



Preparation of Layout Map

Map Division
Office of the Registrar General India
New Delhi

Introduction:

- The Census data analyzes the land man relationship. In other words—
 - How many they are – Census Enumeration
 - Where they live – Location on land
- Thus – along with Census, Computer assisted Mapping known as GIS is also required.

Continued.....

GIS based Town Mapping- Main objectives

- To generate spatial geographic database for different housing units of the towns at ward level with other major physical/cultural features e.g. Physical features like river, nala , canal etc and cultural features like roads, important buildings, etc.
- To provide complete coverage of the spatial data of urban areas.
- To over come the problem of overlapping and gap areas (under estimation) in enumeration.
- To link census data with spatial data and store them in magnetic media for quick retrieval and analysis.

Census Enumeration Block (*EB*) Maps

- One of the pre-requisites of conducting a complete census enumeration of an area is the availability of current and accurate base map.
- Essential to identify the area allotted to an enumerator and also to ensure that each and every building, housing unit is covered.

Continued.....

Identification of EB

- Adjoining ward Number
- Adjoining EB Number
- With the help of
 - Locater map
 - Important land marks
 - Roads, lane, sub lane etc.

House numbering

- The house number will be the same as given in the map
- In case the house number is not given in the map
- For a new building which is not shown in the existing map, the new building would be numbered as building No. / 1, Building NO. /2

House numbering - Contd.

- Please note
- The EB map will remain the same for house listing/ population enumeration/ NPR even after inserting the new building/house number
- The stickers have to be prepared accordingly and affixed on the buildings

EB Maps

- Limited range of large scale maps are currently available and wherever they are available, they do not show sufficient details.
- Due to high growth in population in large cities and abundance of unplanned settlements, without an up-to-date map, it is difficult to conduct foolproof census operation with complete coverage of the entire area,

Continued.....

EB Maps

- With GIS technology, it is now possible to create detailed digital maps and to update them at regular intervals.
- The Census organisation has already completed the work of preparation of digital maps of the country showing administrative boundary of each State, District, Sub-district, Village and Town. However, preparation of detailed map showing lay out pattern including every building, lane, by-lane, road network etc. is now undertaken.

Continued.....

***EB* Maps**

- The detailed maps showing ward boundaries and housing details will be used for demarcating Census Enumeration Blocks (EBs).
- These digital maps are being prepared using GIS technology.
- This would result
 - Increase the accuracy of census enumeration.
 - Better data dissemination.

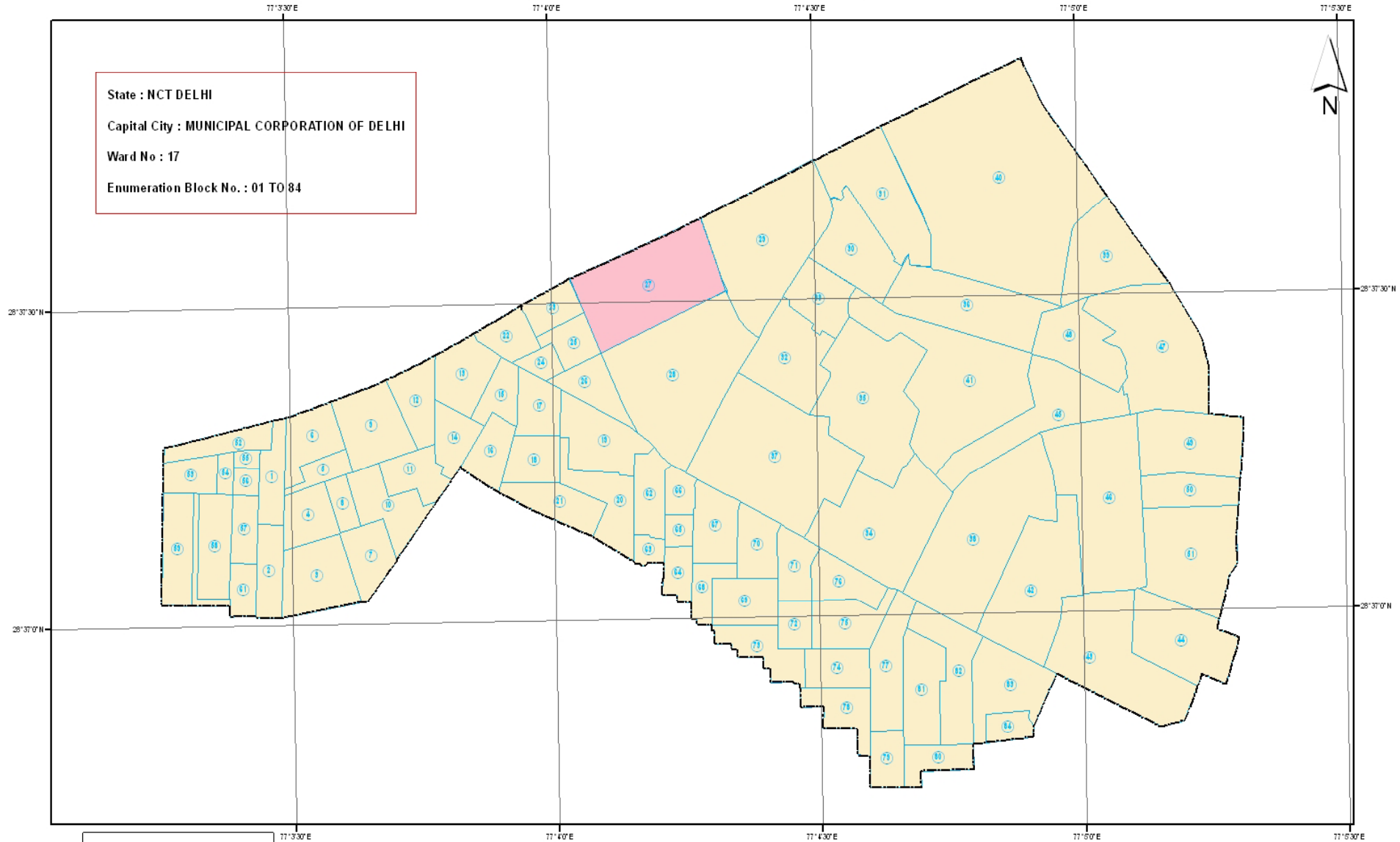
Continued.....

EB Maps

- In the pre-test and main census, it is proposed to give one copy of Supervisor Circle Map and two copies of EB map
- The EB map would also show the location of the EB with reference to the surrounding/adjoining areas

Continued.....

CENSUS OF INDIA : CENSUS ENUMERATION BLOCK (EB) LOCATOR MAP



State : NCT DELHI
Capital City : MUNICIPAL CORPORATION OF DELHI
Ward No : 17
Enumeration Block No. : 01 TO 84

Legend

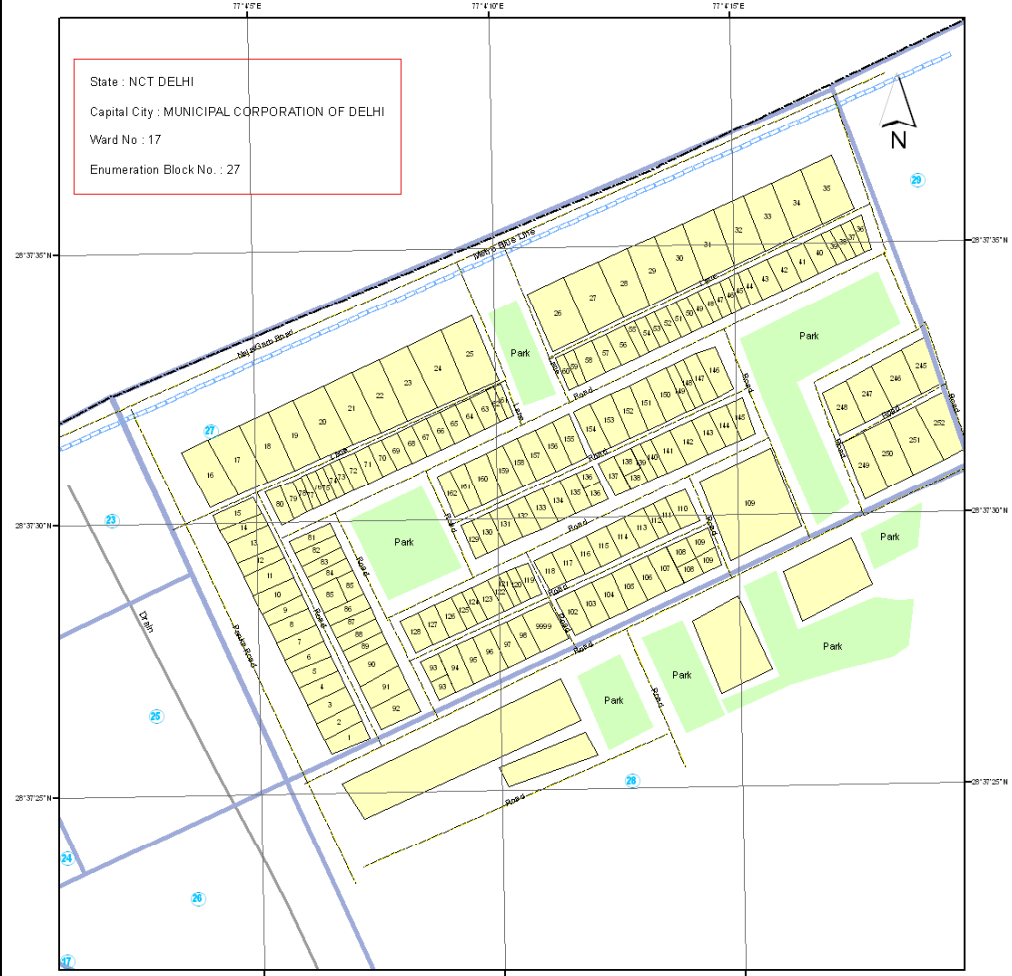
- Ward Boundary
- CEB Boundary with No.
- CEB Boundary with No.



FOR OFFICIAL USE ONLY

CENSUS OF INDIA : CENSUS ENUMERATION BLOCK (EB) MAP

State : NCT DELHI
 Capital City : MUNICIPAL CORPORATION OF DELHI
 Ward No : 17
 Enumeration Block No. : 27



FOR OFFICIAL USE ONLY



Legend

- Ward Boundary with N.o.
- Roads
- Rail
- CEB Boundary with No.
- Drain
- Park
- Parcels

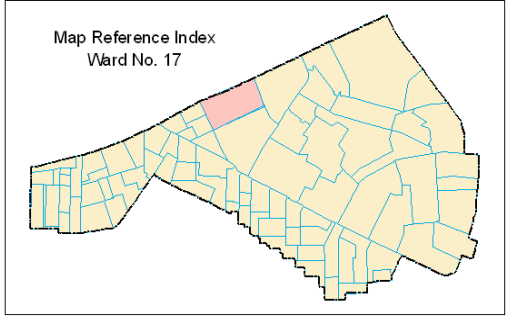
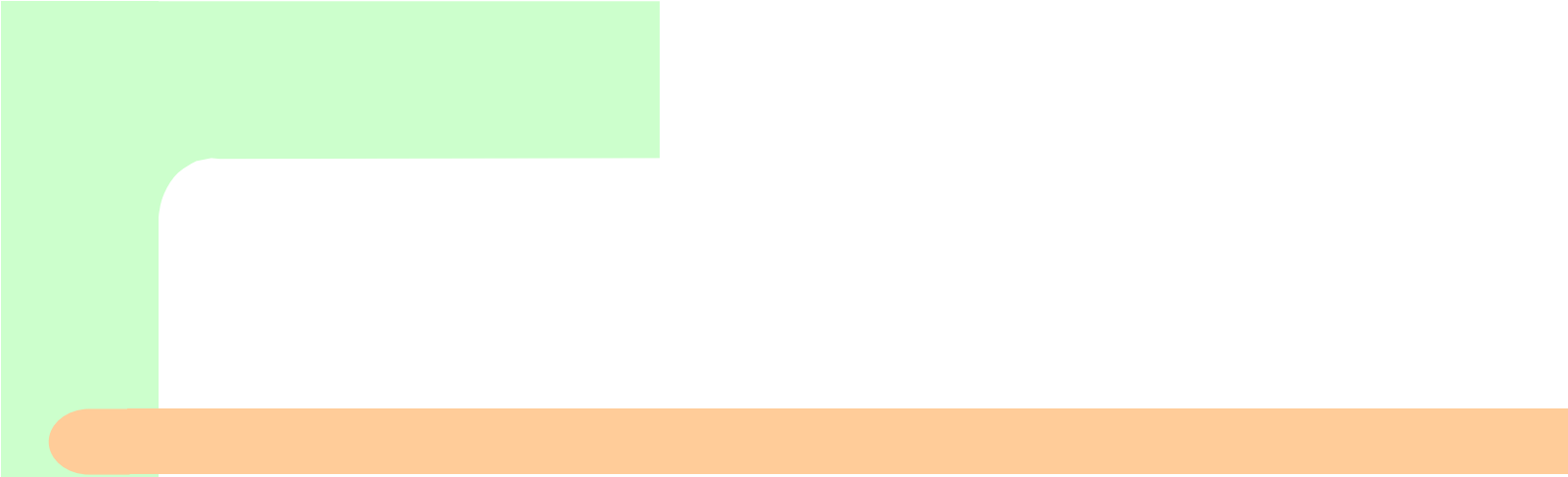


FIG.

- 
- DCO's would provide Supervisor Circle Map and EB maps with an inset (Locator Map) showing surrounding/adjoining EBs to the Supervisors / Enumerators for the Pre-test exercise.

The following details will be reflected in EB maps

- The tentative EB maps will be geo-referenced and Latitude & Longitude lines/values will be given on them besides the legend and scale.
- The EB map preferably will be in colour subject to the availability of relevant infrastructure in the respective DCOs, or it will be black & white only.

Continued.....

Details in the maps.....

- The size of tentative EB map will be preferably in A-3 size.
- Two copies of the EB map will be given for use during the Houselisting Operation
- The building/ house polygon/parcel will contain the house number as marked during the field verification.

Continued.....

Details in the maps.....

- The EB map would contain the EB serial number, ward number and name of the city/town on the top left corner of the map.
- The EB map would also contain the prominent features of that area, i.e. religious places, important land mark/building etc., if any, apart from the general information on road/street name.

Continued.....

Details in the maps.....

- After the completion of the House listing operation, the enumerator will have to return the EB map in original to his Supervisor/Charge Officer
- The same map with all the changes recorded would again be used for Population Enumeration and NPR.

Continued.....

Details in the maps.....

- Please note that in those areas where pre-printed EB maps are supplied, the EBs will not be changed during the entire pre-test.
- Even if the population in the EB is found to be high, it has to be covered by one Enumerator only
- The Enumerator will not make any copy of this EB map and share any information with any unauthorized person.

Continued.....

Thank you.....