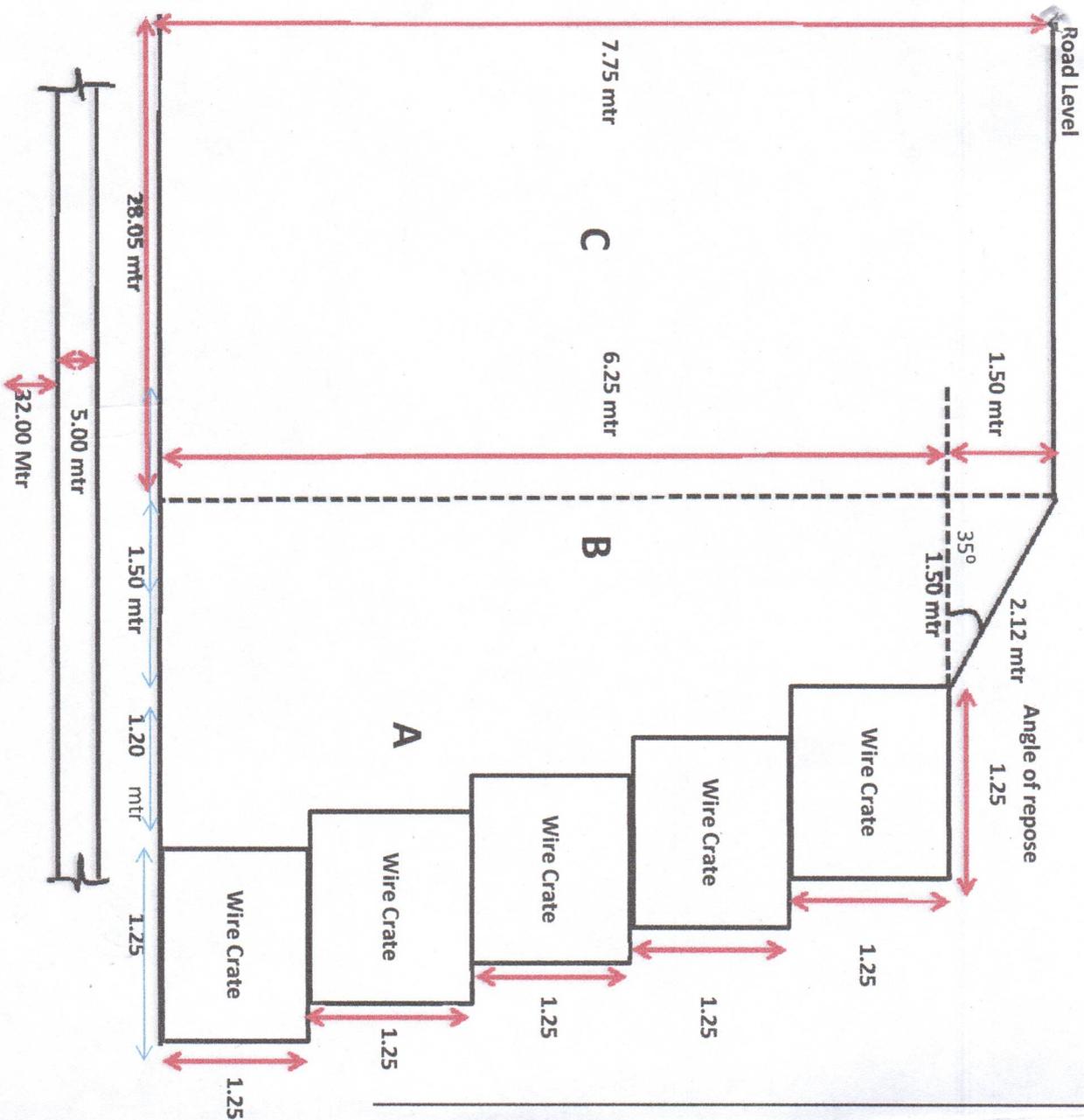


Muck Dumping Plan :- C/o Bamta kainchi to Mamuvi Pujarli (Shangroli) via Jagrah km. 0/0 to 5/355.



Total sectional area of Dumping Place

- (A). $0.3 (5+3.75+2.5+1.25) = 3.75 \text{ m}^2$
- (B). $1.5 \times 6.25 + 1/2 \times 1.5 \times 1.5 = 10.50 \text{ m}^2$
- (C). $28.05 \times 7.75 = 217.39 \text{ m}^2$

TOTAL :- 231.64 m²

Capacity of Dumping Place :-

231.64.64 x 35 = 8107.40 cum

Total D1 = 8107.40 Cum

AREA OF DUMPING PLACE

D1 = 00-11-20 hac.

Wire Crates :-

5x14x2.50x1.25x1.25=273.44 Cum

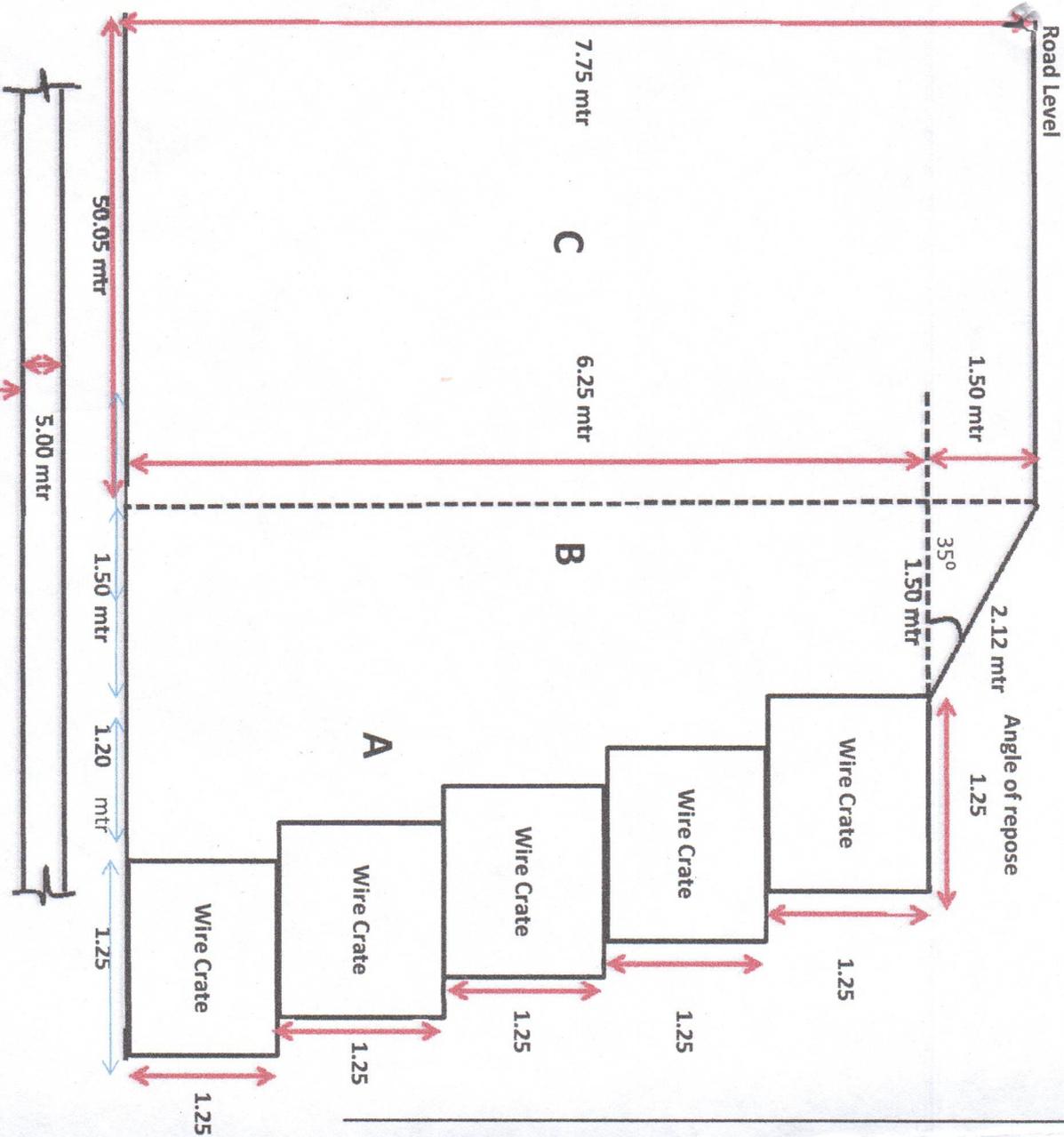
Boulders :-

- 35 x 1.5 x 6.25 = 328.13 Cum
 - 35 x 0.3 x 5 = 52.50 Cum
 - 35 x 0.3 x 3.75 = 39.38 Cum
 - 35 x 0.3 x 2.50 = 26.25 Cum
 - 35 x 0.3 x 1.25 = 13.13 Cum
- TOTAL : 459.38 Cum

Executive Engineer,
B&R Division
H&WD Chopal

Deputy Conservator of Forests
Chopal Forest Division

Muck Dumping Plan :- C/o Bamta kainchi to Mamuvi Pujarli (Shangroli) via Jagrah km. 0/0 to 5/355.



Total sectional area of Dumping Place

- (A). $0.3 (5+3.75+2.5+1.25) = 3.75 \text{ m}^2$
- (B). $1.5 \times 6.25 + 1/2 \times 1.5 \times 1.5 = 10.50 \text{ m}^2$
- (C). $50.05 \times 7.75 = 387.89 \text{ m}^2$

TOTAL :- 402.14 m²

Capacity of Dumping Place :-

402.14.64 x 50 = 20107.00 cum

Total D2 = 20107.00 Cum

AREA OF DUMPING PLACE

D2 = 00-27-00 hac.

Wire Crates :-

5x20x2.50x1.25x1.25=976.56 Cum

Boulders :-

50 x 1.5 x 6.25 = 468.75 Cum

50 x 0.3 x 5 = 75.00 Cum

50 x 0.3 x 3.75 = 56.25 Cum

50 x 0.3 x 2.50 = 37.50 Cum

50 x 0.3 x 1.25 = 18.75 Cum

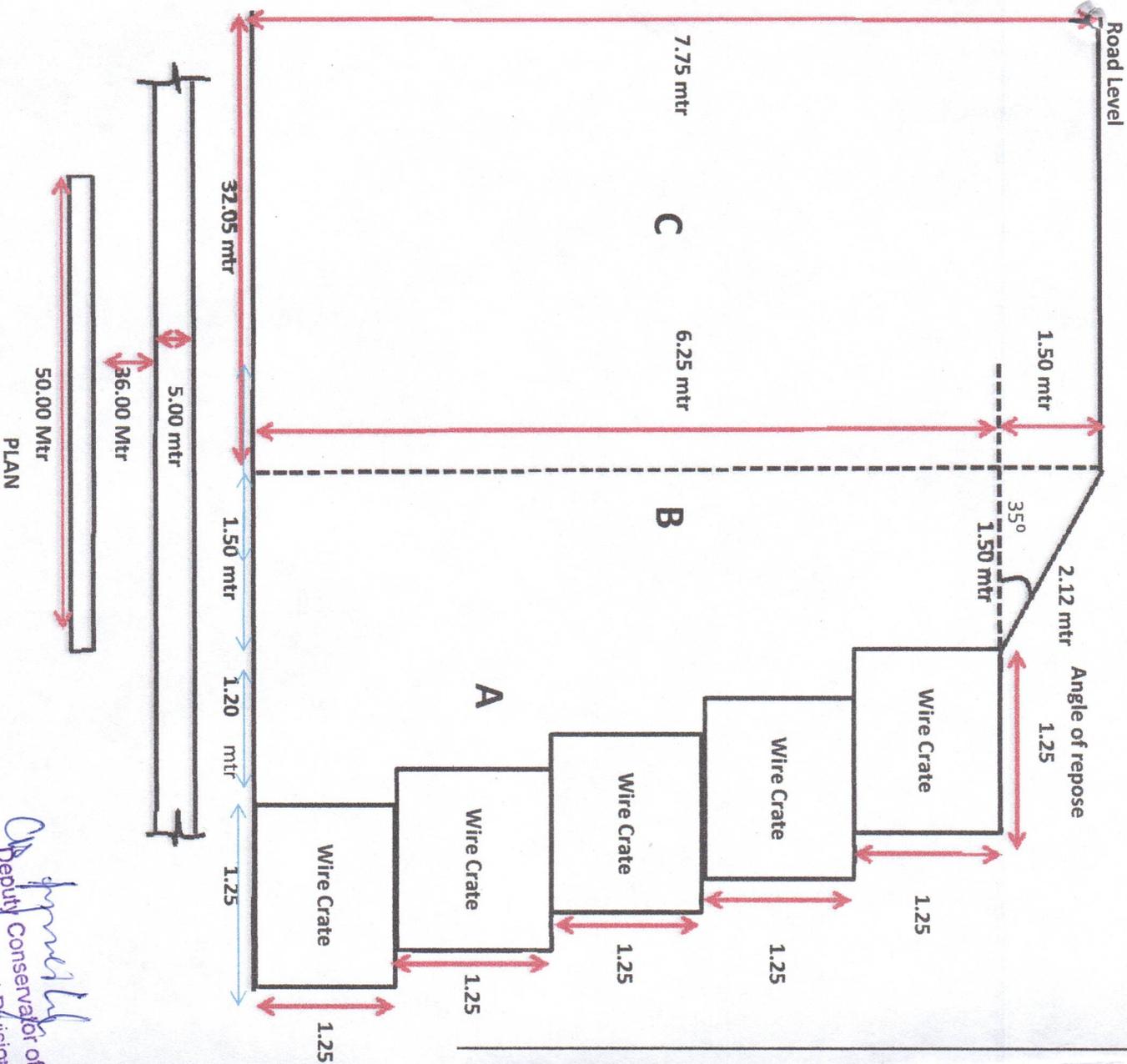
TOTAL : 656.25 Cum

Executive Engineer
B&R Division
HPWD Chopal

Deputy Conservator of Forests
Chopal Forest Division

50.00 Mtr
PLAN

Muck Dumping Plan :- C/o Bamta kainchi to Mamuvi Pujarli (Shangroli) via Jagrah km. 0/0 to 5/355.



Total sectional area of Dumping Place

- (A). $0.3 (5+3.75+2.5+1.25) = 3.75 \text{ m}^2$
- (B). $1.5 \times 6.25 + 1/2 \times 1.5 \times 1.5 = 10.50 \text{ m}^2$
- (C). $32.05 \times 7.75 = 248.39 \text{ m}^2$

TOTAL :- 262.64 m²

Capacity of Dumping Place :-

262.64 x 50 = 13132 cum

Total D3 = 13132 Cum

AREA OF DUMPING PLACE

D3 = 00-18-00 hac.

Wire Crates :-

5x20x2.50x1.25x1.25=976.56 Cum

Boulders :-

50 x 1.5 x 6.25 = 468.75 Cum

50 x 0.3 x 5 = 75.00 Cum

50 x 0.3 x 3.75 = 56.25 Cum

50 x 0.3 x 2.50 = 37.50 Cum

50 x 0.3 x 1.25 = 18.75 Cum

TOTAL : 656.25 Cum

[Signature]
Deputy Conservator of Forests
Chopal Forest Division

[Signature]
Executive Engineer
B&R Division
BPPWD Chopal

Muck Disposal Plan

Name of work : C/o Bamta kainchi to Mamuvi Pujarli (Shangroli) via Jagrah km. 0/0 to 5/355

1	Total quantity of muck being produced.	35443.48
2	Deduction	1772.17
	Deduction for useful stone as required under the clause of agreement to be executed by the contractor and Executive Engineer of Project implementing unit division on behalf of Governor of H.P. for using in project.	
	Net balance quantity of debris/Muck.	33671.30
3	Quantity available on site with swell factor @ 40% of (A)	13468.52
	Grand Total (B)	47139.82
	Deduction	
	(i) Deduction for material required for the construction of dumping place in dry masonry wall @ 5% of (B)	-2356.99
	(ii) Less for material/Muck required for the levelling of the proposed road @ 15% of (B)	-7070.97
	Net Qty.(C)	
4	Net Material/Muck to be dumped in dumping site (B-C) in cum	37711.86
	In tonne	23569.91
5	Proposed dumping sites.	3 Nos.
	Material/Muck left at the site which required carriage for the proper dumping at the recognized site as per the instructions of forest and Environment Ministry reinforced by various judgements of the Apex court Govt. of India.	

EXECUTIVE ENGINEER
HPPWD Division,
Chopral Forest Division
Deputy Conservator of Forests
Chopral Forest Division

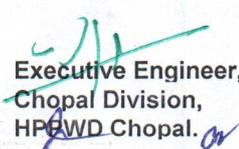
Executive Engineer,
HPPWD Division,
HPPWD Chopral.

MUCK DUMPING CAPACITY PLAN

Name of work : C/o Bamta kainchi to Mamuvi Pujarli (Shangroli) via Jagrah km. 0/0 to 5/355.

Sl. No.	Dumping site place.	R.D.	Design annexed	Capacity (in cum)	Remarks
1	Bamta	0/570 to 0/605	D1	8107.40	Muck generated in the entire length of road will be used in all dumping places as per muck dumping capacity.
2	DPF Bamta	2/190 to 2/240	D2	20107.00	
3	DPF Shangroli	3/780 to 3/830	D3	13132.00	
TOTAL				41346.40	


 Deputy Conservator of Forests
 Chopal Forest Division


 Executive Engineer,
 Chopal Division,
 HPDWD Chopal.

Sl. No.	Dumping site place.	R.D.	Design annexed	Capacity (in cum)	Remarks
1	Bamta	0/570 to 0/605	D1	8107.40	Muck generated in the entire length of road will be used in all dumping places as per muck dumping capacity.
2	DPF Bamta	2/190 to 2/240	D2	20107.00	
3	DPF Shangroli	3/780 to 3/830	D3	13132.00	
TOTAL				41346.40	

Executive Engineer,
 Chopal Division,
 HPDWD Chopal.

Detail of measurement

Name of work : C/o Bamta kainchi to Mamuvi Pujarli (Shangroli) via Jagrah km. 0/0 to 5/355
(SH: F/C between km . 0/0 to 5/355).

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
1	0/0.	5.36	0	0	0	0	0	0	0	0	0	0	0
2	15	5.83	5.60	15	83.93	70%	20%	10%	0%	58.75	16.79	8.39	0.00
3	30	5.36	5.60	15	83.93	70%	20%	10%	0%	58.75	16.79	8.39	0.00
4	45	5.63	5.50	15	82.43	70%	20%	10%	0%	57.70	16.49	8.24	0.00
5	60	5.63	5.63	15	84.45	70%	20%	10%	0%	59.12	16.89	8.45	0.00
6	75	5.67	5.65	15	84.75	70%	20%	10%	0%	59.33	16.95	8.48	0.00
7	90	5.55	5.61	15	84.15	70%	20%	10%	0%	58.91	16.83	8.42	0.00
8	105	5.05	5.30	15	79.50	70%	20%	10%	0%	55.65	15.90	7.95	0.00
9	120	5.94	5.50	15	82.43	70%	20%	10%	0%	57.70	16.49	8.24	0.00
10	135	6.25	6.10	15	91.43	70%	20%	10%	0%	64.00	18.29	9.14	0.00
11	150	6.65	6.45	15	96.75	70%	20%	10%	0%	67.73	19.35	9.68	0.00
12	165	7.93	7.29	15	109.35	70%	20%	10%	0%	76.55	21.87	10.94	0.00
13	180	7.50	7.72	15	115.73	70%	20%	10%	0%	81.01	23.15	11.57	0.00
14	195	7.21	7.36	15	110.33	70%	20%	10%	0%	77.23	22.07	11.03	0.00
15	210	7.76	7.49	15	112.28	70%	20%	10%	0%	78.59	22.46	11.23	0.00
16	225	7.79	7.78	15	116.63	70%	20%	10%	0%	81.64	23.33	11.66	0.00
17	240	7.69	7.74	15	116.10	70%	20%	10%	0%	81.27	23.22	11.61	0.00
18	255	7.10	7.40	15	110.93	70%	20%	10%	0%	77.65	22.19	11.09	0.00
19	270	7.40	7.25	15	108.75	70%	20%	10%	0%	76.13	21.75	10.88	0.00
20	285	7.08	7.24	15	108.60	70%	20%	10%	0%	76.02	21.72	10.86	0.00
21	300	7.00	7.04	15	105.60	70%	20%	10%	0%	73.92	21.12	10.56	0.00
22	315	6.25	6.63	15	99.38	70%	20%	10%	0%	69.56	19.88	9.94	0.00
23	330	5.83	6.04	15	90.60	70%	20%	10%	0%	63.42	18.12	9.06	0.00
24	345	5.67	5.75	15	86.25	70%	20%	0%	0%	60.38	17.25	8.63	0.00
25	360	5.12	5.40	15	80.93	70%	20%	0%	0%	56.65	16.19	8.09	0.00
26	375	5.78	5.45	15	81.75	70%	20%	10%	0%	57.23	16.35	8.18	0.00
27	390	5.41	5.60	15	83.93	70%	20%	10%	0%	58.75	16.79	8.39	0.00
28	405	5.93	5.67	15	85.05	70%	20%	10%	0%	59.54	17.01	8.51	0.00
29	420	5.25	5.59	15	83.85	70%	20%	10%	0%	58.70	16.77	8.39	0.00
30	435	5.58	5.42	15	81.23	70%	20%	10%	0%	56.86	16.25	8.12	0.00
31	450	5.62	5.60	15	84.00	70%	20%	10%	0%	58.80	16.80	8.40	0.00
32	465	5.70	5.66	15	84.90	70%	20%	10%	0%	59.43	16.98	8.49	0.00
33	480	6.40	6.05	15	90.75	70%	20%	10%	0%	63.53	18.15	9.08	0.00
34	495	6.93	6.67	15	99.98	70%	20%	10%	0%	69.98	20.00	10.00	0.00
35	510	7.93	7.43	15	111.45	70%	20%	10%	0%	78.02	22.29	11.15	0.00
36	525	7.50	7.72	15	115.73	70%	20%	10%	0%	81.01	23.15	11.57	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
37	540	6.94	7.22	15	108.30	70%	20%	10%	0%	75.81	21.66	10.83	0.00
38	555	6.25	6.60	15	98.93	70%	20%	10%	0%	69.25	19.79	9.89	0.00
39	570	5.65	5.95	15	89.25	70%	20%	10%	0%	62.48	17.85	8.93	0.00
40	585	5.43	5.54	15	83.10	70%	20%	10%	0%	58.17	16.62	8.31	0.00
41	600	5.40	5.42	15	81.23	70%	20%	10%	0%	56.86	16.25	8.12	0.00
42	615	7.50	6.45	15	96.75	70%	20%	10%	0%	67.73	19.35	9.68	0.00
43	630	7.21	7.36	15	110.33	70%	20%	10%	0%	77.23	22.07	11.03	0.00
44	645	7.76	7.49	15	112.28	70%	20%	10%	0%	78.59	22.46	11.23	0.00
45	660	7.79	7.78	15	116.63	50%	30%	20%	0%	58.31	34.99	23.33	0.00
46	675	7.69	7.74	15	116.10	50%	30%	20%	0%	58.05	34.83	23.22	0.00
47	690	7.10	7.40	15	110.93	50%	30%	20%	0%	55.46	33.28	22.19	0.00
48	705	7.40	7.25	15	108.75	50%	30%	20%	0%	54.38	32.63	21.75	0.00
49	720	7.08	7.24	15	108.60	50%	30%	20%	0%	54.30	32.58	21.72	0.00
50	735	7.00	7.04	15	105.60	50%	30%	20%	0%	52.80	31.68	21.12	0.00
51	750	6.65	6.83	15	102.38	50%	30%	20%	0%	51.19	30.71	20.48	0.00
52	765	6.25	6.45	15	96.75	50%	30%	20%	0%	48.38	29.03	19.35	0.00
53	780	5.12	5.69	15	85.28	50%	30%	20%	0%	42.64	25.58	17.06	0.00
54	795	5.78	5.45	15	81.75	50%	30%	20%	0%	40.88	24.53	16.35	0.00
55	810	5.41	5.60	15	83.93	50%	30%	20%	0%	41.96	25.18	16.79	0.00
56	825	5.93	5.67	15	85.05	50%	30%	20%	0%	42.53	25.52	17.01	0.00
57	840	5.25	5.59	15	83.85	50%	30%	20%	0%	41.93	25.16	16.77	0.00
58	855	5.58	5.42	15	81.23	50%	30%	20%	0%	40.61	24.37	16.25	0.00
59	870	5.62	5.60	15	84.00	50%	30%	20%	0%	42.00	25.20	16.80	0.00
60	885	5.70	5.66	15	84.90	50%	30%	20%	0%	42.45	25.47	16.98	0.00
61	900	5.40	5.55	15	83.25	50%	30%	20%	0%	41.63	24.98	16.65	0.00
62	915	5.93	5.67	15	84.98	50%	30%	20%	0%	42.49	25.49	17.00	0.00
63	930	7.50	6.72	15	100.73	50%	30%	20%	0%	50.36	30.22	20.15	0.00
64	945	7.21	7.36	15	110.33	50%	30%	20%	0%	55.16	33.10	22.07	0.00
65	960	7.76	7.49	15	112.28	50%	30%	20%	0%	56.14	33.68	22.46	0.00
66	975	7.79	7.78	15	116.63	50%	30%	20%	0%	58.31	34.99	23.33	0.00
67	990	7.69	7.74	10	77.40	50%	30%	20%	0%	38.70	23.22	15.48	0.00
68	1/0.	7.10	7.40	15	110.93	50%	30%	20%	0%	55.46	33.28	22.19	0.00
69	15	7.40	7.25	15	108.75	50%	30%	20%	0%	54.38	32.63	21.75	0.00
70	30	7.08	7.24	15	108.60	50%	30%	20%	0%	54.30	32.58	21.72	0.00
71	45	7.00	7.04	15	105.60	50%	30%	20%	0%	52.80	31.68	21.12	0.00
72	60	6.65	6.83	15	102.38	50%	30%	20%	0%	51.19	30.71	20.48	0.00
73	75	6.25	6.45	15	96.75	50%	30%	20%	0%	48.38	29.03	19.35	0.00
74	90	5.20	5.73	15	85.88	50%	30%	20%	0%	42.94	25.76	17.18	0.00
75	105	5.89	5.55	15	83.18	50%	30%	20%	0%	41.59	24.95	16.64	0.00
76	120	7.62	6.76	15	101.33	50%	30%	20%	0%	50.66	30.40	20.27	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
77	135	5.63	6.63	15	99.38	50%	30%	20%	0%	49.69	29.81	19.88	0.00
78	150	5.67	5.65	15	84.75	50%	30%	20%	0%	42.38	25.43	16.95	0.00
79	165	5.55	5.61	15	84.15	50%	30%	20%	0%	42.08	25.25	16.83	0.00
80	180	5.05	5.30	15	79.50	50%	30%	20%	0%	39.75	23.85	15.90	0.00
81	195	5.94	5.50	7	38.47	50%	30%	20%	0%	19.23	11.54	7.69	0.00
82	210	5.25	5.60	8	44.76	50%	30%	20%	0%	22.38	13.43	8.95	0.00
83	225	5.65	5.45	15	81.75	50%	30%	20%	0%	40.88	24.53	16.35	0.00
84	240	5.43	5.54	15	83.10	50%	30%	20%	0%	41.55	24.93	16.62	0.00
85	255	5.40	5.42	15	81.23	50%	30%	20%	0%	40.61	24.37	16.25	0.00
86	270	7.50	6.45	15	96.75	50%	30%	20%	0%	48.38	29.03	19.35	0.00
87	285	7.21	7.36	15	110.33	50%	30%	20%	0%	55.16	33.10	22.07	0.00
88	300	7.76	7.49	15	112.28	50%	30%	20%	0%	56.14	33.68	22.46	0.00
89	315	7.79	7.78	15	116.63	50%	30%	20%	0%	58.31	34.99	23.33	0.00
90	330	7.69	7.74	15	116.10	50%	30%	20%	0%	58.05	34.83	23.22	0.00
91	345	7.10	7.40	15	110.93	50%	30%	20%	0%	55.46	33.28	22.19	0.00
92	360	7.40	7.25	15	108.75	50%	30%	20%	0%	54.38	32.63	21.75	0.00
93	375	7.08	7.24	15	108.60	50%	30%	20%	0%	54.30	32.58	21.72	0.00
94	390	7.00	7.04	15	105.60	50%	30%	20%	0%	52.80	31.68	21.12	0.00
95	405	6.65	6.83	15	102.38	50%	30%	20%	0%	51.19	30.71	20.48	0.00
96	420	6.25	6.45	15	96.75	50%	30%	20%	0%	48.38	29.03	19.35	0.00
97	435	5.12	5.69	15	85.28	50%	30%	20%	0%	42.64	25.58	17.06	0.00
98	450	5.78	5.45	15	81.75	50%	30%	20%	0%	40.88	24.53	16.35	0.00
99	465	5.41	5.60	15	83.93	50%	30%	20%	0%	41.96	25.18	16.79	0.00
100	480	5.93	5.67	15	85.05	50%	30%	20%	0%	42.53	25.52	17.01	0.00
101	495	5.25	5.59	15	83.85	50%	30%	20%	0%	41.93	25.16	16.77	0.00
102	510	5.58	5.42	15	81.23	50%	30%	20%	0%	40.61	24.37	16.25	0.00
103	525	5.62	5.60	15	84.00	60%	20%	20%	0%	50.40	16.80	16.80	0.00
104	540	5.70	5.66	15	84.90	60%	20%	20%	0%	50.94	16.98	16.98	0.00
105	555	5.40	5.55	15	83.25	60%	20%	20%	0%	49.95	16.65	16.65	0.00
106	570	5.93	5.67	15	84.98	60%	20%	20%	0%	50.99	17.00	17.00	0.00
107	585	7.93	6.93	15	103.95	60%	20%	20%	0%	62.37	20.79	20.79	0.00
108	600	7.50	7.72	15	115.73	60%	20%	20%	0%	69.44	23.15	23.15	0.00
109	615	7.21	7.36	15	110.33	60%	20%	20%	0%	66.20	22.07	22.07	0.00
110	630	7.76	7.49	15	112.28	60%	20%	20%	0%	67.37	22.46	22.46	0.00
111	645	6.79	7.28	15	109.13	60%	20%	20%	0%	65.48	21.83	21.83	0.00
112	660	7.69	7.24	15	108.60	60%	20%	20%	0%	65.16	21.72	21.72	0.00
113	675	7.10	7.40	15	110.93	60%	20%	20%	0%	66.56	22.19	22.19	0.00
114	690	7.40	7.25	15	108.75	60%	20%	20%	0%	65.25	21.75	21.75	0.00
115	705	7.08	7.24	15	108.60	60%	20%	20%	0%	65.16	21.72	21.72	0.00
116	720	7.00	7.04	15	105.60	60%	20%	20%	0%	63.36	21.12	21.12	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
117	735	6.94	6.97	15	104.55	60%	20%	20%	0%	62.73	20.91	20.91	0.00
118	750	6.25	6.60	15	98.93	60%	20%	20%	0%	59.36	19.79	19.79	0.00
119	765	6.65	6.45	15	96.75	60%	20%	20%	0%	58.05	19.35	19.35	0.00
120	780	6.43	6.54	15	98.10	60%	20%	20%	0%	58.86	19.62	19.62	0.00
121	795	6.40	6.42	15	96.23	60%	20%	20%	0%	57.74	19.25	19.25	0.00
122	810	7.50	6.95	15	104.25	60%	20%	20%	0%	62.55	20.85	20.85	0.00
123	825	7.21	7.36	15	110.33	60%	20%	20%	0%	66.20	22.07	22.07	0.00
124	840	7.76	7.49	15	112.28	60%	20%	20%	0%	67.37	22.46	22.46	0.00
125	855	7.79	7.78	15	116.63	60%	20%	20%	0%	69.98	23.33	23.33	0.00
126	870	7.69	7.74	15	116.10	60%	20%	20%	0%	69.66	23.22	23.22	0.00
127	885	7.10	7.40	15	110.93	60%	20%	20%	0%	66.56	22.19	22.19	0.00
128	900	7.40	7.25	15	108.75	60%	20%	20%	0%	65.25	21.75	21.75	0.00
129	915	7.08	7.24	15	108.60	60%	20%	20%	0%	65.16	21.72	21.72	0.00
130	930	7.00	7.04	15	105.60	60%	20%	20%	0%	63.36	21.12	21.12	0.00
131	945	7.50	7.25	15	108.75	60%	20%	20%	0%	65.25	21.75	21.75	0.00
132	960	7.21	7.36	15	110.33	60%	20%	20%	0%	66.20	22.07	22.07	0.00
133	975	7.76	7.49	15	112.28	60%	20%	20%	0%	67.37	22.46	22.46	0.00
134	990	7.79	7.78	10	77.75	60%	20%	20%	0%	46.65	15.55	15.55	0.00
135	2/0.	7.69	7.74	15	116.10	60%	20%	20%	0%	69.66	23.22	23.22	0.00
136	15	7.10	7.40	15	110.93	60%	20%	20%	0%	66.56	22.19	22.19	0.00
137	30	7.40	7.25	15	108.75	60%	20%	20%	0%	65.25	21.75	21.75	0.00
138	45	7.08	7.24	15	108.60	60%	20%	20%	0%	65.16	21.72	21.72	0.00
139	60	7.00	7.04	15	105.60	60%	20%	20%	0%	63.36	21.12	21.12	0.00
140	75	5.70	6.35	15	95.25	60%	20%	20%	0%	57.15	19.05	19.05	0.00
141	90	5.40	5.55	15	83.25	60%	20%	20%	0%	49.95	16.65	16.65	0.00
142	105	5.93	5.67	15	84.98	60%	20%	20%	0%	50.99	17.00	17.00	0.00
143	120	7.50	6.72	15	100.73	60%	20%	20%	0%	60.44	20.15	20.15	0.00
144	135	7.21	7.36	15	110.33	60%	20%	20%	0%	66.20	22.07	22.07	0.00
145	150	7.76	7.49	15	112.28	60%	20%	20%	0%	67.37	22.46	22.46	0.00
146	165	7.79	7.78	15	116.63	60%	20%	20%	0%	69.98	23.33	23.33	0.00
147	180	7.69	7.74	15	116.10	60%	20%	20%	0%	69.66	23.22	23.22	0.00
148	195	7.10	7.40	15	110.93	60%	20%	20%	0%	66.56	22.19	22.19	0.00
149	210	7.40	7.25	15	108.75	60%	20%	20%	0%	65.25	21.75	21.75	0.00
150	225	7.08	7.24	15	108.60	60%	20%	20%	0%	65.16	21.72	21.72	0.00
151	240	7.00	7.04	15	105.60	60%	20%	20%	0%	63.36	21.12	21.12	0.00
152	255	6.65	6.83	15	102.38	60%	20%	20%	0%	61.43	20.48	20.48	0.00
153	270	6.25	6.45	15	96.75	60%	20%	20%	0%	58.05	19.35	19.35	0.00
154	285	5.20	5.73	15	85.88	60%	20%	20%	0%	51.53	17.18	17.18	0.00
155	300	5.89	5.55	15	83.18	60%	20%	20%	0%	49.91	16.64	16.64	0.00
156	315	7.62	6.76	15	101.33	60%	20%	20%	0%	60.80	20.27	20.27	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
157	330	7.50	7.56	15	113.40	60%	20%	20%	0%	68.04	22.68	22.68	0.00
158	345	7.21	7.36	15	110.33	60%	20%	20%	0%	66.20	22.07	22.07	0.00
159	360	7.76	7.49	15	112.28	60%	20%	20%	0%	67.37	22.46	22.46	0.00
160	375	7.79	7.78	15	116.63	60%	20%	20%	0%	69.98	23.33	23.33	0.00
161	390	7.69	7.74	15	116.10	60%	20%	20%	0%	69.66	23.22	23.22	0.00
162	405	7.10	7.40	15	110.93	60%	20%	20%	0%	66.56	22.19	22.19	0.00
163	420	7.40	7.25	15	108.75	60%	20%	20%	0%	65.25	21.75	21.75	0.00
164	435	7.08	7.24	15	108.60	60%	20%	20%	0%	65.16	21.72	21.72	0.00
165	450	7.00	7.04	15	105.60	60%	20%	20%	0%	63.36	21.12	21.12	0.00
166	465	6.65	6.83	15	102.38	60%	20%	20%	0%	61.43	20.48	20.48	0.00
167	480	6.25	6.45	15	96.75	60%	20%	20%	0%	58.05	19.35	19.35	0.00
168	495	5.26	5.76	15	86.33	50%	20%	30%	0%	43.16	17.27	25.90	0.00
169	510	5.35	5.31	15	79.58	50%	20%	30%	0%	39.79	15.92	23.87	0.00
170	525	5.23	5.29	15	79.35	50%	20%	30%	0%	39.68	15.87	23.81	0.00
171	540	5.19	5.21	15	78.15	50%	20%	30%	0%	39.08	15.63	23.45	0.00
172	555	5.76	5.48	15	82.13	50%	20%	30%	0%	41.06	16.43	24.64	0.00
173	570	5.10	5.43	15	81.45	50%	20%	30%	0%	40.73	16.29	24.44	0.00
174	585	5.99	5.55	15	83.18	50%	20%	30%	0%	41.59	16.64	24.95	0.00
175	600	5.91	5.95	15	89.25	50%	20%	30%	0%	44.63	17.85	26.78	0.00
176	615	7.50	6.71	15	100.58	50%	20%	30%	0%	50.29	20.12	30.17	0.00
177	630	7.21	7.36	15	110.33	50%	20%	30%	0%	55.16	22.07	33.10	0.00
178	645	7.76	7.49	15	112.28	50%	20%	30%	0%	56.14	22.46	33.68	0.00
179	660	7.79	7.78	15	116.63	50%	20%	30%	0%	58.31	23.33	34.99	0.00
180	675	7.69	7.74	15	116.10	50%	20%	30%	0%	58.05	23.22	34.83	0.00
181	690	7.10	7.40	15	110.93	50%	20%	30%	0%	55.46	22.19	33.28	0.00
182	705	7.40	7.25	15	108.75	50%	20%	30%	0%	54.38	21.75	32.63	0.00
183	720	7.08	7.24	15	108.60	50%	20%	30%	0%	54.30	21.72	32.58	0.00
184	735	7.00	7.04	15	105.60	50%	20%	30%	0%	52.80	21.12	31.68	0.00
185	750	6.65	6.83	15	102.38	50%	20%	30%	0%	51.19	20.48	30.71	0.00
186	765	6.25	6.45	15	96.75	50%	20%	30%	0%	48.38	19.35	29.03	0.00
187	780	5.32	5.79	15	86.78	50%	20%	30%	0%	43.39	17.36	26.03	0.00
188	795	5.10	5.21	15	78.15	50%	20%	30%	0%	39.08	15.63	23.45	0.00
189	810	5.20	5.15	15	77.25	50%	20%	30%	0%	38.63	15.45	23.18	0.00
190	825	5.10	5.15	15	77.25	50%	20%	30%	0%	38.63	15.45	23.18	0.00
191	840	6.87	5.99	15	89.78	50%	20%	30%	0%	44.89	17.96	26.93	0.00
192	855	7.76	7.32	15	109.73	50%	20%	30%	0%	54.86	21.95	32.92	0.00
193	870	6.44	7.10	15	106.50	50%	20%	30%	0%	53.25	21.30	31.95	0.00
194	885	6.82	6.63	15	99.45	50%	20%	30%	0%	49.73	19.89	29.84	0.00
195	900	7.34	7.08	15	106.20	50%	20%	30%	0%	53.10	21.24	31.86	0.00
196	915	6.04	6.69	15	100.35	50%	20%	30%	0%	50.18	20.07	30.11	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
197	930	7.50	6.77	15	101.55	50%	20%	30%	0%	50.78	20.31	30.47	0.00
198	945	7.21	7.36	15	110.33	50%	20%	30%	0%	55.16	22.07	33.10	0.00
199	960	7.76	7.49	15	112.28	50%	20%	30%	0%	56.14	22.46	33.68	0.00
200	975	7.79	7.78	15	116.63	50%	20%	30%	0%	58.31	23.33	34.99	0.00
201	990	7.69	7.74	10	77.40	50%	20%	30%	0%	38.70	15.48	23.22	0.00
202	3/0.	7.10	7.40	15	110.93	50%	20%	30%	0%	55.46	22.19	33.28	0.00
203	15	7.40	7.25	15	108.75	50%	20%	30%	0%	54.38	21.75	32.63	0.00
204	30	7.08	7.24	15	108.60	50%	20%	30%	0%	54.30	21.72	32.58	0.00
205	45	7.00	7.04	15	105.60	50%	20%	30%	0%	52.80	21.12	31.68	0.00
206	60	6.65	6.83	15	102.38	50%	20%	30%	0%	51.19	20.48	30.71	0.00
207	75	6.25	6.45	15	96.75	50%	20%	30%	0%	48.38	19.35	29.03	0.00
208	90	5.12	5.69	15	85.28	50%	20%	30%	0%	42.64	17.06	25.58	0.00
209	105	5.78	5.45	15	81.75	50%	20%	30%	0%	40.88	16.35	24.53	0.00
210	120	5.41	5.60	15	83.93	50%	20%	30%	0%	41.96	16.79	25.18	0.00
211	135	5.93	5.67	15	85.05	50%	20%	30%	0%	42.53	17.01	25.52	0.00
212	150	5.25	5.59	15	83.85	50%	20%	30%	0%	41.93	16.77	25.16	0.00
213	165	5.58	5.42	15	81.23	50%	20%	30%	0%	40.61	16.25	24.37	0.00
214	180	5.62	5.60	15	84.00	50%	20%	30%	0%	42.00	16.80	25.20	0.00
215	195	5.70	5.66	15	84.90	50%	20%	30%	0%	42.45	16.98	25.47	0.00
216	210	5.40	5.55	15	83.25	50%	20%	30%	0%	41.63	16.65	24.98	0.00
217	225	5.93	5.67	15	84.98	50%	20%	30%	0%	42.49	17.00	25.49	0.00
218	240	7.50	6.72	15	100.73	50%	20%	30%	0%	50.36	20.15	30.22	0.00
219	255	7.21	7.36	15	110.33	50%	20%	30%	0%	55.16	22.07	33.10	0.00
220	270	7.76	7.49	15	112.28	50%	20%	30%	0%	56.14	22.46	33.68	0.00
221	285	7.79	7.78	15	116.63	50%	20%	30%	0%	58.31	23.33	34.99	0.00
222	300	7.69	7.74	15	116.10	50%	20%	30%	0%	58.05	23.22	34.83	0.00
223	315	7.10	7.40	15	110.93	50%	20%	30%	0%	55.46	22.19	33.28	0.00
224	330	7.40	7.25	15	108.75	50%	20%	30%	0%	54.38	21.75	32.63	0.00
225	345	7.08	7.24	15	108.60	50%	20%	30%	0%	54.30	21.72	32.58	0.00
226	360	7.00	7.04	15	105.60	50%	20%	30%	0%	52.80	21.12	31.68	0.00
227	375	6.65	6.83	15	102.38	50%	20%	30%	0%	51.19	20.48	30.71	0.00
228	390	6.25	6.45	15	96.75	50%	20%	30%	0%	48.38	19.35	29.03	0.00
229	405	7.00	6.63	15	99.38	50%	20%	30%	0%	49.69	19.88	29.81	0.00
230	420	7.29	7.15	15	107.18	50%	20%	30%	0%	53.59	21.44	32.15	0.00
231	435	7.90	7.60	15	113.93	50%	20%	30%	0%	56.96	22.79	34.18	0.00
232	450	7.41	7.66	15	114.83	50%	20%	30%	0%	57.41	22.97	34.45	0.00
233	465	7.59	7.50	15	112.50	50%	20%	30%	0%	56.25	22.50	33.75	0.00
234	480	6.32	6.96	15	104.33	50%	20%	30%	0%	52.16	20.87	31.30	0.00
235	495	6.15	6.24	15	93.53	50%	20%	30%	0%	46.76	18.71	28.06	0.00
236	510	6.19	6.17	15	92.55	50%	20%	30%	0%	46.28	18.51	27.77	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
237	525	5.75	5.97	15	89.55	50%	20%	30%	0%	44.78	17.91	26.87	0.00
238	540	5.63	5.69	15	85.35	50%	20%	30%	0%	42.68	17.07	25.61	0.00
239	555	7.50	6.57	15	98.48	50%	20%	30%	0%	49.24	19.70	29.54	0.00
240	570	7.21	7.36	15	110.33	50%	20%	30%	0%	55.16	22.07	33.10	0.00
241	585	7.76	7.49	15	112.28	50%	20%	30%	0%	56.14	22.46	33.68	0.00
242	600	7.79	7.78	15	116.63	50%	20%	30%	0%	58.31	23.33	34.99	0.00
243	615	7.69	7.74	15	116.10	50%	20%	30%	0%	58.05	23.22	34.83	0.00
244	630	7.10	7.40	15	110.93	50%	20%	30%	0%	55.46	22.19	33.28	0.00
245	645	7.40	7.25	15	108.75	50%	20%	30%	0%	54.38	21.75	32.63	0.00
246	660	7.08	7.24	15	108.60	50%	20%	30%	0%	54.30	21.72	32.58	0.00
247	675	7.00	7.04	15	105.60	50%	20%	30%	0%	52.80	21.12	31.68	0.00
248	690	7.50	7.25	15	108.75	50%	20%	30%	0%	54.38	21.75	32.63	0.00
249	705	7.21	7.36	15	110.33	50%	20%	30%	0%	55.16	22.07	33.10	0.00
250	720	7.76	7.49	15	112.28	50%	20%	30%	0%	56.14	22.46	33.68	0.00
251	735	7.79	7.78	15	116.63	50%	20%	30%	0%	58.31	23.33	34.99	0.00
252	750	7.69	7.74	15	116.10	50%	20%	30%	0%	58.05	23.22	34.83	0.00
253	765	7.10	7.40	15	110.93	50%	20%	30%	0%	55.46	22.19	33.28	0.00
254	780	7.40	7.25	15	108.75	50%	20%	30%	0%	54.38	21.75	32.63	0.00
255	795	7.08	7.24	15	108.60	50%	20%	30%	0%	54.30	21.72	32.58	0.00
256	810	7.00	7.04	15	105.60	50%	20%	30%	0%	52.80	21.12	31.68	0.00
257	825	6.62	6.81	15	102.15	50%	20%	30%	0%	51.08	20.43	30.65	0.00
258	840	6.85	6.74	15	101.03	50%	20%	30%	0%	50.51	20.21	30.31	0.00
259	855	5.12	5.99	15	89.78	50%	20%	30%	0%	44.89	17.96	26.93	0.00
260	870	5.08	5.10	15	76.50	50%	20%	30%	0%	38.25	15.30	22.95	0.00
261	885	5.58	5.33	15	79.95	50%	20%	30%	0%	39.98	15.99	23.99	0.00
262	900	5.32	5.45	15	81.75	50%	20%	30%	0%	40.88	16.35	24.53	0.00
263	915	6.65	5.99	15	89.78	50%	20%	30%	0%	44.89	17.96	26.93	0.00
264	930	6.25	6.45	15	96.75	50%	20%	30%	0%	48.38	19.35	29.03	0.00
265	945	5.94	6.10	15	91.43	50%	20%	30%	0%	45.71	18.29	27.43	0.00
266	960	5.25	5.60	15	83.93	50%	20%	30%	0%	41.96	16.79	25.18	0.00
267	975	5.65	5.45	15	81.75	50%	20%	30%	0%	40.88	16.35	24.53	0.00
268	990	5.43	5.54	10	55.40	50%	20%	30%	0%	27.70	11.08	16.62	0.00
269	4/0.	5.40	5.42	15	81.23	50%	20%	30%	0%	40.61	16.25	24.37	0.00
270	15	7.10	6.25	15	93.75	80%	10%	10%	0%	75.00	9.38	9.38	0.00
271	30	7.80	7.45	15	111.75	80%	10%	10%	0%	89.40	11.18	11.18	0.00
272	45	7.66	7.73	15	115.95	80%	10%	10%	0%	92.76	11.60	11.60	0.00
273	60	7.13	7.40	15	110.93	80%	10%	10%	0%	88.74	11.09	11.09	0.00
274	75	5.08	6.11	15	91.58	80%	10%	10%	0%	73.26	9.16	9.16	0.00
275	90	5.70	5.39	15	80.85	80%	10%	10%	0%	64.68	8.09	8.09	0.00
276	105	5.90	5.80	15	87.00	80%	10%	10%	0%	69.60	8.70	8.70	0.00

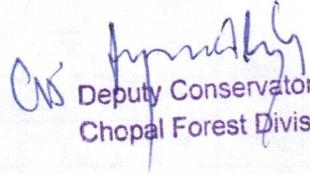
79.95	50%	20%	30%	0%	39.98	15.99	23.99	0.00
81.75	50%	20%	30%	0%	40.88	16.35	24.53	0.00
89.78	50%	20%	30%	0%	44.89	17.96	26.93	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
277	120	5.33	5.62	15	84.23	80%	10%	10%	0%	67.38	8.42	8.42	0.00
278	135	5.50	5.42	15	81.23	80%	10%	10%	0%	64.98	8.12	8.12	0.00
279	150	5.05	5.28	15	79.13	80%	10%	10%	0%	63.30	7.91	7.91	0.00
280	165	5.81	5.43	15	81.45	80%	10%	10%	0%	65.16	8.15	8.15	0.00
281	180	5.05	5.43	15	81.45	80%	10%	10%	0%	65.16	8.15	8.15	0.00
282	195	5.81	5.43	15	81.45	80%	10%	10%	0%	65.16	8.15	8.15	0.00
283	210	5.19	5.50	15	82.50	80%	10%	10%	0%	66.00	8.25	8.25	0.00
284	225	5.35	5.27	15	79.05	80%	10%	10%	0%	63.24	7.91	7.91	0.00
285	240	5.17	5.26	15	78.90	80%	10%	10%	0%	63.12	7.89	7.89	0.00
286	255	7.61	6.39	15	95.85	80%	10%	10%	0%	76.68	9.59	9.59	0.00
287	270	7.50	7.56	15	113.33	80%	10%	10%	0%	90.66	11.33	11.33	0.00
288	285	7.38	7.44	15	111.60	80%	10%	10%	0%	89.28	11.16	11.16	0.00
289	300	5.25	6.32	15	94.73	80%	10%	10%	0%	75.78	9.47	9.47	0.00
290	315	5.75	5.50	15	82.50	80%	10%	10%	0%	66.00	8.25	8.25	0.00
291	330	5.77	5.76	15	86.40	80%	10%	10%	0%	69.12	8.64	8.64	0.00
292	345	5.91	5.84	15	87.60	80%	10%	10%	0%	70.08	8.76	8.76	0.00
293	360	5.87	5.89	15	88.35	80%	10%	10%	0%	70.68	8.84	8.84	0.00
294	375	5.56	5.72	15	85.73	80%	10%	10%	0%	68.58	8.57	8.57	0.00
295	390	5.89	5.73	15	85.88	80%	10%	10%	0%	68.70	8.59	8.59	0.00
296	405	5.26	5.58	15	83.63	80%	10%	10%	0%	66.90	8.36	8.36	0.00
297	420	5.91	5.59	15	83.78	80%	10%	10%	0%	67.02	8.38	8.38	0.00
298	435	7.50	6.71	15	100.58	80%	10%	10%	0%	80.46	10.06	10.06	0.00
299	450	7.21	7.36	15	110.33	80%	10%	10%	0%	88.26	11.03	11.03	0.00
300	465	7.76	7.49	15	112.28	80%	10%	10%	0%	89.82	11.23	11.23	0.00
301	480	7.79	7.78	15	116.63	80%	10%	10%	0%	93.30	11.66	11.66	0.00
302	495	7.69	7.74	15	116.10	80%	10%	10%	0%	92.88	11.61	11.61	0.00
303	510	7.10	7.40	15	110.93	80%	10%	10%	0%	88.74	11.09	11.09	0.00
304	525	7.40	7.25	15	108.75	80%	10%	10%	0%	87.00	10.88	10.88	0.00
305	540	7.08	7.24	15	108.60	80%	10%	10%	0%	86.88	10.86	10.86	0.00
306	555	7.00	7.04	15	105.60	80%	10%	10%	0%	84.48	10.56	10.56	0.00
307	570	7.50	7.25	15	108.75	80%	10%	10%	0%	87.00	10.88	10.88	0.00
308	585	7.21	7.36	15	110.33	80%	10%	10%	0%	88.26	11.03	11.03	0.00
309	600	7.76	7.49	15	112.28	80%	10%	10%	0%	89.82	11.23	11.23	0.00
310	615	7.79	7.78	15	116.63	80%	10%	10%	0%	93.30	11.66	11.66	0.00
311	630	7.69	7.74	15	116.10	80%	10%	10%	0%	92.88	11.61	11.61	0.00
312	645	7.10	7.40	15	110.93	80%	10%	10%	0%	88.74	11.09	11.09	0.00
313	660	7.40	7.25	15	108.75	80%	10%	10%	0%	87.00	10.88	10.88	0.00
314	675	7.08	7.24	15	108.60	80%	10%	10%	0%	86.88	10.86	10.86	0.00
315	690	7.00	7.04	15	105.60	80%	10%	10%	0%	84.48	10.56	10.56	0.00
316	705	6.70	6.85	15	102.75	80%	10%	10%	0%	82.20	10.28	10.28	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
317	720	5.66	6.18	15	92.70	80%	10%	10%	0%	74.16	9.27	9.27	0.00
318	735	5.29	5.48	15	82.13	80%	10%	10%	0%	65.70	8.21	8.21	0.00
319	750	7.50	6.40	15	95.93	80%	10%	10%	0%	76.74	9.59	9.59	0.00
320	765	7.21	7.36	15	110.33	80%	10%	10%	0%	88.26	11.03	11.03	0.00
321	780	7.76	7.49	15	112.28	80%	10%	10%	0%	89.82	11.23	11.23	0.00
322	795	7.79	7.78	15	116.63	80%	10%	10%	0%	93.30	11.66	11.66	0.00
323	810	7.69	7.74	15	116.10	80%	10%	10%	0%	92.88	11.61	11.61	0.00
324	825	7.10	7.40	15	110.93	80%	10%	10%	0%	88.74	11.09	11.09	0.00
325	840	7.40	7.25	15	108.75	80%	10%	10%	0%	87.00	10.88	10.88	0.00
326	855	7.08	7.24	15	108.60	80%	10%	10%	0%	86.88	10.86	10.86	0.00
327	870	7.00	7.04	15	105.60	80%	10%	10%	0%	84.48	10.56	10.56	0.00
328	885	6.65	6.83	15	102.38	80%	10%	10%	0%	81.90	10.24	10.24	0.00
329	900	6.25	6.45	15	96.75	80%	10%	10%	0%	77.40	9.68	9.68	0.00
330	915	6.36	6.31	15	94.58	80%	10%	10%	0%	75.66	9.46	9.46	0.00
331	930	7.33	6.85	15	102.68	80%	10%	10%	0%	82.14	10.27	10.27	0.00
332	945	7.82	7.58	15	113.63	80%	10%	10%	0%	90.90	11.36	11.36	0.00
333	960	7.10	7.46	15	111.90	80%	10%	10%	0%	89.52	11.19	11.19	0.00
334	975	5.20	6.15	15	92.25	80%	10%	10%	0%	73.80	9.23	9.23	0.00
335	990	5.38	5.29	10	52.90	80%	10%	10%	0%	42.32	5.29	5.29	0.00
336	5/0.	5.26	5.32	15	79.80	80%	10%	10%	0%	63.84	7.98	7.98	0.00
337	15	6.06	5.66	15	84.90	60%	20%	20%	0%	50.94	16.98	16.98	0.00
338	30	6.78	6.42	15	96.30	60%	20%	20%	0%	57.78	19.26	19.26	0.00
339	45	6.30	6.54	15	98.10	60%	20%	20%	0%	58.86	19.62	19.62	0.00
340	60	6.50	6.40	15	96.00	60%	20%	20%	0%	57.60	19.20	19.20	0.00
341	75	6.42	6.46	15	96.90	60%	20%	20%	0%	58.14	19.38	19.38	0.00
342	90	6.00	6.21	15	93.15	60%	20%	20%	0%	55.89	18.63	18.63	0.00
343	105	6.35	6.18	15	92.63	60%	20%	20%	0%	55.58	18.53	18.53	0.00
344	120	7.50	6.93	15	103.88	60%	20%	20%	0%	62.33	20.78	20.78	0.00
345	135	7.21	7.36	15	110.33	60%	20%	20%	0%	66.20	22.07	22.07	0.00
346	150	7.76	7.49	15	112.28	60%	20%	20%	0%	67.37	22.46	22.46	0.00
347	165	7.79	7.78	15	116.63	60%	20%	20%	0%	69.98	23.33	23.33	0.00
348	180	7.69	7.74	15	116.10	60%	20%	20%	0%	69.66	23.22	23.22	0.00
349	195	7.10	7.40	15	110.93	60%	20%	20%	0%	66.56	22.19	22.19	0.00
350	210	7.40	7.25	15	108.75	60%	20%	20%	0%	65.25	21.75	21.75	0.00
351	225	7.08	7.24	15	108.60	60%	20%	20%	0%	65.16	21.72	21.72	0.00
352	240	7.00	7.04	15	105.60	60%	20%	20%	0%	63.36	21.12	21.12	0.00
353	255	6.65	6.83	15	102.38	60%	20%	20%	0%	61.43	20.48	20.48	0.00
354	270	6.25	6.45	15	96.75	60%	20%	20%	0%	58.05	19.35	19.35	0.00
355	285	6.20	6.23	15	93.38	60%	20%	20%	0%	56.03	18.68	18.68	0.00
356	300	5.76	5.98	15	89.70	60%	20%	20%	0%	53.82	17.94	17.94	0.00

91.10	80%	10%	10%	0%	6.14	19.33	19.33	0.00
93.11	80%	10%	10%	0%	5.85	18.63	18.63	0.00
95.88	80%	10%	10%	0%	5.58	18.53	18.53	0.00

Sl. No.	RDs	X-section	Mean area	L	Qty.	Classification				Qty.			
						PW	JW	SB	HB	PW	JW	SB	HB
357	315	5.21	5.49	15	82.28	60%	20%	20%	0%	49.37	16.46	16.46	0.00
358	330	5.19	5.20	15	78.00	60%	20%	20%	0%	46.80	15.60	15.60	0.00
359	345	7.81	6.50	15	97.50	60%	20%	20%	0%	58.50	19.50	19.50	0.00
360	355	5.77	6.79	10	67.90	60%	20%	20%	0%	40.74	13.58	13.58	0.00
Total					35443.48					21444.82	6975.70	7022.95	0.00


 Deputy Conservator of Forests
 Chopal Forest Division


 Executive Engineer,
 Chopal Division,
 HPPWD Chopal