



- Il things God works for the good.
- ake all you can, save all you can, give all you can.
- aise your thoughts, not your fists.
- am a part of all I have read.
- ake action and you may be shocked you are the best.
- ad are only those who understand.
- wareness signs the warrant for suffering.
- aise you awareness and cultivate your uniqueness.
  - Id soldiers never die, they just fade away.
  - alid questions are better than invalid assumptions.
  - closed mind is a good thing to lose.
  - eality speaks itself; it needs nothing for that.



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Ward No 8, Mehrauli Village, Mehrauli, New Delhi, Delhi

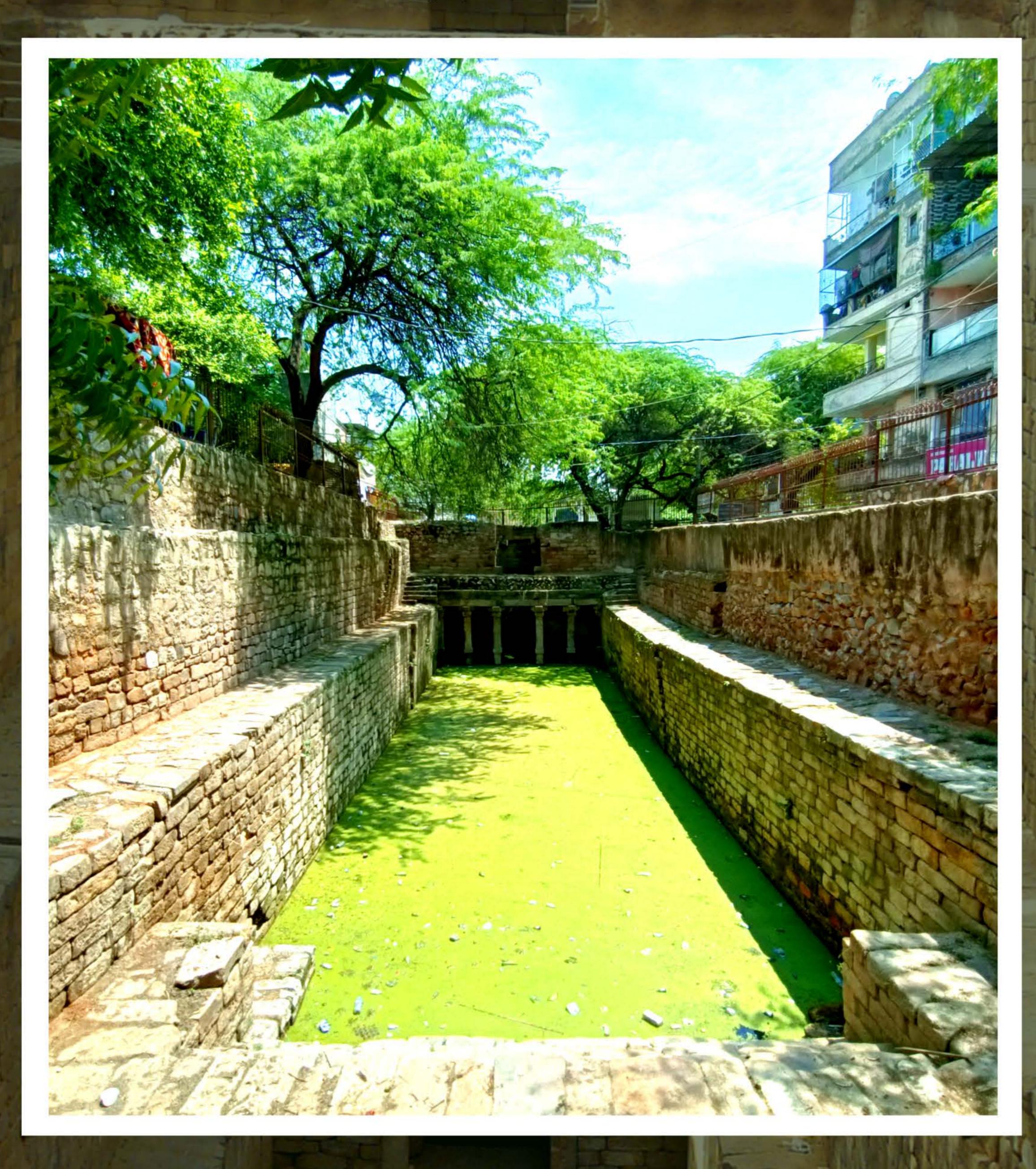
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### #MissionAmritSarovar





### The Gandhak ki Baoli

A disappearing historical place

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### #MissionAmritSarovar

Prime Minister has launched a new initiative named Mission Amrit Sarovar on 24th April 2022. The Mission is aimed at developing and rejuvenating 75 water bodies in each district of the country as a part of celebration of Azadi ka Amrit Mahotsav.

### GANDHAK GANKI BAOLI



### HISTORICAL FACTS

- One of the biggest stepwells in Delhi, This Baoli has been a witness to most of the historical changes since the 13th century.
- More than 800 years old this Baoli was one of the few surviving and functioning Baoli in India.
- Located near the Mehrauli archaeological Park, It is part of the extensive network of Baolis in Delhi.
- The monument is believed to be made by lltutmish, founder of Slave Dynasty, around the period of 1211 1236 AD.
- The word Gandhak translates to Sulphur, because of the Sulphur like smell that inhibits the Baoli.
- The stepwell was constructed in the Mehrauli city, 100 meters away from Adham Khan's tomb and beside the Jahaz Mahal.

- A relatively hidden monument in the quaint unnamed streets of Mehrauli, Gandhak Ki Baoli is one monument you wouldn't want to miss.
- A brimstone monument, the Baoli served its purpose for a major part of next few centuries.
- Today, the Baoli lies abandoned, sometimes used by the locals as the swimming pool when the water level rises in the Baoli.
- Once a glorious 5 storeyed Baoli in Mehrauli, today this monument seeks redemption, a second life, except it hasn't sinned.



https://www.jmi.ac.in https://water.ncog.gov.in/AmritSarovar





# "GO AND VISIT" One of the biggest stepwells of DELHI



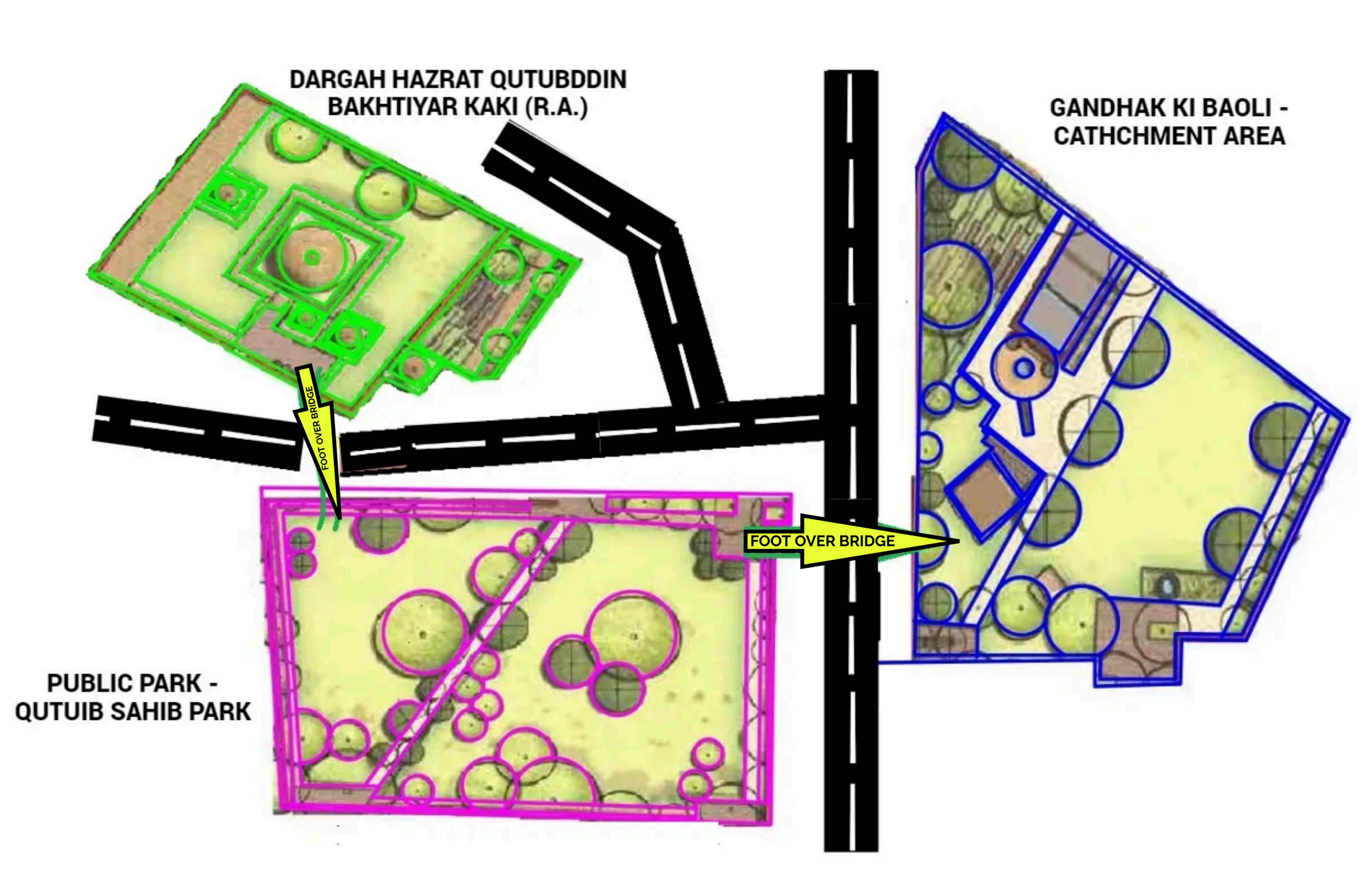
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T 22/8, NEAR WATER TANK FIRDAUSI MASJID, WARD NO 8, MEHRAULI VILLAGE, MEHRAULI, NEW DELHI, DELHI 110030



## MASTER PLAN

THE GANDHAK KI BAOLI





T 22/8, near water tank firdausi masjid, Ward No 8, Mehrauli Village, Mehrauli, New Delhi, Delhi 110030









### PLACES NEAR THE BAOLI

























### MISSION AMORIT SAROVAR - JAL DHAROHAR SANRAKSHAN

### GANDHAK-KI-BAOLI, MEHRAULI

### HISTORY

Iltutmish had built 'Gandhak Ki Baoli' for Khwaja Sayed Muhammad Qutb-uddin Bakhtiar Kaki who was a well renowned Sufi Saint during his reign who had greatly inspired the Sultan through his Islamic teachings.

It was the largest step-well ever built in

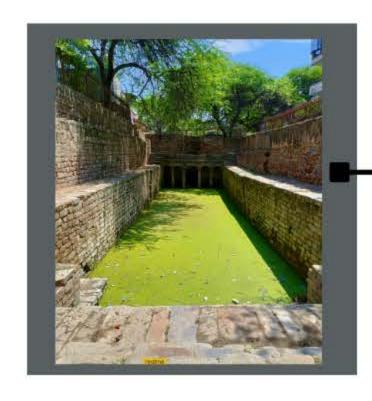
Delhi.

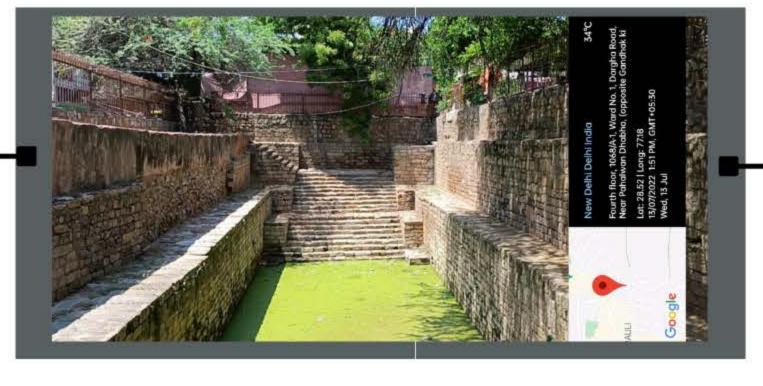
### HYDROLOGICAL Studies

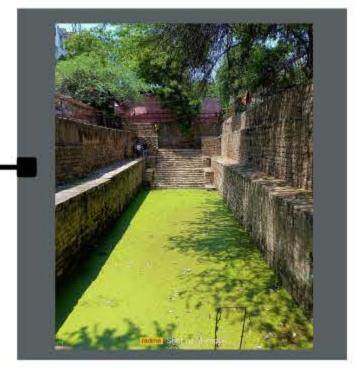
India's stepwells are subterranean water storage techniques of a historical period and also an architectural wonder. Mostly built in Western India's desert or low rainfed areas, stepwells are constructed on a vast deep area that can get filled with rainwater.

### MAPPING









### WHAT GAN BE DONE?

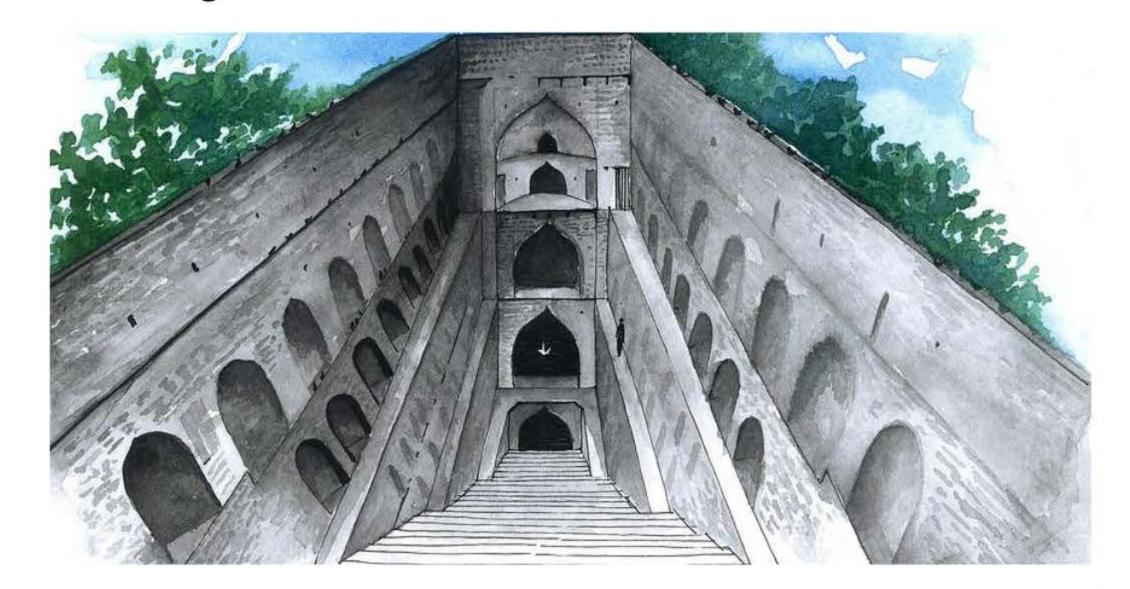
We can renovate the Baoli maintaining its true form.

All other engineering activity will decrease the authenticity of the place. So, the main focus is to bring back the original masterpiece.

We can clean, repair and make the well present in the Baoli to refill it with fresh water using the well present in the baoli.

### HOW WE WILL DO IT?

- De-silting
- · Analysis of the structure with detailed mapping.
- Reconstruction of the damaged portion using original stones and to fill the voids in the entire structure to prevent further damage.
- · Finishing work.







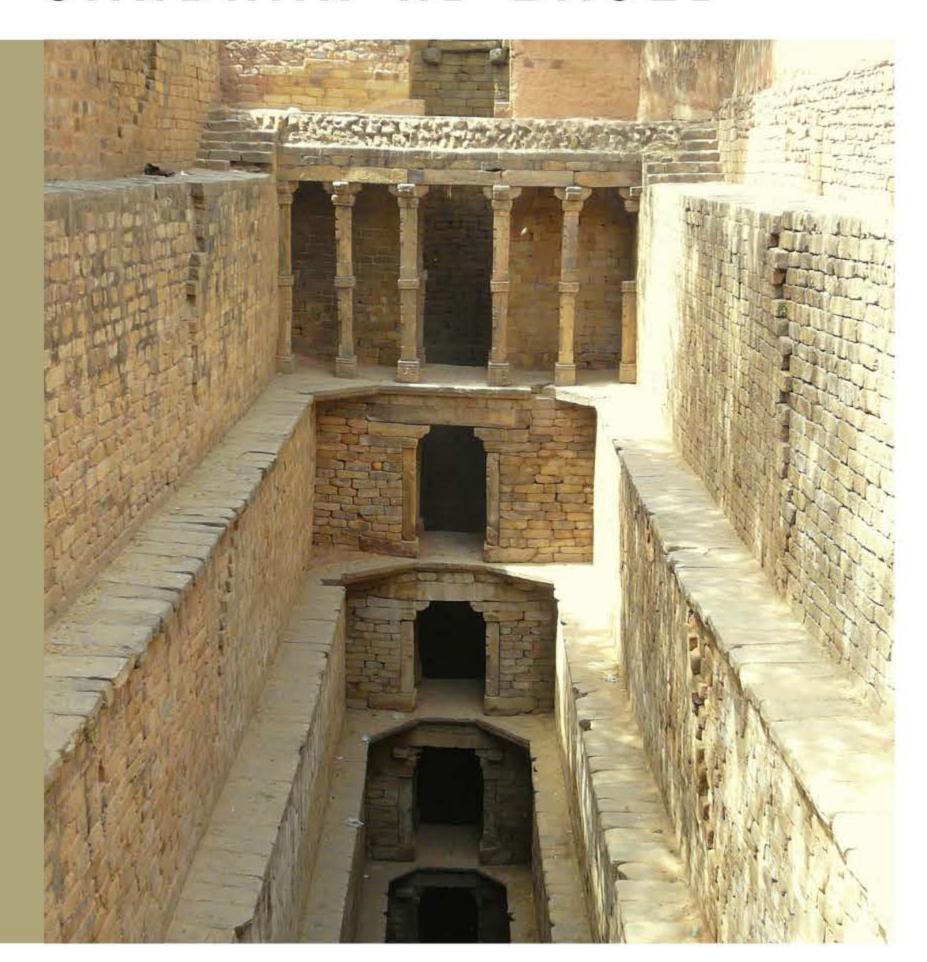






### REJUVENATION OF GANDHAK-KI-BAOLI

- DE-SILTING.
- ANALYSIS OF THE STRUCTURE WITH DETAILED MAPPING.
- RECONSTRUCTION OF THE DAMAGED PORTION USING ORIGINAL STONES TO FILL THE VOIDS IN THE ENTIRE STRUCTURE TO PREVENT FURTHER DAMAGE.
- FINISHING WORK.







### **ACTION TAKEN**

- Accurate condition assessment can be created using 3 D laser scanning data that shows actual structural deformations.
- A structural analysis of the structures surrounding the baoli can also be carried out.
- Temporary shoring can be installed to prevent further collapse and safeguard pilgrims.
- The collapsed portion should be rebuilt and portions of the Baoli dismantled prior to rebuilding using traditional building materials and building techniques.
- Lime mortar to fill the underlying voids identified in the GPRS study.
- After De-Silting, water quality should considerably improved with a drastic reduction in E-Coli levels.
- Proper metal fencing of the Baoli can be done.
- Remove concrete from over the passage of the baoli and strengthen the vaulted masonry.









### SITE VISITS

















### THE GANDHAKI BAOLI

13th Century(1211-1236 AD)







Gandhak Ki Baoli is part of the extensive network of Baolis in Delhi. One of the deepest stepwells in the city, Gandhak Ki Baoli is a reminisce of history, standing on the verge of fading into oblivion. A relatively hidden monument in the quaint unnamed streets of Mehrauli.

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REPRESENTING THE CURRENT SITUATION OF BAOLI





