

कार्यालय
प्रधान मुख्य वन संरक्षक, हरियाणा,
वन विभाग, हरियाणा सरकार,

सी-18, वन भवन, सेक्टर 6, पंचकुला, दूरभाष/फैक्स +91 172 2563988, 2563861, E-mail: cffcpanchkula@gmail.com

सेवा में, NO:-D-III 8696/4501

04.24-11-2021

क्षेत्रीय अधिकारी,
भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
एकीकृत क्षेत्रीय कार्यालय,
चण्डीगढ़।

विषय: Diversion of 4.778 ha. in Mewat-Nuh Division and 2.778 ha. in Palwal Division of Forest land in favour of Executive Engineer, P.H. Ebgg. Division No., Nuh for laying of DI 900 mm drinking water pipe line from Punhana to Mustafabad under forest division and District Mewat-Nuh and Palwal, Haryana.
(Online Proposal No. FP/HR/water/36822/2018)

संदर्भ: आपके कार्यालय का पत्र क्रमांक 9-HRO58/2019-CHA/ दिनांक 16.07.2019

उपरोक्त संदर्भांकित पत्र द्वारा लगाई गई त्रुटियां दूर करके सूचना बिन्दुवाईज आपकी सेवा में आगामी कार्यवाही हेतु प्रेषित है जिनका विवरण निम्न प्रकार से है:-

1. CA Scheme, DGPS map, SOI toposheet of CA Site under Nuh Forest Division अपलोड कर दी गई है (प्रति संलग्न)।
2. 619 No. of trees to be felled under Nuh Division as a shown in enumeration list
3. ऑनलाइन पार्ट-II के कॉलम नं0 4 (II) में काटे जाने वाले 619 वृक्षों का विवरण अंकित कर दिया गया है (प्रति संलग्न)।
4. Site suitability certificate of village Kharak Sohna Sec. 4&5 and Pinagwan Sec.4&5 आगामी कार्यवाही हेतु भेजा जाता है (प्रति संलग्न)।
5. SOI toposheet of CA Site under Nuh Forest Division अपलोड कर दी गई है (प्रति संलग्न)।
6. सी0ए0 साईट के तहत करवाये जाने वाले पौधारोपण के लिए Village Kharak Sohna Sec. 4 & 5 and Pinagwan Sec. 4 & 5 को सैलेक्ट की गई है जिनके KML File तथा DGPS map ऑनलाइन पोर्टल पर अपलोड कर दिये गये हैं (प्रति संलग्न)।

संलग्न/उपरोक्त

प्रधान मुख्य वन संरक्षक (एफ0सी0ए0)
हरियाणा, पंचकुला।

Full Title of the Project - : Diversion of 4.778 ha of forest land Mewat Division 1.99 ha. & Palwal Division 2.788 ha regarded Laying DI Pipe line 900 MID Drinking Water Pipe line from Punhana to Mustfabad via siha Agra Canal- Ghasera for 80 No. Village and Firozpur Zirka Town in Nuh District. Online proposal No. FP/HR/Others/36822/2018

File No. : FP/HR/Water/36822/2018
Date of Proposal: 14.11.2018

CHECK LIST SERIAL NUMBER:-18
(Revised) "CA SCHEME"

Name of the Forest/Reach to be : Diversion of 4.778 ha of forest land Mewat Division 1.99 ha. & Palwal Division 2.788 ha regarded Laying DI Pipe line 900 MID Drinking Water Pipe line from Punhana to Mustfabad via siha Agra Canal- Ghasera for 80 No. Village and Firozpur Zirka Town in Nuh District.

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division: -Nuh District -Nuh

Tehsil Tauru, Punhana Range Nuh, Punhana.

C.A. Site name : Kharak Sohna Sec 4&5 (4 ha.)

GPS Reading :-

- (1) N 28.29218 E 77.012399
- N 28.290952 E 77.009028
- N 28.290924 E 77.012065
- N 28.28982 E 77.009397
- N 28.289668 E 77.012702
- N 28.288231 E 77.010387
- N 28.288328 E 77.013334
- N 28.287555 E 77.014342
- N 28.285932 E 77.011721

- (2) Pinagwan Sec. 4&5 (4.08ha.)
- N 27° 53' 53.629 E 77° 5' 7.723
- N 27° 53' 51.111 E 77° 5' 13.964
- N 27° 53' 43.501 E 77° 5' 5.672
- N 27° 53' 40.475 E 77° 5' 9.058

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): Yes
 - b) If the CA site is other than the land bank, reasons be given:- N.A.
- In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
- i) Soil type: Sandy to Sandy Loam.
 - ii) Topography a. Hilly/Undulating/Plain: Undulating
b. Slope:-Steep/Medium/Gentle: Gentle to steep
 - iii) Whether the area is bearing any root stock of vegetation:- At some hilly places.

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under ;

1. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The Plantation is calculated for Plantation as per Tall Plants. At 5m X 4m spacing and 250 plants per Hec. at the wages rate approved 2018-19 at Rs326.82/- as per wage plants as under:-

Sr. No.	Year	Rate per plant
1	1 st Year Plantation	359.10/- Per Plant
2	2 nd Year Maintenance	115.35/- Per Plant
3	3 rd Year Maintenance	41.89/- Per Plant
4	4 th Year Maintenance	15.58/- Per Plant
5	5th Year Maintenance	15.58/- Per Plant
6	6th Year Maintenance	15.58/- Per Plant
7	7th Year Maintenance	15.58/- Per Plant
8	8th Year Maintenance	15.58/- Per Plant
9	9th Year Maintenance	15.58/- Per Plant
10	10th Year Maintenance	15.58/- Per Plant
	Total Cost.	625.40/-

Area to be Diverted = 1.99 ha.

No. of trees to be felled= 619

Plants to be damaged= 2050

Plants to be planted= 3980 No.

Area to be planted = Two time of the area to be diverted= 1.99x2=3.98 ha.

Plants to be Planted = 3980 (@ 1000 plant per ha.)


Additional C.A in lieu of plants to be damaged (Double) the plants to be damaged) 4100

S. No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges	No. of plants		
1	1st Year Plantation	3980	359.10/- Per Plant	1429218
2	2nd Year Plantation	3980	115.35/- Per Plant	459093
3	3rd Year Plantation	3980	41.89/- Per Plant	166722
4	4th Year Plantation	3980	15.58/- Per Plant	62008.40
5	5th Year Plantation	3980	15.58/- Per Plant	62008.40
6	6th Year Plantation	3980	15.58/- Per Plant	62008.40
7	7th Year Plantation	3980	15.58/- Per Plant	62008.40
8	8th Year Plantation	3980	15.58/- Per Plant	62008.40
9	9th Year Plantation	3980	15.58/- Per Plant	62008.40
10	10th Year Plantation	3980	15.58/- Per Plant	62008.40
11	Barbed Wire Fencing Charge	15.92 RKM	Rs. 200000 per km.	3184000
	Total Charges)			5673092
	Supervisory/Overhead/Miscellaneous Charges		10% On the CA Charges	567309
	Total (A) C.A Charges			6240401

Additional Compensatory Afforestation Charges				
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	4100	359.10/- Per Plant	1472310
2	2nd Year Plantation	4100	115.35/- Per Plant	472935
3	3rd Year Plantation	4100	41.89/- Per Plant	171749
4	4th Year Plantation	4100	15.58/- Per Plant	63878
5	5th Year Plantation	4100	15.58/- Per Plant	63878
6	6th Year Plantation	4100	15.58/- Per Plant	63878
7	7th Year Plantation	4100	15.58/- Per Plant	63878
8	8th Year Plantation	4100	15.58/- Per Plant	63878
9	9th Year Plantation	4100	15.58/- Per Plant	63878
10	10th Year Plantation	4100	15.58/- Per Plant	63878
11	Barbed Wire Fencing Charge=	16.4 RKM	Rs. 200000 per km.	3280000
Total (B) Addl. C.A Charges				5844140
C	Catchment Area Treatment (if required)			
	Soil and Moisture Conservation Charges	30% of the Total C.A		3625362
D	Safety Zone (if required)			0
E	Additional Charges (if required)			0
F	Net Present Value of Forest Land to be diverted	Rs. 887000/- per ha.		1765130
G	Felling Charges = M ³	107.99 M3	Rs.1200/- per m3	129588
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)			528138
GRANT TOTAL				18132759

2. Technical details:-
 Technical details of Compensatory Afforestation Scheme are as follows:-
 a) General Details:- Plantation will be done with 3 strand barbed wire.
 b) Spacement:- 4 x 5 meter
 c) Species:- Ronj (Acacia leucophloea), Khairi (Prosopis cineraria), Pahari Papri (Holoptelea integrifolia), Neem (Azadirachta indica)
 d) Plantation Method :- Tall Plantation
 e) Soil and Moisture Conservation Works:-
 f) Protection (Fencing, Watch man, People's Participation etc.):- Fencing
 g) Proposed Monitoring Mechanism:- (M&E),
 h) Any Other information:- Nil.

Place:
 Dated :


 Divisional Forest Officer
 Mehat-Nuh Forest Div.

Note : CF (T) should countersign this C.A. scheme if area to be afforested is more than 5 hectare.

Full Title of the Project: Diversion of 4.778 ha of forest land Mewat Division 1.99 ha. & Palwal Division 2.788 ha regarded Laying DI Pipe line 900 MID Drinking Water Pipe line from Punhana to Mustfabad via siha Agra Canal- Ghasera for 80 No. Village and Firozpur Zirka Town in Nuh District.
Online proposal No. FP/HR/Others/36822/2018

File No. : FP/HR/Water/36822/2018
Date of Proposal: 14.11.2018

PART - II
(To be filled by the Concerned Deputy Conservator of Forest)
State serial No. of proposal dt.

7.	Location of the project/scheme.	Diversion of 4.778 ha of forest land Mewat Division 1.99 ha. & Palwal Division 2.788 ha regarded Laying DI Pipe line 900 MID Drinking Water Pipe line from Punhana to Mustfabad via siha Agra Canal- Ghasera for 80 No. Village and Firozpur Zirka Town in Nuh District.
i)	State/Union Territory	Haryana
ii)	District	Mewat
iii)	Forest Division	Nuh
iv)	Area of forest land proposed for diversion (in ha.)	1.99 Ha.
v)	Legal status of forest	Protected Forest
vi)	Density of vegetation	0.1 to 0.2
vii)	Species-wise (scientific names and diameter class wise enumeration of trees (to be enclosed. In case of irrigation/hydel project enumeration at FRL, FRL - 2 meter & FRL - 4 meter also to be enclosed.)	619 number Green trees are to be felled and 2050 No. pole size Plants destroyed from the proposed site.
viii)	Brief note on vulnerability of the forest area to erosion.	No erosion
ix)	Approximate distance of proposed site for diversion from boundary of forest.	Attached
x)	Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).	No
xi)	Whether any rare/endangered/unique species of flora and fauna found in the area if so details thereof.	No
xii)	Whether any protected archaeological/ heritage site/defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No
8)	Whether the requirement of forest land as proposed by the user agency in col. 2 or Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	1.99 Ha.
9)	Whether any work in violation of the Act has	No.

	been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	
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10. Details of compensatory afforestation scheme :

i)	Details of non-forest area/degraded forest are identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.	Attached - Check list 26
ii)	Map showing non-forest/degraded forest are identified for compensatory afforestation and adjoining forest boundaries.	Attached- Check list 26
iii)	Detailed compensatory afforestation scheme including species to be planted implementing agency, time schedule, cost structure, etc.	Attached - Check list 27
iv)	Total financial outlay for compensatory afforestation scheme.	Attached - Check list 27
v)	Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	Attached - Check list 29


11)	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Attached - Check list 25
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12. Division/District profile :

i)	Geographical area of the district.	2760 sq. KMtr
ii)	Forest area of the district.	6572.17
iii)	Total forest area diverted since 1980 with number of cases.	130.42 Ha.
iv)	Total compensatory afforestation stipulated in the district/division since 1980 on -	
a)	Forest land including penal compensatory afforestation,	225,915 Ha.
b)	Non-forest land.	25.5571 Ha.
v)	Progress of compensatory afforestation as on (date) 31-3-2005 on -	
a)	Forest land	207.1524 Ha.
b)	Non-forest land	10.548 Ha.

13)	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	Recommended as per rules.
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Date :
Place : Mewat


 Signature
 Name
 Office Seal

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File No. : FP/HR/Water/36822/2018
Date of Proposal: 14.11.2018

CHECK LIST SERIAL NUMBER-15

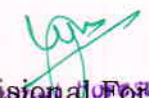
Species wise and girth class wise enumeration list and abstract of trees (*abstract to be given at the end of the list*) standing on the forest area in question neatly typed or computerized and duly signed by the DFO. Wherever possible, English and botanical names of the vegetation should be mentioned

Abstract

Species	V	IV	III	II-A	II-B	I-A	I-B	Total	Vol.	No. of Sapling to be destroyed
Shisham	2	5	2	1	0	0	0	10	3.09	619 number Green trees are to be felled and 2050 No. pole size Plants destroyed from the proposed site.
Kikar	139	25	4	1	0	0	0	169	15.25	
Misc.	59	97	33	11	1	0	0	201	50.34	
Acasia	21	0	0	0	0	0	0	21	1.26	
Totlas										
Papdi,	13	6	14	0	2	0	0	35	19.26	
Alanthus,	150	10	20	1	2	0	0	183	18.79	
Total	384	143	73	14	5	0	0	619	107.99	

Date:

Place: Mewat


Divisional Forest Officer,
Mewat Forest Division,
Nuh **NUH**
Office Seal _____

Full Title of the Project: Diversion of 4.778 ha of forest land Mewat Division 1.99 ha. & Palwal Division 2.788 ha regarded Laying DI Pipe line 900 MID Drinking Water Pipe line from Punhana to Mustfabad via siha Agra Canal- Ghasera for 80 No. Village and Firozpur Zirka Town in Nuh District.
Online proposal No. FP/HR/Others/36822/2018

File No. : FP/HR/Water/36822/2018
Date of Proposal: 14.11.2018

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LOCATION MAP

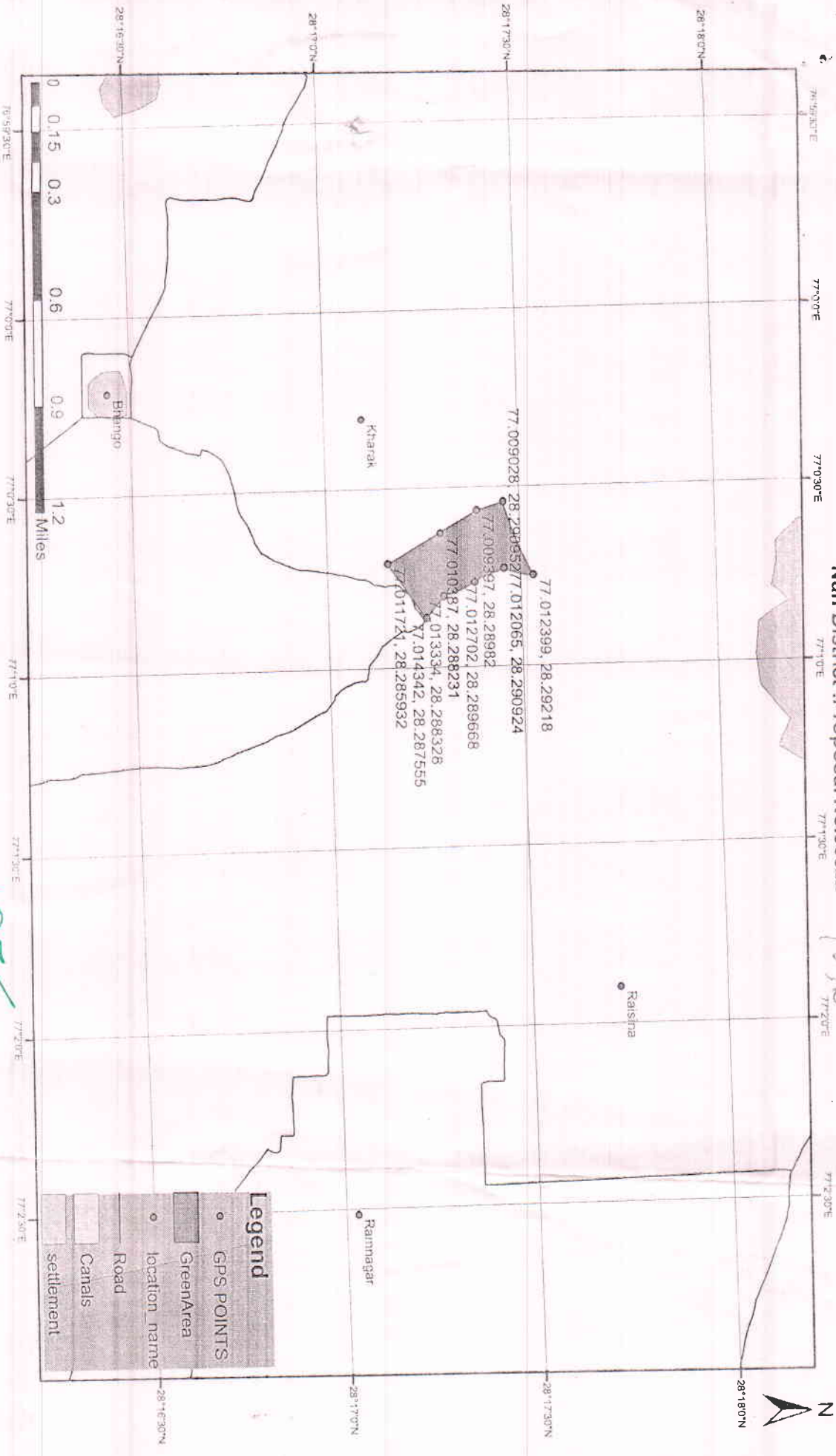
Location Map of Non-Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of proposal for Diversion of 4.778 ha of forest land Mewat Division 1.99 ha. & Palwal Division 2.788 ha regarded Laying DI Pipe line 900 MID Drinking Water Pipe line from Punhana to Mustfabad via siha Agra Canal- Ghasera for 80 No. Village and Firozpur Zirka Town in Nuh District.

Village: **Kharak Sohna Sec 4&5 &** Tehsil: **Tauru** District: **Nuh-Mewat** Forest Division: **Nuh** Forest Range: **Nuh and Pinagwan Sec. 4&5 Tehsil Punhana Distt.**
Nuh-Mewat Forest Range Punhana Block No./Compartment No./Survey No.:
Protected Forests Area:- **1.99 Ha. Twice area 3.98 Ha.**

Date:-
Place:- Mewat


Divisional Forest Officer.
Mewat Forest Distt
NUH

DGPS MAP for CA SITE ON Kharak Sohna_PLPA,Nuh , Mewat For Proposal for diversion of forest land for Laying DI pipe line 900 MJD drinking water pipe line from Punhana to Mustabad via siha Agra Canal-Ghasera for 80 No. village and Firozpur Zirka Town in Nuh District .Proposal No.36822



Legend

○	GPS POINTS
■	GreenArea
○	location name
—	Road
—	Canals
—	settlement



339130001 Forest Office
Mewat Forest Division
NUH

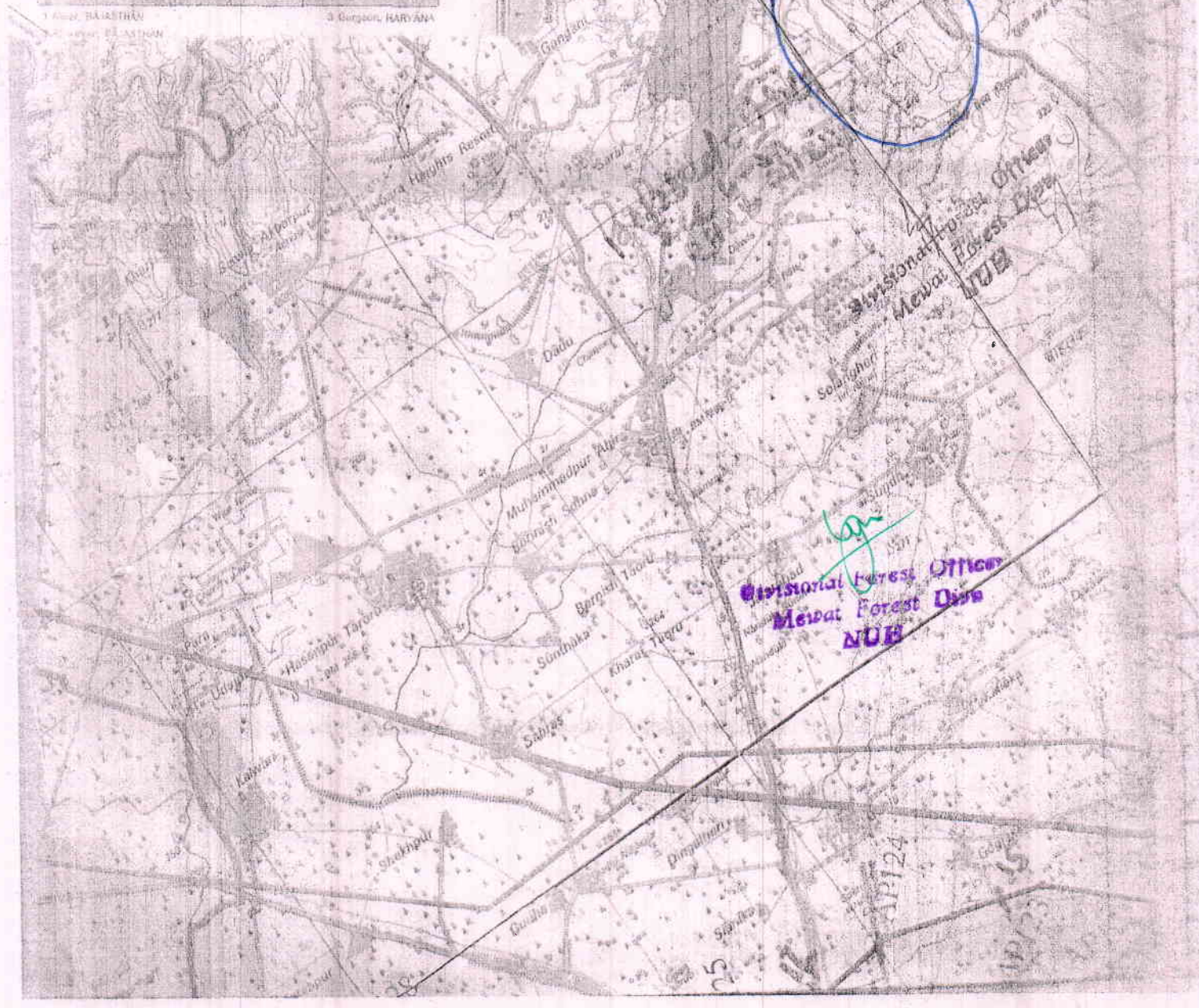


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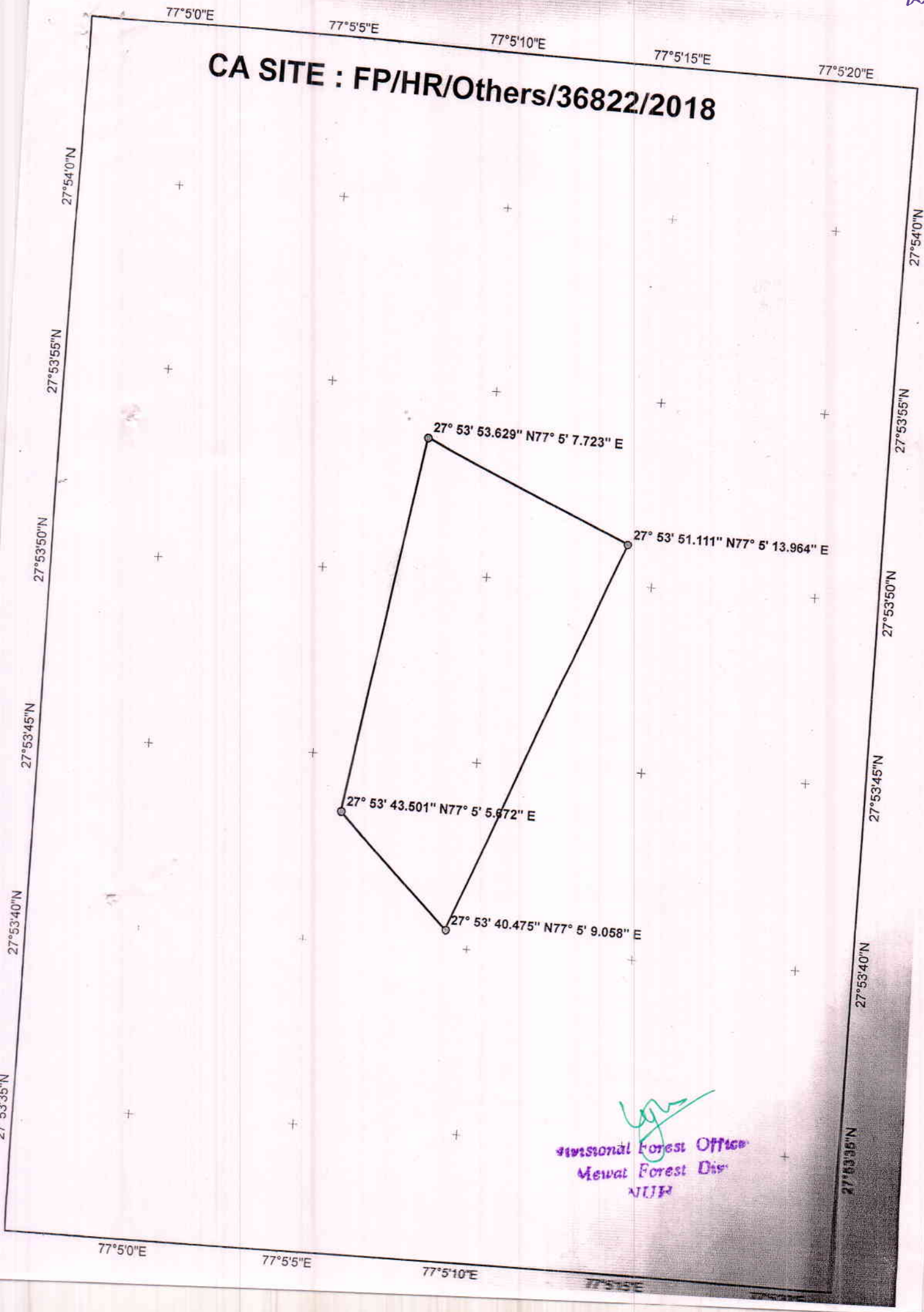
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H43X1	H43X8	H43X12
G43F1	G43F5	G43F9
G43F2	G43F6	G43F10

1. Lucknow, BANARAS
2. Allahabad, ELAHIABAD
3. Goran, HARVANA



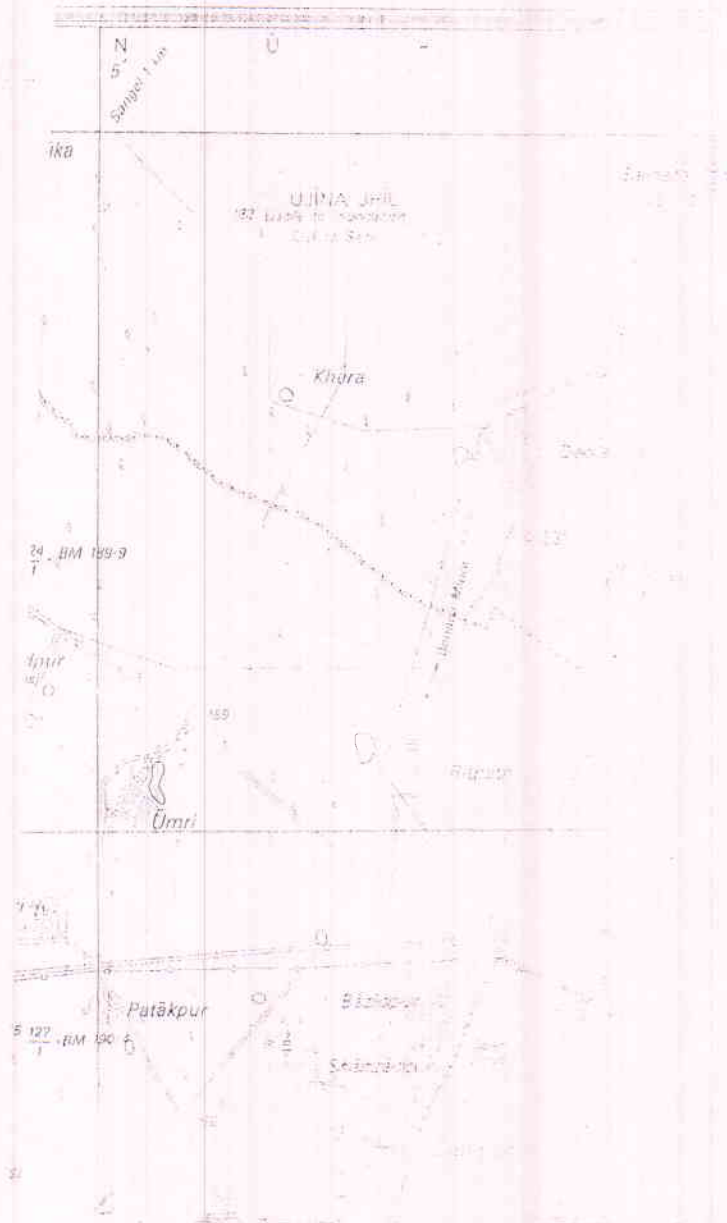
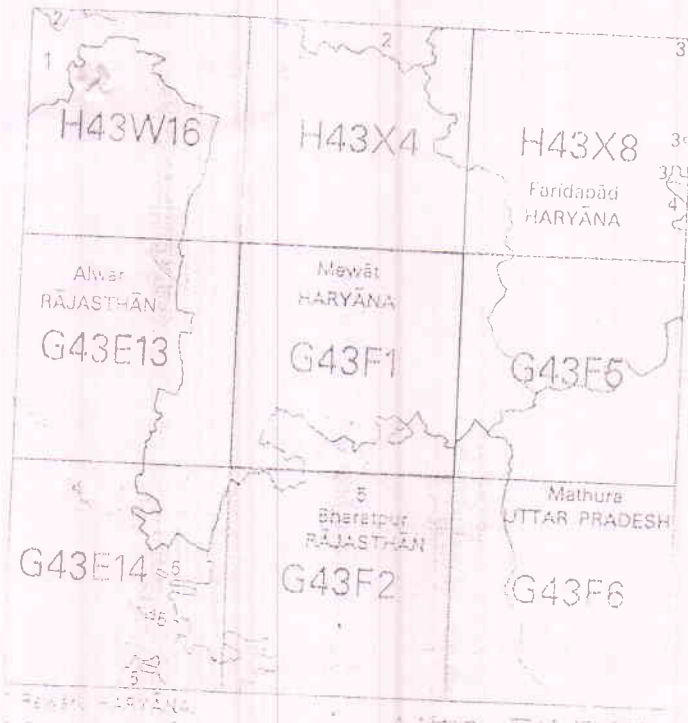
CA SITE : FP/HR/Others/36822/2018



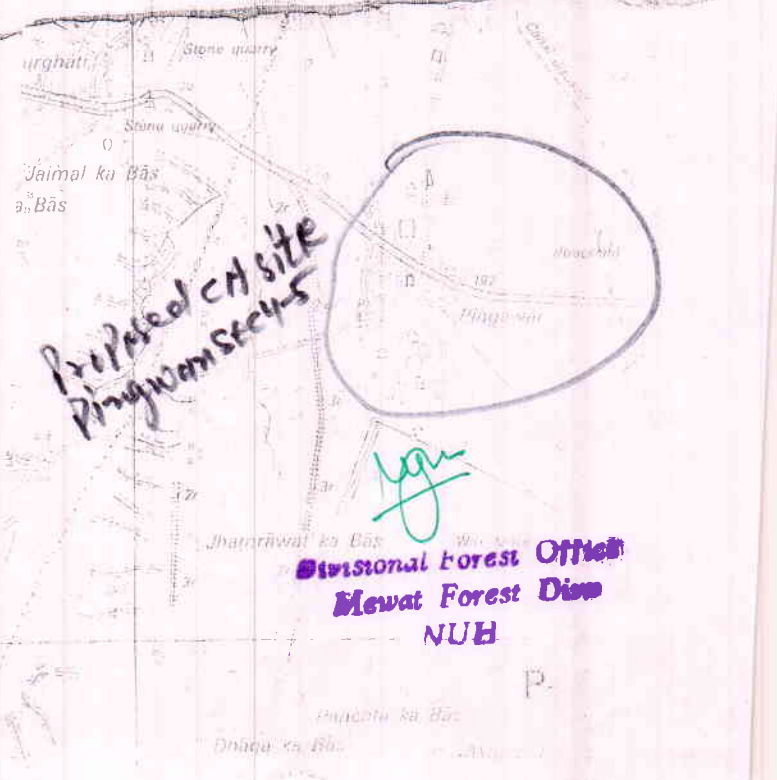
OPEN SERIES MAP

No. G43F1

Scale 1:50,000



Roads, marked according to importance	
Roads, double, according to importance	
Unmetalled road Cart track Pack-track with pack Foot-path	
Streams, with track in bed, undefined Canal	
Dams, masonry or rock filled; earthwork, War	
river, dry with water channel; with island & rocks Tidal river	
Submerged rocks Shoal Swamp Floods	
Wells, open, covered, tube-well Spring Tanks, natural, dug	
embankments, road or rail tank, broken ground	
airways, road gauge; double; single with station, under electricity	
airways, gauge; double; single with distance stone, for	
metal, for or railway Kilo, Cutting with tunnel	
minerals with surface, Rocky slopes, Cliffs	
Industrial sites, (Mills, Jams, etc.) (International, 25% scale)	
...



Divisional Forest Officer
Meerut Forest Div
NUH

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Date of Proposal: 14.11.2018

CHECK LIST SERIAL NUMBER: 20

LAND SUITABILITY CERTIFICATE BY THE DFO

✓ This is to certify that 4 ha land bearing Survey No./ Compartment No. ___ of village **Kharak Sohna Sec 4&5** Tehsil **Tauru** District **Nuh-Mewat** identified for Compensatory Afforestation is suitable for undertaking plantation from the management point of view from is free and all sorts of encumbrances and encroachments.

Date:
Place:- Mewat-Nuh


Divisional Forest Officer,
Mewat Forest Division
Nuh **NUH**
Office Seal.....

Full Title of the Project: Diversion of 4.778 ha of forest land Mewat Division 1.99 ha. & Palwal Division 2.788 ha regarded Laying DI Pipe line 900 MID Drinking Water Pipe line from Punhana to Mustfabad via siha Agra Canal- Ghasera for 80 No. Village and Firozpur Zirka Town in Nuh District.
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File No. : FP/HR/Water/36822/2018
 Date of Proposal: 14.11.2018

CHECK LIST SERIAL NUMBER: 20

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that **4.08 ha** land bearing Survey No./ Compartment No. ____ of village **Pinagwan Sec 4&5** Tehsil **Tauru** District **Nuh-Mewat** identified for Compensatory Afforestation is suitable for undertaking plantation from the management point of view from is free and all sorts of encumbrances and encroachments.

Date:
 Place:- Mewat-Nuh


 Divisional Forest Officer,
 Mewat Forest Division
 Nuh
 Office Seal.....