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# BEFORE THE NATIONAL GREEN TRIBUNAL PRINCIPAL BENCH, NEW DLEHI

Original Application No. 145 of 2015

#### IN THE MATTER OF:

## D. K JOSHI VS. UNION OF INDIA & ORS

# REGISTRAR GENERAL'S / COMMISSIONER'S REPORT (Second Report)

#### (A) TERMS OF REFERENCE:

Vide order dated 15/09/2016 as passed by the Hon'ble Tribunal, undersigned was re-appointed as a Local Commissioner to carry out inspection in the Yamuna Flood Plains situated at Agra, U.P with the direction to file a complete and comprehensive report in respect of remaining 13 builders falling in Category "A" of the list placed on record. The inspection dates were fixed as 23rd & 24th September, 2016 and the manner of inspection was directed to be conducted in similar manner as the previous one with the direction to take measurement from flood plain line or pillar or both as may be best possible.

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#### (B) THE PROCEEDINGS:



- i) In terms of the Hon'ble Tribunal order dated 15/09/2016 the undersigned visited the city of Agra on 23/09/2016, at 10.00 A.M and interacted at the first instance with the officials of Irrigation and Flood Control Department, State of U.P, U.P Pollution Control Board, U.P Revenue Department, department officials of U.P Jal Nigam, Agra Development Authority, Counsel for Aparna River View, Ganpati Wonder City, Project proponent, were also preset and various departments to understand the minor details of the subject matter. The undersigned has then carried out necessary inspection on the Yamuna Flood Plains on 23.09.2016 and 24.09.2016 and also carried out the necessary measurement of various points referred to in the Hon'ble Tribunal order dated 15/09/2016, by using measurement equipments provided by U.P Irrigation and Flood control Department.
- Before proceedings further it would be worthwhile to mention the ii) procedure by which the flood plain has been demarcated and the flood plain pillars are being fixed by the irrigation department, UP. The Flood Plain level of river Yamuna in Agra are ascertained with respect to the year 2010 which happens to the year in which the flood level were maximum and recorded as 152.52 meters (Reduced level above mean sea level). The same is calculated at Central Water Commission(CWC) gauge site situated at Poiya Ghat on the right bank of river Yamuna. At Central Water Commission gauge site 155.0 metres (Reduced level above mean sea level is marked as 9 meter hence, showing data to be 155.0 - 9.0 = 146.0 in simple words, the base level of river Yamuna is taken to be 146.0 on any given day. Now, once this 146.0 meters is taken as the base level of river Yamuna the day to day level of river Yamuna is measured with gauge fixed at various points on the banks of Poiya Ghat and whatever figure of the day comes is added to the aforesaid 146.0 meters. This reading from the gauge







so added to 146.0 metre gives data in respect of water level of the river at any particular date and time. To illustrate as on 24/09/2016. The day of inspection the water level gauge is measured as 1.78 meters thereby giving the reduced level to be 146.0 + 1.78 therefore becoming 147.78 meters. Now this level is taken as a reference level for the day. The difference between water level and the flood level of river Yamuna when compared to 2010 figures will come out to be 152.52 - 147.78 meters = 4.74 meters. Now, this 4.74 meters from tip of the measurement scale used at river is used to calculate the flood plain level by use of the measurement scale which in this case on the day of inspection would be fixed at a level of 4.74 meters. To ascertain the same on the flood plain so as to fix a pillar or to determine the same for ascertaining the boundary of flood plains this figure will be transferred from the tip of the river to the plains by use of a telescopic apparatus called "Level Machine" and the Measurement Scale on the other side. This is how the flood plain line of river Yamuna at Agra is calculated and the flood plain pillars are fixed.

- iii) As already mentioned in the last report there are a total number of 103 pillars / markings which the details of which are mentioned in **Annexure "A"** where "R" indicates the right bank of the river and "L" indicates its level bank the Alphabet "D" or "U" respectively indicates the down streams and up streams of the river. Wherever the pillars cannot be fixed, marking has been made on the existing structure/buildings and the same is referred to as with Alphabet "M". The pillars/markings so made as the river banks are indicated in the site map **(Annexure "B").**
- iv) It would be worthwhile to point out at this juncture that generally the flood plain levels will remain static if they are on original flood plains but if debris/Malba is filled on the site the flood plain pillar will shift towards the river. This may give room to people / project proponents to extend their construction towards the river and sometimes  $\rho_{\rm R}$  flood plains







of river Yamuna. As a matter of precaution to maintain the sanctity of the flood plain pillars so that they are not uprooted in future or changed by filling malba/debris the undersigned has directed the longitude and latitude of the aforesaid pillars to be specified which has also been specified except in certain cases in <u>Annexure – "A"</u> itself now. The specific indications about the pillar has been respectively mentioned in the report at appropriate places.

The most important observation whether the flood plain pillars V) actually indicate the flood plain line is also required to be mentioned here. It may be seen that presently flood plain pillar/markings are generally fixed at a distance of 150 to 200 meters which in one way do not reflect the flood plain levels of river Yamuna at Agra with exactitude . This is particularly important in the wake of the fact that the flood levels on Yamuna banks cannot be treated as a flat structure and wherever there is a shallow area, the flood plain pillar will shift at much distance away from the river thereby covering a number of constructions. It is also pertinent to mention that the no straight line can be drawn between two pillars for the purpose of exact ascertainment of the flood plain in view of the aforesaid fact and therefore the flood plain line when taken with respect of flood plain pillars are seriously affected by both the factors namely is uneven level of the plain on the banks of river Yamuna and filling of garbage/mud on the site. Ideally the flood plain pillars are required to be fixed at the shortest possible distance and in no case beyond the distance of 10 meters from each other so as to give a comparatively clear picture of the entire flood plain line. This observation shall have strong reference in the instant case since the projects which have been situated in close proximity to the line between these flood plain pillars may be actually coming within the flood plain line when a measurement with such a exactitude is taken. The report of the undersigned shall contain the observations in its subject wise report.

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#### **SUBJECT WISE REPORT IS AS UNDER:**

Distance of various points, distance after inspection taken from various reference points in respect of remaining 13 projects referred to the Tribunals order dated 15th September, 2016; is as under.

#### Distance in meters.

1. Taj View Apa	rtment, Kha	sra No. 20/86	5/1-9, Yamuna Kinara Ro	oad. Agra
Ref. No/point	From edge of river and Ref. Point	From ref point to boundary	From Boundary wall to the edge of constructed building	
Point between RD 36 and RD 37 (50 meters from RD 36 and 150 meters from RD37	5.6	58.2	33.6	
RD 37 (Diagonal Boundary)	5.6	81.3	33.6	Taken only for reference not actual distance from Flood Plain Line

#### Other observations:-

- The measurement point is in between two pillars at 90 degree from the project boundary.
- Distance from RD 37 is only taken for reference to show the variation which might actually come when taken from fixed pillars.
- The pillars were on debris and not on original flood plains.
  The STP is in existence and operational also.
- Sewage line are being laid but are not connected to the municipal line.
- Possession of the project was taken in 2013, out of 72 flats, 16 are occupied.

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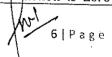
(2013)

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	asra No. 2088, Mauja From Boundary wall to the edge of constructed	a-Ghatwasan, Agra Remarks
<del></del>	4		building	
Point between RD 35 and RD 36 (40 meters from RD 35 and 150 meters from RD36			0 (Zero)	Diagonal boundary between reference pillar and edge of the project cannot be ascertained owing to very heavy and large scale construction in between.

#### Other Observations:-

- The measurement point is perpendicular distance is taken which is 40 meteres from RD 35 and 150 from RD 36.
- The pillar was existing on debris filled plain.
- No STP is installed.
- > Sewage line is in existence and operational and connected to the municipal line.
- The nearest construction is about 4 metres inside the river,

Ref. From edge of From ref point to From Boundary Remarks No river and boundary wall of wall to the edge.					
	Ref. Point	boundary wall of project	wall to the edge of constructed building		
RD 33	4.20	14.40	No new construction. Old construction is 0 (Zero) meters.	There is an old dilapidated structure which is in existence and the distance between the boundary wall and the actual construction is Zero	







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			metre, tho	ugh there
		•	is no	new
			constructi	on which
			has been n	nade.

#### Other Observations:-

- No other measurement was taken since it is not required. The ref. Pillar was at perpendicular distance from the project.
- No STP is in existence, no sewage line in existence or connected with municipal lines.

# 4. Project Proponent: Astha City Centre, Khasra No. 21/263, Johns Mill Compound, Agra

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks
RD 32	5.85	21.15	8.30	

#### Other Observations:-

- Since the project is exactly parallel to the bank of the river the ref. pillar RD- 32 is taken in straight line and indicates perpendicular distance with the project boundary as such the same is measured from the closest possible distance the reference point & rivers and the project boundary.
- No other measurement was taken since it is not required. The ref. Pillar was at perpendicular distance from the project.
- No STP is in existence not in operational. No sewage line is in existence or connected with a municipal line.
- > The pillar exists on the debris.

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The nearest construction structure is about (-) 3 meters inside the river when taken from RD 32.

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remark
RUM 1	39.6	0	0	
Point between RU 7 and RUM 1 (5 meters from RU- 7 and about 151 meters from	55.3	0	0	

# Other Observations:-

The measurement was taken from the ref. marking RUM -1 because the marking was on the wall of the project itself and the nearest to the edge of the river Yamuna.

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Green A Street



- The second ref. point is between marking RUM- 1 and pillar RU 7. The ref. point is taken about 5 meters from RU- 7 and about 151 metres from RUM-1.
- The STP of a capacity of 160 KLD(Phytoriod) technology approved by NEERI, is reported is to be under construction.
- The internal sewage lines have been laid but they are not connected to the municipal line.
- The project is under construction and there is no habitation at this point of time.
- The project boundary is touching the reference pillars & markings.

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks
Point between RUM2 and RUM3 (both at a equidistance)	5	345	0	Shortest possible distance from the river
RUM 3 and RUM 4 (50 meters from RUM 2 and 150 meters from RUM 3)	5	455	0	

#### Other Observations:-

- Measuring distance from the ref. pillar would be at an angle of 45 degree and was not possible because of number of buildings including Janganpur STP is existing.
- > The two reference points shows a difference of about 110 meters when the

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boundary wall of project is measured from depth the same is owing to the fact that there is a sharp curve on the river between these two points.

- An STP of 70 KLD is installed & is operational.
- Sewage lines are laid but not connected to the municipal line.

# 7. Project Proponent: Radha Ballabh Public School, Khasra No. 76, Mauja Jaganpur, Agra

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks
RU 32	267	-102 (Minus)	0	•
Point between RU 31 And RUM 4	5	160	0	

## Other Observations:-

The pillar RU 32 is on filled land which is filled not only with debris but also with stones and construction material converting it into the road. The pillar RU- 32 therefore exists right in the middle of the road.

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- The pillar RU-32 was found to be broken.
- The difference between two measurement can be explained from the fact that RU-32 is on a much dipper distance when taken from the river bank of Yamuna. This has been done on the basis of calculations based taking 2010 flood reference or between RU- 31 and RU- 32 was a shallow area and below the level of the surrounding area and it was acted like a drench where the flood water can easily travel up to a distance of 267 meters from the edge of the river. The project distance figures thus indicates the difficulties arising out of flood plain pillars being fixed at such a long distance.
- As of now the entire shallow area which was existing at the time of 2010, flood plain is filled with debris concrete material and mud converting the same into road.

8. Project Proponent: Rajshree Garden, Khasra No. 56-61, 60/488, 62-67, Mauja-Jaganpur Agra

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks
RU-33 <b>(90°)</b>	13	0	6	
Point between RU-33	12	0	6	)

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And	
RU- 34 (50 Metres from RU- 34 and 100 Metre from RU – 33).	
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# Other Observations:-

- There is a temple at a distance of 1 metre from the boundary.
- No STP is installed or operational.
- There are sewage line which are being laid down or connected to the municipal line there is a septic tank which is used for disposal of sewage and ultimately sewage falls in river Yamuna.

9. Project Proponent: Jawahar Bagh- 2, (Renamed as Vaibhav Garden - 2) Khasra No. 276/1, Mauja Mau Agra

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks
U-34 90°)	18	0	0	
				$\cap$

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Point Between	28	0	0	
RU-34				
And				
RU 35			,	
			. ,	
Irrigation	denartment he			
Vaibhav	Garden-2, detail	is surveyed Jawa s are given belov	nar Bagah in place ( v :-	of Jawahar Bagh -2 i.e
Ref. No	From edge of	From ref	From Boundary	Pomariro

Ref. No	From edge of river and Ref. Point	From ref	From Boundary wall to the edge of constructed building	Remarks
Ru-34	18	177	o	

#### Other Observations:-

- The colony Jawahar Bagh as per Agra Development Authority records is abutting the river Yamuna next to the project Rajshree Garden however, the colony was initially not discovered and it was later found after checking that the name of the same has been changed by the project proponent to Vaibhav Garden- 2.
- There is no STP in existence or operational.
- There is no sewage line which is connected to the municipal lines. The sewage is disposed of in a septic tank and the over flow before the removal of the pipe line were falling directly in the river Yamuna.
- ➤ What is mentioned as Jawahar Bagh 2 is actually Jawahar Bagh which is across the dividing the road between the other projects and the projects on other side of the road. The same was checked from the information provided by the Irrigation Department.

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As per ADA records the project sanctioned as Jawahar Bagh- 2 is actually named
as Vaibhav Garden -2. For clarifications the measurement of both the projects
have been accordingly taken.

10. Project Proponent: Kalyani Height, Khasra No.323/1, 324, 325,326,329,330,276, Mau, Agra

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks
RU- 37 (90)	24.30	9.0	12 M	
RU 36	46	5.50	48	RU-36is drain abutting the project Kalyani Heights

## Other Observations:-

- The pillar is at distance of about 46 metres from the edge of the river when taken laterally but is closer by 5.5 meters to the Northern wall of the project. The ref. is done between RU- 36 and RU-37 and from western wall.
- The project also demonstrates the fallacy of figures as reference pillars are fixed at a much higher distance then it should have been. If a straight line is drawn between RU 36 and RU 37, part of the project will shall within flood plain area of river Yamuna.
- No. STP is in existence or operational.
- $\succ$  Sewage line laid and connected to the municipal lines.

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11. Project Proponent: Ram Mohan Vihar Colony, Khasra No. 333, 353, 354,356(P), 406(P), 407(P), 408, 409, Mauja Mau, Agra

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks
RU-4	44	332.80	0	
. •				

## Other Observations:-

- There is no STP in existence or operational.
- No sewage line laid inside the project or connected to the municipal line. The entire sewage is dumped into the septic tank and the overflow is filled through pipes to a drain abutting Kalyani Heights and is ultimately going to river Yamuna.

Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks
Point between	86.40	197	8.80	
RU -42				
And				
RU- 43				
(25				
meters				
from				
RU-42				
and 75				
meters from			1	
RU-43)				

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			-	
RU-43	102	215	8.80	

# Other Observations:-

- No STP is in existence or operational.
- Sewage lines do exist and are connected to the Municipal line.

13. Apart	Project ment,KhasrNo.4	Proponent: 92,493,506,507,50	Aparna 8,561, Maujamau, Agr	River a.	View
Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks	3
RU- 43	102.5	170.60	10.40		

#### Other Observations:-

- $\sim$  No STP is in existence or operational.
- $\succ$  Sewage lines do exist and are connected to the Municipal line.

14. Pr Agra.(	14. Project Proponent: Pushpanjali Seasons, Khasra No.82(P), Mauja-Jaganpur, Agra.(Distance in metre)							
Ref. No	From edge of river and Ref. Point	From ref point to boundary wall of project	From Boundary wall to the edge of constructed building	Remarks				
RU - 29	32	259	12	The exact distance of the project boundary from a perpendicular pillar which is in existence to the boundary i.e RU- 29 is measured and the same is to be found 259 metres.				

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## Other Observations:-

Pushpanjali seasons was inspected in the last visit but due to inadvertence and confusion due to sudden heavy rains, there appears to be incorrect projection of figures. The project was accordingly re-inspected and now the measurement is taken from the shortest distance from River Yamuna.

Dated :- 15.10.2016

(Mukesh Kumar Gupta) Registrar General/ Court Commissioner NGT, PB, New Delhi

#### Annexures:-

- 1) Location Map of Flood plain pillars
- 2) Location list of Flood plain pillars/Markings
- 3) Photographers (83) in numbers.

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Details of pillars fixed along flood line (Year:2010) on right bank of Yamuna river down stream of Poiya Ghat in Agra showing latitudes and longitudes.

S.N	Pillar No.	Mark	Details	Latitude	Longitude
1	RD1	Pillar	In the farm of Dr. Parikh	N-27°15'09.33"	E-78°01'21.12''
2	RD2	Pillar	Inside of Choube farm house	N-27°15'03.96''	E-78°01'25.75''
3	RD3	Pillar	In the north direction of Babu Lal's farm	N-27°15'01.74"	E-78°01'28.39"
4	RD4	Pillar	In front of long pole, on partition line between farms of Chunni lal and Sumer Singh	N-27°14'55.60"	E-78°01'31.14''
5	RD5 🖔	Pillar	On partition line between farms of Ganeshi and Bani Singh	N-27°14'53.08"	E-78°01'33.19"
6	RD6	Pillar	On partition line of Deepak Chandi wale before sand road	N-27°14'48.66"	E-78°01'35.47''
7	RD7	Pillar	Down side of Anand Sharma's farm house	N-27°13'47.91"	E-78°01'45.70''
8	RD8	Pillar	Down side of plot of Bhagwan Singh Dhakre	N-27°14'37.84"	E-78°01'40.41''
9	RD9	Pillar	In side of Maa Gauri Town	N-27°14'31.88"	E-78°01'41.30''
10	RD10	Pillar	In side of Nagwani farm house near palm tree	N-27°14'29.26"	E-78°01'39.85''
11	RD11	Pillar	On partition line between farms of Nagwani and Mukund	N-27°14'29.00"	E-78°01'39.75''
12	RD12	Pillar	At 15 meters from khajoor tree, where villagers reside	N-27°14'24.83"	E-78°01'39.60"
13	RD13	Pillar	Near back wall of Ravi Mahajan's farm house	N-27°14'19.83''	E-78°01'39.63''
14	RD14	Pillar	In the colony of Atal Bihari	N-27°14'11.18''	E-78°01'41.19''
15	RD15	Pillar	Near gate of Radha Swami Agriculture Institute	N-27°14'05.99''	E-78°01'41.87''
16	RD16	Pillar	On the road, under the tree	N-27°14'04.81''	E-78°01'42.09''
17	RD17	Pillar	In front of Cement tiles factory	N-27°14'03.43''	E-78°01'42.56''
18	RD18	Pillar	On road near Sant Ram Krishna School	N-27°13'52.88''	E-78°01'44.08''
19	RD19	Pillar	In front of Krishna Vihar colony, near bitora	N-27°13'52.82''	E-78°01'44.10''

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20	RD20	Pillar	Near house of Loka	N-27°13'32.50"	E-78°01'48.55"
21	RD21	Pillar	Back side of house of Krishna Chand Sharma	NR	NR
22	RD22	Pillar	Near memory chabutara	N-27°13'31.02''	E-78°01'48.95"
23	RD23	Pillar	Near house of Subhas Chandra Sharma Advocate, Anurag Nagar	N-27°13'31.18"	E-78°01'48.93"
24	RD24	Pillar	Near Raju (Khushbu) Namkeen	N-27°13'24.92"	E-78°01'50.63''
25	RD25	Pillar	Near back wall of creamation ground	N-27°13'20.27"	E-78°01'52.26"
26	RDM 1	Mark	Near stairs of Balkeshwar ghat and wall of Paliwal's house	N-27°13'13.87"	E-78°01'55.19"
27	RD26	Pillar	On the way from Balkeshwar road to temple	N-27°13'12.78"	E-78°01'53.06"
28	RD27	Pillar	Near Sita Ram Colony and temple	N-27°13'11.49"	E-78°01'55.83''
29	RD28	Pillar	Near wall of Sita Ram Colony, towards Yamuna river	N-27°13'08.70"	E-78°01'57.28''
30	RD29	Pillar	Near S.T.P. drain of Giriraj colony	N-27°13'02.03"	E-78°01'58.70''
31	RD30	Pillar	Near Dr. Ambedkar bagichi	N-27°13'00.84"	E-78°01 <sup>'</sup> 59.92"
32	RDM2	Mark	On Stairs of chhatari of Jaswant Singh	N-22°12'52.60"	E-78°02'03.14''
33	RDM3	Mark	Near Shri Banke Bihari bagichi	N-22°12'43.94"	E-78°02'04.01''
34	RD31	Piller	Near water tank of Mata temple , Chiranjilal ki bagichi	NR	NR
35	RDM 4	Mark	On the wall of Peepal tree wala house, in Yamuna River	NR	NR
36	RDM 5	Mark	On ancient Shakya Samaj Mandir	N-27°12'29.55"	E-78°02'01.25''
37	RDM 6	Mark	On first pillar of Jawahar bridge	N-27°12'20.46''	E-78°01'59.21''
38	RDM 7	Mark	On back wall of Jal Sansthan, near well	NR	NR ,
39	RDM 8	Mark	On tail well of Sikandra Dy.	N-27°12'07.02"	E-78°01'51.79"
40	RD32	Pillar	In the back of Astha City, near Hanuman Mandir	N-27°12'04.77"	E-78°01'50.32''
41	RD33	Pillar	In the back of Astha City, near third gas pole	N-27°12'01.31"	E-78°01'48.38''

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42	RD34	Pillar	Near handpump of Krishna Colony	N-27°11'58.18''	E-78°01'46.22"
43	RDM 9	Mark	On the house of Praveen Sharma, back of Krishna Colony	NR	NR
44	RDM 10	Mark	On the wall of Dhramshala, back of Krishna Colony	NR	NR
45	RD35	Pillar	After last house of Krishna Colony	N-27°11'48.07"	E-78°01'41.36"
46	RD36	Pillar	Near Chabutare and samaadhi	NR	NR
47	RD37	Pillar	In front of Taj view Apartment, near pipe line chember	N-27°11'32.46''	E-78°01'36.56"
48	RD38	Pillar	Towards Dr. Ambedkar bridge and railway bridge	N-22°11'25.80"	E-78°01'32.85''
49	RDM <sup>®</sup> . 11	Mark	At the angle of steel near Chhajali wale Bhole baba ka mandir	NR	NR
50	RD39	Pillar	Near ancient Kalika temple (near pipe line) at Hathighat	N-27°11'02.78''	E-78°01'26.90"
51	RD40	Pillar	Hanuman temple below railway bridge	NR	NR
52	RD41	Pillar	At the road lamp near Agra fort ( 70 meter towards Yamuna river)	N-27°10'55.47"	E-78°01'27.68"
53	RD42	Pillar	At the road lamp near Agra fort ( 40 meter towards Yamuna river)	N-27°10'49.02"	E-78°01'28.95"
54	RD43	Pillar	At 30 meter towards Yamuna river in front of A.D.A. board facing white building near Agra fort.	N-27°10'43.31''	E-78°01'29.41"

Note- NR = Not Recorded

Executive Engineer
Lower Division Agra Canal
Agra

NGT Pillar Combined List (2) (1).xlsx

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Details of pillars fixed along flood line (Year:2010) on right bank of Yamuna river up stream of Poiya Ghat in Agra showing latitudes and longitudes.

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S. N.	Pillar No.	Mark	Details	Latitude	Longitude
1	RU1	Pillar	On road near Central Water Commission's Office at Poiya Ghat	N-27°15'14.02"	E-78°01'16.82"
2	RU2	Pillar	Near bajaj farm house towards Yamuna river	N-27°15'19.28"	E-78°01'12.28"
3	RU3	Pillar	Near back wall of Gata No- 46 Sardar farm house (towards Yamuna River)	N-27°15'23.44"	E-78°01'05.28"
4	RU4	Pillar	Near grill wall of Gayatri farm house	N-27°15'25.51"	E-78°01'01.72"
5	RU5	Pillar	Near tube well in narrow street in Nagla Talfi	N-27°15'26.91"	E-78°00'56.56"
6	RU6	Pillar	In street of Jayaram house, down side of kharanja towards Yamuna river	N-27°15'30.18''	E-78°00'46.93"
7	RUM 1	Mark	On the wall of Wonder city entrance	N-27°15'30.93"	E-78°00'44.45"
8	RU7	Pillar	In between Wonder city and Yadav Colony	N-27°15'32.69"	E-78°00'40.11"
9	RU8 .	Pillar	Wonder city stone wall near palm tree	N-27°15'34.78"	E-78°00'34.06"
10	RU9	Pillar	Near plot of Nagla Haveli,back of Shriram school near stairs in mauja Sikandarpur	N-27°15'36.79'	E-78°00'26.96"
NGI	Pillar Comi	oined List	(2) (1).xisx	<u> </u>	1

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111	l RU10	Dilla		(00	W/1/0/
	, KOTO	Pillar	Near plot of Nagla Haveli in east direction of stairs	N-27°15'37.48	E-78°00'24.41"
12	RU11	Pillar	In Sanjivani Colony, Sikandarpur	N-27°15'38.84"	E-78°00'18.56"
				33 33.34	2-78 00 18.50
13	RU12	Pillar	Near electric pole on village road at Sanjivani colony	N-27°15'39.13"	E-78°00'13.85"
14	RU13	Pillar	In front of house of Yogendra singh, under bargad tree of Sikandarpur	N-27°15'39.50''	E-78°00'09.32"
15	RU14	Pillar	Near house of Sahab singh in Sikandarpur	N-27°15'40.47''	E-78°00'03.54"
16	RU15	Pillar	In the Temple of Mohan Singh	N-27°15'40.16"	E-77°59'59.00''
17	RU16	Pillar	In front of Khemchand's house, on chak road	N-27°15'40.73"	E-77°59'56.01"
18	RU17		Near palm tree of farm of Dayalbagh	N-27°15'43.92"	E-77°59'45.72"
19	RU18		Near farm house of Ghanshyam and Tejuwala	N-27°15'46.40''	E-77°59'39.94"
20	RU19		Near neem Tree, In front of green memories	N-27°15'49.46''	E-77°59'37.59''
21	RU20	Pillar	On turning point of chak road to Sikandarpur fairy ghat	N-27°15'51.19"	E-77°59'30.81''
22	RU21		Near room of fairy ghat, Near electric pole	N-27°15'55.89"	E-77°59'24.70"
NGT	ıllar Combi	ned List (	2) (1).xisx		



23	RU22	Dillar	Nonrying for single	( 150×	1-5/
120	11022	rillai	Near wire fencing	N-27°15'50,55"	E-77°59°13.04"
24	RU23	Pillar	In the east corner of chak no 1 of		
	11023	i inai	mauja Sikandarpur	NR	NR
			, and an pair	,	
25	RU24	Dillor	In Chalenge 1 of Market		
	1024	Fillal	In Chak no 1 of Mohan Singh, mauja Sikandarpur	N-27°15'48.09"	E-77°59'04.31''
			-	·	
26	RU25	Pillar	In chale as F of C		
20	1023	rillai	In chak no 5 of Surendra singh	NR	N <sub>,</sub> R
27	RU26	Dillor	la the constant	-	
2/		ir IIIdi	In the corner of forest of Dayalbagh, on Yamuna river bank	NR	NR
			on rumana river bank		
28	RUM 2	NA pris	On laws		
40	NOIVI Z	iviark	On lamp post of Jaganpur S.T.P.	N-27°14'41.82"	E-77°59'48.66"
29	RUM 3	N/a ale	0-81		
25	KUW 3	iviark	On Bharat engine farm house	N-27°14'36.62"	E-77°59'56.03''
30	RU27	Dillon	No. 1 COLUMN		
30	KU27	Pillar	Near house of Shri Prakash Mathur and Menaka Gandhi	N-27°14'25.19''	E-77°59'54.56"
			and Menaka Galidiii		
31	DLIGO	Diller	N. G.		
21	RU28	Pillar	Near Stairs of farm house of Shri Prakash Mathur	N-27°14'25.10''	E-77°59'54.48''
			Transfer Wideria		
32	DLIO	· D:II			
32	RU29	Pillar	Inside P.F.A. Gaushala and Dog Hospital	N-27°14'24.01"	E-77°59'55.50''
			- Tospicar	·	
33	DUIZO	D:II	Outside of D.E.A.		
55	RU30	rillar	Outside of P.F.A., towards Tanishk Raj Shree Estate	N-27°14'21.51''	E-77°59'54.66''
			naj sinee Estate		
24	חוומ		N. T. LES CO.		
34	RU31	Pillar	Near Tanishk Raj Shree Estate	N-27°14'14.05''	E-77°59'56.44''
NGT	Pillar Comi	ined List	(2) (1).xisx		
,			\-/ \-/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		

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35	RU32	Pillar	Near Amarbagh transformer	N-27°14'09.98"	E-78°00'06.09"
			(Radhaballabh School)	N-27 14 05.50	203
36	RUM 4	Mark	Near Tanishk Raj Shree Estate and Gajadhar farm house Temple	N-27°14'08.04''	E-77°59'56.70"
37	RU33	Pillar	Back side of Vaibhav garden, towards Yamuna River	N-27°14'03.12''	E-77°59'56.03''
38	RU34	Pillar	Back Side of Vaibhav Kunj Colony, towards Yamuna River	N-27°13'58.97"	E-77°59'54.51''
39	RU35	Pillar	Near Kalyani House and heavy line electric pole	N-27°13'54.89"	E-77°59'52:38"
40	RU36	Pillar	In front of kalyani house, near drain	N-27°13'52.92"	E-77°59'51.64''
41	RU37	Pillar	Back side of Kalyani House	N-27°13'52.39"	E-77°59'49.60''
42	RU38	Pillar	In Mangalam Extension towards Kalyani House	N-27°13'50.13''	E-77°59'45.79''
43	RU39	Pillar	In front of Temple of Mangalam Extension	N-27°13'47.28''	E-77°59'42.01''
44	RU40	Pillar	In Mangalam Extension towards Pushpanjali	N-27°13'44.66"	E-77°59'36.66"
45	RU41	Pillar	In front of Pushpanjali	N-27°13'42.89''	E-77°59'38.23''
46	RU42	Pillar	Near wall of house of Arvind Pal, towards Yamuna River	N-27°13'41.00"	E-77°59'37.07"



4.7	RU43	Pillar	Near back wall of S.T.P. in Nagla Budhi	N-27°13'39.13"	E-77°59'36.66"
			·	·	(2032)

Note- NR = Not Recorded

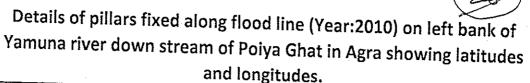
Executive Engineer
Lower Division Agra Canal
Agra

NGT Pillar Combined List (2) (1).xlsx



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S. N.	Pillar No.	Mark	Details	Latitude	Longitude
1	LD 1	Pillar	Near B.T.C. section of Jagdamba P.G. College	N-27°13'25.52"	E-78°02'12.77"
2	LD2		Between Sisodiya's godown and sand excavation	N-27°13'16.18''	E-78°02'15.89''

Executive Engineer
Lower Division Agra Canal
Agra





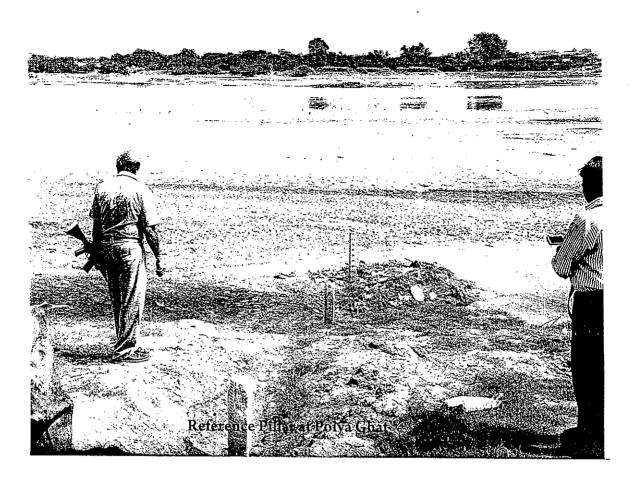


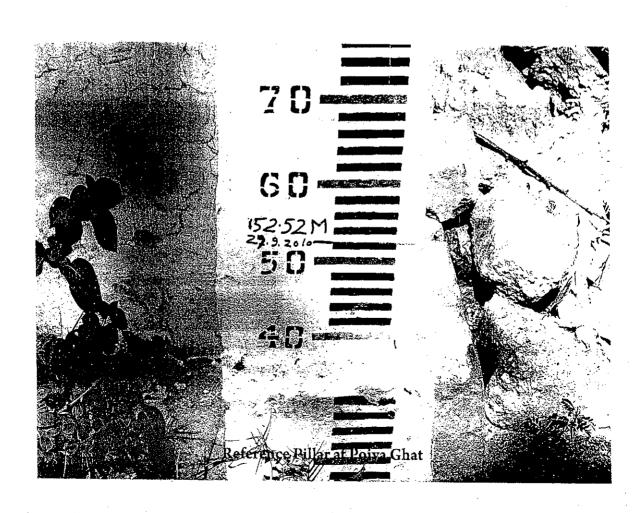




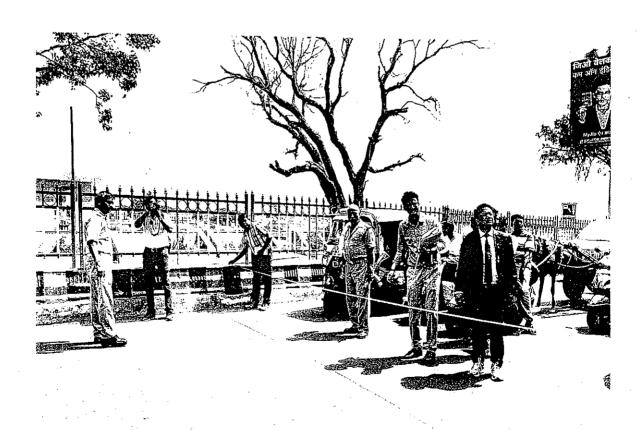


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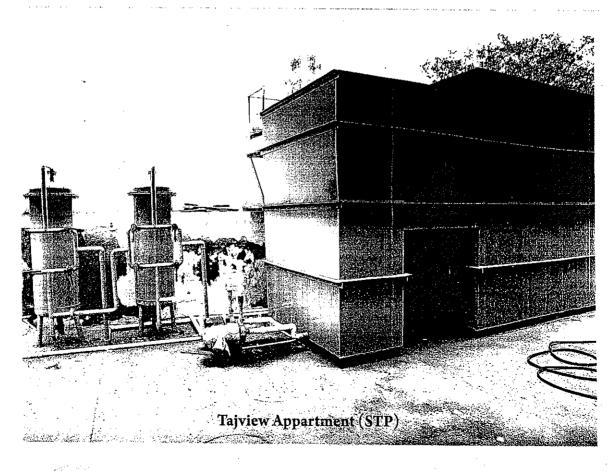
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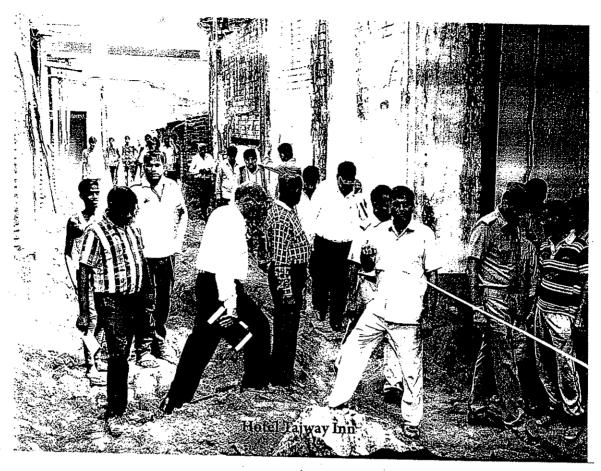


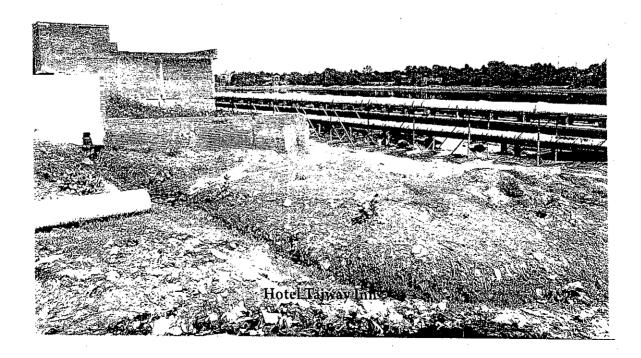
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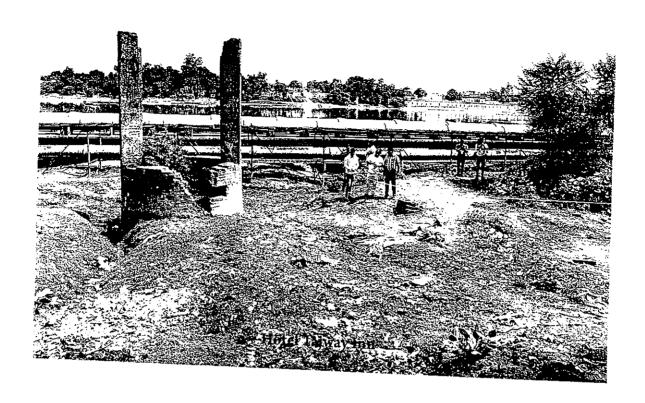


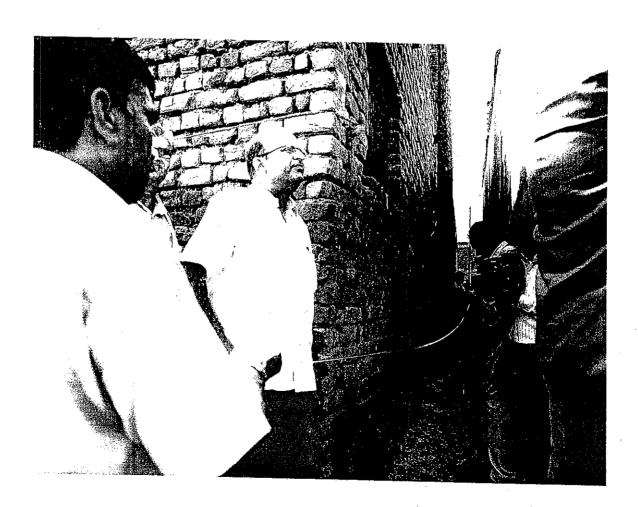
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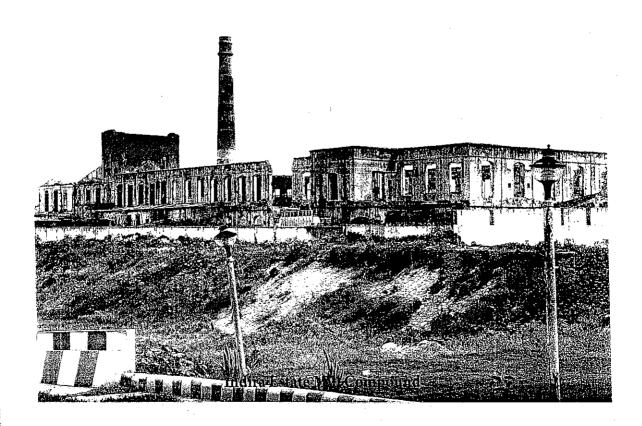
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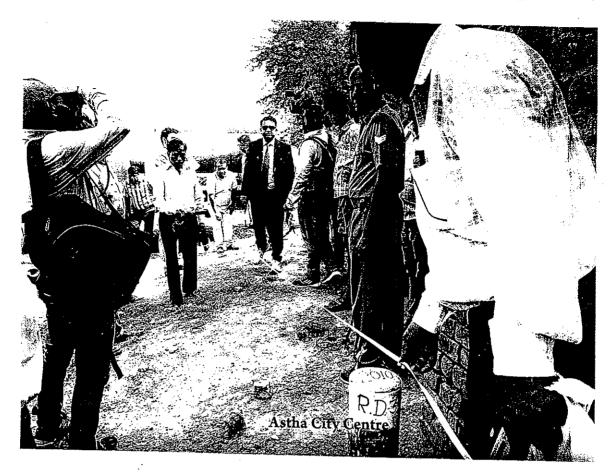


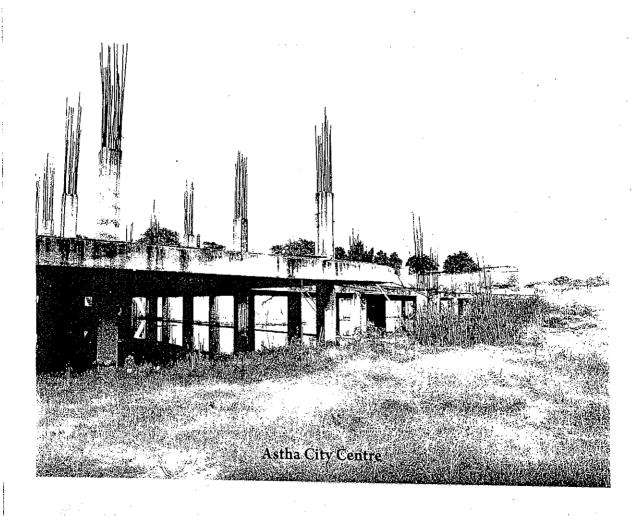
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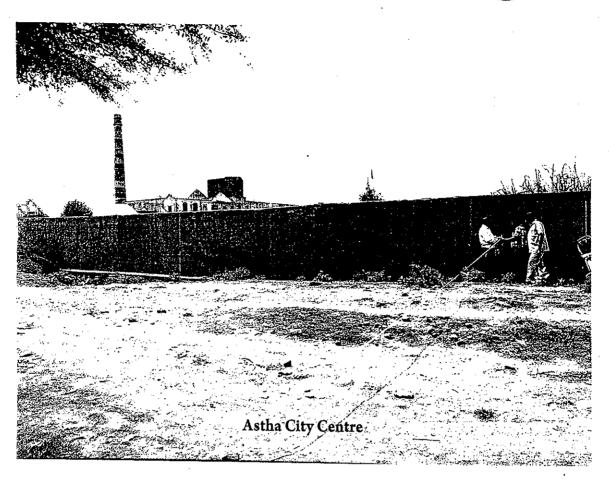
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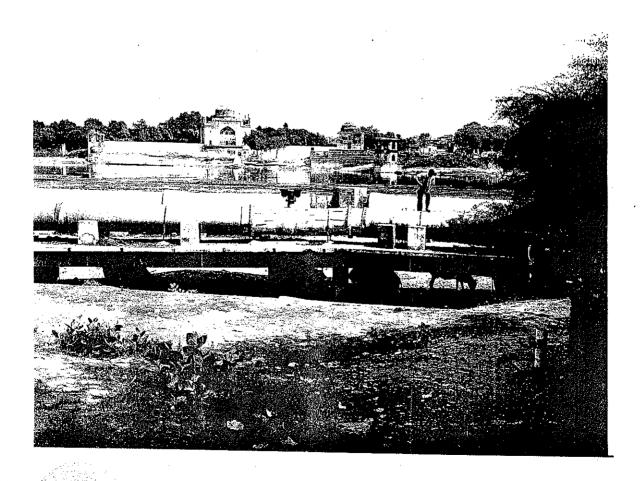




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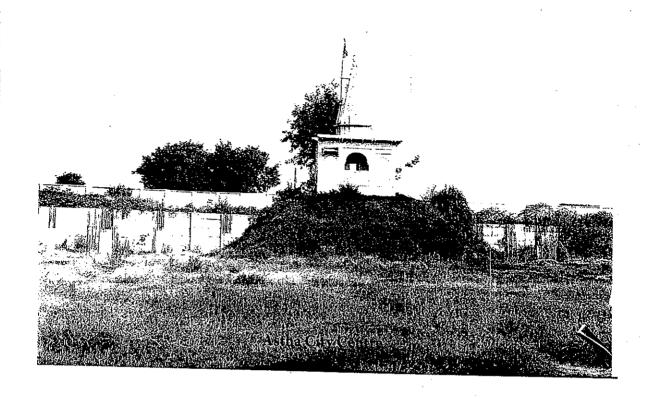


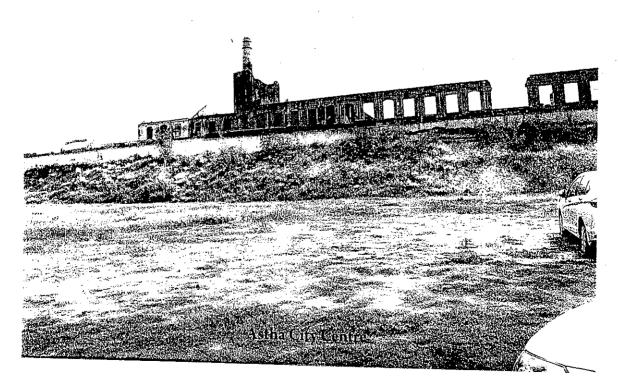


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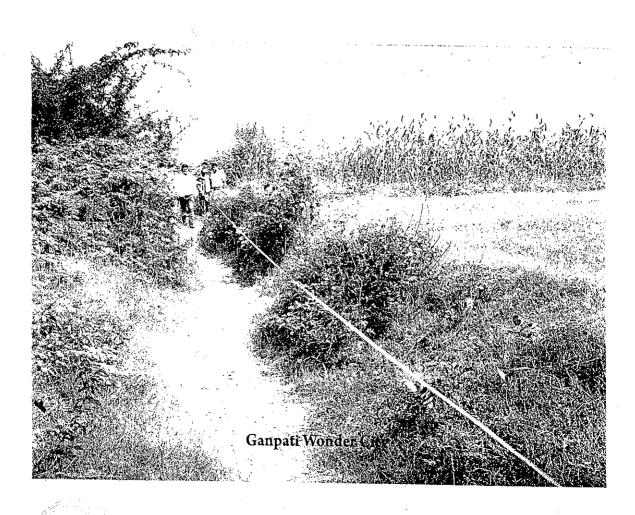


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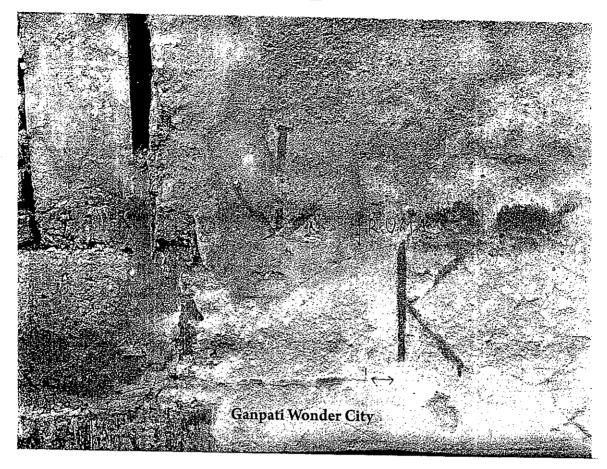


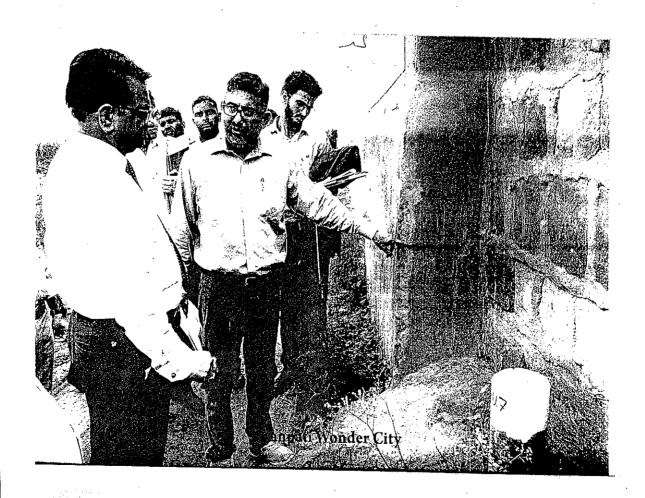




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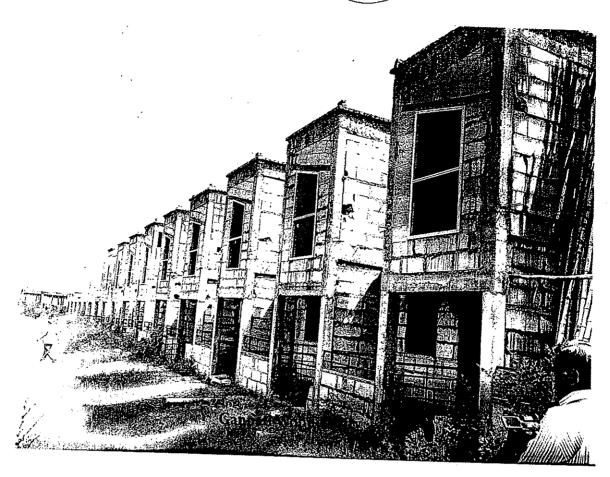
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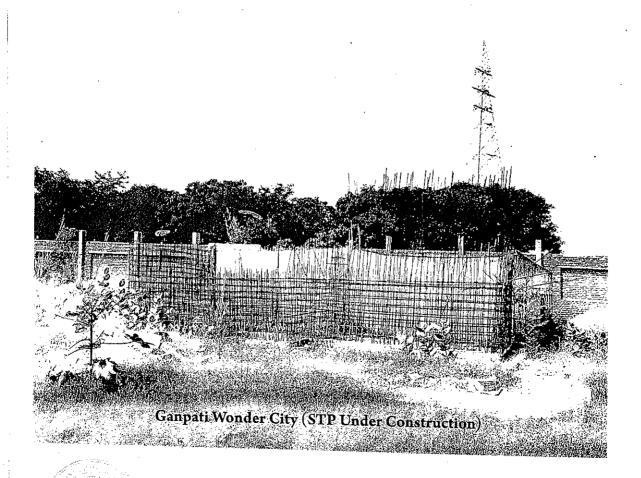




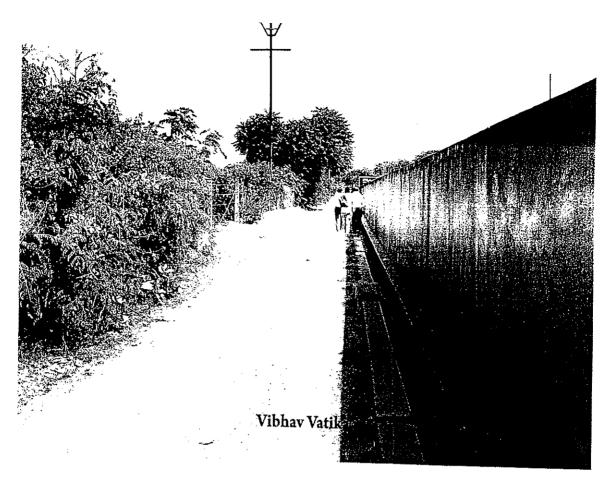
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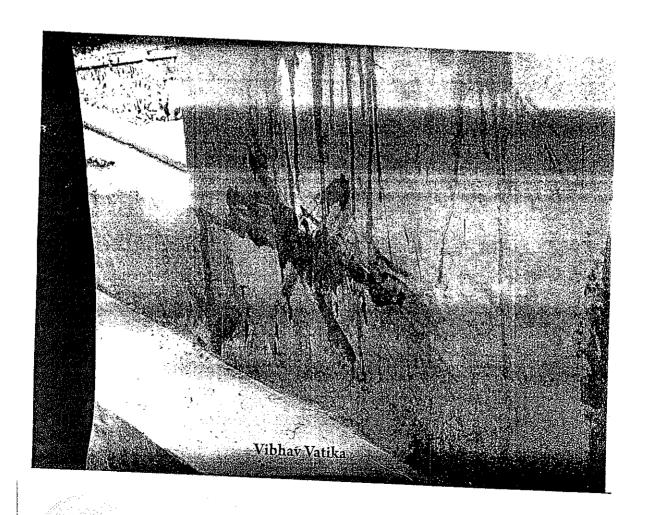
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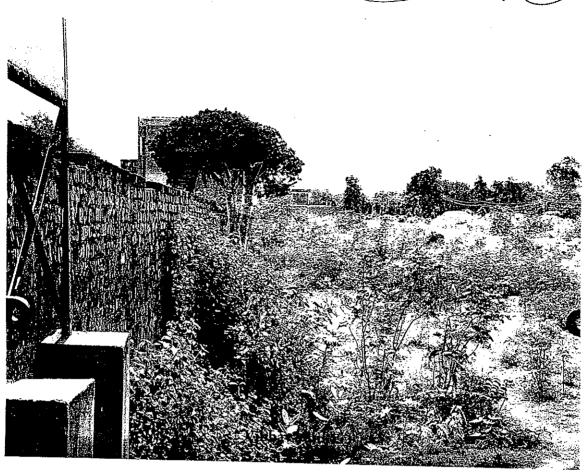


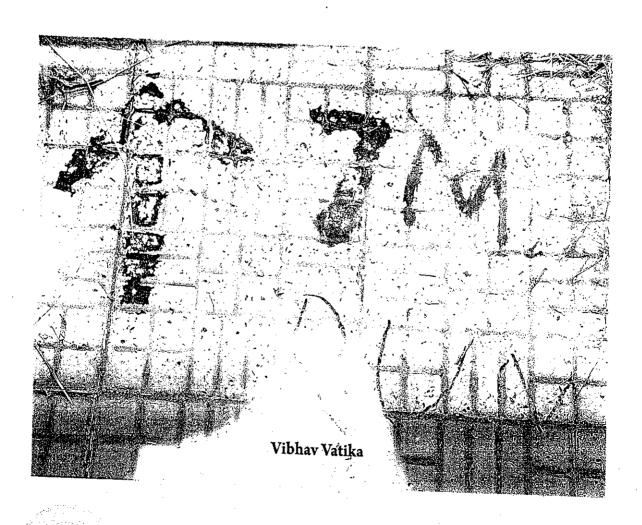




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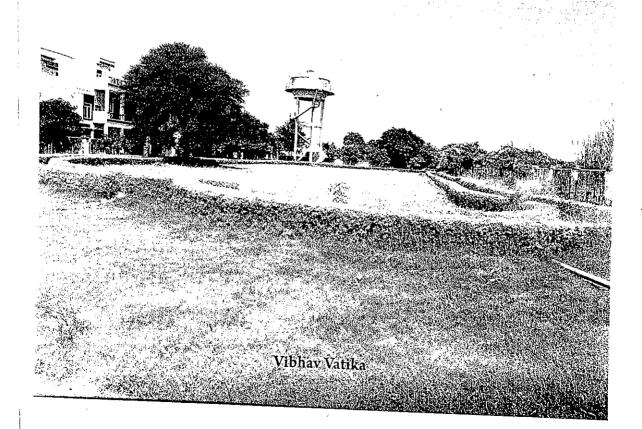


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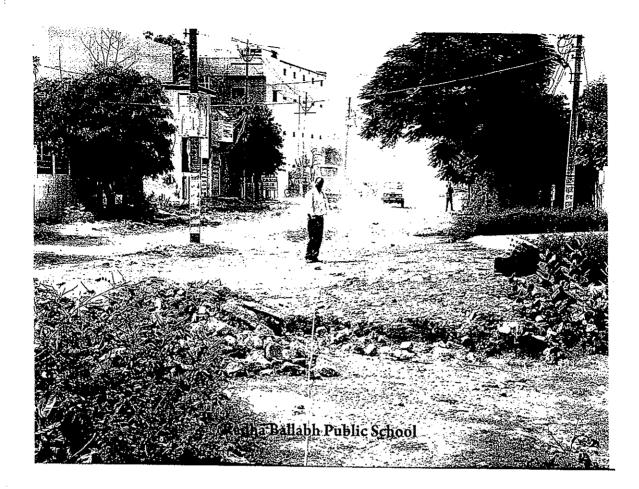


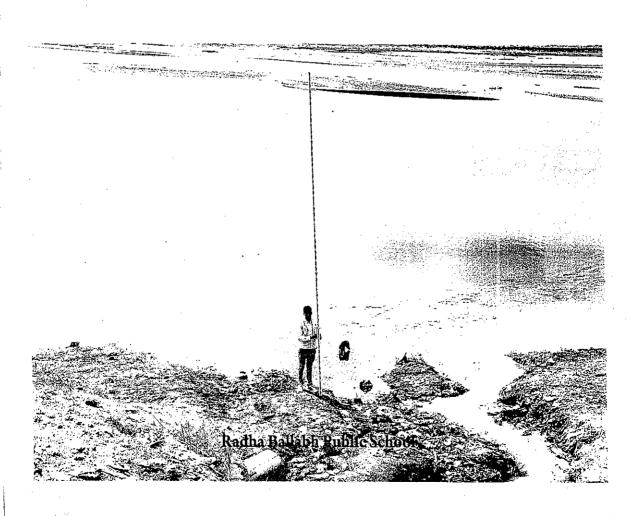


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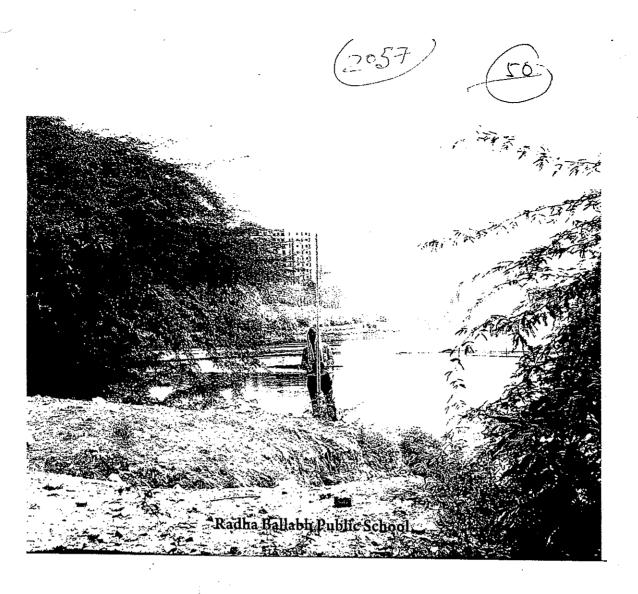
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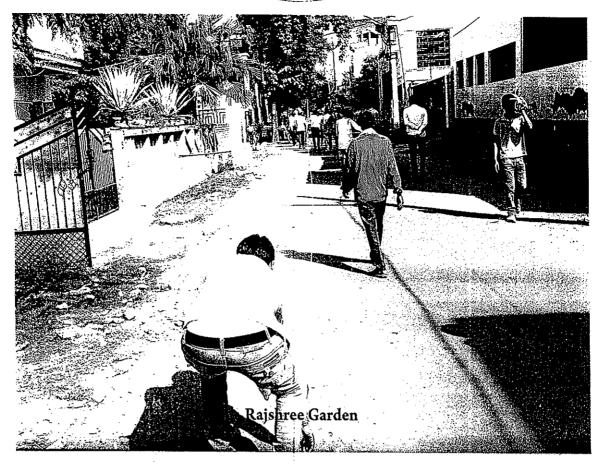
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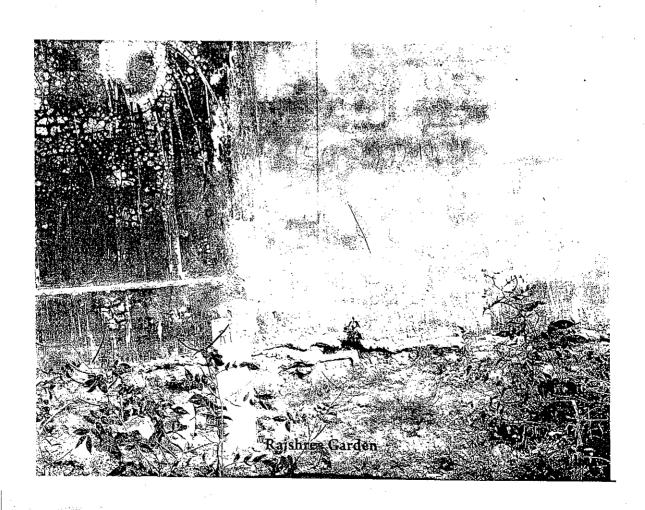
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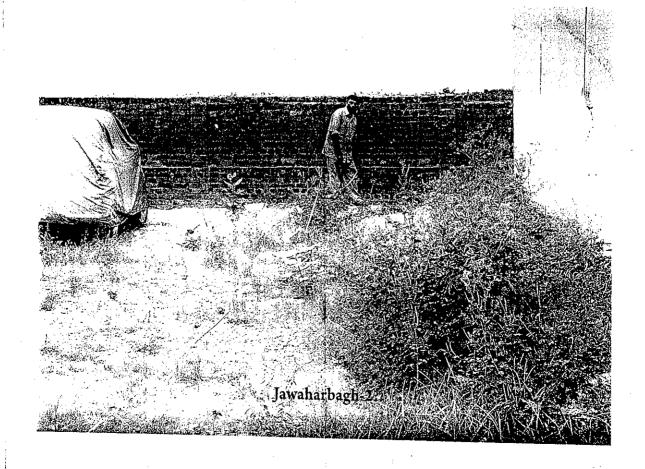




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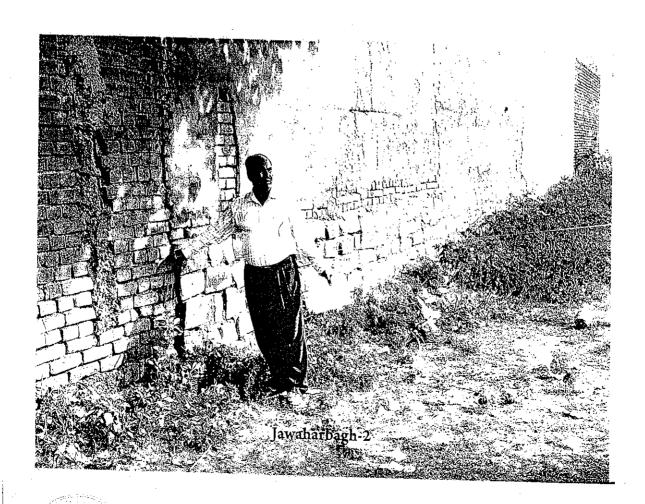












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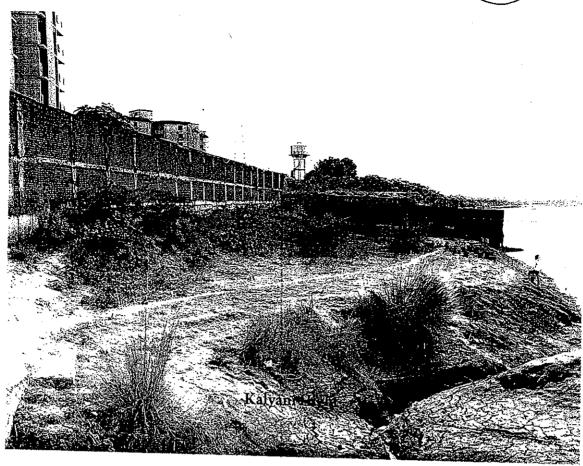






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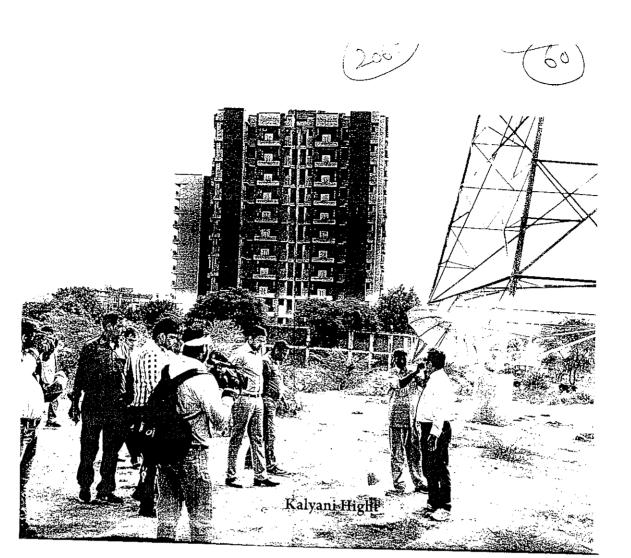


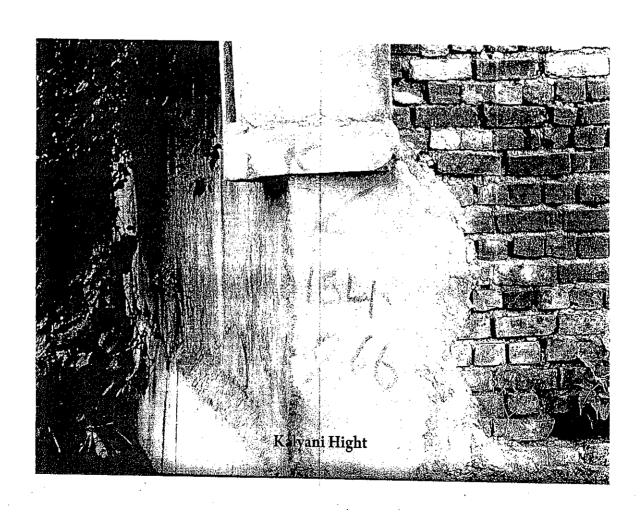
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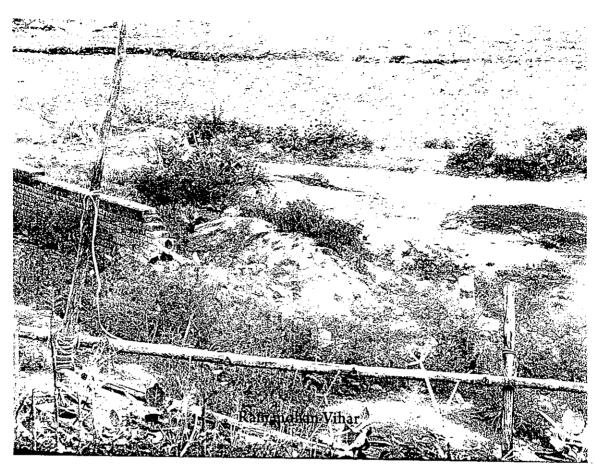










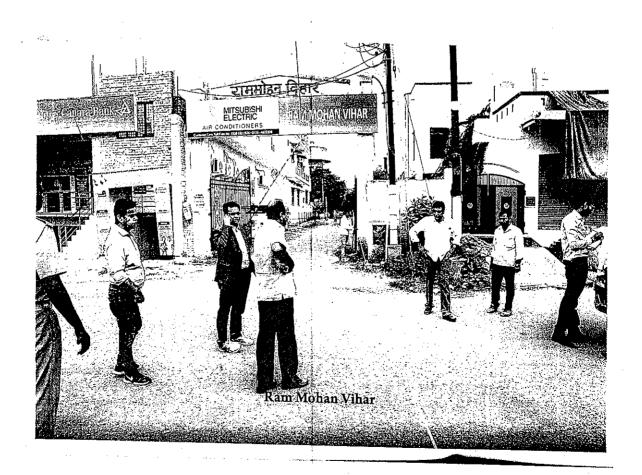




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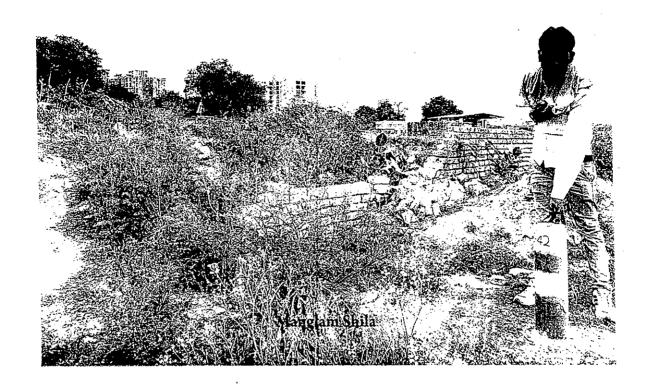






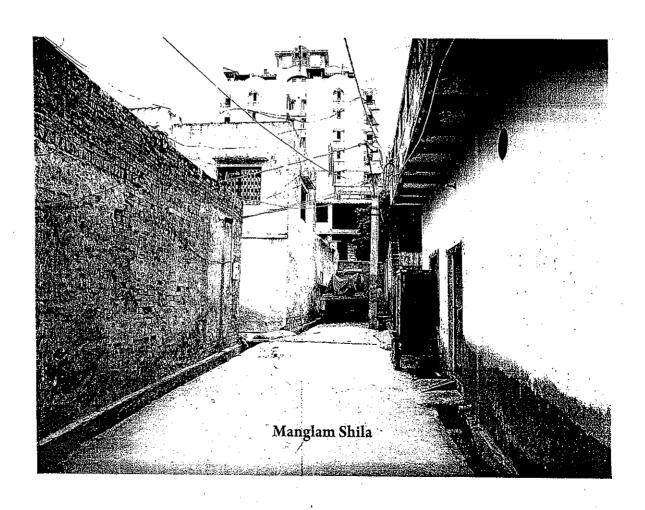
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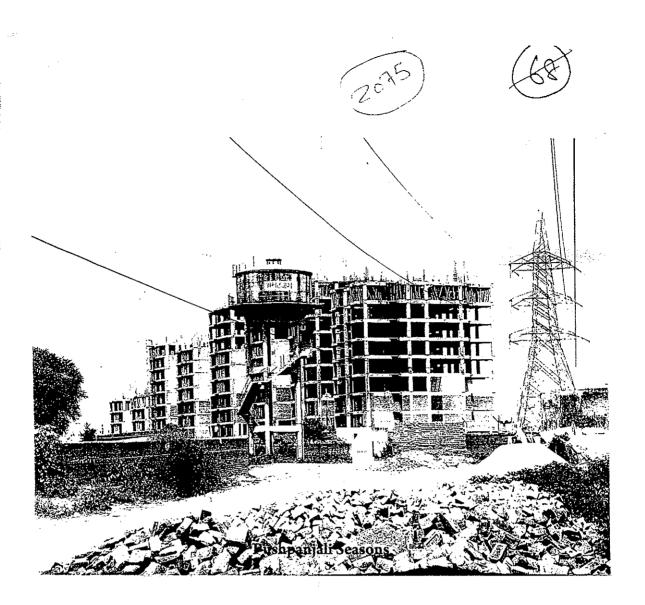






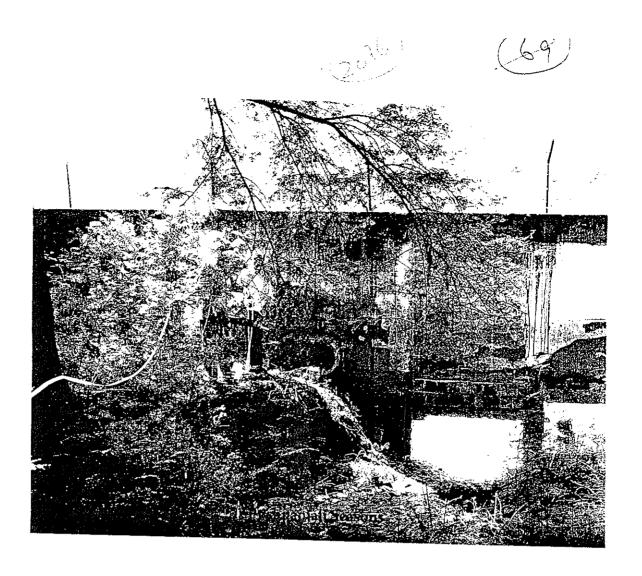


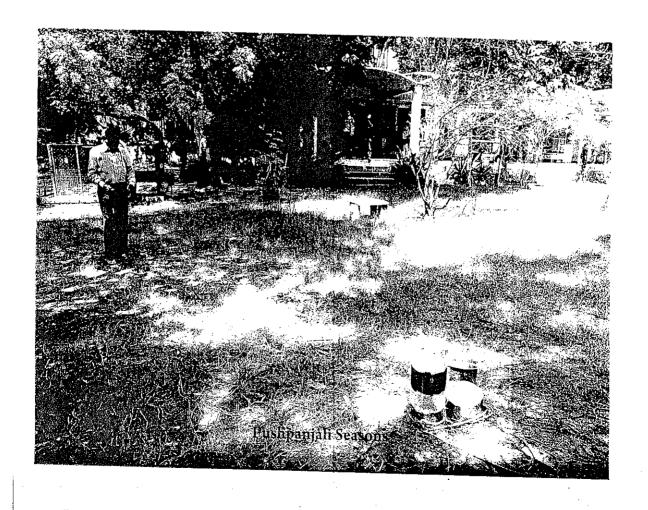




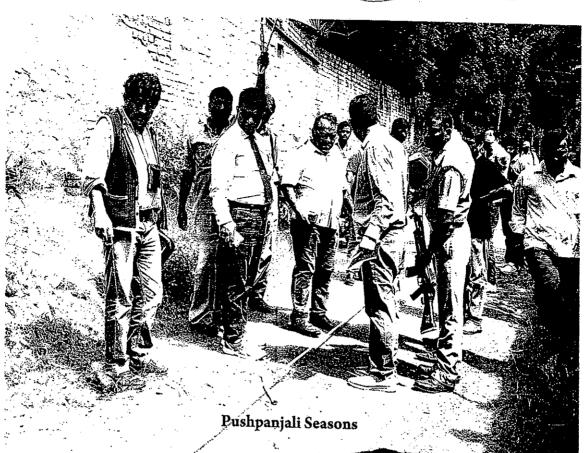


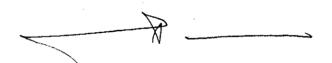
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"Certified that this is a true and accurate copy of the document of order as in the case illa (Application / Application opposing therein have been legitly and faithfully copied with no modifications"

For Registrar (NGT)

For Registrar (NGT)