

Analysis of Cropping Data

(Mahabhulekh and Cadastral Maps)

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Analysis of Cropping Data

★ Objective:

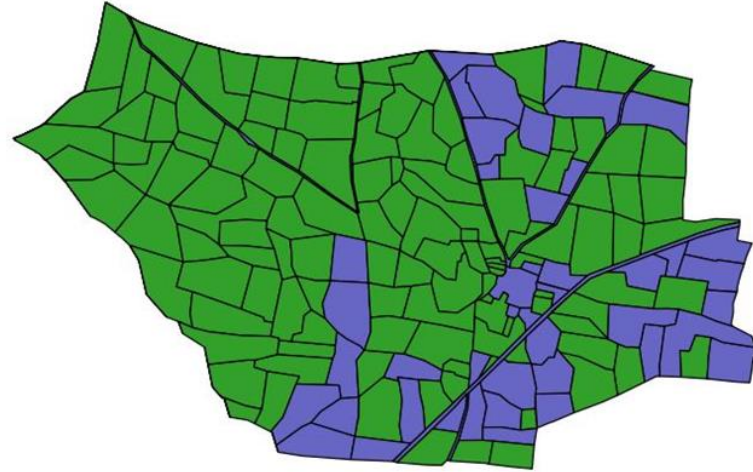
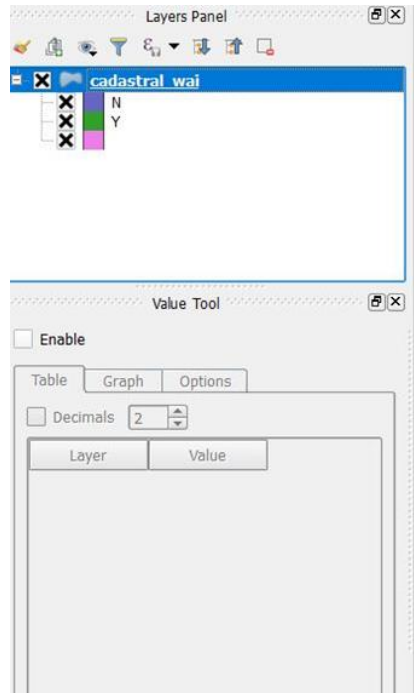
- Data is as collected by Mahabhulekh and objective is to analyse its comparability with cadastral Maps; i.e. ratio of surveys in cadastral are also present in Mahabhulekh cropping data.

★ Method:

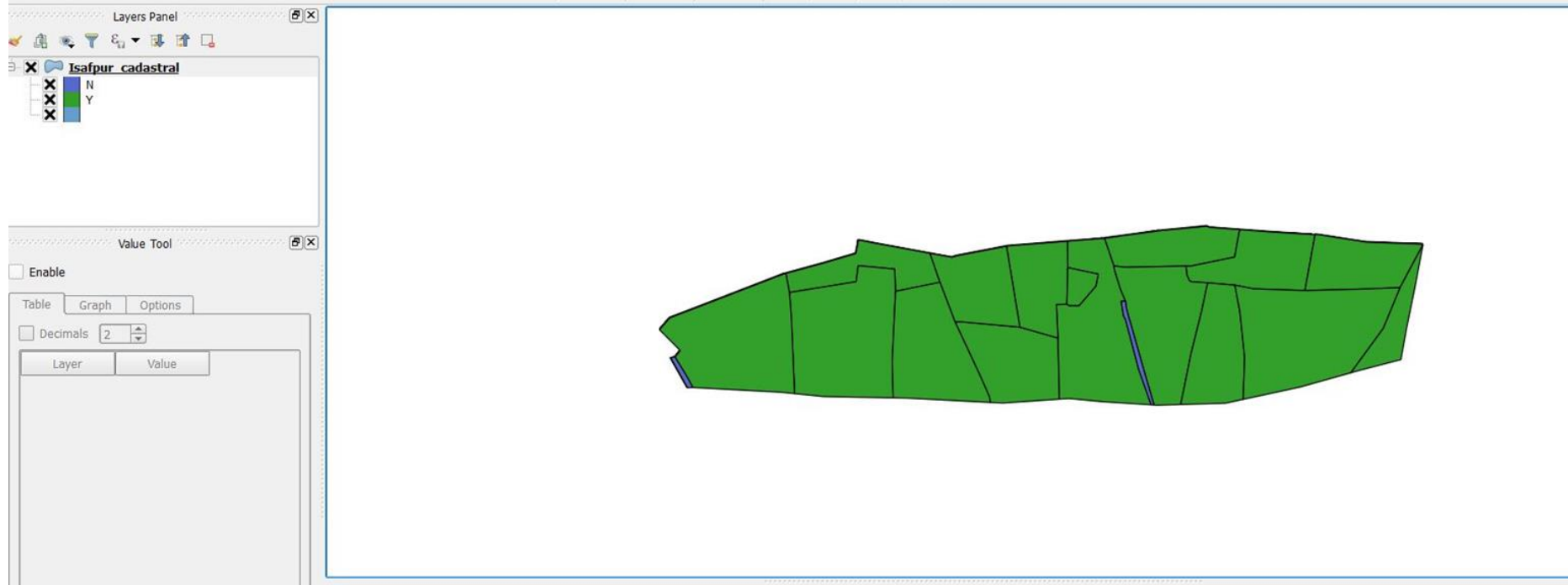
- Removing of duplicacy from cropping data as for multiple owners in same surve/subsurvey_no, there were duplicacy for crop1...crop n for all khatas(owners).
- Single entry for tuple (survey no + survey area + crop + crop area) is kept.
- Extracting numeric first part of survey nos (as cadastral maps only has numeric only survey nos) for each entry
- Comparing survey list obtained from above step with cadastral maps

★ Output Analysis and comments:

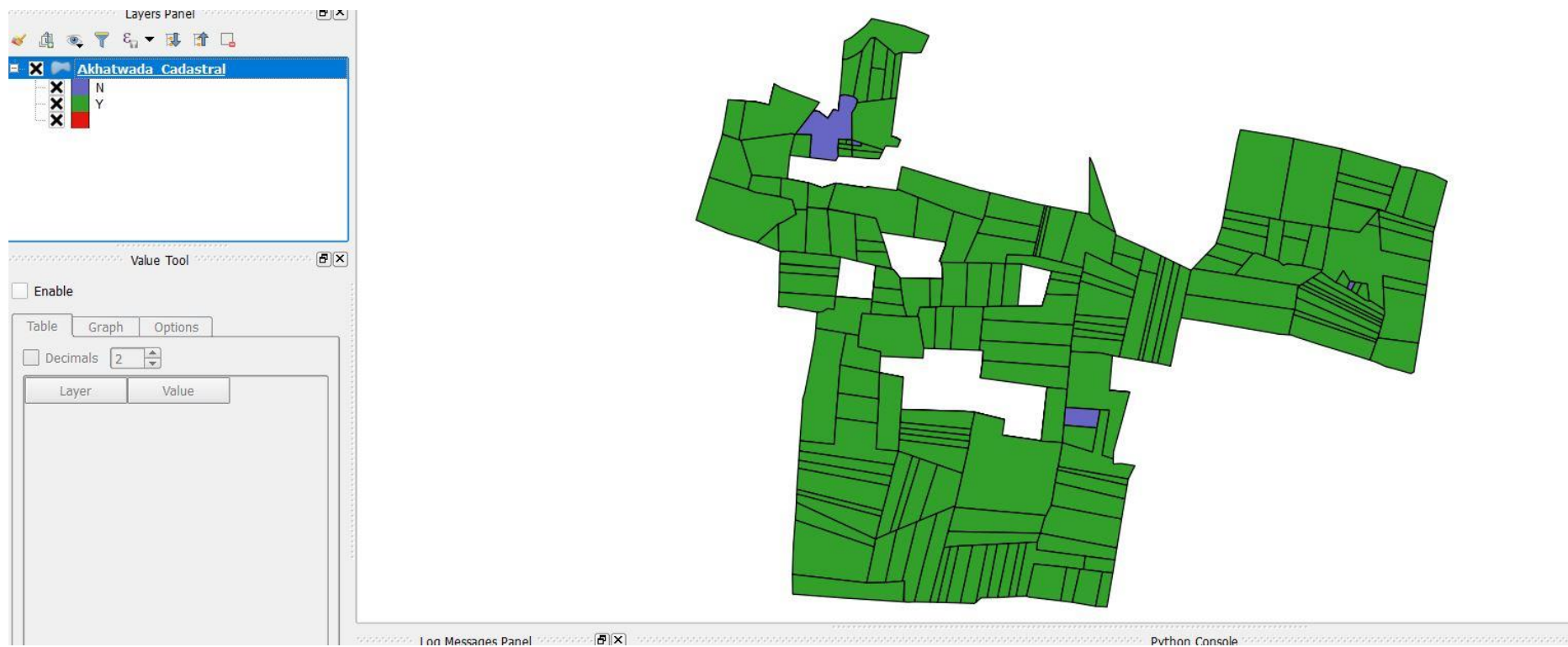
District	Village	Gat present/ Total survey nos	Total survey nos extracted from cropping data	Comments
Washim	Wai	142/202	175	Nearly 60 % surveys matched with cadastral
Washim	Isafpur	27/30	62	Cropping data has more survey nos than total gat in cadastral
Akola	Akhatwada	189/194	174	Mora data matched (189>174) as few polygons having same survey no
Akola	Moradi	298/307	292	Mora data matched(298>292) as few polygons having same survey no



Cropping data analysis for Wai, Washim



Cropping data analysis for Isafpur, Washim

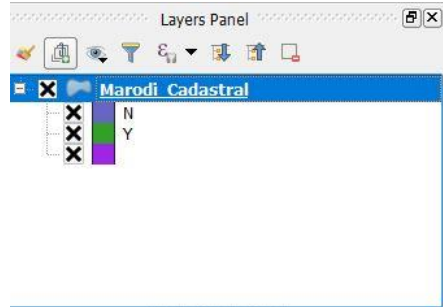


Cropping data analysis for Akhatwada, Akola

Layers Panel

Marodi Cadastral

N
Y



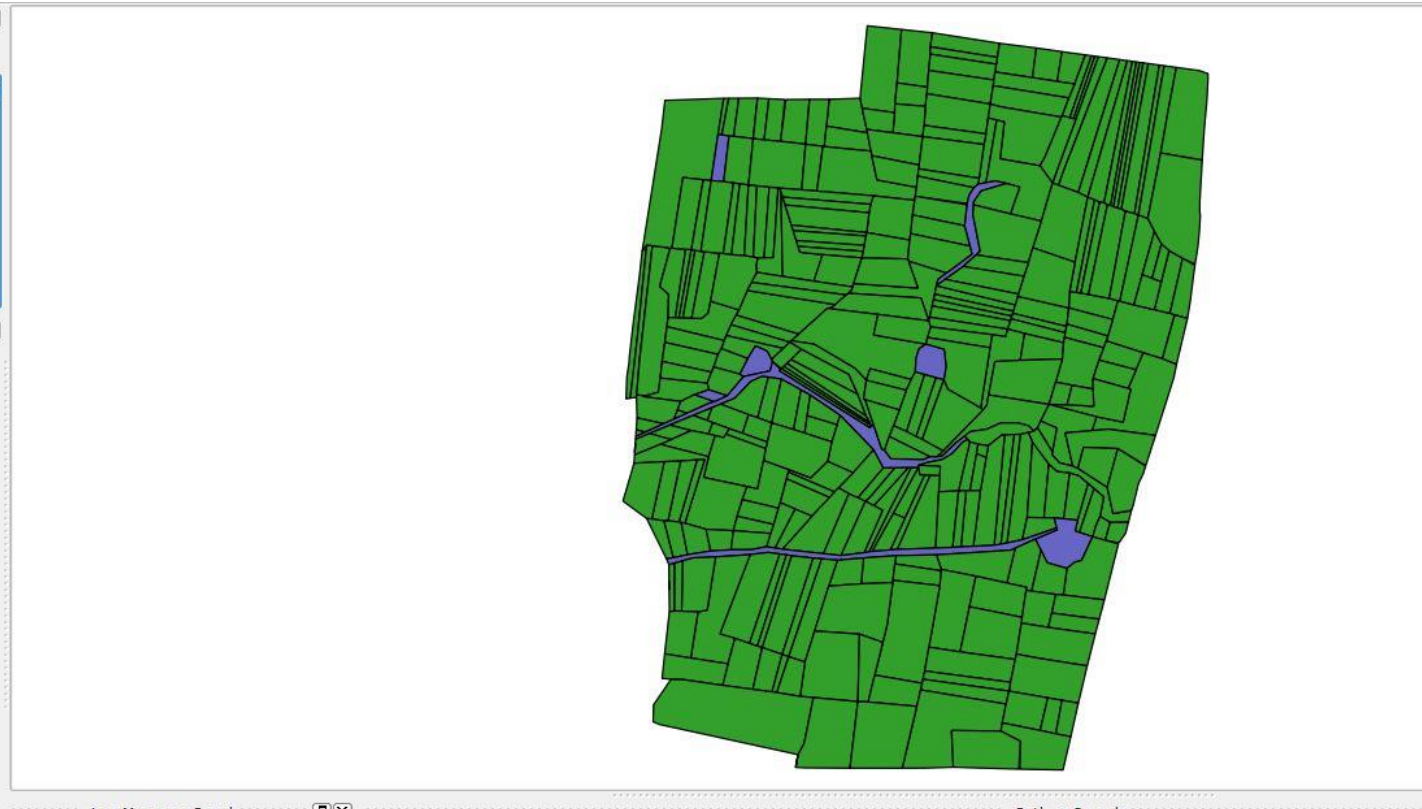
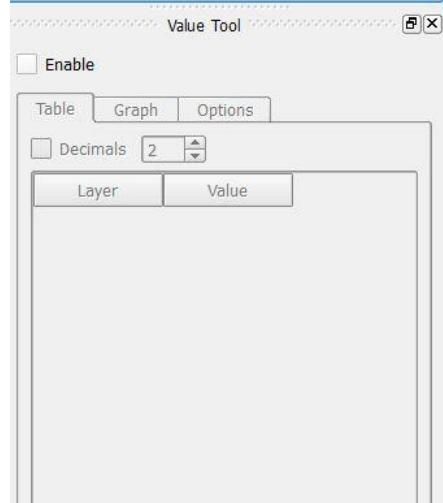
Value Tool

Enable

Table Graph Options

Decimals 2

Layer	Value
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Cropping data analysis for Marodi, Akola