.32993"	21°44'33.37660"
10	222650.311	2406742.593	84°19'06.86703"	21°44'33.37403"
11	222650.515	2406743.781	84°19'06.87342"	21°44'33.41274"
12	222688.125	2406690.287	84°19'08.21361"	21°44'31.69594"
13	222681.511	2406692.38	84°19'07.98233"	21°44'31.76019"
14	222671.618	2406692.947	84°19'07.63797"	21°44'31.77304"
15	222711.534	2406638.231	84°19'09.05908"	21°44'30.01785"
16	222719.385	2406647.745	84°19'09.32634"	21°44'30.33137"
17	222749.288	2406604.751	84°19'10.39219"	21°44'28.95137"
18	222747.906	2406596.075	84°19'10.34936"	21°44'28.66869"
19	222740.776	2406596.858	84°19'10.10094"	21°44'28.69010"
20	222736.88	2406604.097	84°19'09.96109"	21°44'28.92311"
21	222739.761	2406604.047	84°19'10.06131"	21°44'28.92311"
22	222747.023	2406587.785	84°19'10.32366"	21°44'28.39886"
23	222751.529	2406591.925	84°19'10.47785"	21°44'28.53591"
24	222759.179	2406592.715	84°19'10.74340"	21°44'28.56590"
25	222767.403	2406578.751	84°19'11.03782"	21°44'28.11684"
26	222753.443	2406578.736	84°19'10.55237"	21°44'28.10847"
27	222760.954	2406568.692	84°19'10.81963"	21°44'27.78638"
28	222793.135	2406542.873	84°19'11.95431"	21°44'26.96567"
29	222785.793	2406535.146	84°19'11.70365"	21°44'26.71049"
30	222795.223	2406522.117	84°19'12.03944"	21°44'26.29246"
31	222802.057	2406529.802	84°19'12.27244"	21°44'26.54602"
32	222822.543	2406519.268	84°19'12.99120"	21°44'26.21532"
33	222819.837	2406509.667	84°19'12.90290"	21°44'25.90185"

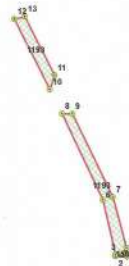


GOISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
45/05 (part), Jayadev Vihar
Rhinaneswar

DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-MAHULADIHA SHEET-1, KUCHINDA TAHASIL, SAMBALPUR DIST.



28
30
32

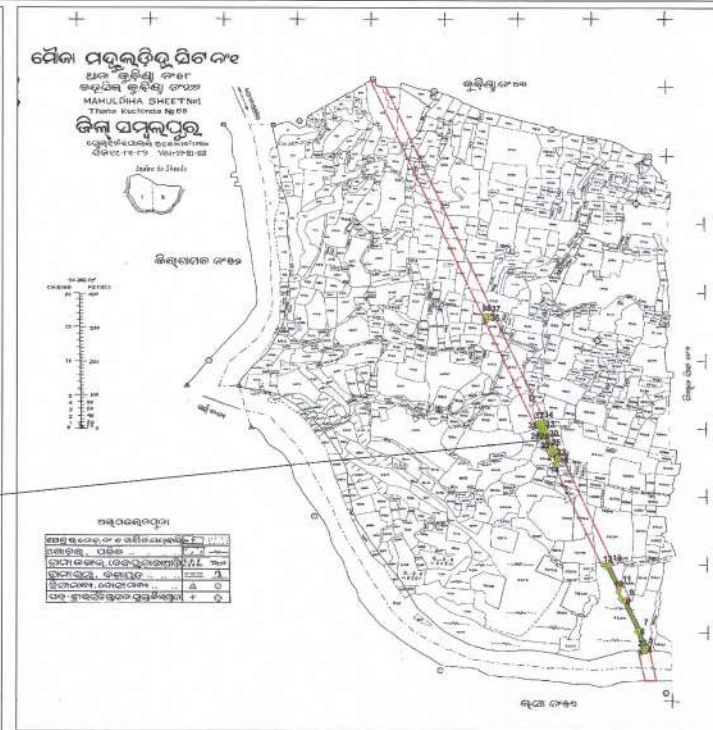


Forest area statistics			
Sl. No.	Mouza	Plot No.	Map area Ha.
1	MAHULADIHA sh-1	1193	SABIK JUNGLE 0.1998
2		1193	SABIK JUNGLE 0.0773
3		1135	SABIK JUNGLE 0.0569
4		1136	PATRA JUNGLE 0.0125
5		575	SABIK JUNGLE 0.0589
6		577	PATRA JUNGLE 0.0133
7		580	PATRA JUNGLE 0.0065
8		1503	SABIK JUNGLE 0.0035

Legend

- DGPS SURVEYED POINT
- FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



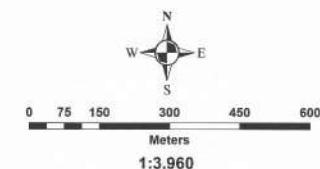
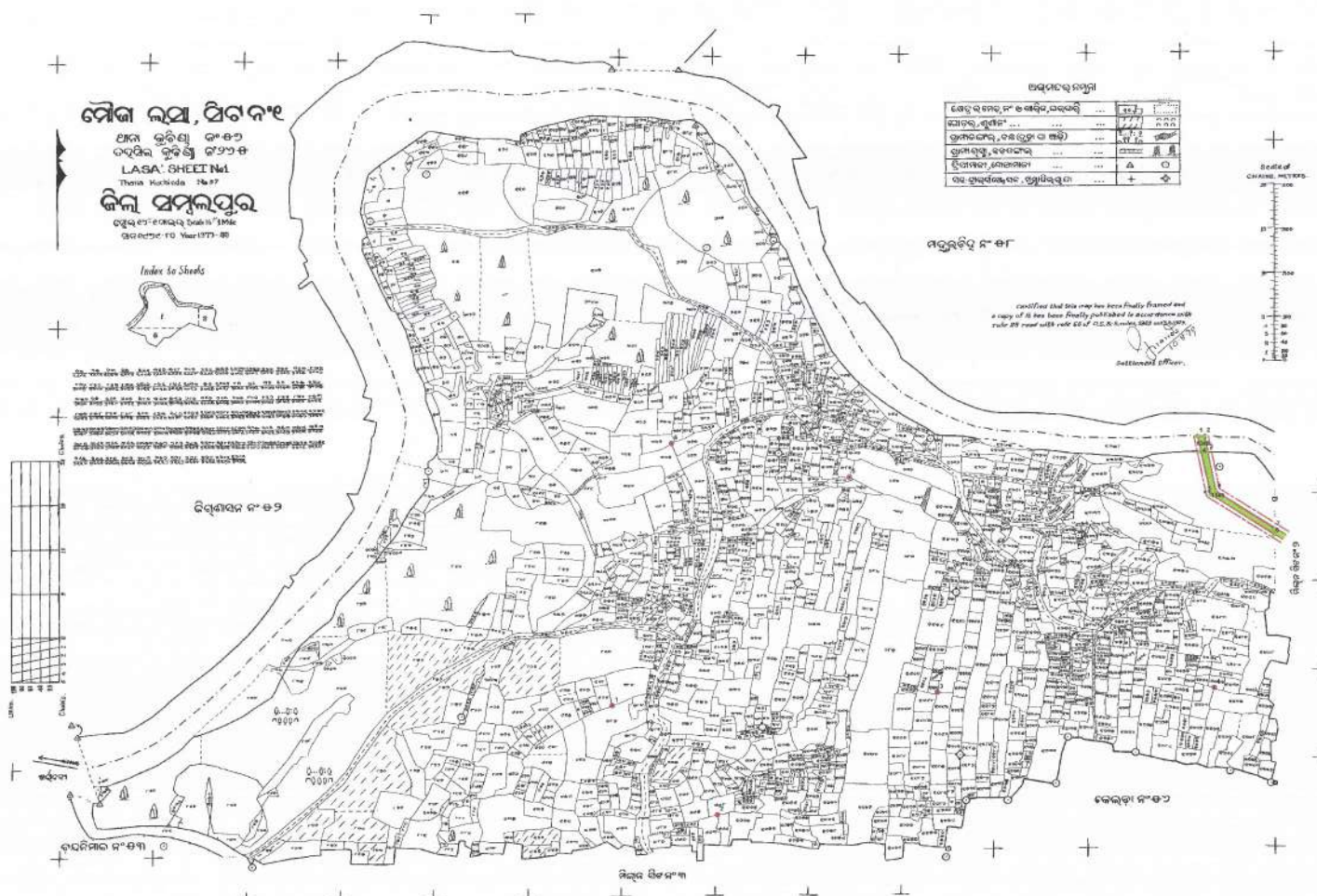
DGPS SURVEYED CO-ORDINATES											
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE	POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE		
1	224008.043	2404224.801	84°19'55.59435"	21°43'12.33424"	20	223760.726	2404810.839	84°19'46.64315"	21°43'31.23600"		
2	223996.523	2404225.316	84°19'55.19346"	21°43'12.34452"	21	223769.912	2404817.852	84°19'46.95838"	21°43'31.46900"		
3	223996.545	2404226.776	84°19'55.19336"	21°43'12.39196"	22	223762.491	2404821.776	84°19'46.69797"	21°43'31.59235"		
4	224003.939	2404226.978	84°19'55.49034"	21°43'12.40267"	23	223766.143	2404819.845	84°19'46.82611"	21°43'31.53165"		
5	224007.445	2404233.838	84°19'55.56813"	21°43'12.62752"	24	223750.785	2404862.897	84°19'46.26624"	21°43'32.92180"		
6	223985.225	2404284.645	84°19'54.76506"	21°43'14.26578"	25	223737.402	2404863.972	84°19'45.80025"	21°43'32.94922"		
7	223995.122	2404287.111	84°19'55.10770"	21°43'14.35164"	26	223751.18	2404828.721	84°19'46.30051"	21°43'31.81164"		
8	223947.064	2404375.274	84°19'53.38378"	21°43'17.18895"	27	223736.14	2404870.743	84°19'45.75228"	21°43'33.16851"		
9	223957.223	2404375.099	84°19'53.73713"	21°43'17.18895"	28	223731.028	2404882.854	84°19'45.56725"	21°43'33.55912"		
10	223935.495	2404400.85	84°19'52.96619"	21°43'18.01343"	29	223742.061	2404882.664	84°19'45.95101"	21°43'33.55912"		
11	223940.368	2404415.596	84°19'53.12680"	21°43'18.49527"	30	223746.56	2404869.298	84°19'46.11548"	21°43'33.12739"		
12	223902.3	2404475.904	84°19'51.76694"	21°43'20.43335"	31	223729.404	2404891.53	84°19'45.50558"	21°43'33.84009"		
13	223912.197	2404478.37	84°19'52.10958"	21°43'20.51901"	32	223724.591	2404898.152	84°19'45.33426"	21°43'34.05252"		
14	223773.628	2404781.931	84°19'47.10914"	21°43'30.30402"	33	223736.153	2404894.366	84°19'45.73857"	21°43'33.93603"		
15	223779.502	2404791.11	84°19'47.30788"	21°43'30.60554"	34	223732.537	2404901.811	84°19'45.60837"	21°43'34.17588"		
16	223775.755	2404790.964	84°19'47.17767"	21°43'30.59869"	35	223592.066	2405207.352	84°19'40.54031"	21°43'44.02406"		
17	223769.17	2404806.239	84°19'46.93954"	21°43'31.09129"	36	223588.75	2405215.055	84°19'40.42039"	21°43'44.27248"		
18	223773.255	2404805.982	84°19'47.08173"	21°43'31.08524"	37	223593.781	2405213.913	84°19'40.59599"	21°43'44.23821"		
19	223764.002	2404806.564	84°19'46.75965"	21°43'31.09895"							



ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
4348 (part), Jaydev Vihar
Bhubaneswar



**GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION
FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA- LASA SHEET-1, KUCHINDA TAHASIL ,SAMBALPUR DIST.**



Legend

- DOPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
 DERIVED CO-ORDINATES
 FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES

POINT_ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	222748.445	2403574.449	84°19'12.18893"	21°42'50.49709"
2	222969.806	2403323.706	84°19'20.03630"	21°42'42.47498"
3	223443.166	2403594.19	84°19'36.33194"	21°42'51.52887"
4	224031.654	2403595.767	84°19'56.79240"	21°42'51.91006"
5	223262.057	2404085.327	84°19'29.73971"	21°43'07.38422"
6	222883.582	2404167.6	84°19'16.53051"	21°43'09.84448"

DERIVED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	224004.691	2404166.864	84°19'55.51252"	21°43'10.44997"
2	224020.068	2404167.1	84°19'56.04704"	21°43'10.46625"
3	224025.678	2404130.843	84°19'56.26385"	21°43'09.29141"
4	224011.05	2404132.063	84°19'55.75449"	21°43'09.32286"
5	224030.624	2404034.966	84°19'56.49331"	21°43'06.17912"
6	224163.51	2403941.524	84°20'01.16981"	21°43'03.21759"
7	224165.448	2403953.882	84°20'01.22978"	21°43'03.62019"
8	224041.572	2404041.25	84°19'56.87022"	21°43'06.38941"

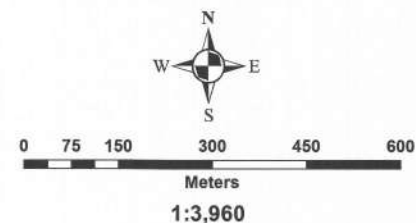
FOREST AREA STATISTICS

Sl.NO.	MOUZA	PLOT_NO	HAL KISAM	SABIK KISAM	MAP AREA_AC	MAP AREA_HA
1	LASA SH-1	1348	RIVER	BADA JUNGLE NALAIK	0.1295	0.0524
2		1349	UNATI JOJONA JOGYA	BADA JUNGLE NALAIK	0.7462	0.3020



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

**GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION
FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA- LASA SHEET-2, KUCHINDA TAHASIL ,SAMBALPUR DIST.**



Legend	
	DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
	DERIVED CO-ORDINATES
	FOREST PATCH

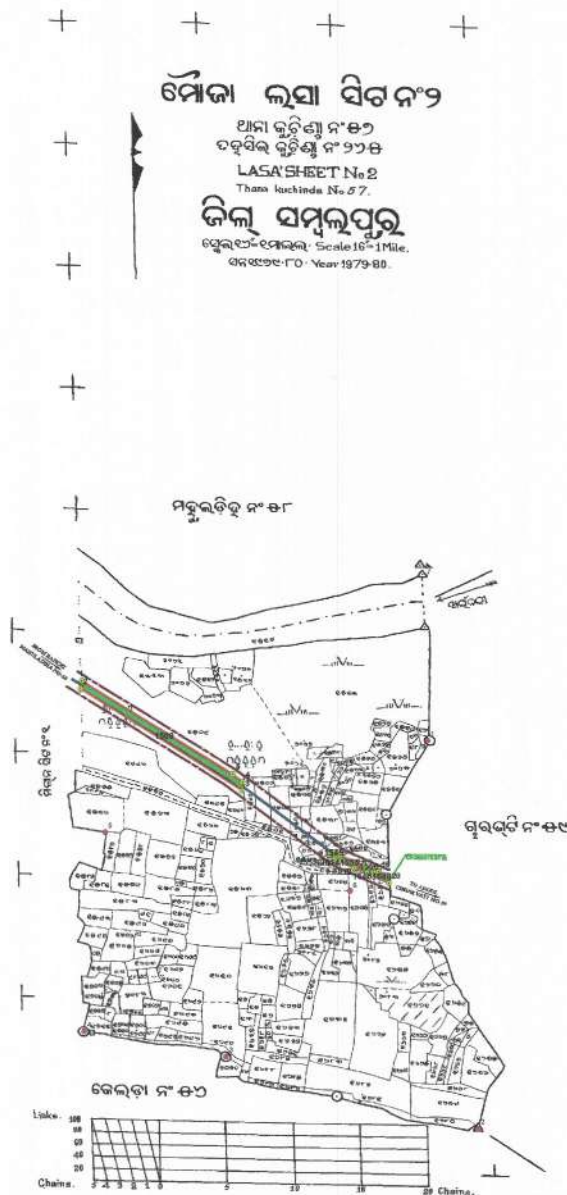
DGPS SURVEYED GEO REFERENCED CO-ORDINATES OF POINTS				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	224676.939	2403852.421	84°20'19.07524"	21°43'00.60980"
2	224742.796	2403231.178	84°20'21.73645"	21°42'40.46222"
3	224371.074	2403350.451	84°20'08.74074"	21°42'44.12966"
4	224161.067	2403392.891	84°20'01.41354"	21°42'45.39106"
5	224196.632	2403711.328	84°20'02.45939"	21°42'55.75704"
6	224558.5	2403613.611	84°20'15.09994"	21°42'52.78462"

DERIVED CO-ORDINATES OF POINTS				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	224165.448	2403953.882	84°20'01.22978"	21°43'03.62019"
2	224163.51	2403941.524	84°20'01.16981"	21°43'03.21759"
3	224401.356	2403776.073	84°20'09.53885"	21°42'57.97516"
4	224401.829	2403789.247	84°20'09.54742"	21°42'58.40346"
5	224387.762	2403802.145	84°20'09.05059"	21°42'58.81463"
6	224527.255	2403672.159	84°20'13.97853"	21°42'54.66938"
7	224535.611	2403663.842	84°20'14.27405"	21°42'54.40383"
8	224541.613	2403669.012	84°20'14.47964"	21°42'54.57515"
9	224537.042	2403675.418	84°20'14.31688"	21°42'54.78074"
10	224543.778	2403667.527	84°20'14.55582"	21°42'54.52811"
11	224541.529	2403661.082	84°20'14.48147"	21°42'54.31745"
12	224565.229	2403649.6	84°20'15.31238"	21°42'53.95768"
13	224580.321	2403653.296	84°20'15.83491"	21°42'54.08617"
14	224544.639	2403669.992	84°20'14.58426"	21°42'54.60870"
15	224584.008	2403641.522	84°20'15.97013"	21°42'53.70570"
16	224593.65	2403636.347	84°20'16.30849"	21°42'53.54294"
17	224593.861	2403642.621	84°20'16.31209"	21°42'53.74693"
18	224601.41	2403643.464	84°20'16.57404"	21°42'53.77851"
19	224616.687	2403636.478	84°20'17.10942"	21°42'53.56008"
20	224616.369	2403625.146	84°20'17.10514"	21°42'53.19174"

Forest area statistics						
sl. No.	Mouza	Plot No.	HAL KISSAM	Sabik KISSAM	Map area Ac.	Map area Ha.
1	LASA Sh-2	1509	PATRA JUNGLE		0.8877	0.3592
2		1555		SABIK JUNGLE	0.0779	0.0315
3		1556	ROAD	Patra Jungle Nalalik	0.0498	0.0202
4		1648	SABBA SADHARANA	Patra Jungle Nalalik	0.0582	0.0236
5		1646	UNNATA JOJANA JOGYA	Patra Jungle Nalalik	0.0076	0.0031
6		1555/2014		Patra Jungle Nalalik	0.008	0.0032



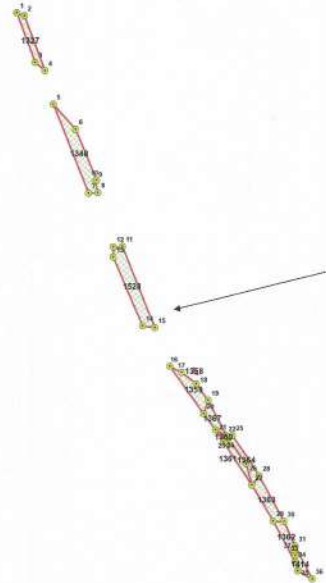
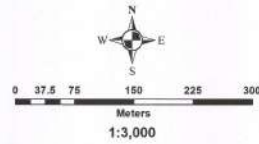
ODISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
6544 (part), Jayadev Vihar
Bhubaneswar



Legend	
	DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
	DERIVED CO-ORDINATES
	FOREST PATCH

ଓଡ଼ିଶା ସରକାରଙ୍କ ଦ୍ଵାରା ପ୍ରସ୍ତୁତ କରାଯାଇଥିବା ଏହି ମାପଟିର ସ୍ଵତନ୍ତ୍ରତା ଓ ସତ୍ୟତା ଗ୍ରହଣ କରିବା ପାଇଁ ଏହାକୁ ଏକ ମାପାବଳୀ ଭାବରେ ଗ୍ରହଣ କରାଯିବ।

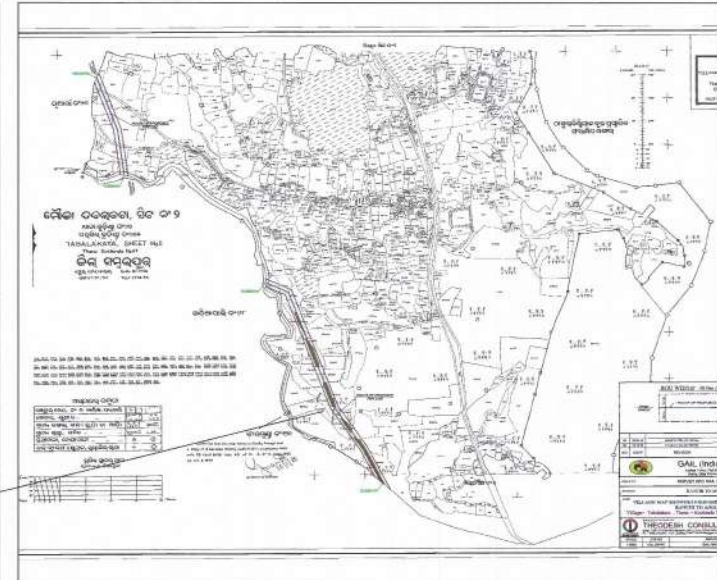
DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-TABLAKATA SHEET-2, JAMANKIRA TAHASIL, SAMBALPUR DIST.



FOREST AREA STATISTICS				
SL No	MOUZA	PLOT_NO	KISAM	MAP AREA_HA
1	TABALAKATA SH-2	1327	SABIK JUNGLE	0.0530
2		1348	PATRA JUNGLE	0.1419
3		1348/1528	PATRA JUNGLE	0.1508
4		1359	PATRA JUNGLE	0.0707
5		1360	SABIK JUNGLE	0.0085
6		1363	PATRA JUNGLE	0.0711
7		1414	PATRA JUNGLE	0.0290
8		1364	SABIK JUNGLE	0.0470
9		1361	PATRA JUNGLE	0.0391
10		1362	SABIK JUNGLE	0.0455
11		1358	SABIK JUNGLE	0.0019
12		1367	GRAMYA JUNGLE	0.0379

Legend

- DGPS SURVEYED POINT
- FOREST PATCH



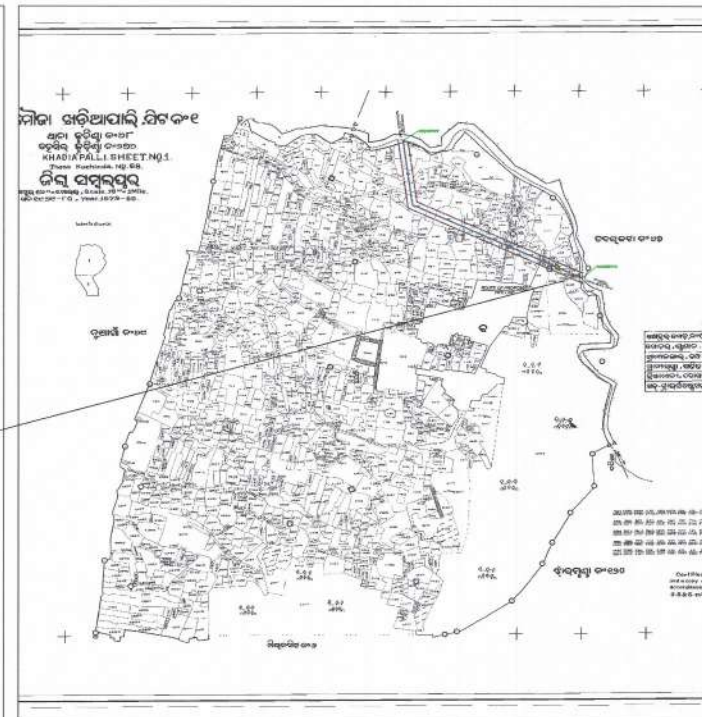
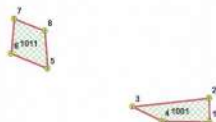
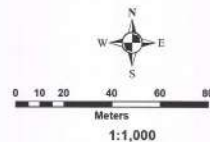
DGPS SURVEYED CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	229384.630	2399602.665	21°40'45.13689"	84°23'05.26180"
2	229393.635	2399598.927	21°40'45.02039"	84°23'05.57704"
3	229405.249	2399539.465	21°40'43.09474"	84°23'06.01562"
4	229416.896	2399528.723	21°40'42.75210"	84°23'06.42679"
5	229426.015	2399485.768	21°40'41.36140"	84°23'06.76900"
6	229451.841	2399453.695	21°40'40.33348"	84°23'07.68557"
7	229465.737	2399371.733	21°40'37.67800"	84°23'08.21667"
8	229476.589	2399372.341	21°40'37.70369"	84°23'08.59357"
9	229473.627	2399386.627	21°40'38.16626"	84°23'08.48221"
10	229475.382	2399388.443	21°40'38.22622"	84°23'08.54218"
11	229504.754	2399303.584	21°40'35.48509"	84°23'09.61293"
12	229493.663	2399303.507	21°40'35.47652"	84°23'09.22746"
13	229493.441	2399290.329	21°40'35.04822"	84°23'09.22746"
14	229526.688	2399201.449	21°40'32.17859"	84°23'10.43528"
15	229541.183	2399198.832	21°40'32.10149"	84°23'10.94067"
16	229558.089	2399149.247	21°40'30.49964"	84°23'11.55743"
17	229571.757	2399141.424	21°40'30.25294"	84°23'12.03713"
18	229589.056	2399126.790	21°40'29.78694"	84°23'12.64703"
19	229602.299	2399105.476	21°40'29.10166"	84°23'13.11988"
20	229596.693	2399098.697	21°40'28.55343"	84°23'12.93485"
21	229610.732	2399067.792	21°40'27.88185"	84°23'13.43511"
22	229623.218	2399059.988	21°40'27.63515"	84°23'13.87369"
23	229625.634	2399051.300	21°40'27.35418"	84°23'13.96278"
24	229619.933	2399052.240	21°40'27.36159"	84°23'13.76405"
25	229630.520	2399060.498	21°40'27.65571"	84°23'14.12725"
26	229646.071	2399034.025	21°40'26.47916"	84°23'14.68918"
27	229652.316	2398996.858	21°40'25.59985"	84°23'14.92218"
28	229661.190	2399008.730	21°40'25.99046"	84°23'15.22370"
29	229676.772	2398950.678	21°40'24.11278"	84°23'15.79934"
30	229689.378	2398950.044	21°40'24.09908"	84°23'16.23792"
31	229702.247	2398918.190	21°40'23.07115"	84°23'16.70392"
32	229700.986	2398913.572	21°40'22.92039"	84°23'16.66280"
33	229702.442	2398906.376	21°40'22.68739"	84°23'16.71762"
34	229701.716	2398898.374	21°40'22.42688"	84°23'16.69707"
35	229704.977	2398886.629	21°40'22.04717"	84°23'16.81731"
36	229721.808	2398876.380	21°40'21.72337"	84°23'17.40837"

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.

GEOSIA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/18 (East), Jayadev Vihar,
Bhubaneswar



DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-KHADIAPALI SHEET-1, JAMNKIRA TAHASIL, SAMBALPUR DIST.



DGPS SURVEYED CO-ORDINATES

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	229259.738	229259.738	84°23'00.84783"	21°40'49.07650"
2	229259.733	229259.733	84°23'00.84179"	21°40'49.40145"
3	229230.004	229230.004	84°22'59.81026"	21°40'49.27899"
4	229241.335	229241.335	84°23'00.20772"	21°40'49.08711"
5	229197.359	229197.359	84°22'58.66583"	21°40'49.79295"
6	229183.474	229183.474	84°22'58.17928"	21°40'49.99854"
7	229184.902	229184.902	84°22'58.22040"	21°40'50.47138"
8	229196.641	229196.641	84°22'58.63157"	21°40'50.30692"

Forest Area statistics

Sl. No.	Mouza	Plot No.	Kissam	Map area_Ha.
1	KHADIAPALI	1001	SABIK JUNGLE	0.0201
2	Sh_1	1011	SABIK JUNGLE	0.0197

Legend

- DGPS SURVEYED POINT
- FOREST PATCH

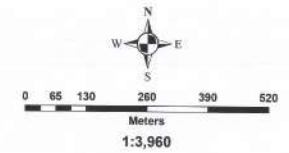
Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



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



**GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION
FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA JHARAMUNDA SHEET-1, JAMANKIRA TAHASIL, SAMBALPUR DIST.**



Legend

- DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
- DERIVED CO-ORDINATES
- FOREST PATCH

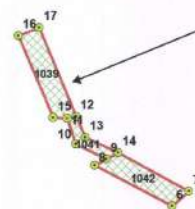
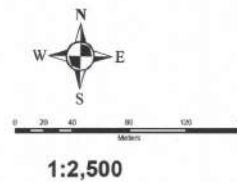
DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	230625.046	2398726.439	84°23'48.89350"	21°40'17.34506"
2	229034.866	2398645.826	84°22'53.66493"	21°40'13.85579"
3	229615.589	2398500.889	84°23'13.93602"	21°40'09.46485"
4	229447.452	2398070.871	84°23'08.34357"	21°39'55.40073"
5	228802.474	2397809.128	84°22'46.07842"	21°39'46.54260"
6	229346.385	2398019.044	84°23'04.86094"	21°39'53.66142"

DERIVED CO-ORDINATES OF POINTS				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	229704.977	239886.629	84°23'16.81731"	21°40'22.04717"
2	229713.236	2398867.825	84°23'17.11541"	21°40'21.44069"
3	229720.247	2398876.057	84°23'17.35429"	21°40'21.71202"
4	229722.035	2398888.138	84°23'17.42119"	21°40'21.45504"
5	229725.182	2398870.596	84°23'17.52963"	21°40'21.53728"
6	229734.561	2398861.363	84°23'17.86054"	21°40'21.23918"
7	229764.664	2398763.876	84°23'18.06390"	21°40'18.09136"
8	229780.318	2398763.612	84°23'19.50894"	21°40'18.09136"
9	229812.808	2398696.101	84°23'20.07717"	21°40'15.07599"
10	229802.193	2398694.016	84°23'20.30399"	21°40'15.84223"
11	229799.437	2398690.166	84°23'20.21585"	21°40'15.71544"
12	229857.892	2398556.773	84°23'22.32614"	21°40'11.36699"
13	229841.516	2398540.78	84°23'21.75428"	21°40'11.53445"
14	229886.437	2398442.707	84°23'23.43973"	21°40'04.47990"
15	229883.454	2398341.296	84°23'23.34098"	21°40'04.42430"
16	229900.018	2398335.822	84°23'23.91946"	21°40'04.25718"
17	229901.798	2398324.456	84°23'23.96796"	21°40'03.88884"
18	229899.094	2398320.8	84°23'23.92391"	21°40'03.76907"
19	229891.155	2398293.792	84°23'23.70548"	21°40'02.88776"
20	229891.05	2398245.626	84°23'24.03929"	21°40'01.82759"
21	229915.884	2398253.564	84°23'24.31805"	21°40'01.59317"
22	230027.966	2397956.323	84°23'28.58882"	21°39'51.99647"
23	230042.249	2397957.901	84°23'29.08437"	21°39'52.05558"
24	230043.175	2397961.511	84°23'29.11435"	21°39'52.17336"
25	230010.757	2397951.252	84°23'31.38006"	21°39'50.57230"
26	230059.369	2397911.363	84°23'30.95520"	21°39'50.77286"
27	230094.732	2397896.541	84°23'30.94449"	21°39'50.00552"
28	230210.24	2397694.235	84°23'35.07761"	21°39'43.54031"
29	230222.283	2397696.01	84°23'35.49521"	21°39'43.64456"
30	230233.067	2397699.803	84°23'35.51804"	21°39'42.77725"
31	230231.918	2397671.013	84°23'35.84407"	21°39'42.81764"
32	230237.712	2397631.555	84°23'38.06913"	21°39'41.56877"
33	230251.813	2397634.745	84°23'36.55740"	21°39'41.67009"
34	230242.704	2397617.709	84°23'36.25074"	21°39'41.11558"
35	230248.206	2397616.095	84°23'36.44604"	21°39'41.06190"
36	230047.612	2397604.761	84°23'36.42891"	21°39'40.69351"
37	230281.444	2397527.707	84°23'37.71957"	21°39'38.29460"
38	230298	2397533.026	84°23'38.22198"	21°39'38.40258"
39	230292.059	2397545.534	84°23'38.00838"	21°39'38.79340"
40	230289.514	2397546.631	84°23'37.91929"	21°39'38.82767"
41	230288.801	2397550.649	84°23'37.89530"	21°39'38.95787"

Forest area statistics				
Sl. No.	Mouza	Plot No.	Kms ²	Map area ²
1		72	JUNGLE	0.0100
2		727	JUNGLE	0.1757
3		752	JUNGLE	0.1163
4		825	JUNGLE	0.3393
5	JHARAMUNDA	823	SABIK JUNGLE	0.0906
6	SH-1	822	SABIK JUNGLE	0.0403
7		998	JUNGLE	0.1144
8		957	SABIK JUNGLE	0.0280
9		973	JUNGLE	0.0032
10		972	SABIK JUNGLE	0.1678



**DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE
OF GAIL (INDIA) LTD IN MOUZA JHARAMUNDA SHEET-2, JAMANKIRA TAHASIL, SAMBALPUR DIST.**

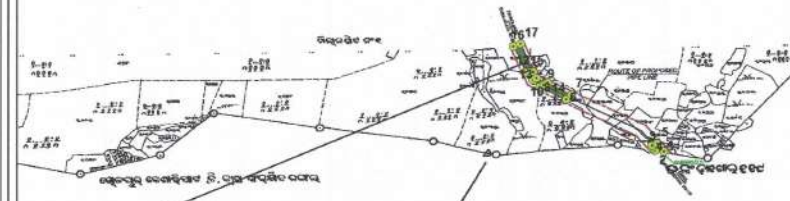


Forest area statistics				
Sl. NO.	Mouza	Plot No.	Kissam	Map area_HA
1	JHARMUNDA SH-2	1041	JUNGLE	0.0311
2		1042	JUNGLE	0.0906
3		1061	ABIK JUNG	0.0249
4		1039	ABIK JUNG	0.0885

Legend

-  DGPS SURVEYED_POINT
 FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



DGPS SURVEY OF CO-ORDINATES

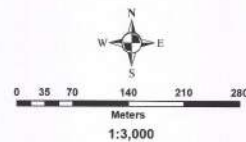
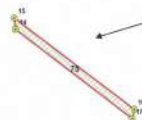
POINT-ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	230594.036	2397286.239	21°39'30.53314"	84°23'48.65589"
2	230575.589	2397288.394	21°39'30.59310"	84°23'48.01343"
3	230569.916	2397295.476	21°39'30.82010"	84°23'47.81213"
4	230569.877	2397300.485	21°39'30.98286"	84°23'47.80785"
5	230581.402	2397304.378	21°39'31.11563"	84°23'48.20617"
6	230391.421	2397407.123	21°39'34.35039"	84°23'41.54285"
7	230403.182	2397417.735	21°39'34.70160"	84°23'41.94545"
8	230336.952	2397436.247	21°39'35.26696"	84°23'39.63262"
9	230345.404	2397440.587	21°39'35.41258"	84°23'39.92386"
10	230323.645	2397450.97	21°39'35.73809"	84°23'39.16148"
11	230317.545	2397469.264	21°39'36.32915"	84°23'38.93876"
12	230323.973	2397470.474	21°39'36.37198"	84°23'39.16148"
13	230330.381	2397455.866	21°39'35.90084"	84°23'39.39277"
14	230353.368	2397445.198	21°39'35.56677"	84°23'40.19798"
15	230307.940	2397469.689	21°39'36.33771"	84°23'38.60469"
16	230283.444	2397527.707	21°39'38.20946"	84°23'37.71935"
17	230298.000	2397533.406	21°39'38.40258"	84°23'38.22198"



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



DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-KANKADAKHOL SHEET-1, JAMANKIRA TAHASIL, SAMBALPUR DIST.

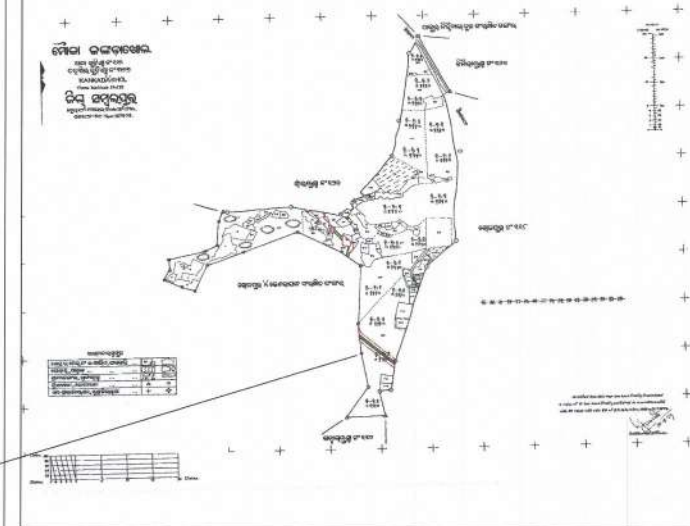


FOREST AREA STATISTICS				
SL. No	MOUZA	PLOT_NO	KISAM	MAP AREA, HA
1	KANKADAKHOL SH-1	27	JUNGLE	0.0098
2		53	JUNGLE	0.0834
3		75	GRAMYA JUNGLE	0.1869

Legend

- DGPS SURVEYED POINT
- FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



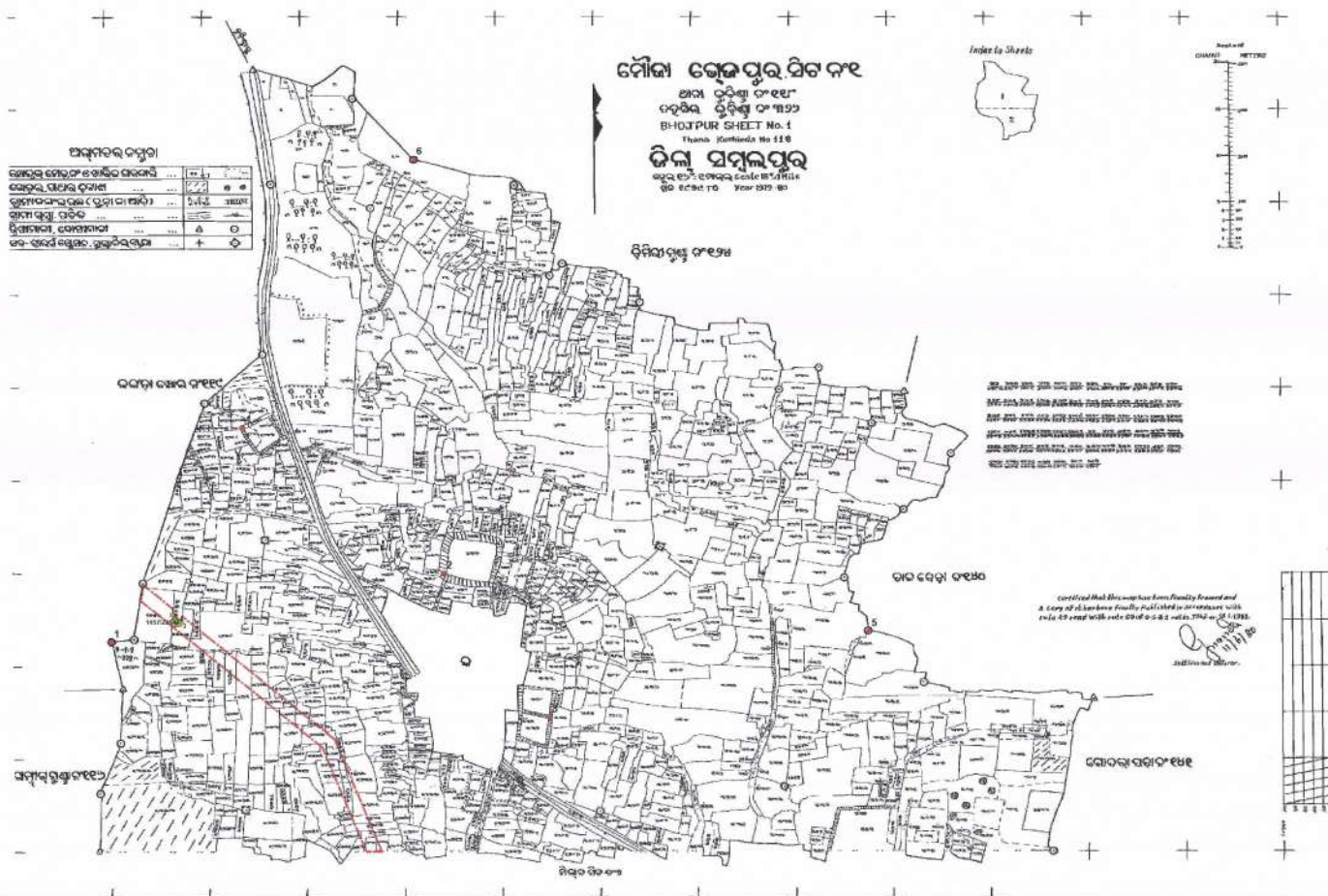
DGPS SURVEYED CO-ORDINATES				
POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	230635.604	2397221.877	21°39'28.46454"	84°23'50.13822"
2	230636.824	2397235.829	21°39'28.91854"	84°23'50.17248"
3	230649.639	2397221.114	21°39'28.44741"	84°23'50.62648"
4	230659.322	2397210.67	21°39'28.11333"	84°23'50.96913"
5	230656.148	2397197.805	21°39'27.69360"	84°23'50.86633"
6	230688.347	2397163.256	21°39'26.58857"	84°23'52.00562"
7	230690.772	2397175.606	21°39'26.99118"	84°23'52.08271"
8	230709.367	2397138.122	21°39'25.78336"	84°23'52.75087"
9	230717.994	2397138.241	21°39'25.79193"	84°23'53.05068"
10	230710.46	2397115.167	21°39'25.03812"	84°23'52.80226"
11	230714.798	2397109.294	21°39'24.84966"	84°23'52.95645"
12	230711.527	2397090.631	21°39'24.24147"	84°23'52.85366"
13	230703.485	2397096.039	21°39'24.41279"	84°23'52.57098"
14	230750.478	2396751.374	21°39'13.23953"	84°23'54.40522"
15	230749.239	2396765.632	21°39'13.70210"	84°23'54.35382"
16	230888.256	2396648.884	21°39'09.98443"	84°23'59.25361"
17	230885.593	2396637.065	21°39'09.59895"	84°23'59.16795"



ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
6040 (part), Jayadev Vihar
Bhubaneswar



GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA - BHOJPUR SHEET-1, JAMANKIRA TAHASIL, SAMBALPUR DIST.



0 105 210 420 630 840
Meters
1:3,960

Legend

- DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
- DERIVED CO-ORDINATES
- FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	230823.674	2396529.774	84°23'57.07834"	21°39'06.07913"
2	231508.863	2396668.856	84°24'20.81228"	21°39'10.97086"
3	231721.458	2396351.936	84°24'28.38540"	21°39'00.78882"
4	231100.538	2396993.842	84°24'06.43105"	21°39'21.30842"
5	232379.892	2396529.392	84°24'51.16739"	21°39'06.91175"
6	231461.515	2397572.011	84°24'18.64157"	21°39'40.29071"

DERIVED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	230949.659	2396588.029	84°24'01.42320"	21°39'08.04055"
2	230968.392	2396573.479	84°24'02.08279"	21°39'07.57798"
3	230966.826	2396568.233	84°24'02.03139"	21°39'07.40666"
4	230961.137	2396567.01	84°24'01.83437"	21°39'07.36383"
5	230949.689	2396575.11	84°24'01.43176"	21°39'07.62081"

Forest area statistics

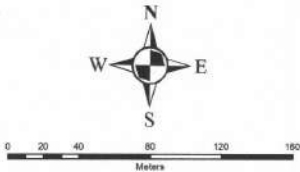
Mouza	Plot No.	Kissam	Map area Ha.
BHOJPUR SH-1	1457/2254	JUNGLE	0.0201



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



DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED IN BHOJPUR 'A ' KESARIPAT RESERVE FOREST OF SAMBALPUR DISTRICT
FOR JHBDPL PROJECT OF GAIL (INDIA) LTD.



1:2,000

Legend

- DGPS SURVEYED_POINT
- FOREST PATCH

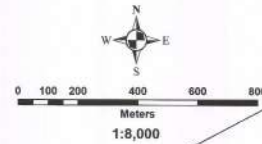
DGPS SURVEYED CO-ORDINATES OF POINTS				
POINT-ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	230704.12	2397096.151	21°39'24.41679"	84°23'52.59297"
2	230711.769	2397090.101	21°39'24.22439"	84°23'52.86236"
3	230687.104	2396930.631	21°39'19.02943"	84°23'52.09803"
4	230696.87	2396933.516	21°39'19.12849"	84°23'52.43578"
5	230748.499	2396765.962	21°39'13.71243"	84°23'54.32792"
6	230748.734	2396750.562	21°39'13.21217"	84°23'54.34505"

FOREST AREA		
SL.NO	AREA_AC	AREA_HA
1	0.7857	0.3179

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-SANTIMAL SHEET-1, JAMANKIRA TAHASIL, SAMBALPUR DIST.

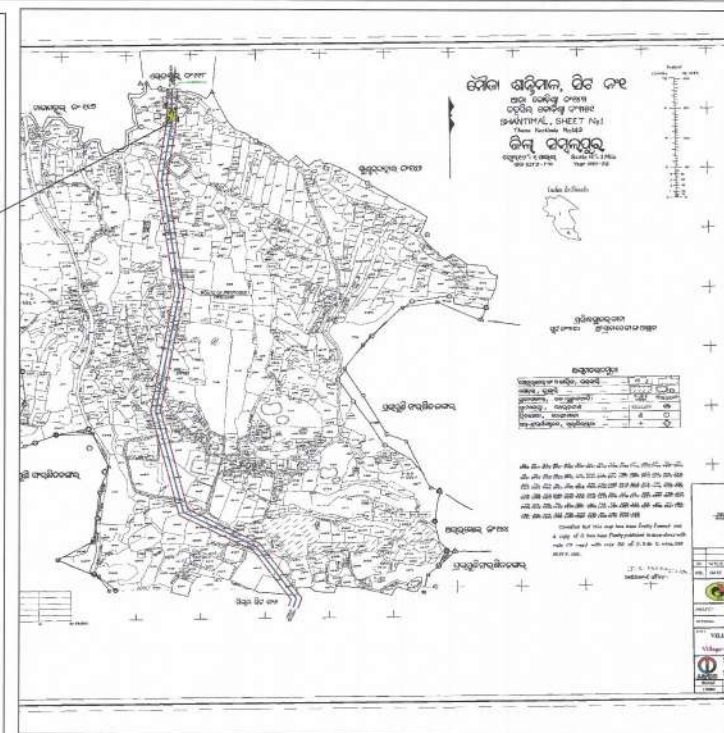


Forest area statistics			
Mouza	PLOT_NO	Kissam	Map area_Ha.
SHANTIMAL Sh-1	265	SABIK JUNGLE	0.0188

Legend

-  DGPS SURVEYED POINT
-  FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



DGPS SURVEYED CO-ORDINATES				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	231601.916	2394808.088	84°24'25.12685"	21°38'10.56066"
2	231612.991	2394807.112	84°24'25.51232"	21°38'10.53497"
3	231613.918	2394791.753	84°24'25.55344"	21°38'10.03642"
4	231610.325	2394789.124	84°24'25.43008"	21°38'09.94905"
5	231602.404	2394793.053	84°24'25.15254"	21°38'10.07240"



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



**GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION
FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOZA - SANTIMAL SHEET-2, JAMANKIRA TAHASIL ,SAMBALPUR DIST.**

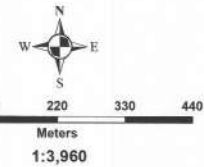
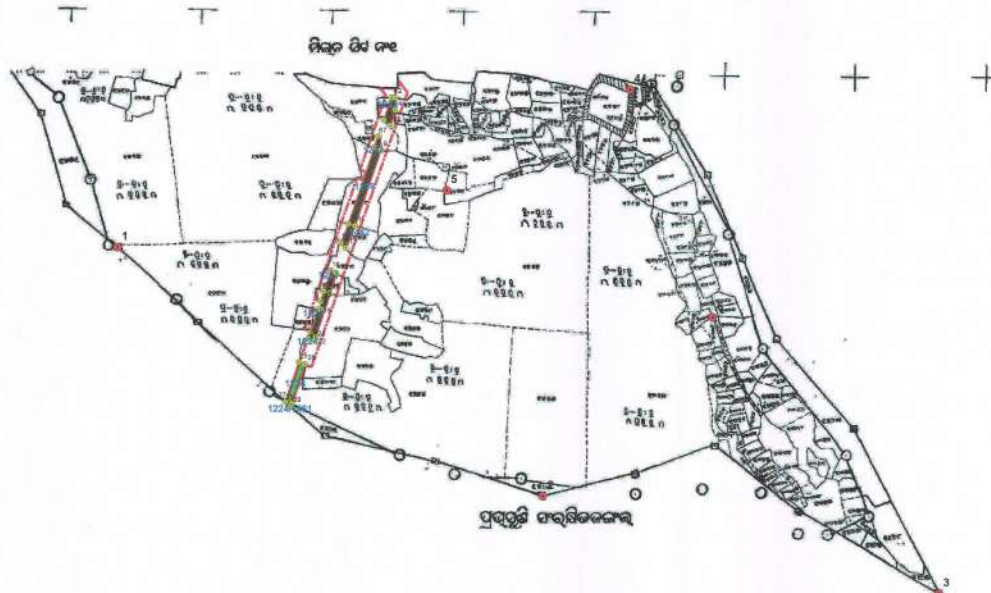
ମୌଜା ଶାନ୍ତିମାଳ, ପିଟ ନଂ ୨

ଆଜା ଗୋବିନ୍ଦ ନାଥ
ଭୂମି ମାଲିକାନା କାର୍ଯ୍ୟ
SHANTIMAL, SHEET No.2
Thana Kachinda No.143

ଜିଲ୍ଲା ପ୍ରଶାସନ
ସ୍କେଲ 1:63,360
Year 1985-86

ସମ୍ବଲପୁର ଜିଲ୍ଲା

ସମ୍ବଲପୁର ଜିଲ୍ଲା, ଶାନ୍ତିମାଳ ମୌଜା	...	...
ସମ୍ବଲପୁର ଜିଲ୍ଲା, ଶାନ୍ତିମାଳ ମୌଜା	...	...
ସମ୍ବଲପୁର ଜିଲ୍ଲା, ଶାନ୍ତିମାଳ ମୌଜା	...	...
ସମ୍ବଲପୁର ଜିଲ୍ଲା, ଶାନ୍ତିମାଳ ମୌଜା	...	...
ସମ୍ବଲପୁର ଜିଲ୍ଲା, ଶାନ୍ତିମାଳ ମୌଜା	...	...



Legend

- DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
- DERIVED CO-ORDINATES
- FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	231549.223	2392934.641	84°24'24.38250"	21°37'09.65922"
2	232187.843	2392521.967	84°24'46.81252"	21°36'56.59622"
3	232784.996	2392355.561	84°25'07.65856"	21°36'51.51183"
4	232329.633	2393180.429	84°24'51.35877"	21°37'18.06807"
5	232049.264	2393020.767	84°24'41.70851"	21°37'12.72854"
6	232449.325	2392808.672	84°24'55.73288"	21°37'06.05338"

DERIVED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	231968.817	2393172.159	84°24'38.80801"	21°37'17.60384"
2	231974.236	2393172.324	84°24'39.01359"	21°37'17.61240"
3	231956.36	2393135.704	84°24'38.41363"	21°37'16.41287"
4	231973.53	2393152.024	84°24'39.00081"	21°37'16.95242"
5	231965.836	2393126.855	84°24'38.74804"	21°37'16.13048"
6	231946.126	2393108.967	84°24'38.07347"	21°37'15.53856"
7	231949.82	2393108.747	84°24'38.20196"	21°37'15.53342"
8	231940.934	2393091.589	84°24'37.90813"	21°37'14.97110"
9	231950.563	2393086.774	84°24'38.24050"	21°37'14.81987"
10	231900.138	2392967.969	84°24'36.55709"	21°37'10.93228"
11	231909.677	2392964.837	84°24'36.89037"	21°37'10.83567"
12	231888.376	2392936.687	84°24'36.16647"	21°37'09.90949"
13	231895.725	2392928.455	84°24'36.42664"	21°37'09.64597"
14	231873.103	2392892.243	84°24'35.66150"	21°37'08.45712"
15	231880.497	2392888.097	84°24'35.92083"	21°37'08.32639"
16	231860.795	2392859.028	84°24'35.25304"	21°37'07.37119"
17	231869.845	2392855.408	84°24'35.50861"	21°37'07.25945"
18	231856.421	2392842.797	84°24'35.11047"	21°37'06.84144"
19	231855.809	2392829.731	84°24'35.09676"	21°37'06.41656"
20	231851.025	2392829.282	84°24'34.93078"	21°37'06.39939"
21	231839.933	2392792.718	84°24'34.56652"	21°37'05.20532"
22	231847.086	2392785.612	84°24'34.81922"	21°37'04.97832"
23	231836.419	2392781.572	84°24'34.45088"	21°37'04.84127"
24	231846.002	2392779.699	84°24'34.78495"	21°37'04.78559"
25	231821.164	2392744.101	84°24'33.94248"	21°37'03.61546"
26	231820.376	2392740.782	84°24'34.26799"	21°37'03.51267"
27	231799.347	2392680.079	84°24'33.22148"	21°37'01.52341"
28	231809.948	2392677.589	84°24'33.59127"	21°37'01.44025"
29	231807.767	2392672.647	84°24'33.51835"	21°37'01.28649"

FOREST AREA STATISTICS

SL. NO.	MOZA	PLOT NO.	KISAM	MAP AREA HA
1		1233	SABIK JUNGLE	0.0515
2		1218/1442	SABIK JUNGLE	0.0410
3		1234	JUNGLE	0.0695
4		1234/1461	JUNGLE	0.0029
5		1224	JUNGLE	0.0062
6		1222	SABIK JUNGLE	0.0662
7		1221	SABIK JUNGLE	0.0362
8		1218	SABIK JUNGLE	0.1552
9		1212	SABIK JUNGLE	0.0147

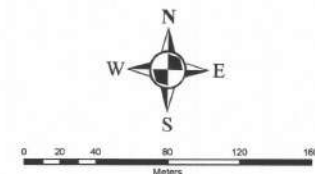
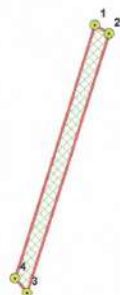


ODISHA SPACE APPLICATIONS CENTRE
(Deptt. of Science & Technology, Govt. of Odisha)
45/48 (part), Jayadev Vihar
Bhubaneswar



Certified that this is a copy of the map as per the original.

DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED IN PRAVASUNI RESERVE FOREST OF SAMBALPUR DISTRICT
FOR JHBDPL PROJECT OF GAIL (INDIA) LTD.



1:2,000

Legend

-  DGPS SURVEYED_POINT
-  FOREST PATCH

DGPS SURVEYED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	231799.878	2392677.185	21°37'01.42966"	84°24'33.24160"
2	231807.781	2392672.149	21°37'01.27033"	84°24'33.51914"
3	231761.924	2392527.048	21°36'56.53078"	84°24'32.00974"
4	231755.423	2392535.195	21°36'56.79197"	84°24'31.77912"

FOREST AREA

SL.NO	AREA_AC	AREA_HA
1	0.3290	0.1331

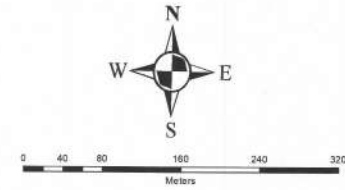
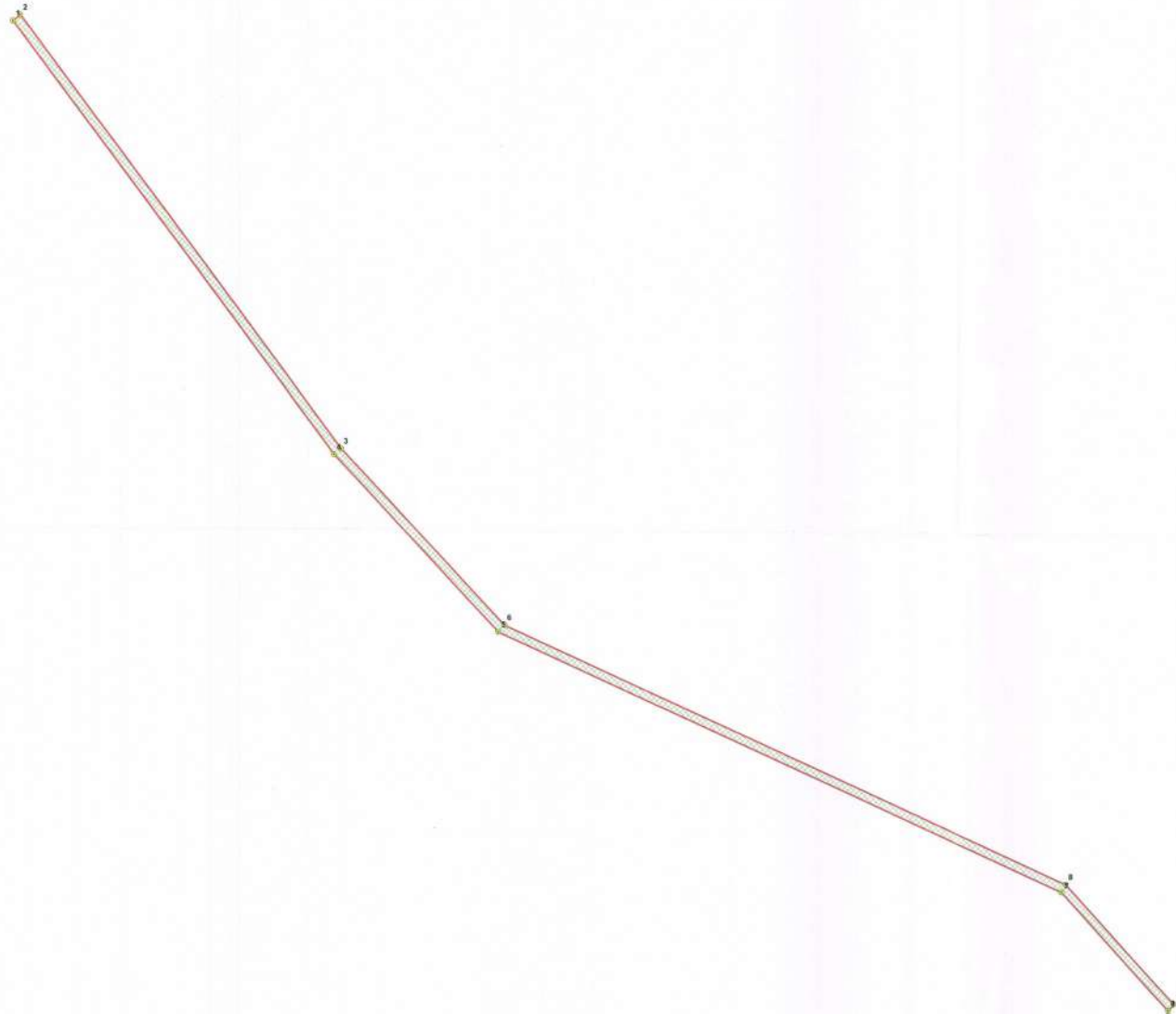
Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



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



**DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED IN SANTIMAL RESERVE FOREST OF SAMBALPUR DISTRICT
FOR JHBDPL PROJECT OF GAIL (INDIA) LTD.**



1:2,500

Legend

-  DGPS SURVEYED_POINT
-  FOREST PATCH

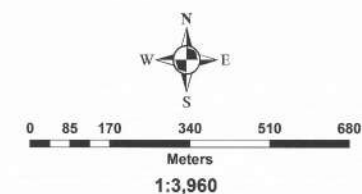
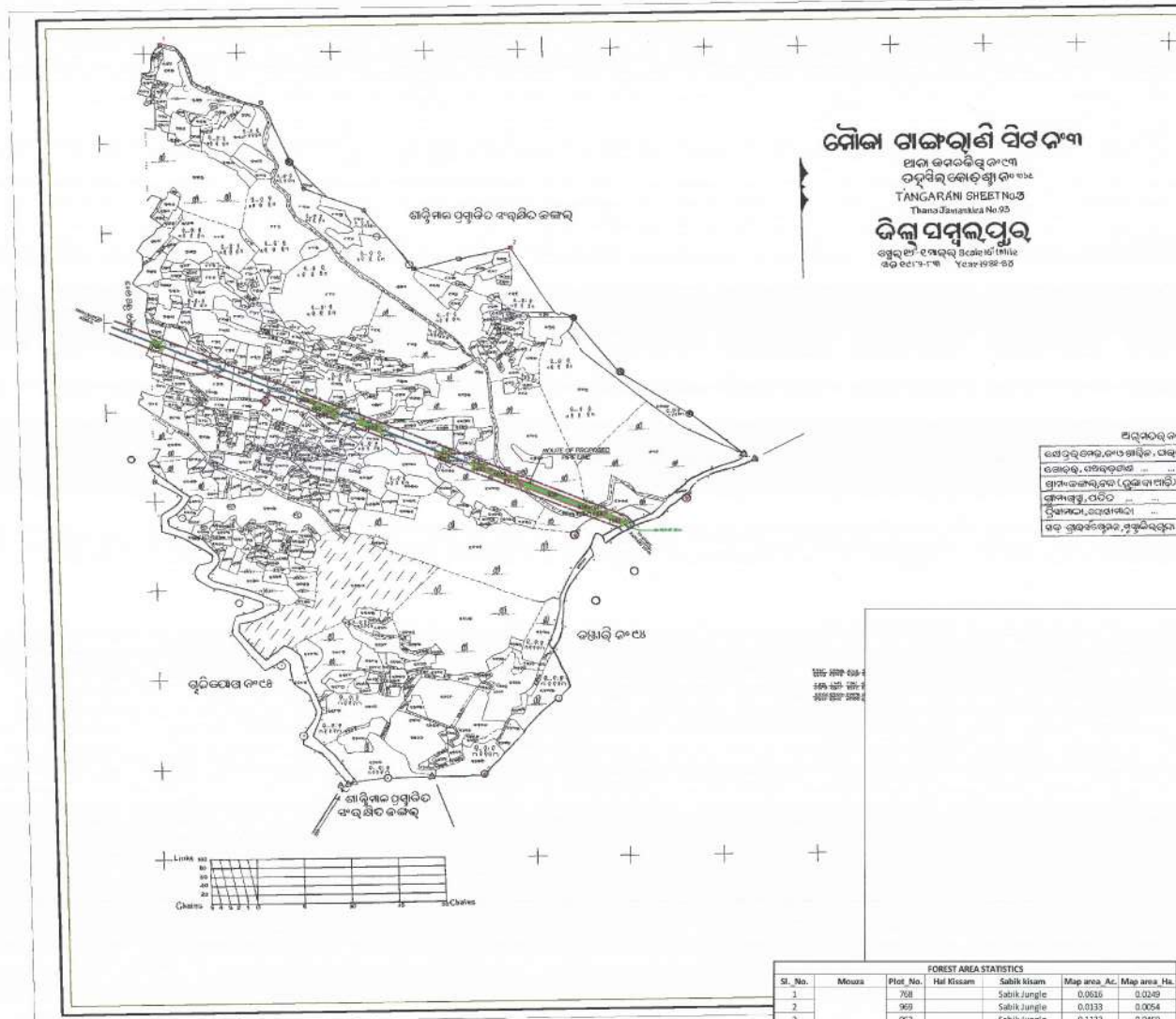
DGPS SURVEYED CO-ORDINATES OF POINTS

POINT_ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	234660.441	2389543.005	84°26'14.43732"	21°35'21.13096"
2	234668.56	2389549.523	84°26'14.71566"	21°35'21.34710"
3	235021.626	2389078.853	84°26'27.25096"	21°35'06.24220"
4	235013.991	2389072.368	84°26'26.98942"	21°35'06.02740"
5	235195.748	2388880.497	84°26'33.41347"	21°34'59.88991"
6	235202.303	2388887.979	84°26'33.63692"	21°35'00.13652"
7	235813.582	2388600.217	84°26'55.03741"	21°34'51.11204"
8	235818.064	2388609.056	84°26'55.18809"	21°34'51.40164"
9	235930.81	2388471.257	84°26'59.18341"	21°34'46.98407"
10	235937.14	2388478.35	84°26'59.39927"	21°34'47.21793"

FOREST AREA

SL.NO.	AREA_AC	AREA_HA
1	4.1630	1.6847

GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA - TANGARANI SHEET-3, JAMANKIRA TAHASIL, SAMBALPUR DIST.



Legend

-  DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
 DERIVED CO-ORDINATES
 FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	232485.456	2392158.713	84°24'57.36388"	21°36'44.95397"
2	233219.617	2391690.669	84°25'23.14374"	21°36'30.14186"
3	233853.878	2391122.487	84°25'36.12790"	21°36'11.84343"
4	232695.759	2391353.457	84°25'05.13603"	21°36'18.90249"
5	233146.599	2390007.592	84°25'21.28790"	21°36'51.66089"
6	233346.455	2391041.322	84°25'27.92467"	21°36'09.11092"

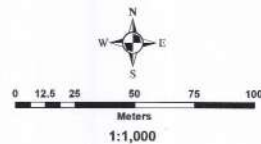
POINT-ID	DERIVED CO-ORDINATES OF POINTS			
	EASTING	NORTHING	LONGITUDE	LATITUDE
1	232456.644	2391493.214	84°25'56.7358E	21°32'02.9872N
2	232463.599	2391495.204	84°25'56.8121E	21°32'03.3882N
3	232476.687	2391498.419	84°25'57.4457E	21°32'03.2020N
4	232475.400	2391483.325	84°25'45.7100E	21°32'03.2020N
5	232479.195	2391474.193	84°25'43.5410E	21°32'02.7000N
6	232475.899	2391466.780	84°25'40.5621E	21°32'01.7600N
7	232476.996	2391460.000	84°25'39.8000E	21°32'01.7600N
8	232500.263	2391349.907	84°25'58.5884E	21°32'01.8400N
9	232504.257	2391354.416	84°25'58.9105E	21°32'01.6800N
10	232591.205	2391338.184	84°25'58.7300E	21°32'01.4400N
11	232581.704	2391331.204	84°25'59.3682E	21°32'01.4400N
12	232587.799	2391326.400	84°25'59.0892E	21°32'01.5200N
13	232582.841	2391326.400	84°25'59.3213E	21°32'01.5200N
14	232682.616	2391326.400	84°25'59.3213E	21°32'01.5200N
15	232832.419	2391331.029	84°25'59.8974E	21°32'01.2400N
16	232835.300	2391338.362	84°25'59.9930E	21°32'01.4800N
17	232846.299	2391332.183	84°25'59.3778E	21°32'01.2400N
18	232840.945	2391330.856	84°25'59.5039E	21°32'01.2400N
19	232894.643	2391331.091	84°25'52.0489E	21°32'03.6300N
20	232892.744	2391331.091	84°25'52.0489E	21°32'03.6300N
21	232900.431	2391349.998	84°25'53.3873E	21°32'03.6300N
22	232938.466	2391277.818	84°25'53.6589E	21°32'06.5700N
23	232939.902	2391271.363	84°25'53.6589E	21°32'06.5700N
24	232953.888	2391230.313	84°25'52.6504E	21°32'05.0900N
25	232936.951	2391230.508	84°25'51.4574E	21°32'05.0900N
26	232937.833	2391231.837	84°25'51.8588E	21°32'05.2200N
27	232936.561	2391231.837	84°25'51.8588E	21°32'05.2200N
28	232973.316	2391193.313	84°25'53.3237E	21°32'04.9600N
29	232937.405	2391225.283	84°25'51.3186E	21°32'04.9600N
30	232913.016	2391205.339	84°25'50.2751E	21°32'04.3200N
31	232134.617	2391209.199	84°25'20.4671E	21°32'04.1470N
32	232158.364	2391200.149	84°25'21.2971E	21°32'04.1470N
33	232153.833	2391194.529	84°25'21.1437E	21°32'03.9800N
34	232153.523	2391194.529	84°25'21.1437E	21°32'03.9800N
35	232134.035	2391183.977	84°25'19.4550E	21°32'03.9800N
36	232232.495	2391163.978	84°25'23.1955E	21°32'03.0200N
37	232195.365	2391163.978	84°25'22.5931E	21°32'03.0200N
38	232128.174	2391174.881	84°25'23.3906E	21°32'01.8800N
39	232424.62	2391150.435	84°25'24.2550E	21°32'01.8800N
40	232568.749	2391106.833	84°25'28.6279E	21°32'01.9200N
41	232568.989	2391106.833	84°25'28.6279E	21°32'01.9200N
42	232184.382	2391094.382	84°25'29.1924E	21°32'01.9200N
43	232181.735	2391091.382	84°25'29.1204E	21°32'01.9200N
44	232181.735	2391088.749	84°25'29.5761E	21°32'01.9200N
45	232401.099	2391088.749	84°25'29.7886E	21°32'01.5200N
46	232418.932	2391083.787	84°25'30.4156E	21°32'01.6000N
47	232446.762	2391070.399	84°25'31.4915E	21°32'01.8400N
48	232446.762	2391070.399	84°25'31.4915E	21°32'01.8400N
49	232446.762	2391065.566	84°25'31.2901E	21°32'01.8400N

FOREST AREA STATISTICS						
Sl. No.	Measure	Plot No.	Half Ksiam	Sabit Ksiam	Map area, Ac.	Map area, ha
1		768		Sabit Jungle	0.0316	0.0249
2		909		Sabit Jungle	0.0133	0.0054
3		963		Sabit Jungle	0.1133	0.0459
4		1010		Sabit Jungle	0.0804	0.0323
5		1000		Jungle Layak Pu. Pa	0.1698	0.0678
6		961		Bada Jungle Layak	0.0197	0.008
7		1013		Sabit Jungle	0.0327	0.0011
8		1020		Sabit Jungle	0.1605	0.065
TANGARANI SH-3		1032		Sabit Jungle	0.0294	0.0119
		1005		Sabit Jungle	0.0452	0.0183
		1076	Jungle		0.1698	0.0768
		939		Sabit Jungle	0.4006	0.1595
		938	Jungle		0.0271	0.011
		1039	Jungle		0.0658	0.0266
14		1161	Jungle		0.1334	0.054
15		1037		Bada Jungle Layak	0.0348	0.0141
16					0.003	0.0013



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

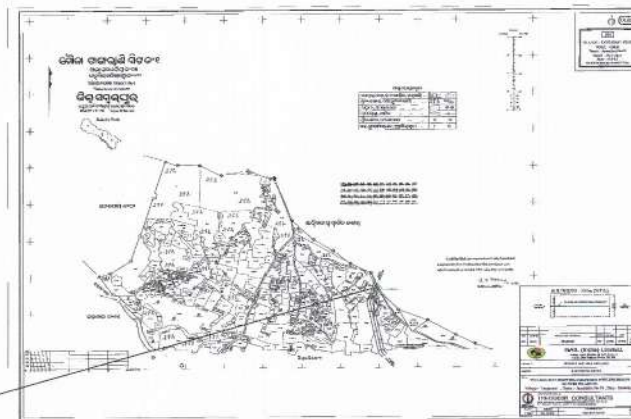
DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-TANGARANI SHEET-1, JAMANKIRA TAHASIL, SAMBALPUR DIST.



Legend

-  DGPS SURVEYED POINT
-  FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



DGPS SURVEYED CO-ORDINTES

POINT_ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	231741.721	2392503.003	21°36'55.73855"	84°24'31.32167"
2	231749.95	2392490.844	21°36'55.34794"	84°24'31.61463"
3	231741.728	2392467.887	21°36'54.59755"	84°24'31.34223"
4	231729.768	2392469.194	21°36'54.63353"	84°24'30.92592"
5	231731.61	2392446.074	21°36'53.88330"	84°24'31.00332"
6	231722.742	2392446.433	21°36'53.89016"	84°24'30.69494"
7	231716.732	2392429.028	21°36'53.32137"	84°24'30.49621"
8	231729.741	2392428.600	21°36'53.31452"	84°24'30.94849"

FOREST AREA STATISTICS

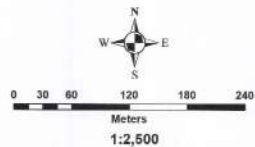
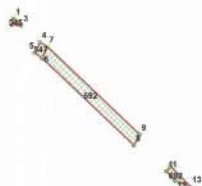
SL_NO	MOUZA	PLOT_NO	SABIK KISAM	MAP AREA_AC.	MAP AREA_HA.
1	TANGARANI	258	BADA JUNGLE	0.0876	0.0354
2	SH-1	265	SABIK JUNGLE	0.0475	0.0192



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



DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-TANGARANI SHEET-2, JAMANKIRA TAHASIL, SAMBALPUR DIST.



14
5670
880

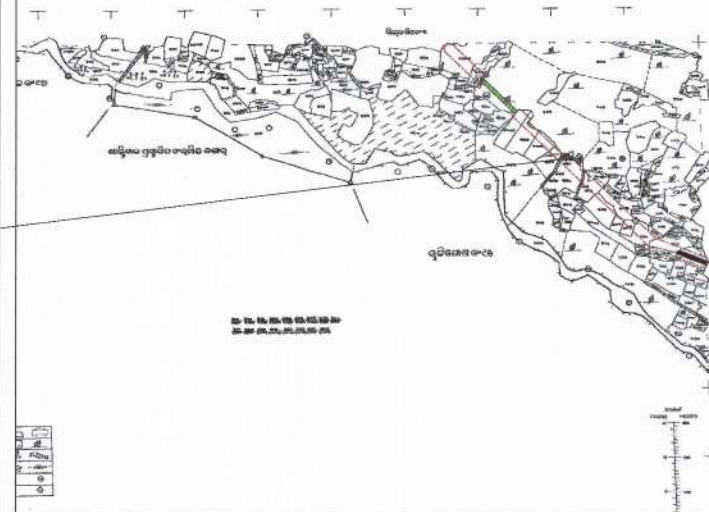


FOREST AREA STATISTICS					
POINT_ID	VILLAGE, NA	PLOT NO	HAL KISAM	SABIR KISAM	MAP AREA, AC. MAP AREA, HA.
1	TANGARANI SH-2	545		SABIR JUNGLE	0.0075 0.0031
2		547		SABIR JUNGLE	0.0260 0.0107
3		552	JUNGLE		0.4942 0.1986
4		577		SABIR JUNGLE	0.0397 0.0161
5		663		JUNGLE LAYAK	0.2432 0.0980
6		578		BADA JUNGLE LAYAK	0.0040 0.0016

Legend

- DGPS SURVEYED POINT
- FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



DGPS SURVEYED CO-ORDINATES

POINT_ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	231832.865	2392068.619	84°24'34.74026"	21°36'41.67367"
2	231831.03	2392062.059	84°24'34.68030"	21°36'41.45952"
3	231840.14	2392061.38	84°24'34.99724"	21°36'41.44239"
4	231857.622	2392043.807	84°24'35.61486"	21°36'40.88088"
5	231852.265	2392032.982	84°24'35.43497"	21°36'40.52625"
6	231859.416	2392027.169	84°24'35.68681"	21°36'40.34122"
7	231864.493	2392038.948	84°24'35.85642"	21°36'40.72669"
8	231946.761	2391935.433	84°24'38.77487"	21°36'37.40777"
9	231952.614	2391946.408	84°24'38.97189"	21°36'37.76755"
10	231982.009	2391912.93	84°24'40.01267"	21°36'36.69565"
11	231977.983	2391907.988	84°24'39.87561"	21°36'36.53289"
12	231986.2	2391898.097	84°24'40.16686"	21°36'36.21595"
13	232000.64	2391891.793	84°24'40.67226"	21°36'36.01893"
14	232072.217	2391818.313	84°24'43.20181"	21°36'33.67012"
15	232065.158	2391808.94	84°24'42.96196"	21°36'33.36174"
16	232072.503	2391799.96	84°24'43.22237"	21°36'33.07392"
17	232082.688	2391807.594	84°24'43.57187"	21°36'33.32747"
18	232075.476	2391802.188	84°24'43.32440"	21°36'33.14794"
19	232081.529	2391799.483	84°24'43.53626"	21°36'33.06331"
20	232076.445	2391797.723	84°24'43.36066"	21°36'33.00335"
21	232386.363	2391531.703	84°24'54.28289"	21°36'24.52717"
22	232375.906	2391525.549	84°24'53.92312"	21°36'24.32158"
23	232458.333	2391487.323	84°24'56.80920"	21°36'23.12403"
24	232463.132	2391499.002	84°24'56.96921"	21°36'23.50609"



ODISHA SPACE APPLICATIONS CENTRE
(Dept. of Science & Technology, Govt. of Odisha)
600030 Bhubaneswar, Odisha-751005

GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA - BANJARI, JAMANKIRA TAHASIL, SAMBALPUR DIST.



0 105 210 420 630 840

Meters

1:3,960

Legend

- DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
- DERIVED CO-ORDINATES
- FOREST PATCH

DGPS SURVEYED GEO-REFERENCE CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
2	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
3	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
4	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
5	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
6	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"

DERIVED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
2	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
3	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
4	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
5	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
6	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
7	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
8	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
9	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
10	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
11	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
12	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
13	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
14	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
15	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
16	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
17	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
18	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
19	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
20	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
21	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
22	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
23	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
24	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
25	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
26	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
27	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
28	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
29	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
30	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
31	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
32	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
33	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
34	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
35	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
36	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
37	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
38	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
39	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
40	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
41	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
42	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
43	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
44	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
45	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
46	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
47	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
48	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
49	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
50	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
51	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
52	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
53	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
54	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
55	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
56	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
57	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
58	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
59	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
60	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
61	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
62	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
63	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
64	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
65	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
66	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
67	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
68	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
69	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
70	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
71	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
72	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
73	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
74	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
75	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
76	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
77	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
78	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"
79	233032.768	2390503.168	84°25'17.33551"	21°35'51.45582"
80	233816.355	2391202.361	84°25'44.15900"	21°36'14.59623"
81	234837.809	2390169.821	84°26'20.24107"	21°35'41.59322"
82	233921.333	2389712.482	84°25'48.66174"	21°35'26.24177"
83	233529.217	2390678.043	84°25'34.48366"	21°35'57.40521"
84	234047.916	2390045.982	84°25'52.86827"	21°35'37.14613"

Sl. No.	Area	Plot No.	Sub Area	Sub Plot	Map Area (Ac.)	Map Area (Ha.)
1	135	135	135	135	0.0000	0.0000
2	136	136	136	136	0.0000	0.0000
3	137	137	137	137	0.0000	0.0000
4	138	138	138	138	0.0000	0.0000
5	139	139	139	139	0.0000	0.0000
6	140	140	140	140	0.0000	0.0000
7	141	141	141	141	0.0000	0.0000
8	142	142	142	142	0.0000	0.0000
9	143	143	143	143	0.0000	0.0000
10	144	144	144	144	0.0000	0.0000
11	145	145	145	145	0.0000	0.0000
12	146	146	146	146	0.0000	0.0000
13	147	147	147	147	0.0000	0.0000
14	148	148	148	148	0.0000	0.0000
15	149	149	149	149	0.0000	0.0000
16	150	150	150	150	0.0000	0.0000
17	151	151	151	151	0.0000	0.0000
18	152	152	152	152	0.0000	0.0000
19	153	153	153	153	0.0000	0.0000
20	154	154	154	154	0.0000	0.0000
21	155	155	155	155	0.0000	0.0000
22	156	156	156	156	0.0000	0.0000
23	157	157	157	157	0.0000	0.0000
24	158	158	158	158	0.0000	0.0000
25	159	159	159	159	0.0000	0.0000
26	160	160	160	160	0.0000	0.0000
27	161	161	161	161	0.0000	0.0000
28	162	162	162	162	0.0000	0.0000
29	163	163	163	163	0.0000	0.0000
30	164	164	164	164	0.0000	0.0000

OFFICE OF THE APPLICATOR
Office of the Surveyor General
Office of the Surveyor General
Office of the Surveyor General



**GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION
FOR NATURAL GAS PIPELINE
OF GAIL (INDIA) LTD IN MOUZA BADABHALUCHUAN SHEET-1, JAMNKIRA TAHASIL, SAMBALPUR DIST.**

ମୌଜା ବଡ଼ଭଲୁଚୁଆଁ ଶିଟ୍ ନଂ ୧

ଥାନା ଜମିନିରାଜି ନଂ ୧୧୯
ବଡ଼ଭଲୁଚୁଆଁ ମୁଞ୍ଚା ନଂ ୧୧୯

BADABHALUCHUAN SHEET No.1

Thana Jamnkira No.119

ଜିଲ୍ଲା ସମ୍ବଲପୁର

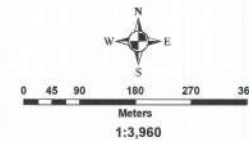
ବଡ଼ଭଲୁଚୁଆଁ ମୁଞ୍ଚା ନଂ ୧୧୯
ବଡ଼ଭଲୁଚୁଆଁ ମୁଞ୍ଚା ନଂ ୧୧୯

Year 1988-89

Index to Sheets



ମୌଜା ବଡ଼ଭଲୁଚୁଆଁ ଶିଟ୍ ନଂ ୧
ଥାନା ଜମିନିରାଜି ନଂ ୧୧୯
ବଡ଼ଭଲୁଚୁଆଁ ମୁଞ୍ଚା ନଂ ୧୧୯
ଜିଲ୍ଲା ସମ୍ବଲପୁର
ବଡ଼ଭଲୁଚୁଆଁ ମୁଞ୍ଚା ନଂ ୧୧୯
ବଡ଼ଭଲୁଚୁଆଁ ମୁଞ୍ଚା ନଂ ୧୧୯



Legend

	DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
	DERIVED CO-ORDINATES
	FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	235446.168	2388471.154	84°26'42.34677"	21°34'46.72253"
2	236535.265	2387987.5	84°27'20.45717"	21°34'31.58630"
3	237042.315	2389436.118	84°27'37.25093"	21°35'18.92663"
4	237678.759	2388691.565	84°27'59.78395"	21°34'55.07015"
5	236809.574	2388553.362	84°27'29.66568"	21°34'50.11897"
6	236101.862	2388361.681	84°27'05.18817"	21°34'43.51454"

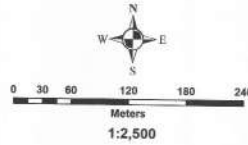
DERIVED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	235931.245	2388471.684	84°26'59.19828"	21°34'46.99818"
2	235969.741	2388432.169	84°27'00.55812"	21°34'46.73469"
3	235974.817	2388440.983	84°27'00.72944"	21°34'46.02379"
4	235936.229	2388479.18	84°26'59.36958"	21°34'47.24445"
5	236006.229	2388405.074	84°27'01.84149"	21°34'44.87368"
6	236026.516	2388372.475	84°27'02.56446"	21°34'43.82520"
7	236013.514	2388373.531	84°27'02.11219"	21°34'43.85261"
8	235997.849	2388398.674	84°27'01.55367"	21°34'44.66125"
9	236042.012	2388326.456	84°27'03.12897"	21°34'42.33813"
10	236046.307	2388340.305	84°27'03.27031"	21°34'42.79042"
11	236080.618	2388282.327	84°27'04.49525"	21°34'40.92473"
12	236006.593	2388284.138	84°27'04.00699"	21°34'40.97613"
13	236076.466	2388269.741	84°27'04.35820"	21°34'40.51356"
14	236087.207	2388270.619	84°27'04.73082"	21°34'40.54782"
15	236098.249	2388252.249	84°27'05.12486"	21°34'39.95677"
16	236088.362	2388250.829	84°27'04.78222"	21°34'39.90537"
17	236099.893	2388232.187	84°27'05.19339"	21°34'39.30574"
18	236099.419	2388237.972	84°27'05.17363"	21°34'39.49347"
19	236107.264	2388238.129	84°27'05.44609"	21°34'39.50276"
20	236125.225	2388211.213	84°27'06.08537"	21°34'38.63770"
21	236112.909	2388211.942	84°27'05.65707"	21°34'38.65484"
22	236139.113	2388185.942	84°27'06.58220"	21°34'37.82393"
23	236125.303	2388191.306	84°27'06.09938"	21°34'37.99090"
24	236157.098	2388137.753	84°27'07.23439"	21°34'36.26765"
25	236163.715	2388137.296	84°27'07.46451"	21°34'36.25634"
26	236165.077	2388145.183	84°27'07.50734"	21°34'36.51332"
27	236172.079	2388136.105	84°27'07.75575"	21°34'36.22208"
28	236169.863	2388136.42	84°27'07.67861"	21°34'36.23115"
29	236210.562	2388067.282	84°27'09.13178"	21°34'34.00621"
30	236196.163	2388068.835	84°27'08.63066"	21°34'34.04904"
31	236161.27	2388128.985	84°27'07.38430"	21°34'35.98497"

Forest Area statistics

Sl. No.	Mouza	Plot No.	Map Sheet	Subdiv. Name	Map area, Hc.	Map area, Ha.
1		462		Jungle	0.382	0.9511
2		463		Barren land	0.042	0.0000
3		464		Barren land	0.004	0.0004
4		465		Barren land	0.004	0.0004
5		466		Barren land	0.004	0.0004
6		467		Barren land	0.004	0.0004
7		468		Barren land	0.004	0.0004
8		469		Barren land	0.004	0.0004
9		470		Barren land	0.004	0.0004
10		471		Barren land	0.004	0.0004
11		472		Barren land	0.004	0.0004
12		473		Barren land	0.004	0.0004
13		474		Barren land	0.004	0.0004

DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-JUNADIHI, JAMANKIRA TAHASIL, SAMBALPUR DIST.

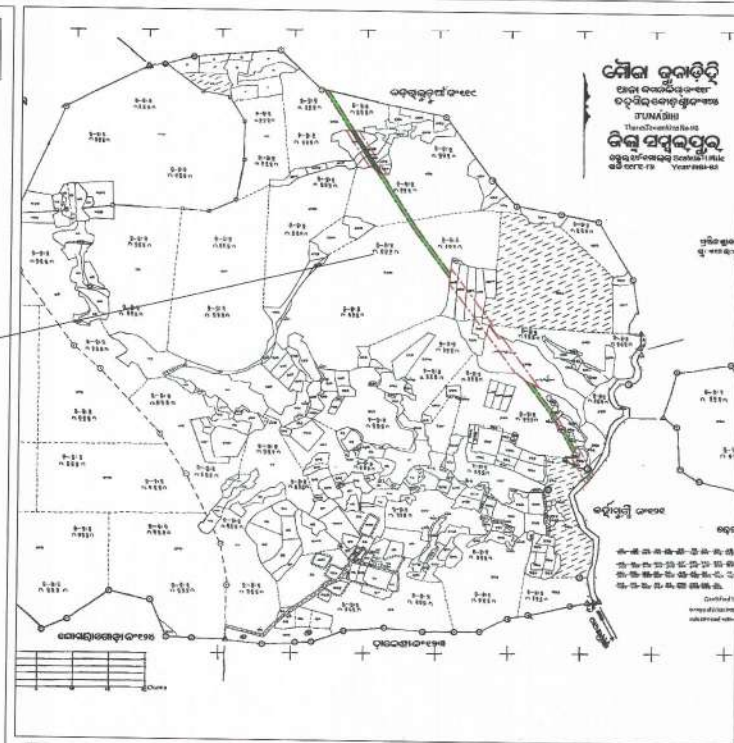


FOREST AREA STATISTICS					
SL. NO.	MOUZA	PUTT. NO.	SERIAL	SAMBI KIRAN	
1	132				
2	145				
3	217				
4	238				
5	130				
6	137				
7	135				
8	148				
9	148				
10	148				
11	147				
12	129				

Legend

- DGPS SURVEYED POINT
- FOREST PATCH

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



DGPS SURVEYED CO-ORDINATES				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	236196.929	2388068.753	84°27'08.65732"	21°34'34.04676"
2	236209.033	2388067.447	84°27'09.07855"	21°34'34.01076"
3	236267.475	2387953.099	84°27'11.17379"	21°34'30.32623"
4	236278.562	2387952.588	84°27'11.55926"	21°34'30.31552"
5	236303.278	2387890.883	84°27'12.45292"	21°34'28.32363"
6	236312.226	2387897.844	84°27'12.75982"	21°34'28.55456"
7	236313.854	2387872.546	84°27'12.83074"	21°34'27.73340"
8	236318.39	2387876.428	84°27'12.98611"	21°34'27.86194"
9	236325.051	2387876.249	84°27'13.21761"	21°34'27.85968"
10	236328.618	2387845.193	84°27'13.35917"	21°34'26.85243"
11	236338.9	2387852.722	84°27'13.71209"	21°34'27.10256"
12	236346.785	2387837.588	84°27'13.94599"	21°34'26.61498"
13	236342.998	2387824.395	84°27'13.87056"	21°34'26.18428"
14	236354.323	2387822.799	84°27'14.26487"	21°34'26.13844"
15	236427.42	2387681.875	84°27'16.88424"	21°34'21.59809"
16	236437.024	2387682.791	84°27'17.21736"	21°34'21.63298"
17	236539.032	2387512.415	84°27'20.85770"	21°34'16.15094"
18	236540.304	2387527.433	84°27'20.89338"	21°34'16.63960"
19	236627.421	2387401.72	84°27'23.99099"	21°34'12.60095"
20	236625.589	2387383.956	84°27'23.93745"	21°34'12.02274"
21	236643.976	2387377.304	84°27'24.57991"	21°34'11.81930"
22	236744.034	2387213.408	84°27'28.14873"	21°34'06.54381"
23	236761.782	2387203.944	84°27'28.77062"	21°34'06.24571"
24	236813.148	2387126.813	84°27'30.59871"	21°34'03.76663"
25	236810.55	2387114.361	84°27'30.51553"	21°34'03.36066"
26	236815.703	2387105.229	84°27'30.69970"	21°34'03.06666"
27	236824.409	2387097.280	84°27'31.00663"	21°34'02.81327"
28	236829.657	2387104.874	84°27'31.18463"	21°34'03.06250"
29	236842.735	2387060.004	84°27'31.66438"	21°34'01.61144"
30	236851.512	2387061.312	84°27'31.96852"	21°34'01.65858"
31	236877.068	2387010.184	84°27'32.88524"	21°34'00.01077"
32	236872.629	2387001.082	84°27'32.73619"	21°33'59.71267"
33	236914.605	2386934.967	84°27'34.23182"	21°33'57.58657"
34	236907.683	2386927.804	84°27'33.99540"	21°33'57.35015"
35	236913.299	2386915.377	84°27'34.19753"	21°33'56.94933"
36	236920.818	2386922.834	84°27'34.45451"	21°33'57.19561"

ଜମିନୀ ମାପ
JUNADIHI
JAMANKIRA
Tahasil
Sambalpur
Dist.

ପ୍ରମାଣିତ
ଦ୍ୱାରା

ଜମିନୀ ମାପ
JUNADIHI
JAMANKIRA
Tahasil
Sambalpur
Dist.

SPACE APPLICATION
Date: 9.12.2024
Sd/-



GOVERNMENT OF ODISHA
Office of Survey & Mapping, Govt. of Odisha
6013 (Patt.) Jayaprasth
Bhubaneswar

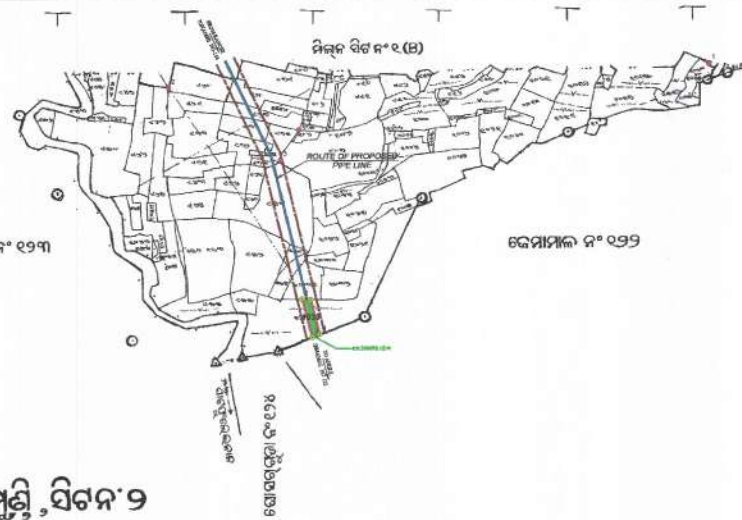
GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION FOR NATURAL GAS PIPELINE OF GAIL (INDIA) LTD IN MOUZA - BARHAMUNDI SHEET-2, JAMANKIRA TAHASIL ,SAMBALPUR DIST.



1:3,960

Legend

- DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
- DERIVED CO-ORDINATES
- FOREST PATCH



ମୈତ୍ରା ବର୍ଦ୍ଧମୁଣ୍ଡି, ପିଟନ-୨

ଥାନା ଜମାଦାରୀ ନଂ ୧୨୧
ବର୍ଦ୍ଧମୁଣ୍ଡି ଗ୍ରାମ ନଂ ୩୨୨
BARHAMUNDI SHEET No.2
Thana Jemakira No.121

ଜିଲ୍ଲା ସମ୍ବଲପୁର

ସ୍କେଲ୍-୧୨୦୦୦ Scale 1:12,000
୧୯୮୮-୮୯- Year 1988-89

ଆକାଶଚାରୀ ନମୁନା

ସେକ୍ଟର ନମ୍ବର, ନଂ ୧୫୫୫, ୧୫୫୬	...
କ୍ରମ ନମ୍ବର, ପିଟନ	...
ପ୍ରାଥମିକ, ଦ୍ୱିତୀୟାଂଶ	...
ସବ୍-ଡାଇଭିଜନ, ପ୍ରାଥମିକ	...

ପ୍ରକୃଷ୍ଟ ଶିକ୍ଷକ ନିର୍ଦ୍ଦେଶ

Certified that this is a copy of the map finally made as per the rule 23 of the 1980-81

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES				
Point_ID	Easting	Northing	Longitude	Latitude
1	237970.616	2386253.005	84°28'11.29991"	21°33'35.98520"
2	237122.3604	2386223.818	84°28'10.70169"	21°34'03.27622"
3	237296.0186	2386099.395	84°27'47.95379"	21°33'30.63737"
4	237325.4496	2386150.058	84°27'48.94745"	21°33'32.29919"

DERIVED CO-ORDINATES OF POINTS				
POINT-ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	237339.172	2385864.451	84°27'49.58559"	21°33'23.02588"
2	237325.618	2385865.001	84°27'49.11445"	21°33'23.03659"
3	237340.603	2385800.83	84°27'49.67125"	21°33'20.95932"
4	237352.4	2385805.91	84°27'50.07813"	21°33'21.13064"

FOREST AREA STATISTICS				
Sl.NO.	MOUZA	PLOT_NO	SABIK KISAM	MAP AREA, AC. MAP AREA, HA.
1	BARHAMUNDI SH 2	1093	BADA JUNGLE NALAIK	0.2001 0.0810



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

Legend

-  DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
 DERIVED CO-ORDINATES
 FOREST PATCH

POINT-ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	237318.516	2386503.39	21°33'43.7765"N	84°27'48.5068"E
2	237795.515	2386687.017	21°33'56.49454"N	84°28'04.85961"E
3	238734.363	2386658.459	21°33'49.56261"N	84°28'37.59967"E
4	237652.582	2387442.354	21°34'14.46425"N	84°27'59.58068"E
5	237302.929	2387144.403	21°34'04.59765"N	84°27'47.60275"E
6	237594.852	2386698.511	21°33'50.26316"N	84°27'57.99558"E

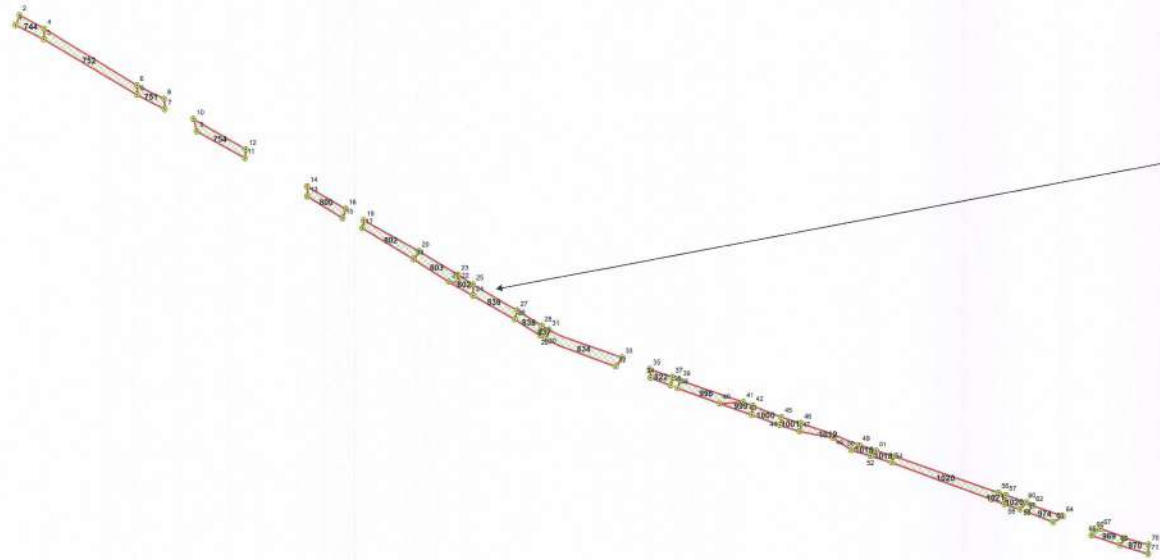
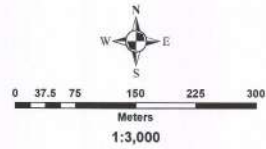
POINT-ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	236913.299	2386915.377	21°33'56.94933"	84°27'34.19753"
2	236917.835	2386910.031	21°33'56.77801"	84°27'34.35814"
3	236923.808	2386917.183	21°33'57.01358"	84°27'34.56159"
4	236920.818	2386922.834	21°33'57.19561"	84°27'34.45451"

Mouza	Plot_No.	Kissam	Map area_Ha
BARHAMUNDI Sh-1	583	JUNGLE	0.0065



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

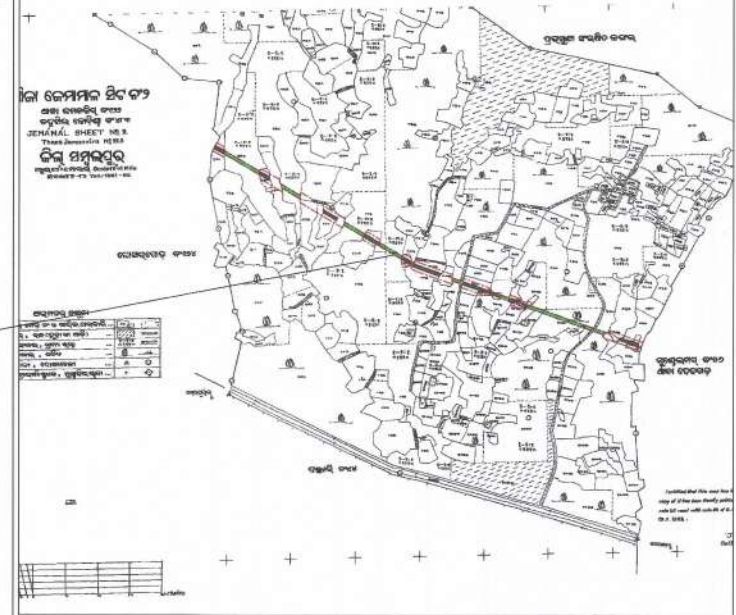
**DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-JEMAMAL SHEET-2, JAMANKIRA TAHASIL, SAMBALPUR DIST.**



Sl.No.	Mouza	Plot No.	Kissam	Map area, Ha.
1	JEMAMAL SH-2	1000	Jungle	0.1229
2		803	Sabik Jungle	0.0706
3		802	Jungle	0.1048
4		800	Sabik Jungle	0.0548
5		754	Jungle	0.0713
6		751	Sabik Jungle	0.0790
7		752	Jungle	0.1390
8		744	Sabik Jungle	0.0441
9		1001	Jungle	0.0244
10		1018	Jungle	0.0210
11		1016	Jungle	0.0195
12		1020	Jungle	0.0248
13		1021	Sabik Jungle	0.0136
14		969	Sabik Jungle	0.0395
15		970	Sabik Jungle	0.0344
16		974	Bada Jungle	0.0357
17		1012	Sabik Jungle	0.0484
18		998	Sabik Jungle	0.0681
19		999	Sabik Jungle	0.0298
20		1000	Sabik Jungle	0.0378
21		822	Jungle	0.0267
22		834	Sabik Jungle	0.1125
23		837	Jungle	0.0098
24		838	Sabik Jungle	0.0385
25		839	Jungle	0.0661

Legend

- DGPS SURVEYED POINT
- FOREST PATCH



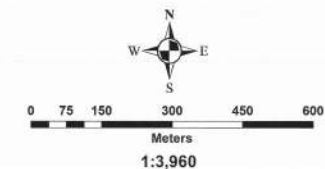
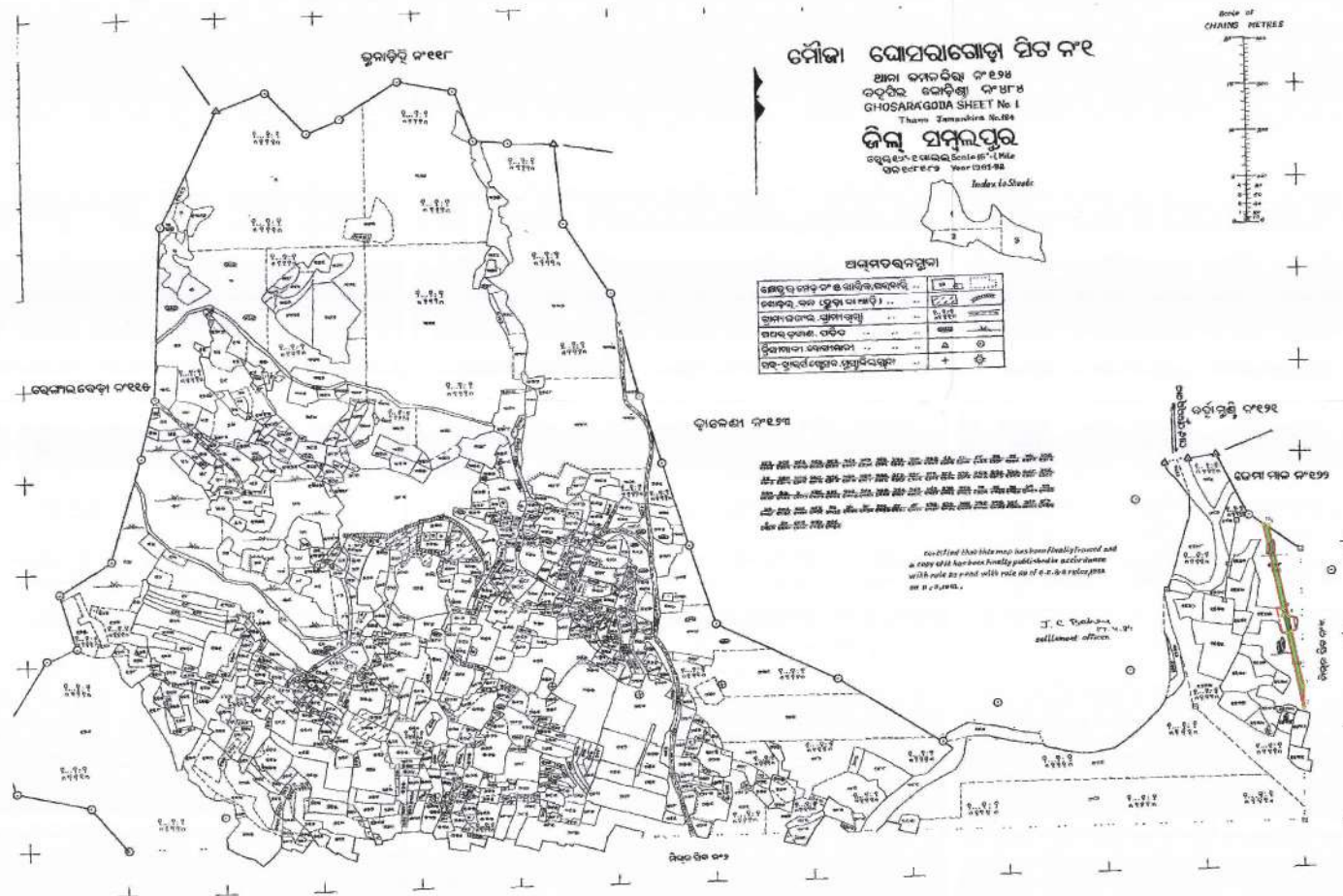
POINT-ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	238876.446	2384380.478	21°32'35.61541"	84°28'43.81736"
2	238881.571	2384392.416	21°32'36.00603"	84°28'43.98868"
3	238908.9	2384362.027	21°32'35.03292"	84°28'44.95493"
4	238909.907	2384375.508	21°32'35.47150"	84°28'44.98234"
5	239016.471	2384291.327	21°32'32.79204"	84°28'48.73085"
6	239016.465	2384303.137	21°32'33.17580"	84°28'48.72399"
7	239048.531	2384272.883	21°32'32.20955"	84°28'49.85471"
8	239047.953	2384285.968	21°32'32.63443"	84°28'49.82730"
9	239085.373	2384245.083	21°32'31.32553"	84°28'51.14990"
10	239081.669	2384260.116	21°32'31.81208"	84°28'51.01285"
11	239140.654	2384210.659	21°32'30.23593"	84°28'53.08926"
12	239142.211	2384221.6	21°32'30.59228"	84°28'53.13723"
13	239212.238	2384162.526	21°32'28.70946"	84°28'55.60254"
14	239212.187	2384174.654	21°32'29.10350"	84°28'55.59397"
15	239252.981	2384134.98	21°32'27.83572"	84°28'57.03307"
16	239256.615	2384146.257	21°32'28.20406"	84°28'57.15300"
17	239275.707	2384121.96	21°32'27.42455"	84°28'57.82972"
18	239277.344	2384131.687	21°32'27.74149"	84°28'57.88111"
19	239334.262	2384082.527	21°32'26.17390"	84°28'59.88557"
20	239340.835	2384092.438	21°32'26.49941"	84°29'00.10829"
21	239375.235	2384053.923	21°32'25.26590"	84°29'01.32467"
22	239386.577	2384053.74	21°32'25.26590"	84°29'01.71871"
23	239385.982	2384062.712	21°32'25.55715"	84°29'01.69301"
24	239403.153	2384036.311	21°32'24.70825"	84°29'02.30420"
25	239403.074	2384050.482	21°32'25.16868"	84°29'02.29349"
26	239451.136	2384006.482	21°32'23.76413"	84°29'03.98743"
27	239454.022	2384017.244	21°32'24.11534"	84°29'04.08165"
28	239482.794	2383997.867	21°32'23.50076"	84°29'05.09181"
29	239480.379	2383985.78	21°32'23.10673"	84°29'05.01471"
30	239486.471	2383961.2	21°32'22.96107"	84°29'05.22886"
31	239490.603	2383992.732	21°32'23.33801"	84°29'05.36592"
32	239567.542	2383946.15	21°32'21.86465"	84°29'08.06423"
33	239575.388	2383957.359	21°32'22.23299"	84°29'08.32978"
34	239607.858	2383931.845	21°32'21.42093"	84°29'09.47249"
35	239607.436	2383942.396	21°32'21.76397"	84°29'09.45193"

POINT-ID	EASTING	NORTHING	LATITUDE	LONGITUDE
36	239631.175	2383921.768	21°32'21.10569"	84°29'10.28798"
37	239633.511	2383932.064	21°32'21.44148"	84°29'10.36336"
38	239639.478	2383918.208	21°32'20.99434"	84°29'10.57837"
39	239642.008	2383928.289	21°32'21.32327"	84°29'10.66600"
40	239688.102	2383899.076	21°32'20.39814"	84°29'12.27787"
41	239715.551	2383900.532	21°32'20.45981"	84°29'13.23042"
42	239726.358	2383895.752	21°32'20.31016"	84°29'13.60842"
43	239725.071	2383884.147	21°32'19.93238"	84°29'13.57022"
44	239757.491	2383871.055	21°32'19.52393"	84°29'14.70357"
45	239759.625	2383881.038	21°32'19.84944"	84°29'14.77210"
46	239781.94	2383873.034	21°32'19.60102"	84°29'15.55161"
47	239780.295	2383862.78	21°32'19.26695"	84°29'15.50021"
48	239818.543	2383854.782	21°32'19.02710"	84°29'16.83309"
49	239849.059	2383844.537	21°32'18.71015"	84°29'17.89871"
50	239839.83	2383838.095	21°32'18.49600"	84°29'17.58176"
51	239868.419	2383836.844	21°32'18.47030"	84°29'18.57543"
52	239861.902	2383830.359	21°32'18.25615"	84°29'18.35271"
53	239890.168	2383829.697	21°32'18.24944"	84°29'19.34481"
54	239886.683	2383821.529	21°32'17.98218"	84°29'19.21831"
55	240002.137	2383774.329	21°32'16.50882"	84°29'23.25464"
56	240010.16	2383782.424	21°32'16.77608"	84°29'23.52875"
57	240018.436	2383779.44	21°32'16.68342"	84°29'23.81786"
58	240017.067	2383767.915	21°32'16.30823"	84°29'23.77674"
59	240034.941	2383761.769	21°32'16.11785"	84°29'24.40099"
60	240042.476	2383770.215	21°32'16.39025"	84°29'24.65797"
61	240043.53	2383758.309	21°32'16.00992"	84°29'24.70123"
62	240049.475	2383766.017	21°32'16.26347"	84°29'24.90339"
63	240073.112	2383745.18	21°32'15.59675"	84°29'25.73601"
64	240084.67	2383752.27	21°32'15.83517"	84°29'26.13348"
65	240117.637	2383727.948	21°32'15.06208"	84°29'27.29204"
66	240120.928	2383733.168	21°32'15.23340"	84°29'27.40339"
67	240128.128	2383736.215	21°32'15.33620"	84°29'27.65181"
68	240155.809	2383724.435	21°32'14.96786"	84°29'28.61977"
69	240150.482	2383715.294	21°32'14.68804"	84°29'28.49389"
70	240183.289	2383715.557	21°32'14.69374"	84°29'29.57917"
71	240182.852	2383703.701	21°32'14.30827"	84°29'29.57001"

Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



**GEO-REFERENCED MAP SHOWING FOREST LAND TO BE DIVERTED UNDER ANGUL FOREST DIVISION
FOR NATURAL GAS PIPELINE
OF GAIL (INDIA) LTD IN MOUZA GHOSARAGODA SHEET-1, JAMANKIRA TAHASIL, SAMBALPUR DIST.**



Legend

-  DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINT
 DERIVED CO-ORDINATES
 FOREST PATCH

DGPS SURVEYED GEO-REFERENCED CO-ORDINATES OF POINTS

POINT-ID	EASTING	NORTHING	LATITUDE	LONGITUDE
1	237289.567	2385771.362	21°33'19.97480"	84°27'47.91517"
2	236261.892	2385419.823	21°33'08.00733"	84°27'12.41841"
3	236106.143	2385282.695	21°33'03.46878"	84°27'07.08646"
4	234975.536	2385037.631	21°32'54.90395"	84°26'27.95619"
5	234917.771	2385503.015	21°33'09.99514"	84°26'25.68440"
6	235133.987	2386301.121	21°33'36.04381"	84°26'32.73947"

DERIVED CO-ORDINATES OF POINTS

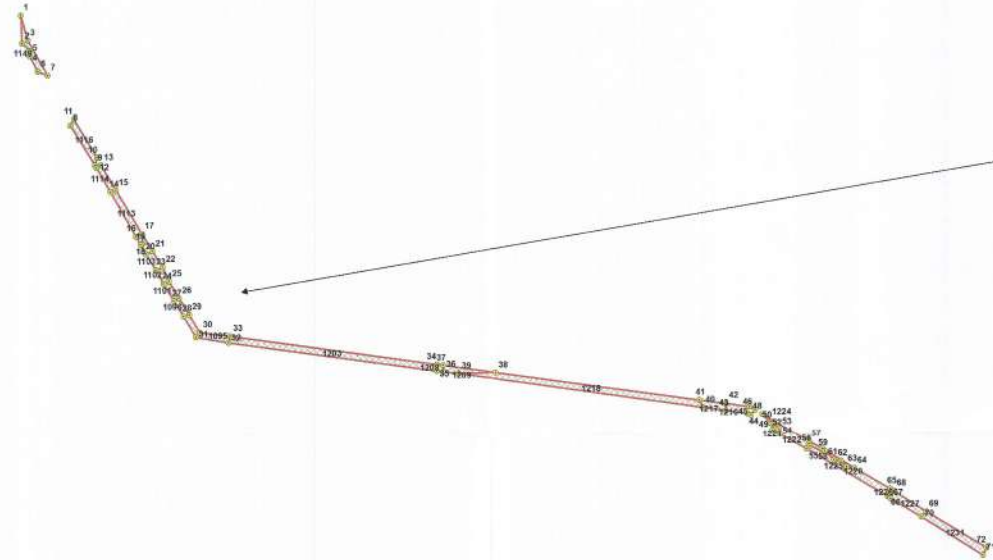
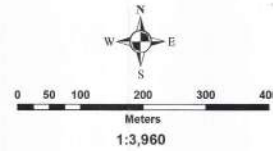
POINT_ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	237462.404	2385265.18	84°27'54.20467"	21°33'03.61819"
2	237463.402	2385220.348	84°27'54.26463"	21°33'02.16196"
7	237420.29	2385434.694	84°27'52.64607"	21°33'09.10418"
8	237426.427	2385432.947	84°27'52.86022"	21°33'09.05064"
5	237422.2	2385419.505	84°27'52.72102"	21°33'08.61163"
6	237434.22	2385419.31	84°27'53.13862"	21°33'08.61163"
3	237439.837	2385385.607	84°27'53.35277"	21°33'07.51946"
4	237430.235	2385382.798	84°27'53.02084"	21°33'07.42309"
9	237395.787	2385615.012	84°27'51.69310"	21°33'14.95052"
10	237385.384	2385619.795	84°27'51.32904"	21°33'15.10042"

FOREST AREA STATISTICS					
SL_NO.	MOUZA	PLOT_NO	KISAM	Map Area_Ac.	Map Area_Ha
1	GHOSARGADA SH-1	1148	JUNGLE	0.8069	0.3265



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

**DGPS SURVEYED MAP SHOWING FOREST LAND TO DIVERTED UNDER SAMBALPUR FOREST DIVISION
FOR NATURAL GAS PIPE LINE OF GAIL (INDIA) LTD IN MOUZA-GHOSARAGADA SH-3, JAMANKIRA TAHASIL, SAMBALPUR DIST.**



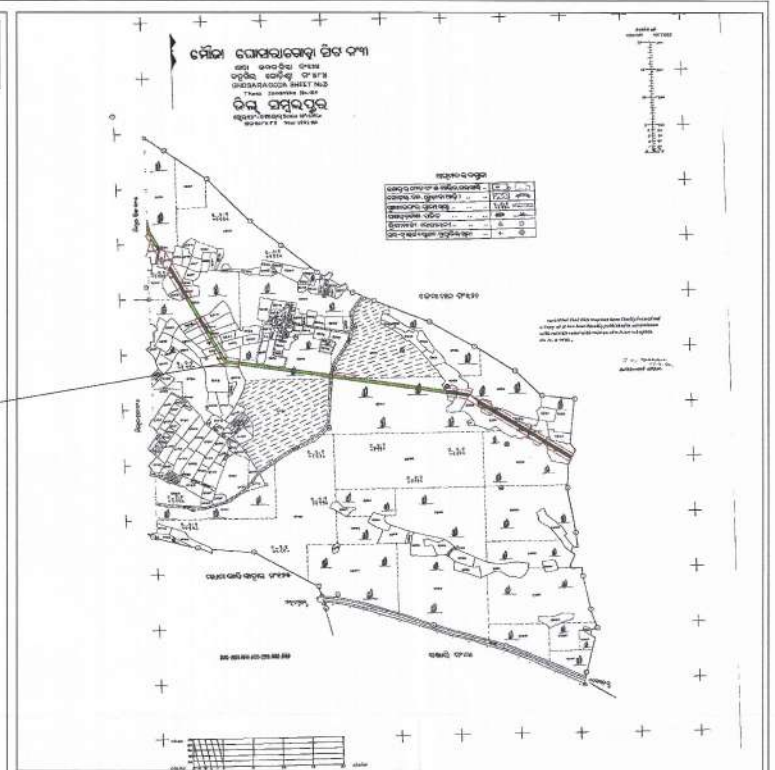
FOREST AREA STATISTICS				
Sl. No.	MOUZA	PLOT NO.	HAL KISAM : SARIK KISAM	MAP AREA, AC. MAP AREA, HA.
1		1149	JUNGLE	0.1702 0.0089
2		1116	BADA JUNGLE	0.1610 0.0062
3		1114	BADA JUNGLE	0.0904 0.0046
4		1113	JUNGLE	0.1788 0.0074
5		1106	BADA JUNGLE	0.0235 0.0095
6		1104	BADA JUNGLE	0.0585 0.0037
7		1103	JUNGLE	0.0783 0.0017
8		1102	BADA JUNGLE	0.0634 0.0057
9		1101	BADA JUNGLE	0.0676 0.0073
10		1098	BADA JUNGLE	0.0672 0.0054
11		1095	BADA JUNGLE	0.1906 0.0071
12		1203	JUNGLE	0.0319 0.0067
13	GHOSARAGADA	1206	BADA JUNGLE	0.0244 0.0099
14	SH-3	1209	BADA JUNGLE	0.1257 0.0059
15		1218	JUNGLE	0.0649 0.0030
16		1217	JUNGLE	0.1049 0.0024
17		1216	BADA JUNGLE	0.1133 0.0068
18		1214	JUNGLE	0.0151 0.0061
19		1221	JUNGLE	0.0235 0.0095
20		1222	JUNGLE	0.1757 0.0071
21		1223	JUNGLE	0.0267 0.0108
22		1220	JUNGLE	0.3549 0.1456
23		1225	JUNGLE	0.0090 0.0058
24		1226	JUNGLE	0.0173 0.0070
25		1227	BADA JUNGLE	0.1629 0.0069
26		1231	JUNGLE	0.3148 0.1274

Legend

- DGPS SURVEYED POINT
- FOREST PATCH



Disclaimer :DGPS Surveyed Co-ordinates have been generated for Boundary pillars/points as shown by Lessee/User Agency on the ground.



DGPS SURVEYED CO-ORDINATES									
POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	237462.404	2385265.18	84°27'54.20467"	21°33'03.61819"	37	238079.601	2384698.398	84°28'15.96184"	21°32'45.29674"
2	237463.402	2385220.348	84°27'54.26463"	21°33'02.16196"	38	238157.837	2384685.528	84°28'18.68646"	21°32'45.14977"
3	237471.866	2385225.219	84°27'54.55587"	21°33'02.32472"	39	238102.334	2384684.78	84°28'16.75910"	21°32'45.06023"
4	237474.805	2385208.827	84°27'54.66723"	21°33'01.79362"	40	238464.211	2384624.874	84°28'29.36192"	21°32'43.94219"
5	237474.422	2385200.398	84°27'54.65867"	21°33'01.51951"	41	238460.088	2384636.804	84°28'29.21201"	21°32'43.72566"
6	237486.096	2385175.164	84°27'55.07840"	21°33'00.70573"	42	238498.78	2384631.217	84°28'30.55902"	21°32'43.56448"
7	237500.791	2385168.862	84°27'55.59237"	21°33'00.50871"	43	238498.834	2384619.353	84°28'30.56759"	21°32'43.17000"
8	237532.905	2385088.308	84°27'56.75331"	21°32'57.90812"	44	238530.256	2384614.435	84°28'31.66172"	21°32'43.03573"
9	237566.46	2385024.145	84°27'58.02422"	21°32'55.84189"	45	238535.736	2384611.71	84°28'31.85360"	21°32'42.93177"
10	237571.643	2385036.758	84°27'58.12792"	21°32'56.25352"	46	238541.984	2384619.834	84°28'32.06604"	21°32'42.71903"
11	237538.215	2385098.035	84°27'56.93224"	21°32'58.22700"	47	238533.874	2384624.637	84°28'31.78164"	21°32'42.59681"
12	237570.748	2385019.638	84°27'58.10651"	21°32'55.68673"	48	238552.742	2384612.944	84°28'32.44366"	21°32'42.09912"
13	237577.234	2385024.537	84°27'58.32904"	21°32'55.85995"	49	238565.808	2384597.443	84°28'32.90612"	21°32'42.00288"
14	237590.781	2384981.417	84°27'58.82391"	21°32'54.46536"	50	238568.437	2384598.437	84°28'32.99587"	21°32'42.53994"
15	237598.842	2384984.252	84°27'59.10231"	21°32'54.56173"	51	238571.764	2384599.719	84°28'33.11171"	21°32'42.75998"
16	237627.235	2384910.307	84°28'00.13024"	21°32'52.17394"	52	238567.43	2384586.411	84°28'32.96865"	21°32'42.44465"
17	237635.94	2384924.779	84°28'00.43005"	21°32'52.32384"	53	238576.946	2384587.667	84°28'33.29845"	21°32'42.19044"
18	237636.553	2384898.189	84°28'00.46070"	21°32'51.78510"	54	238577.605	2384579.642	84°28'33.32586"	21°32'41.93007"
19	237633.871	2384897.073	84°28'00.36819"	21°32'51.74741"	55	238617.257	2384554.959	84°28'34.71599"	21°32'41.48855"
20	237641.878	2384881.774	84°28'00.65491"	21°32'51.25451"	56	238622.454	2384559.093	84°28'34.89516"	21°32'41.28990"
21	237651.566	2384886.098	84°28'00.98898"	21°32'51.40014"	57	238620.418	2384567.35	84°28'34.81978"	21°32'41.55316"
22	237666.45	2384861.076	84°28'01.52008"	21°32'50.59493"	58	238641.407	2384554.35	84°28'35.54361"	21°32'41.14156"
23	237655.775	2384856.768	84°28'01.15174"	21°32'50.44930"	59	238644.396	2384550.974	84°28'35.66182"	21°32'41.03363"
24	237667.081	2384834.214	84°28'01.55716"	21°32'49.72239"	60	238639.953	2384550.73	84°28'35.50763"	21°32'41.02335"
25	237675.332	2384838.087	84°28'01.84155"	21°32'49.85260"	61	238657.628	2384536.525	84°28'36.12953"	21°32'40.57197"
26	237689.499	2384811.39	84°28'02.34866"	21°32'48.99257"	62	238667.807	2384534.62	84°28'36.48417"	21°32'40.51483"
27	237681.93	2384806.978	84°28'02.08825"	21°32'48.84523"	63	238675.798	2384525.475	84°28'36.76685"	21°32'40.27777"
28	237695.834	2384782.304	84°28'02.58509"	21°32'48.05373"	64	238687.59	2384522.595	84°28'37.17802"	21°32'40.14545"
29	237704.26	2384784.894	84°28'02.87633"	21°32'48.13939"	65	238740.093	2384488.788	84°28'39.02063"	21°32'39.66340"
30	237713.44	2384748.787	84°28'03.21555"	21°32'46.97098"	66	238736.27	2384476.577	84°28'38.89469"	21°32'38.66424"
31	237761.644	2384739.408	84°28'04.89511"	21°32'46.69166"	67	238740.363	2384473.5	84°28'39.03856"	21°32'38.56611"
32	237764.286	2384750.24	84°28'04.98077"	21°32'47.04901"	68	238745.291	2384485.441	84°28'39.20303"	21°32'38.52752"
33	238070.521	2384700.125	84°28'15.64551"	21°32'45.57807"	69	238792.852	2384451.83	84°28'40.87384"	21°32'37.89003"
34	238069.734	2384689.593	84°28'15.62410"	21°32'45.23543"	70	238786.009	2384443.505	84°28'40.64085"	21°32'37.73192"
35	238079.233	2384687.859	84°28'15.95499"	21°32'45.18410"	71	238876.446	2384380.478	84°28'43.81736"	21°32'36.61541"
36					72	238881.571	2384392.416	84°28'43.98868"	21°32'36.06004"

