

BEFORE THE NATIONAL GREEN TRIBUNAL,

PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 632 OF 2022

IN THE MATTER OF:

V. K. TYAGI

.....APPLICANT

VERSUS

STATE OF UTTARAKHAND

.....RESPONDENT(S)

INDEX

S.No.	PARTICULARS	PAGE NO.
1.	FURTHER PROGRESS REPORT ON BEHALF OF RESPONDENT NO. 7 IN COMPLIANCE OF THE ORDER DT. 25.02.2025 PASSED BY THE HON'BLE NATIONAL GREEN TRIBUNAL, NEW DELHI	
	ANNEXURES	
2.	COPIES OF THE REPORT ANNEXED HEREWITH AS ANNEXURE A-1	
3.	COPY OF THE GOVERNMENT ORDER DT. 27.12.2024 ANNEXED HEREWITH AS ANNEXURE A-2.	

4.	COPY OF THE LETTER DT. 17.02.2025 ANNEXED HEREWITH AS ANNEXURE A-3.	
5.	COPY OF THE PHOTOGRAPHS ANNEXED HEREWITH AS ANNEXURE A-4	

DATE: 21.05.2025

PLACE: NOIDA

THROUGH COUNSEL



BHANWAR PAL SINGH JADON

STANDING COUNSEL FOR STATE OF U.P.

EMAIL- bhanwar09jadon@gmail.com

Ph: 9639286572

1603



BEFORE THE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 632 OF 2022

IN THE MATTER OF:

V. K. TYAGI

Rahul Bhatnagar
Advocate

UP Bar Council E. N. 3764/20
Ch.No. 1A, Bhatnagar Building, Meerut
Mob: 9219503050

VERSUS

STATE OF UTTARAKHAND

.....RESPONDENT(S)

FURTHER PROGRESS REPORT ON BEHALF OF RESPONDENT NO.
7 IN COMPLIANCE OF THE ORDER DT. 25.02.2025 PASSED BY THE
HON'BLE NATIONAL GREEN TRIBUNAL, NEW DELHI

I, Gyan Prakash Srivastava, aged about 55 years S/o Naval Kishore Srivastava, presently posted as Chief Engineer (Ganga), Irrigation and Water Resources Department, State of Uttar Pradesh, do hereby solemnly affirm and state on oath as under:


मुख्य अभियन्ता (गंगा)
सिंचाई एवं जल संसाधन विभाग
उ० प्र० मेरठ

That the maps and reports (pages 15-41) based on 100-year return period have been provided by the Hydrology Division, Bahadrabad to the Irrigation Department for the Delineation carried out in the aforementioned Districts.

A Copy of the Report has been annexed herewith as **ANNEXURE A-1**.

III. ISSUANCE OF GOVERNMENT ORDER

5. That in furtherance of the above, the Special Secretary, Government of U.P. issued a Government Order dt. 27.12.2024 stating that the Flood Plain Zone in Districts Saharanpur and Muzaffarnagar has been determined based upon the Coordinates (Latitude & Longitude) provided by the Hydrology Division, Bahadrabad for the purpose of demarcating the floodplain area of Solani River on the basis of the 100-year return period flood.



A Copy of the Government Order dt. 27.12.2024 has been annexed herewith as **ANNEXURE A-2**.

IV. COMPLETION OF THE PHYSICAL DEMARCATION

6. That it is pertinent to submit that the Executive Engineer, Irrigation & Water Resources Department, Irrigation Construction Division, Saharanpur vide letter dt. 17.02.2025 has informed that the work of


 मुख्य अभियन्ता (गंगा)
 सिंचाई एवं जल संसाधन विभाग
 उ० प्र० मेरठ

1. That I, the Deponent in the above captioned matter am fully conversant with the facts of the case and is competent and authorized to swear the present affidavit.

2. That I state that the contents of the affidavit have been drafted by my counsel on my instructions and the contents of the same are true to my knowledge and nothing material has been concealed therefrom.

I. BACKGROUND OF THE MATTER

3. That in the present matter, the issue involved in this Original Application relates to encroachment for cultivation on the land of river Solani, a tributary of river Ganga, which is obstructing its flow, further grievance is about discharge of untreated sewage in river Solani which is creating health hazards and converting the river into a drain.

II. PRIOR SUBMISSIONS

4. That it is pertinent to submit that a progress report dt. 20.12.2024 on behalf of the Deponent has already been filed before this Hon'ble Tribunal. (*Refer @ Pg 1501 of the Judicial Record*). That vide the said progress report it has been submitted before this Hon'ble Tribunal that the delination of the Flood Plain Zone (PFZ) of District Saharanpur and District Muzaffarnagar has been duly completed within the timeline prescribed by this Hon'ble Tribunal.



मुख्य अभियन्ता (गंगा)
सिंचाई एवं जल संसाधन विभाग
उ० प्र० मेरठ

installing demarcation pillars for the Flood Plain Zone of the Solani River in District Saharanpur based on the 100-year return period has been completed on 07.02.2025. That in Muzaffarnagar District, the same work was completed by 20.02.2025, and relevant photographs of the pillars were taken.

A Copy of the letter dt. 17.02.2025 has been annexed herewith as **ANNEXURE A-3.**

Copies of the Photographs have been annexed herewith as **ANNEXURE A-4.**

7. Therefore, it is respectfully submitted that it had been earlier submitted by the Deponent before this Hon'ble Tribunal that the demarcation work for the Flood Plain Zone of Solani River would be completed by **March 2025**. In compliance of the same, the **entire demarcation work has already been completed** in both the **Saharanpur and Muzaffarnagar districts**, well within the stipulated time.
8. This report is being submitted for the kind perusal and record of this Hon'ble Tribunal.

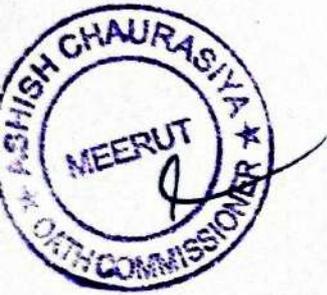


21.5.2025
 मुख्य अभियन्ता (गंगा)
 सिंचाई एवं नहर विभाग
DEPONENT विभाग
 उ० प्र० मेरठ

1607

VERIFICATION

Verified at MEERUT on this 21 day of May, 2025, that the contents of the above affidavit from paragraphs 1 to 8 are believed to be true and correct to the best of my knowledge and belief. No part of it is false and nothing material has been concealed therefrom.



TO BE TYPED

21/05/2025

Rahul Bhatnagar
Advocate
UP Bar Council E. N. 3764/20
Ch No. 16, Zila Bar Building, Meerut
Mob: 9219503050

21.5.2025

मुख्य अभियन्ता (गंगा)
DEPONENT
सिंचाई एवं जल सहायक विभाग
उ० प्र० मेरठ

Serial No. 15 DEPONENT No. 158/566
Verified at Shr. Gyan Prakash Shrivastav
Identified by Shr. Rahul Bhatnagar
Made this affidavit before me on 21/5/25
Oath Commissioner, Meer.

**HFL Point Tables for Upper Solani Stretch
(Saharanpur)**

25 Year HFL Points (Solani Main)

S. No.	Left Bank		
	Easting (X)	Northing (Y)	Elevation (m)
1	772077.73	3345858.87	441.71
2	772196.52	3345697.99	441.33
3	772300.30	3345528.55	441.12
4	772417.11	3345372.36	440.86
5	772465.91	3345178.69	439.73
6	772473.95	3344979.47	439.21
7	772420.55	3344789.54	437.12
8	772355.60	3344603.66	428.58
9	772324.07	3344408.52	424.46
10	772277.14	3344214.14	420.48
11	772225.13	3344021.11	417.00
12	772170.18	3343829.69	414.31
13	772096.91	3343643.59	411.48
14	772025.92	3343456.62	408.15
15	771965.16	3343266.12	406.20
16	771901.21	3343076.67	403.74
17	771845.38	3342885.38	400.65
18	771833.02	3342686.88	397.43
19	771859.33	3342488.77	394.90
20	771919.70	3342298.61	392.23
21	771984.29	3342109.33	387.87
22	772027.28	3341914.17	385.97
23	772070.95	3341718.99	384.07
24	772103.07	3341521.75	382.11
25	772115.34	3341322.14	381.10
26	772117.82	3341122.49	379.76
27	772100.51	3340923.31	376.66
28	772061.88	3340727.08	371.75

S. No.	Left Bank		
	Easting (X)	Northing (Y)	Elevation (m)
29	772078.01	3340528.46	369.34
30	772087.36	3340330.63	365.63
31	772052.96	3340137.46	363.15
32	772038.42	3339941.06	362.62
33	772054.69	3339741.82	358.73
34	772077.19	3339543.17	355.62
35	772109.27	3339346.78	352.69
36	772200.52	3339171.11	347.10
37	772231.09	3338974.82	346.74
38	772218.09	3338776.42	345.00
39	772146.07	3338590.28	344.23
40	772065.13	3338407.45	343.60
41	771996.36	3338219.73	343.03
42	771946.99	3338025.92	340.71
43	771876.14	3337841.20	339.34
44	771787.66	3337662.47	338.82
45	771690.59	3337488.69	337.31
46	771589.09	3337316.63	334.95
47	771504.37	3337137.05	333.35
48	771433.56	3336952.62	329.98
49	771419.95	3336753.15	328.55
50	771397.15	3336554.91	327.90
51	771284.06	3336397.33	326.19
52	771208.21	3336219.36	325.16
53	771118.13	3336042.94	324.30
54	771097.41	3335845.89	322.59
55	771089.46	3335650.35	321.51
56	770997.87	3335475.18	320.26

S. No.	Left Bank		
	Easting (X)	Northing (Y)	Elevation (m)
57	770922.80	3335302.64	319.13
58	770905.85	3335109.13	316.55
59	770805.24	3334938.07	315.15
60	770681.48	3334781.20	314.07
61	770617.02	3334594.74	312.98
62	770577.71	3334407.75	312.80
63	770585.15	3334223.31	310.70
64	770628.66	3334028.89	308.81
65	770616.45	3333835.74	308.75
66	770616.48	3333639.37	307.38
67	770643.82	3333442.07	306.96
68	770691.13	3333248.99	306.94
69	770704.26	3333049.82	305.89
70	770683.94	3332859.92	304.08
71	770778.41	3332685.95	304.07
72*	770895.45	3332524.77	303.69
73	771047.25	3332395.10	303.11
74	771202.03	3332268.60	302.10
75	771364.57	3332152.10	302.08
76	771526.13	3332034.89	302.02
77	771639.97	3331871.55	301.71
78	771735.45	3331695.86	301.59
79	771787.24	3331504.00	301.05
80	771784.60	3331461.50	300.25

Vision of the course is to

Hydrology & Dept: *[Signature]*

Surveyor: *[Signature]*

[Signature]

[Signature]

25 Year HFL Points (Sohani Main)

S. No.	Right Bank		Elevation (m)
	Eastng (X)	Northing (Y)	
1	771793.37	3345749.47	441.71
2	771901.71	3345581.38	441.33
3	771998.06	3345412.95	441.12
4	772019.26	3345229.69	440.86
5	771924.23	3345055.15	439.73
6	771916.27	3344853.24	439.21
7	772007.77	3344677.31	437.12
8	772011.66	3344484.13	428.58
9	771953.59	3344292.81	424.48
10	771891.15	3344102.86	420.48
11	771838.77	3343909.86	417.00
12	771790.17	3343715.87	414.31
13	771728.68	3343525.81	411.48
14	771672.44	3343333.89	411.27
15	771626.47	3343141.19	411.00
16	771583.63	3342945.97	409.37
17	771577.50	3342746.86	408.90
18	771595.15	3342547.82	408.15
19	771661.41	3342362.96	406.20
20	771745.43	3342184.37	403.74
21	771762.53	3341985.14	400.65
22	771815.03	3341792.19	397.43
23	771862.05	3341597.79	394.90
24	771910.81	3341404.58	393.52
25	771882.11	3341206.88	393.12
26	771835.43	3341012.66	392.42
27	771810.66	3340815.47	392.23
28	771794.48	3340616.30	387.87
29	771791.61	3340416.70	385.97
30	771782.38	3340218.17	384.07

S. No.	Right Bank		Elevation (m)
	Eastng (X)	Northing (Y)	
31	771794.27	3340018.55	382.11
32	771825.88	3339821.86	381.10
33	771841.58	3339623.10	379.76
34	771804.60	3339430.72	376.66
35	771803.49	3339234.96	376.14
36	771813.40	3339035.67	375.44
37	771791.56	3338837.63	374.44
38	771752.99	3338641.43	371.75
39	771703.46	3338449.40	369.34
40	771613.95	3338270.63	365.63
41	771580.59	3338076.12	363.15
42	771621.23	3337881.52	362.62
43	771628.77	3337685.23	358.73
44	771662.42	3337592.22	355.62
45	771295.52	3337675.33	352.69
46	771265.51	3337478.44	347.10
47	771259.35	3337280.14	346.74
48	771191.30	3337093.40	345.00
49	771140.77	3336909.40	344.23
50	771044.60	3336735.05	343.60
51	771012.14	3336547.03	343.03
52	770912.12	3336374.23	340.71
53	770783.12	3336223.59	339.34
54	770681.89	3336053.99	338.82
55	770628.88	3335861.60	337.31
56	770522.02	3335695.51	334.95
57	770444.59	3335520.70	333.35
58	770301.68	3335383.87	329.98
59	770193.69	3335220.79	328.55
60	770219.96	3335044.35	327.90

S. No.	Right Bank		Elevation (m)
	Eastng (X)	Northing (Y)	
61	770124.42	3334869.50	326.19
62	770080.80	3334674.79	325.16
63	770052.04	3334477.80	324.30
64	770162.09	3334322.33	322.59
65	770144.64	3334123.17	321.51
66	770122.13	3333926.39	320.26
67	770136.09	3333726.90	319.13
68	770145.66	3333528.01	316.55
69	770177.66	3333330.81	315.15
70	770215.09	3333134.96	314.07
71	770289.87	3332954.32	312.98
72	770283.92	3332756.31	312.80
73	770126.82	3332714.25	310.70
74	769944.19	3332669.18	308.81
75	769869.08	3332491.01	308.75
76	769818.56	3332298.63	307.38
77	769876.79	3332115.00	306.96
78	770064.99	3332049.22	306.94
79	770252.42	3331980.16	305.89
80	770413.52	3332064.74	304.08
81	770490.92	3332242.95	304.07
82	770646.29	3332344.28	303.69
83*	770806.20	3332387.97	303.11
84	770947.16	3332246.45	302.10
85	771109.22	3332129.28	302.08
86	771269.62	3332009.83	302.02
87	771407.86	3331867.21	301.71
88	771500.98	3331690.97	301.59
89	771576.66	3331506.23	301.05
90	771604.26	3331367.39	300.25

Visiontek
 Survey v/stationy!
 Hydrology Expert: *[Signature]*
 Surveyor: Labanyadas

[Signature]
 AE
[Signature]
 EE

100 Year HPL Points (Solani Main)

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	772114.89	3345873.90	442.50
2	772222.06	3345705.37	442.12
3	772315.44	3345529.48	441.91
4	772428.94	3345369.73	441.65
5	772479.87	3345176.45	440.52
6	772484.96	3344976.89	440.00
7	772436.61	3344785.03	435.25
8	772368.86	3344599.64	430.26
9	772371.56	3344400.01	421.24
10	772343.83	3344202.12	417.76
11	772296.32	3344008.12	415.06
12	772219.55	3343823.98	412.23
13	772133.75	3343643.50	408.89
14	772072.63	3343453.07	406.95
15	772013.28	3343262.08	404.48
16	771964.57	3343068.19	401.38
17	771926.12	3342871.98	398.17
18	771916.33	3342672.95	395.64
19	771945.53	3342475.12	392.96
20	771986.14	3342279.30	388.60
21	772047.62	3342088.99	386.69
22	772086.29	3341892.90	384.78
23	772130.84	3341697.93	382.83
24	772172.80	3341502.38	381.81
25	772179.31	3341302.84	380.48
26	772164.52	3341103.40	377.37
27	772144.52	3340904.40	372.45
28	772130.81	3340705.01	370.04
29	772131.62	3340505.18	366.32
30	772136.04	3340305.35	363.84

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
31	772099.20	3340109.20	363.31
32	772107.53	3339913.14	359.42
33	772106.85	3339713.30	356.30
34	772128.94	3339514.57	353.37
35	772171.78	3339320.05	347.77
36	772242.38	3339133.09	347.41
37	772296.22	3338940.57	345.68
38	772291.39	3338744.27	344.90
39	772217.64	3338560.90	344.27
40	772123.80	3338384.51	343.70
41	772041.18	3338202.63	341.38
42	771986.96	3338010.29	340.01
43	771939.47	3337816.38	339.49
44	771838.06	3337644.91	337.97
45	771738.47	3337471.48	335.61
46	771642.57	3337296.07	334.01
47	771553.32	3337117.19	330.63
48	771496.15	3336926.70	329.20
49	771471.95	3336728.30	328.55
50	771443.07	3336530.56	326.84
51	771356.21	3336352.54	325.81
52	771247.00	3336187.00	324.94
53	771189.33	3335995.57	323.23
54	771147.98	3335799.93	322.15
55	771106.07	3335604.67	320.90
56	771024.78	3335423.78	319.77
57	770994.80	3335226.82	317.19
58	770935.57	3335037.52	315.78
59	770824.20	3334872.06	314.71
60	770698.51	3334717.55	313.61

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
61	770633.32	3334528.62	313.44
62	770607.38	3334331.85	311.33
63	770632.99	3334134.04	309.44
64	770677.10	3333939.50	309.37
65	770661.92	3333740.59	308.01
66	770681.08	3333541.73	307.59
67	770709.82	3333343.84	307.57
68	770731.22	3333145.05	306.52
69	770687.75	3332950.91	304.71
70	770748.27	3332769.17	304.69
71	770858.85	3332602.52	304.31
72	770998.10	3332461.24	303.73
73	771156.21	3332338.77	302.72
74	771313.87	3332217.31	302.70
75	771474.38	3332100.26	302.64
76	771606.09	3331954.51	302.33
77	771706.96	3331782.10	302.20
78	771793.54	3331602.04	301.67
79	771822.18	3331472.36	300.87

vision the consultancy
Hydrology expert ;
surveys ;
Sikanya Das

[Signature]
IAT
[Signature]
EE

100 Year HFL Points (Solani Main)

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	771767.13	3345723.06	442.50
2	771877.67	3345556.50	442.12
3	771973.68	3345381.42	441.91
4	771960.71	3345191.69	441.65
5	771864.88	3345016.39	440.52
6	771907.21	3344824.88	440.00
7	771967.16	3344636.01	435.25
8	771932.61	3344440.05	430.26
9	771876.39	3344248.39	421.24
10	771788.38	3344069.98	417.76
11	771722.92	3343882.47	415.06
12	771661.78	3343695.12	412.23
13	771608.99	3343504.34	412.02
14	771523.90	3343323.39	411.75
15	771475.26	3343130.53	410.12
16	771420.32	3342938.76	409.65
17	771416.13	3342739.17	408.89
18	771463.64	3342544.89	406.95
19	771521.17	3342353.67	404.48
20	771612.12	3342175.87	401.38
21	771675.53	3341986.95	398.17
22	771723.74	3341792.89	395.64
23	771749.05	3341595.06	394.25
24	771745.96	3341395.70	393.85
25	771688.48	3341204.17	393.15
26	771687.84	3341004.79	392.96
27	771694.27	3340804.92	388.60
28	771689.32	3340605.07	386.69
29	771681.90	3340405.21	384.78
30	771677.73	3340205.26	382.83

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
31	771701.70	3340007.30	381.81
32	771742.48	3339811.57	380.48
33	771756.02	3339612.33	377.37
34	771744.35	3339414.04	376.85
35	771755.81	3339215.09	376.15
36	771784.63	3339017.57	375.15
37	771760.98	3338820.66	372.45
38	771722.13	3338624.47	370.04
39	771665.57	3338433.15	366.32
40	771588.54	3338249.07	363.84
41	771562.69	3338052.21	363.31
42	771599.94	3337856.46	359.42
43	771608.48	3337667.64	356.30
44	771431.66	3337674.66	353.37
45	771283.67	3337653.61	347.77
46	771252.22	3337456.30	347.41
47	771220.70	3337261.45	345.68
48	771128.08	3337084.56	344.90
49	771044.57	3336902.83	344.27
50	770962.43	3336720.48	343.70
51	770884.32	3336536.38	341.38
52	770798.91	3336356.29	340.01
53	770685.63	3336192.42	339.49
54	770628.80	3336006.64	337.97
55	770563.24	3335819.05	335.61
56	770473.50	3335642.08	334.01
57	770373.82	3335473.34	330.63
58	770225.60	3335339.33	329.20
59	770183.91	3335155.40	328.55
60	770155.25	3334967.96	326.84

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
61	770080.72	3334783.78	325.81
62	770049.78	3334586.19	324.94
63	770064.82	3334397.65	323.23
64	770102.88	3334213.20	322.15
65	770065.80	3334017.73	320.90
66	770031.24	3333822.49	319.77
67	770024.01	3333622.75	317.19
68	770017.85	3333422.84	315.78
69	770005.95	3333223.25	314.71
70	769981.57	3333024.89	313.61
71	769935.36	3332831.55	313.44
72	769848.45	3332651.97	311.33
73	769767.48	3332470.40	309.44
74	769737.53	3332272.72	309.37
75	769812.46	3332105.88	308.01
76	770001.05	3332040.82	307.59
77	770189.14	3331973.86	307.57
78	770367.26	3331978.62	306.52
79	770497.15	3332127.89	304.71
80	770564.38	3332299.14	304.69
81	770731.70	3332385.82	304.31
82	770880.33	3332265.11	303.73
83	771038.40	3332141.92	302.72
84	771194.96	3332018.62	302.70
85	771348.51	3331892.86	302.64
86	771469.15	3331735.61	302.33
87	771546.61	3331551.40	302.20
88	771585.20	3331356.78	301.67
89	771585.34	3331354.87	300.87

Visionvale consultancy
Hydrology Report. final
SUNNY OT - Labany/DAS

[Signature]
DAE
[Signature]
EE

HFL Point Tables for Tributary 1: Laalo River (Saharapur)

25 Year HFL Points (Tributary I: Laalo River)

S. No.	Left Bank		Elevation (m)
	Eastings (X)	Northing (Y)	
1	775548.37	3341708.73	404.61
2	775349.64	3341716.29	403.17
3	775171.37	3341642.20	402.80
4	774983.35	3341580.56	402.45
5	774793.71	3341517.05	396.36
6	774614.09	3341430.88	394.20
7	774455.51	3341309.97	388.15
8	774281.10	3341222.17	385.31
9	774086.72	3341176.19	382.13
10	773909.11	3341115.28	381.90
11	773807.78	3340945.76	381.75
12	773632.47	3340856.83	377.03
13	773448.62	3340785.51	372.38
14	773319.59	3340634.80	370.44
15	773138.29	3340555.11	367.88
16	772988.43	3340424.71	367.45
17	772832.82	3340299.15	359.04
18*	772771.20	3340238.59	358.84

Visiontek Consultants
 Hydrology Expert: *[Signature]*
 Surveyor: Labanya Das

[Signature]
 A/E

[Signature]
 E/G

25 Year HFL Points (Tributary 1: Laalo River)

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	775425.40	3342263.67	404.61
2	775245.91	3342177.89	403.17
3	775073.47	3342081.32	402.80
4	774905.49	3341980.90	396.36
5	774771.36	3341839.69	394.20
6	774610.43	3341720.95	388.15
7	774450.66	3341601.54	385.31
8	774267.88	3341521.44	382.13
9	774108.52	3341407.11	381.90
10	773941.29	3341298.03	381.75
11	773785.27	3341177.78	377.03
12	773638.84	3341045.55	372.38
13	773456.20	3340966.74	370.44
14	773308.91	3340834.51	367.88
15	773161.03	3340705.01	367.45
16	772966.34	3340670.32	359.04
17*	772843.02	3340635.18	358.84

Visiontek Consultancy
 Hydrology expert
 Surveyor:- Labanya Das


 AG


 EE

100 Year HFL Points (Tributary 1: Laalo River)

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	775546.90	3341680.49	405.59
2	775347.94	3341688.83	404.15
3	775161.77	3341620.84	403.78
4	774972.91	3341555.83	403.43
5	774783.51	3341491.61	397.33
6	774607.82	3341398.35	395.16
7	774447.67	3341279.09	389.10
8	774273.12	3341190.32	386.25
9	774098.05	3341105.61	383.06
10	773943.83	3340981.27	382.83
11	773768.83	3340885.44	382.68
12	773581.45	3340818.94	377.94
13	773416.91	3340714.84	373.28
14	773269.91	3340584.71	371.34
15	773102.36	3340477.20	368.78
16	772947.20	3340351.10	368.35
17	772793.20	3340223.64	359.92
18*	772782.32	3340215.85	359.71

Nisintele Corbatory
 Hydrology Expert: *[Signature]*
 Sumanoy O. - Leabanya Dos

[Signature]
AE

[Signature]
EE

100 Year HFL Points (Tributary 1: Laalo River)

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	775395.21	3342293.82	405.59
2	775217.38	3342202.43	404.15
3	775041.50	3342108.02	403.78
4	774878.89	3342001.46	397.33
5	774745.09	3341858.00	395.16
6	774585.23	3341737.99	389.10
7	774428.82	3341614.30	386.25
8	774246.07	3341533.72	383.06
9	774082.85	3341421.55	382.83
10	773913.27	3341315.57	382.68
11	773762.84	3341186.31	377.94
12	773608.70	3341066.48	373.28
13	773428.24	3340980.74	371.34
14	773289.64	3340838.23	368.78
15	773125.90	3340728.82	368.35
16	772930.00	3340688.99	359.92
17*	772891.22	3340686.40	359.71

Note: * Marked points are subjected to representation of confluence with Tributary 2 river only, this shall not be taken as additional pillar location

Vision401c consultancy
 Hydrology expert: *[Signature]*
 Surveyor: - Babanya Das

[Signature]
 IAC

[Signature]
 IEC

HFLL Point Tables for Tributary 2 (Saharapur)

25 Year HFL Points (Tributary 2)

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	773786.85	3342807.24	384.17
2	773778.24	3342608.19	383.08
3	773865.50	3342438.63	382.54
4	773762.42	3342309.37	381.51
5	773565.25	3342327.91	378.54
6	773388.19	3342358.61	377.36
7	773410.90	3342168.31	375.96
8	773410.91	3341975.04	374.42
9	773455.20	3341818.93	373.91
10	773291.44	3341720.27	372.08
11	773218.17	3341538.50	371.22
12	773158.15	3341348.13	369.78
13	773093.77	3341159.05	368.41
14	772995.31	3340994.00	366.15
15	772926.72	3340807.27	364.47
16	772837.22	3340630.48	362.09
17	772789.58	3340436.43	359.75
18	772760.67	3340239.00	359.04
19	772703.71	3340048.73	359.02
20	772600.53	3339884.53	356.12
21	772528.93	3339697.90	353.78
22	772440.87	3339518.61	351.77
23	772366.47	3339333.07	349.61
24	772290.26	3339148.49	349.24
25*	772236.95	3338956.68	347.26

visiting consultant
Hydrology expert
S. Narasimhan - Lakshya Das

[Signature]
SAD

[Signature]
EE

25 Year HFL Points (Tributary 2)

S. No.	Right Bank		
	Easting (X)	Northing (Y)	Elevation (m)
1	773718.05	3342781.56	384.17
2	773739.46	3342587.83	383.08
3	773726.79	3342392.38	382.54
4	773567.43	3342437.47	381.51
5	773369.73	3342438.30	378.54
6	773234.62	3342296.82	377.36
7	773217.73	3342108.36	375.96
8	773298.64	3341938.37	374.42
9	773170.22	3341804.15	372.08
10	773110.62	3341631.55	371.22
11	773004.76	3341488.34	369.78
12	772896.71	3341337.02	368.41
13	772843.32	3341147.69	366.15
14	772775.49	3340959.96	364.47
15	772689.35	3340781.07	362.09
16	772618.75	3340594.58	359.75
17	772554.59	3340405.40	359.04
18	772531.72	3340210.78	359.02
19	772457.15	3340033.68	356.12
20	772375.39	3339853.56	353.78
21	772245.53	3339703.52	351.77
22	772199.28	3339509.93	349.61
23	772123.01	3339325.34	349.24
24*	772122.19	3339323.84	347.26

Visionтеле Konsulting
 hydrology expert: Edward
 Suanwar: Labanya Das

Edward
 ME

Labanya
 DE

100 Year HFL Points (Tributary 2)

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	773798.58	3342805.61	384.98
2	773784.43	3342606.64	383.89
3	773874.42	3342438.39	383.35
4	773771.93	3342302.45	382.31
5	773574.66	3342317.73	379.34
6	773405.20	3342291.93	378.15
7	773406.47	3342096.60	376.75
8	773474.01	3341924.97	375.21
9	773410.54	3341769.06	374.69
10	773263.75	3341650.57	372.86
11	773205.44	3341459.48	372.00
12	773142.15	3341269.84	370.56
13	773080.75	3341081.15	369.18
14	772979.54	3340909.51	366.92
15	772898.20	3340728.69	365.23
16	772838.51	3340539.33	362.85
17	772799.51	3340343.39	360.50
18	772758.18	3340148.75	359.79
19	772691.12	3339961.23	359.77
20	772597.76	3339786.86	356.86
21	772522.71	3339601.49	354.52
22	772450.58	3339415.00	352.50
23	772370.88	3339231.57	350.33
24	772300.60	3339045.75	349.96
25*	772302.65	3338943.96	347.98

Vision role construction
 hydrology report
 surveyor; Lubunya Das



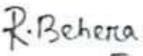
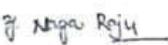
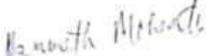

100 Year HFL Points(Tributary 2)

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	773714.03	3342772.87	384.98
2	773729.65	3342577.71	383.89
3	773676.87	3342409.79	382.31
4	773485.92	3342450.61	379.34
5	773304.84	3342401.13	378.15
6	773195.89	3342236.02	376.75
7	773250.18	3342059.07	375.21
8	773245.02	3341875.13	372.00
9	773098.38	3341744.24	370.56
10	773073.03	3341549.81	369.18
11	772913.96	3341431.99	366.92
12	772852.29	3341247.34	365.23
13	772797.52	3341055.71	362.85
14	772713.33	3340875.66	360.50
15	772646.07	3340687.57	359.79
16	772569.63	3340503.28	359.77
17	772516.52	3340310.99	356.86
18	772476.62	3340117.23	354.52
19	772393.41	3339935.85	352.50
20	772270.25	3339785.19	350.33
21	772187.59	3339605.66	349.96
22*	772136.60	3339430.23	347.98

Note: * Marked points are subjected to representation of confluence with main river only, this shall not be taken as additional pillar location

Region for confluence
 Mandatory Export Island
 Survey of India - Kalyanpur DWS
 Sd/-
 IAE
 Hyd. Div.
 Bahadrapur
 Sd/-
 Hyd. Div.
 Bahadrapur

HFL Points Table Lower Solani Reach Muzaffarnagar

Visiontek Consultancy Services 		Irrigation Department Uttarakhand 	
 Rajalaxmi Project Engineer	 Nagaraju GIS Expert	 Assistant Engineer	 Executive Engineer
 Sanjeev Singh Parihar Hydrology Expert	 Manmath Mohanty HOD	 Superintending Engineer	11-12-24 Date of Signature

25 Year HPL Points

S. No.	Left Bank		
	Easting (X)	Northing (Y)	Elevation (m)
1	784499.5	3290409.7	237.43
2	784662.6	3290317.5	237.36
3	784857.4	3290346.6	237.17
4	785052.3	3290357.0	237.09
5	785205.8	3290258.7	237.08
6	785296.4	3290081.0	236.81
7	785389.2	3289904.3	236.79
8	785446.3	3289713.0	236.72
9	785526.7	3289531.7	236.67
10	785619.1	3289354.4	236.66
11	785712.3	3289177.6	236.61
12	785803.3	3288999.5	236.60
13	785896.9	3288823.0	236.52
14	785969.4	3288639.1	236.46
15	785940.8	3288444.3	236.43
16	785931.5	3288245.3	236.42
17	785883.8	3288051.2	236.42
18	785834.6	3287857.6	235.98
19	785907.5	3287681.7	235.83
20	786024.6	3287520.0	235.68
21	786197.8	3287425.6	235.62
22	786374.0	3287335.1	235.45
23	786572.1	3287313.1	235.33
24	786767.5	3287284.4	235.27
25	786921.4	3287157.1	235.23
26	786871.6	3287002.4	235.22
27	786738.5	3286867.4	235.20
28	786674.3	3286663.1	234.88

S. No.	Left Bank		
	Easting (X)	Northing (Y)	Elevation (m)
29	786714.3	3286692.4	234.77
30	786810.2	3286523.9	234.77
31	786957.7	3286198.6	234.74
32	787121.2	3286094.1	234.62
33	787289.7	3286004.2	234.54
34	787418.4	3285862.2	234.48
35	787573.9	3285737.3	234.43
36	787727.6	3285609.4	234.30
37	787884.7	3285486.0	234.29
38	788076.0	3285435.1	234.29
39	788242.2	3285333.8	234.22
40	788288.6	3285143.7	234.02
41	788250.6	3284969.7	233.69
42	788119.1	3284830.7	233.56
43	788022.9	3284656.3	233.53
44	787913.4	3284489.2	233.46
45	787733.1	3284447.2	233.40
46	787537.8	3284411.7	233.33
47	787348.7	3284346.6	233.32
48	787215.8	3284220.0	233.23
49	787185.1	3284023.3	233.07
50	787237.2	3283834.5	232.96
51	787250.6	3283640.2	232.96
52	787138.6	3283474.7	232.84
53	787137.1	3283288.2	232.71
54	787171.4	3283100.6	232.70
55	787145.0	3282909.0	232.34
56	787023.7	3282758.7	232.32

S. No.	Left Bank		
	Easting (X)	Northing (Y)	Elevation (m)
57	786874.1	3282625.9	232.27
58	786724.3	3282493.4	232.07
59	786572.0	3282364.4	231.96
60	786399.4	3282263.3	231.33
61	786226.5	3282163.0	231.27
62	786032.4	3282114.8	231.22
63	785854.9	3282036.5	230.88
64	785707.2	3281902.0	230.88
65	785561.1	3281768.6	230.85
66	785433.1	3281614.9	230.84
67	785254.4	3281538.0	230.63
68	785060.5	3281488.6	230.61
69	784875.1	3281439.2	230.61
70	785038.9	3281329.7	230.24
71	785139.8	3281162.6	230.21
72	785243.0	3280993.3	230.18
73	785267.6	3280796.0	230.15
74	785273.2	3280596.1	230.13
75	785342.4	3280421.0	230.08
76	785455.5	3280256.8	229.91
77	785518.4	3280067.7	229.74
78	785529.5	3279869.4	229.46
79	785447.4	3279689.5	229.44
80	785398.4	3279496.0	229.11
81	785465.5	3279313.1	228.81
82	785574.7	3279147.2	228.65
83	785585.9	3278950.0	228.52
84	785573.0	3278752.6	228.46

25 Year HFL Points

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
85	785650.7	3278570.8	228.41
86	785771.7	3278411.6	227.99
87	785909.9	3278268.3	227.83
88	786054.9	3278130.7	227.27
89	786195.4	3277988.3	227.26
90	786319.1	3277833.1	226.75
91	786389.2	3277646.1	226.47
92	786407.9	3277448.7	226.41
93	786356.5	3277257.3	226.21
94	786265.5	3277079.5	226.08
95	786227.7	3276885.7	225.90
96	786269.8	3276691.9	225.88
97	786372.5	3276520.7	225.83
98	786487.4	3276357.7	225.79
99	786577.1	3276180.1	225.78
100	786609.7	3275986.1	225.67
101	786589.4	3275787.5	225.65
102	786607.2	3275589.1	225.60
103	786673.0	3275400.3	225.60
104	786720.3	3275206.6	225.60
105	786750.5	3275009.4	225.49
106	786772.5	3274811.3	225.49
107	786799.8	3274613.7	225.48
108	786839.7	3274417.8	225.44
109	786886.5	3274223.3	225.44
110	786915.3	3274026.1	225.41
111	786881.8	3273829.0	225.40
112	786771.7	3273665.5	225.33
113	786628.8	3273526.4	225.30
114	786458.2	3273423.9	225.28

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
115	786276.1	3273341.6	225.24
116	786128.9	3273208.2	225.22
117	786091.9	3273016.0	225.20
118	786128.7	3272819.4	225.19
119	786173.9	3272626.2	225.18
120	786291.7	3272465.0	225.17
121	786428.8	3272319.3	225.16
122	786560.9	3272170.0	225.15
123	786689.4	3272016.7	225.15
124	786808.2	3271856.8	225.13
125	786920.0	3271692.4	225.12
126	786855.6	3271516.5	225.11
127	786775.4	3271335.0	225.10
128	786742.3	3271140.2	225.09
129	786706.3	3270968.7	225.09
130	786877.4	3271000.0	225.09
131	787071.7	3270952.4	225.09
132	787260.4	3270893.2	225.07
133	787410.4	3270760.9	225.03
134	787560.5	3270628.7	225.02
135	787710.6	3270496.5	225.02
136	787860.2	3270363.8	224.98
137	788010.3	3270231.6	224.97
138	788172.1	3270115.4	224.96
139	788346.5	3270017.6	224.95
140	788519.0	3269916.7	224.95
141	788690.6	3269814.5	224.91
142	788855.1	3269701.0	224.80
143	789024.3	3269596.1	224.80
144	789223.0	3269579.4	224.76

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
145	789414.7	3269528.9	224.75
146	789570.5	3269409.7	224.71
147	789661.4	3269232.0	224.67
148	789738.2	3269047.4	224.67
149	789809.6	3268860.6	224.66
150	789909.0	3268689.5	224.62
151	790035.8	3268535.2	224.61
152	790127.2	3268357.9	224.56
153	790205.5	3268173.9	224.53
154	790264.9	3267983.0	224.53
155	790323.3	3267791.8	224.53
156	790376.1	3267598.9	224.50
157	790418.4	3267403.5	224.44
158	790254.3	3267315.2	224.41
159	790129.1	3267166.7	224.39
160	790109.0	3266968.9	224.35
161	790101.5	3266770.5	224.33
162	790081.4	3266571.6	224.30
163	790113.6	3266376.0	224.28
164	790161.5	3266184.8	224.06
165	790274.7	3266021.3	224.05
166	790400.6	3265866.0	224.01
167	790533.3	3265716.6	223.90
168	790656.3	3265559.6	223.88
169	790803.1	3265426.4	223.87
170	790931.6	3265274.1	223.86
171	791072.3	3265132.9	223.84
172	791223.9	3265002.7	223.84
173	791342.1	3264843.3	223.70
174	791430.2	3264663.8	223.59

25 Year HFL Points

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
175	791513.5	3264482.0	223.53
176	791582.3	3264294.6	223.36
177	791665.6	3264113.5	223.35
178	791760.2	3263937.3	223.34
179	791838.0	3263753.1	223.28
180	791897.6	3263562.2	223.23
181	791910.7	3263363.1	223.21
182	791913.8	3263163.6	223.15
183	791875.2	3262967.5	223.04
184	791825.3	3262774.0	223.02
185	791772.7	3262581.4	222.99
186	791718.9	3262388.8	222.91
187	791670.9	3262194.7	222.83
188	791632.3	3261998.7	222.82
189	791610.0	3261800.0	222.81
190	791598.3	3261600.4	222.80
191	791578.3	3261401.4	222.65
192	791567.4	3261201.8	222.65
193	791561.5	3261001.9	222.43
194	791541.8	3260802.9	222.39
195	791524.5	3260603.7	222.39
196	791521.5	3260404.2	222.30
197	791537.8	3260204.9	222.28
198	791569.0	3260007.8	222.27
199	791669.3	3259840.1	222.24
200	791828.2	3259718.6	222.17
201	791987.1	3259597.2	222.14
202	792161.8	3259500.5	222.13
203	792343.8	3259419.1	222.07
204	792533.9	3259356.9	222.03

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
205	792727.1	3259308.5	222.02
206	792923.9	3259277.2	221.96
207	793121.4	3259246.1	221.95
208	793312.0	3259192.3	221.92
209	793489.5	3259100.2	221.58
210	793652.6	3258984.8	221.56
211	793763.3	3258822.6	221.55
212	793773.0	3258803.7	221.50

M. J. E.

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	

25 Year HFL Points

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	784159.9	3290846.1	237.43
2	784158.2	3290646.6	237.36
3	784121.1	3290450.8	237.17
4	784104.2	3290251.9	237.09
5	784146.4	3290058.8	237.08
6	784255.1	3289892.5	236.81
7	784385.8	3289741.1	236.79
8	784534.9	3289608.5	236.72
9	784686.8	3289478.6	236.67
10	784804.8	3289317.6	236.66
11	784917.1	3289152.1	236.61
12	785014.8	3288977.7	236.60
13	785013.6	3288781.7	236.52
14	785006.3	3288582.9	236.46
15	785077.4	3288400.1	236.43
16	785010.2	3288216.7	236.42
17	784986.5	3288022.0	236.42
18	785023.9	3287825.8	235.98
19	785087.0	3287636.5	235.83
20	785210.8	3287481.5	235.68
21	785293.0	3287309.1	235.62
22	785332.5	3287115.3	235.45
23	785425.1	3286938.0	235.33
24	785537.4	3286773.1	235.27
25	785634.8	3286599.0	235.23
26	785762.1	3286445.6	235.22
27	785906.0	3286306.6	235.20
28	786041.1	3286159.4	234.88

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
29	786177.4	3286014.8	234.77
30	786356.1	3285925.1	234.77
31	786525.5	3285818.8	234.74
32	786692.4	3285708.7	234.62
33	786858.6	3285597.4	234.54
34	787022.5	3285527.9	234.48
35	787178.4	3285645.3	234.43
36	787320.8	3285532.0	234.30
37	787456.9	3285388.1	234.29
38	787596.9	3285245.5	234.29
39	787747.9	3285114.7	234.22
40	787853.6	3284947.0	234.02
41	787843.2	3284763.6	233.69
42	787680.6	3284650.1	233.56
43	787485.6	3284612.5	233.53
44	787286.1	3284601.8	233.46
45	787095.6	3284542.4	233.40
46	786959.9	3284396.3	233.33
47	786840.4	3284236.1	233.32
48	786713.0	3284082.6	233.23
49	786577.0	3283935.9	233.07
50	786447.5	3283783.6	232.96
51	786321.0	3283628.7	232.96
52	786195.6	3283472.8	232.84
53	786063.0	3283323.5	232.71
54	785920.3	3283183.4	232.70
55	785791.2	3283031.3	232.34
56	785665.6	3282878.3	232.32

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
57	785534.6	3282727.8	232.27
58	785432.2	3282556.0	232.07
59	785335.3	3282381.1	231.96
60	785240.6	3282205.4	231.33
61	785101.9	3282064.2	231.27
62	784936.9	3281951.3	231.22
63	784778.4	3281830.3	230.88
64	784633.5	3281695.2	230.88
65	784633.4	3281516.0	230.85
66	784703.1	3281328.6	230.84
67	784774.2	3281141.7	230.63
68	784824.7	3280951.5	230.61
69	784750.4	3280792.3	230.61
70	784831.1	3280609.7	230.24
71	784920.1	3280433.1	230.21
72	785067.0	3280297.8	230.18
73	785213.1	3280162.2	230.15
74	785245.1	3279979.3	230.13
75	785147.6	3279806.6	230.08
76	785046.2	3279637.6	229.91
77	785021.3	3279443.7	229.74
78	785017.6	3279243.7	229.46
79	785014.1	3279043.8	229.44
80	785008.4	3278843.9	229.11
81	785136.3	3278694.7	228.81
82	785282.2	3278558.9	228.65
83	785407.0	3278402.7	228.52
84	785533.8	3278248.1	228.46

25 Year HFL Points

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
85	785660.1	3278093.5	228.41
86	785773.7	3277929.8	227.99
87	785910.1	3277784.7	227.83
88	785993.2	3277615.0	227.27
89	785933.8	3277426.1	227.26
90	785799.7	3277278.2	226.75
91	785665.6	3277131.0	226.47
92	785692.3	3276939.4	226.41
93	785788.8	3276810.9	226.21
94	785869.4	3276628.7	226.08
95	785947.6	3276444.9	225.90
96	786115.7	3276350.9	225.88
97	786097.0	3276171.3	225.83
98	786132.8	3275975.0	225.79
99	786167.8	3275778.1	225.78
100	786201.9	3275581.1	225.67
101	786285.0	3275401.4	225.65
102	786347.7	3275227.2	225.60
103	786401.3	3275034.5	225.60
104	786437.8	3274838.5	225.60
105	786410.6	3274640.5	225.49
106	786385.0	3274442.3	225.49
107	786437.3	3274276.2	225.48
108	786309.2	3274122.8	225.44
109	786183.0	3273969.1	225.44
110	786069.7	3273804.9	225.41
111	785990.0	3273623.3	225.40
112	785914.2	3273440.5	225.33
113	785847.6	3273254.2	225.30
114	785759.8	3273077.7	225.28

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
115	785755.3	3272899.7	225.24
116	785927.7	3272800.5	225.22
117	786033.4	3272631.5	225.20
118	786089.2	3272440.9	225.19
119	786145.0	3272248.9	225.18
120	786188.8	3272054.0	225.17
121	786267.0	3271870.1	225.16
122	786256.0	3271683.6	225.15
123	786217.0	3271499.2	225.15
124	786296.7	3271316.6	225.13
125	786386.0	3271137.7	225.12
126	786446.0	3270947.4	225.11
127	786505.0	3270756.4	225.10
128	786612.9	3270588.8	225.09
129	786767.9	3270462.6	225.09
130	786931.3	3270350.8	225.09
131	787105.4	3270268.1	225.07
132	787266.5	3270151.2	225.03
133	787290.8	3270023.0	225.02
134	787352.1	3269864.8	225.02
135	787465.5	3269700.8	224.98
136	787575.6	3269536.3	224.97
137	787680.0	3269371.1	224.96
138	787833.3	3269246.5	224.95
139	787978.8	3269109.2	224.95
140	788121.3	3268969.1	224.91
141	788262.3	3268827.4	224.80
142	788406.3	3268688.6	224.80
143	788554.5	3268554.4	224.76
144	788634.0	3268380.0	224.75

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
145	788733.7	3268210.2	224.71
146	788896.3	3268095.2	224.67
147	789006.6	3267931.3	224.67
148	789046.7	3267740.8	224.66
149	789111.5	3267553.1	224.62
150	789127.5	3267355.8	224.61
151	789069.0	3267166.8	224.56
152	789158.6	3266998.7	224.53
153	789304.6	3266866.4	224.53
154	789447.8	3266730.4	224.53
155	789504.7	3266551.2	224.50
156	789638.6	3266449.1	224.44
157	789775.0	3266311.7	224.41
158	789884.2	3266159.8	224.39
159	789977.1	3265982.7	224.35
160	790061.1	3265801.7	224.33
161	790153.1	3265624.2	224.30
162	790296.4	3265582.6	224.28
163	790397.7	3265411.2	224.06
164	790502.9	3265241.1	224.05
165	790616.7	3265077.1	224.01
166	790767.5	3264946.6	223.88
167	790921.2	3264819.6	223.87
168	791025.7	3264649.7	223.86
169	791112.7	3264469.6	223.84
170	791190.7	3264285.6	223.84
171	791251.8	3264095.3	223.70
172	791303.0	3263902.2	223.59
173	791341.7	3263705.9	223.53
174	791368.6	3263507.9	223.36

25 Year HFL Points

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
175	791375.1	3263308.2	223.35
176	791366.0	3263108.5	223.28
177	791324.6	3262915.6	223.23
178	791250.6	3262729.9	223.21
179	791145.6	3262564.9	223.15
180	791004.2	3262423.6	223.04
181	790861.0	3262283.9	223.02
182	790706.7	3262156.8	222.99
183	790548.9	3262033.8	222.91
184	790390.0	3261912.5	222.83
185	790312.4	3261731.0	222.82
186	790289.8	3261533.9	222.80
187	790288.8	3261333.9	222.65
188	790287.8	3261133.9	222.65
189	790287.9	3260933.9	222.43
190	790292.2	3260734.0	222.39
191	790302.1	3260534.2	222.39
192	790327.6	3260336.1	222.30
193	790360.2	3260138.7	222.28
194	790395.4	3259941.9	222.27
195	790438.7	3259746.7	222.24
196	790485.3	3259552.2	222.17
197	790542.4	3259362.5	222.13
198	790659.8	3259200.6	222.07
199	790778.4	3259039.8	222.03
200	790926.9	3258905.8	222.02
201	791075.4	3258771.8	221.96

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
202	791245.5	3258667.6	221.95
203	791418.9	3258568.0	221.92
204	791593.4	3258470.4	221.58
205	791774.7	3258386.0	221.56
206	791958.6	3258311.0	221.55
207	792149.6	3258251.4	221.50
208	792332.4	3258173.2	221.47
209	792515.1	3258092.0	221.45
210	792689.4	3257994.5	221.37
211	792818.5	3257843.6	221.36
212	792911.8	3257667.4	221.35
213	792977.0	3257480.3	221.23
214	793007.8	3257282.7	221.20
215	793033.9	3257084.6	221.16
216	793038.1	3256884.7	221.14
217	793042.2	3256684.7	221.14
218	793051.7	3256485.3	221.14
219	793083.7	3256288.7	221.11
220	793139.6	3256096.7	221.10
221	793195.5	3255904.7	221.10
222	793272.0	3255720.8	220.70
223	793360.5	3255541.4	220.53
224	793444.7	3255360.1	220.37
225	793565.2	3255201.2	220.22
226	793691.5	3255047.3	220.06
227	793828.9	3254903.9	219.90
228	793985.8	3254779.9	219.74

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
229	794100.2	3254689.5	219.59

100 Year HFL Points

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	784522.3	3290425.3	237.98
2	784681.6	3290328.8	237.90
3	784874.4	3290371.1	237.71
4	785071.8	3290375.7	237.63
5	785210.4	3290266.2	237.63
6	785297.8	3290086.7	237.36
7	785392.1	3289910.9	237.33
8	785453.2	3289721.0	237.27
9	785532.0	3289538.5	237.22
10	785623.2	3289360.8	237.21
11	785718.8	3289185.3	237.16
12	785809.8	3289007.3	237.14
13	785903.5	3288831.0	237.06
14	785975.9	3288646.7	237.01
15	785946.6	3288452.2	236.97
16	785937.1	3288253.1	236.97
17	785895.3	3288057.7	236.96
18	785847.1	3287863.6	236.52
19	785913.8	3287687.4	236.38
20	786030.4	3287525.4	236.23
21	786204.5	3287434.4	236.16
22	786381.9	3287344.4	235.99
23	786580.1	3287322.9	235.87
24	786773.3	3287290.2	235.81
25	786925.8	3287161.2	235.77
26	786879.3	3287010.5	235.76
27	786752.4	3286875.1	235.74
28	786677.6	3286694.0	235.43

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
29	786716.3	3286502.9	235.31
30	786810.4	3286332.3	235.31
31	786960.8	3286210.4	235.28
32	787121.1	3286100.6	235.16
33	787294.1	3286018.7	235.08
34	787418.9	3285873.1	235.02
35	787573.6	3285749.6	234.97
36	787728.5	3285623.2	234.84
37	787882.2	3285495.3	234.83
38	788073.1	3285447.3	234.83
39	788244.3	3285351.5	234.77
40	788283.6	3285158.2	234.57
41	788263.1	3284995.7	234.23
42	788142.2	3284850.3	234.10
43	788039.1	3284681.2	234.07
44	787936.0	3284510.3	234.00
45	787768.9	3284444.3	233.94
46	787572.0	3284419.1	233.87
47	787382.9	3284354.3	233.86
48	787228.4	3284249.4	233.77
49	787192.8	3284053.7	233.61
50	787237.9	3283866.5	233.50
51	787272.4	3283672.5	233.50
52	787169.6	3283502.8	233.38
53	787138.9	3283324.1	233.24
54	787184.6	3283135.3	233.24
55	787187.6	3282947.0	232.88
56	787103.3	3282773.1	232.86

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
57	786964.6	3282629.1	232.81
58	786824.6	3282486.2	232.61
59	786684.9	3282343.1	232.50
60	786527.9	3282220.2	231.87
61	786363.0	3282107.1	231.80
62	786179.8	3282040.8	231.75
63	785981.5	3282014.9	231.42
64	785827.1	3281902.4	231.41
65	785663.3	3281795.4	231.38
66	785514.3	3281662.3	231.37
67	785361.2	3281546.8	231.16
68	785166.0	3281503.2	231.14
69	784972.0	3281455.1	231.14
70	784964.2	3281391.4	230.78
71	785088.8	3281249.6	230.74
72	785198.1	3281082.7	230.72
73	785268.8	3280900.5	230.69
74	785280.7	3280701.0	230.66
75	785291.3	3280506.5	230.62
76	785409.6	3280345.6	230.44
77	785502.6	3280170.4	230.27
78	785546.2	3279975.7	229.99
79	785492.2	3279791.3	229.98
80	785429.6	3279601.4	229.65
81	785421.6	3279405.9	229.34
82	785533.6	3279241.4	229.19
83	785598.7	3279056.1	229.05
84	785578.3	3278857.9	228.99

100 Year HFL Points

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
85	785605.4	3278663.8	228.94
86	785717.3	3278499.5	228.52
87	785845.5	3278347.1	228.36
88	785994.9	3278214.1	227.80
89	786133.8	3278071.1	227.79
90	786272.0	3277926.7	227.28
91	786371.2	3277755.0	227.00
92	786429.1	3277564.3	226.94
93	786415.2	3277365.3	226.74
94	786340.7	3277181.0	226.61
95	786255.2	3277001.4	226.43
96	786254.4	3276802.9	226.40
97	786328.9	3276620.4	226.36
98	786444.5	3276457.5	226.32
99	786540.8	3276284.7	226.30
100	786622.7	3276103.3	226.19
101	786620.9	3275909.0	226.17
102	786609.7	3275709.9	226.13
103	786646.3	3275515.9	226.13
104	786710.5	3275326.5	226.12
105	786734.3	3275128.6	226.02
106	786778.7	3274933.6	226.01
107	786790.0	3274734.7	226.01
108	786826.0	3274538.0	225.97
109	786874.6	3274344.2	225.96
110	786917.2	3274148.9	225.93
111	786918.8	3273950.5	225.93
112	786871.1	3273758.0	225.86
113	786741.5	3273606.9	225.83
114	786592.3	3273473.9	225.81

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
115	786414.8	3273382.3	225.76
116	786235.6	3273298.2	225.75
117	786117.8	3273141.8	225.72
118	786117.0	3272945.3	225.72
119	786156.4	3272750.0	225.71
120	786225.6	3272572.2	225.69
121	786347.1	3272414.1	225.69
122	786486.3	3272271.2	225.68
123	786613.9	3272117.6	225.67
124	786745.2	3271966.8	225.66
125	786851.4	3271798.8	225.65
126	786933.3	3271626.8	225.63
127	786825.1	3271459.1	225.63
128	786756.8	3271272.1	225.62
129	786744.0	3271073.4	225.62
130	786751.2	3271029.9	225.62
131	786946.5	3270991.0	225.61
132	787140.6	3270942.8	225.59
133	787334.7	3270894.6	225.55
134	787491.8	3270773.6	225.55
135	787644.7	3270644.7	225.54
136	787797.1	3270515.2	225.51
137	787949.5	3270385.7	225.49
138	788101.7	3270255.9	225.48
139	788253.2	3270125.3	225.48
140	788424.8	3270023.0	225.47
141	788595.6	3269919.4	225.44
142	788761.2	3269807.6	225.33
143	788922.3	3269689.2	225.32
144	789099.5	3269600.5	225.28

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
145	789297.7	3269576.5	225.28
146	789485.4	3269513.7	225.24
147	789610.3	3269364.3	225.20
148	789700.5	3269185.9	225.20
149	789776.4	3269000.9	225.18
150	789850.8	3268816.1	225.14
151	789971.0	3268657.6	225.14
152	790088.0	3268497.9	225.08
153	790169.2	3268315.4	225.06
154	790245.5	3268131.2	225.05
155	790300.1	3267939.3	225.05
156	790351.8	3267746.5	225.03
157	790402.2	3267552.9	224.97
158	790431.2	3267355.4	224.93
159	790461.3	3267157.7	224.92
160	790505.0	3266963.9	224.87
161	790498.6	3266764.1	224.85
162	790388.7	3266613.5	224.82
163	790238.0	3266486.5	224.80
164	790124.3	3266322.2	224.58
165	790202.7	3266144.8	224.57
166	790339.8	3265999.5	224.53
167	790480.4	3265857.9	224.42
168	790590.5	3265691.0	224.41
169	790704.3	3265526.9	224.39
170	790843.7	3265388.1	224.38
171	790972.8	3265235.9	224.36
172	791123.5	3265104.9	224.36
173	791269.7	3264969.0	224.22
174	791378.6	3264802.9	224.11

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
175	791464.0	3264622.1	224.06
176	791545.7	3264439.6	223.89
177	791609.9	3264250.4	223.87
178	791704.4	3264076.2	223.87
179	791800.0	3263900.6	223.81
180	791864.5	3263711.3	223.76
181	791917.8	3263519.5	223.73
182	791923.4	3263319.6	223.68
183	791920.7	3263120.9	223.56
184	791885.6	3262924.0	223.55
185	791834.7	3262731.3	223.52
186	791798.6	3262536.6	223.44
187	791746.2	3262343.7	223.35
188	791699.7	3262149.4	223.34
189	791673.9	3261951.1	223.34
190	791661.8	3261753.0	223.32
191	791697.1	3261556.2	223.17
192	791679.1	3261358.4	223.17
193	791649.5	3261160.6	222.95
194	791619.2	3260963.0	222.91
195	791598.4	3260764.3	222.91
196	791582.2	3260566.0	222.82
197	791591.2	3260366.2	222.80
198	791636.1	3260173.0	222.79
199	791663.2	3259974.9	222.76
200	791778.1	3259829.6	222.69
201	791940.5	3259712.9	222.66

100 Year HFL Points

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	
202	792106.8	3259601.7	222.65
203	792281.9	3259509.1	222.59
204	792472.4	3259448.2	222.55
205	792662.9	3259387.3	222.54
206	792861.5	3259365.8	222.48
207	793060.6	3259346.6	222.47
208	793259.7	3259327.4	222.44
209	793436.4	3259239.6	222.10
210	793606.3	3259136.9	222.08
211	793740.8	3258988.9	222.06
212	793811.7	3258870.1	222.02

S. No.	Left Bank		Elevation (m)
	Easting (X)	Northing (Y)	

100 Year HFL Points

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
1	784152	3290846	237.98
2	784148	3290647	237.90
3	784108	3290451	237.71
4	784092	3290252	237.63
5	784128	3290058	237.63
6	784235	3289890	237.36
7	784367	3289740	237.33
8	784516	3289607	237.27
9	784667	3289477	237.22
10	784785	3289317	237.21
11	784895	3289149	237.16
12	784996	3288977	237.14
13	784988	3288783	237.06
14	784985	3288584	237.01
15	785057	3288413	236.97
16	784999	3288240	236.97
17	784961	3288049	236.96
18	784986	3287851	236.52
19	785040	3287660	236.38
20	785147	3287494	236.23
21	785261	3287346	236.16
22	785292	3287149	235.99
23	785383	3286972	235.87
24	785485	3286799	235.81
25	785584	3286626	235.77
26	785701	3286464	235.76
27	785822	3286305	235.74
28	785964	3286164	235.43

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
29	786106	3286023	235.31
30	786274	3285916	235.31
31	786447	3285816	235.28
32	786621	3285717	235.16
33	786795	3285618	235.08
34	786957	3285503	235.02
35	787105	3285609	234.97
36	787279	3285597	234.84
37	787395	3285437	234.83
38	787537	3285297	234.83
39	787681	3285158	234.77
40	787805	3285004	234.57
41	787844	3284813	234.23
42	787705	3284676	234.10
43	787515	3284624	234.07
44	787315	3284613	234.00
45	787120	3284574	233.94
46	786973	3284444	233.87
47	786855	3284283	233.86
48	786725	3284131	233.77
49	786590	3283983	233.61
50	786455	3283836	233.50
51	786325	3283684	233.50
52	786201	3283527	233.38
53	786075	3283373	233.24
54	785921	3283245	233.24
55	785785	3283100	232.88
56	785685	3282928	232.86

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
57	785534	3282803	232.81
58	785433	3282630	232.61
59	785344	3282451	232.50
60	785266	3282268	231.87
61	785142	3282113	231.80
62	784979	3281998	231.75
63	784824	3281873	231.42
64	784670	3281749	231.41
65	784580	3281587	231.38
66	784641	3281397	231.37
67	784701	3281206	231.16
68	784763	3281016	231.14
69	784733	3280850	231.14
70	784805	3280669	230.78
71	784873	3280483	230.74
72	785007	3280335	230.72
73	785152	3280198	230.69
74	785245	3280034	230.66
75	785162	3279856	230.62
76	785052	3279689	230.44
77	785012	3279503	230.27
78	785009	3279303	229.99
79	785004	3279103	229.98
80	785001	3278903	229.65
81	785077	3278731	229.34
82	785222	3278593	229.19
83	785352	3278443	229.05
84	785478	3278288	228.99

100 Year HFL Points

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
85	785610	3278137	228.94
86	785712	3277968	228.52
87	785851	3277824	228.36
88	785979	3277679	227.80
89	785946	3277487	227.79
90	785821	3277332	227.28
91	785681	3277190	227.00
92	785640	3277005	226.94
93	785756	3276848	226.74
94	785845	3276669	226.61
95	785918	3276483	226.43
96	786071	3276378	226.40
97	786103	3276213	226.36
98	786111	3276017	226.32
99	786147	3275820	226.30
100	786177	3275622	226.19
101	786240	3275434	226.17
102	786329	3275269	226.13
103	786381	3275076	226.13
104	786423	3274880	226.12
105	786408	3274682	226.02
106	786379	3274484	226.01
107	786449	3274313	226.01
108	786324	3274158	225.97
109	786194	3274007	225.96
110	786082	3273842	225.93
111	785997	3273664	225.93
112	785913	3273485	225.86
113	785857	3273295	225.83
114	785762	3273124	225.81

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
115	785702	3272936	225.76
116	785864	3272832	225.75
117	785994	3272687	225.72
118	786068	3272502	225.72
119	786115	3272308	225.71
120	786167	3272115	225.69
121	786231	3271926	225.69
122	786252	3271742	225.68
123	786229	3271548	225.67
124	786265	3271366	225.66
125	786353	3271186	225.65
126	786422	3270999	225.63
127	786481	3270808	225.63
128	786568	3270629	225.62
129	786714	3270495	225.62
130	786874	3270374	225.61
131	787049	3270299	225.59
132	787216	3270189	225.55
133	787337	3270036	225.55
134	787316	3269909	225.54
135	787431	3269746	225.51
136	787547	3269584	225.49
137	787643	3269415	225.48
138	787776	3269274	225.48
139	787921	3269138	225.47
140	788063	3268997	225.44
141	788201	3268853	225.33
142	788348	3268718	225.32
143	788490	3268578	225.28
144	788614	3268429	225.28

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
145	788690	3268247	225.24
146	788839	3268117	225.20
147	788972	3267974	225.20
148	789014	3267785	225.18
149	789091	3267602	225.14
150	789124	3267406	225.14
151	789065	3267217	225.08
152	789111	3267038	225.06
153	789244	3266892	225.05
154	789389	3266761	225.05
155	789461	3266611	225.03
156	789579	3266478	224.97
157	789697	3266344	224.93
158	789847	3266230	224.92
159	789932	3266049	224.87
160	790022	3265871	224.85
161	790113	3265692	224.82
162	790202	3265545	224.80
163	790347	3265494	224.58
164	790445	3265320	224.57
165	790551	3265150	224.53
166	790683	3265002	224.41
167	790840	3264879	224.39
168	790968	3264727	224.38
169	791059	3264549	224.36
170	791146	3264369	224.36
171	791210	3264180	224.22
172	791273	3263990	224.11
173	791311	3263794	224.06
174	791342	3263596	223.89

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
229	793919	3254616	220.10
230	793937	3254603	219.94

100 Year HFL Points

S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
175	791361	3263397	223.87
176	791356	3263198	223.81
177	791341	3262999	223.76
178	791264	3262814	223.73
179	791183	3262632	223.68
180	791043	3262489	223.56
181	790904	3262346	223.55
182	790751	3262217	223.52
183	790594	3262093	223.44
184	790436	3261970	223.35
185	790325	3261812	223.34
186	790267	3261623	223.32
187	790265	3261423	223.17
188	790264	3261223	223.17
189	790266	3261023	222.95
190	790268	3260823	222.91
191	790270	3260623	222.91
192	790293	3260425	222.82
193	790324	3260227	222.80
194	790351	3260029	222.79
195	790373	3259830	222.76
196	790413	3259634	222.69
197	790455	3259439	222.65
198	790559	3259269	222.59
199	790669	3259102	222.55
200	790795	3258949	222.54
201	790943	3258815	222.48

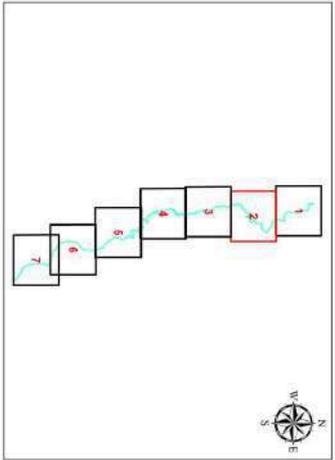
S. No.	Right Bank		Elevation (m)
	Easting (X)	Northing (Y)	
202	791092	3258681	222.47
203	791263	3258579	222.44
204	791438	3258481	222.10
205	791616	3258390	222.08
206	791802	3258317	222.06
207	791988	3258244	222.02
208	792174	3258170	221.99
209	792355	3258087	221.97
210	792536	3258000	221.89
211	792687	3257880	221.88
212	792798	3257714	221.87
213	792875	3257532	221.74
214	792928	3257339	221.71
215	792971	3257145	221.68
216	792976	3256945	221.66
217	792981	3256745	221.66
218	792986	3256545	221.65
219	793013	3256348	221.63
220	793056	3256153	221.62
221	793100	3255957	221.61
222	793151	3255765	221.22
223	793234	3255583	221.05
224	793317	3255401	220.89
225	793400	3255219	220.73
226	793514	3255057	220.57
227	793644	3254904	220.42
228	793773	3254752	220.26

Handwritten signature

Handwritten signature
CE, Ganga



**100 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**



LEGEND

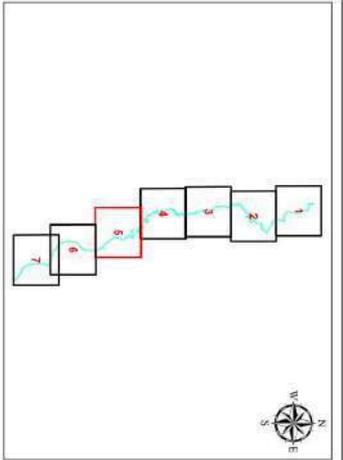
- Prominent Places
- Center Line
- Flood Lines - 100 Years
- Flood Lines - 200 Years
- Interval Points - 100 Meter
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 <p>Vistonek Consultancy Services Pvt. Ltd. <i>(Consultant for Water Resources)</i></p> <p>Consultant</p>	
<p><i>R. Bhatia</i> Rajabhat Project Engineer</p>	<p><i>S. Anoop Rishi</i> Nagaraju GIS Expert</p>
<p> Sanjeev Singh Partner Hydrology Expert</p>	<p><i>Mamata Mohanty</i> HOD</p>
<p> Irrigation Department, Uttarakhand</p>	
<p>Assistant Engineer</p>	<p>Executive Engineer</p>
<p>Superintending Engineer</p>	



**100 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**



LEGEND

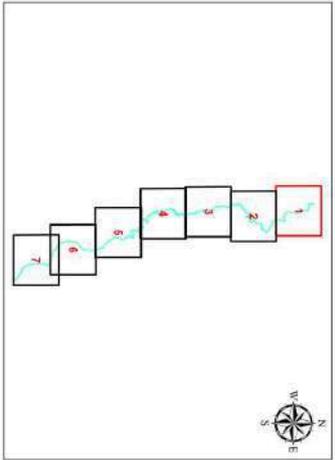
- Prominent Places
- Center Line
- Flood Lines - 100 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vistonek Consultancy Services Pvt. Ltd. <small>(Consultant for Water Resources)</small>		Consultant	
<p><i>R. Babera</i> Rajabaxmi Project Engineer</p> <p><i>Sanjay Singh Parihar</i> Hydrology Expert</p> <p> Irrigation Department, Uttarakhand</p> <p>Assistant Engineer</p>	<p><i>S. Anoop Singh</i> Nagaraju GIS Expert</p> <p><i>Mamath Mohany</i> HOD</p> <p>Executive Engineer</p>	 Superintending Engineer	



**100 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**

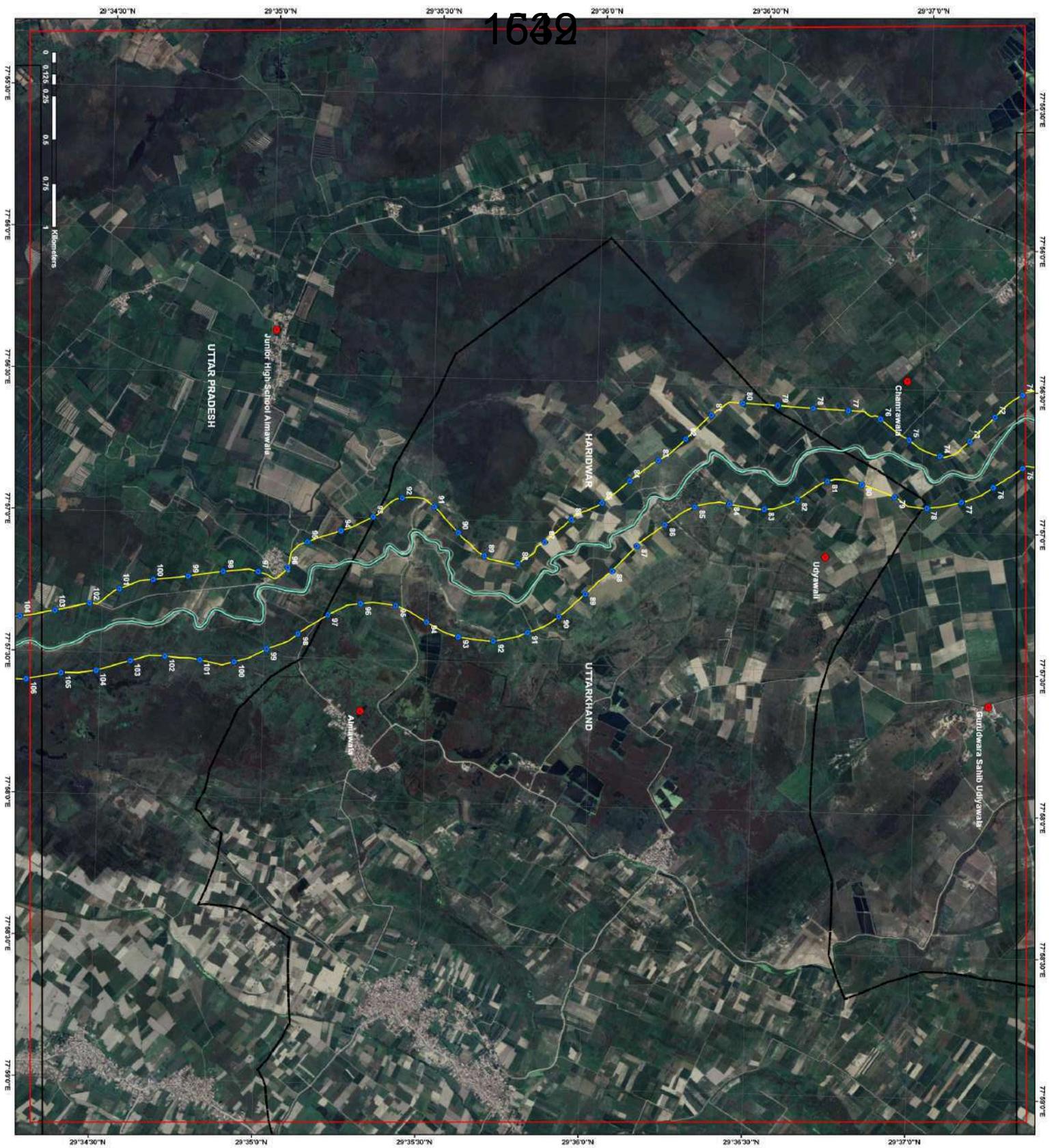


LEGEND

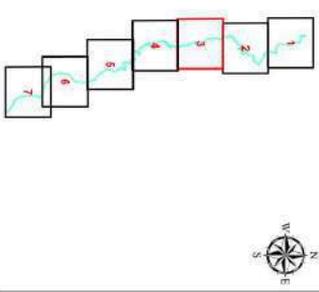
- Prominent Places
- Center Line
- Flood Lines - 100 Years
- Interval Points - 100 Meter
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

<p>Vastek Consultancy Services Pvt. Ltd. <i>(Consultant for State Government)</i></p>	
<p>Project Engineer</p> <p><i>R. Babera</i> Rajabaxmi</p>	<p>GIS Expert</p> <p><i>S. Anoop Singh</i> Nagaraju</p>
<p>Hydrology Expert</p> <p>Sanjay Singh Parihar</p>	<p>HOD</p> <p><i>Mansukh Mishra</i> Manmohan Mohany</p>
<p>Irrigation Department, Uttarakhand</p>	
<p>Assistant Engineer</p>	<p>Executive Engineer</p>
<p>Superintending Engineer</p>	



**100 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**

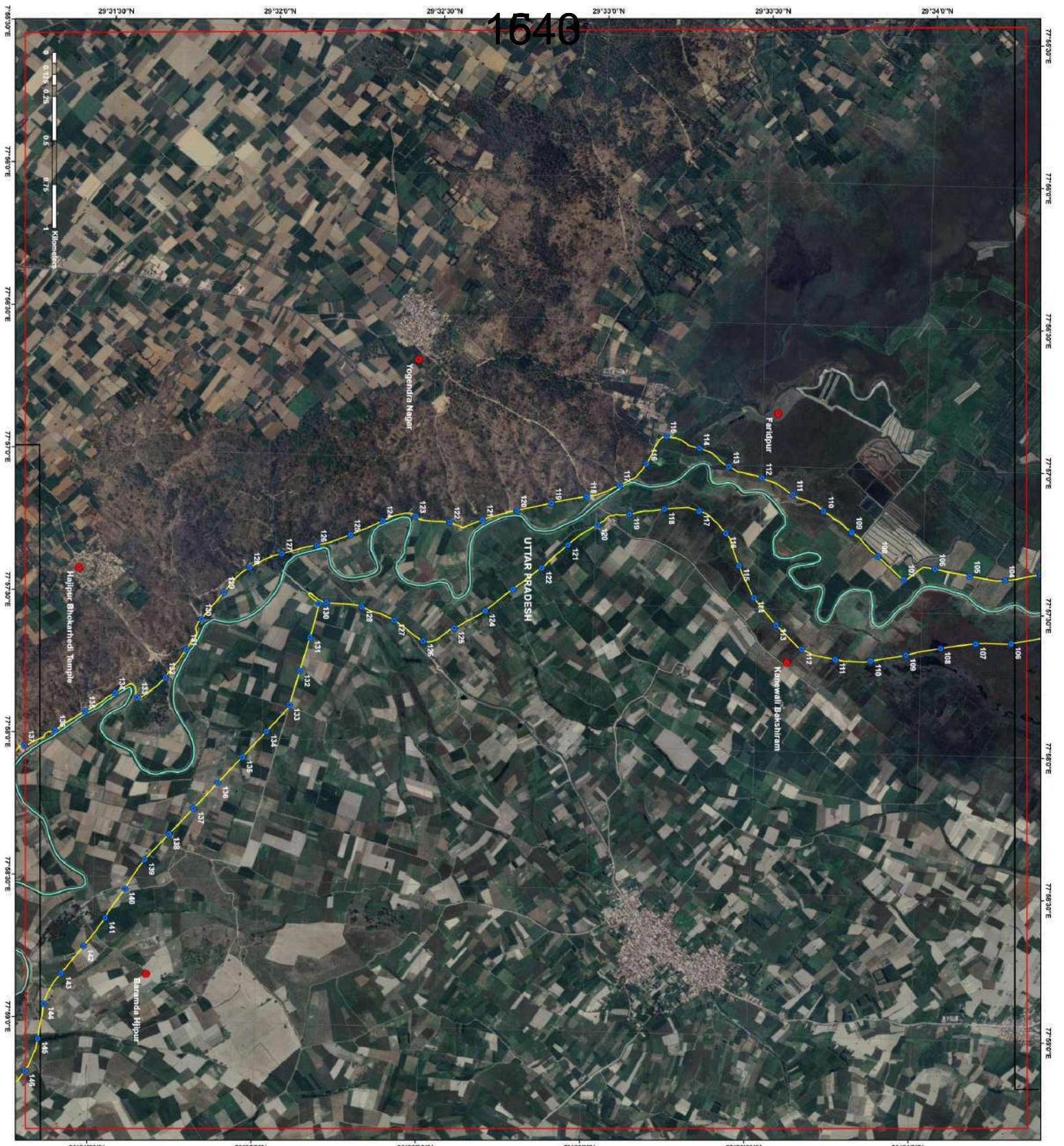


LEGEND

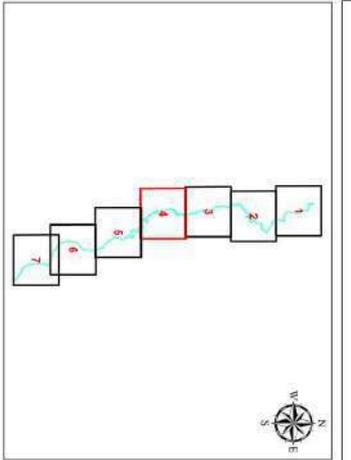
- Prominent Places
- Center Line
- Flood Lines - 100 Years
- Interferal Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vistomtek Consultancy Services Pvt. Ltd. <small>(Consultant for Water Resources)</small>		Consultant	
R. Babera Rajabaxmi Project Engineer	 G. Anoop Kumar Nagaraju GIS Expert	 Sanjeev Singh Parihar Hydrology Expert	 Manmohan Mohanty HOD
 Irrigation Department, Uttarakhand		 Supervising Engineer	
Assistant Engineer	Executive Engineer		



**100 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**



LEGEND

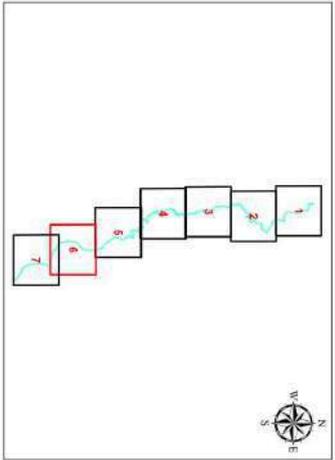
- Prominent Places
- Center Line
- Flood Lines - 100 Years
- Interferal Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vistomtek Consultancy Services Pvt. Ltd. <small>(Incorporated in India - International)</small>		Consultant	
 R. Bhatia Rajbhatni Project Engineer	 S. Nagaraju Nagaraju GIS Expert		
 Sanjeev Singh Parihar Hydrology Expert	 Manmohan Mohany HOD		
 Irrigation Department, Uttarakhand		 Uttarakhand	
Assistant Engineer	Executive Engineer		
Superintending Engineer			



**100 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**

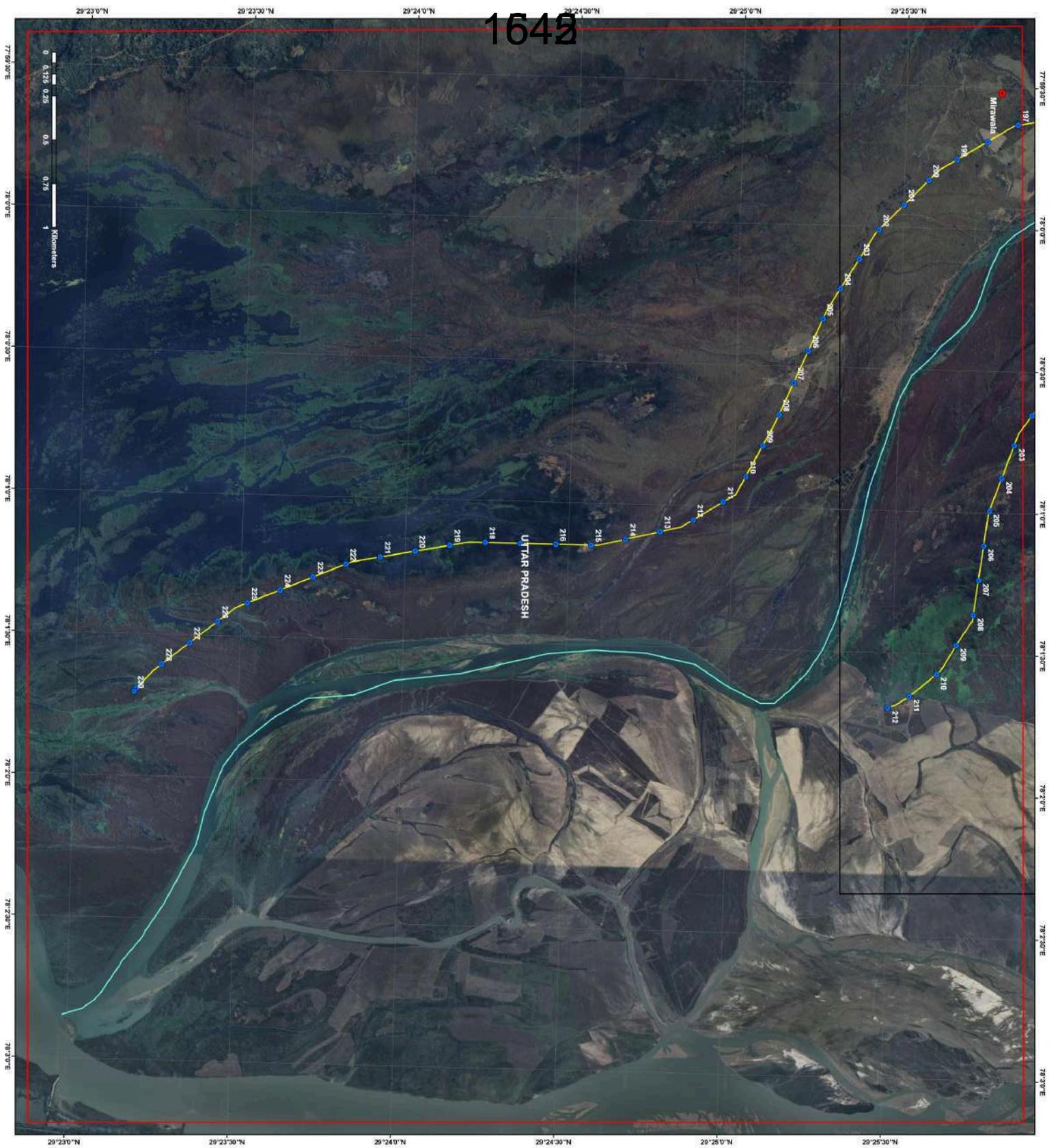


LEGEND

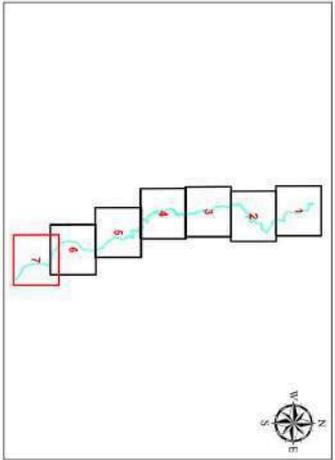
- Prominent Places
- Center Line
- Flood Lines - 100 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vistomtek Consultancy Services Pvt. Ltd. <small>(Consultant for Water Resources)</small>		 Rajendra Kumar Singh Project Engineer		 Nagaraju GIS Expert			
 Sanjeev Singh Partner Hydrology Expert		 Manmohan Mohanty HOD		 Irrigation Department, Uttarakhand		 Uttarakhand	
Assistant Engineer		Executive Engineer		Superintending Engineer			



**100 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGA RIVER.**



LEGEND

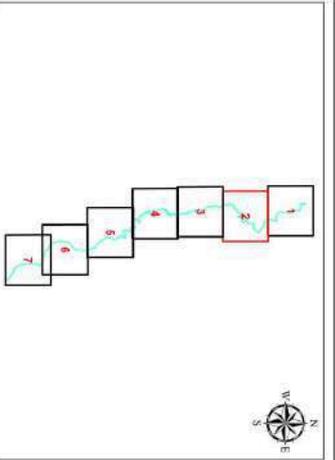
- Prominent Places
- Center Line
- Flood Lines - 100 Years
- Interval Points - 100 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vistonek Consultancy Services Pvt. Ltd. <small>(Consultant for Water Resources)</small>		Consultant	
 Rajabani Project Engineer	 Naagaraju GIS Expert		
 Sanjeev Singh Parihar Hydrology Expert	 Manmath Mohanty HOD		
 Irrigation Department, Uttarakhand		 Uttarakhand	
Assistant Engineer	Executive Engineer		
Superintending Engineer			



**25 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**



LEGEND

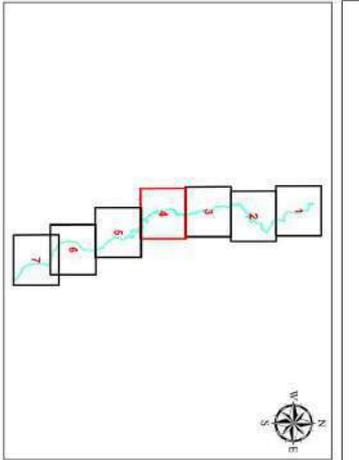
- Prominent Places
- Center Line
- Flood Lines - 25 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vistonek Consultancy Services Pvt. Ltd. <small>(Consultant for Water Resources)</small>		Consultant	
 Rajabeni Rajabani Project Engineer	 Nagaraju GIS Expert		
 Sanjeev Singh Parihar Hydrology Expert	 Manmoh Mohany HOD		
 Irrigation Department, Uttarakhand		 Uttarakhand	
Assistant Engineer	Executive Engineer		
Superintending Engineer			



**25 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**



LEGEND

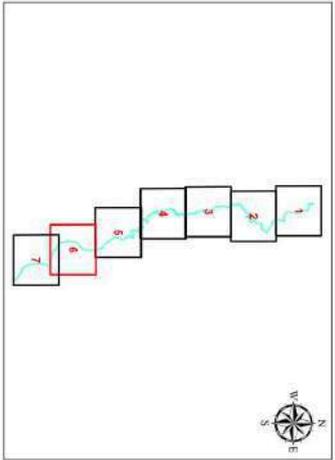
- Prominent Places
- Center Line
- Flood Lines - 25 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vistomtek Consultancy Services Pvt. Ltd. <small>(Consultant for Water Resources)</small>		Consultant	
 Rajabaxmi Project Engineer	 Naagaraju GIS Expert		
 Sanjeev Singh Parihar Hydrology Expert	 Manmohan Mohany HOD		
 Irrigation Department, Uttarakhand		 Uttarakhand	
Assistant Engineer	Executive Engineer		
Superintending Engineer			



**25 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**



LEGEND

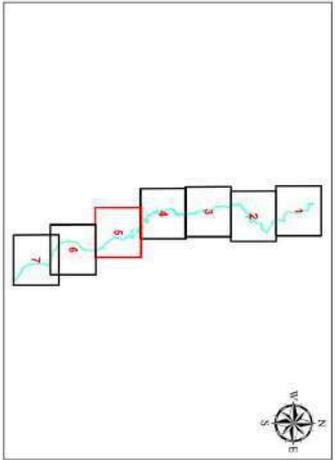
- Prominent Places
- Center Line
- Flood Lines - 26 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

<p>Vastanek Consultancy Services Pvt. Ltd. <i>(Consultant for Water Resources)</i></p>	
<p>Consultant</p>	<p>Project Engineer</p>
<p><i>R. Babera</i> Rajabaxmi</p>	<p><i>S. Anoop Singh</i> Nagaraju GIS Expert</p>
<p>Hydrology Expert</p>	<p>HOD</p>
<p><i>Sanjay Singh Parihar</i></p>	<p><i>Mansukh Mishra</i> Manmoh Mohany</p>
<p>Irrigation Department, Uttarakhand</p>	
<p>Assistant Engineer</p>	<p>Executive Engineer</p>
<p>Superintending Engineer</p>	



**25 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGA RIVER.**

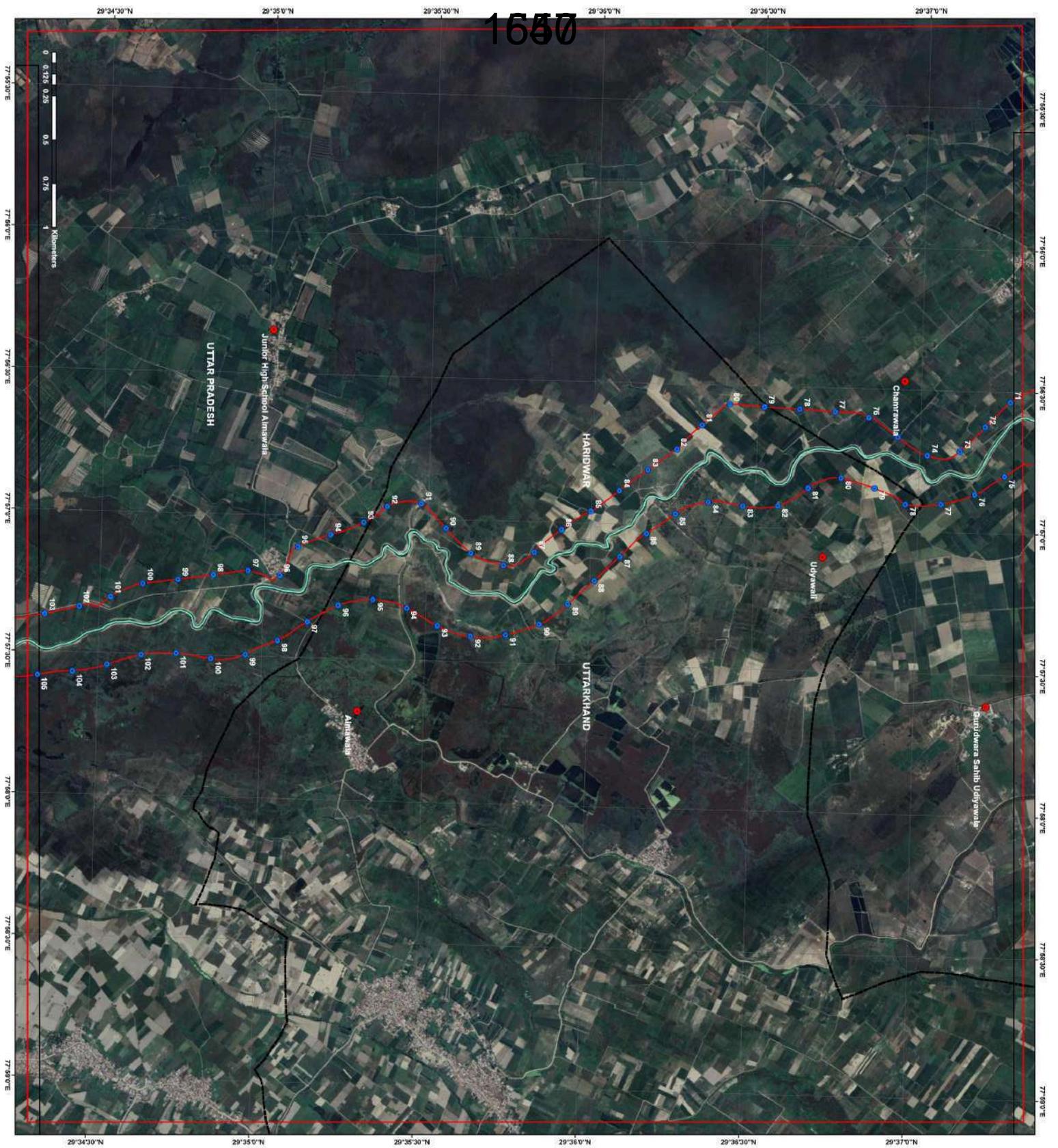


LEGEND

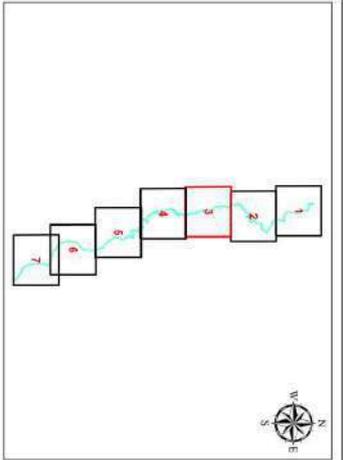
- Prominent Places
- Center Line
- Flood Lines - 25 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 <p>Vastek Consultancy Services Pvt. Ltd. <i>(Consultant for Water Resources)</i></p>	
<p><i>R. Babera</i> Project Engineer</p> <p><i>Sanjay Singh Parhar</i> Hydrology Expert</p> <p> Irrigation Department, Uttarakhand</p>	<p><i>g. Anoop Singh</i> GIS Expert</p> <p><i>Mamath Mohanty</i> HOD</p>
<p>Assistant Engineer</p> <p>Superintending Engineer</p>	<p>Executive Engineer</p>



**25 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**

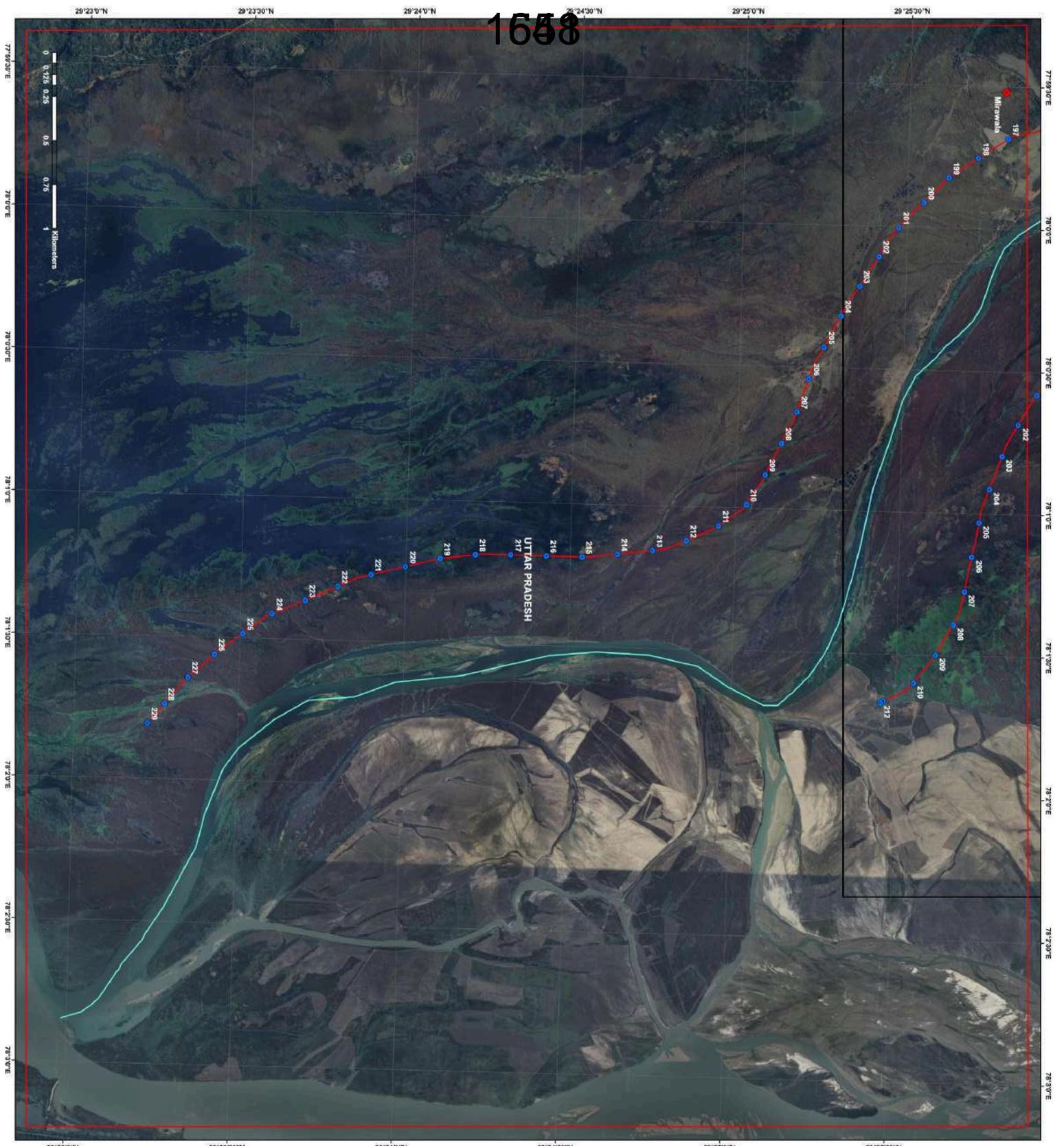


LEGEND

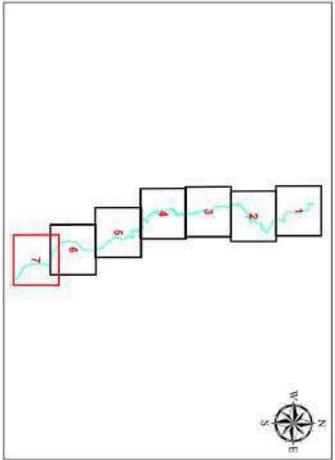
- Prominent Places
- Center Line
- Flood Lines - 25 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vastuconk Consultancy Services Pvt. Ltd. <small>(Consultancy for Water Resources)</small>		Consultant	
<p><i>R. Bhatia</i> Rajbhatni Project Engineer</p> <p><i>Sanjay Singh Parihar</i> Hydrology Expert</p> <p> Irrigation Department, Uttarakhand</p> <p>Assistant Engineer</p>	<p><i>Dr. Anoop Kumar</i> Nagaraju GIS Expert</p> <p><i>Mamata Mohanty</i> HOD</p> <p>Executive Engineer</p>	<p><i>Supr. Engg.</i> Superintending Engineer</p>	



**25 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**



LEGEND

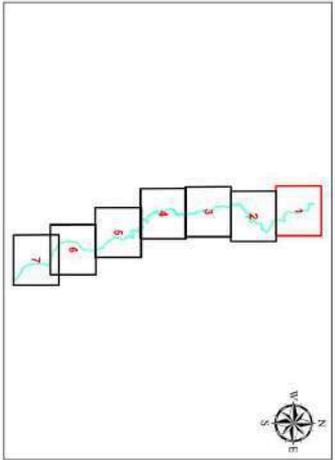
- Prominent Places
- Center Line
- Flood Lines - 26 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vistomtek Consultancy Services Pvt. Ltd. <small>(Consultant for Water Resources)</small>		Consultant	
 Rajabxmi Project Engineer	 Naagaraju GIS Expert		
 Sanjeev Singh Parthar Hydrology Expert	 Manmath Mohanty HOD		
 Irrigation Department, Uttarakhand		 Uttarakhand	
Assistant Engineer	Executive Engineer		
Superintending Engineer			



**25 YEARS FLOOD PLAIN ZONES
ALONG THE SOLANI RIVER
FROM UTTARAKHAND STATE BORDER
UP TO THE CONFLUENCE WITH GANGGA RIVER.**



LEGEND

- Prominent Places
- Center Line
- Flood Lines - 25 Years
- Interval Points - 200 Meter
- District Boundary
- State Boundary

Scale: 1:10,000

 Vastek Consultancy Services Pvt. Ltd. <small>(Consultant for State Government)</small>		Consultant	
R. Babera Rajabaxmi Project Engineer	 R. Babera Rajabaxmi GIS Expert		
 Sanjeev Singh Parihar Hydrology Expert	 Manmohan Mohany HOD		
 Irrigation Department, Uttarakhand		 UTTARAKHAND STATE	
Assistant Engineer	Executive Engineer		
Superintending Engineer			

महत्वपूर्ण

संख्या-689/2024/17 रिट/2024-27-सिं0-4-14(रिट)(एन0जी0टी0)/23

प्रेषक,

डॉ० अरविन्द कुमार चौरसिया,
विशेष सचिव,
उत्तर प्रदेश शासन।

सेवा में,

1. अपर मुख्य सचिव/प्रमुख सचिव,
नगर विकास विभाग,
उ०प्र० शासन।
3. अपर मुख्य सचिव/प्रमुख सचिव,
राजस्व विभाग,
उ०प्र० शासन।

2. अपर मुख्य सचिव/प्रमुख सचिव,
आवास एवं शहरी नियोजन विभाग,
उ०प्र०,शासन।
4. प्रमुख अभियन्ता एवं विभागाध्यक्ष,
सिंचाई एवं जल संसाधन विभाग,
उ०प्र०,लखनऊ।

सिंचाई एवं जल संसाधन अनुभाग-4 लखनऊ:

दिनांक: 27 दिसम्बर, 2024

विषय: मा० राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा ओ०ए० संख्या-632/2022 (I.A.No. 499/2024) श्री वी०के० त्यागी बनाम उत्तराखण्ड राज्य व अन्य में पारित आदेश दिनांक 15-10-2024 के अनुपालन में सोलानी नदी के फ्लड प्लेन जोन घोषित किये जाने के सम्बन्ध में।

महोदय,

उपर्युक्त विषयक मा० राष्ट्रीय हरित अधिकरण नई दिल्ली में विचाराधीन ओ०ए० संख्या-632/2022 (I.A.No. 499/2024) श्री वी०के० त्यागी बनाम उत्तराखण्ड राज्य व अन्य में मा० अधिकरण द्वारा पारित आदेश दिनांक 15-10-2024 एवं मुख्य अभियन्ता (जल संसाधन) कार्यालय प्रमुख अभियन्ता, सिंचाई एवं जल संसाधन विभाग, उ०प्र० के पत्र दिनांक 20-12-2024 का कृपया सन्दर्भ ग्रहण करने का कष्ट करें, जिसके द्वारा सोलानी नदी की 100 वर्ष के रिटर्न पीरियड की बाढ़ के आधार पर बाढ़ मैदान क्षेत्र के निर्धारण एवं सीमांकन हेतु अधिसूचना निर्गत किये जाने के सम्बन्ध में उपलब्ध कराया गया है।

2- मा. राष्ट्रीय हरित अधिकरण नई दिल्ली द्वारा ओ०ए० संख्या-632/2022 (I.A.No. 499/2024) श्री वी०के० त्यागी बनाम उत्तराखण्ड राज्य व अन्य में सोलानी नदी की 100 वर्ष के रिटर्न पीरियड की बाढ़ के आधार पर बाढ़ मैदान क्षेत्र के निर्धारण एवं सीमांकन किये जाने हेतु आदेश दिए गए हैं। मा० राष्ट्रीय हरित अधिकरण द्वारा दिनांक 8-9-2024 को पारित आदेश के प्रस्तर-18 में निम्न निर्देश दिये गये हैं:-

" 18. In the circumstances, we permit both the States to complete work of determination/demarcation of Flood Plain Zone of River Sonali within the area, river flows in both the States-----."

पुनः प्रश्नगत वाद में दिनांक 15-10-2024 को सुनवाई करते हुए मा0 राष्ट्रीय हरित अधिकरण द्वारा पारित आदेश दिनांक 15-10-2024 के प्रस्तर-4 में निम्न निर्देश दिये गये हैं:-

"4. In respect of area of river in State of UP, we are informed that survey of area of river in District Saharanpur will be completed by 15.11.2024 and in District Muzaffarnagar by 15.12.2024 and progress report shall be submitted at least two days before the next date."

3. मा0 राष्ट्रीय हरित अधिकरण द्वारा पारित आदेश दिनांक 15-10-2024 के अनुपालन में प्रमुख अभियंता एवं विभागाध्यक्ष सिंचाई एवं जल संसाधन विभाग द्वारा उपलब्ध कराये गए प्रस्तावानुसार सोलानी नदी की 100 वर्ष के रिटर्न पीरियड की बाढ़ के आधार पर बाढ़ मैदान क्षेत्र के निर्धारण एवं सीमांकन हेतु Coordinates (Latitude & Longitude) के आधार पर प्रदेश के सीमान्तर्गत निम्नलिखित जनपदों में फ्लड प्लेन जोन अधिसूचित किया जाना है:-

क्रमांक	जनपद	लांगीट्यूड एवं लैटिट्यूड
1.	सहारनपुर	संलग्नक-1
2.	मुजफ्फरनगर	संलग्नक-2

4- इस सम्बन्ध में मुझे यह कहने का निदेश हुआ है कि ओ०ए० संख्या-632/2022(I.A.No. 499/2024) श्री वी०के० त्यागी बनाम उत्तराखण्ड राज्य व अन्य में मा0 राष्ट्रीय हरित अधिकरण द्वारा पारित आदेश दिनांक 15-10-2024 के अनुपालन में सोलानी नदी की 100 वर्ष के रिटर्न पीरियड की बाढ़ के आधार पर बाढ़ मैदान क्षेत्र के निर्धारण एवं सीमांकन हेतु जनपद सहारनपुर एवं मुजफ्फरनगर में फ्लड प्लेन जोन के Coordinates (Latitude & Longitude)(प्रति संलग्न) के आधार पर फ्लड प्लेन जोन निर्धारित किया जाता है। इस सम्बन्ध में एन.एम.सी.जी, मा0 राष्ट्रीय हरित अधिकरण एवं विभिन्न मा0 न्यायालयों द्वारा समय समय पर पारित दिशा-निर्देश एवं आदेश प्रभावी होंगे।

5.उक्त निर्देशों का कड़ाई से अनुपालन सुनिश्चित किया जाये।

संलग्न-यथोक्त

भवदीय,

Signed by

(डॉ० अरविन्द कुमार चौरासिया)
Aaravind Kumar Chaurasia
Date: 26-12-2024 13:19:29
विशेष सचिव।

पृष्ठांकन संख्या-625/2024/17 रिट (1)/2024-27-सिं0-4-14(रिट)(एन0जी0टी0)/2023 -दिनांक 27 दिसम्बर, 2024

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. मुख्य सचिव, उ0प्र0 शासन।
2. अध्यक्ष राजस्व परिषद, प्रयागराज।
3. अपर मुख्य सचिव/प्रमुख सचिव, वन एवं पर्यावरण एवं जलवायु परिवर्तन विभाग, उ0प्र0 शासन।
4. अपर मुख्य सचिव/प्रमुख सचिव, भूतत्व एवं खनिकर्म विभाग, उ0प्र0 शासन।
5. अपर मुख्य सचिव/प्रमुख सचिव, औद्योगिक विकास विभाग, उ0प्र0 शासन।
6. अपर मुख्य सचिव/प्रमुख सचिव, कृषि विभाग, उ0प्र0 शासन।
7. सदस्य सचिव, प्रदूषण नियंत्रण बोर्ड लखनऊ।
8. आवास आयुक्त, उ0प्र0 आवास विकास परिषद, लखनऊ।
9. प्रमुख अभियन्ता (परियोजना), सिंचाई एवं जल संसाधन विभाग, उ0प्र0, प्रमुख अभियन्ता (परिकल्प एवं नियोजन) सिंचाई एवं जल संसाधन विभाग, उ0प्र0 एवं प्रमुख अभियन्ता (यांत्रिक), सिंचाई एवं जल संसाधन विभाग, उ0प्र0 लखनऊ।
10. संबंधित जनपद के जिलाधिकारी/वरिष्ठ पुलिस अधीक्षक/पुलिस अधीक्षक, उ0प्र0।
11. संबंधित जनपद के मुख्य कार्यकारी अधिकारी, औद्योगिक विकास प्राधिकरण, उ0प्र0।
12. संबंधित जनपद के विकास प्राधिकरण के उपाध्यक्ष, उ0प्र0।
13. संबंधित जनपद के प्रशासक/मुख्य नगर अधिकारी, नगर निगम/नगर पालिका, उ0प्र0।
14. संबंधित क्षेत्र के नगर पालिका परिषद/नगर पंचायत के अध्यक्ष, उ0प्र0।
15. समस्त विनियमित क्षेत्रों के नियत प्राधिकारी, उ0प्र0।
16. संबंधित क्षेत्र के अध्यक्ष, विशेष क्षेत्र विकास प्राधिकरण, उ0प्र0।
17. निदेशक, सूचना एवं जनसम्पर्क विभाग को इस आशय से प्रेषित की उक्त सूचना प्रदेश के व्यापक प्रचार-प्रसार वाले दैनिक समाचार पत्रों में प्रकाशित कराते हुए स्थानीय दूरदर्शन पर समाचार के माध्यम से प्रसारित कराने का कष्ट करें।
18. सिंचाई एवं जल संसाधन अनुभाग-2 को उपर्युक्त प्रस्तर-7 के अनुसार कार्यवाही सुनिश्चित किये जाने हेतु।
19. सिंचाई एवं जल संसाधन विभाग के समस्त अनुभाग।
20. मुख्य अभियन्ता(गंगा) सिंचाई एवं जल संसाधन विभाग, मेरठ।
21. गार्ड फाईल।

Signed by अमिता से,
Amit Pranav

Date: 26-12-2024 18:00:18
(अमित प्रणव)

संयुक्त सचिव ।



कार्यालय अधिशासी अभियन्ता
(सिंचाई एवं जल संसाधन विभाग)
सिंचाई निर्माण खण्ड, सहारनपुर।

EMAIL ADDRESS- esicdidupaa-up@nic.in
Phone No- 0132-2661746

पत्रांक: /सिनिखस/

दिनांक: -02-2025

विषय: माननीय राष्ट्रीय हरित अधिकरण नई दिल्ली में योजित शी0ए0 सं0-822 /2022 (I.A.No.499/2024) श्री वी0के0 त्यागी बनाम उत्तराखण्ड सरकार व अन्य में पारित आदेश दिनांक 15.10.2024 के अनुपालन में सोलानी नदी के फलड प्लेन जोन घोषित किये जाने के सम्बन्ध में।

सन्दर्भ: आपका पत्रांक: 7565 /सिकामस/दिनांक 29.01.2025

अधीक्षण अभियन्ता, सिंचाई कार्य मण्डल, सहारनपुर।

उपरोक्त विषयक सन्दर्भित पत्र का अवलोकन करने की कृपा करें। पत्र के सम्बन्ध में आप अवगतनीय है कि विशेष सचिव, सिंचाई एवं जल संसाधन अनुभाग-4, उ0प्र0 शासन, लखनऊ के पत्रांक: 689/2024/17रि/2024-27-सिं0-414(रि) एन0जी0टी0/2023 / दिनांक 24.12.2024 द्वारा सोलानी नदी का जनपद सहारनपुर व मुजफ्फरनगर में फलड प्लेन जोन निर्धारित किया जा चुका है। विषांकित प्रकरण के अनुपालन में सोलानी नदी के फलड प्लेन जोन के डिमार्केशन की कार्यवाही किये जाने के सम्बन्ध में निर्देशित किया गया है। उक्त के सम्बन्ध में अवगत कराना है कि, जारी गजट नोटिफिकेशन के सापेक्ष जनपद सहारनपुर में सोलानी नदी की 100 वर्ग रिटर्न पीरियड पर फलड प्लेन जोन के डिमार्केशन हेतु पिलर लगाने का कार्य दिनांक 07.02.2025 को पूर्ण किया जा चुका है।

संलग्नक- फोटोग्राफ्स

अधिशासी अभियन्ता
सिंचाई निर्माण खण्ड,
सहारनपुर।

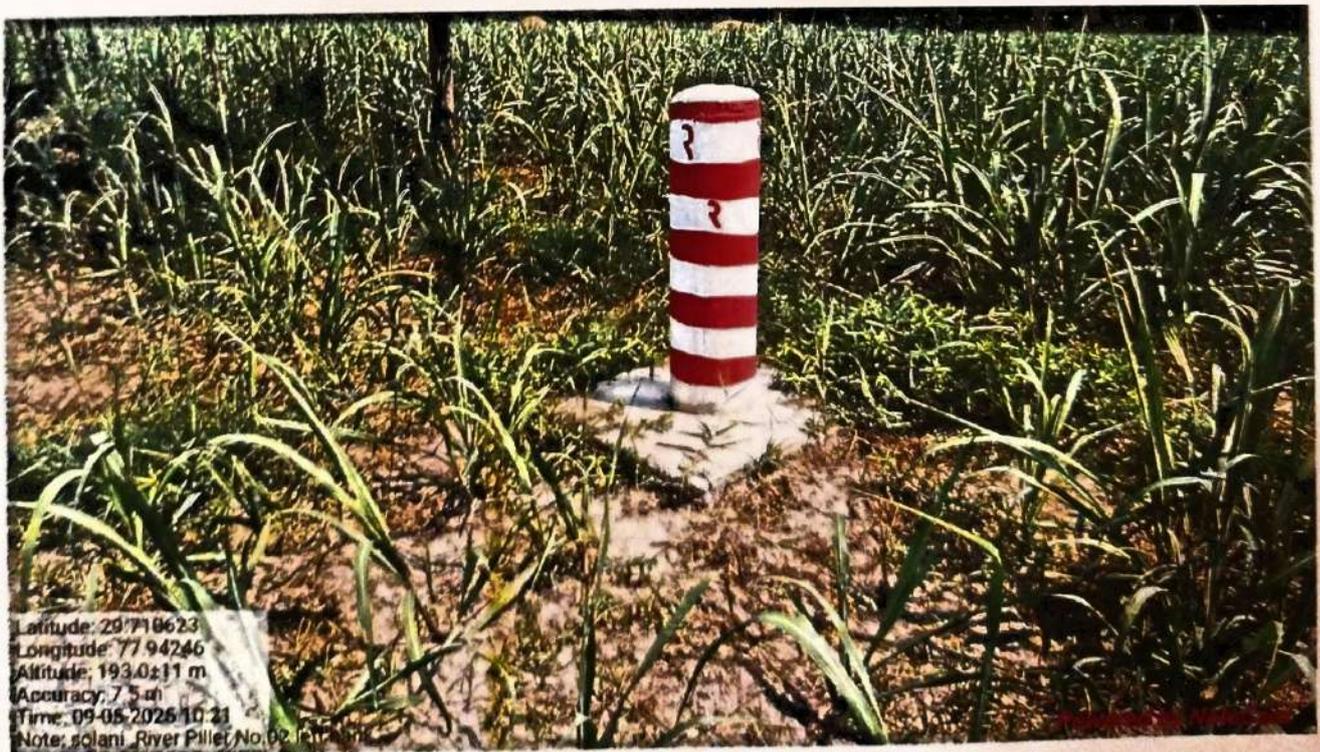
पत्रांक: 356 /सिनिखस/दिनांक: 17-02-2025

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

- (1) मुख्य अभियन्ता (यमुना), सिंचाई एवं जल संसाधन विभाग उ0प्र0 ओखता।
- (2) अधीक्षण अभियन्ता, गंगा नहर संचालन मण्डल, मेरठ।
- (3) अधिशासी अभियन्ता, ड्रेनेज खण्ड-प्रथम, मेरठ।
- (4) सहायक अभियन्ता-द्वितीय, सिंचाई निर्माण खण्ड, सहारनपुर को उनके पत्रांक 108/सहा0अभि0-द्वितीय/दिनांक 15.02.2025 के क्रम।

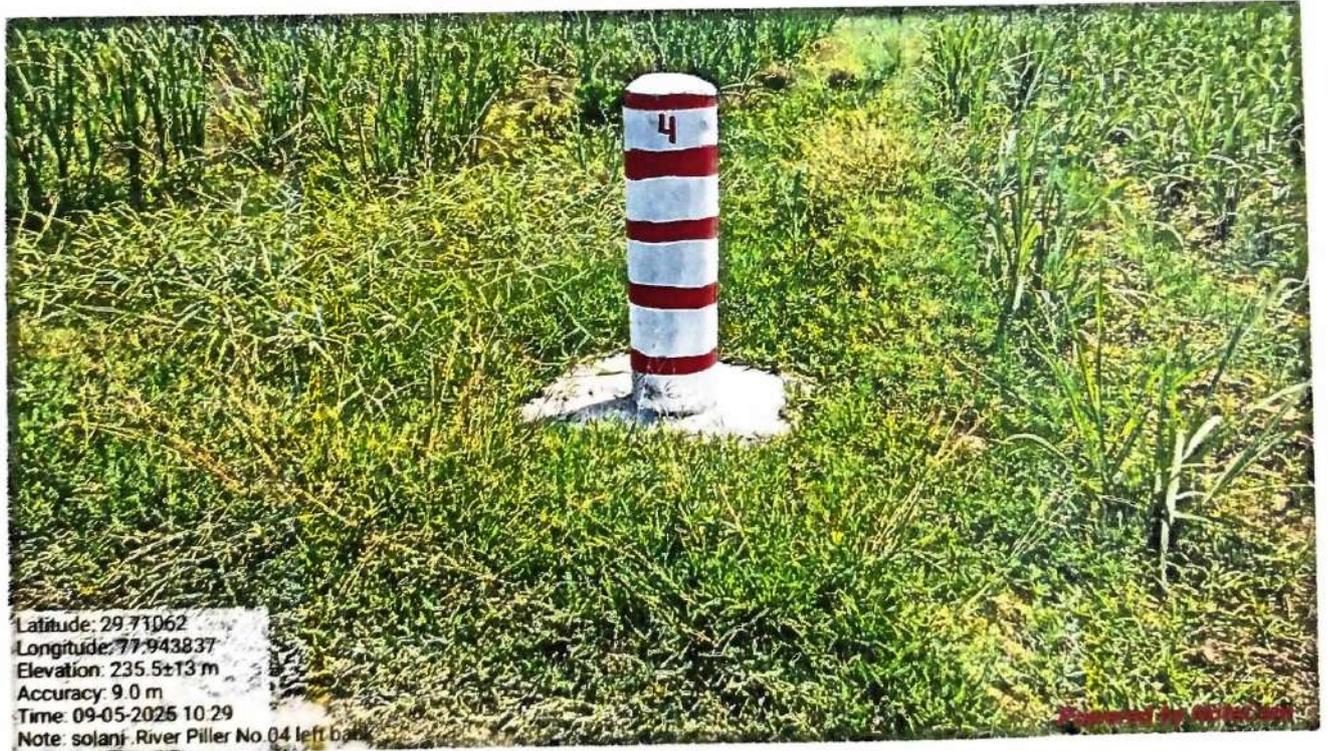
अधिशासी अभियन्ता
सिंचाई निर्माण खण्ड,
सहारनपुर।

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



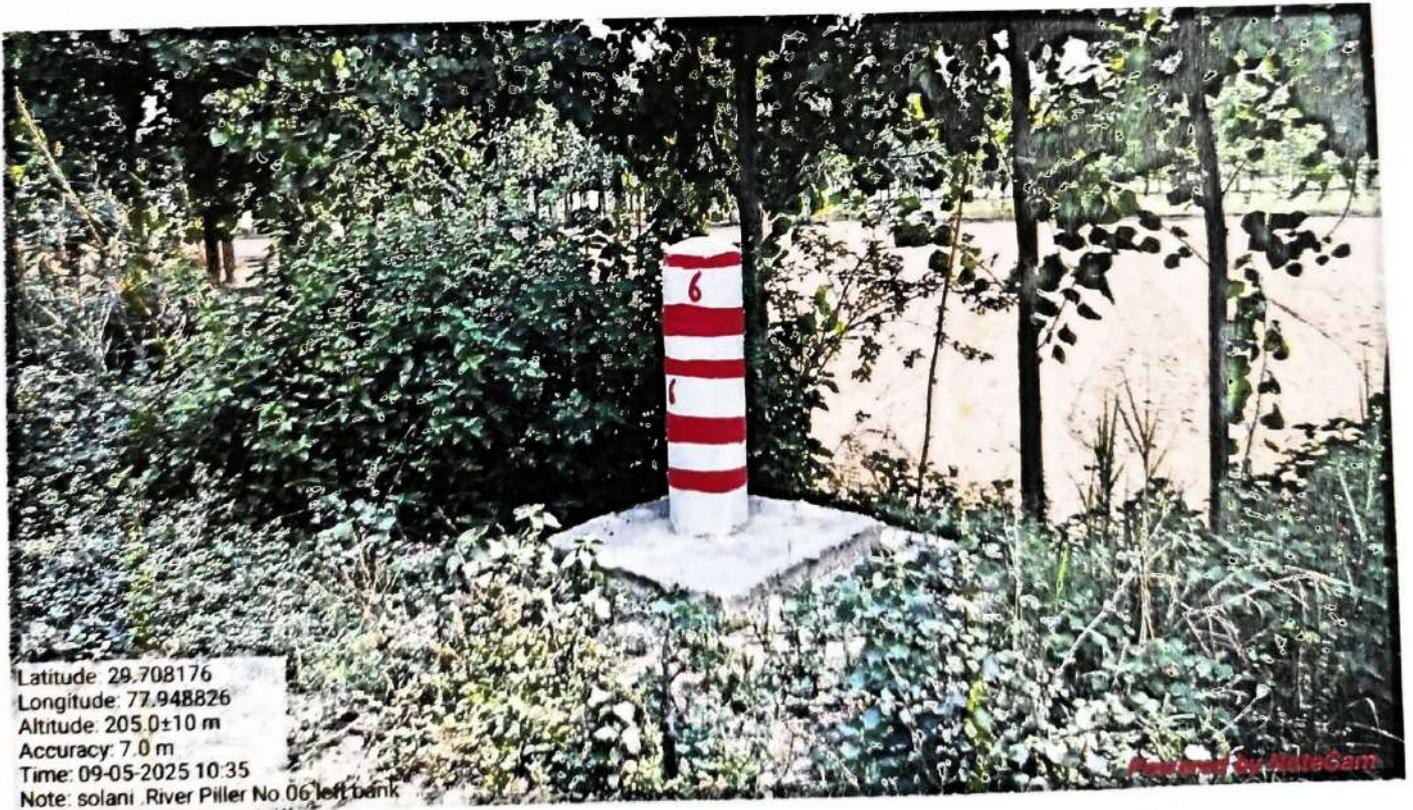
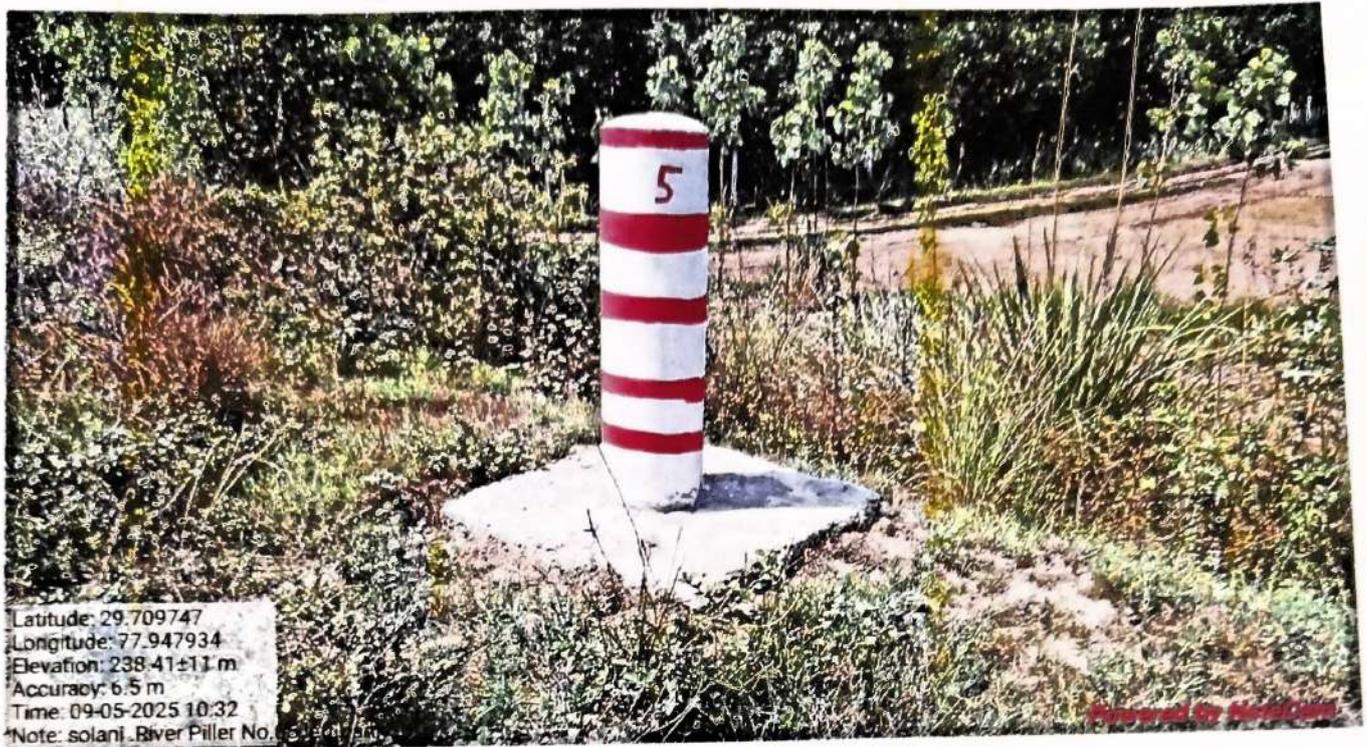
1655

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमाकेशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स

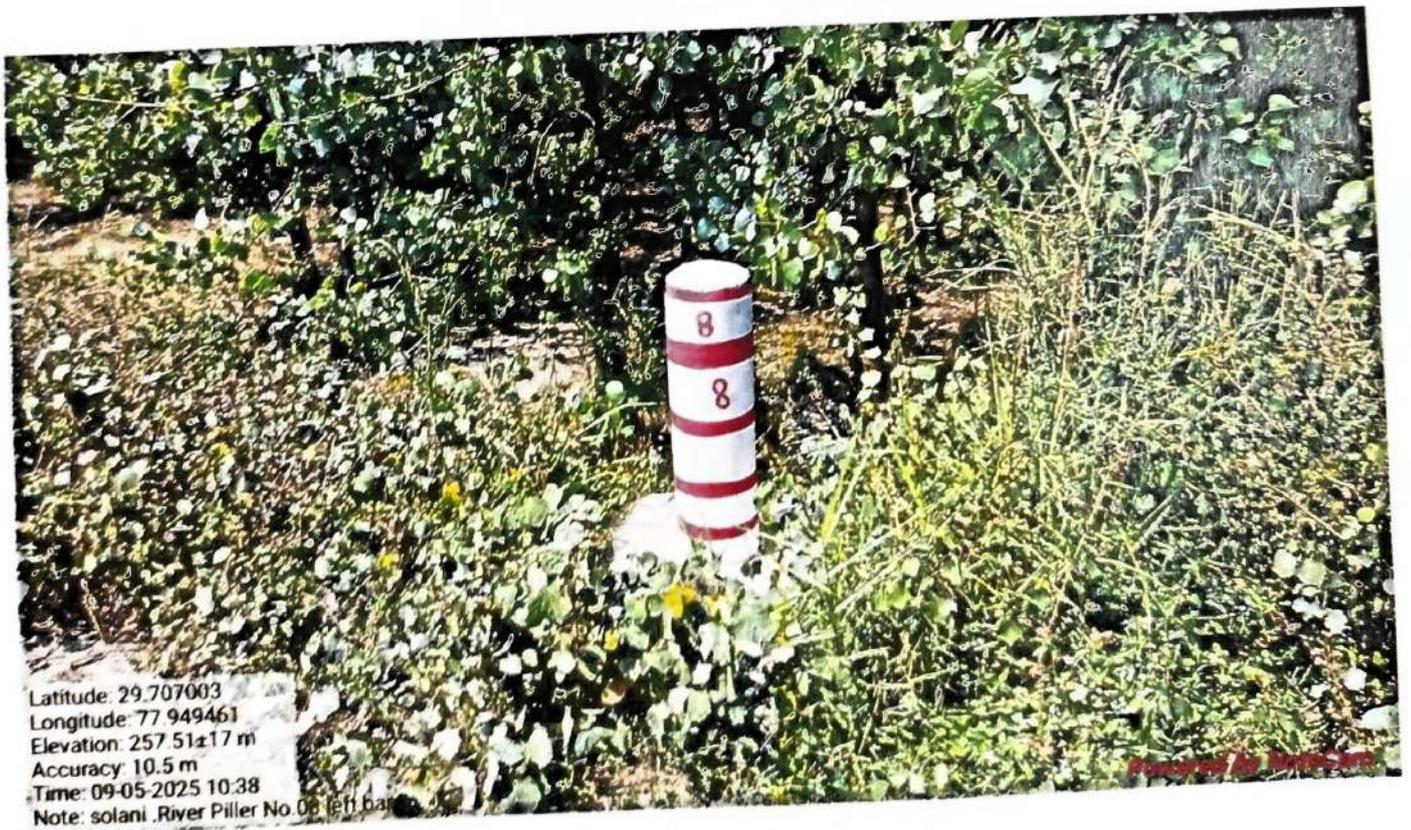


1656

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स

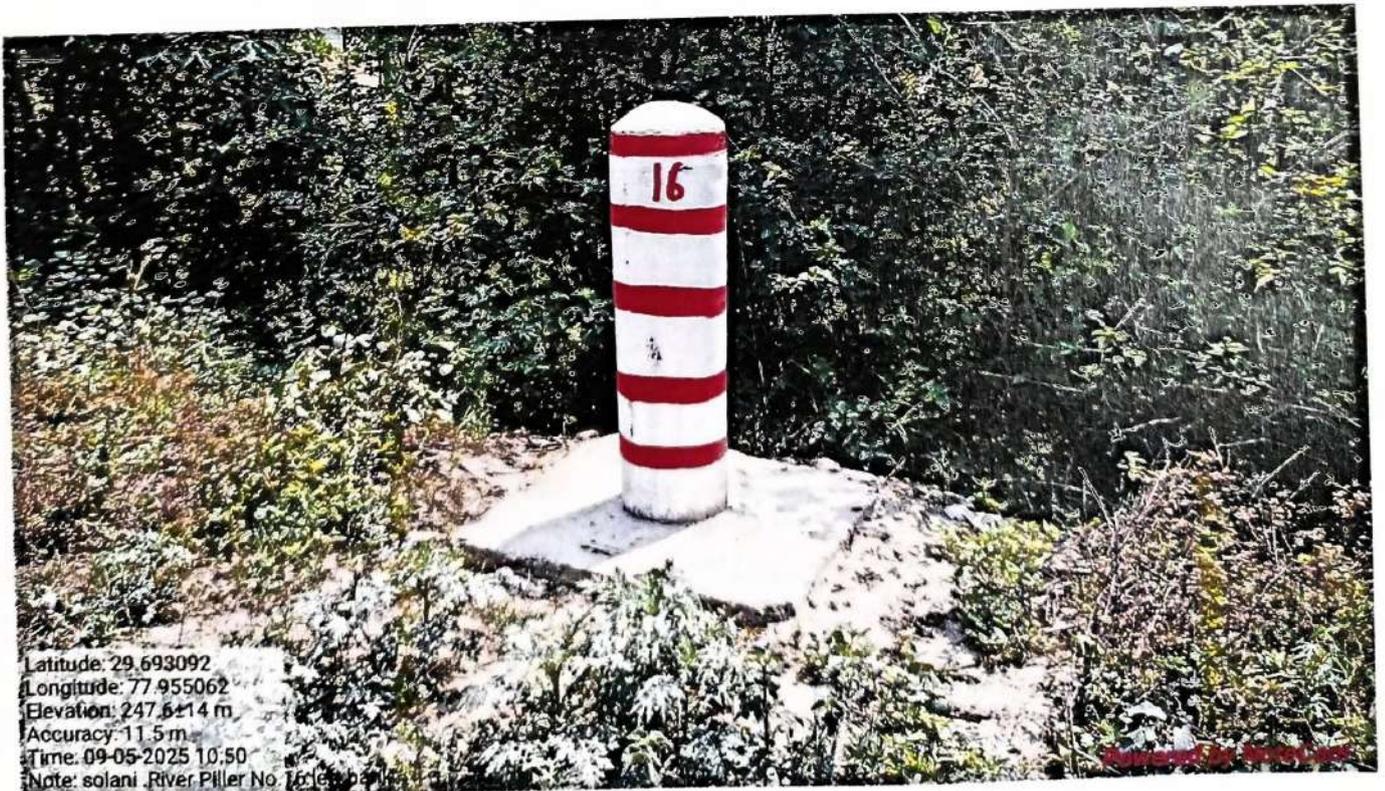
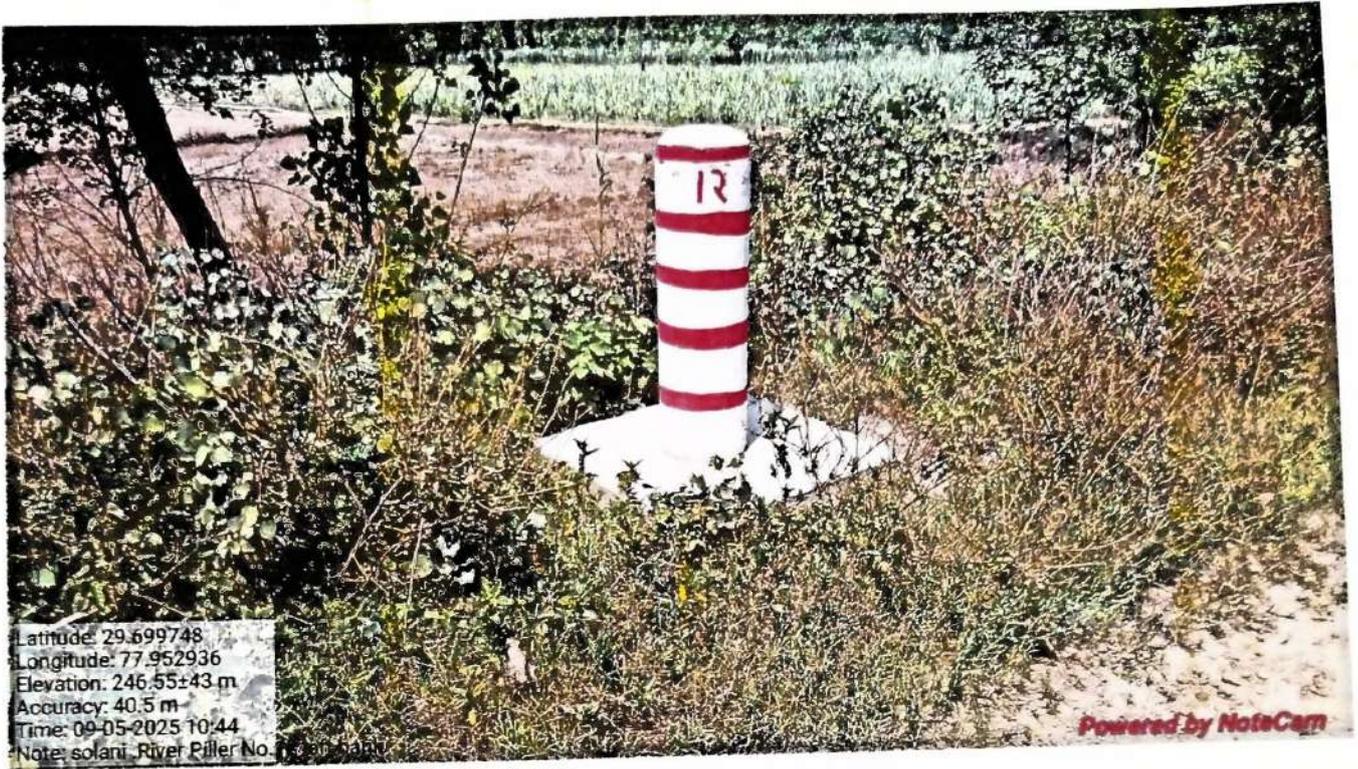


मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



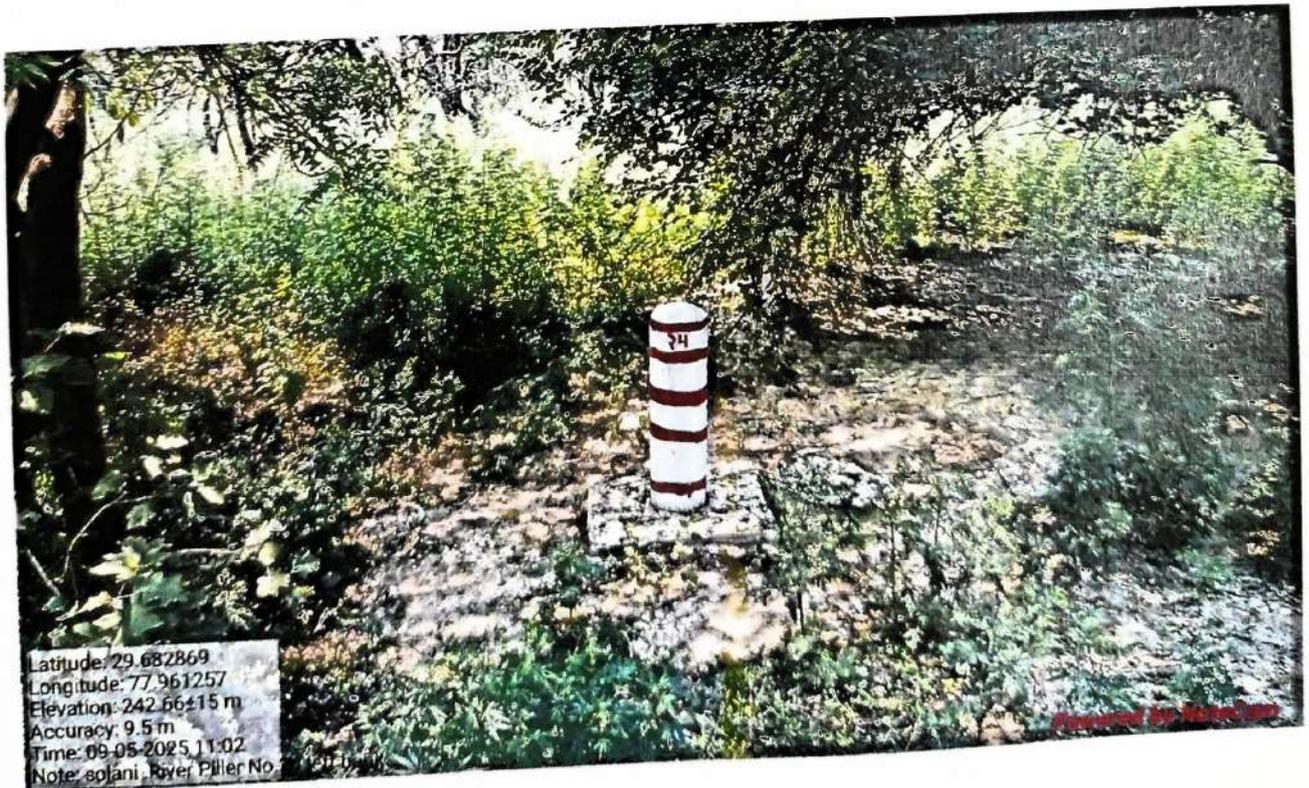
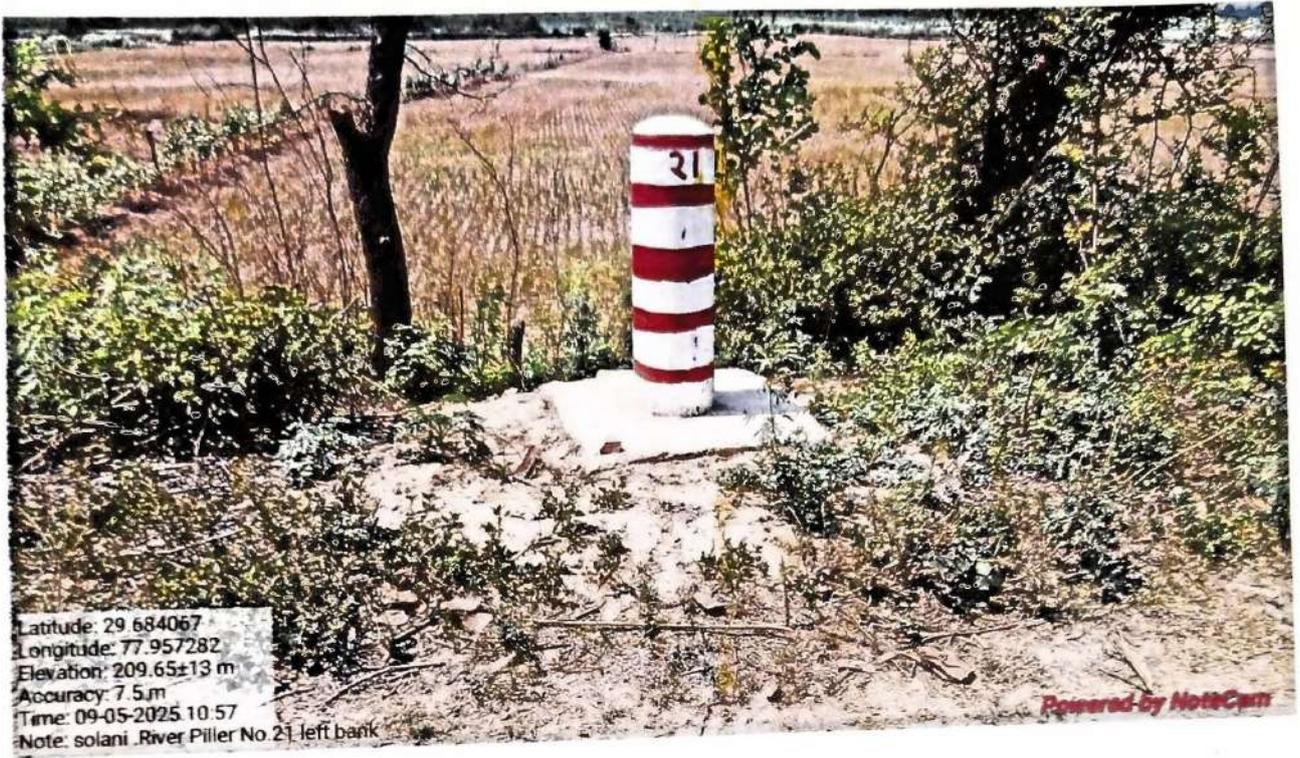
1658

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



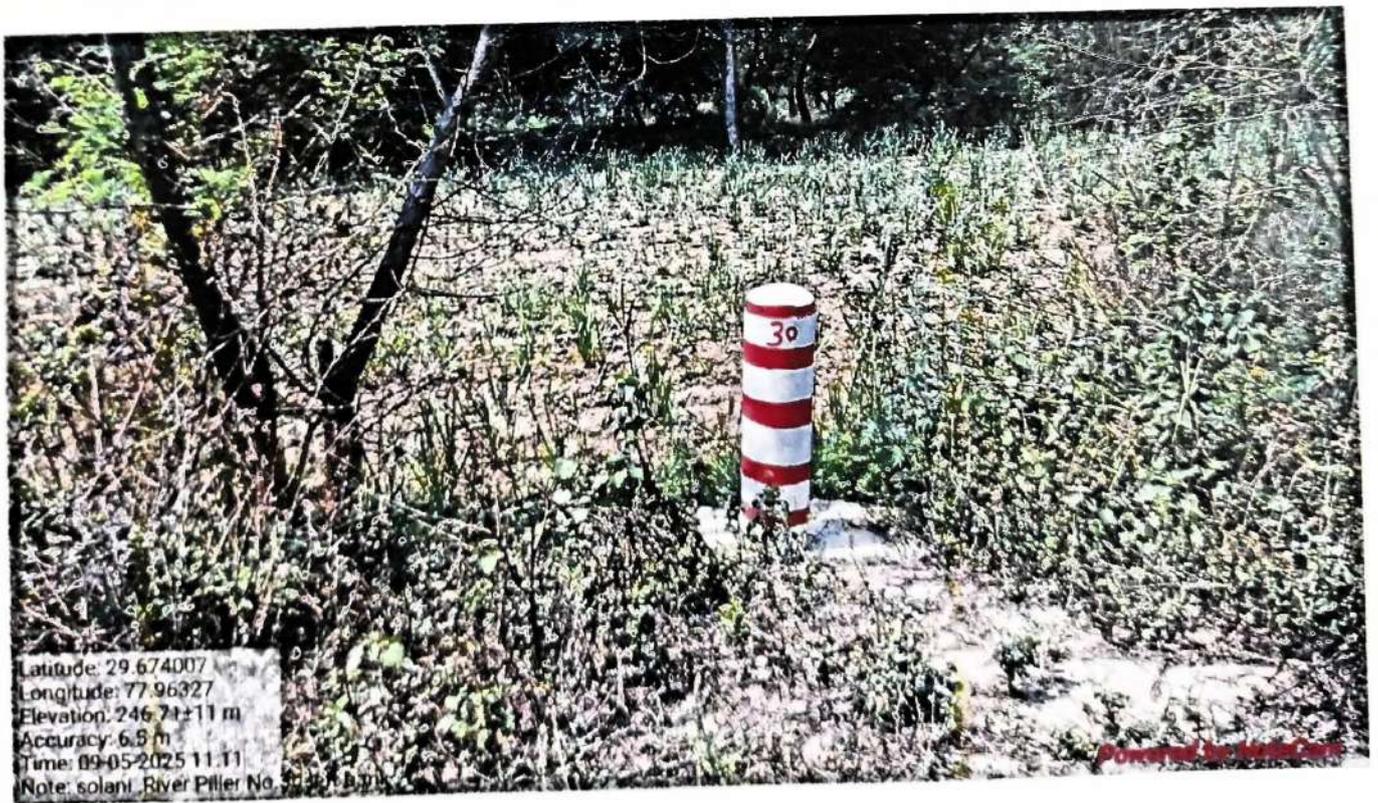
1659

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स

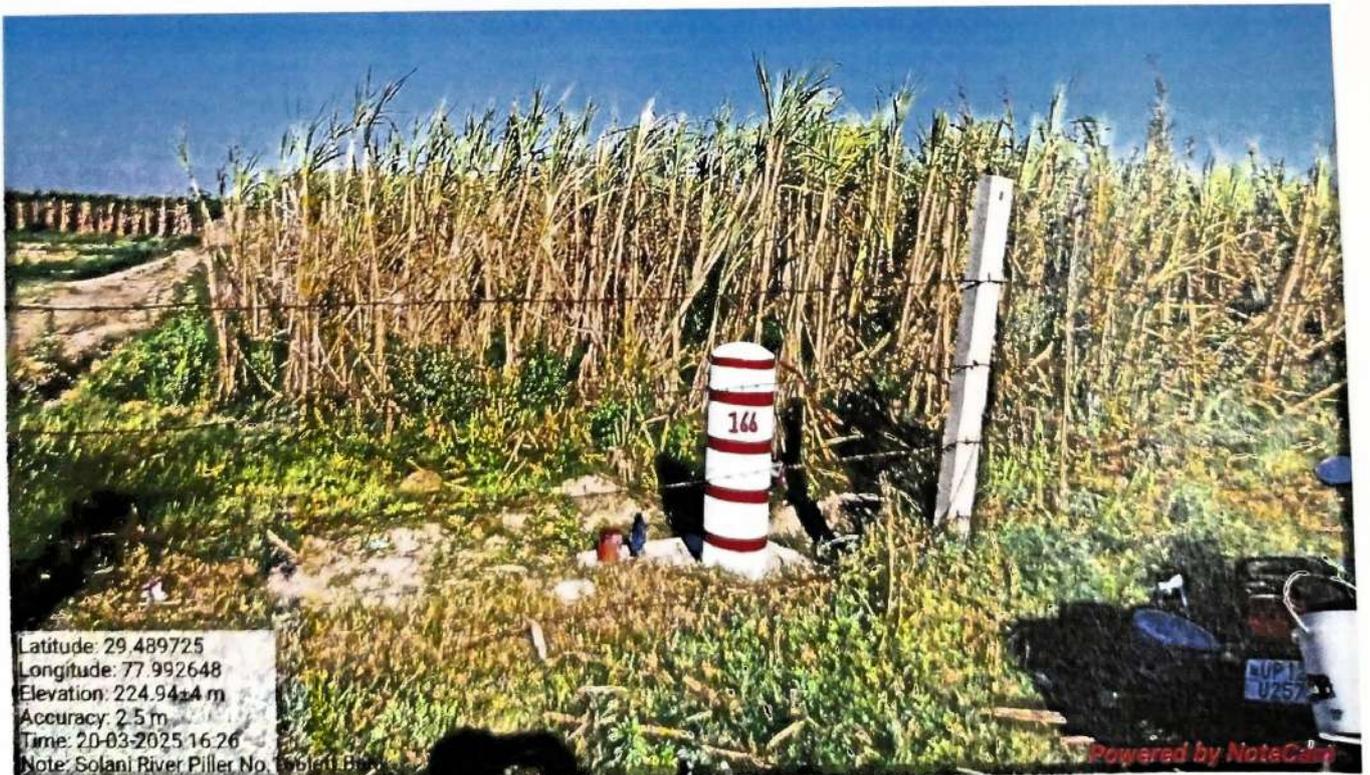


1660

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमाकेशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स

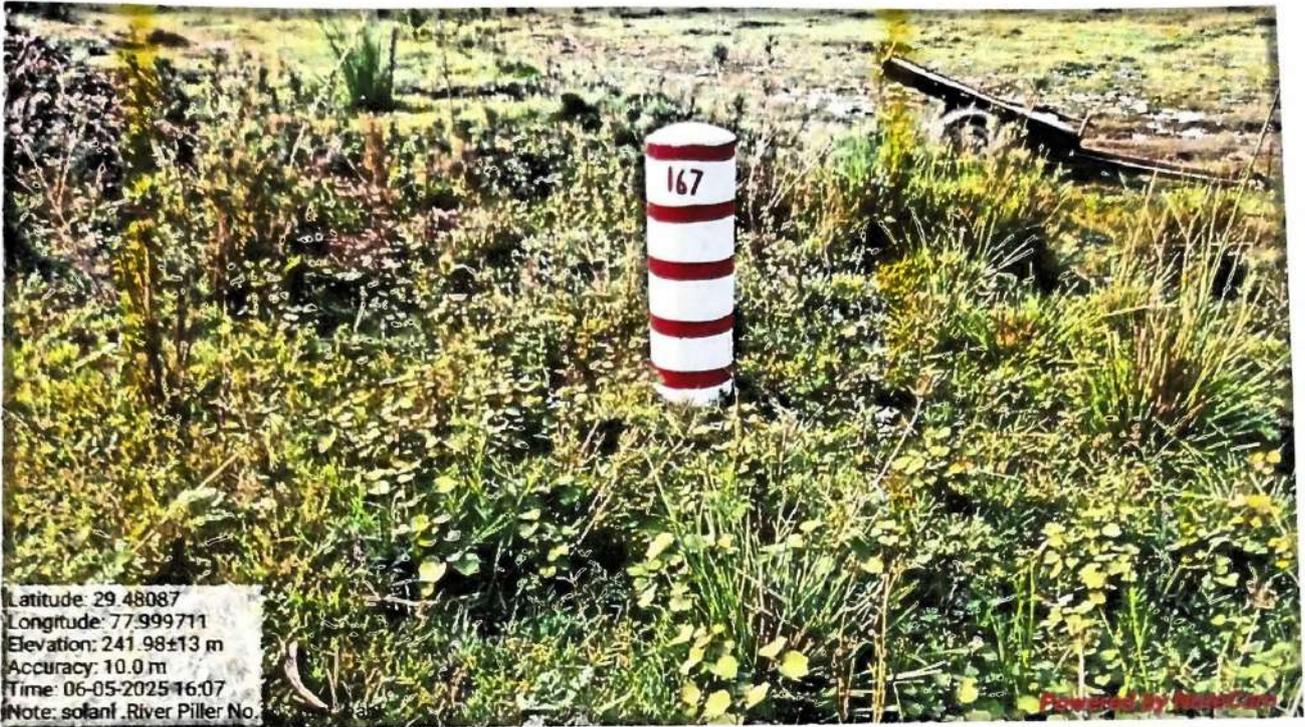


मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



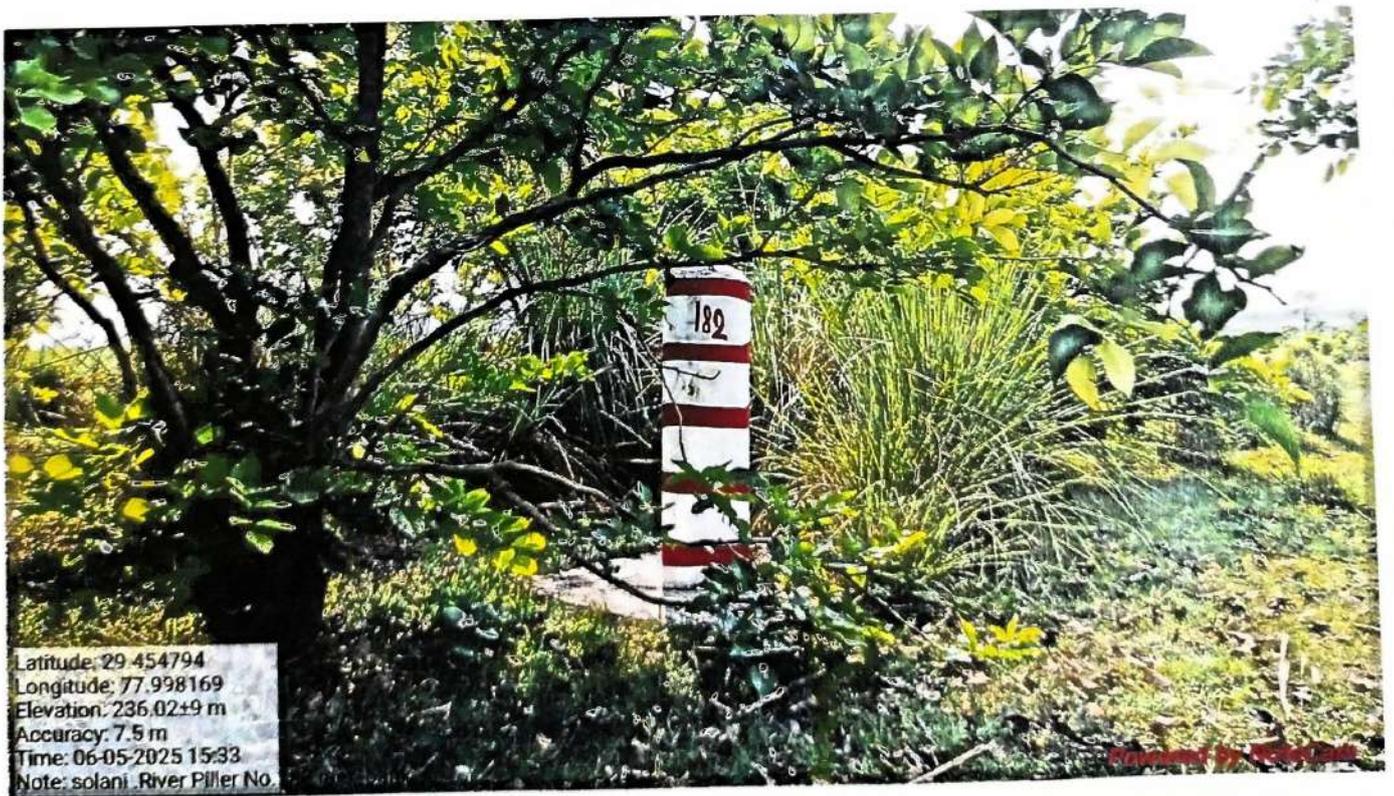
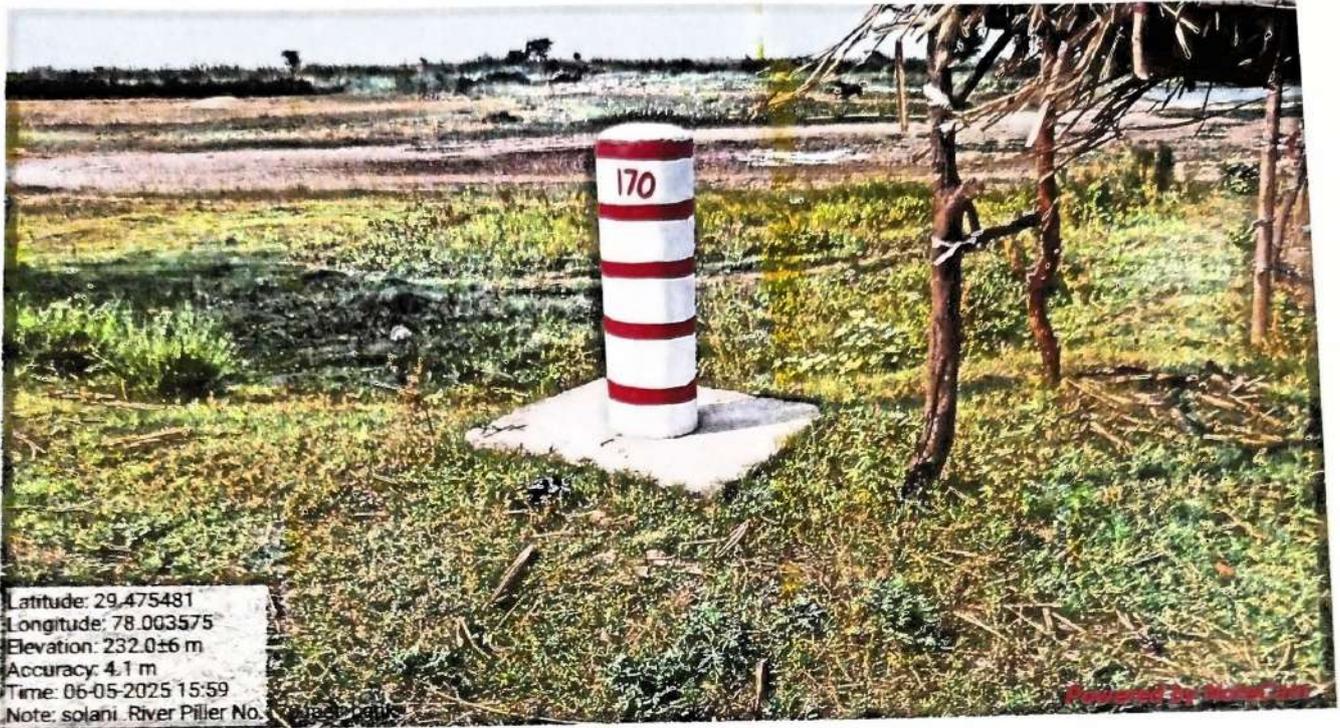
1662

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



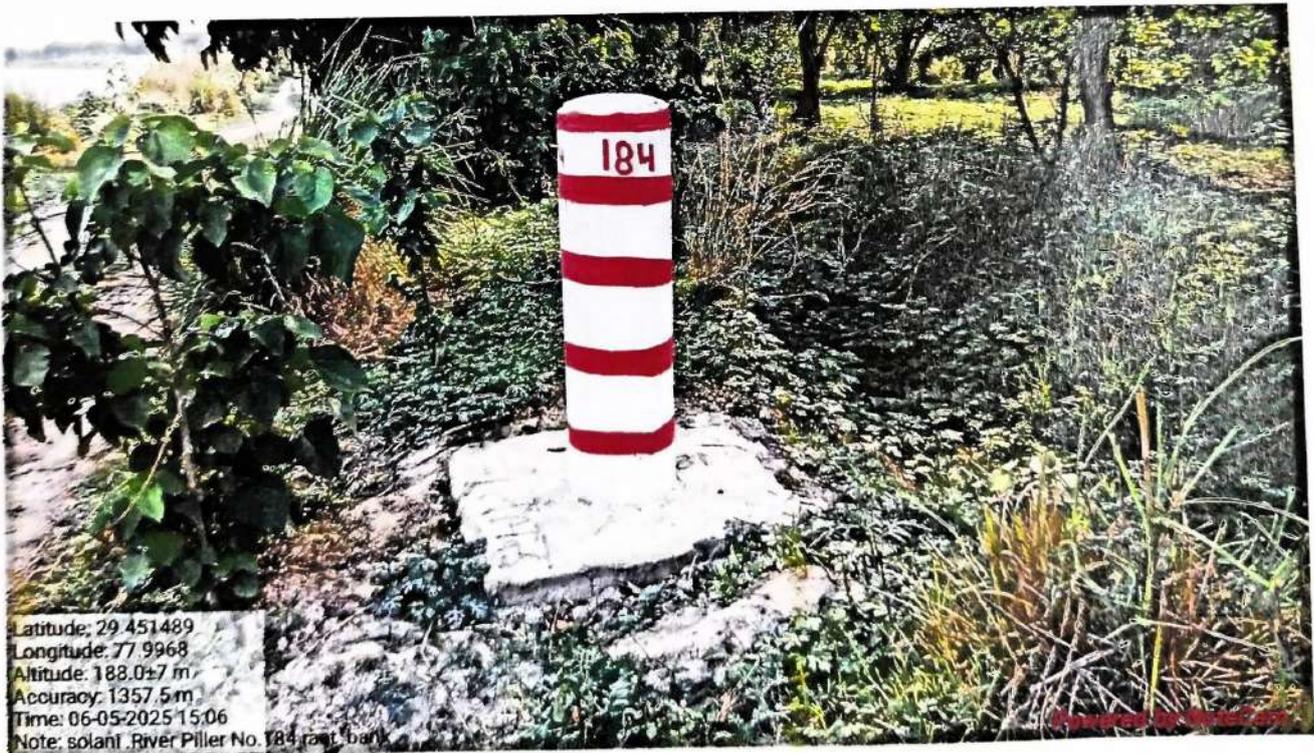
1663

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



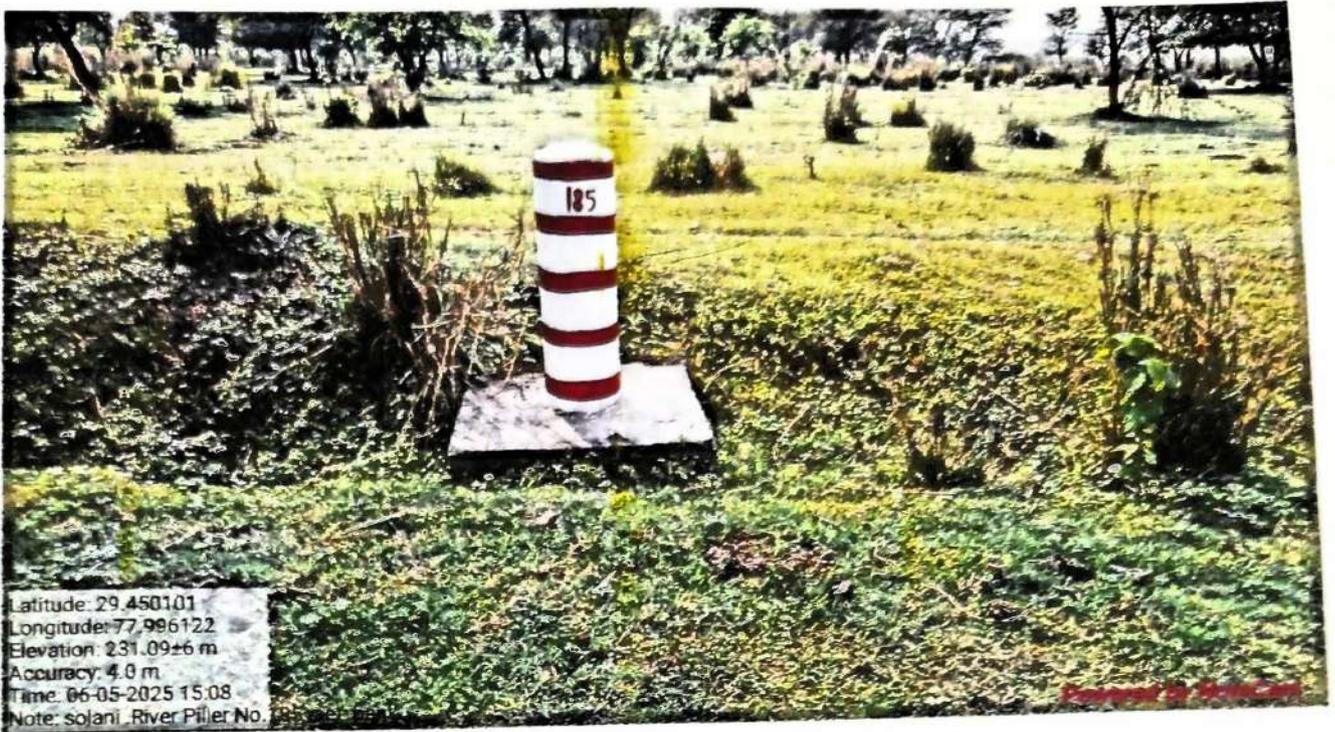
1664

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमाकेशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



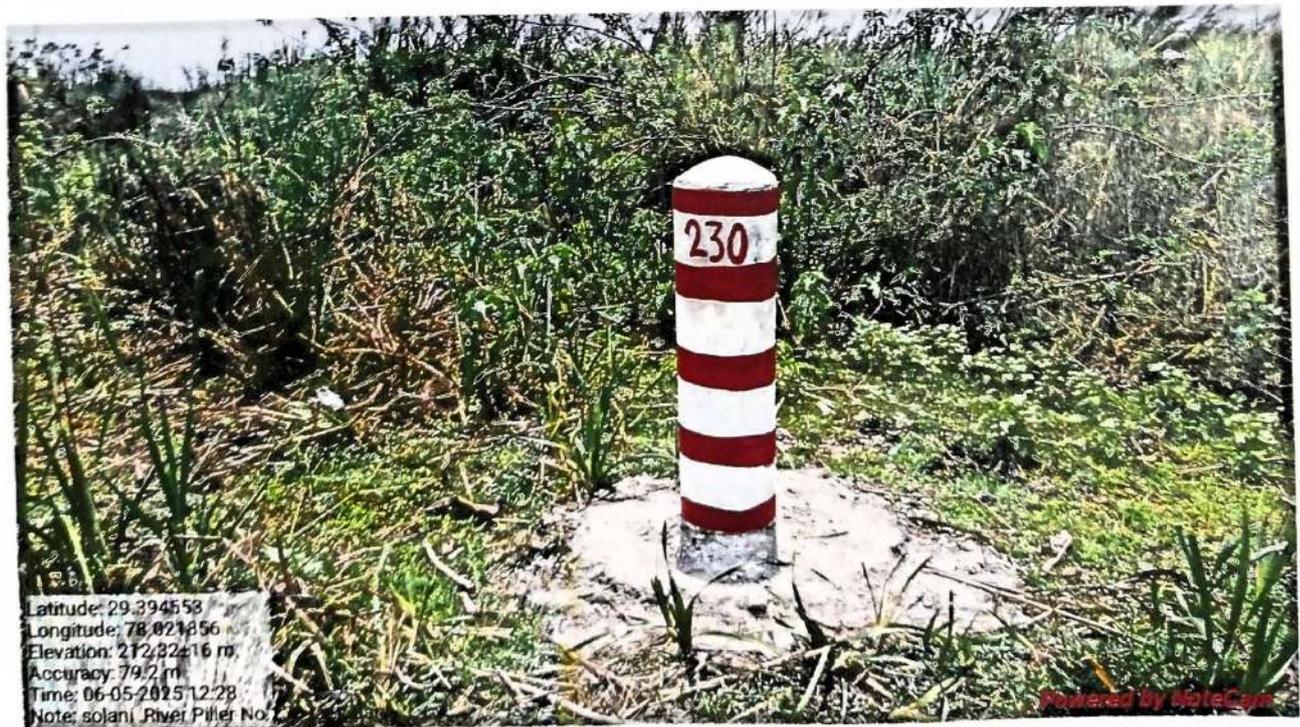
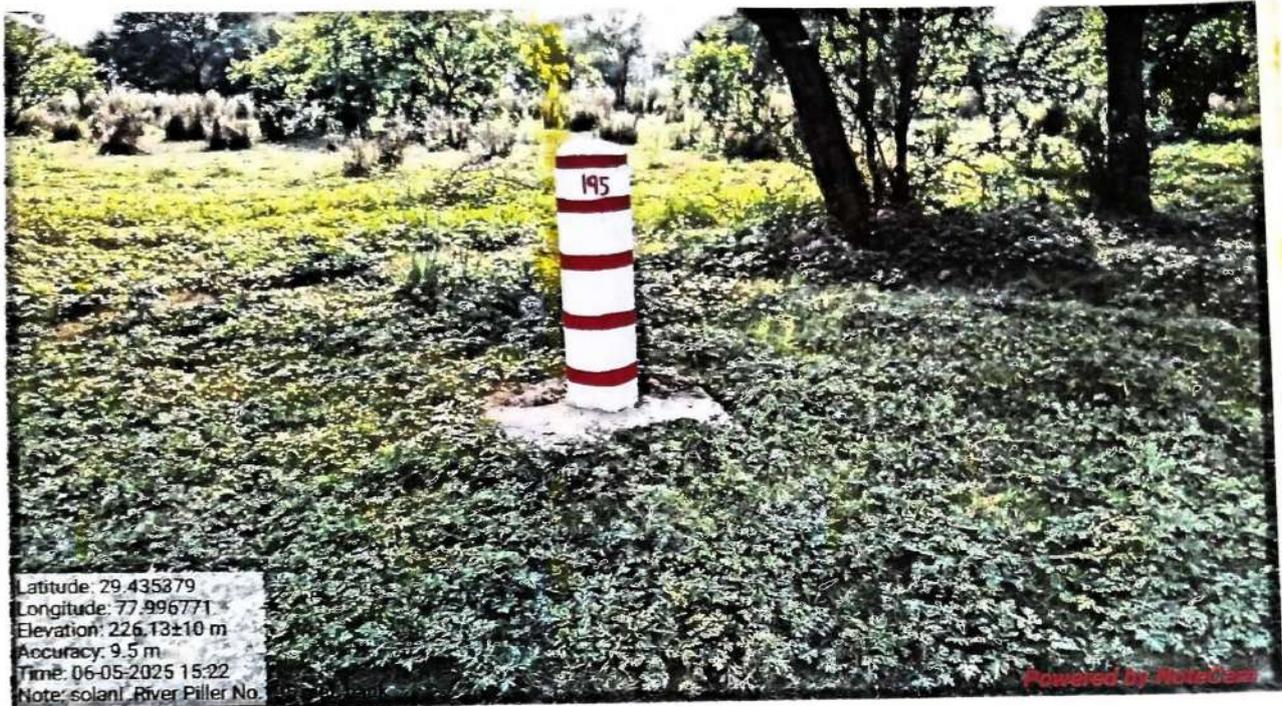
1665

मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



1666

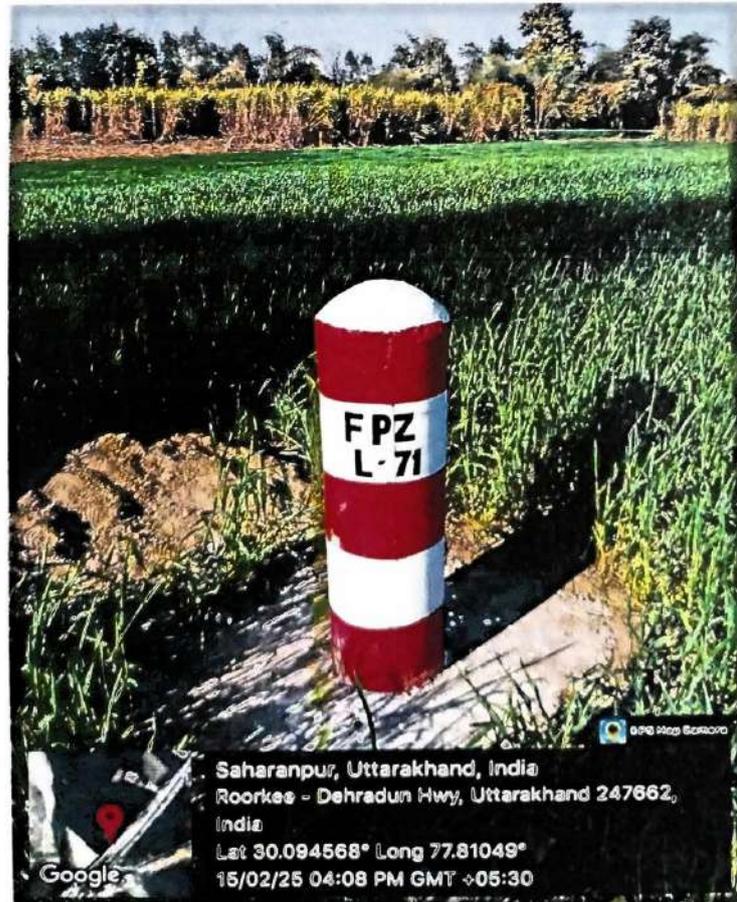
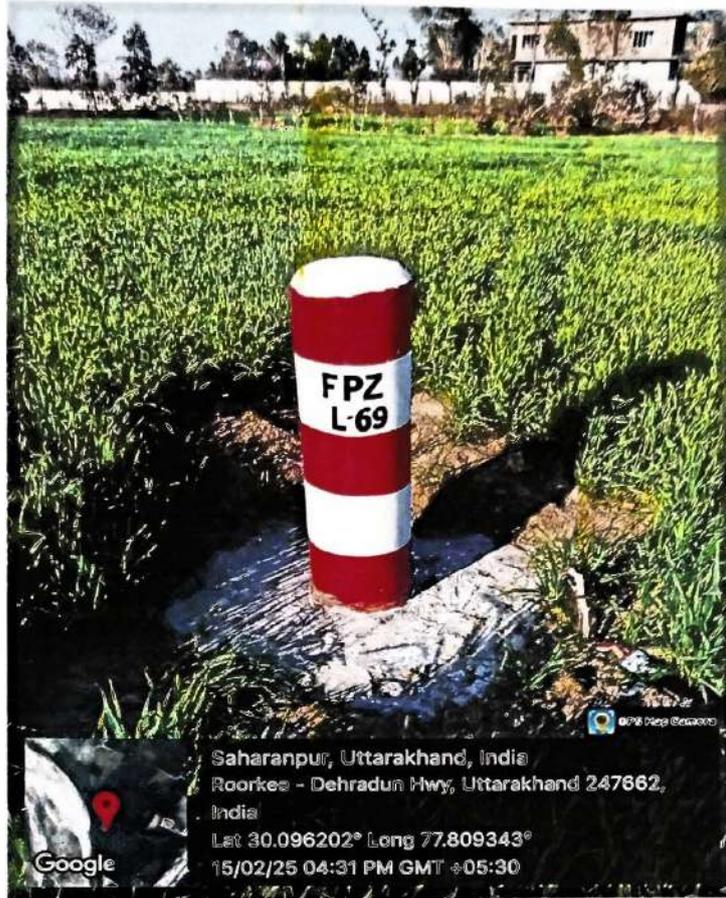
मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



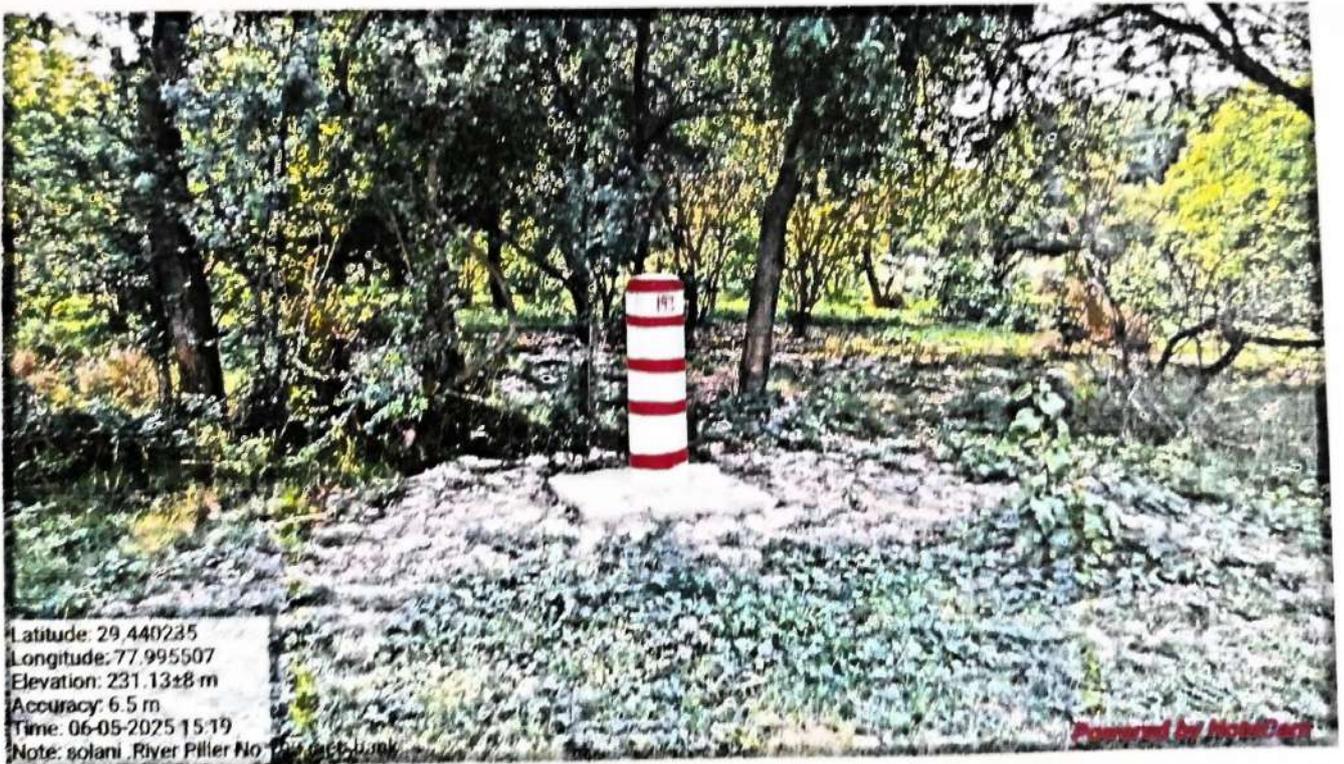
सहारनपुर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमाकेशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



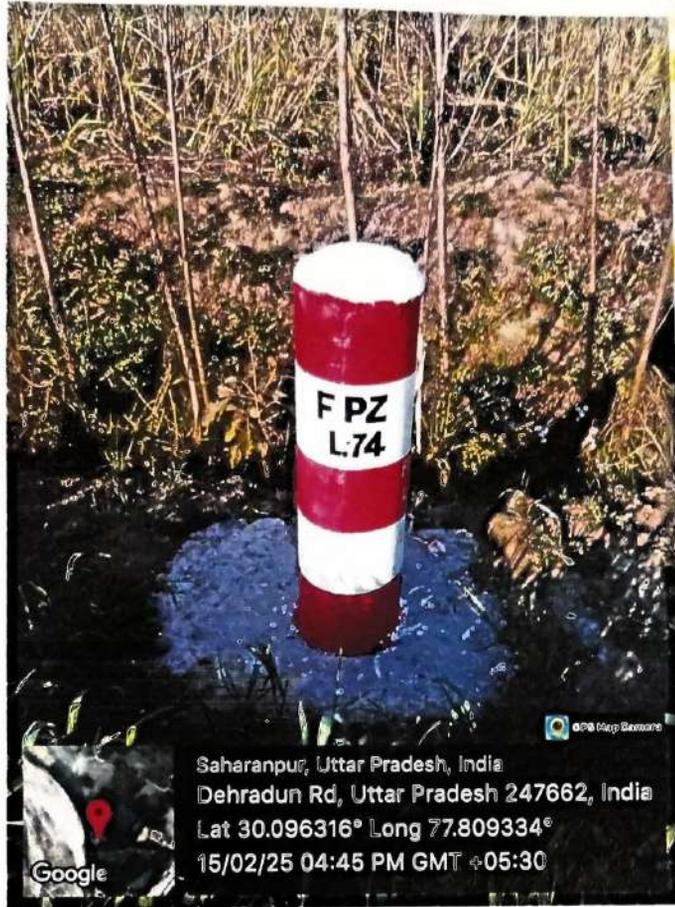
सहारनपुर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमाकेशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



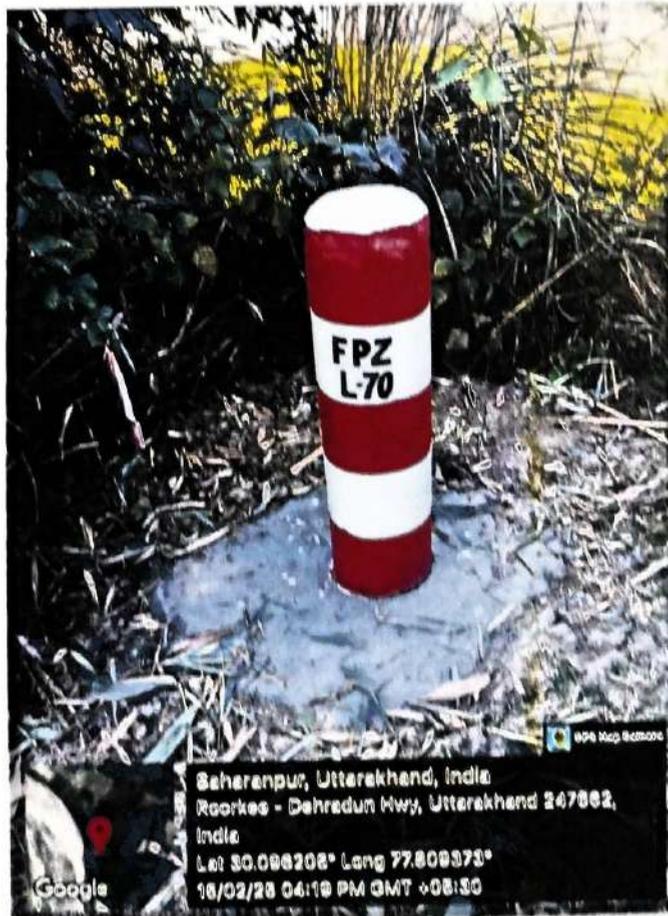
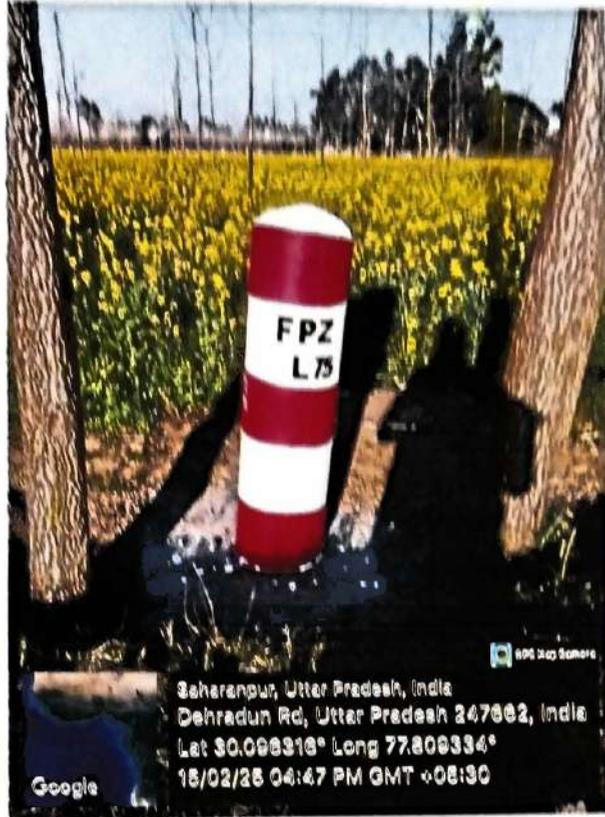
मुजफ्फरनगर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमाकेशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



सहारनपुर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ्स



सहारनपुर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमाकेशन हेतु पिलर का निर्माण कार्य के फोटोग्राफ



1672

सहारनपुर में सोलानी नदी की 100 वर्ष रिटर्न पीरियड के आधार पर फ्लड प्लेन जोन के डिमार्केशन हेतु
पिलर का निर्माण कार्य के फोटोग्राफ्स

