

Muck Management Plan

Name of work: - Construction of Chillon to chowki mrigwal km 0/00 to 8/00

1.	Total quantity of muck to be generated from cutting	37051 m ³
2.	Deduction of useful stone as required under clause 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.	5558 m ³
3.	Net balance quantity of debris/muck	31493 m ³
4.	Add quantity available on site with swell factor @ 25% on PW & JW	7873 m ³
	Total (A)	39366 m ³
5.	Less for materials required for dumping in behind R/wall etc. @10% of A	3937 m ³
6.	Less for materials required for levelling of proposed road @ 15% of A	5905 m ³
7.	Less materials/muck required for levelling/filling of road on the analogy of half cutting and half fittings @ 40% of A	15746 m ³
	Total (B)	25588 m ³
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)	13778 m ³
9.	Design proposed for dumping sites (attached)	4 Nos
10.	Total capacity of dumping sites as per details attached	14000 m ³
11.	Area in hectare for dumping sites. i. Forest area ii. Non forest iii. Total	0.16 hect. 0..00 0.16 hect


Assistant Engineer
Sub Division Sataun
HPPWD SATAUN


Executive Engineer
(B&R) Shillai Division
HPPWD SHILLAI

Details of dumping sites.

MUCK MANAGEMENT

SR. No	Name of dumping site	RD/KM	Area coming under dumping			Capacity of dumping sites.
			Forest area	Non Forest Area	Total	
1.	Dumping site NO. 1	0/645 to 0/665	0.04		0.04	3400
2	Dumping site NO. 2	1/270 to 1/290	0.04		0.04	3500
3	Dumping site NO. 3	1/360 to 1/380	0.04		0.04	3300
4	Dumping site NO. 4	2/840 to 2/860	0.04		0.04	3800
Total :-			0.16	0.00	0.16	14000



Assistant Engineer
Sub Division Sataun
HPPWD SATAUN

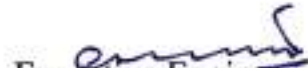


Executive Engineer
(B&R) Shillai Division
HPPWD SHILLAI

Detail showing the capacity of dumping sites.

Sr. No	Name of dumping site	RD/KM	X-sectional area of dumping site	Length	Quantity/ Capacity
1	Dumping site NO. 1	0/645 to 0/665	170 SQM	20	3400
2.	Dumping site NO. 2	1/270 to 1/290	175 SQM	20	3500
3 No. 3	Du mping site	1/360 to 1/380	165 SQM	20	3300
4	Dumping site NO. 4	2/840 to 2/860	190 SQM	20	3800
	Total :-				14000 m3

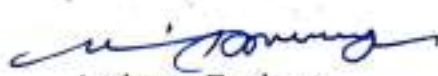

 Assistant Engineer
 Sub Division Sataun
 HPPWD SATAUN


 Executive Engineer
 (B&R) Shillai Division
 HPPWD SHILLAI

Detail of Measurement

Name of work **Construction of Chillon to chowki mrigwal km 0/00 to 8/00 (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 conforming 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. 0/645 to 0/665		
	1 st layer	1x20x2.70x1.20	64.80 M3
	2 nd layer	1x20x2.40x1.20	57.60 M3
	3 rd layer	1x20x2.10x1.20	50.40 M3
	4 th layer	1x20x1.80x1.20	43.20 M3
	5 th layer	1x20x1.50x1.20	36.00 M3
	Dumping site No. 2 RD 1/270 to 1/290		
	1 st layer	1x20x2.70x1.20	64.80 M3
	2 nd layer	1x20x2.40x1.20	57.60 M3
	3 rd layer	1x20x2.10x1.20	50.40 M3
	4 th layer	1x20x1.80x1.20	43.20 M3
	5 th layer	1x20x1.50x1.20	36.00 M3
	Dumping site No. 3 RD 1/360 to 1/380		
	1st layer	1x20x2.70x1.20	64.80 M3
	2 nd layer	1x20x2.40x1.20	57.60 M3
	3 rd layer	1x20x2.10x1.20	50.40 M3
	4 th layer	1x20x1.80x1.20	43.20 M3
	5th layer	1x20x1.50x1.20	36.00 M3
	Dumping site No. 4 RD 2/840 to 2/860		
	1st layer	1x20x1.50x1.20	64.80 M3
	2 nd layer	1x20x2.40x1.20	57.60 M3
	3 rd layer	1x20x2.10x1.20	50.40 M3
	4 th layer	1x20x1.80x1.20	43.20 M3
	5 th layer	1x20x1.50x1.20	36.00 M3
			1008.00 m3


Assistant Engineer
Sub Division Sataun
HPPWD SATAUN


Executive Engineer
(B&R) Shillai Division
HPPWD SHILLAI

ABSTRACT OF COST

Name of work:- Construction of Chillon to chowki mrigwal km 0/00 to 8/00 (SH:
Construction of wire crates for dumping sites)

Sr. NO	Sub Head and Item of work	Qty	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	1008.00 cum	1857.10	Per Cum	1871957
	Total :-				1871957


Assistant Engineer
Sub Division Sataun
HPPWD SATAUN


Executive Engineer
(B&R) Shillai Division
HPPWD SHILLAI

No. Teh-Kmr(OK)D-07/2019- 1468
Office of Tehsildar Kamrau, Distt. Sirmaur, H.P.

Dated, Kamrau, 6 Oct. 2020

To:-

The Assistant Engineer,
Sataun Sub-Division, (B& R)
HPPWD, Sataun, Tehsil kamrau.

Subject:- Regarding requirement of village wise population.

Sir,

Please refer to your office letter no. PW/STN/Requirement/2020-21-598-99 dated 16-09-2020 on the subject cited above.

In this connection, the desired information sought by you office is prepared on prescribed proforma as per details given below:-

Sr. No.	Name of Village	Village Code	Population
01.	Chowki Mrigwal	17	713

Hence, the requisite information is submitted for your kind information and further necessary action at your end please.

Yours faithfully


Tehsildar Kamrau
District Sirmaur, H.P.

Diversion of 1.92ha. of Forest land in favour of HPPWD for the C/o Chillon to Chowki Mirgwal Km 0/00 to 8/00 within the jurisdiction of Renuka Ji Forest Division, District Sirmour HP

Distance Certificate

Certificate that the aerial distance from the nearest National Park/ Sanctuaries i.e. Renuka ji Wild Life Sanctuary is 12 Kms. from the proposed site of construction Chillon to Chowki Mirgwal Km 0/00 to 8/00 within the jurisdiction of Renuka Ji Forest Division, District Sirmour HP with in the Jurisdiction of Renuka Ji Forest Division Distt. Sirmour. HP.


Divisional Forest Officer,
Nahan Forest Division,
Nahan (HP).

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

ABSTRACT

S r. N o	Speci es	Class V		Class IV		Class III		IIA		IIB		IA		IB		IC		IDsover		Total	
		No.	Vol.	N o.	Vol.	No.	Vol.	No.	Vol.	N o.	Vol.	No.	Vol.	No.	Vol.	N o.	Vol.	No.	Vol.	No.	Vol.
1	Kokat	60	3.840	70	12.880	23	9.614	4	3.540	1	1.515	-	-	1	3.193	1	3.193	1	3.193	461	40.968
2	Sain	-	-	-	-	1	0.772	-	-	-	-	-	-	-	-	-	-	-	-	1	0.772
3	Sal	1	0.113	16	5.552	12	9.264	6	10.152	2	5.848	-	-	-	-	1	6.074	-	-	38	37.003
	Total	61	3.953	86	18.432	36	19.650	10	13.692	3	7.363	-	-	1	3.193	2	9.267	1	3.193	200	78.743

Place... SATAUN

Date... 07-08-2020

(Signature of User Agency Engineer)
Official Seal.. Shillai (B & R) Division
H.P.P.W.D. Shillai

Aatish
ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun

Vishal
ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun

Pramod
ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai

Countersigned by-

Mohinder Singh
MOHINDER SINGH, FR
Range Forest Officer,
Kaffota Forest Range

Shreshtha Nand
SHRESHTHA NAND, HPFS
Divisional Forest Officer
Renuka Ji Forest Division,
Sri Renuka Ji Distt. Sirmour H.P.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CHECK LIST NO. 04
SHORT NARRATIVE OF THE PROJECT

State	:	Himachal Pradesh
Division	:	HPPWD Shillai
Sub- Division	:	HPPWD Sataun
Name of Work	:	C/O CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00
Category	:	Single lane Motorable Road
Width	:	5 to 7 mtr. (Average)
Total	:	8.00 kms.
Location	:	Gram Panchayat Barwas.

HISTORY

The C/o CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00 bifurcate from Laldhang Paonta Ronhat Rohru(NH-707) at RD 23/00. The total length of the road is 8.00 KM, which will connect village namely Tikker, Kuner, Kaqvadi, Bag and Chowki mrigwal. At present there is no link road to these villages except Chowki mrigwal and having a total population of 710 souls.

Owing to typical topography and geology of hills of Himachal Pradesh, road communication is the only economically viable means of transportation in the State.

Since it is a rural road of the area Shillai Constituency, and dependency of the residents of this area on Agricultural and horticulture is beyond doubt. The influence area of the road spread over 15 square kilometer is very rich in the Production of Agricultural products such as Maize, Pulses, Ginger & Tomatoes . With the construction of this road, the transportation activity in the area expected to undergo a major change with the availability of mechanical/automotive transport. There will be considerable saving in transportation of agricultural produce to the nearest road head and the raising of manpower involved shall be in addition. The transportation charges incurred in the import of goods for local consumption shall also be reduced considerably. The benefits with respect of the Public transportation shall be additional. Hence, the road will be for the boost up of economy of the area by giving them the means of mechanical transport for their agriculture produces and other benefits of modern technology.

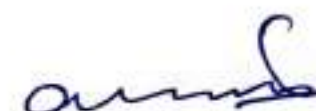
At Present not much people bring their Produces for marketing due to non availability of transport facility. Therefore, the road on its completion will enable the people to make maximum use of this vital factor of economy.

In this road Project new formation cutting has been proposed in a length of 8.00 km. The road formation creates to a design speed of minimum 20 km Per Hour as provided by IRC SP: 20 Rural manual for mountains terrain in hilly area. Most of horizontal curve has been developed with radius of minimum of 22.87 meters. All curves are transition curves and minimum safe stopping sight distance 20 meters has been ensured. The gradients adopted are not less than 1:15 thus the vertical alignment is good. The road formation shall also be provided with the cross fall of 3% in the carriage way width and 5% shall be ensured on transition curves as prescribed. Extra widening of 2 meters has been proposed in the formation at curved for erosion control. Necessary compensatory afforestation will be carried out by concerning the forest department. However for the erosion the road side drain and cross drainage works will be provided by the PWD Department.

The work of construction and timely completion of this road project is of very great financial benefit for the country in itself. The Project has thus Public involved shall be executed keeping in views its over all welfare.


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai


CSH. SHRESHTH ANAND, HPFS
Divisional Forest Officer
Ranaka Ji Forest Division,
Sri Ranuka Ji Dist. Girmour H.P.

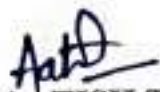
FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

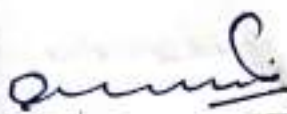
Date of Proposal: _____

CHECK LIST NO. 05

The Map of the project site/forest area required for the diversion of forest land in favor of HPPWD showing forest boundaries and adjoining areas with their land use in distinct colours in 1:50000 on original Survey of India topo sheet and also Index plan is attached.


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai


MOHINDER SINGH, FR
Range Forest Officer,
Kaffota Forest Range


SHRESHTHA NAND, HPFS
Divisional Forest Officer
Renuka Ji Forest Division,
Renuka Ji Dist. Sirmour H.P.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CHECK LIST NO. 06

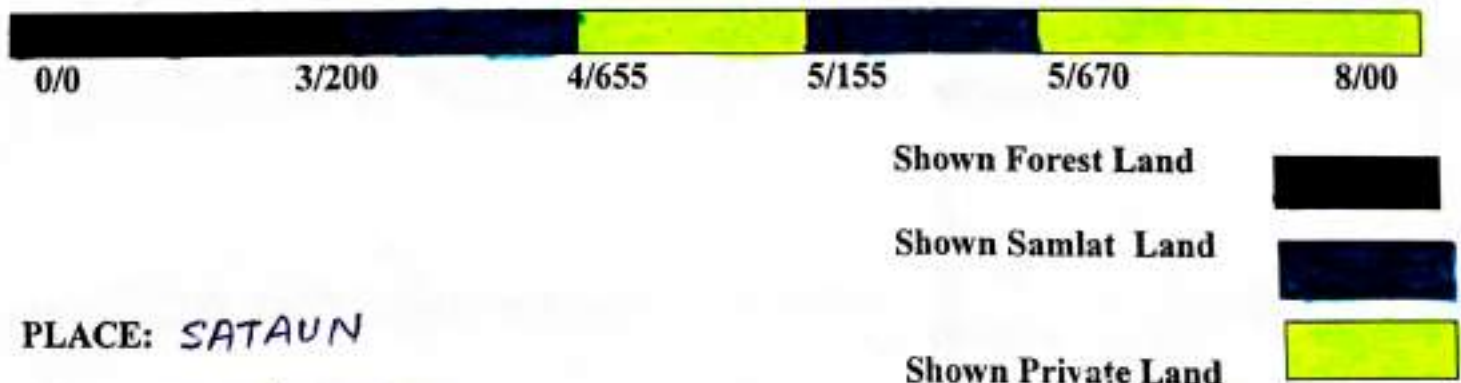
LAYOUT PLAN

Certificate of Forest Land involved in the Project in Shape of Linear Chart

It is certified that the following lengths of Forest as well as Non-Forest Land is involved for the Construction of CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00 in Tehsil Kamrau, Distt. Sirmour, HP.

KM 0/00 to 3/200	=	3200 Mtrs.	Forest Land =	1.76 Ha.
Proposed dumping from RD 0/00 to 2/00 at site D1, D2, D3 & D4 as mentioned in line plan	=			0.16 Ha.
Total	=			1.92 Ha.
KM 3/200 to 4/655 and 5/155 to 5/670	=	1970 Mtrs.(Samlat land)	Non- Forest Land	
	=		=	1.182 Ha
KM 4/655 to 5/155 and 5/670 to 8/0	=	2830 Mtrs(Private land)	Non Forest Land	
	=		=	1.698 Ha.
Total	=	8000 Mtrs. i.e 8.00 kms		

The total forest land length is 3200 meters as shown in the linear chart:



PLACE: **SATAUN**

DATE: **07-08-2020**

ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun

ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun

ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai

MOHINDER SINGH, FR
Range Forest Officer,
Kaffota Forest Range

SHRESHTHA NAND, HPFS
Divisional Forest Officer
Renuka Ji Forest Division,
Renuka Ji Distt. Sirmour H.P.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

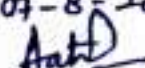
CHECK LIST SERIAL NO. 07

STATEMENT SHOWING DETAILS OF FOREST AREA INVOLVED IN THE PROPOSAL

Sr. No.	Distt.	Division	Range/ Tehsil/Village	Khasra/Survey or Compartment Number	Forest Area Proposed for Diversion (ha..)	Legal Status of Forest Area	Remarks
1	2	3	4	5	6	7	8
1	Sirmour	Renuka ji Forest Division	Kaffota/ Tehsil Kamrau and Distt. Sirmour	C/o CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00 Forest Area from RD 0/00 TO 3/200 Survey Sheet No. H43L10 (53F/10) RF SATAUN C-3& C-4 (SATAUN BEAT)	Forest Area for the C/o Road from RD 0/00 to 3/200 = 3200 mtrs= 1.76 ha. For dumping at dumping sites D1, D2, D3 and D4 = 0.16 ha. Total =1.92 ha	Reserve Forest Sataun	Forest Land from RD 0/00 to 3/200
				Total	1.92 ha.		

Place: **SATAUN**

Date: **07-8-2020**


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai


MOHINDER SINGH, FR
Range Forest Officer,
Kaffota Forest Range


SHRESHTHA NAND, HPFS
Divisional Forest Officer
Renuka Ji Forest Division,
Sri Renuka Ji Distt. Sirmour H.P.

Countersigned by:-

Nodal Officer (FC
Government of.....
Office Seal.....

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

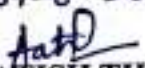
Date of Proposal: _____

CHECK LIST SERIAL NO. 08
STATEMENT SHOWING DETAILS OF NON - FOREST AREA
INVOLVED IN THE PROPOSAL

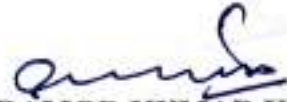
S r. N o	Distt.	Division	Range/ Tehsil/ Village	Khasra/Survey or Compartment Number or KM stone mtr	Non-Forest Proposed Diversion (ha.)	Area for	Legal Status of Non Forest Area	Remarks
1	2	3	4	5	6	7	8	
1	Sirmour	Renuka Forest Division	Kaffota Tehsil Kamrau and Distt. Sirmour Km	C/o CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00 Forest Area from RD 0/00 TO 3/200 Survey Sheet No. H43L10 (53F/10)	Non Forest Area from RD 3/200 to 4/655 & 5/155 to 5/670(Samlat land) = 1970 m x 6.00 m =(1.182 ha) RD 4/655 to 5/155 & 5/670 to 8/00(Private land) = 2830 m x 6.00 m =(1.698 ha) Total Non Forest Area = 1970 + 2830 = 4800 m x 6.00 m = 2.880 ha.		Agriculture land	Non- Forest Area
				Total	2.880 ha.			

Place: SATAUN

Date: 07-8-2020


ER. AATISH THAKUR
 Junior Engineer
 Chandni Section
 HPPWD Sataun


ER. VISHAL BHARDWAJ
 Assistant Engineer,
 Sataun Sub-Division
 HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
 Executive Engineer,
 Shillai Division, (B&R)
 HP.PWD Shillai


MOHINDER SINGH, FR
 Range Forest Officer,
 Kaffota Forest Range


SHRESHTHA NAND, HPFS
 Divisional Forest Officer,
 Renukaji Forest Division,
 Sri Renuka Ji Distt. Sirmour H.P.

Countersigned by:-
 Nodal Officer (FC)

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-11

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

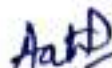
This is to certify that the forest area involved in the proposal is unavoidable and barest minimum i.e 1.92 ha. forest area is involved in proposal no. 01 and the alternate alignments were rejected due to the long route, more forest land, and steep gradient and higher cost of construction.

Sr. No	Proposal/Alignment No.	Forest Area	No. of Trees/saplings	Remarks
1.	Proposal No. 1 (P-I) 3.200 kms forest length	1.92 ha	200	Proposed road due to minimum number of trees involved, sufficient population served.
2.	Proposal No. 2 (P-II) 4.035 kms forest length	2.42 ha.	255	This alignment i.e proposal no. 02 comes out 8.835 kms, its length is 0.835 kms more than the proposal no. 1 including Shamlat & Private land. The gradient of the road in some stretches is very steep as compared to proposal no. 1, also the numbers of trees are more i.e. 255 nos. and hence this alignment is rejected.
3.	Proposal No. 3(P-III) 3.680 kms forest length	2.20 ha	251	This alignment i.e proposal no. 03 comes out to be 8.480 kms, its length is 0.480 kms more than the proposal no. 1 including Shamlat & Private land. The gradient of the road in some stretches is very steep as compared to proposal no. 01 and 02, also the numbers of trees are more i.e. 251 nos. and hence this alignment is rejected.

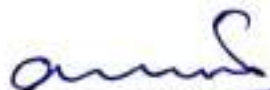
Keeping in view, the above details, the proposal no. 01 is hereby accepted and is not liable to get changed at all in the near future.

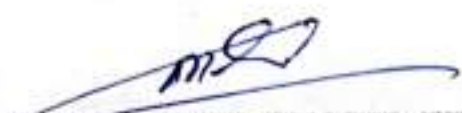
Place: **SATAUN**

Date: **07-8-2020**


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai


MOHINDER SINGH, FR
Range Forest Officer,
KAFFOTA Forest Range


SHRESHTHA NAND, HPFS
~~Divisional Forest Officer~~
~~Renuka Ji Forest Division~~
~~Sri Renuka Ji Dist. Sirmour H.P.~~

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

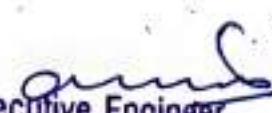
Date of Proposal: _____

CHECK LIST SERIAL NUMBER- 12

**UNDERTAKING FOR PAYMENT OF COST OF
COMPENSATORY AFFORESTATION**

I, Er. Pramod Kumar Upreti, Executive Engineer, Shillai, H.P.P.W.D Shillai hereby undertake to pay the entire amount for Compensatory Afforestation in lieu of the forest area diverted for the C/o **CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00** in Tehsil Kamrau, Distt. Sirmour, HP as per the prevailing wage rates at the time of undertaking the plantation activities.

Place.....**SATAUN**.....
Date.....**07-08-2020**.....


Executive Engineer
Shillai (B & R) Division
H.P.P.W.D. Shillai
(Signature of User Agency)
Official Seal.....


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai


MOHINDER SINGH, FR
Range Forest Officer
Kaffota Forest Range

Countersigned by-

SHRESHTHA NAND, HPFS
Divisional Forest Officer,
Renukaji Forest Division
Sri Renuka Ji Distt. Sirmour H.P.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION, IN DISTRICT SIRMOUR, HP.

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: - 13

UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA

It is certify that I, Er. Pramod Kumar Upreti, Executive Engineer , Shillai Division HPPWD Shillai has applied for diversion of 1.92 ha. of forest area for the purpose of C/O CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00. I, hereby, undertake to pay the Net Present Value (NPV) of above forest land, if so determined as per the final decision of the Hon'ble Supreme Court of India.

Place.....SATAUN.....

Date.....07-08-2020.....


(Signature of User Agency)
Executive Engineer
Shillai (B & R) Division
H.P.P.W.D. Shillai
Official Seal.....


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai

Countersigned by-


MOHINDER SINGH, FR
Range Forest Officer
Kaffota Forest Range


SHRESHTHA NAND, HPFS
Divisional Forest Officer,
Renuka Ji Forest Division
Sri Renuka Ji Distt. Sirmour H.P.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: - 13

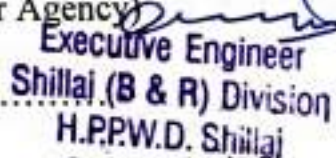
UNDER TAKING FOR PAYMENT OF NET PRESENT VALUE

It is certify that I, Er. Pramod Kumar Upreti, Executive Engineer , Shillai Division HPPWD Shillai has applied for diversion of 1.92 ha. of forest area for the purpose of C/O CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00 It is hereby certified that additional amount of NPV is so determined as per final design of Hon'ble Supreme court of India shall be paid by the HP.PWD. (B&R) Division Shillai.

Place... SATAUN

Date... 07-08-2020

(Signature of User Agency) 

Official Seal..... 


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai

Countersigned by-


MOHINDER SINGH, FR
Range Forest Officer
Kaffota Forest Range


SHRESHTHA NAND, HPFS
Divisional Forest Officer,
Renuka Ji Forest Division,
Sri Renuka Ji Dist. Sirmour H.P.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CHECK LIST NO. 17

DETAILS OF FOREST AREA IDENTIFIED FOR COMPENSATORY AFFORESTATION

LOCATION MAP

CHECK LIST SERIAL NUMBER: 17

LOCATION MAP

Location Map of Non Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of proposal for diversion of 1.92 Ha. of forest land for the c/o Chillon to Chowkimrigwal road km 0/00 to 8/00 in Tehsil Kamroo District Sirmour (H.P).

Village: Tikker, Kunner, Tehsil: Kamroo, District: Sirmour, Forest Division:

Renukaji Forest Division, Forest Range:- Kaffota, Block No.: Sataun,

Compartment No. C-1, Area:- 3.84 ha.

Map attached

Area to be taken for Compensatory Afforestation is 3.84 ha.


MOHINDER SINGH, FR
Range Forest Officer
Kaffota Forest Range


SHRESHTHA NAND, HPFS
Divisional Forest Officer,
Renuka Ji Forest Division,
Renuka Ji Forest Division,
Sri Renuka Ji Dist. Sirmour H.P.

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for compensatory Afforestation to be carried out in lieu of diversion of **1.92** hectare of forest land for C/O Chillion to Chowki Mrigwall in RF Sataun C-3 and C-4 by HPPWD Division Shillai in Sirmour District, Himachal Pradesh. Afforestation will be done over **3.84** hectare i.e. two times the forest land area to be diverted.

1). Details of degraded forest Land / Non-forest land:-

a) District	Sirmour
b) Village (Name of land Bank)	RF Sataun C-1
c) Tehsil	Kamrau
d) Name of Forest Division	Renuka Ji
e) Range	Kafota Forest Range
f) Scale	1:15000
g) Block/Compartment/Survey No.	53F/10
h) Area to be afforested	3.84 Hectare

2). Description of Area:-

a) Whether the site selected for compensatory afforestation is a land bank or not:

Yes. The selected site is a land bank.

b) If the CA site is other than the land bank reason be given:-

Not applicable as the site selected is a land bank.

c) In the case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary?

Not applicable as the site selected is a forest area.

d) Soil Type: ***Rocky (soft) and Sandy loam***

e) Topography: ***Hilly***

ii) Slope: ***Steep / Medium / Gentle***

f) Whether the area is bearing any root stock of vegetation: ***No***

3) Plantation Model:-

Compensatory afforestation over an area of 3.84ha of degraded forest land is proposed to be raised. The area selected for this purpose is in RF Sataun C-1, which is a degraded forest area and has been a land bank. Whole of the plantation of 3.84 will be raised in a single compact block inside the degraded forest for such purpose. The area identified for plantation has also been shown on the attached map. Plants @1100 plants per hectare will be planted. Thus 3080 plants under this diversion proposal will be planted in the land bank. The species to be planted will be mainly Broad leaved. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I. instructions.

Particular of works	Area under CA scheme (In Hact.)	Norm fixed for 2018-19 at the wage rate of Rs.225/- per day.	Year of execution of works	Cost Escalation of 10% rate for each financial year	Total amount of CA
(a) Initial cost for Plantation	3.84	81900	2020-21	90090	3,45,946/-
Soil Conservation Works				1/s	100000/-
					4,45,946/-
(b) 1 st year maintenance	3.84	12460	2021-22	13710	52650
2 nd year maintenance	3.84	8340	2022-23	9180	35260
3 rd year maintenance	3.84	4270	2023-24	4700	18050
4 th year maintenance	3.84	2400	2024-25	2640	10140
5 th year maintenance	3.84	2400	2026-27	2640	10140
6 th year maintenance	3.84	2400	2027-28	2640	10140
7 th year maintenance	3.84	2400	2028-30	2640	10140
8 th year maintenance	3.84	2400	2030-31	2640	10140
9 th year maintenance	3.84	2400	2031-32	2640	10140
10 th year maintenance	3.84	2400	2033-34	2640	10140
			Total Maintenance		1,76,940/-
			Total (a+b)		6,22,886/-
Departmental Charges				17.5%	109010/-
Contingencies				5%	31150/-
			Total		7,63,046/-
			Or Say		7,63,100/-

4). Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) **General Details:** - An area of 3.84 ha will be taken up for planting under compensatory afforestation scheme in RF Sataun C-1 a single compact block. The area will be protected by Barbed wire fencing and a mixture of conifer and broad leaved species will be planted. Plants will be planted @ 1100 plants per hectare.

- (b) Spacing:- 3.0 mtr×3.0 mtr
1. Species:- Broad Leaved.
- (c) **Plantation Method:-** Nursery grown one year old plants of Mixed species of Broad Leaved) Polythene bags will be planted in 45×45×45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up failures will be done. The plantation will be rain faded.
- (d) **Soil and Moisture Conservation Works:-** Contour trenching will be done over the entire area to conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor Soil conservation works like gully plugging check walls will be done where ever required.
- (e) **Protection (Fencing, Watch man, People's Participation etc.):**- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable place around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
- (f) **Proposed Monitoring Mechanism:-** The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitored by GoI representatives as per instructions.


(Shreshtha Nand) HPFS
Divisional Forest Officer
Renuka Ji Forest Division
Sri Renuka Ji Dist. Simla H.P.
Renuka Ji.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-19
LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 3.84 ha. land bearing Compartment C-1 of RF Sataun Tehsil Kamrau, District Sirmour, Himachal Pradesh identified for Compensatory Afforestation is suitable from the management and protection point of view which is in a compact block and contiguous to forest area and is free from all sorts of encumbrances and encroachments.

Place... RENUKA JI

Date... 11-8-2020


MOHINDER SINGH, FR
Range Forest Officer
Kaffota Forest Range


SHRESHTHA NAND, HPFS
Divisional Forest Officer,
Renuka Ji Forest Division
Sri Renuka Ji Distt. Sirmour H.P.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

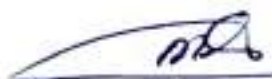
CHECK LIST SERIAL NUMBER: 20

LAND IDENTIFIED FOR CA IS SUITABLE FOR RAISING PLANTATION

This is to certify that 3.84 ha. land bearing Compartment C-1 of RF Sataun Tehsil Kamrau, District Sirmour, Himachal Pradesh identified for Compensatory Afforestation is suitable for raising plantation.

Place.. RENUKA JI

Date.. 11-8-2020


MOHINDER SINGH, FR
Range Forest Officer
Kaffota Forest Range


SHRESHTHA NAND, HPFS
Divisional Forest Officer,
Renuka Ji Forest Division,
Sri Renuka Ji Dist. Sirmour !! P.

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

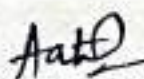
CHECK LIST SERIAL NUMBER-34

CERTIFICATE IN RESPECT OF DUMPING YARD

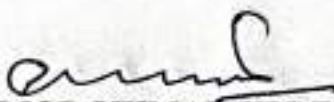
Certified that excavated material extracted from the construction of **CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00** will be utilized in preparation of sub grade, embankment filling, back filling of R/walls & Pipe culverts and will be used in preparation of road bed.

Place... SATAUN

Date... 07-08-2020


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-34

INESCAPABILITY CERTIFICATE

It is certified that the alignment of the proposed road from **CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00** is most economical, feasible and best amongst all the other two alternative alignments involving minimum amount of forest land and is final. It is also certified that two more alternative alignments were also examined and were rejected in favor of the present alignment as the alternative alignments involved heavy loss of forest wealth. The forest involvement in these three proposed alignments is inescapable.

Place: **SATAUN**

Date: **7-8-2020**


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai

JOINT INSPECTION REPORT

On dated 06.11.2019, joint inspection team comprising of the following officers of P.W.D. Department and Forest Department inspected three road proposals for the C/o Chillon to Chowki Mrigwal road in Tehsil Kamrau District Sirmour H.P. The proposal was seen with view to minimize the involvement of forest land and also to minimize the adverse environment effect due to construction of the road.

Proposal No. 1

Total length of this road alignment is 8.00 kms. The road portion from km 0/00 to 3/200 falls in RF Sataun, Compartment C-3 & C-4. The total length of this proposed alignment through forest is thus 3.200 kms with average width of 5.50 mtrs. The forest land involved is 1.76 ha. for road construction and 0.16 ha. for dumping site, that equals 1.92 ha. of RF is required to be diverted in favour of HPPWD for the C/o this road, whose detail is attached as annexure 1.

Proposal No. 2

As proposal No. 2 comes out 8.835 kms, its length is 0.835 kms more than the proposal no. 1 including Shamlat & Private land. The gradient of this road proposal in some stretches is very steep as compared to proposal no. 1 which is not practically feasible as per the prevailing PWD norms. Also the numbers of trees are more i.e. 255 nos trees. The forest land involved is 2.21 ha. for road construction and 0.21 ha. for dumping site, that equals 2.42 ha. of RF is required to be diverted in favour of HPPWD for the C/o this road, whose detail is attached as annexure 2 and hence this proposal is rejected.

Proposal No. 3

As proposal No. 3 comes out 8.480 kms, its length is 0.480 kms more than the proposal no. 1 including Shamlat & Private land. The gradient of the road in some stretches is very steep as compared to proposal no. 1 and 2 making the construction of this road alignment very uneconomical. Also the numbers of trees are more i.e. 251 nos. trees. The forest land involved is 2.02 ha. for road construction and 0.18 ha. for dumping site, that equals 2.20 ha. of RF is required to be diverted in favour of HPPWD for the C/o this road, whose detail is attached as annexure 3 and hence this proposal is rejected.

The involvement of forest land is unavoidable as whatsoever the alternative proposal is, the feasibility passes through forest land, thus making it inescapable to involve the forest land. The proposal no.1 identified at the site by the P.W.D. Department is final and is not likely to change at any point of time. The proposal no. 1 is aligned in such a way that there is least possibility of ecological imbalance including loss of trees.

The joint inspection team has come to the conclusion that, proposal no. 1 whose length comes out to be 8.00 kms having RF 1.92 ha. that passes through forest land is essential and minimum forest land is required for the construction of Chillon to Chowkimrigwal road in proposal no. 1.

Hence, Proposal no. 1 is finalized.

The case had to be moved under section 2 of FCA 1980, before starting the work.


(E.R. MANI RAM)
Junior Engineer
(B&R) Sub-Division
H.P.P.W.D. Sataun


(E.R. VISHAL BHARDWAJ)
Assistant Engineer
(B&R) Sub-Division
H.P.P.W.D. Sataun


(E.R. PRAMOD KUMAR UPRETI)
Executive Engineer
Shillai (B & R) Division
H.P.P.W.D. Shillai


P. Sakam
B.R. Sataun


Shaukat Ali
H.P.P.W.D. Sataun


SH. SHRESHTHA NAND (H.P.F.)
Divisional Forest Officer
Renuka Ji Forest Division,
Sri Renuka Ji Distt. Sirmour H.P.


SH. MOHINDER SINGH
Range Forest Officer
Kafota Range Kafota

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-34

UNDERTAKING

It is hereby certified that geo-referenced boundary in shape file and digital map with a hard copy is prepared by using Total Station or differential GPS, in respect of diversion of forest land proposed for the Construction of **CHILLON TO CHOWKI MRIGWAL ROAD KM 0/00 TO 8/00.**

Place.....SATAUN.....

Date.....7-8-2020.....


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HA. OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOWKI MRIGWAL KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKAJI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

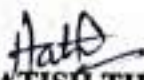
Date of Proposal: _____

CHECK LIST SERIAL NUMBER-34
VILLAGE WISE DISTRIBUTION OF FOREST AND NON-FOREST LAND

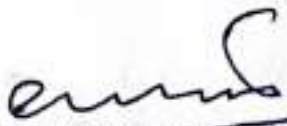
Sr. No.	RD From	RD To	Length in meter	Name of the village	Length in forest land	Length in non-forest land	Width in forest land	Width in non-forest land	Remarks
1	2	3	4	4	5	6			8
1	0/0	3/200	3200 mtrs	Tikker	3200 mtrs.	-----	5/7 mtrs	-----	Forest Land
2	3/200	4/655	1455 mtrs	Kuner	-----	1455 mtrs	-----	5/7 mtrs	Non Forest Land (Samlat land)
3	4/655	5/155	500 mtrs	Kakvadi	-----	500 mtrs	-----	5/7 mtrs	Non Forest Land (Private land)
4	5/155	5/670	515 mtrs	Bag	-----	515 mtrs	-----	5/7 mtrs	Non Forest Land (Samlat land)
5	5/670	8/00	2330 mtrs	Chowki mrigwal	-----	2330 mtrs	-----	5/7 mtrs	Non Forest Land (Private land)
				Total=	3200 mtrs.	4800 mtrs.			

Place.....SATAUN.....

Date...07-08-2020...


ER. AATISH THAKUR
Junior Engineer
Chandni Section
HPPWD Sataun


ER. VISHAL BHARDWAJ
Assistant Engineer,
Sataun Sub-Division
HP.PWD, Sataun


ER. PRAMOD KUMAR UPRETI
Executive Engineer,
Shillai Division, (B&R)
HP.PWD Shillai

Digital Map for Compensatory Afforestation (Compartment C-1, RF Sataun) in favour of the C/O Link Road Chillon to Chowki Mrigwal (Area 3.85 ha) in Beat Sataun, Block Sataun, District Sirmaur, HP



Enumeration list of Trees falls in the alignment of Road from RD No 00/000 to 00/200
from Chellon to Chowki-Mingwal Road. CRF Sataun C4 & C3

1st option

Page 1

CNO	SNO	RDNO	SpP	dia	Class	Remarks	SNO	RDNO	SpP	dia	Class	Remarks
RF Sataun C4	1	00/15	Shingar	21/22	IV	green standp	33	00/360	Chinan	27/28	IV	green standp
"	2	00/045	Chinan	22/23	IV	"	34	"	Papari	31/32	III	"
"	3	00/060	Papari	14/15	V	"	35	"	"	12/13	V	"
"	4	"	"	27/28	IV	"	36	"	"	17/18	V	"
"	5	00/075	"	30/31	III	"	37	00/375	"	21/22	IV	"
"	6	00/090	Sal	93/94	IC	"	38	00/390	Kabar	105/106	ID	"
"	7	00/105	Papari	16/17	V	"	39	00/405	Papari	15/16	V	"
"	8	00/135	Chinan	24/25	IV	"	40	"	kamil	13/14	IV	"
"	9	"	Jingan	20/21	IV	"	41	00/405	"	14/15	V	"
"	10	"	"	18/19	V	"	42	00/420	"	27/28	IV	"
"	11	"	"	31/32	III	"	43	00/435	Papari	18/19	V	"
"	12	00/165	"	17/18	V	"	44	"	Jingan	29/30	IV	"
"	13	00/180	"	23/24	IV	"	45	00/450	"	34/35	III	"
"	14	"	"	17/18	V	"	46	00/465	Papari	14/15	V	"
"	15	"	"	25/26	IV	"	47	"	"	34/35	III	"
"	16	00/240	"	35/36	IV	"	48	00/495	Chinan	15/16	V	"
"	17	00/240	Papari	14/15	V	"	49	"	Jingan	27/28	IV	"
"	18	"	Afjun	21/22	IV	"	50	"	"	20/29	IV	"
"	19	"	"	21/22	IV	"	51	00/510	Chinan	28/29	IV	"
"	20	00/255	Papari	12/18	V	"	52	00/525	Jingan	28/29	IV	"
"	21	"	"	14/15	V	"	53	00/540	"	34/32	IV	"
"	22	00/270	"	16/17	V	"	54	00/555	Papari	15/16	V	"
"	23	"	Jingan	29/29	IV	"	55	"	"	24/25	IV	"
"	24	00/285	"	15/16	V	"	56	"	"	13/14	V	"
"	25	"	Bhaman	33/34	III	"	57	"	Chinan	22/23	IV	"
"	26	00/300	Jingan	21/22	IV	"	58	00/570	"	27/28	IV	"
"	27	"	Bhaman	21/22	IV	"	59	"	"	16/17	V	"
"	28	"	"	20/21	IV	"	60	"	"	12/13	V	"
"	29	00/315	Chinan	12/18	V	"	61	"	"	18/19	V	"
"	30	"	"	28/29	IV	"	62	00/585	"	32/33	III	"
"	31	"	"	20/26	IV	"	63	00/585	"	33/34	IV	"
"	32	00/330	04	14/15	V	"	64	"	"	10/12	V	"

Standard 100/1000

Jst option						Ige-2					
SN	RDN	Spp	di	cl	Remarks	SN	RDN	Spp	di	cl	Remarks
65	00/1500	Chinai	25/28	IV	greenstand	98	00/780	Jingan	14/15	V	greenstand
66	00/1600	Jingan	42/43	IIA	"	99	"	"	14/15	V	"
67	00/600	Papari	15/16	V	"	100	00/795	"	30/31	IV	"
68	00/615	"	14/15	V	"	101	"	Shingon	57/58	IIB	"
69	"	"	12/13	V	"	102	"	"	27/28	IV	"
70	"	"	10/12	V	"	103	"	Kachuan	15/16	II	"
71	"	"	10/11	V	"	104	00/810	Shingon	85/86	IC	"
72	"	"	15/19	V	"	105	"	"	15/16	V	"
73	"	"	24/25	IV	"	106	"	"	14/15	V	"
74	00/630	"	25/26	IV	"	107	"	"	13/14	V	"
75	"	"	21/22	IV	"	108	"	"	27/28	IV	"
76	00/660	"	15/16	V	"	109	"	"	16/17	V	"
77	"	Kamil	11/12	V	"	110	00/825	Chinai	24/25	IV	"
78	"	"	11/12	V	"	111	"	Shingon	33/34	III	"
79	00/675	"	21/22	IV	"	112	00/840	"	14/15	V	"
80	00/690	Papari	24/25	IV	"	113	"	"	21/22	IV	"
81	"	"	22/23	IV	"	114	"	"	17/18	V	"
82	"	Kamil	16/17	V	"	115	"	Chinai	22/28	IV	"
83	00/705	Jingan	20/21	IV	"	116	00/855	"	27/28	IV	"
84	"	"	17/18	V	"	117	"	"	21/22	IV	"
85	"	"	14/15	V	"	118	00/915	Kamil	22/23	IV	RF Satam Cg
86	00/720	"	14/15	V	"	119	00/945	Jingan	21/22	IV	"
87	00/735	Shingon	45/46	IIA	"	120	"	"	17/18	V	"
88	"	Kamil	17/18	V	"	121	00/960	"	22/23	IV	"
89	"	"	12/13	V	"	122	00/960	Kamil	24/25	IV	"
90	00/750	"	21/22	IV	"	123	00/975	Dhaman	31/32	III	"
91	"	Papari	21/22	IV	"	124	01/105	Chinai	21/22	IV	"
92	00/765	"	42/43	IIA	"	125	"	Dhaman	34/35	III	"
93	"	"	12/13	V	"	126	"	"	22/23	IV	"
94	"	"	14/15	V	"	127	01/120	Shingon	33/34	III	"
95	"	"	24/27	IV	"	128	"	"	27/28	IV	"
96	"	"	21/22	IV	"	129	01/135	Kamil	17/18	V	"
97	00/780	Jingan	27/28	IV	"	130	01/150	Jingan	27/28	IV	"

10/10/2020
 10/10/2020
 10/10/2020

Jat option											Page 3
SNO	RDN	Spp	da	class	Remarks	SNO	RDN	Spp	da	class	Remarks
131	01/150	Jingan	25/26	IV	green stand	164	02/195	Sal	34/35	III	green stand
132	01/165	Rafari	16/17	V	"	165	"	"	20/21	IV	"
133	01/180	kamil	16/17	V	"	166	"	"	45/46	IIA	"
134	01/195	"	26/27	IV	"	167	"	"	34/35	III	"
135	"	Dhanan	21/22	V	"	168	02/210	"	23/24	IV	"
136	"	"	27/28	IV	"	169	02/255	"	40/41	IIA	"
137	01/225	Amala	33/34	III	"	170	"	Kaboa	78/79	IB	"
138	01/240	kamil	12/13	V	"	171	"	Sal	24/25	IV	"
139	"	Sis	22/23	IV	"	172	02/270	"	41/42	IIA	"
140	"	kamil	17/18	V	"	173	"	"	33/34	III	"
141	01/255	Dhanan	22/23	IV	"	174	"	"	41/42	IIA	"
142	01/270	"	33/34	III	"	175	"	"	33/34	III	"
143	01/330	kamil	20/21	IV	"	176	"	"	40/41	IIA	"
144	01/345	"	22/23	IV	"	177	02/285	"	33/34	III	"
145	01/360	Chinan	30/31	III	"	178	02/300	"	35/36	III	"
146	01/375	kamil	20/21	IV	"	179	"	"	33/34	III	"
147	01/435	Chinan	27/28	IV	"	180	02/315	"	31/32	III	"
148	01/450	"	21/22	IV	"	181	"	"	20/21	IV	"
149	"	Sis	28/29	IV	"	182	"	"	24/25	IV	"
150	01/465	"	33/34	III	"	183	"	"	21/22	IV	"
151	01/480	"	25/26	IV	"	184	"	"	34/35	III	"
152	"	"	30/31	III	"	185	"	"	24/25	IV	"
153	"	"	33/34	III	"	186	02/330	"	24/25	IV	"
154	01/495	Chinan	27/28	IV	"	187	02/345	"	27/28	IV	"
155	"	"	20/21	IV	"	188	02/360	"	24/25	IV	"
156	01/570	"	33/34	III	"	189	"	"	14/15	IV	"
157	"	Sis	33/34	III	"	190	"	"	25/26	IV	"
158	"	"	17/18	V	"	191	02/360	"	30/31	III	"
159	01/525	kamil	20/21	IV	"	192	"	"	26/27	IV	"
160	"	"	26/27	IV	"	193	"	"	33/34	III	"
161	02/045	Jingan	45/46	IIA	"	194	"	"	33/34	III	"
162	02/135	Sain	36/37	III	"	195	02/375	"	27/28	IV	"
163	02/195	Sal	29/29	IV	"	196	"	"	51/51	IIA	"

Shahin Beg
1/2/2020

Ist option

Page 4

SNO	RDNO	spp	dis	class	Remarks
197	02/390	Sat	22/28	IV	green staff
198	"	"	22/23	IV	"
199	"	"	51/52	IB	"
200	"	"	40/41	IIA	"

Standard/Kel
H. S. S. S. S. S.
P. S. S. S. S.

ap/kan

100

Block Forest Officer
Forest Block Sataun

General Abstract of Enumerated trees falls in the alignment of Road RD No 0/000 to 003/200 from Chillon to Chawki Mirgud Road.

Sno	Spp.	I		II		III		IIA		IIB		IA		IB		IC		ID & over		Total	
		No	VOL	No	VOL	No	VOL	No	VOL	No	VOL	No	VOL	No	VOL	No	VOL	No	VOL	No	VOL
1	Kokath	60	3840	70	12880	23	9614	4	3540	1	1515	-	-	1	3193	1	3193	1	3193	161	40868
2	Sain	-	-	-	-	1	0772	-	-	-	-	-	-	-	-	-	-	-	-	1	0772
3	Sal	1	0113	16	5552	12	9264	6	10152	2	5848	-	-	-	-	1	6074	-	-	38	37003
Total:		61	3953	86	18432	36	19650	10	13692	3	7363	-	-	1	3193	2	9267	1	3193	200	78743


G. R. Sataun


Block Forest Officer
Kafota Block Sataun


Range Forest Officer
Kafota Range Kafota

Enumeration list of tree falls in the alignment of Road from
RDM 0/10 to 2/55 from Chillon to Chawki ming wal Road

Indt

Page 1

Final Opinion

C-2

SMD	RDMO	SPP	Dia	Class	Remarks	SMD	RDMO	SPP	Dia	Class	Remarks
①	0/10	Chinan	31/32	III	green standing	32	0/270	Phon	24/25	IV	green standing
②	0/45	do	15/16	V	"	33	0/315	Jingen	26/27	IV	
③	0/60	Kambel	17/18	IV		34	"	papai	16/17	V	
④	"	Jamun	12/13	IV		35	0/345	Jingen	25/26	IV	
⑤	0/75	"	16/17	IV		36	0/360	"	47/48	IIA	
⑥	"	Chinan	22/23	IV		37	0/375	"	12/12	V	
⑦	0/105	Jamun	54/55	IIB		38	"	Sal	41/42	IIA	
⑧	"	"	18/19	V		39	"	"	41/42	IIA	
⑨	"	Jingen	45/46	IIA		40	"	"	53/54	IIB	
⑩	0/120	Kambel	24/25	IV		41	0/405	"	33/34	III	
⑪	"	Jingen	34/35	III		42	"	Jingen	21/22	IV	
⑫	"	"	17/18	V		43	0/420	"	28/29	IV	
⑬	"	Chinan	12/13	V		44	"	Sal	35/36	III	
⑭	0/135	Jamun	38/39	III		45	"	"	31/32	III	
⑮	"	"	34/35	III		46	0/435	"	38/39	III	
⑯	0/165	Jingen	28/29	IV		47	0/465	"	27/28	III	
⑰	"	Jingen	44/45	IIA		48	"	"	35/36	III	
⑱	0/180	"	27/28	IV		49	0/480	"	26/27	IV	
⑲	0/195	"	27/28	IV		50	"	papai	17/18	V	
⑳	"	"	26/27	IV		51	"	Sal	28/29	IV	
㉑	"	"	24/25	IV		52	0/495	"	35/36	III	
㉒	"	"	15/16	V		53	"	"	36/37	III	
㉓	0/225	"	75/76	IA		54	0/510	"	35/36	III	
㉔	"	"	31/32	III		55	"	"	24/25	IV	
㉕	"	"	11/12	V		56	"	"	25/26	IV	
㉖	"	"	13/14	V		57	"	"	35/36	III	
㉗	"	"	16/17	V		58	"	"	38/39	III	
㉘	"	"	35/36	III		59	0/525	Jingen	38/39	III	
㉙	"	Phon	17/18	V		60	0/585	papai	13/14	V	
㉚	"	"	12/13	V		61	"	Jingen	13/14	V	
㉛	0/270	"	15/16	V		62	"	"	34/35	III	

Shaulon Road
1054/1055

Ind option

Ind
page 2

SMP	RDMD	SPP	Dia	class	Remarks	SMP	RDMD	SPP	Dia	class	Remarks
63	0/1600	singen	36/36	III	garengstang	65	0/855	singen	26/27	IV	garengstang
64	0/615	"	43/44	IIA		96	"	singen	25/26	IV	
65	0/620	singen	18/19	V		97	0/870	"	24/25	IV	
66	0/645	kambel	13/14	V		98	"	dumane	12/14	V	
67	"	singen	31/32	III		99	"	"	22/24	IV	
68	"	"	16/17	V		100	0/930	kamel	12/14	V	
69	0/660	singen	32/34	III		101	"	"	14/15	V	
70	"	"	24/25	IV		102	0/915	papri	34/34	III	
71	"	"	34/35	III		103	0/15	turn	24/25	IV	
72	0/675	"	21/22	IV		104	0/30	papri	18/19	V	
73	0/690	"	14/15	V		105	"	turn	58/59	II B	
74	0/720	"	41/42	IIA		106	"	"	14/15	V	
75	0/720	"	27/28	IV		107	"	papri	18/19	V	
76	0/720	papri	26/27	IV		108	0/45	kambel	16/17	V	
77	0/750	kambel	28/29	IV		109	"	"	21/22	IV	
78	"	singen	29/30	IV		110	"	"	21/22	IV	
79	"	"	30/31	III		111	0/75	"	12/13	V	
80	0/765	"	21/22	IV		112	"	turn	17/18	V	
81	0/765	singen	45/46	IIA		113	0/90	kambel	21/22	IV	
82	0/780	kamel	18/19	V		114	"	"	12/13	V	
83	"	papri	12/14	V		115	0/105	papri	34/35	III	
84	0/810	"	55/56	II B		116	"	"	31/32	III	
85	"	"	35/36	III		117	0/120	shrimp	47/48	IIA	
86	"	"	22/24	IV		118	"	singen	26/27	IV	
87	"	singen	15/16	V		119	0/150	shou	27/28	IV	
88	0/825	papri	22/24	V		120	"	"	21/22	IV	
89	"	singen	29/29	IV		121	"	"	31/32	III	
90	"	"	21/17	V		122	"	singen	25/26	IV	
91	"	"	31/32	III		123	0/165	"	26/27	IV	
92	0/840	"	37/38	III		124	"	"	15/16	V	
93	"	"	25/26	IV		125	"	turn	24/25	IV	
94	"	kambel	15/16	V		126	"	singen	27/28	IV	

slauker
109 to 112

Final option

Final
Page ③

Sr No	RD No	SPP	Dia	Class	Remarks	Sr No	RD No	SPP	Dia	Class	Remarks
(127)	0/180	Chinan	24/25	Ih	green	159	1/480	papai	14/15	II	
(128)	"	"	28/29	Ih	standing	160	"	"	21/22	IV	
(129)	"	"	24/25	Ih		161	"	Kambel	28/28	Ih	
(130)	"	Kimbil	15/16	I		162	"	"	25/26	Ih	
(131)	"	Chila	15/16	II		163	"	"	13/14	II	
(132)	"	Chinan	35/46	III		164	1/524	Singam	21/22	IV	
(133)	"	"	22/23	Ih		165	"	"	24/26	Ih	
(134)	"	Kimbil	21/22	Ih		166	"	"	25/26	Ih	
(135)	"	Chila	15/16	II		167	"	"	22/23	Ih	
(136)	"	"	17/18	I		168	1/645	"	17/18	V	
(137)	"	Kimbil	22/23	Ih		169	1/690	papai	34/36	III	
(138)	"	"	21/22	Ih		170	"	"	25/26	Ih	
(139)	0/225	"	27/28	Ih		171	1/705	Kambel	15/16	II	
(140)	"	"	25/26	Ih		172	"	"	14/15	I	
(141)	"	papai	21/22	Ih		173	1/750	"	24/26	Ih	
(142)	"	"	25/26	IV		174	1/745	Singam	20/21	Ih	
(143)	0/240	Kachmar	24/25	Ih		175	"	"	19/20	II	
(144)	0/255	papai	26/27	Ih		176	"	"	19/20	II	
(145)	"	"	25/26	Ih		177	1/760	"	20/21	II	
(146)	"	"	21/22	Ih		178	1/775	"	31/32	III	
(147)	"	"	34/35	III		179	0/105	"	36/37	III	
(148)	1/300	Kambel	15/16	V		180	"	"	27/28	Ih	
(149)	"	"	27/28	Ih		181	2/120	"	31/32	III	
(150)	"	"	26/27	Ih		182	"	"	28/29	Ih	
(151)	1/330	papai	18/19	I		183	2/135	Kimbil	20/21	II	
(152)	"	"	17/18	II		184	2/150	"	28/29	Ih	
(153)	"	"	15/16	II		185	"	"	27/28	Ih	
(154)	"	"	12/13	V		186	"	"	26/27	Ih	
(155)	1/345	Khajur	28/29	IV		187	2/165	"	26/27	Ih	
(156)	1/405	Kachmar	34/35	III		188	2/180	"	17/18	I	
(157)	"	Kambel	27/28	Ih		189	2/195	"	21/22	Ih	
(158)	1/480	"	28/29	Ih		190	"	"	15/16	I	

Slender
1/102
1/102

Ind option

Ind
page 4

Slr	RDNO	SPP	Dia	Class	Remarks	Slr	RDNO	SPP	Dia	Class	Remarks
191	$\frac{2}{195}$	Dumca	26/27	Ih	green	224	$\frac{2}{325}$	Sal	24/25	Ih	green
192	"	AmJa	52/53	III	standing	225	"	Kambel	81/82	IB	standing
193	$\frac{2}{210}$	Kambel	13/14	Ih		226	"	Sal	24/25	Ih	
194	"	"	18/19	Ih		227	"	"	38/39	III	
195	$\frac{2}{255}$	"	18/19	Ih		228	$\frac{2}{390}$	"	32/34	III	
196	"	"	17/18	Ih		229	"	"	41/42	IIA	
197	"	"	31/32	III		230	"	"	34/35	II	
198	"	"	19/20	Ih		231	"	"	41/42	IIA	
199	$\frac{2}{290}$	"	28/29	Ih		232	"	"	34/35	III	
200	$\frac{2}{300}$	Chiman	30/31	III		233	"	"	31/32	III	
201	"	Kambel	21/22	Ih		234	"	"	31/32	III	
202	"	Chiman	27/29	Ih		235	"	"	31/32	III	
203	"	"	21/22	Ih		236	$\frac{2}{435}$	"	24/26	Ih	
204	"	"	17/18	Ih		237	"	"	24/25	Ih	
205	"	"	32/33	III		238	$\frac{2}{450}$	"	22/24	Ih	
206	$\frac{2}{315}$	"	25/26	Ih		239	"	"	31/32	III	
207	"	"	31/32	III		240	"	"	25/26	Ih	
208	"	"	34/35	III		241	$\frac{2}{465}$	"	21/22	Ih	
209	"	"	26/27	Ih		242	"	"	27/28	Ih	
210	$\frac{2}{330}$	"	20/21	Ih		243	"	"	26/27	Ih	
211	"	"	32/33	III		244	"	"	15/16	Ih	
212	"	"	34/35	III		245	$\frac{2}{480}$	"	27/28	Ih	
213	"	"	19/20	Ih		246	"	"	31/32	III	
214	$\frac{2}{345}$	Kambel	21/22	Ih		247	"	"	28/29	Ih	
215	"	"	27/28	Ih		248	"	"	34/35	III	
216	$\frac{2}{260}$	green	44/45	II B		249	$\frac{2}{495}$	"	32/33	III	
217	"	"	34/35	III		250	"	"	27/28	Ih	
218	"	Sal	26/27	Ih		251	$\frac{2}{510}$	"	47/48	IIA	
219	"	"	32/34	III		252	"	"	27/28	Ih	
220	"	"	21/22	Ih		253	"	"	22/24	Ih	
221	$\frac{2}{275}$	"	46/47	II B		254	$\frac{2}{525}$	"	49/50	IIA	
222	"	"	31/32	III		255	"	"	38/39	III	
223	"	"	39/40	III							

Slougar
Sakun Bat

General Abstract of enumerated trees falls in alignment of road RD No 0/10 to 2/390 from Chellan to Chowki minguwal.
 Ind option

S.No	Species	V		IV		III		IIA		IIB		IA		IB		IC		ID		Total	
		No	Vol.	No	Vol.	No	Vol.	No	Vol.	No	Vol.	No	Vol.	No	Vol.	No	Vol.	No	Vol.	No	Vol.
1	Kolath	60	3.84	91	16.744	36	15.040	8	7.08	3	4.545	1	2.2940	1	3.1930	-	-	-	-	200	52.736
2	Sad	1	0.1130	19	6.593	27	20.894	7	11.844	1	2.9240	-	-	-	-	-	-	-	-	55	42.318
	Total	61	3.953	110	23.337	63	35.884	15	18.924	4	7.469	1	2.2940	1	3.1930	-	-	-	-	255	95.054

MS
 Range Forest Officer
 Kafota Range Kafota

MS
 Block Forest Officer
 Forest Block Satay

MS
 Block Forest Officer
 Forest Block Satay

Enumeration List of Tree falls in the alignment of Road from
RD No-0150 to $\frac{2}{390}$ from Chillon to Chokri marginal Road.

page ①

SMO	RD No	SPP	Dia	Class	Remarks	SMO	RD	SPP	Dia	Class	Remarks
①	0/150	sal	52/54	II B.	green	32	0/390	jungen	34/35	III	green
②	"	papri	14/15	I	standing	33	0/405	"	26/27	IV	standing
③	0/165	"	26/27	IV		34	"	"	31/32	III	
④	"	sal	53/54	II B.		35	0/420	"	34/35	III	
⑤	"	sal	66/67	IA.		36	"	"	31/32	III	
⑥	0/180	sal	68/69	IA.		37	"	"	12/14	V	
⑦	"	sal	32/34	III		38	"	"	11/12	I	
⑧	"	papri	17/18	IV		39	"	kamal	12/14	I	
⑨	0/195	sal	12/13	I		40	0/435	"	11/12	I	
⑩	0/225	sal	13/14	I		41	"	"	17/18	I	
⑪	0/270	"	51/52	II B.		42	"	jungen	14/15	I	
⑫	"	"	71/72	IB.		43	0/450	"	27/28	IV	
⑬	"	"	64/65	IA.		44	"	"	11/12	I	
⑭	0/300	"	75/76	IB.		45	"	"	16/17	I	
⑮	"	papri	17/18	I		46	"	"	38/39	III	
⑯	"	kamal	16/17	I		47	0/465	papri	16/17	V	
⑰	0/315	papri	31/32	III		48	"	"	17/18	I	
⑱	"	"	41/42	IIA		49	"	"	18/19	I	
⑲	0/330	"	34/35	III		50	"	jungen	12/14	I	
⑳	"	"	24/26	IV		51	"	"	14/15	I	
㉑	"	"	26/27	I		52	"	"	17/18	I	
㉒	"	"	24/26	IV		53	"	"	12/14	I	
㉓	0/375	"	11/12	I		54	"	papri	15/16	I	
㉔	"	"	12/14	I		55	0/480	"	34/35	III	
㉕	"	"	24/25	IV		56	"	"	16/17	V	
㉖	"	"	11/12	I		57	"	jungen	21/22	IV	
㉗	"	"	31/32	III		58	"	"	12/13	I	
㉘	"	jungen	21/22	IV		59	"	kamal	11/12	I	
㉙	"	"	15/16	I		60	"	"	10/11	I	
㉚	"	"	17/18	I		61	0/495	"	26/27	I	
㉛	0/390	"	21/22	I		62	"	"	25/26	IV	

Shantanu
1/10/2019

2-4

SNo	RPMO	SPP	Dia	Class	Remarks	SNo	RPMO	SPP	Dia	Class	Remarks
63	0/495	Karnel	11/12	<u>V</u>	green	95	0/690	Jangem	38/39	<u>III</u>	
64	0/510	"	10/11	<u>V</u>	standing	96	"	"	32/33	<u>II</u>	
65	"	"	17/18	<u>V</u>		97	"	"	31/32	<u>III</u>	
66	"	"	14/15	<u>V</u>		98	"	"	41/42	<u>DA</u>	
67	"	"	11/12	<u>V</u>		99	"	"	31/32	<u>II</u>	
68	"	"	11/12	<u>V</u>		100	0/705	"	11/12	<u>V</u>	
69	"	"	12/14	<u>VI</u>		101	"	Karnel	12/13	<u>V</u>	
70	"	"	22/24	<u>II</u>		102	"	Jangem	21/22	<u>II</u>	
71	"	"	15/16	<u>V</u>		103	0/720	"	24/25	<u>II</u>	
72	0/540	Jangem	21/22	<u>II</u>		104	"	"	24/26	<u>II</u>	
73	"	"	25/26	<u>IV</u>		105	"	Karnel	20/21	<u>II</u>	
74	"	"	15/16	<u>II</u>		106	0/735	Papri	54/55	<u>II B</u>	
75	"	"	32/34	<u>III</u>		107	"	"	54/55	<u>II B</u>	
76	"	Singer	34/35	<u>II</u>		108	"	"	21/22	<u>II</u>	
77	"	"	31/32	<u>II</u>		109	"	Singer	17/18	<u>V</u>	
78	"	"	31/32	<u>III</u>		110	"	"	16/17	<u>V</u>	
79	"	Karnel	25/26	<u>II</u>		111	"	"	21/22	<u>II</u>	
80	0/555	Chinon	12/14	<u>V</u>		112	"	"	31/32	<u>II</u>	
81	"	"	21/22	<u>II</u>		113	0/765	"	65/66	<u>IA</u>	
82	"	Kachmar	22/23	<u>II</u>		114	"	"	22/23	<u>II</u>	
83	"	"	21/22	<u>II</u>		115	"	Karnel	26/27	<u>II</u>	
84	"	"	15/16	<u>II</u>		116	"	"	31/32	<u>II</u>	
85	"	Jangem	27/28	<u>II</u>		117	"	"	12/13	<u>II</u>	
86	0/570	"	11/12	<u>II</u>		118	"	"	24/25	<u>II</u>	
87	"	Karnel	12/14	<u>II</u>		119	"	"	12/13	<u>II</u>	
88	0/615	"	11/12	<u>II</u>		120	"	"	13/14	<u>II</u>	
89	"	Papri	24/25	<u>II</u>		121	"	"	61/62	<u>IA</u>	
90	"	Singer	17/18	<u>II</u>		122	"	"	11/12	<u>II</u>	
91	"	"	31/32	<u>II</u>		123	0/780	Papri	27/28	<u>II</u>	
92	"	"	22/24	<u>II</u>		124	"	Karnel	16/17	<u>II</u>	
93	"	"	51/52	<u>II B</u>		125	"	"	12/13	<u>II</u>	
94	0/690	Papri	32/34	<u>III</u>		126	"	Papri	17/18	<u>II</u>	

10/10/2015
 11/10/2015
 12/10/2015
 13/10/2015
 14/10/2015
 15/10/2015
 16/10/2015
 17/10/2015
 18/10/2015
 19/10/2015
 20/10/2015
 21/10/2015
 22/10/2015
 23/10/2015
 24/10/2015
 25/10/2015
 26/10/2015
 27/10/2015
 28/10/2015
 29/10/2015
 30/10/2015
 31/10/2015
 1/11/2015
 2/11/2015
 3/11/2015
 4/11/2015
 5/11/2015
 6/11/2015
 7/11/2015
 8/11/2015
 9/11/2015
 10/11/2015
 11/11/2015
 12/11/2015
 13/11/2015
 14/11/2015
 15/11/2015
 16/11/2015
 17/11/2015
 18/11/2015
 19/11/2015
 20/11/2015
 21/11/2015
 22/11/2015
 23/11/2015
 24/11/2015
 25/11/2015
 26/11/2015
 27/11/2015
 28/11/2015
 29/11/2015
 30/11/2015
 1/12/2015
 2/12/2015
 3/12/2015
 4/12/2015
 5/12/2015
 6/12/2015
 7/12/2015
 8/12/2015
 9/12/2015
 10/12/2015
 11/12/2015
 12/12/2015
 13/12/2015
 14/12/2015
 15/12/2015
 16/12/2015
 17/12/2015
 18/12/2015
 19/12/2015
 20/12/2015
 21/12/2015
 22/12/2015
 23/12/2015
 24/12/2015
 25/12/2015
 26/12/2015
 27/12/2015
 28/12/2015
 29/12/2015
 30/12/2015
 31/12/2015

c-4

SrNo	RDMD	SPP	Dia	Class	Remarks	SrNo	RDMD	SPP	Dia	Class	Remarks
127	0/810	Jungen	12/13	<u>I</u>	green standing	159	0/990	Kambel	14/15	<u>I</u>	green standing
128	"	"	13/14	<u>V</u>		160	"	"	17/18	<u>I</u>	
129	"	"	17/18	<u>V</u>		161	"	Jungen	18/19	<u>I</u>	
130	"	"	18/19	<u>I</u>		162	$\frac{1}{15}$	"	16/17	<u>I</u>	
131	"	"	13/14	<u>I</u>		163	"	"	11/12	<u>I</u>	
132	"	"	18/19	<u>I</u>		164	"	Kambel	18/19	<u>I</u>	
133	0/840	Kambel	18/19	<u>I</u>		165	"	Kambel	32/34	<u>III</u>	
134	"	"	14/15	<u>I</u>		166	"	Papai	14/15	<u>I</u>	
135	"	"	31/32	<u>III</u>		167	"	"	34/35	<u>III</u>	
136	"	"	14/15	<u>I</u>		168	"	"	39/40	<u>III</u>	
137	0/855	Papai	12/14	<u>I</u>		169	$\frac{1}{60}$	Kambel	21/22	<u>I</u>	
138	"	"	17/18	<u>I</u>		170	"	"	14/15	<u>I</u>	
139	"	"	18/19	<u>I</u>		171	"	"	20/21	<u>I</u>	
140	"	"	11/12	<u>I</u>		172	"	"	22/23	<u>I</u>	
141	0/870	"	16/17	<u>I</u>		173	"	Papai	21/22	<u>I</u>	
142	"	"	17/18	<u>I</u>		174	"	Jungen	22/23	<u>I</u>	
143	"	"	11/12	<u>I</u>		175	$\frac{1}{85}$	"	15/16	<u>I</u>	
144	"	"	15/16	<u>I</u>		176	"	"	25/26	<u>I</u>	
145	0/885	Jungen	17/18	<u>I</u>		177	$\frac{1}{300}$	Chiman	27/28	<u>I</u>	
146	"	"	17/18	<u>I</u>		178	"	"	21/22	<u>I</u>	
147	0/900	Kambel	31/32	<u>III</u>		179	"	"	31/32	<u>III</u>	
148	"	"	17/18	<u>I</u>		180	"	Childa	12/13	<u>I</u>	
149	"	Jungen	12/14	<u>I</u>		181	"	Tum	27/28	<u>I</u>	
150	"	Papai	11/12	<u>I</u>		182	$\frac{1}{330}$	Kambel	21/22	<u>I</u>	
151	"	"	22/23	<u>I</u>		183	"	Jungen	27/28	<u>I</u>	
152	"	Jungen	32/34	<u>III</u>		184	$\frac{1}{375}$	"	26/29	<u>I</u>	
153	0/915	"	34/35	<u>III</u>		185	"	Jungen	51/52	<u>II B</u>	
154	"	"	20/21	<u>I</u>		186	$\frac{1}{770}$	Jungen	41/42	<u>II A</u>	
155	0/930	Singer	43/44	<u>II A</u>		187	"	"	33/34	<u>III</u>	
156	0/960	Jungen	25/26	<u>I</u>		188	"	Kambel	28/29	<u>I</u>	
157	"	"	11/12	<u>I</u>		189	"	Kambel	24/25	<u>I</u>	
158	0/975	Singer	42/43	<u>II A</u>		190	"	Singer	24/25	<u>I</u>	

Shankar Reddy
11/03/2024

SHO	RDMO	SPP	Dia	class	Remarks	SHO	RDMO	SPP	Dia	class	Remarks
191	1/770	Duman	24/25	IIA	green	225	2/270	sal	51/32	III	green
192	1/785	Sisras	55/56	II B	standing	224	"	"	35/36	III	standing
193	"	Duman	31/32	III		225	"	sal	41/42	IIA	
194	1/330	Kamal	21/22	II		226	"	"	34/35	III	
195	1/345	Kamal	28/29	II		227	"	"	41/42	IIA	
196	1/360	Chiman	31/32	III		228	2/285	"	34/35	III	
197	1/375	Kamal	21/22	II		229	2/300	sal	56/57	III	
198	1/405	Chiman	24/26	II		230	"	"	31/32	III	
199	1/450	Chiman	21/22	II		231	2/315	"	28/29	II	
200	"	Shau	11/20	II		232	"	sal	24/26	II	
201	1/465	Sisras	34/35	III		233	"	"	26/27	II	
202	1/480	"	25/26	II		234	"	"	24/26	II	
203	"	"	51/32	III		235	"	"	34/35	III	
204	"	Sisras	53/34	III		236	"	"	24/26	II	
205	1/495	Chiman	27/28	II		237	2/330	sal	21/22	II	
206	"	"	20/21	II		238	2/345	"	27/28	II	
207	1/510	"	34/35	III		239	"	"	26/27	II	
208	"	Sisras	34/35	III		240	"	"	15/16	II	
209	"	Duman	22/24	II		241	"	"	26/27	II	
210	1/525	Kamal	21/22	II		242	2/360	"	51/32	III	
211	"	"	27/28	II		243	"	"	27/28	II	
212	2/545	Jungin	41/42	IIA		244	"	"	34/35	III	
213	"	"	31/32	III		245	"	"	32/34	III	
214	2/555	sal	28/29	II		246	2/375	"	24/26	II	
215	"	sal	31/32	III		247	"	"	51/32	II B	
216	"	sal	21/22	II		248	2/390	"	26/27	II	
217	"	sal	41/42	IIA		249	"	"	24/25	II	
218	2/595	"	32/33	III		250	"	"	51/32	II B	
219	"	"	24/25	II		251	2/390	"	39/40	III	
220	2/635	"	38/39	III							
221	"	"	41/42	II B							
222	"	"	26/27	II							

(slowly fed
11/9/2011)

General Abstract of enumeration tree falls in alignment of road RD Mo-diso to $\frac{2}{390}$ from Chillon
to chowki minguel Road
IInd option

S/No	SPP	I		II		III		IIA		IIB		IIA		IIB		IIC		IID		Total	
		Mo	Val	Mo	Val	Mo	Val	Mo	Val	Mo	Val	Mo	Val	Mo	Val	Mo	Val	Mo	Val	Mo	Val
①	Koket	84	5.376 ³	67	12.37 ³	15.466	5	4.425	6	9.090	2	1.588	-	-	-	-	-	-	-	202	51.273 ³
②	sal	3	0.339 ³	18	12.46	15	11.580	3	5.076	5	14.80	3	13.167	2	12.148	-	-	-	-	49	63.176 ³
	Total	87	5.715 ³	85	18.54	52	27.076	8	9.501	11	23.710	5	17.755	2	12.148	-	-	-	-	251	114.449 ³


Range Forest Officer
Kafu, New Karuta


Block Forest Officer
Forest Block Satay

Slaukan Road
1st Satay Road

प्रमाण पत्र

उपरोक्त किया जा रहा है कि मौजा-चौकी मुगवाल तहसील
 जिला बिलासपुर भारत चित्तौड़-चौकी मुगवाल
 रोड जो सर्वे में चिह्नित किया गया है राबल-रिहार्ड
 में सर्वे के मुताबिक RD 3/200 से RD 8/00 की लंबाई
 मौजा-चौकी मुगवाल के अन्तर्गत है जिसमें RD 3/200 से
 RD 4/655 तक शामिल भूमि खसरा नं. 712/654 के अन्तर्गत
 है तथा RD. 4/655 से 5/155-मलकीयत भूमि है। R.D.No
 5/155 से 5/670 तक शामिल भूमि खसरा नं. 518, 520
 है तथा R.D.No 5/670 से 8/00 तक मलकीयत भूमि
 है। RD. 0/00 से RD 3/200 तक बिलासपुर रकबा के
 अन्तर्गत है जिसका कागजात माल P/L बंदावा में
 कोई भी खसरा नंबर अथवा रिकार्ड में दर्ज नहीं है जो
 कि 3200m x 6m के अनुसार लगभग 1.92 Hect. अर्थात्
 इस क्षेत्र का प्रमाण पत्र मुताबिक कागजात माल में बताए
 गए सर्वे इलाका के अनुसार लेवा में पेश है।

Attested


 Assistant Engineer
 Sataun Sub-Division
 H.P.P.W.D. (B & R) Sataun


 Assistant Engineer
 Sataun Sub-Division
 H.P.P.W.D. (B & R) Sataun

गोस्वरा

प्रमाणित किया जाता है कि ग्राम पंचायत बडवास के भू-राजस्व गांव घोकीमृग पो.ओ. कोटी मरवा के उप ग्राम का गोस्वरा निम्न प्रकार से है

क्र. सं.	गांव का नाम	सामान्य जाती		कुल	अनुसूचित जाती		कुल	कुल सामान्य + अनुसूचित जाती
		M	F		M	F		
1	घोकी मृगवाल	137	134	271	22	19	41	312
2	टिक्कर	17	15	32	21	22	43	75
3	कुनेर	00	00	00	36	38	74	74
4	कक्वाडी उखलटू	00	00	00	25	24	49	49
5	बाग	26	22	48	00	00	00	48
6	तिलघोकी	00	00	00	28	23	53	53
7	तिलवाडी	24	27	99	00	00	00	99
							Total	710

उक्त गोस्वरा आगामी कार्यवाही हेतु प्रेषित

Attested

[Signature]
Assistant Engineer
Sataun Sub-Division
(H.P.W.D. (B & R) Sataun)

[Signature]
पंचायत सचिव 24/8/19
ग्राम पंचायत बडवास
वि. खण्ड पोवरा साहिब (वि. प्र.)

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 Hactares OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOKIMRGWAL ROAD KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKA JI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

CERTIFICATE

It is certified that there is no private land & non forest land available for dumping sites on Chillon to Choki Margwal road as total road length is passing through forest land.



Sh. P. S. Singh
S. P. S. Singh
H.P. P.W.D. SIRMOUR



Executive Engr
Shilpi B & R. I
H.P. P.W.D. SIRMOUR

FULL TITLE OF THE PROJECT: DIVERSION OF 1.92 HACTARES OF FOREST LAND IN FAVOUR OF HPPWD FOR THE C/O CHILLON TO CHOKIMRGWAL ROAD KM 0/00 TO 8/00 WITHIN THE JURISDICTION OF RENUKA JI FOREST DIVISION IN DISTRICT SIRMOUR, HP.

File No. : _____

Date of Proposal: _____

LENGTH WIDTH DETAIL OF FOREST LAND INVOLVED FOR CONSTRUCTION OF ROAD

Sr. No	RD	LENGTH (MTR.)	WIDTH(MTR.)	AVG.WIDTH(MTR.)	QUANTITY
1	0/00				
3	0/100	100	5.5	5.5	550
5	0/200	100	5.5	5.5	550
7	0/300	100	5.5	5.5	550
9	0/400	100	5.5	5.5	550
11	0/500	100	5.5	5.5	550
13	0/600	100	5.5	5.5	550
15	0/700	100	5.5	5.5	550
17	0/800	100	5.5	5.5	550
19	0/900	100	5.5	5.5	550
21	1/00	100	5.5	5.5	550
23	1/100	100	5.5	5.5	550
25	1/200	100	5.5	5.5	550
27	1/300	100	5.5	5.5	550
29	1/400	100	5.5	5.5	550
31	1/500	100	5.5	5.5	550
33	1/600	100	5.5	5.5	550
35	1/700	100	5.5	5.5	550
37	1/800	100	5.5	5.5	550
39	1/900	100	5.5	5.5	550
41	2/00	100	5.5	5.5	550
43	2/100	100	5.5	5.5	550
45	2/200	100	5.5	5.5	550
47	2/300	100	5.5	5.5	550
49	2/400	100	5.5	5.5	550
51	2/500	100	5.5	5.5	550
53	2/600	100	5.5	5.5	550
55	2/700	100	5.5	5.5	550
57	2/800	100	5.5	5.5	550
59	2/900	100	5.5	5.5	550
61	3/00	100	5.5	5.5	550
63	3/100	100	5.5	5.5	550
65	3/200	100	5.5	5.5	550
				TOTAL	17600
					SQM


Junior Engg.


ASSISTANT ENGINEER
SATAUN SUB DIVISION
HPPWD SATAUN

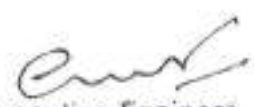

Executive Engineer
Shillai (B & R) Division
H.P.P.W.D. Shillai

LENGTH WIDTH DETAIL OF NON FOREST LAND INVOLVED FOR CONSTRUCTION OF ROAD

Sr. No	RD	LENGTH (MTR.)	WIDTH(MTR.)	AVG.WIDTH(MTR.)	QUANTITY
1	3/200				
2	3/300	100	5.5	5.5	550
3	3/400	100	5.5	5.5	550
4	3/500	100	5.5	5.5	550
5	3/600	100	5.5	5.5	550
6	3/700	100	5.5	5.5	550
7	3/800	100	5.5	5.5	550
8	3/900	100	5.5	5.5	550
9	4/00	100	5.5	5.5	550
10	4/100	100	5.5	5.5	550
11	4/200	100	5.5	5.5	550
12	4/300	100	5.5	5.5	550
13	4/400	100	5.5	5.5	550
14	4/500	100	5.5	5.5	550
15	4/600	100	5.5	5.5	550
16	4/700	100	5.5	5.5	550
17	4/800	100	5.5	5.5	550
18	4/900	100	5.5	5.5	550
19	5/00	100	5.5	5.5	550
20	5/100	100	5.5	5.5	550
21	5/200	100	5.5	5.5	550
22	5/300	100	5.5	5.5	550
23	5/400	100	5.5	5.5	550
24	5/500	100	5.5	5.5	550
25	5/600	100	5.5	5.5	550
26	5/700	100	5.5	5.5	550
27	5/800	100	5.5	5.5	550
28	5/900	100	5.5	5.5	550
29	6/00	100	5.5	5.5	550
30	6/100	100	5.5	5.5	550
31	6/200	100	5.5	5.5	550
32	6/300	100	5.5	5.5	550
33	6/400	100	5.5	5.5	550
34	6/500	100	5.5	5.5	550
35	6/600	100	5.5	5.5	550
36	6/700	100	5.5	5.5	550
37	6/800	100	5.5	5.5	550
38	6/900	100	5.5	5.5	550
39	7/00	100	5.5	5.5	550
40	7/100	100	5.5	5.5	550
41	7/200	100	5.5	5.5	550
42	7/300	100	5.5	5.5	550
43	7/400	100	5.5	5.5	550
44	7/500	100	5.5	5.5	550
45	7/600	100	5.5	5.5	550
46	7/700	100	5.5	5.5	550
47	7/800	100	5.5	5.5	550
48	7/900	100	5.5	5.5	550
49	8/00	100	5.5	5.5	550
					26400
					SQM


J.E


ASSISTANT ENGINEER
SATAUN SUB DIVISION
HPPWD S.A. AUN

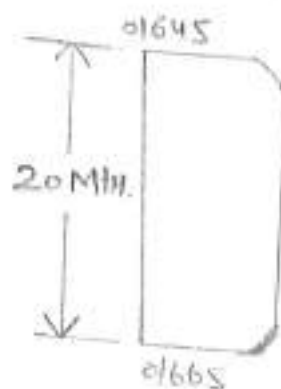

Executive Engineer
Shillai (B & R) Division
H.P.P.W.D. Shillai

Division of 1.72 HA of Forest land in favour of HPPWD for the
 do chiller to chokimigwal km do to 210 within the jurisdiction
 of Renukaji Forest Division in District - Simla, Himachal Pradesh.

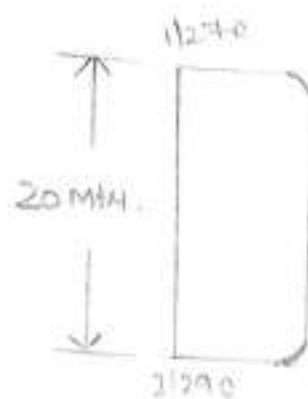
RECLAMATION PLAN

Dumping Site No. 1

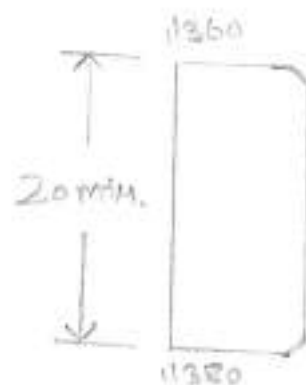
Rd 01645 to 01665



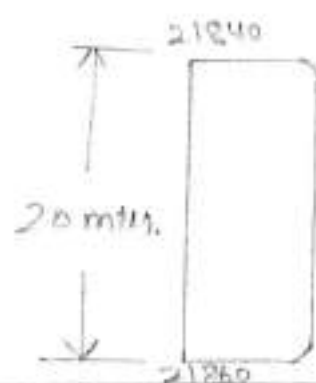
Dumping Site No. 2



Dumping Site No. 3



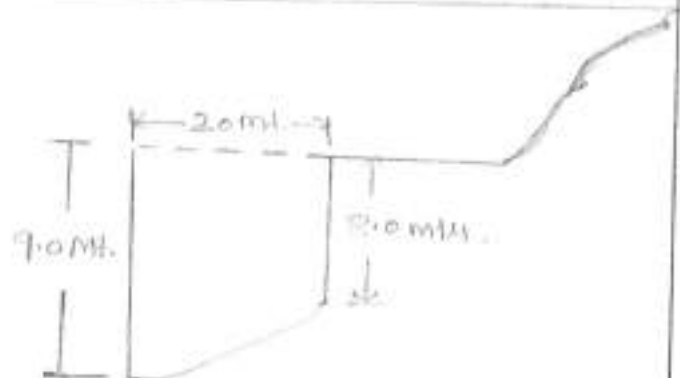
Dumping Site No. 4



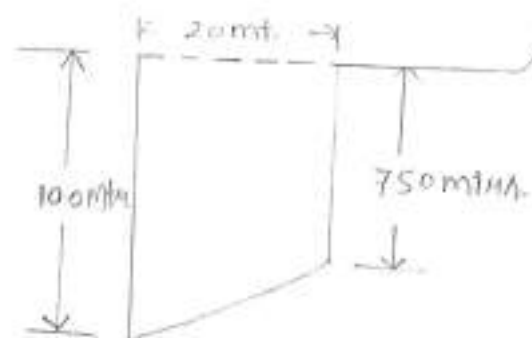
[Signature]
 Executive Engineer
 Sillai (B & R) Division
 H.P.P.W.D. Sillai

[Signature]
 ASSISTANT ENGINEER
 SATALUN SUB DIVISION
 H.P.P.W.D. SATALUN

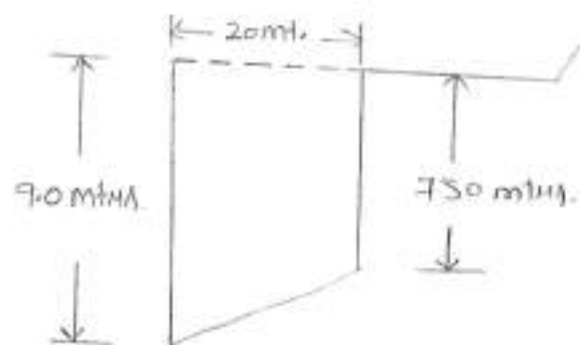
[Signature]
 J.E



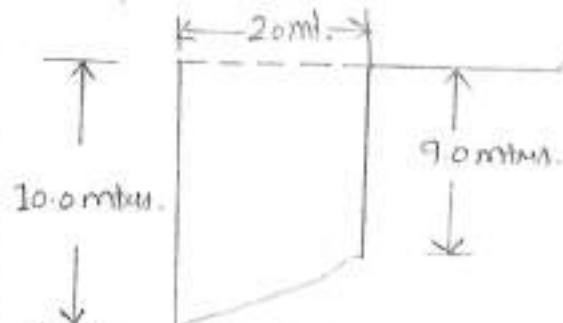
$$X\text{-Section Area} \Rightarrow 20 \times \frac{9+8}{2} = 170 \text{ m}^2$$



$$X\text{-Section Area} \Rightarrow 20 \times \frac{10+7.5}{2} = 175 \text{ m}^2$$



$$X\text{-Section Area} \Rightarrow 20 \times \frac{9+7.5}{2} = 165 \text{ m}^2$$



$$X\text{-Section Area} \Rightarrow 20 \times \frac{10+9}{2} = 190 \text{ m}^2$$