

**Clarification regarding mismatch of the area of the forest land applied for
and the area of the KML file**

The area of forest land to be diverted for non-forest use for Aherajore Irrigation Project is based on the RoR area, while the area of the KML is based on the DGPS survey. There is minor mismatch between the RoR area and DGPS surveyed area which is already certified by ORSAC (copy enclosed).


Executive Engineer
lb Investigation Division
Sundargarh



ODISHA SPACE APPLICATIONS CENTRE (ORSAC)

Department of Science & Technology, Government of Odisha

No.: 221102

Date: 1/8/15

To

The Divisional Forest Officer
Jharsuguda Forest Division
Jharsuguda, Odisha.

Sub: Authentication of maps showing forest areas proposed for diversion by
Aherajore Barrage at Deoghara in Jharsuguda district.

Ref: Your Office Letter No.1298 Dt.26.05.2015.

Sir,

With reference to above, it is to inform you that the submitted DGPS surveyed map showing forest areas proposed for diversion by Aherajore Barrage at Deoghara in Jharsuguda district as shown in the submitted maps has been verified by ORSAC and certified that the maps are correct at a confidence level of 95%. All the forest areas proposed for diversion comes in fifteen cadastral sheets (twelve revenue villages) and one patch of R.F. (Burhapahar R.F.). Total forest areas proposed for diversion works out to 14.695Ha. includes 14.433Ha. revenue forest area and 0.262Ha. R.F. area from the submitted .shp files against the mentioned 14.275Ha. revenue forest area in the submitted land schedule. Detail village/plot wise statistics of forest area proposed for diversion calculated from the submitted maps is attached here with.

Thanking you.

Yours faithfully,

(Ashok Mohapatra)
Scientist 'SC'

Encl: Sixteen hard copy maps.

Copy to: The Executive Engineer, IB Investigation Division, Sundargarh,
Odisha for information.

**STATISTICS OF FOREST AREA PROPOSED FOR DIVERSION BY AHERAJORE BARRAGE
IN JHARSUGUDA DISTRICT**

Sl. No.	Village Name	Plot No.	Forest Type	Alien. Area_Ha.	Map Area_Ha.
1	Baunsenpali_S2	882(P)	Patra Jungle/DLC	0.101	0.103
2	Baunsenpali_S2	983(P)	DLC	0.105	0.107
3	Baunsenpali_S2	1087(P)	Patra Jungle	0.219	0.236
4	Bhaunrachaka	300(P)	Gramya Jungle	0.04	0.043
5	Bhaunrachaka	301(P)	Gramya Jungle	0.008	0.008
6	Bhaunrachaka	304(P)	Gramya Jungle	0.073	0.074
7	Bhaunrachaka	305(P)	Gramya Jungle	0.049	0.047
8	Bhaunrachaka	308(P)	Gramya Jungle	0.036	0.035
9	Bijapali	589(P)	Gramya Jungle	0.004	0.004
10	Bijapali	663	Gramya Jungle	0.012	0.008
11	Chhuinkhanch	21(P)	DLC	0.214	0.223
12	Debdarha_S2	252	Jungle	0.081	0.083
13	Debdarha_S2	205(P)	Jungle	0.66	0.663
14	Debdarha_S2	216(P)	Jungle	0.004	0.002
15	Debdarha_S2	230(P)	Jungle	0.077	0.081
16	Debdarha_S2	235(P)	Japti Jungle	1	1.065
17	Debdarha_S2	251	Jungle	0.105	0.124
18	Debdarha_S2	236(P)	Jungle	1.016	0.975
19	Debdarha_S2	237(P)	Japti Jungle	0.227	0.218
20	Debdarha_S2	238(P)	Japti Jungle	0.635	0.649
21	Gobindpur_S1	212(P)	DLC	0.328	0.334
22	Gobindopur_S2	407(P)	Bad Jungle	0.158	0.154
23	Gobindopur_S2	760(P)	Bada Jungle	0.186	0.189
24	Kuremal_S1	48(P)	Gramya Jungle	0.101	0.091
25	Kuremal_S1	62(P)	Gramya Jungle	0.077	0.074
26	Kuremal_S1	63	Gramya Jungle	0.061	0.073
27	Kuremal_S1	64	Gramya Jungle	0.097	0.122
28	Kuremal_S1	65(P)	Gramya Jungle	0.077	0.077
29	Mahasinga	26(P)	Gramya Jungle	0.158	0.177
30	Mahasinga	67(P)	Gramya Jungle	0.17	0.176
31	Mahasinga	39(P)	Gramya Jungle	0.291	0.287
32	Sagarpali_S1	153(P)	Gramya Jungle	0.101	0.108
33	Sagarpali_S1	1302(P)	Gramya Jungle	0.008	0.002
34	Sagarpali_S1	1305(P)	Gramya Jungle	0.008	0.002
35	Sagarpali_S1	1304(P)	Gramya Jungle	0.073	0.061
36	Sagarpali_S1	1249(P)	Gramya Jungle	0.008	0.024
37	Sagarpali_S1	1311(P)	Gramya Jungle	0.012	0.021
38	Sagarpali_S1	1317(P)	Gramya Jungle	0.04	0.037
39	Sagarpali_S1	1313(P)	Gramya Jungle	0.008	0.010
40	Sagarpali_S1	1251(P)	Gramya Jungle	0.134	0.134
41	Sagarpali_S1	1316(P)	Gramya Jungle	0.004	0.002
42	Sagarpali_S1	1309(P)	Gramya Jungle	0.004	0.008
43	Sagarpali_S1	206(P)	Sabik Kisam Jungle	0.073	0.062
44	Samarbaga_S1	1(P)	Gramya Jungle	0.045	0.048
45	Samarbaga_S2	110(P)	Gramya Jungle	0.065	0.062
46	Samarbaga_S2	114(P)	Gramya Jungle	0.016	0.018

Sl_No.	Village_Name	Plot_No.	Forest_Type	Alien_Area_Ha.	Map Area_Ha.
47	Samarbaga_S2	115(P)	Gramya Jungle	0.085	0.026
48	Samarbaga_S2	117(P)	Gramya Jungle	0.146	0.169
49	Samarbaga_S2	118(P)	Gramya Jungle	0.389	0.405
50	Samarbaga_S2	791(P)	Gramya Jungle	0.065	0.066
51	Samarbaga_S2	119(P)	Gramya Jungle	0.004	0.005
52	Samarbaga_S2	122(P)	Gramya Jungle	0.166	0.164
53	Samarbaga_S2	123(P)	Gramya Jungle	0.105	0.110
54	Samarbaga_S2	134(P)	Gramya Jungle	0.158	0.154
55	Samarbaga_S2	140(P)	Gramya Jungle	0.34	0.328
56	Samarbaga_S2	195(P)	Gramya Jungle	0.109	0.106
57	Samarbaga_S2	208(P)	Gramya Jungle	0.186	0.184
58	Samarbaga_S2	298(P)	Gramya Jungle	0.008	0.010
59	Samarbaga_S2	299(P)	Gramya Jungle	0.004	0.004
60	Samarbaga_S2	305(P)	Gramya Jungle	0.016	0.016
61	Samarbaga_S2	201(P)	Sabik Kisam Jungle	0.057	0.055
62	Samarbaga_S2	204(P)	Sabik Kisam Jungle	0.032	0.037
63	Samarbaga_S2	854(P)	Sabik Kisam Jungle	0.045	0.050
64	Samarbaga_S2	858(P)	Sabik Kisam Jungle	0.073	0.071
65	Samarbaga_S2	448(P)	Sabik Kisam Jungle	0.057	0.054
66	Samarbaga_S2	449(P)	Sabik Kisam Jungle	0.117	0.119
67	Sukhadihi_S2	731(P)	Bad Jungle	0.955	0.912
68	Sukhadihi_S3	743(P)	Bad Jungle	1.38	1.369
69	Sukhadihi_S3	744(P)	Bad Jungle	0.138	0.151
70	Sukhadihi_S3	784(P)	Bad Jungle	0.02	0.023
71	Sukhadihi_S3	785(P)	Bad Jungle	0.121	0.122
72	Sukhadihi_S3	835(P)	Bad Jungle	0.627	0.617
73	Sukhadihi_S3	740(P)	DLC	0.409	0.407
74	Sukhadihi_S3	742(P)	DLC	0.66	0.670
75	Telen	2(P)	DLC	0.834	0.927
(A) Total Revenue Forest Area Proposed For Diversion				14.275	14.433
1	(B) Burhapaharh R.F.				0.262
Total Forest Area Proposed For Diversion (A+B)					14.695