

COMPENSATORY AFFORESTATION SCHEME
HINDUSTHAN LALPETH OPEN CAST MINE (EXPANSION)

Model No. 3

Division: Central Chanda
Range: Wirur
Compartment No. : 139

Total Area (Ha.): 30.00
Spacemnt - 3.00m x 3.00m
Size of pits - 0.45 x 0.45 x 0.45 m
No. of seedlings - 1111 per ha.
Wages (Rs.): 360.77
Periferal Length (meter): 2400

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 30.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
A. Pre Monsoon Works (PPO/PYO)									
1	a. Survey and demarcation	1.00	360.77	50.00	410.77	30.00	10823.10	1500.00	12323.10
	b. Preparation of treatment map (100 m x 50 m grid)	1.00	360.77	50.00	410.77	30.00	10823.10	1500.00	12323.10
	c. Cleaning of bushes and preparation of site (As per requirement)	10.00	3607.70	50.00	3657.70	300.00	108231.00	1500.00	109731.00
2	Soil and moisture conservation works including collection of rubbles from area upto 30 m etc.	31.00	11183.87	0.00	11183.87	930.00	335516.10	0.00	335516.10
3	Chainling And Fencing 2400 Mtr.1200 per rmt						2880000.00		2880000.00
4	Alignment of pits at 3.0 x 3.0 m spacement 1111 pits per ha. (0.13 M.D. and M & S Rs. 2.24 per 50 pits.)	2.86	1031.80	49.77	1081.57	85.80	30954.07	1493.10	32447.17
5	Digging of pits of 0.45 x 0.45 x 0.45 m size 1111 pits per ha (6.60 M.D. per 100 pits)	73.33	26455.26	0.00	26455.26	2199.90	793657.92	0.00	793657.92
6	Part nursery cost for raising 1333 seedling per ha. (including 20% casualty replacement) in polybag of size 12.50 x 25.00 cm (Wages Rs. 8.80 and M & S Rs. 1.76 per plant	28.63	10328.85	2346.08	12674.93	858.90	309865.35	70382.40	380247.75
	Total	147.82	53329.02	2545.85	55874.87	4434.60	4479870.64	76375.50	4556246.14
	Contingency 3%						134396.12	2291.27	136687.38
	Labour Welfare 4%						179194.83	3055.02	182249.85
	Grand Total	147.82	53329.02	2545.85	55874.87	4434.60	4793461.59	81721.79	4875183.37

Sr. No.	Particulars of works	Expenditure per ha.			Expenditure for 30.00 ha.				
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
B. First Year Operation									
Wage Rate increase 10% @ 396.85									
1	Part Nursery cost for maintainace of 1342 seedling per ha Rs. 1.55 per seedling (Wages Rs. 1.11, M & S Rs. 0.44)	11.68	4635.21	586.52	5221.73	350.40	139056.24	17595.60	156651.84
2	Refiling of pits with good quality soil a) Wages 1.66 M.D. per 100 pits b) 20% soil replacement. 20 cum per ha. Rs. 300/- per cum. c) Filling 5% farm yard manure in pits. 5 cum per ha. Rs. 700/- per cum.	18.44	7317.91	9500.00	16817.91	553.20	219537.42	285000.00	504537.42
3	Transporting of 1342 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs. 1 per seedlings)	1.55	615.12	1333.00	1948.12	46.50	18453.53	39990.00	58443.53
4	Planting of seedling 1111 per ha. (1.00 M.D. per 100 seedling)	19.11	7583.80	0.00	7583.80	573.30	227514.11	0.00	227514.11
5	3 weedings and 2 soil workings (3.50 M.D. per 100 seedlings) fertilizer application Rs. 0.45 per seedling.	38.88	15429.53	500.00	15929.53	1166.40	462885.84	15000.00	477885.84
6	Causality replacement (20% 220 seedling per ha.) (2 M.D. per 100 seedlings)	4.44	1762.01	0.00	1762.01	133.20	52860.42	0.00	52860.42
7	Part nursery cost for casualty replacement in SYO (220 seedlings per ha.) (wages Rs. 8.80 and material supply Rs. 1.76 total Rs. 10.56 per seedling)	7.78	3087.49	390.72	3478.21	233.40	92624.79	11721.60	104346.39
8	Watch and ward (10 months - 1 watcher per 10 ha.)	30.00	11905.50	0.00	11905.50	900.00	357165.00	0.00	357165.00
9	Fire tracing	2.00	793.70	0.00	793.70	60.00	23811.00	0.00	23811.00
	Total	133.88	53130.28	12310.24	65440.52	4016.40	1593908.34	369307.20	1963215.54
	Contingency 3%			1963.22	1963.22			58896.47	58896.47
	Labour Welfare 4%			2617.62	2617.62			78528.62	78528.62
	Grand Total	133.88	53130.28	16891.08	70021.35	4016.40	1593908.34	506732.29	2100640.63


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Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 30.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
C. Second Year Operation									
Wage Rate increase 10% @ 436.54									
1	Part nursery cost for seedlings for causality replacement (220 seedlings per ha.)	1.95	851.25	97.67	948.92	58.50	25537.59	2930.10	28467.69
2	Transportation of 220 seedlings for causality replacement including loadings & unloading (0.14 M.D. & M.S. Rs. 1 per 100 seedlings)	0.31	135.33	222.00	357.33	9.30	4059.82	6660.00	10719.82
3	Planting for causality replacement 220 seedlings (2.00 M.D. per seedlings)	4.44	1938.24	0.00	1938.24	133.20	58147.13	0.00	58147.13
4	2 weedings and 1 soil working; with fertilizer application at Rs. 0.45 per seedling	27.77	12122.72	500.00	12622.72	833.10	363681.47	15000.00	378681.47
5	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	15933.71	0.00	15933.71	1095.00	478011.30	0.00	478011.30
6	Fire tracing	2.00	873.08	0.00	873.08	60.00	26192.40	0.00	26192.40
	Total	72.97	31854.32	819.67	32673.99	2189.10	955629.71	24590.10	980219.81
	Contingency 3%			980.22	980.22			29406.59	29406.59
	Labour Welfare 4%			1306.96	1306.96			39208.79	39208.79
	Grand Total	72.97	31854.32	3106.85	34961.17	2189.10	955629.71	93205.49	1048835.20
D. Third Year Operations									
Wage Rate increase 10% @ 480.19									
1	1 weedings and 1 soil working (1.50 M.D. per 100 seedlings)	16.67	8004.77	0.00	8004.77	500.10	240143.02	0.00	240143.02
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	17526.94	0.00	17526.94	1095.00	525808.05	0.00	525808.05
3	Fire tracing	2.00	960.38	0.00	960.38	60.00	28811.40	0.00	28811.40
	Total	55.17	26492.08	0.00	26492.08	1655.10	794762.47	0.00	794762.47
	Contingency 3%			794.76	794.76			23842.87	23842.87
	Labour Welfare 4%			1059.68	1059.68			31790.50	31790.50
	Grand Total	55.17	26492.08	1854.45	28346.53	1655.10	794762.47	55633.37	850395.84
E. Fourth Year Operations									
Wage Rate increase 10% @ 528.21									
1	Fire tracing	2.00	1056.42	0.00	1056.42	60.00	31692.60	0.00	31692.60
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	19279.67	0.00	19279.67	1095.00	578389.95	0.00	578389.95
	Total	38.50	20336.09	0.00	20336.09	1155.00	610082.55	0.00	610082.55
	Contingency 3%			610.08	610.08			18302.48	18302.48
	Labour Welfare 4%			813.44	813.44			24403.30	24403.30
	Grand Total	38.50	20336.09	1423.53	21759.61	1155.00	610082.55	42705.78	652788.33

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Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 30.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
F. Fifth Year Operations									
Wage Rate increase 10% @ 581.03									
1	Fire tracing	2.00	1162.06	0.00	1162.06	60.00	34861.80	0.00	34861.80
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	21207.60	0.00	21207.60	1095.00	636227.85	0.00	636227.85
	Total	38.50	22369.66	0.00	22369.66	1155.00	671089.65	0.00	671089.65
	Contingency 3%								
	Labour Welfare 4%			671.09	671.09			20132.69	20132.69
	Grand Total	38.50	22369.66	894.79	894.79			26843.59	26843.59
G. Sixth Year Operations.									
Wage Rate increase 10% @ 639.13									
1	Fire tracing	2.00	1278.26	0.00	1278.26	60.00	38347.80	0.00	38347.80
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	23328.25	0.00	23328.25	1095.00	699847.35	0.00	699847.35
	Total	38.50	24606.51	0.00	24606.51	1155.00	738195.15	0.00	738195.15
	Contingency 3%			738.20	738.20			22145.85	22145.85
	Labour Welfare 4%			984.26	984.26			29527.81	29527.81
	Grand Total	38.50	24606.51	1722.46	26328.96	1155.00	738195.15	51673.66	789868.81
H. Seventh Year Operations									
Wage Rate increase 10% @ 703.04									
1	Fire tracing	2.00	1406.08	0.00	1406.08	60.00	42182.40	0.00	42182.40
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	25660.96	0.00	25660.96	1095.00	769828.80	0.00	769828.80
	Total	38.50	27067.04	0.00	27067.04	1155.00	812011.20	0.00	812011.20
	Contingency 3%			812.01	812.01			24360.34	24360.34
	Labour Welfare 4%			1082.68	1082.68			32480.45	32480.45
	Grand Total	38.50	27067.04	1894.69	28961.73	1155.00	812011.20	56840.78	868851.98


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Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 30.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
I. Eighth Year Operations									
Wage Rate increase 10% @ 773.34									
1	Fire tracing	2.00	1546.68	0.00	1546.68	60.00	46400.40	0.00	46400.40
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	28226.91	0.00	28226.91	1095.00	846807.30	0.00	846807.30
	Total	38.50	29773.59	0.00	29773.59	1155.00	893207.70	0.00	893207.70
	Contingency 3%			893.21	893.21			26796.23	26796.23
	Labour Welfare 4%			1190.94	1190.94			35728.31	35728.31
	Grand Total	38.50	29773.59	2084.15	31857.74	1155.00	893207.70	62524.54	955732.24
J. Ninth Year Operations									
Wage Rate increase 10% @ 850.67									
1	Fire tracing	2.00	1701.34	0.00	1701.34	60.00	51040.20	0.00	51040.20
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	31049.46	0.00	31049.46	1095.00	931483.65	0.00	931483.65
	Total	38.50	32750.80	0.00	32750.80	1155.00	982523.85	0.00	982523.85
	Contingency 3%			982.52	982.52			29475.72	29475.72
	Labour Welfare 4%			1310.03	1310.03			39300.95	39300.95
	Grand Total	38.50	32750.80	2292.56	35043.35	1155.00	982523.85	68776.67	1051300.52
K. Tenth Year Operations									
Wage Rate increase 10% @ 935.73									
1	Fire tracing	2.00	1871.46	0.00	1871.46	60.00	56143.80	0.00	56143.80
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	34154.15	0.00	34154.15	1095.00	1024624.35	0.00	1024624.35
	Total	38.50	36025.61	0.00	36025.61	1155.00	1080768.15	0.00	1080768.15
	Contingency 3%			1080.77	1080.77			32423.04	32423.04
	Labour Welfare 4%			1441.02	1441.02			43230.73	43230.73
	Grand Total	38.50	36025.61	2521.79	38547.40	1155.00	1080768.15	75653.77	1156421.92

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विरर

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 30.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs.)
1	Pre-Monsoon works	147.82	53329.02	2545.85	55874.87	4434.60	4793461.59	81721.79	4875183.37
2	First Year Operation	133.88	53130.28	16891.08	70021.35	4016.40	1593908.34	506732.29	2100640.63
3	Second Year Operation	72.97	31854.32	3106.85	34961.17	2189.10	955629.71	93205.49	1048835.20
4	Third Year Operation	55.17	26492.08	1854.45	28346.53	1655.10	794762.47	55633.37	850395.84
5	Fourth Year Operation	38.50	20336.09	1423.53	21759.61	1155.00	610082.55	42705.78	652788.33
6	Fifth Year Operation	38.50	22369.66	1565.88	23935.53	1155.00	671089.65	46976.28	718065.93
7	Sixth Year Operation	38.50	24606.51	1722.46	26328.96	1155.00	738195.15	51673.66	789868.81
8	Seventh Year Operation	38.50	27067.04	1894.69	28961.73	1155.00	812011.20	56840.78	868851.98
9	Eighth Year Operation	38.50	29773.59	2084.15	31857.74	1155.00	893207.70	62524.54	955732.24
10	Ninth Year Operation	38.50	32750.80	2292.56	35043.35	1155.00	982523.85	68776.67	1051300.52
11	Tenth Year Operation	38.50	36025.61	2521.79	38547.40	1155.00	1080768.15	75653.77	1156421.92
Total :-		679.34	357734.98	37903.27	395638.25	20380.20	13925640.36	1142444.42	15068084.77

(G.V. Hire)

Dy. Conservator of Forest,
Central Chanda Forest Division,
Chandrapur

Compensatory Afforestation Area Suitability Certificate by Dy. Conservator of Forests

This is certify that the following degraded forest land of 30.00 ha.

S. No.	Range	Village	Round	Beat	C. No.	Area in ha.
1	Wirur	Chincholi	Wirur	Chincholi	139	30.00

Is suitable as compensatory land required to be given as alternate land for Compensatory Afforestation in lieu of forest land required for the Hindustan Lalpeth WCL Mining. The land is also suitable for afforestation and management purpose. The land is free from encroachment and other encumbrances.

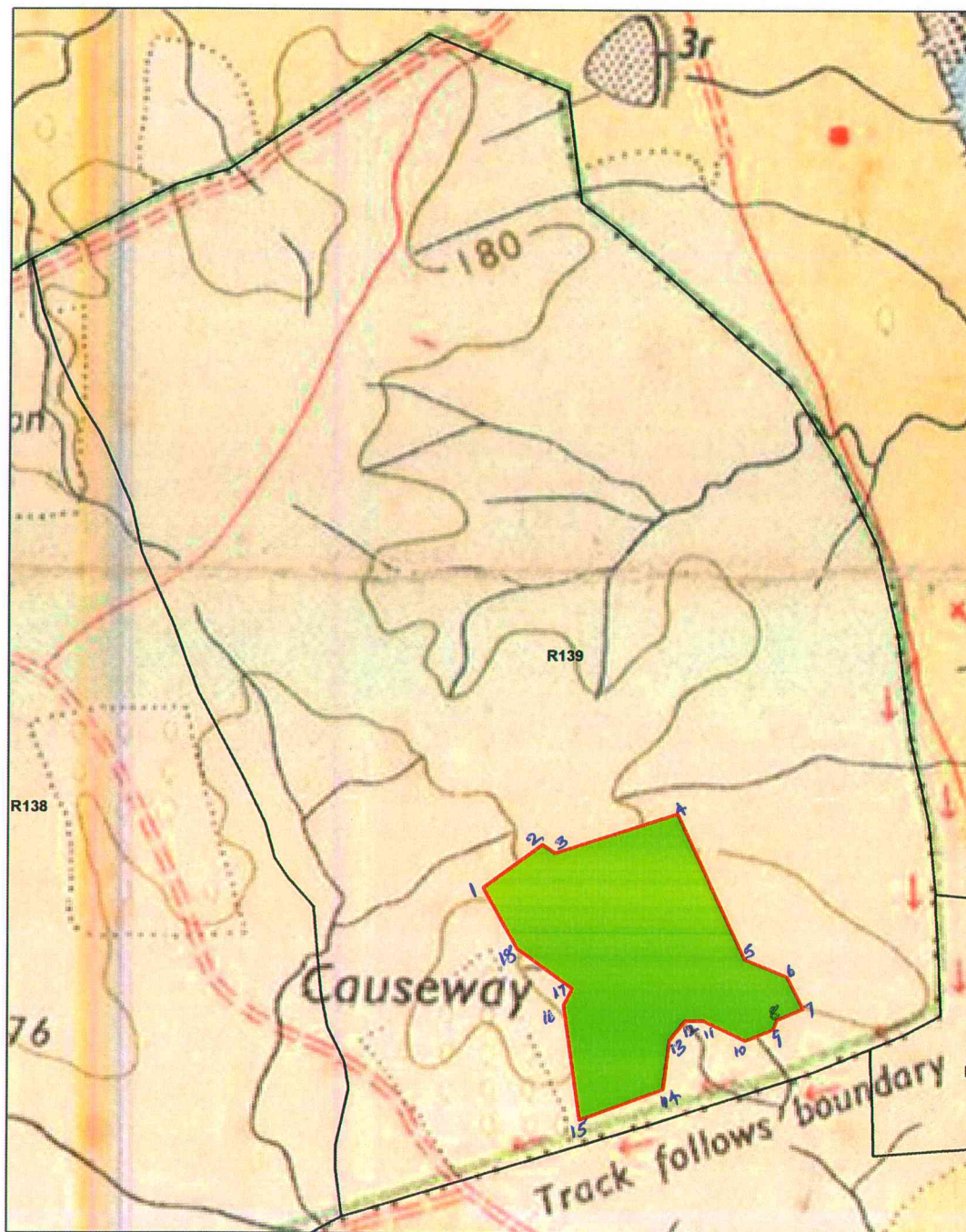
Place :- Chandrapur

Date :- 13/01/2020.



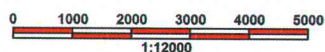
(Gajendra Hire)
Dy. Conservator of Forests,
Central Chanda Forest Division,
Chandrapur

CENTRAL CHANDA FOREST DIVISION, CHANDRAPUR
Proposed 30.00 ha. degraded forest land in C. No. 139 for CA of
Hindusthan Lalpeth Open Cast (EXPN) Mine
Range - Wirur Round - Wirur Beat - Chincholi



Coordinates of CA Land		
Point No.	Latitude	Longitude
1	19°35'46.85"N	79°28'50.59"E
2	19°35'50.66"N	79°28'55.89"E
3	19°35'49.91"N	79°28'56.90"E
4	19°35'53.38"N	79°29'7.82"E
5	19°35'40.61"N	79°29'13.62"E
6	19°35'38.94"N	79°29'17.35"E
7	19°35'36.22"N	79°29'18.83"E
8	19°35'35.07"N	79°29'16.50"E
9	19°35'34.33"N	79°29'16.20"E
10	19°35'33.31"N	79°29'13.73"E
11	19°35'35.11"N	79°29'9.85"E
12	19°35'34.97"N	79°29'8.36"E
13	19°35'33.23"N	79°29'7.00"E
14	19°35'28.97"N	79°29'5.52"E
15	19°35'26.27"N	79°28'59.16"E
16	19°35'36.33"N	79°28'57.69"E
17	19°35'37.93"N	79°28'58.46"E
18	19°35'41.35"N	79°28'53.66"E

INDEX	
	Compartment Boundary
	Proposed CA Land

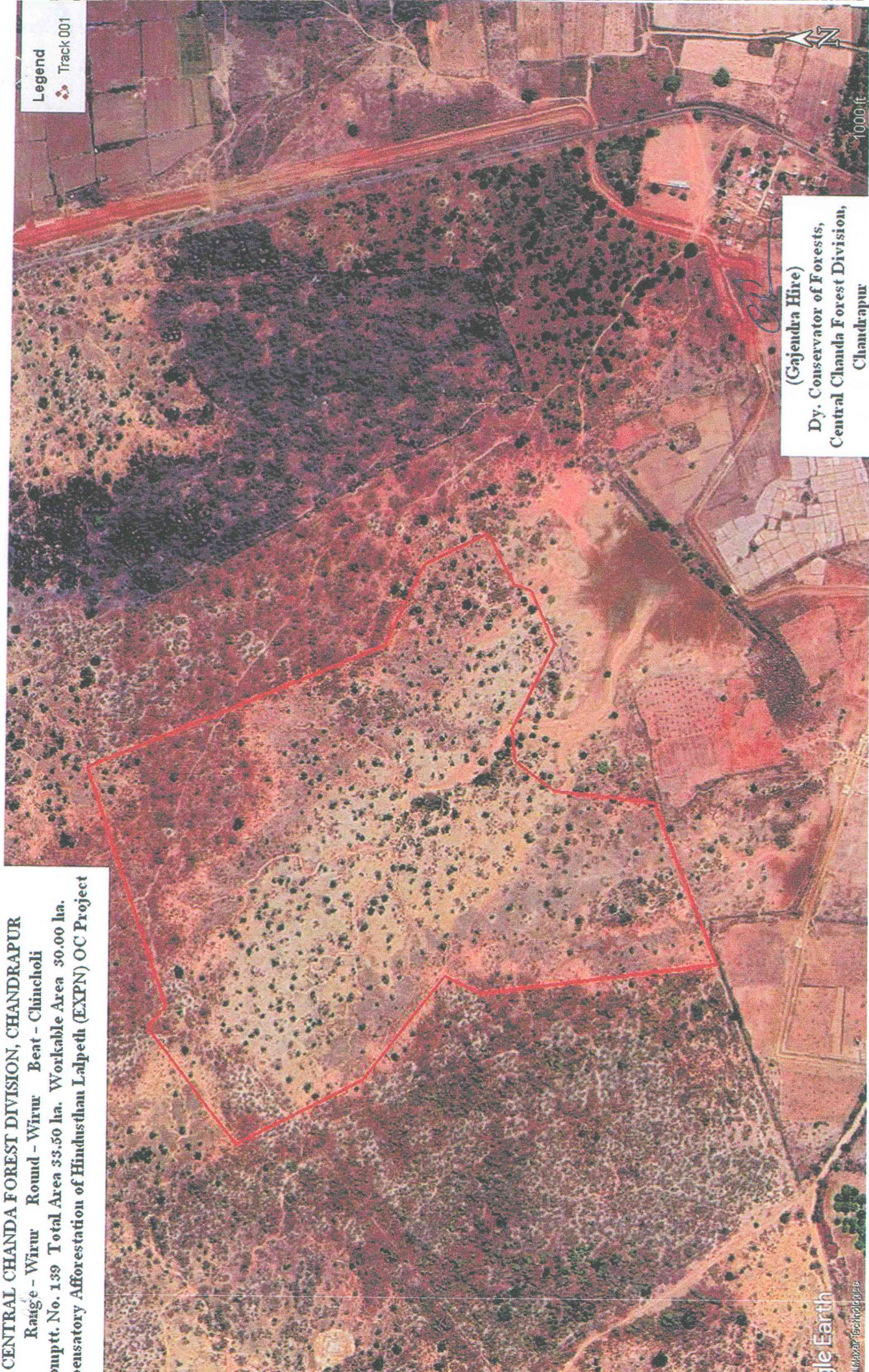



 (Gajendra Hire)
 Dy. Conservator of Forests,
 Central Chanda Forest Division,
 Chandrapur

CENTRAL CHANDA FOREST DIVISION, CHANDRAPUR

Range - Wirur Round - Wirur Beat - Clincholi
Suptt. No. 139 Total Area 33.50 ha. Workable Area 30.00 ha.
Sensatory Afforestation of Hindusthan Lalpeth (EXPN) OC Project

Legend
Track 001



(Gajendra Hire)
Dy. Conservator of Forests,
Central Chanda Forest Division,
Chandrapur

Maple Earth

Maple Earth

1000 ft

290

COMPENSATORY AFFORESTATION SCHEME
HINDUSTHAN LALPETH OPEN CAST MINE (EXPANSION)

Model No. 3

Division: Central Chanda
Range: Pombhurna
Compartment No. : 531

Total Area (Ha.): 20.00
Spacement - 3.00m x 3.00m
Size of pits - 0.45 x 0.45 x 0.45 m
No. of seedlings - 1111 per ha.
Wages (Rs.): 360.77
Periferal Length (meter): 2300

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 20.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
A. Pre Monsoon Works (PPO/PYO)									
1	a. Survey and demarcation	1.00	360.77	50.00	410.77	20.00	7215.40	1000.00	8215.40
	b. Preparation of treatment map (100 m x 50 m grid)	1.00	360.77	50.00	410.77	20.00	7215.40	1000.00	8215.40
	c. Cleaning of bushes and preparation of site (As per requirement)	10.00	3607.70	50.00	3657.70	200.00	72154.00	1000.00	73154.00
2	Soil and moisture conservation works including collection of rubbles from area upto 30 m etc.	31.00	11183.87	0.00	11183.87	620.00	223677.40	0.00	223677.40
3	Chaining And Fencing 2500 Mr.1200 per rmt (L.S)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300000.00
4	Alignment of pits at 3.0 x 3.0 m spacement 1111 pits per ha. (0.13 M.D. and M & S Rs. 2.24 per 50 pits.)	2.86	1031.80	49.77	1081.57	57.20	20636.04	995.40	21631.44
5	Digging of pits of 0.45 x 0.45 x 0.45 m size 1111 pits per ha (6.60 M.D. per 100 pits)	73.33	26455.26	0.00	26455.26	1466.60	529105.28	0.00	529105.28
6	Part nursery cost for raising 1342 seedling per ha. (including 20% casualty replacement) in polybag of size 12.50 x 25.00 cm (Wages Rs. 8.80 and M & S Rs. 1.76 per plant	28.63	10328.85	2346.08	12674.93	572.60	206576.90	46921.60	253498.50
	Total	147.82	53329.02	2545.85	55874.87	2956.40	1066580.43	50917.00	4117497.43
	Contingency 3%			1676.25	1676.25			123524.92	123524.92
	Labour Welfare 4%			2234.99	2234.99			164699.90	164699.90
	Grand Total	147.82	53329.02	6457.09	59786.11	2956.40	1066580.43	339141.82	4405722.25


Range Forest Officer (T.)
Pombhurna

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 20.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
B. First Year Operation									
Wage Rate increase 10% @ 396.85									
1	Part Nursery cost for maintainance of 1342 seedling per ha Rs. 1.55 per seedling (Wages Rs. 1.11, M & S Rs. 0.44)	11.68	4635.21	586.52	5221.73	233.60	92704.16	11730.40	104434.56
2	Refiling of pits with good quality soil a) Wages 1.66 M.D. per 100 pits b) 20% soil replacement. 20 cum per ha. Rs. 300/- per cum. c) Filling 5% farm yard manure in pits. 5 cum per ha. Rs. 700/- per cum.	18.44	7317.91	9500.00	16817.91	368.80	146358.28	190000.00	336358.28
3	Transporting of 1342 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs. 1 per seedlings)	1.55	615.12	1333.00	1948.12	31.00	12302.35	26660.00	38962.35
4	Planting of seedling 1111 per ha. (1.00 M.D. per 100 seedling)	19.11	7583.80	0.00	7583.80	382.20	151676.07	0.00	151676.07
5	3 weedings and 2 soil workings (3.50 M.D. per 100 seedlings) fertilizer application Rs. 0.45 per seedling.	38.88	15429.53	500.00	15929.53	777.60	308590.56	10000.00	318590.56
6	Causality replacement (20% 220 seedling per ha.) (2 M.D. per 100 seedlings)	4.44	1762.01	0.00	1762.01	88.80	35240.28	0.00	35240.28
7	Part nursery cost for casualty replacement in SYO (220 seedlings per ha.) (wages Rs. 8.80 and material supply Rs. 1.76 total Rs. 10.56 per seedling)	7.78	3087.49	390.72	3478.21	155.60	61749.86	7814.40	69564.26
8	Watch and ward (10 months - 1 watcher per 10 ha.)	30.00	11905.50	0.00	11905.50	600.00	238110.00	0.00	238110.00
9	Fire tracing	2.00	793.70	0.00	793.70	40.00	15874.00	0.00	15874.00
	Total	133.88	53130.28	12310.24	65440.52	2677.60	1062605.56	246204.80	1308810.36
	Contingency 3%			1963.22	1963.22			39264.31	39264.31
	Labour Welfare 4%			2617.62	2617.62			52352.41	52352.41
	Grand Total	133.88	53130.28	16891.08	70021.35	2677.60	1062605.56	337821.53	1400427.09


 Range Forest Officer (T)
 Pombhurna

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 20.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
C. Second Year Operation									
Wage Rate increase 10% @ 436.54									
1	1 Part nursery cost for seedlings for causality replacement (220 seedlings per ha.)	1.95	851.25	97.67	948.92	39.00	17025.06	1953.40	18978.46
2	2 Transportation of 220 seedlings for causality replacement including loadings & unloading (0.14 M.D. & M.S. Rs. 1 per 100 seedlings)	0.31	135.33	222.00	357.33	6.20	2706.55	4440.00	7146.55
3	3 Planting for causality replacement 220 seedlings (2.00 M.D. per seedlings)	4.44	1938.24	0.00	1938.24	88.80	38764.75	0.00	38764.75
4	4 2 weedings and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	27.77	12122.72	500.00	12622.72	555.40	242454.32	10000.00	252454.32
5	5 Watch and ward 12 months - 1 watcher per 10 ha.	36.50	15933.71	0.00	15933.71	730.00	318674.20	0.00	318674.20
6	6 Fire tracing	2.00	873.08	0.00	873.08	40.00	17461.60	0.00	17461.60
	Total	72.97	31854.32	819.67	32673.99	1459.40	637086.48	16393.40	653479.88
	Contingency 3%			980.22	980.22			19604.40	19604.40
	Labour Welfare 4%			1306.96	1306.96			26139.20	26139.20
	Grand Total	72.97	31854.32	3106.85	34961.17	1459.40	637086.48	62136.99	699223.47
D. Third Year Operations									
Wage Rate increase 10% @ 480.19									
1	1 weedings and 1 soil working (1.50 M.D. per 100 seedlings)	16.67	8004.77	0.00	8004.77	333.40	160095.35	0.00	160095.35
2	2 Watch and ward 12 months - 1 watcher per 10 ha.	36.50	17526.94	0.00	17526.94	730.00	350538.70	0.00	350538.70
3	3 Fire tracing	2.00	960.38	0.00	960.38	40.00	19207.60	0.00	19207.60
	Total	55.17	26492.08	0.00	26492.08	1103.40	529841.65	0.00	529841.65
	Contingency 3%			794.76	794.76			15895.25	15895.25
	Labour Welfare 4%			1059.68	1059.68			21193.67	21193.67
	Grand Total	55.17	26492.08	1854.45	28346.53	1103.40	529841.65	37088.92	566930.56
E. Fourth Year Operations									
Wage Rate increase 10% @ 528.21									
1	1 Fire tracing	2.00	1056.42	0.00	1056.42	40.00	21128.40	0.00	21128.40
2	2 Watch and ward 12 months - 1 watcher per 10 ha.	36.50	19279.67	0.00	19279.67	730.00	385593.30	0.00	385593.30
	Total	38.50	20336.09	0.00	20336.09	770.00	406721.70	0.00	406721.70
	Contingency 3%			610.08	610.08			12201.65	12201.65
	Labour Welfare 4%			813.44	813.44			16268.87	16268.87
	Grand Total	38.50	20336.09	1423.53	21759.61	770.00	406721.70	28470.52	435192.22

Range Forest Officer (T.)
Pombhurna

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 30.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
F. Fifth Year Operations									
Wage Rate increase 10% @ 581.03									
1	Fire tracing	2.00	1162.06	0.00	1162.06	40.00	23241.20	0.00	23241.20
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	21207.60	0.00	21207.60	730.00	424151.90	0.00	424151.90
	Total	38.50	22369.66	0.00	22369.66	770.00	447393.10	0.00	447393.10
	Contingency 3%			671.09	671.09			13421.79	13421.79
	Labour Welfare 4%			894.79	894.79			17895.72	17895.72
	Grand Total	38.50	22369.66	1565.88	23935.53	770.00	447393.10	31317.52	478710.62
G. Sixth Year Operations.									
Wage Rate increase 10% @ 639.13									
1	Fire tracing	2.00	1278.26	0.00	1278.26	40.00	25565.20	0.00	25565.20
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	23328.25	0.00	23328.25	730.00	466564.90	0.00	466564.90
	Total	38.50	24606.51	0.00	24606.51	770.00	492130.10	0.00	492130.10
	Contingency 3%			738.20	738.20			14763.90	14763.90
	Labour Welfare 4%			984.26	984.26			19685.20	19685.20
	Grand Total	38.50	24606.51	1722.46	26328.96	770.00	492130.10	34449.11	526579.21
H. Seventh Year Operations									
Wage Rate increase 10% @ 703.04									
1	Fire tracing	2.00	1406.08	0.00	1406.08	40.00	28121.60	0.00	28121.60
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	25660.96	0.00	25660.96	730.00	513219.20	0.00	513219.20
	Total	38.50	27067.04	0.00	27067.04	770.00	541340.80	0.00	541340.80
	Contingency 3%			812.01	812.01			16240.22	16240.22
	Labour Welfare 4%			1082.68	1082.68			21653.63	21653.63
	Grand Total	38.50	27067.04	1894.69	28961.73	770.00	541340.80	37893.86	579234.66


 Range Forest Officer (I),
 Pombhurna

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 30.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
I. Eighth Year Operations									
Wage Rate increase 10% @ 773.34									
1	Fire tracing	2.00	1546.68	0.00	1546.68	40.00	30933.60	0.00	30933.60
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	28226.91	0.00	28226.91	730.00	564538.20	0.00	564538.20
	Total	38.50	29773.59	0.00	29773.59	770.00	595471.80	0.00	595471.80
	Contingency 3%			893.21	893.21			17864.15	17864.15
	Labour Welfare 4%			1190.94	1190.94			23818.87	23818.87
	Grand Total	38.50	29773.59	2084.15	31857.74	770.00	595471.80	41683.03	637154.83
J. Ninth Year Operations									
Wage Rate increase 10% @ 850.67									
1	Fire tracing	2.00	1701.34	0.00	1701.34	40.00	34026.80	0.00	34026.80
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	31049.46	0.00	31049.46	730.00	620989.10	0.00	620989.10
	Total	38.50	32750.80	0.00	32750.80	770.00	655015.90	0.00	655015.90
	Contingency 3%			982.52	982.52			19650.48	19650.48
	Labour Welfare 4%			1310.03	1310.03			26200.64	26200.64
	Grand Total	38.50	32750.80	2292.56	35043.35	770.00	655015.90	45851.11	700867.01
K. Tenth Year Operations									
Wage Rate increase 10% @ 935.73									
1	Fire tracing	2.00	1871.46	0.00	1871.46	40.00	37429.20	0.00	37429.20
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	34154.15	0.00	34154.15	730.00	683082.90	0.00	683082.90
	Total	38.50	36025.61	0.00	36025.61	770.00	720512.10	0.00	720512.10
	Contingency 3%			1080.77	1080.77			21615.36	21615.36
	Labour Welfare 4%			1441.02	1441.02			28820.48	28820.48
	Grand Total	38.50	36025.61	2521.79	38547.40	770.00	720512.10	50435.85	770947.95

[Signature]
 Range Forest Officer (T)
 Pombhurna

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 20.00 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs.)
1	Pre-Monsoon works	147.82	53329.02	6457.09	59786.11	2956.40	1066580.43	339141.82	4405722.25
2	First Year Operation	133.88	53130.28	16891.08	70021.35	2677.60	1062605.56	337821.53	1400427.09
3	Second Year Operation	72.97	31854.32	3106.85	34961.17	1459.40	637086.48	62136.99	699223.47
4	Third Year Operation	55.17	26492.08	1854.45	28346.53	1103.40	529841.65	37088.92	566930.56
5	Fourth Year Operation	38.50	20336.09	1423.53	21759.61	770.00	406721.70	28470.52	435192.22
6	Fifth Year Operation	38.50	22369.66	1565.88	23935.53	770.00	447393.10	31317.52	478710.62
7	Sixth Year Operation	38.50	24606.51	1722.46	26328.96	770.00	492130.10	34449.11	526579.21
8	Seventh Year Operation	38.50	27067.04	1894.69	28961.73	770.00	541340.80	37893.86	579234.66
9	Eighth Year Operation	38.50	29773.59	2084.15	31857.74	770.00	595471.80	41683.03	637154.83
10	Ninth Year Operation	38.50	32750.80	2292.56	35043.35	770.00	655015.90	45851.11	700867.01
11	Tenth Year Operation	38.50	36025.61	2521.79	38547.40	770.00	720512.10	50435.85	770947.95
Total :-		679.34	357734.98	41814.51	399549.49	13586.80	7154699.61	1046290.24	11200989.85

(G.V. Hire)

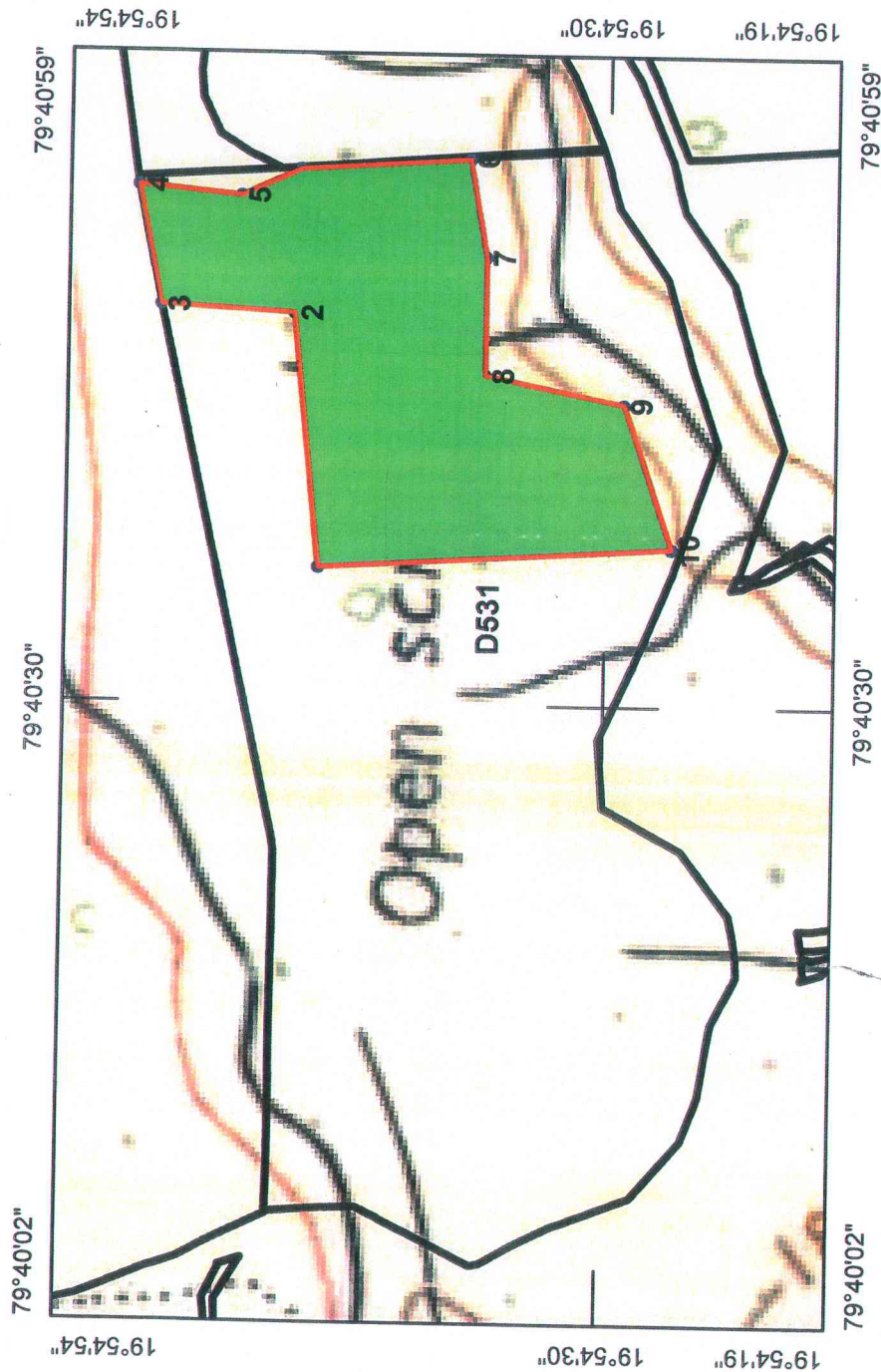
Dy. Conservator of Forest,
Central Chandra Forest Division,
Chandrapur

Compensatory Afforestation Land

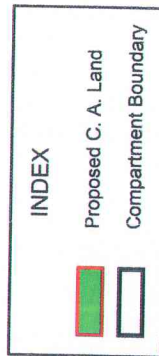
2014.12.14

Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

Proposed 20.00 Ha. Degreded Forest Land in C. No. 531 for C. A. of Hindustan Lalpeth Open Cost Mine
Range - Pombhurna Round - Ghosari Beat - Ghosari of Central Chanda Forest Division, Chandrapur



Co-Ordinate of C. A. Land		
Point No.	Latitude	Longitude
1	N19 54.712	E79 40.601
2	N19 54.737	E79 40.791
3	N19 54.835	E79 40.796
4	N19 54.853	E79 40.885
5	N19 54.776	E79 40.878
6	N19 54.736	E79 40.896
7	N19 54.605	E79 40.907
8	N19 54.592	E79 40.834
9	N19 54.592	E79 40.746
10	N19 54.488	E79 40.725
11	N19 54.451	E79 40.618



[Signature]

Dy. Conservator of Forests
Central Chanda Forest Division
Chandrapur

COMPENSATORY AFFORESTATION SCHEME
HINDUSTHAN LALPETH OPEN CAST MINE (EXPANSION)

Model No. 3

Division: Chandrapur

Range: Saoli

Compartment No. : 1534

Total Area (Ha.): 23.96

Spacement - 3.00m x 3.00m

Size of pits - 0.45 x 0.45 x 0.45 m

No. of seedlings - 1111 per ha.

Wages (Rs.): 360.77

Periferal Length (meter): 1990

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 23.96 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
A. Pre Monsoon Works (PPO/PYO)									
1	a. Survey and demarcation	1.00	360.77	50.00	410.77	23.96	8644.05	1198.00	9842.05
	b. Preparation of treatment map (100 m x 50 m grid)	1.00	360.77	50.00	410.77	23.96	8644.05	1198.00	9842.05
	c. Cleaning of bushes and preparation of site (As per requirement)	10.00	3607.70	50.00	3657.70	239.60	86440.49	1198.00	87638.49
2	Soil and moisture conservation works including collection of rubbles from area upto 30 m etc.	31.00	11183.87	0.00	11183.87	742.76	267965.53	0.00	267965.53
3	Digging of Trench cum mound (TCM) of size 1.90 x 0.60 x 1.00 m along the periphery of plantation area including spreading/stacking the excavated soil as directed in 1 m width and 1 m height. Length 102 Rmt per Ha. (127.50 cum) per ha.)	82.57	29788.78	96.00	29884.78	1978.38	713739.14	2300.16	716039.30
4	Alignment of pits at 3.0 x 3.0 m spacement 1111 pits per ha. (0.13 M.D. and M & S Rs. 2.24 per 50 pits.)	2.86	1031.80	49.77	1081.57	68.53	24721.98	1192.49	25914.47
5	Digging of pits of 0.45 x 0.45 x 0.45 m size 1111 pits per ha (6.60 M.D. per 100 pits)	73.33	26455.26	0.00	26455.26	1756.99	633868.13	0.00	633868.13
6	Part nursery cost for raising 1342 seedling per ha. (including 20% casualty replacement) in polybag of size 12.50 x 25.00 cm (Wages Rs. 8.80 and M & S Rs. 1.76 per plant	28.63	10328.85	2346.08	12674.93	685.97	247479.13	56212.08	303691.21
	Total	230.39	83117.80	2641.85	85759.65	5520.14	1991502.50	63298.73	2054801.22
	Contingency 3%			2572.79	2572.79			61644.04	61644.04
	Labour Welfare 4%			3430.39	3430.39			82192.05	82192.05
	Grand Total	230.39	83117.80	8645.03	91762.83	5520.14	1991502.50	207134.81	2198637.31

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 23.96 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
B. First Year Operation									
Wage Rate increase 10% @ 396.85									
1	Part Nursery cost for maintainace of 1342 seedling per ha Rs. 1.55 per seedling (Wages Rs. 1.11, M & S Rs. 0.44)	11.68	4635.21	586.52	5221.73	279.85	111059.58	14053.02	125112.60
2	Refilling of pits with good quality soil a) Wages 1.66 M.D. per 100 pits b) 20% soil replacement. 20 cum per ha. Rs. 300/- per cum. c) Filling 5% farm yard manure in pits. 5 cum per ha. Rs. 700/- per cum.	18.44	7317.91	9500.00	16817.91	441.82	175337.22	227620.00	402957.22
3	Transporting of 1342 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs. 1 per seedlings)	1.55	615.12	1333.00	1948.12	37.14	14738.22	31938.68	46676.90
4	Plantation of agave suckers in 3 rows on TCM. (306 suckers per ha @ Rs. 500 per kg.)	1.00	396.85	981.00	1377.85	23.96	9508.53	23504.76	33013.29
5	Planting of seedling 1111 per ha. (1.00 M.D. per 100 seedling)	19.11	7583.80	0.00	7583.80	457.88	181707.93	0.00	181707.93
6	3 weedings and 2 soil workings (3.50 M.D. per 100 seedlings) fertilizer application Rs. 0.45 per seedling.	38.88	15429.53	500.00	15929.53	931.56	369691.49	11980.00	381671.49
7	Causality replacement (20% 220 seedling per ha.) (2 M.D. per 100 seedlings)	4.44	1762.01	0.00	1762.01	106.38	42217.86	0.00	42217.86
8	Part nursery cost for casualty replacement in SYO (220 seedlings per ha.) (wages Rs. 8.80 and material supply Rs. 1.76 total Rs. 10.56 per seedling)	7.78	3087.49	390.72	3478.21	186.41	73976.33	9361.65	83337.98
9	Watch and ward (10 months - 1 watcher per 10 ha.)	30.00	11905.50	0.00	11905.50	718.80	285255.78	0.00	285255.78
10	Fire tracing	2.00	793.70	0.00	793.70	47.92	19017.05	0.00	19017.05
	Total	134.88	53527.13	13291.24	66818.37	3231.72	1282509.99	318458.11	1600968.10
	Contingency 3%			2004.55	2004.55			48029.04	48029.04
	Labour Welfare 4%			2672.73	2672.73			64038.72	64038.72
	Grand Total	134.88	53527.13	17968.53	71495.65	3231.72	1282509.99	430525.88	1713035.86

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 23.96 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
C. Second Year Operation									
Wage Rate increase 10% @ 436.54									
1	Part nursery cost for seedlings for causality replacement (220 seedlings per ha.)	1.95	851.25	97.67	948.92	46.72	20396.02	2340.17	22736.20
2	Transportation of 220 seedlings for causality replacement including loadings & unloading (0.14 M.D. & M.S. Rs. 1 per 100 seedlings)	0.31	135.33	222.00	357.33	7.43	3242.44	5319.12	8561.56
3	Planting for causality replacement 220 seedlings (2.00 M.D. per seedlings)	4.44	1938.24	0.00	1938.24	106.38	46440.17	0.00	46440.17
4	2 weedings and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	27.77	12122.72	500.00	12622.72	665.37	290460.27	11980.00	302440.27
5	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	15933.71	0.00	15933.71	874.54	381771.69	0.00	381771.69
6	Fire tracing	2.00	873.08	0.00	873.08	47.92	20919.00	0.00	20919.00
	Total	72.97	31854.32	819.67	32673.99	1748.36	763229.60	19639.29	782868.89
	Contingency 3%			980.22	980.22			23486.07	23486.07
	Labour Welfare 4%			1306.96	1306.96			31314.76	31314.76
	Grand Total	72.97	31854.32	3106.85	34961.17	1748.36	763229.60	74440.12	837669.71
D. Third Year Operations									
Wage Rate increase 10% @ 480.19									
1	1 weedings and 1 soil working (1.50 M.D. per 100 seedlings)	16.67	8004.77	0.00	8004.77	399.41	191794.22	0.00	191794.22
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	17526.94	0.00	17526.94	874.54	419945.36	0.00	419945.36
3	Fire tracing	2.00	960.38	0.00	960.38	47.92	23010.70	0.00	23010.70
	Total	55.17	26492.08	0.00	26492.08	1321.87	634750.29	0.00	634750.29
	Contingency 3%			794.76	794.76			19042.51	19042.51
	Labour Welfare 4%			1059.68	1059.68			25390.01	25390.01
	Grand Total	55.17	26492.08	1854.45	28346.53	1321.87	634750.29	44432.52	679182.81
E. Fourth Year Operations									
Wage Rate increase 10% @ 528.21									
1	Fire tracing	2.00	1056.42	0.00	1056.42	47.92	25311.82	0.00	25311.82
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	19279.67	0.00	19279.67	874.54	461940.77	0.00	461940.77
	Total	38.50	20336.09	0.00	20336.09	922.46	487252.60	0.00	487252.60
	Contingency 3%			610.08	610.08			14617.58	14617.58
	Labour Welfare 4%			813.44	813.44			19490.10	19490.10
	Grand Total	38.50	20336.09	1423.53	21759.61	922.46	487252.60	34107.68	521360.28

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 23.96 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
F. Fifth Year Operations									
Wage Rate increase 10% @ 581.03									
1	Fire tracing	2.00	1162.06	0.00	1162.06	47.92	27842.96	0.00	27842.96
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	21207.60	0.00	21207.60	874.54	508133.98	0.00	508133.98
	Total	38.50	22369.66	0.00	22369.66	922.46	535976.93	0.00	535976.93
	Contingency 3%			671.09	671.09			16079.31	16079.31
	Labour Welfare 4%			894.79	894.79			21439.08	21439.08
	Grand Total	38.50	22369.66	1565.88	23935.53	922.46	535976.93	37518.39	573495.32
G. Sixth Year Operations.									
Wage Rate increase 10% @ 639.13									
1	Fire tracing	2.00	1278.26	0.00	1278.26	47.92	30627.11	0.00	30627.11
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	23328.25	0.00	23328.25	874.54	558944.75	0.00	558944.75
	Total	38.50	24606.51	0.00	24606.51	922.46	589571.86	0.00	589571.86
	Contingency 3%			738.20	738.20			17687.16	17687.16
	Labour Welfare 4%			984.26	984.26			23582.87	23582.87
	Grand Total	38.50	24606.51	1722.46	26328.96	922.46	589571.86	41270.03	630841.89
H. Seventh Year Operations									
Wage Rate increase 10% @ 703.04									
1	Fire tracing	2.00	1406.08	0.00	1406.08	47.92	33689.68	0.00	33689.68
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	25660.96	0.00	25660.96	874.54	614836.60	0.00	614836.60
	Total	38.50	27067.04	0.00	27067.04	922.46	648526.28	0.00	648526.28
	Contingency 3%			812.01	812.01			19455.79	19455.79
	Labour Welfare 4%			1082.68	1082.68			25941.05	25941.05
	Grand Total	38.50	27067.04	1894.69	28961.73	922.46	648526.28	45396.84	693923.12

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 23.96 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
I. Eighth Year Operations									
Wage Rate increase 10% @ 773.34									
1	Fire tracing	2.00	1546.68	0.00	1546.68	47.92	37058.45	0.00	37058.45
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	28226.91	0.00	28226.91	874.54	676316.76	0.00	676316.76
	Total	38.50	29773.59	0.00	29773.59	922.46	713375.22	0.00	713375.22
	Contingency 3%			893.21	893.21			21401.26	21401.26
	Labour Welfare 4%			1190.94	1190.94			28535.01	28535.01
	Grand Total	38.50	29773.59	2084.15	31857.74	922.46	713375.22	49936.27	763311.48
J. Ninth Year Operations									
Wage Rate increase 10% @ 850.67									
1	Fire tracing	2.00	1701.34	0.00	1701.34	47.92	40764.11	0.00	40764.11
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	31049.46	0.00	31049.46	874.54	743944.94	0.00	743944.94
	Total	38.50	32750.80	0.00	32750.80	922.46	784709.05	0.00	784709.05
	Contingency 3%			982.52	982.52			23541.27	23541.27
	Labour Welfare 4%			1310.03	1310.03			31388.36	31388.36
	Grand Total	38.50	32750.80	2292.56	35043.35	922.46	784709.05	54929.63	839638.68
K. Tenth Year Operations									
Wage Rate increase 10% @ 935.73									
1	Fire tracing	2.00	1871.46	0.00	1871.46	47.92	44840.18	0.00	44840.18
2	Watch and ward 12 months - 1 watcher per 10 ha.	36.50	34154.15	0.00	34154.15	874.54	818333.31	0.00	818333.31
	Total	38.50	36025.61	0.00	36025.61	922.46	863173.50	0.00	863173.50
	Contingency 3%			1080.77	1080.77			25895.20	25895.20
	Labour Welfare 4%			1441.02	1441.02			34526.94	34526.94
	Grand Total	38.50	36025.61	2521.79	38547.40	922.46	863173.50	60422.14	923595.64

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 23.96 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs.)
1	Pre-Monsoon works	230.39	83117.80	8645.03	91762.83	5520.14	1991502.50	207134.81	2198637.31
2	First Year Operation	134.88	53527.13	17968.53	71495.65	3231.72	1282509.99	430525.88	1713035.86
3	Second Year Operation	72.97	31854.32	3106.85	34961.17	1748.36	763229.60	74440.12	837669.71
4	Third Year Operation	55.17	26492.08	1854.45	28346.53	1321.87	634750.29	44432.52	679182.81
5	Fourth Year Operation	38.50	20336.09	1423.53	21759.61	922.46	487252.60	34107.68	521360.28
6	Fifth Year Operation	38.50	22369.66	1565.88	23935.53	922.46	535976.93	37518.39	573495.32
7	Sixth Year Operation	38.50	24606.51	1722.46	26328.96	922.46	589571.86	41270.03	630841.89
8	Seventh Year Operation	38.50	27067.04	1894.69	28961.73	922.46	648526.28	45396.84	693923.12
9	Eighth Year Operation	38.50	29773.59	2084.15	31857.74	922.46	713375.22	49936.27	763311.48
10	Ninth Year Operation	38.50	32750.80	2292.56	35043.35	922.46	784709.05	54929.63	839638.68
11	Tenth Year Operation	38.50	36025.61	2521.79	38547.40	922.46	863173.50	60422.14	923595.64
Total :-		762.91	387920.61	45079.90	433000.51	18279.32	9294577.80	1080114.30	10374692.11


 (A. L. Sonkusare)
 Divisional Forest Officer,
 Chandrapur Forest Division,
 Chandrapur

CERTIFICATE

Compensatory Afforestation Area Suitability Certificate

This is to certify that the undersigned has inspected the degraded forest area 23.96 Ha. under Compartment No. 1534 in Range Saoli as alternate land for compensatory afforestation in lieu of forest land required for the purpose of Hindustan Lalpeth Open Cast (Expansion) Mine. The said area is very much suitable for management point of view. Hence the same is recommended.

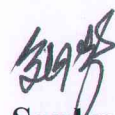
The details of degraded forest area for compensatory afforestation is given below.

Sr. No.	Taluka	Range	Round	Beat	Comptt. No.	Total Area In Ha.	Area Suitable For C.A. in Ha.
1.	Saoli	Saoli	Vyahad	Sirsi	1534	30.60	23.96

Date :- 24/02/2020

Place :- Chandrapur

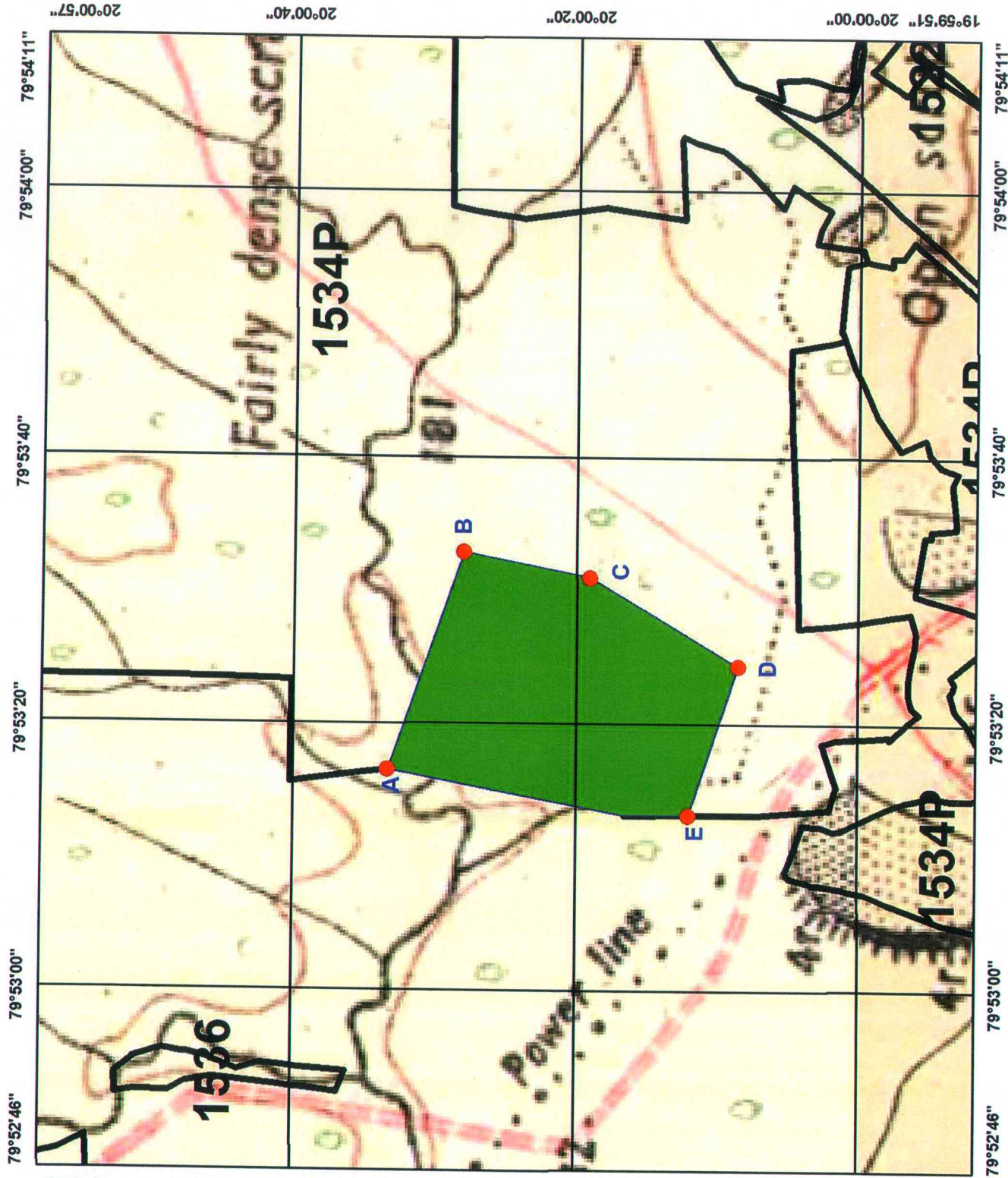



(A.L. Sonkusare)
Divisional Forest Officer,
Chandrapur Forest Division,
Chandrapur

CHANDRAPUR FOREST DIVISION CHANDRAPUR

PROPOSED 23.96 HA, DEGRADED FOREST LAND IN C.NO. 1534P FOR CA OF HINDUSTHAN LALPETH OPENCAST (EXPANSION) MINE

RANGE - SAWALI ROUND - VYAHAD BEAT - SIRSI



COORDINATES OF CA LAND

BP.NO	LATITUDE	LONGITUDE
A	20:00:33.36	79:53:19.32
B	20:00:27.96	79:53:32.88
C	20:00:19.08	79:53:31.02
D	20:00:08.46	79:53:24.36
E	20:00:12.6	79:53:12.24

INDEX



PROPOSED CA LAND



COMPTT BDY

Handwritten signature

(A.L.SONKUSARE)
DIVISIONAL FOREST OFFICER,
CHANDRAPUR FOREST DIVISION
CHANDRAPUR

CHANDRAPUR FOREST DIVISION

Range - Saoli Round - Vyahad Beat - Sirsi
Plot. No. 1534 Total Area - 30.60 Ha Workable Area - 23.96 Ha
Compensatory Afforestation of Hindusthan Lalpet (EXPN) OC Project

Legend
○ Saoli

13/09/23
(A.L. Sonkusare)
Divisional Forest Officer
Chandrapur Forest Division
Chandrapur

400 m



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