

Species wise Local and Scientific name of the trees present.

1	Sal	Shorea	Robusta
2	Barabakulia	Delbergia	paniculata
3	Chara	Buchanania	lanzan
4	Asan	<u>Terminalia</u>	<u>tomentosa</u>
5	Mahula	Madhuca	indica
6	Dhaura	Anogeissus	Latifolia
7	Rohini	Soymida	Febrifuga
8	Kendu	Diospyros	Melanoxylon
9	Bela	Aegle	marmelos
10	Harida	<u>Terminalia</u>	<u>chebula</u>
11	Jamu	Syzigium	cuminil
12	Khakada	Casearia	elliptica
13	Mai	Lanea	grandis
14	Halanda	Diospyros	montana
15	Bahada	Terminalia	bellerica
16	Neem	Azatirachda	Indica
17	Mahula	<u>Madhuca</u>	<u>indica</u>
18	Rohini	<u>Soymida</u>	<u>febrifuga</u>
19	Sal	Shorea	<u>robusta</u>

Divisional Forest Officer
Angul Division.

Divisional forest Officer
Angul Division

Consolidated Abstract of Tree Enumeration over Revenue Forest Land (1.16 Sample Plots @2Ha Each) of Uttkale Coal Block for Forest

Diversions Proposal of NALCO Ltd. Angul, Odisha

Sl NO	Name of Villages	Name of Tree	Girth 30-59 (in cm)		Girth 60-89 (in cm)		Girth 90-119 (in cm)		Girth 120-149 (in cm)		Girth 150-179 (in cm)		Girth 180-209 (in cm)		210 cm AND ABOVE		TOTAL S	TOTAL U	GRAND TOTAL S & U
			S	U	S	U	S	U	S	U	S	U	S	U	S	U			
1		SAL	1408	17	235	23	9	12	1	5							1653	57	1710
2		BARA BAKALIA	3		3		2										9		9
3		CHARA	198						1								201		201
4		ASAN	81	9	10	5	4	7									96	23	119
5		MAHULA	314	6	23	5	18	2	10	4	2						371	17	388
6		DHAURA	12	1				1									12	2	14
7		ROHINI	70	2	10			1	1								81	3	84
8		KENDU	41	12	24	17	11	4	11	4	3						93	37	130
9		BHALIA	7														7		7
10		HARIDA	1														1		1
11		CHAULI	6	1	1												7	1	8
12		JAMU	52	3	9	5	1	2		1							62	11	73
13		KHAKKADA	8														8		8
14		MAI	15		5			1	1								21	1	22
15		BELA	1														1		1
16		PATAMASU				2													2
17		HALADA	5		1	1											6	1	7
18		BAHADA	4	1		1											4	2	6
19		ARUNA	3	2													3	2	5
20		DHAURANJA	2														2		2
21		KATAKA	12	1	1	1											13	2	15
22		AMBA							1								1		1
23		GHUSTAMI	1														1		1
24		PIASAL	2														2		2
25		ANCHHU	3														3		3
26		VERU	3														3		3
27		GHUNTTULI	1		1												2		2
28		KURUMA	1														1		1
29		KARADA	3														3		3
30		NEEM	2														2		2
31		ASUNA																	4
32		KUSUM							1										1
33		PALASA			1														1
34		SUNARI	1														1		1
		TOTAL	2260	55	327	60	46	30	25	17	5	0	3	1	5	3	2671	166	2837

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Divisional Forest Officer
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Tahasildar,
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REVENUE INSPECTOR,
PAILHAMARAN

Forest Range Officer
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Tree Enumeration for Utkal-E Coal Block Of NALCO Ltd.

Abstract of Tree Enumeration Report of Revenue Forest (107.9416Ha.) in village Nandichhoda Graf Gopiballavpur (Over 9 Sample Plots) Of 2 Ha. Each

Sl. NO	Name of Tree	Girth 30-59 (in cm)		Girth 60-89 (in cm)		Girth 90-119 (in cm)		Girth 120-149 (in cm)		Girth 150-179 (in cm)		Girth 180-209 (in cm)		210 cm AND ABOVE		Nature of Tree	GRAND TOTAL S and U	
		S	U	S	U	S	U	S	U	S	U	S	U	S	U			
1	CHARA	5		5		5		5		5		5		5		S	111	
2	MAHULA	229	2	9	1	9	1	8		3	2					U	0	
3	ROHINI	40	1	6												S	267	
4	SAL	381	4	50	4	4	5	4	1	2						U	47	
5	CHALU	3	1													S	437	
6	JAMU	30	3	8	1	1	1	1		1						U	14	
7	ASAN	23	3	4	4	4	3	2								S	38	
8	KENDU	4	2	9	3	3	2	4		2						U	42	
9	VERU	3														S	31	
10	BHALA	1														U	40	
11	BARA BAKALIA	1		1				1								S	22	
12	GHUNTU	1		1												U	11	
13	ANCHHU	1														S	3	
14	KATKA	11														U	0	
15	MAI	7														S	11	
16	DHAURA	6	1													U	7	
17	KURUMA	1														S	6	
18	KARADA	3														U	1	
20	NEEM	2														S	3	
21	ASUNA															U	0	
22	KUSUM															S	2	
23	HALADA	2		1						1						U	4	
24	KHAKADA	3														S	0	
25	CHALU	2														U	3	
26	PALASA			1												S	2	
27	SUNARI	1														U	0	
	TOTAL	865	15	91	13	19	11	14	10	4	0	2	1	3	3	998	59	1051

Total no of trees found in 9 sample plots of 2 Ha. each i.e. over an area of 18 Ha. found to be 1051nos. So the presence of trees calculated in 1 Ha = $1051/18 = 58.39$ or say 58nos.
 Therefore the total nos of trees present in 107.9416 Ha. area will be $107.9416 \times 58.39 = 6302.71$ or say 6303nos.
 So the total no of trees found in village Nandichhoda Graf Gopiballavpur is 6303.

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 REVENUE INSPECTOR
 RAJHARAN

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Tree Enumeration for Utkal-E Coal Block Of NALCO Ltd.

Abstract of Tree Enumeration Report of Revenue Forest (19,7422 Ha) in village Gopinathpur (Over 2 Sample Plots) Of 2 Ha. Each

Sl. NO	Name of Tree	Girth 30-59 (in cm)		Girth 60-89 (in cm)		Girth 90-119 (in cm)		Girth 120-149 (in cm)		Girth 150-179 (in cm)		Girth 180-209 (in cm)		210 cm AND ABOVE		Nature of Tree		GRAND TOTAL S and U	
		S	U	S	U	S	U	S	U	S	U	S	U	S	U	S	U		
1	CHARA	5															5	U	13
2	MAHULA	13															13	U	0
3	HALADA		1															5	0
	TOTAL	19															19	0	1

Total no of trees found in 2 sample plots of 2 Ha. each i.e. over an area of 4 Ha. found to be 19nos. So the presence of trees calculated in 1 Ha. = 4.75 or say 5nos.

Therefore the total nos of trees present in 19,7422 Ha. area will be 19,7422 x 4.75 = 93.78 or say 94nos.

So the total no of trees found in village Gopinathpur is 94.

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