REVISED MAP SHOWING LAND FOR COMPENSATORY AFFORESTATION OVER 70.72 HA SUITABLE DEGRADED FOREST LAND WITHIN GURHIALI RESERVED FOREST (near san-Gurhiali, Luhuraberni and Jurajam) OF RAJGANGPUR FOREST RANGE (ROURKELA FOREST DIVISION) FOR DIVERSION OF 87.09 HA NON FOREST LAND RECORDED AS FOREST AS ON 25.10.1980 INSIDE 5.10 SQ MILES ML OF BOLANI ORES MINES ,M/s SAIL. Scale : 12,000

0 500 1,000 2,000 3,000 4,000 Meters

1:8,000

N W E S

SOI TOPOSHEET NO : F45G/8 & F45G/12

CO-ORDINATES AROUND 3.33HA DEGRADED FOREST LAND EXCLUDED FROM PATCH-3 OF GURHIALI RF AS AFFORESTED / PLANTATION AREA IN GOOGLE IMAGERY (MoEF Letter Dt

FID	LONGITUDE	LATITUDE
0	84°29'58.70"	22°11'36.82"
1	84°29'59.24"	22°11'36.78"
2	84°29'59.82"	22°11'36.67"
3	84°30'00.14"	22°11'36.28"
4	84°30'01.13"	22°11'35.93"
5	84°30'01.22"	22°11'35.56"
6	84°29'58.78"	22°11'35.17"
7	84°30'00.51"	22°11'33.50"
8	84°30'11.45"	22°11'08.11"
9	84°30'12.82"	22°11'36.66"
10	84°30'23.80"	22°11'35.80"
11	84°30'23.08"	22°11'38.15"
12	84°30'22.90"	22°11'39.70"
13	84°30'23.34"	22°11'39.95"
14	84°30'24.44"	22°11'40.63"
15	84°30'24.20"	22°11'41.32"
16	84°30'26.17"	22°11'41.42"
17	84°30'23.16"	22°11'42.29"
18	84°30'23.65"	22°11'41.89"
19	84°30'29.99"	22°11'42.07"
20	84°30'30.64"	22°11'41.57"
21	84°30'30.57"	22°11'41.40"
22	84°30'26.51"	22°11'40.49"
23	84°30'24.19"	22°11'39.70"
24	84°30'24.98"	22°11'39.44"
25	84°30'18.95"	22°11'43.98"
26	84°30'18.93"	22°11'41.82"
27	84°30'36.47"	22°11'42.25"
28	84°30'38.74"	22°11'42.32"
29	84°30'41.20"	22°11'42.36"
30	84°30'41.94"	22°11'42.36"
31	84°30'46.26"	22°11'42.11"
32	84°30'48.37"	22°11'42.09"
33	84°30'45.08"	22°11'41.86"
34	84°30'42.52"	22°11'41.75"
35	84°30'41.74"	22°11'41.74"
36	84°30'41.83"	22°11'41.59"
37	84°30'42.52"	22°11'40.54"
38	84°30'42.84"	22°11'40.34"
39	84°30'47.20"	22°11'39.30"
40	84°30'48.20"	22°11'39.42"
41	84°30'45.40"	22°11'39.98"
42	84°30'44.64"	22°11'39.05"
43	84°30'41.90"	22°11'39.01"
44	84°30'39.78"	22°11'39.88"

CO-ORDINATES AROUND ALTERNATE DEGRADED FOREST LAND IDENTIFIED IN GURHIALI RF AFTER EXCLUDING AFFORESTED / PLANTATION AREA (3.33 HA) WITHIN GARLIBIR IDENTIFIED LAND (PATCH-4)

PILLAR ID	LONGITUDE	LATITUDE
0	84°32'00.53"	22°12'52.98"
1	84°32'01.21"	22°12'51.62"
2	84°32'01.26"	22°12'51.43"
3	84°32'01.16"	22°12'51.66"
4	84°32'04.09"	22°12'52.40"
5	84°32'04.78"	22°12'53.25"
6	84°32'04.63"	22°12'53.42"
7	84°32'03.34"	22°12'49.92"
8	84°32'03.32"	22°12'49.16"
9	84°32'02.76"	22°12'49.06"
10	84°32'02.08"	22°12'49.92"
11	84°32'01.61"	22°12'49.29"
12	84°32'02.06"	22°12'48.84"
13	84°32'01.72"	22°12'48.77"
14	84°32'04.66"	22°11'48.44"
15	84°32'04.14"	22°11'48.63"
16	84°32'04.24"	22°11'48.56"
17	84°32'04.65"	22°11'48.47"
18	84°31'55.66"	22°12'48.82"
19	84°31'55.09"	22°12'47.69"
20	84°31'54.59"	22°12'48.43"
21	84°31'53.90"	22°12'48.08"
22	84°31'54.55"	22°12'45.72"
23	84°31'55.73"	22°12'45.68"
24	84°31'56.34"	22°12'45.25"
25	84°31'56.08"	22°12'47.81"
26	84°31'53.72"	22°12'45.68"
27	84°31'48.65"	22°12'47.56"
28	84°31'48.74"	22°11'49.40"
29	84°31'44.42"	22°11'47.58"
30	84°31'44.45"	22°11'46.98"
31	84°31'43.75"	22°12'46.93"
32	84°31'44.62"	22°12'47.98"
33	84°31'45.95"	22°12'47.51"
34	84°31'46.99"	22°12'45.43"
35	84°31'48.72"	22°12'45.31"
36	84°31'49.58"	22°12'45.78"
37	84°31'48.18"	22°12'42.76"
38	84°31'50.35"	22°12'37.87"
39	84°31'51.08"	22°12'37.24"
40	84°31'52.86"	22°12'35.49"
41	84°31'53.99"	22°12'35.25"
42	84°31'54.06"	22°12'34.13"
43	84°31'54.14"	22°12'33.96"
44	84°31'54.14"	22°12'35.75"
45	84°31'52.90"	22°12'35.72"
46	84°31'52.68"	22°12'37.90"
47	84°31'52.86"	22°12'38.55"
48	84°31'54.50"	22°12'48.70"
49	84°31'54.44"	22°12'49.38"
50	84°31'53.54"	22°12'49.81"
51	84°31'53.22"	22°12'51.32"
52	84°31'52.42"	22°12'51.29"
53	84°31'53.78"	22°12'53.21"
54	84°31'53.78"	22°12'53.47"
55	84°31'56.88"	22°12'49.63"
56	84°31'57.26"	22°12'49.49"
57	84°31'57.34"	22°12'53.55"
58	84°31'57.27"	22°12'53.57"
59	84°31'59.34"	22°12'53.65"
60	84°31'59.52"	22°12'52.22"
61	84°31'58.91"	22°12'52.27"

Legend

- Pillar ID around alternate Degraded Forest Land
- Pillar ID around Excluded Degraded Forest Land (3.33 Ha)
- Area Excluded From Patch -3 (excluded as plantation area asper directive of MoEF GOI)
- New patch of Degraded Forest land identified in Gurhiali RF
- Gudiai RF
- Area over 70.72 ha degraded forest land

Treament Plan

Pillar Points ---------- Graded Earthen Bundh

FIELD NOTES & AREA STATISTICS

FIELD CORDINATES AROUND ALOTTED PATCHES

FIELD CORDINATES AROUND PATCH-1

Pillar Points	EASTING	NORTHING	LONGITUDE	LATITUDE
0	238448.2553	2455653.158	84°27'48.10"	22°11'11.26"
1	238344.4387	2455636.237	84°27'44.49"	22°11'10.65"
2	238299.2634	2455619.113	84°27'42.92"	22°11'10.07"
3	237930.3812	2455538.98	84°27'30.10"	22°11'07.27"
4	237850.638	2455514.109	84°27'27.33"	22°11'06.42"
5	237362.2168	2455378.387	84°27'10.37"	22°11'01.74"
6	237328.111	2455434.137	84°27'09.15"	22°11'03.53"
7	237393.5451	2455472.01	84°27'11.41"	22°11'04.80"
8	237515.141	2455556.35	84°27'15.61"	22°11'07.61"
9	237600.8057	2455619.029	84°27'18.56"	22°11'09.69"
10	237609.8744	2455644.768	84°27'18.90"	22°11'10.56"
11	237711.6894	2455657.579	84°27'22.40"	22°11'11.00"
12	237730.4778	2455571.245	84°27'23.11"	22°11'08.21"
13	237816.5625	2455595.665	84°27'26.10"	22°11'09.05"
14	237804.2835	2455674.422	84°27'25.61"	22°11'11.60"
15	238321.3572	2455758.233	84°27'43.61"	22°11'14.60"
16	238365.2779	2455778.106	84°27'45.14"	22°11'15.27"
17	238517.5123	2455800.969	84°27'50.43"	22°11'16.10"
18	239027.045	2455888.352	84°28'08.16"	22°11'19.22"
19	239435.4041	2455992.367	84°28'22.35"	22°11'22.82"
20	240081.9283	2456137.677	84°28'44.82"	22°11'27.89"
21	240179.3176	2456160.135	84°28'48.20"	22°11'28.67"
22	240469.8884	2456206.889	84°28'58.31"	22°11'30.35"
23	240600.3267	2456205.128	84°29'02.87"	22°11'30.36"
24	240787.8585	2456213.063	84°29'09.40"	22°11'30.72"
25	240905.495	2456225.837	84°29'13.50"	22°11'31.20"
26	241019.9811	2456255.986	84°29'17.48"	22°11'32.24"
27	241041.4199	2456264.651	84°29'18.22"	22°11'32.53"
28	241147.7245	2456237.866	84°29'21.95"	22°11'31.72"
29	241144.3721	2456270.57	84°29'21.81"	22°11'32.78"
30	241014.6629	2456389.071	84°29'17.22"	22°11'36.56"
31	241149.6168	2456395.894	84°29'21.92"	22°11'36.85"
32	241237.0246	2456401.448	84°29'24.97"	22°11'37.08"
33	241238.4792	2456383.859	84°29'25.03"	22°11'36.51"
34	241188.5931	2456337.714	84°29'23.31"	22°11'34.98"
35	241222.9589	2456289.904	84°29'24.54"	22°11'33.45"
36	241280.736	2456305.776	84°29'26.55"	22°11'34.00"
37	241333.9566	2456243.808	84°29'28.44"	22°11'32.01"
38	241292.1047	2456214.39	84°29'27.00"	22°11'31.03"
39	241112.318	2456199.37	84°29'20.73"	22°11'30.45"
40	241001.1381	2456159.406	84°29'16.88"	22°11'29.09"
41	240912.8089	2456143.135	84°29'13.80"	22°11'28.51"
42	240839.6119	2456137.968	84°29'11.25"	22°11'28.31"
43	240734.9914	2456117.566	84°29'07.62"	22°11'27.59"
44	240626.9319	2456131.344	84°29'03.84"	22°11'27.98"
45	240401.8208	2456118.715	84°28'55.99"	22°11'27.44"
46	240270.2534	2456091.838	84°28'51.42"	22°11'26.50"
47	240282.6734	2456002.177	84°28'51.90"	22°11'23.59"
48	240295.6738	2455961.832	84°28'52.38"	22°11'22.29"
49	240453.4038	2455991.143	84°28'57.86"	22°11'23.33"
50	240466.811	2455967.049	84°28'58.35"	22°11'22.55"
51	240479.2333	2455903.228	84°28'58.82"	22°11'20.48"
52	240353.837	2455871.971	84°28'54.46"	22°11'19.40"
53	240220.3505	2455839.61	84°28'49.82"	22°11'18.28"
54	240108.9279	2455813.868	84°28'45.95"	22°11'17.38"
55	240092.28	2455813.501	84°28'45.37"	22°11'17.38"
56	240030.5342	2455794.289	84°28'43.22"	22°11'16.70"
57	239992.1924	2455862.186	84°28'41.85"	22°11'18.89"
58	240216.7314	2455961.018	84°28'49.62"	22°11'22.22"
59	240197.1128	2455978.705	84°28'48.93"	22°11'22.79"
60	240140.8064	2455985.535	84°28'46.96"	22°11'22.98"
61	240117.9913	2456051.075	84°28'46.13"	22°11'25.09"
62	239791.0799	2455972.078	84°28'34.77"	22°11'22.35"
63	239528.9487	2455910.75	84°28'25.66"	22°11'20.22"
64	239157.0414	2455808.598	84°28'12.74"	22°11'16.70"
65	238981.2094	2455769.464	84°28'06.63"	22°11'15.33"
66	238740.3474	2455718.458	84°27'58.26"	22°11'13.54"
67	238680.7882	2455705.161	84°27'56.19"	22°11'13.08"
68	238579.1754	2455682.682	84°27'52.41"	22°11'12.27"
69	238528.926	2455670.278	84°27'50.91"	22°11'11.88"

FIELD CORDINATES AROUND PATCH-2

Pillar Points	EASTING	NORTHING	LONGITUDE	LATITUDE
0	241525.5309	2456351.627	84°29'35.05"	22°11'35.62"
1	241755.482	2456382.346	84°29'43.07"	22°11'36.74"
2	241777.3864	2456360.053	84°29'43.84"	22°11'36.12"
3	241794.5076	2456393.288	84°29'44.42"	22°11'37.12"
4	241850.6583	2456406.703	84°29'46.35"	22°11'37.58"
5	241817.8707	2456429.38	84°29'45.21"	22°11'38.30"
6	241814.0433	2456451.352	84°29'45.07"	22°11'39.01"
7	241838.1956	2456462.302	84°29'45.89"	22°11'40.36"
8	241888.4826	2456481.551	84°29'47.65"	22°11'40.03"
9	241932.5952	2456410.804	84°29'49.23"	22°11'37.74"
10	242027.2905	2456430.539	84°29'52.53"	22°11'37.80"
11	242129.316	2456380.281	84°29'56.11"	22°11'36.17"
12	242139.4498	2456362.157	84°29'56.46"	22°11'35.26"
13	242097.7085	2456152.936	84°29'55.02"	22°11'28.41"
14	242079.7117	2456373.939	84°29'54.38"	22°11'35.64"
15	242002.2928	2456362.233	84°29'51.69"	22°11'36.22"
16	242010.2548	2456288.729	84°29'52.01"	22°11'33.87"
17	241781.4359	2456281.989	84°29'44.03"	22°11'33.49"
18	241660.7393	2456275.952	84°29'39.83"	22°11'33.23"
19	241658.9431	2456297.815	84°29'39.75"	22°11'33.94"
20	241728.5337	2456304.502	84°29'42.17"	22°11'34.20"
21	241728.291	2456336.478	84°29'42.15"	22°11'35.17"
22	241528.4729	2456313.257	84°29'35.19"	22°11'34.37"

FIELD CORDINATES AROUND PATCH-3

Pillar Points	EASTING	NORTHING	LONGITUDE	LATITUDE
0	243378.0373	2456611.615	162°07'22.09"	22°11'45.08"
1	243483.1176	2456525.318	162°08'15.04"	22°11'42.28"
2	243533.8615	2456518.112	162°12'36.68"	22°11'42.10"
3	243587.7988	2456519.313	162°34'24.66"	22°11'42.04"
4	243657.626	2456511.795	162°48'44.31"	22°11'41.96"
5	243747.4507	2456504.485	162°58'44.12"	22°11'41.77"
6	243775.0783	2456501.589	162°09'40.69"	22°11'41.69"
7	243798.8664	2456483.714	162°21'27.59"	22°11'41.13"
8	243842.473	2456403.359	162°22'57.46"	22°11'38.54"
9	243818.5359	2456394.868	162°22'09.82"	22°11'38.25"
10	243801.9781	2456393.308	162°21'36.77"	22°11'38.19"
11	243760.805	2456448.846	162°20'12.64"	22°11'39.97"
12	243724.8908	2456478.239	162°18'59.80"	22°11'40.91"
13	243662.5035	2456492.335	162°17'34.68"	22°11'41.34"
14	243611.2194	2456496.6	162°15'12.03"	22°11'41.44"
15	243516.8053	2456506.035	162°10'02.88"	22°11'41.70"
16	243450.4338	2456503.25	162°09'30.38"	22°11'41.57"
17	243468.6998	2456465.274	162°08'40.06"	22°11'40.35"
18	243601.2447	2456425.901	162°14'54.41"	22°11'39.14"
19	243664.8803	2456374.254	162°17'03.32"	22°11'37.50"
20	243576.449	2456308.714	162°14'08.68"	22°11'35.37"
21	243435.1895	2456394.109	162°08'23.49"	22°11'38.02"
22	243402.1062	2456383.832	162°08'17.69"	22°11'37.69"
23	243388.8265	2456383.653	162°07'51.15"	22°11'37.68"
24	243354.8758	2456420.085	162°06'42.08"	22°11'38.87"
25	243436.0958	2456420.12	162°09'24.45"	22°11'38.87"
26	243277.3752	2456453.458	162°07'25.96"	22°11'39.92"
27	243189.3664	2456504.702	161°59'28.47"	22°11'41.46"
28	242999.2335	2456478.347	161°54'48.19"	22°11'40.52"
29	242932.769	2456453.142	161°52'37.15"	22°11'39.67"
30	242954.4704	2456413.278	161°53'21.84"	22°11'38.39"

31	242890.2954	2456319.806	161°51'16.43"	22°11'35.32"
32	243075.1033	2456320.786	161°59'48.67"	22°11'35.34"
33	242827.7228	2456324.907	161°49'31.37"	22°11'35.45"
34	243810.1928	2456370.049	161°48'34.84"	22°11'36.90"
35	243777.5129	2456380.322	161°47'29.17"	22°11'37.22"
36	242713.395	2456350.891	161°45'21.06"	22°11'36.23"
37	242608.3796	2456373.072	161°41'51.29"	22°11'36.90"
38	242450.6875	2456375.275	161°36'35.98"	22°11'36.88"
39	242516.3623	2456382.058	161°37'07.88"	22°11'36.34"
40	242304.9064	2456387.217	161°31'45.80"	22°11'35.37"
41	242277.2643	2456337.03	161°30'50.55"	22°11'35.55"
42	242187.3464	2456381.055	161°27'50.64"	22°11'36.28"
43	242176.5853	2456381.657	161°27'27.81"	22°11'36.94"
44	242187.6581	2456459.008	161°27'47.39"	22°11'39.46"
45	242224.5737	2456505.586	161°29'01.97"	22°11'38.71"
46	242268.8566	2456401.662	161°30'31.61"	22°11'37.64"
47	242424.5417	2456411.877	161°35'42.50"	22°11'38.06"
48	242509.6682	2456417.333	161°37'53.45"	22°11'38.31"
49	242393.2702	2456402.244	161°41'20.13"	22°11'37.83"
50	242671.6213	2456383.976	161°43'57.03"	22°11'37.61"
51	242789.5406	2456398.148	161°47'32.62"	22°11'37.81"
52	242834.6602	2456466.094	161°48'20.59"	22°11'40.04"
53	242804.7074	2456469.55	161°48'17.31"	22°11'43.38"
54	242845.9154	2456982.298	161°47'39.27"	22°11'43.82"
55	242894.6807	2456658.705	161°53'17.54"	22°11'43.08"
56	242944.8007	2456672.603	161°52'37.27"	22°11'43.56"
57	242956.9658	2456521.669	161°53'23.27"	22°11'41.91"
58	243203.2464	2456582.295	162°01'33.63"	22°11'44.05"
59	243207.2017	2456613.586	162°01'40.50"	22°11'45.03"
60	243252.6123	2456624.363	162°03'10.91"	22°11'43.40"
61	243308.2068	2456623.798	162°09'02.26"	22°11'45.13"
62	243355.6545	2456613.867	162°05'52.29"	22°11'45.11"

AREA STATISTICS

Sl	PATCH	AREA in Hects
1	Patch-1	51.36
2	Patch-2	5.22
3	Patch-3	10.81
4	Patch-4	3.33
TOTAL AREA		70.72 Ha

Divisional Forest Officer
Rourkela Division

STEEL AUTHORITY OF INDIA LIMITED
BOLANI ORES MINES (5.10 Sq Miles ML), KEONJHAR , ODISHA

REVISED MAP SHOWING SUITABLE DEGRADED FOREST LAND OVER 70.72 HA IN GURHIALI RF FOR CA