

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

No. PW/NHN/WA-I/FCA-08/2023-24-
To

3441

Dated:- **27-07-2023**

✓ The Divisional Forest Officer,
Nahan Forest Division,
District Sirmaur, Nahan.

Subject:

Diversion of 1.276 Hectare of forest land in favour of HPPWD for the construction of link road from Upper Jamli to Baron Kathana (Km 0/0 to 6/700), within the jurisdiction of Nahan Forest Division, Distt. Sirmaur Himachal Pradesh - Regarding submission of EDS.
(Online Proposal No. FP/HP/Road/15861/2015).

Reference:

Online EDS Dated 21.07.2023 as received from your good office.

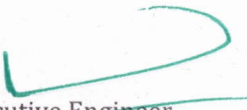
Sir,

In this regard, it is submitted that online EDS on Parivesh Portal has been received from the DFO, Nahan in which the Department/User Agency had to submit documents with reference to the EDS raised. Please find the point wise reply to the EDS for your necessary actions:-

S. N.	Query	Reply
1.	Total forest area involved in dumping site has not been found corrected.	Correction has been done in the Muck Management Plan (MMP) which is attached as Annexure 1 . Same has been uploaded in Parivesh Portal in additional information at Sr. No. 30 of Part-I .
2.	Explored alternatives have not uploaded on KML. Therefore, state Govt. may review the alternatives in more detail so the numbers of trees to be affected could be minimized and same may be uploaded on Parivesh Portal.	As per the revised Joint inspection of the proposed road dated 24.07.2023 by the DFO, Nahan, with HPPWD officials, alternatives have been explored during site visit which was not found suitable. Two numbers of alternative alignments were explored by the PWD and forest authorities, but not found feasible. The grade of the alternative alignment was not adequate and involved a greater number of trees as compare to the propose alignment. The revised joint inspection is attached as Annexure 2 . Same has been uploaded on Parivesh Portal in additional information at Sr. No. 31 of Part-I . Also, Tree enumeration of the proposed road has been done again. Revised Tree enumeration list is attached as Annexure 3 . Same has been uploaded in Parivesh Portal in additional information at Sr. No. 32 of Part-I .

3.	As per the Site Inspection Report, it is mentioned that 'No Violation' has been found in the proposal. However, KML clearly shows that there is a violation in the proposal between the Geo-coordinates 30 35' 38.84" N, 77 15' 16.35" E to 30 36' 14.53" N 77 16' 2.54" E. Therefore, state govt. may review and revise the proposal accordingly and provided the clarification in this regard.	It is clearly mentioned in revised Joint inspection of the proposed road dated 24.07.2023 by the DFO, Nahan that "the user agency has not violated the provision of the Forest (Conservation) Act, 1980 and no work has been started". The revised joint inspection is attached as Annexure 2 . Same has been uploaded in Parivesh Portal in additional information at Sr. No. 31 of Part-I .
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You are requested to kindly scrutinize the documents for further process.


Executive Engineer
B & R Division
HBPWD Nahan

Project Name : Diversion of 1.276 ha of forest land in favour of HPPWD for the construction of link road from Upper Jamli to Baron Kathana (kms .0/0 to 6/700), within the jurisdiction of Nahan Forest Division Distt. Sirmour Himachal Pradesh

Proposal No. FP/HP/Road/15861/2015

Joint Inspection Report


The revised site inspection of the land involved in this road was been done by me on dated 24.07.2023 with the PWD Official. The alternative has been explored during visit, which have not found suitable. Two numbers alternative alignments were explored by the PWD authority, but not found feasible. The grade of the alternative alignment is not adequate and involved a greater number of trees as compare to the proposed alignment. Therefore, road connectivity to both villages is adequately required.

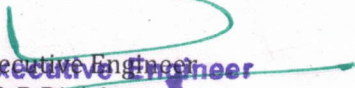
1) Further every effort has been made to reduce the number of trees involved in the proposed road alignment. The proposed road alignment passes through the Shamlat and Private land which is under possession of HPPWD. Previously 203 Nos. of trees involved in the road alignment & dumping site of Village Shamlat jungle jhari of village Jamli & Khatana. Again, RD wise enumeration of trees has been counted by the Forest field staff and PWD authority.

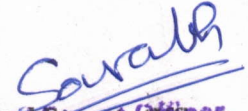
2) In this road alignment 1.276 Hectare Forest land have been involved for construction of road out of which 0.876 ha. area road alignment and 0.40 hectare for dumping site. The three dumping sites of the forest land is 0.40 ha. area involved.

3) The proposed road alignment to connect these villages, which is being provided by the PWD, is absolutely feasible and also shortest, construction of this road the minimum forest land as well as trees will be involved. The route is quite unavoidable. The proposal is specifically recommended in the interest of public, the land proposed for diversion in the proposal is minimum.

4) Further, during Joint inspection, it is seen that Geo-Coordinates from 30° 35' 38.84" N 77° 15' 16.35" E to 30° 36' 14.53" N 77° 16' 2.54" E is a Non-Forest land it is under the possession of HPPWD. This shows that **the user agency has not violated the provision of the Forest (Conservation) Act, 1980** and no work has been started".


Assistant Engineer
B & R Sub Division
Nahan
H.P.P.W.D. Nahan


Executive Engineer
B & R Division
HPPWD Nahan



Divisional Forest Officer,
Nahan Forest Division,
Office Seal
Nahan, H.P.
Date:

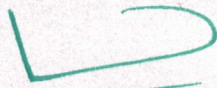
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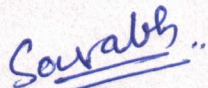
MUCK MANAGEMENT PLAN

1	Total quantity of muck to be generated from cutting	124890 m ³
2	Deduction of useful stone as required under clauses of agreement to be executed by the Executive Engineer of Project implementing Unit division on behalf of Govt. of H.P. for suing in the project.	18733 m ³
3	Net balance quantity of debris/muck	106157 m ³
4	Add quantity available on site with swell factor @ 25% on PW & JW	26539 m ³
	Total (A)	132696 m³
5	Less for materials required for dumping in behind R/wall etc. @10% of A	13277 m ³
6	Less for materials required for levelling of proposed road @ 15% of A	19904 m ³
7	Less materials/muck required for levelling/filling of road on the analogy of half cutting and half fittings @ 40% of A	53078 m ³
	Total (B)	86259 m³
8	Materials/Muck left at site which will require carriage for proper dumping into the recognized sites as per the illustration of forest and environment Ministry reinforced by various judgment of the Apex court Govt. of India i.e. (A-B)	46437 m³
9	Design proposed for dumping sites (attached)	6 Nos
10	Total capacity of dumping sites as per details attached	47775 m³
11	Area in hectare for dumping sites. i. Forest area ii. Non-Forest Area iii. Total	0.40 Hectare 0.51 Hectare 0.91 Hectare


Assistant Engineer
B & R Sub-Division
HPPWD Nahan


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B & R Division
HPPWD Nahan

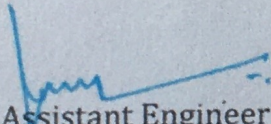
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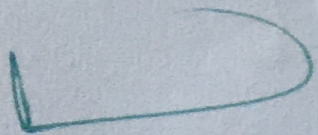

Divisional Forests Officer
Nahan Forest Division
Office Seal
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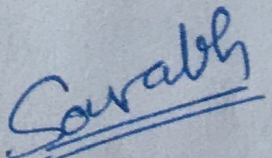
DETAILS OF DUMPING SITES

Sr. No	Name of dumping site	RD/KM	Area coming under dumping				Capacity of dumping sites. (in cum)
			Forest area (in Ha.)	Private Shamlat Land (in Ha.)	Private Land (in Ha.)	Total Area (in Ha.)	
1.	Dumping site No. 1	1/090 to 1/195		0.21		0.21	11288
2.	Dumping site No. 2	1/660 to 1/675		0.15		0.15	7387
3.	Dumping site No. 3	4/840 to 4/915			0.15	0.15	7725
4.	Dumping site No. 4	5/690 to 5/750	0.15			0.15	8062
5.	Dumping site No. 5	6/060 to 6/100	0.10			0.10	5400
6.	Dumping site No. 6	6/495 to 6/555	0.15			0.15	7913
Total:-			0.40	0.36	0.15	0.91	47775


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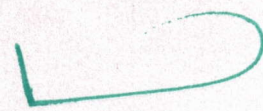
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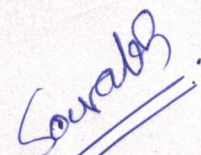
Detail showing the capacity of dumping sites

Sr. No	Name of dumping site	RD/KM	X-sectional area of dumping site	Length	Quantity/ Capacity (cum)
1	Dumping site No. 1	1/090 to 1/195	107.50 sqm	105	11288
2.	Dumping site No. 2	1/660 to 1/675	98.50 sqm	75	7387
3.	Dumping site No. 3	4/840 to 4/915	103.0 sqm	75	7725
4.	Dumping site No. 4	5/690 to 5/750	134.37 sqm	60	8062
5.	Dumping site No. 5	6/060 to 6/100	135.0 sqm	40	5400
6.	Dumping site No. 6	6/495 to 6/555	131.88 sqm	60	7913
		Total			47775


Assistant Engineer
B & R Sub-Division
HPPWD Nahan


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Proposal No. FP/HP/Road/15861/2015

DETAIL OF MEASUREMENT


Full Title of the Project: - Construction of Link Road from Upper Jamli to Baron Kathana (kms .0/0 to 6/700) (SH: Construction of wire crates for dumping sites)

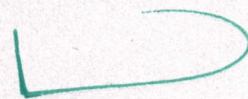
Sr. No	Description	No. L x B x H	Quantity in cum
1	Providing and laying of boulder apron laid on wire crates with 4mm dia wire confirming to 1:5:280 and 1:5:4826 in 100mmx100mm mesh (woven diagonally) including 10% extra for lapse & joints laid with stone boulders weighing not less than 25 kg each. Dumping Site No. 1 RD 1/090 to 1/195	1x105x2.70x1.20	340.0
	1 st layer	1x105x2.40x1.20	302.40
	2 nd layer	1x105x2.10x1.20	264.60
	3 rd layer	1x105x1.80x1.20	226.80
	4 th layer	1x105x1.50x1.20	189.0
	5 th layer		
2	Dumping Site No. 2 RD 1/600 to 1/675		
	1 st layer	1x75x2.70x1.20	243.0
	2 nd layer	1x75x2.40x1.20	216.0
	3 rd layer	1x75x2.10x1.20	189.0
	4 th layer	1x75x1.80x1.20	162.0
	5 th layer	1x75x1.50x1.20	135.0
3	Dumping Site No. 3 RD 4/840 to 4/915		
	1 st layer	1x75x2.70x1.20	243.0
	2 nd layer	1x75x2.40x1.20	216.0
	3 rd layer	1x75x2.10x1.20	189.0
	4 th layer	1x75x1.80x1.20	162.0
	5 th layer	1x75x1.50x1.20	135.0
4	Dumping Site No. 4 RD 5/690 to 5/750		
	1 st layer	1x60x2.70x1.20	194.0
	2 nd layer	1x60x2.40x1.20	172.80
	3 rd layer	1x60x2.10x1.20	151.20
	4 th layer	1x60x1.80x1.20	129.60
	5 th layer	1x60x1.50x1.20	108.0
5	Dumping Site No. 5 RD 6/060 to 6/100		
	1 st layer	1x40x2.70x1.20	129.0
	2 nd layer	1x40x2.40x1.20	172.80

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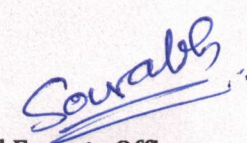
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	3 rd layer	1x40x2.10x1.20	151.0
	4 th layer	1x40x1.80x1.20	129.60
	5 th layer	1x40x1.50x1.20	108.0
6	Dumping Site No. 6 RD 6/495 to 6/555		
	1 st layer	1x60x2.70x1.20	194.0
	2 nd layer	1x60x2.40x1.20	172.80
	3 rd layer	1x60x2.10x1.20	151.20
	4 th layer	1x60x1.80x1.20	129.60
	5 th layer	1x60x1.50x1.20	108.0
	Total		5228.80


Assistant Engineer
B & R Sub-Division
HPPWD Nahan


Executive Engineer
B & R Division
HPPWD Nahan

Countersigned by: -


Divisional Forests Officer
Nahan Forest Division
Office Seal
Date:-

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Proposal No. FP/HP/Road/15861/2015

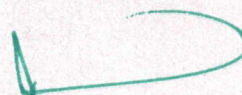
ABSTRACT OF COST

Full Title of the Project: - Construction of Link Road from Upper Jamli to Baron Kathana (kms .0/0 to 6/700) (SH: Construction of wire crates for dumping sites)

Sr. No.	Sub head and item of work	Quantity (cum)	Rate	Unit	Amount
1.	Providing and laying of boulder apron laid on wire crates with 4mm dia wire confirming to 1:5:280 and 1:5:4826 in 100mmx100mm mesh (woven diagonally) including 10% extra for lapse & joints laid with stone boulders weighing not less than 25 kg each.	5228.80	1857.10	cum	9710404
Total					9710404

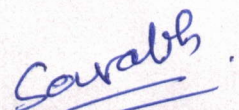


Assistant Engineer
B & R Sub-Division
HPPWD Nahan



Executive Engineer
B & R Division
HPPWD Nahan

Countersigned by: -



Divisional Forest Officer
Nahan Forest Division
Office Seal
Date:-

No /FCA Road /2023-24...126/J

HP FOREST DEPARTMENT

Dated, Jamta the..17/06/2023

From: - R.F.O.Jamta

To: - D.F.O.Nahan.

Subject :- Diversion of 1.276 Ha of forest land in favour of HPPWD for the C/o link road from Upper Jamli Baron to Kathana km 0/0 to 6/700 within the jurisdiction of Nahan Forest Division Distt Sirmour (H.P.)

Respected Sir,

Kindly find enclosed here with the enumeration list of Upper Jamli Baron to Kathana Road in respected of Jamta Forest Range.

This is all for your kind information and N/A Please .


Range Forest Officer
Forest Range Jamta


✓
FCA Road
Upper Jamli Baron to
Kathana

ofc


GENERAL ABSTRACT OF TREES IN THE LINK ROAD JAMLI-BARON-KATHANA, STATUS OF LAND SHAMLAT KATHANA KHASRA
NO. 170


Sr NO	Name of Area	Spp	V		IV		III		II A		II B		Total	Total Volume in M ³
1	Shamlat Kathana Khasra No. 170	Mallotus philippensis (kamela)	17	1.088	4	0.736	-		-		-		21	1.824
		Kydia calycina (Pula)	1	0.064	1	0.184	1	0.418					3	0.666
		Lannea grandis (Jigan)	4	0.256	5	0.920	2	0.836	5	4.425			16	6.437
		Ziziphus mauritiana (Ber)	-		1	0.184	-		-				1	0.184
		Anogeissus latifolia (Chal)	3	0.192	4	0.736	2	0.836					9	1.764
		Kokat (Bajyula)	1	0.064									1	0.064
		Kokat (Sala)	1	0.064									1	0.064
		Emblica officinalis (Amla)	1	0.064									1	0.064
		Kokat (Janga)	1	0.064									1	0.064
		Kokat (Paak)	1	0.064									1	0.064
		Cassia fistula (Amaltas)	4	0.256									4	0.256
		Mitragyna parvifolia (Kaim)	3	0.192	2	0.368	2	0.836					8	1.396
		Holoptelea integrifolia (Papadi)	5	0.320	1	0.184	1	0.418					7	0.922
		TOTAL	42	2.688	18	3.312	8	3.344	5	4.425	-	-	73	13.769
2	Dumping Site Shamlat Kathana Khasra No. 170	Mallotus philippensis (kamela)	12	0.768	4	0.736							16	1.504
		Lannea grandis (Jigan)	1	0.064	1	0.184			1	0.885	1	1.515	4	2.648
		Mitragyna parvifolia (Kaim)	1	0.064										0.064
		Anogeissus latifolia (Chal)	1	0.064										0.064
		TOTAL	15	0.960	5	0.920			1	0.885	1	1.515	22	4.280

3	Dumping Site Shamlat Kathana Khasra No. 170	Mallotus philippensis (kamela)	3	0.192								3	0.192	
		Lannea grandis (Jigan)	2	0.128	3	0.552	1	0.418	2	1.770			8	2.868
		Holoptelea integrifolia (Papadi)			1	0.184							1	0.184
		Ficus auriculata (Chimbal)	1	0.064									1	0.064
		Total	6	0.384	4	0.736	1	0.418	2	1.770			13	3.308
		G Total	63	4.032	27	4.968	9	3.762	8	7.080	1	1.515	108	21.357


Forest Guard
UC Bahal Baid


BO Jamta


Pawan Kumar
PWD Department
Pawan Kumar
Desh Raj


RO Jamta

**List of enumeration of trees in link road Jamli-Baron-Kathana. Status of land :-
Shamlat Kathana Khasra No:-170.**

S.No	Spp	Dia	Class	RD
1	Pula	23/24	IV	5/030 to 5/060
2	Beri	23/24	IV	5/060 to 5/090
3	Kamela	22/23	IV	5/060 to 5/090
4	Jigan	18/19	V	5/060 to 5/090
5	Pula	16/17	V	5/060 to 5/090
6	Jigan	17/18	V	5/090 to 5/120
7	Kamela	13/14	V	5/120 to 5/150
8	Kamela	17/18	V	5/120 to 5/150
9	Kamela	18/19	V	5/120 to 5/150
10	Kamela	12/13	V	5/120 to 5/150
				5/150 to 5/180
11	Jigan	27/28	IV	5/180 to 5/210
12	Chaal	15/16	V	5/180 to 5/210
13	Jigan	27/28	IV	5/210 to 5/240
14	Bajyula	14/15	V	5/210 to 5/240
				5/240 to 5/270
15	Kamela	15/16	V	5/270 to 5/300
16	Kamela	13/14	V	5/270 to 5/300
17	Kamela	16/17	V	5/270 to 5/300
18	Kamela	14/15	V	5/270 to 5/300
19	Kamela	28/29	IV	5/300 to 5/330
20	Chaal	38/39	III	5/300 to 5/330
21	Jigan	41/42	II A	5/300 to 5/330
22	Papadi	15/16	V	5/330 to 5/360
23	Chaal	27/28	IV	5/360 to 5/390
24	Kaim	35/36	III	5/360 to 5/390
25	Jigan	27/28	IV	5/360 to 5/390
26	Chaal	26/27	IV	5/390 to 5/420
27	Jigan	42/43	II A	5/390 to 5/420
28	Chaal	14/15	V	5/420 to 5/450
29	Chaal	27/28	IV	5/450 to 5/480
30	Chaal	38/39	III	5/480 to 5/510
				5/510 to 5/540
31	Chaal	25/26	IV	5/540 to 5/570
32	Kaim	26/27	IV	5/540 to 5/570
33	Chaal	15/16	V	5/540 to 5/570
34	Jigan	38/40	III	5/540 to 5/570
35	Pula	37/38	III	5/570 to 5/600
36	Kamela	13/14	V	5/570 to 5/600
37	Kamela	14/15	V	5/570 to 5/600
38	Kamela	13/14	V	5/570 to 5/600
39	Amaltas	13/14	V	5/600 to 5/630
40	Kamela	16/17	V	5/600 to 5/630

				5/630 to 5/720
41	Papadi	35/36	III	5/720 to 5/750
42	Kamela	12/13	V	5/720 to 5/750
43	Kamela	26/27	IV	5/720 to 5/750
44	Amla	15/16	V	5/720 to 5/750
45	Amaltas	13/14	V	5/750 to 5/780
46	Amaltas	15/16	V	5/750 to 5/780
47	Kamela	12/13	V	5/750 to 5/780
48	Kamela	14/15	V	5/750 to 5/780
49	Kaim	32/33	III	5/750 to 5/780
50	Jigan	30/32	III	5/780 to 5/810
51	Jigan	41/42	II A	5/810 to 5/840
				5/840 to 5/870
52	Jigan	41/42	II A	5/870 to 5/900
53	Jigan	27/28	IV	5/900 to 5/930
				5/930 to 6/030
54	Jigan	23/24	IV	6/030 to 6/180
55	Kaim	14/15	V	6/030 to 6/180
56	Kaim	15/16	V	6/030 to 6/180
57	Kamela	13/14	V	6/030 to 6/180
58	Jigan	41/42	II A	6/030 to 6/180
				6/180 to 6/270
				6/270 to 6/330
59	Salla	14/15	V	6/330 to 6/360
60	Kaim	12/13	V	6/360 to 6/390
61	Kamela	23/24	IV	6/360 to 6/390
62	Paak	11/12	V	6/360 to 6/390
63	Papadi	14/15	V	6/390 to 6/420
64	Papadi	14/15	V	6/420 to 6/450
65	Papadi	28/31	IV	6/450 to 6/480
66	Jigan	15/16	V	6/450 to 6/480
67	Kaim	28/30	IV	6/450 to 6/480
68	Jigan	16/17	V	6/450 to 6/480
69	Janga	18/19	V	6/450 to 6/480
70	Papadi	17/18	V	6/450 to 6/480
71	Papadi	18/19	V	6/480 to 6/510
72	Amaltas	12/13	V	6/480 to 6/510
73	Kamela	18/19	V	6/480 to 6/510
				6/510 to 6/555

ABSTRACT				
V	IV	III	II A	TOTAL(M3)
42	18	8	5	73
2.688	3.312	3.344	4.425	13.769

Handwritten signature

Handwritten signature: M. B. O. Jang

a/c

Dumping site from R.D. 5/630 TO 5/720 Length 90M & width 25M				
S.No	Spp	Dia	Class	RD
1	Kamela	12/13	V	5/630 to 5/720
2	Kamela	20/21	IV	5/630 to 5/720
3	Kamela	16/17	V	5/630 to 5/720
4	Kamela	13/14	V	5/630 to 5/720
5	Kamela	18/19	V	5/630 to 5/720
6	Kamela	12/13	V	5/630 to 5/720
7	Kamela	13/14	V	5/630 to 5/720
8	Kamela	25/26	IV	5/630 to 5/720
9	Kamela	22/23	IV	5/630 to 5/720
10	Kamela	23/24	IV	5/630 to 5/720
11	Jigan	14/15	V	5/630 to 5/720
12	Kaim	12/13	V	5/630 to 5/720
13	Kamela	14/15	V	5/630 to 5/720
14	Kamela	11/12	V	5/630 to 5/720
15	Chhal	14/15	V	5/630 to 5/720
16	Jigan	26/27	IV	5/630 to 5/720
17	Kamela	15/16	V	5/630 to 5/720
18	Kamela	17/18	V	5/630 to 5/720
19	Kamela	14/15	V	5/630 to 5/720
20	Kamela	13/14	V	5/630 to 5/720
21	Jigan	47/48	II A	5/630 to 5/720
22	Jigan	56/57	II B	5/630 to 5/720

ABSTRACT				
V	IV	II A	II B	TOTAL
15	5	1	1	22
0.96	0.92	0.885	1.515	4.28

Signature
Jagan

Signature B.D.
Jagan

o/c

Dumping site from R.D. 6/180 TO 6/270				
S.No	Spp	Dia	Class	RD
1	Jigan	30/31	III	6/180 to 6/270
2	Jigan	14/15	V	6/180 to 6/270
3	Jigan	42/43	II A	6/180 to 6/270
4	Jigan	14/15	V	6/180 to 6/270
5	Jigan	20/21	IV	6/180 to 6/270
6	Jigan	28/29	IV	6/180 to 6/270
7	Jigan	27/28	IV	6/180 to 6/270
8	Jigan	41/42	II A	6/180 to 6/270
9	Papadi	20/21	IV	6/180 to 6/270
10	Kamela	13/14	V	6/180 to 6/270
11	Kamela	15/16	V	6/180 to 6/270
12	Kamela	15/16	V	6/180 to 6/270
13	Chimbal	13/14	V	6/180 to 6/270

ABSTRACT				
V	IV	III	II A	TOTAL
6	4	1	2	13
0.384	0.736	0.418	1.77	3.308

Agm 25/18
10.20.18

Adur B.O.
Jan 19