

6 Bald hill plantation at Sindhipanka over 10ha 2025-26
Formats to be adopted for monitoring and evaluation of Plantations of

1. General Information:

- (a) Division :- Berhampur
(b) Range :- Samantiaipuli
(c) Section :- Surangi
(d) Beat :- Surangi

2. Information of the Plantation Site : Bald hill Pdemtation Sindhipanka

- (a) Name of the site (with longitude & Latitude) (GPS reading) :- 19.149181 - N
84.530793 - E
(b) Legal status of the site :- Rhusimola DPF
(c) Year of plantation :- 2025-26
(d) Type of plantation: (Economic/Bald Hill/ 13FC/Bamboo(SP)/ANR with Gap Plantation/ANR (Silvi)/TOF/Avenue/NBM etc -
(e) Area (in ha.) :- 10ha
(f) Construction of signboard at the plantation site :- Yes
(g) Name of Working Circle :- RWC

3. Plantation Journal :-

- (a) Properly maintained :-
(b) Partly maintained :-
(c) Not maintained :-

4. Plantation Design and Map of the afforestation site :

- (a) Prepared :-
(b) Not prepared :-

5. Treatment map :

- (a) Prepared :-
(b) Not prepared :-

6. Pitting Register :

- (a) Prepared :-
(b) Not prepared :-

7. Planting Register :

- (a) Prepared :-
(b) Not prepared :-

8. Area of the Plantation :

- (a) Gross area of the plantation :- 25
(b) Net area planted :- 10ha
(c) No. of pillars posted :- 20
(d) Whether pillars are numbered :- Yes
(e) Whether the area of the plantation is fully covered :- Yes

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lineation of 4 Ha. Plot :

Delineated :-

Not Delineated :-

10. Plantation :

(1 % area of each plantation site is to be inspected. Sampling plot of 40mX25m are to be delineated randomly for recording following information.)

(a) Species wise seedlings planted : 2 nos of sample plot

Species	Number	Species	Number	Species	Number
Lemon	25	Argun	40		
Sisoo	40	Norakhulli	30		
Bahada	35	Damun	40		
Panasol	40	Sirisa	35		
Phasi	29				

(b) Spacing adopted $2.5m \times 2.5m$

314/320

(c) (i) No. of seedlings planted in the whole plantation as per record. 16000

(ii) No of seedlings planted in the whole plantation calculated based on 1% sampling mentioned above. 214

(iii) Difference if any and reason thereof.

(d) Survival percentage :- 98%.

(e) Average height growth of the species :-

[illegible]

11. ANR with gap Plantation :

Naturally regenerated area :-

Name of the site	Status of Land	Name of Working Circle	GPS reading at midpoint of the site	Target (in ha.)	Area Achieved (in ha)	Average number of new coppice shoots formed per ha*	Remarks
1	2	3	4	5	6	7	8
Bold Hill	Rhusimola	RWC	19.147886	10	10		
Sindhi Ponka	DPP		84.532357				

* The average number of new coppice shoots formed may be ascertained through 1% sampling of the treatment area by laying random sample plot of size 40mX25m.

(b) Gap planting area :- 10 ha

(Whether the gap plantation has been carried out in sizable gaps of more than 0.4 hac. Or planted all over the area.)

(c) Information on gap planting area to be collected as per para 9 above.

12. SMC activities taken up in the afforestation site :- Yes

(i) Type and numbers as per record

3000

(ii) Type and numbers as per physical verification

15

(iii) Difference if any with reason

13. Fencing :

Type of Fencing adopted	Length in m		Difference if any	Remarks
	As per record	As per physical verification		
wire mesh	2500 mtr	750 mtr		

14. Participation of V.S.S. in plantation / protection programme: - No -

(a) Maintenance of VSS register :-

(b) No of meetings held :-

(c) Mode of protection of plantation :-

(d) Fire incidence in the plantation site :-

(e) Podu cultivation in the plantation site :-

(f) Usufruct obtained from the plantation site :-

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15. General observation :-

- (a) Suitability of the site for plantation :-
- (b) Site specific right choice of the species :-
- (c) Reason for high / low survival percentage :-
- (d) Other if any :-

16. Area Assessment of the Afforestation site

- (a) Name of the Afforestation site
- (b) Area in ha as per record and as per field inspection
- (c) No of Plantation Pillars

Pillar No.	As per Map / Field Book	As per field	Remarks
	GPS reading	GPS reading	
1		19° 8' 49"	
		84° 21' 54"	
22		19° 8' 54"	
		84° 21' 51"	
23		19° 8' 51"	
		84° 21' 53"	

- (d) Difference of area if any with respect to field and actual measurement and reason thereof.

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Pillar GPS reading

① 14° 08' 50.0" N
84° 31' 55.0" E

② 14° 08' 47.0" N
84° 31' 54.0" E

③ 14° 08' 43.0" N
84° 31' 52.0" E

④ 14° 08' 41.0" N
84° 31' 54.0" E

⑤ 14° 08' 44.0" N
84° 31' 55.0" E

⑥ 14° 08' 46.0" N
84° 31' 58.0" E

⑦ 14° 08' 47.0" N
84° 32' 00.0" E

⑧ 14° 08' 48.0" N
84° 32' 01.0" E

⑨ 14° 08' 49.0" N
84° 32' 04.0" E

⑩ 14° 08' 49.0" N
84° 32' 05.0" E

⑪ 14° 08' 51.0" N
84° 32' 05.0" E

⑫ 14° 08' 56.3" N
84° 31' 58.4" E

⑬ 14° 09' 02.0" N
84° 31' 52.2" E

⑭ 14° 09' 03.0" N
84° 31' 52.0" E

⑮ 14° 09' 03.0" N
84° 31' 50.0" E

⑯ 14° 08' 59.0" N
84° 31' 50.0" E

⑰ 14° 08' 56.0" N
84° 31' 50.0" E

⑱ 14° 08' 54.0" N
84° 31' 51.0" E

⑲ 14° 08' 51.0" N
84° 31' 53.0" E

⑳ 14° 08' 50.8" N
84° 31' 54.0" E

Pillar No.	GPS reading	As per Map / Field Book
1	14° 08' 50.0" N 84° 31' 55.0" E	14° 08' 50.0" N 84° 31' 55.0" E
2	14° 08' 47.0" N 84° 31' 54.0" E	14° 08' 47.0" N 84° 31' 54.0" E
3	14° 08' 43.0" N 84° 31' 52.0" E	14° 08' 43.0" N 84° 31' 52.0" E
4	14° 08' 41.0" N 84° 31' 54.0" E	14° 08' 41.0" N 84° 31' 54.0" E
5	14° 08' 44.0" N 84° 31' 55.0" E	14° 08' 44.0" N 84° 31' 55.0" E
6	14° 08' 46.0" N 84° 31' 58.0" E	14° 08' 46.0" N 84° 31' 58.0" E
7	14° 08' 47.0" N 84° 32' 00.0" E	14° 08' 47.0" N 84° 32' 00.0" E
8	14° 08' 48.0" N 84° 32' 01.0" E	14° 08' 48.0" N 84° 32' 01.0" E
9	14° 08' 49.0" N 84° 32' 04.0" E	14° 08' 49.0" N 84° 32' 04.0" E
10	14° 08' 49.0" N 84° 32' 05.0" E	14° 08' 49.0" N 84° 32' 05.0" E
11	14° 08' 51.0" N 84° 32' 05.0" E	14° 08' 51.0" N 84° 32' 05.0" E
12	14° 08' 56.3" N 84° 31' 58.4" E	14° 08' 56.3" N 84° 31' 58.4" E
13	14° 09' 02.0" N 84° 31' 52.2" E	14° 09' 02.0" N 84° 31' 52.2" E
14	14° 09' 03.0" N 84° 31' 52.0" E	14° 09' 03.0" N 84° 31' 52.0" E
15	14° 09' 03.0" N 84° 31' 50.0" E	14° 09' 03.0" N 84° 31' 50.0" E
16	14° 08' 59.0" N 84° 31' 50.0" E	14° 08' 59.0" N 84° 31' 50.0" E

Tony 24
Forester

Harri Koushna Baran, Asst. Conservator of Forests
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17. Avenue Plantation

2% of the total Row KM of avenue plantation of each plantation site will be inspected and height and survival % will be measured.

Sl. No.	Name of the Division	Site of Plantation with GPS reading at both the ends	Length in RKM	No. of plants planted species wise	Height in cm.			Survival %	Fencing		Remarks
					Min	Max	Ave		Type	Length (in meter)	
1	2	3	4	5	6	7	8	9	10	11	12

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