

Final Range-wise Monitoring Evaluation Report

Monitoring & Evaluation Report of Plantations of Tungarh Range, Kalebendi South Division

Sl No	Division	Range	Scheme	Date of Inspection	Year of Plantation	AR/ANR/BH/UTP No of Plants per Ha.	Area in Ha./Nos/ RKM	Nos of Seedling Planted	Survival %	Avg. height in cm	Remarks
1.	Kalebendi South Division	Tungarh	CAMP Aca	28/10/25	2025-26	AR	20 ha	32000 Nos.	100%		1) Species Wise 1) B. Siro - 140 2) Muc - 122 3) Gondro - 13 4) Jamun - 123 5) P. Hira - 167 6) Badara - 166 7) Dhamray - 128 8) Sula - 138 9) Ayra - 135 10) Tektu - 120 11) Hula - 90 12) B. A - 130 13) Nera - 123 14) Sindur - 123 15) Saja - 117

Signature of RFO of Range

Signature -

Range Officer

Name & designation of Range Officer

Date -

28/10/25

D. Rangan

Signature of Team leader

Signature -

Name & designation -

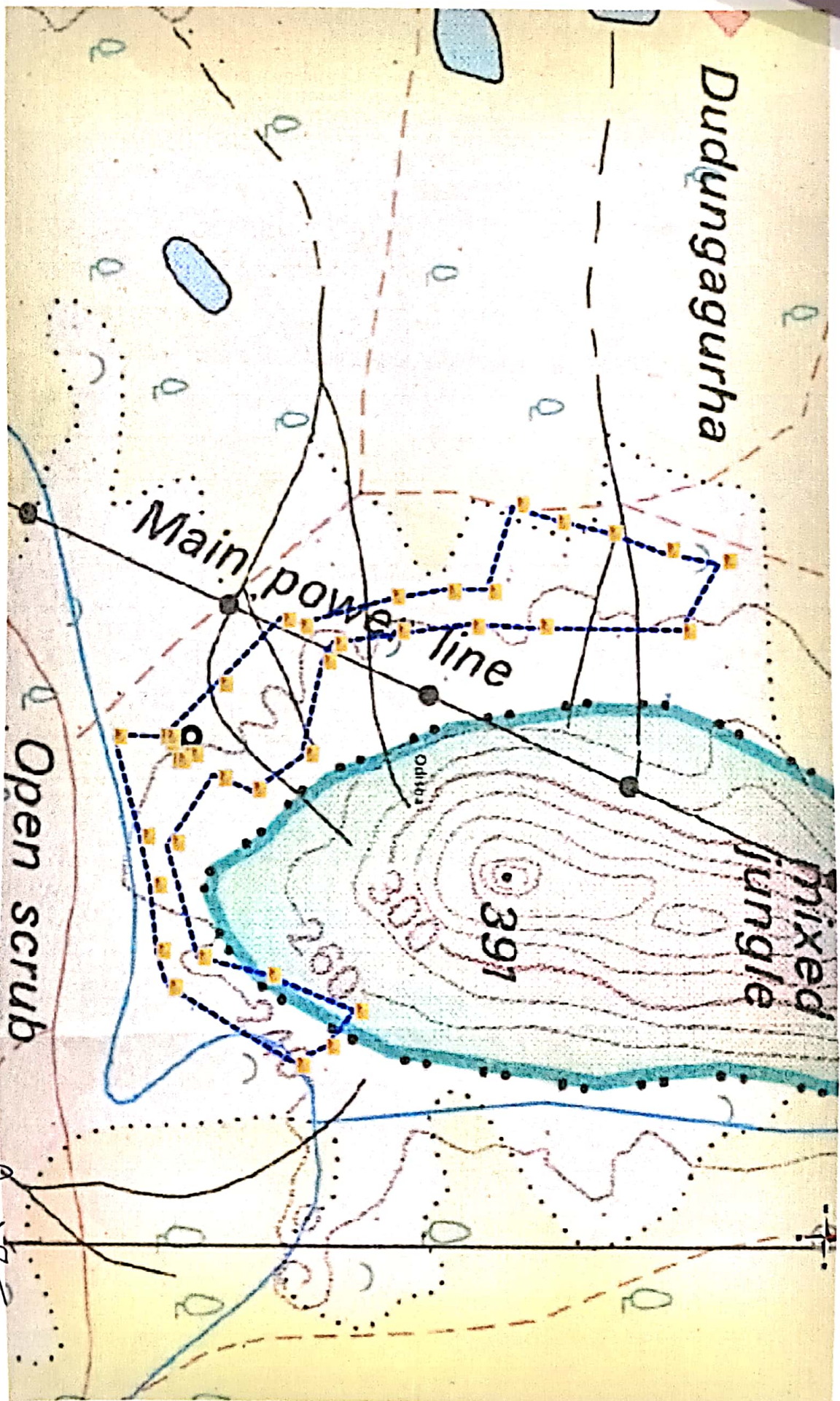
Date -

28.10.2025

Pranavjit Nair

AC

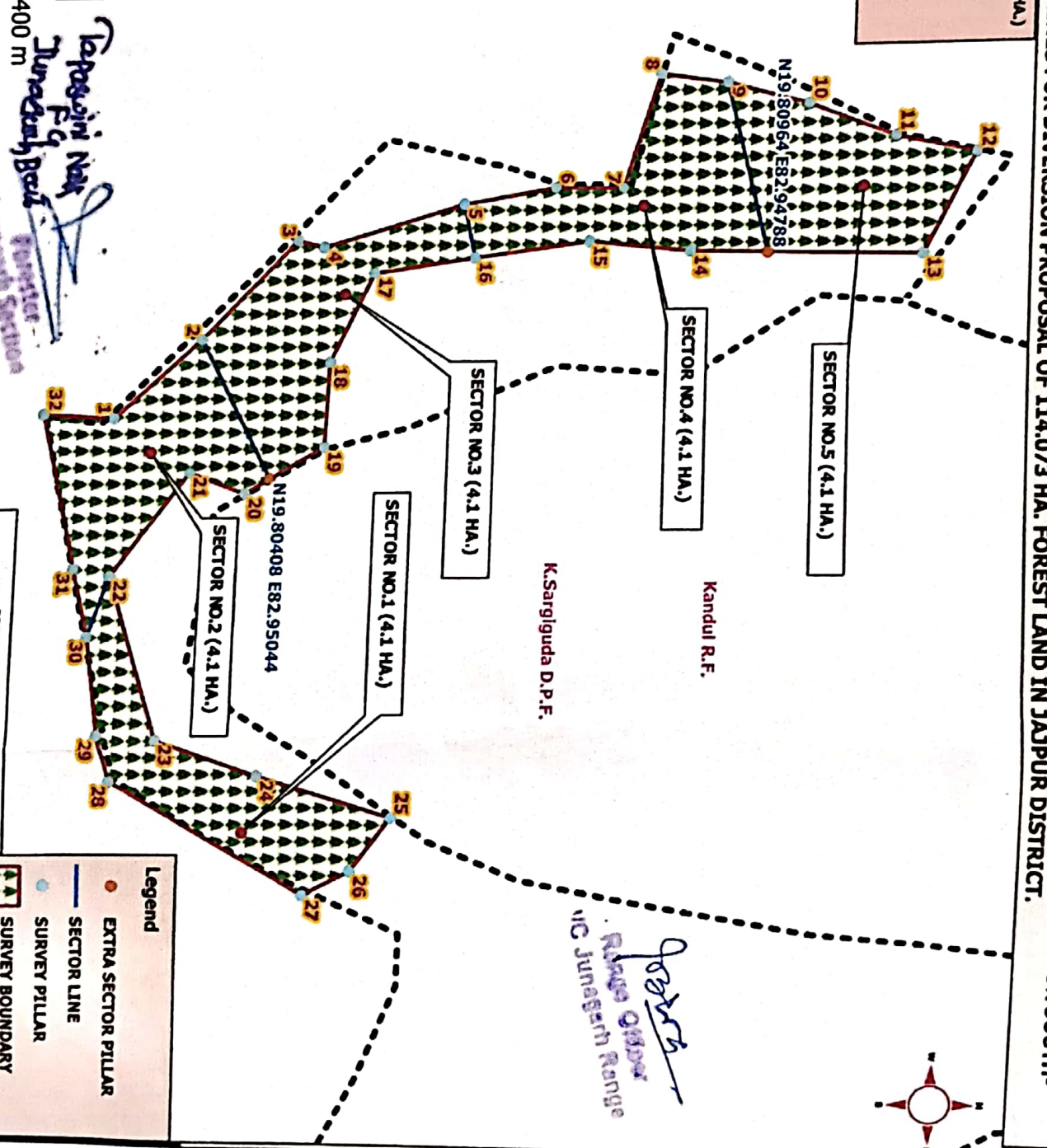
MAP OF AR BLOCK PLANTATION INSIDE KANDHSARGIGUDA DPF OVER 20 HA. UNDER CA
ACA 2025-26
SECTION-JUNAGARH, BEAT-JUNAGARH, RANGE-JUNAGARH



SELECTED FOR ADDITIONAL COMPENSATORY AFFORESTATION OVER 51 HA. DEGRADED FOREST LAND (DFL) IDENTIFIED IN KANDHA SARGIGUDA DPF
 OVER 20 HA. (AR PLANTATION @1600 PER HA.) IN JUNAGRH RANGE OF KALAHANDI SOUTH DIVISION IN FAVOUR OF DUMPING SITE FOR SOUTH-
 KALAPANI CHROMITE MINES FOR DIVERSION PROPOSAL OF 114.073 HA. FOREST LAND IN JAJPUR DISTRICT.

KANDHA SARGIGUDA AR PLANTATION @1600 PLANTS PER HA.)
 YEAR 2023-26 UNDER THE SCHEME-ACA
 OF THE DIVISION- KALAHANDI SOUTH FOREST
 OF THE RANGE- JUNAGARH
 OF THE SECTION- JUNAGARH
 OF THE BEAT- JUNAGARH
 CROSS AREA- 20.509 HA.
 NET AREA- 20 HA.
 SCALE- 1:5700

PILLAR NO	LONGITUDE	LATITUDE	LAT	LONG
1	E82 56 59.0	N19 48 08.2	19.802278	82.949722
2	E82 56 55.8	N19 48 11.7	19.80375	82.948833
3	E82 56 51.7	N19 48 15.5	19.804306	82.947694
4	E82 56 52.0	N19 48 16.6	19.804611	82.947778
5	E82 56 50.3	N19 48 22.3	19.806194	82.947306
6	E82 56 49.66	N19 48 26.04	19.807234	82.947128
7	E82 56 49.7	N19 48 28.8	19.808	82.947139
8	E82 56 45.0	N19 48 30.2	19.808389	82.945833
9	E82 56 45.4	N19 48 32.9	19.809139	82.945944
10	E82 56 46.3	N19 48 36.2	19.810056	82.946194
11	E82 56 47.7	N19 48 39.7	19.811028	82.946583
12	E82 56 48.4	N19 48 42.9	19.811917	82.946778
13	E82 56 52.5	N19 48 40.9	19.811361	82.947917
14	E82 56 52.3	N19 48 31.6	19.808778	82.947861
15	E82 56 51.87	N19 48 27.47	19.807631	82.947742
16	E82 56 52.5	N19 48 22.8	19.806333	82.947917
17	E82 56 53.1	N19 48 18.7	19.805194	82.948083
18	E82 56 56.8	N19 48 17.0	19.804722	82.949111
19	E82 57 00.3	N19 48 16.9	19.804694	82.950083
20	E82 57 02.2	N19 48 13.7	19.803806	82.950611
21	E82 57 01.3	N19 48 11.4	19.803167	82.950361
22	E82 57 05.5	N19 48 08.3	19.802306	82.951528
23	E82 57 12.2	N19 48 10.5	19.802917	82.953389
24	E82 57 13.7	N19 48 14.7	19.804083	82.953806
25	E82 57 15.4	N19 48 20.2	19.805611	82.954278
26	E82 57 17.6	N19 48 18.6	19.805167	82.954889
27	E82 57 18.6	N19 48 16.7	19.804639	82.955167
28	E82 57 13.9	N19 48 08.7	19.802417	82.953861
29	E82 57 12.0	N19 48 08.1	19.80225	82.953333
30	E82 57 08.0	N19 48 07.5	19.802083	82.952222
31	E82 57 05.2	N19 48 06.8	19.801898	82.951444
32	E82 56 58.8	N19 48 05.3	19.801472	82.949667



3

Format for Circle Level Monitoring & Evaluation of Plantation Programme under different Schemes for the year 2025-26 of Bhawanipatna Circle.

1. Date of Inspection : 28/10/2025
2. Name of the Division : Kalahandi South Division
3. Name of the Range : Junagarh Range
4. Name of the Section : Junagarh section
5. Name of the Beat : Junagarh Beat
6. Name of Site : K. Sargiguda DPF
7. Name of VSS & whether resolution available for taking up plantation : Dabiharan VSS
8. Name of the Scheme : CAMPA ACA
9. Name of the Plantation Component (Like AR/Bald Hill Plantation/ANR with gap / UTP/Avenue plantation etc.) : AR
10. Physical Target : 20ha
11. Area in Ha/RKM/Nos : 20ha
12. Land Status (with name of RF/PRF/VF etc.) : Kandhsargiguda DPF
13. Treatment Map : Yes
14. No. of panting patch : 5No
14. No of pillar posted in plantation site : 32No
16. Asset Id as per OFMS : 2025-143996
15. Species wise seedlings planted (As per the Plantation Journal)

Sl. No	Name of the species	No of plants planted	Sl. No	Name of the species	No of plants planted
1	Bali Sisoo	8410	11	Bahada	800
2	Pahadi Sisoo	7140	12	Sahay	1000
3	Jamu	3160	13	Kumbhi	200
4	Phasi	3530	14	Tentuli	250
5	Arjun	1800	15	Bija	620
6	Neem	1470	16	Mahul	200
7	Grambhari	600	17	Sala	200
8	Dhala Sirisha	670	18	Dhauranja	270
9	Kala Sirisha	630	19	Kusuma	50
10	Amla	700	20	Sindur	300
Total No. of Seedlings planted					

16. Survival percentage of seedlings - Average of 3 sample plots $\frac{100 + 100 + 100}{3} = 100\%$

17. Causality replacements done (Yes/No)

: Yes

- Plantation complete or incomplete : Complete
 Manuring done (Yes/No) : Yes done
 20. Fencing undertaken for AR/BHP/ANR around the planted area. : AR
 (i) Type of fencing- Wire-mesh/ barbed wire/ brush wood : barbed wire
 (ii) Length in mtr. : 4200
 21. Plantation Journal maintained (Yes/No) : Yes maintained
 22. GPS survey map of plantation done (Yes/No) : yes done
 23. Sign Board with details fixed (Yes/No) : Yes Fixed
 24. SMC works done :
 (Type of Infrastructure/Dimensions/ No. of Structure)
 25. Whether Pitting Register Maintained (Yes/No) : yes maintained
 26. Consolidated Drone Survey Pre-pitting (Yes/No) /Post Pitting (Yes/No)/ Post Planting (Yes/No)

Sl. No.	Species	Sample Plot 1	Sample Plot 2	Sample Plot 3	Cumulative Average Height (in CM)
		Average height (in CM)	Average height (in CM)	Average height (in CM)	
1	Bali Sisoo	222.2	196.9	152.5	190.5
2	Phasi	189.8	153.3	174.3	172.4
3	Grambhari	181.6	171.4		176.5
4	Jamu	143.7	110	113.6	122.4
5	Pahadi Sisoo	178.8	171.7	151.8	167.4
6	Bahada	105	108.3		106.6
7	Dhauranla	140	116		128
8	Sala	150	126		138
9	Aryun	175	117.5	114.1	135.5
10	Tentuli		120		120
11	Mahu		90		90
12	Bija		130		130
13	Neem		130	125	127.5
14	Sindur			173.3	173.3
15	Sahay			117.5	117.5
16					
17					
18					

Name & Signature of Evaluation Team

Name & Signature of Range Staff

1. Asst. Conservator of Forests,

Prasannajit Naik
[Signature]

1. Forest Range Officer,

[Signature]
Range Officer
I/C. Junagarh Range

2. Forest Range Officer,

2.

Forester Srikantha Pattanah (Pr)
Sunafash Section

3. Forester Kencorpa Banoth pr.
Sajay Kumar Mahi Pr.

Forest Guard Tapaswini Naik F.G
Junagarh Beat

4. Forest Guard Ajaya Kumar Banchoth Pr.

[Signature]
18/10/25

Sample Plot Survey

Sample Plot - 3 (30 M X 30M)

Name of Plantation Site - AR Block Plantation K. Saurashtra DPF 20 ha

Sample Plot Observation :-

GPS Co-ordinates of all corners

Corner - 1 - N $\rightarrow$ 19.805968, E $\rightarrow$ 82.947661Corner - 2 - N $\rightarrow$ 19.806198, E $\rightarrow$ 82.947908Corner - 3 - N $\rightarrow$ 19.806308, E $\rightarrow$ 82.947923Corner - 4 - N $\rightarrow$ 19.806272, E $\rightarrow$ 82.947691

No. of Plants Planted in the sample plot :- 169

No. of dead plants in the sample plot :- 0

Survival % of the seedlings planted (plot) :- 100%

In case of ANR coverage of fencing around the patch :-

Complete/Incomplete

Survival % of the seedlings planted (plot) :- 100%;																						
In case of Ann Coverage or retaining around the patch																						
Sl. No.	Species	Height of the Plant In (cm)																				Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	Jamu	120	120	100	110	120	100	105	130	120	105	120										113.6
2	Arjun	120	130	130	100	105	100															114.1
3	Sindur	180	170	170																		173.3
4	Bali sisoo	230	180	170	110	110	220	210	180	190	200	180	200	170	170	170	175	200	190	130	230	
5		190	170	160	240	220	200	160	166	170	200	170	170	165	180	200	150	170	150	200	170	
6		170	220	180	200	200	180	170	200	200	180	200	160	170	200	150	200	180	220	200	200	
7		260	170	170	150	180	170	190	190	180	160	180	180	180	200	180	170	190	190	170	195	
8		180	160	170	200	210	190	190	170	200	200	180	180	185	150	150	200	200	170	200	200	
9		170	200	190	150	180	190	200	200	170	170	175	235	200	190	200	180					152.5
10	Phasi	200	160	140	190	200	140	170	170	160	170	170	180	180	170	190	200					174.3
11	Rohedi sisoo	140	160	150	150	160	160	150	160	150	150	140										151.8
12	Sahaj	110	120	120	120																	117.5

Page 1 of 2

[illegible]

Name & Signature of Range Staff

Passaic Nat
Natl

Change Officer
I/C. Junagarh Range

2 Forester
Silvarts R. H. Hauke (D)
Tunahan Secan

3 Forester
Kendappa Swami Fg.

Sanjay Kumar Mishra, Sr.

4 Forest Guard

Ajaya Kumar Barchha F-1

3 Forest Guard

Tafesani Naik F.G
Tungurah Bee

Page 2 of 2

Sample Plot Survey

Sample Plot - 2 (30 M X 30M)

Name of Plantation Site

GPS Co-ordinates of all corners

AR Block Plantation K. Sankhuda DPF 20ha

Sample Plot Observation :-

Sisso is the dominant species in this plot with good avg. height of 146.9 cm.

Corner - 1 -

N → 19.803146, E → 82.949607

Corner - 2 -

N → 19.803411, E → 82.949559

Corner - 3 -

N → 19.803291, E → 82.94927

Corner - 4 -

N → 19.803072, E → 82.949352

No. of Plants Planted in the sample plot

169

No. of dead plants in the sample plot

0

Survival % of the seedlings planted (plot)

100%

In case of ANR coverage of fencing around the patch

Complete/Incomplete

Sl. No.	Species	Height of the Plant in (CM)																				Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	Tentuli	140	120	100																		120
2	Bali Sissoo	260	200	220	210	200	200	200	170	190	180	200	220	220	180	200	230	200	230	185	160	
3		290	230	240	180	180	200	200	290	160	190	130	200	200	200	180	200	200	190	240	150	
4		170	180	250	120	200	200	170	230	230	180	170	170	180	220	180	160	220	140	230	200	
5		200	200	210	220	170	160	155	150	190	170	190	190	180	220	200	220	200	230			196.9
6	Pahadi Sissoo	200	190	180	160	180	150	220	170	170	190	160	160	160	170	170	200	160	190	140	160	
7		170	160	190	180	160	200	150	160	170	160	150	170	160	180	150	200	180	150	190	140	
8		190																				171.7
9	Gambharu	210	200	190	170	180	190	180	190	140	190	180	200	180								171.4
10	Sata	120	140	130	110	130																126
11	Arjun	110	120	120	120																	117.5
12	Jamu	110																				110

Name & Signature of Range Staff.

Prasanna's Nair

3 Forester *Kondanga Sonoi* For

4 Forest Guard
Ajaya Kumar Barchha.

Page 2 of 2

26/10/22
Range Officer
I/C. Junagadh Range

Srikanth Reddy (Pr)
Suryanagar

Topaseni Neik F.G
Tunqah Dred

8/10/25