

# **Step by step:** **digitisation projects of cadastral documents in** **the central archive of National Archives of** **Hungary, Budapest**

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National Archives of Hungary, Budapest

**Cartography and cadastral maps**

6-7 November 2013, Pisa

# Historical outline of Hungarian cadastre

- 20. 10. 1849. imperial patent about the stabile cadastre
- 04. 03. 1850. imperial patent about the provisional cadastre
- 1856 parcel by parcel survey
- 1875 revision



# Scattered preservation of the cadastral documents

- Archives – National Archives of Hungary
- Libraries – National Széchényi Library
- The Institute of Geodesy, Cartography and Remote Sensing
- land registration offices

# Cadastral collection in central archive of the NAH

## ▪ Map collection (section S)

- Cadastral collection:
  - maps (S 78)
  - written documents (S 79)
- Cadastral oleatas (S 76)
- other fonds/subfonds

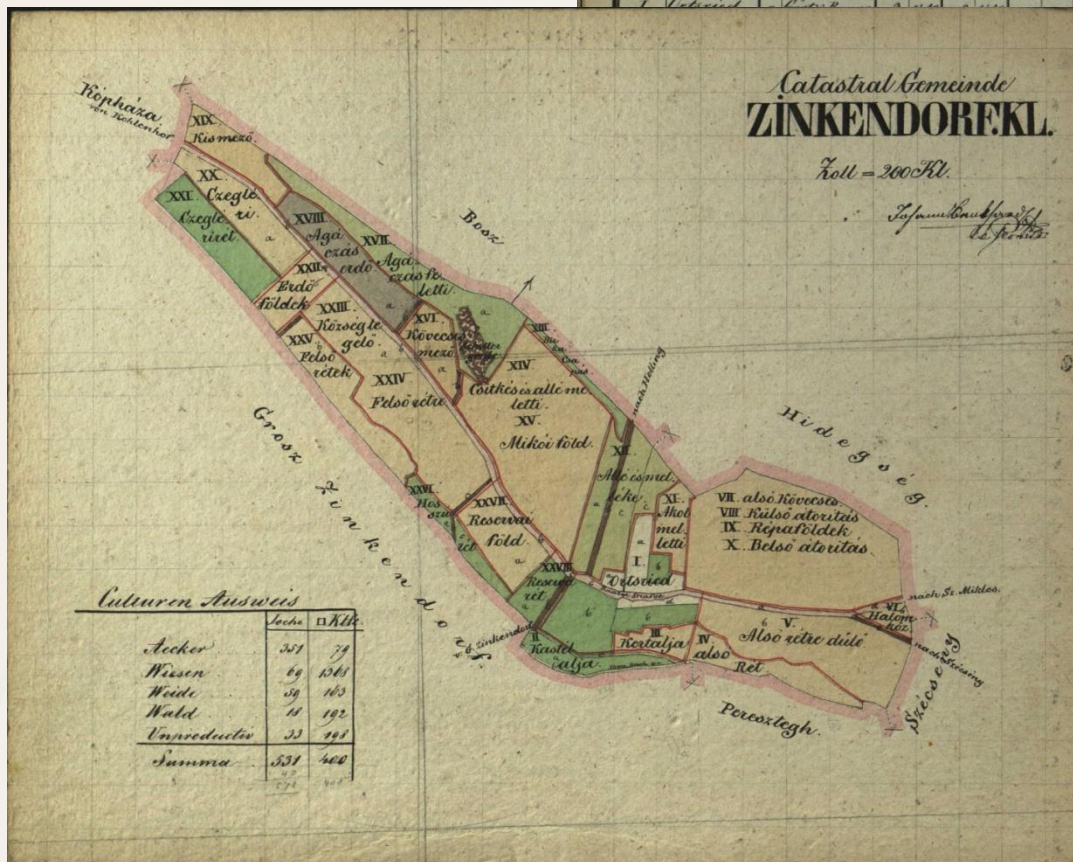
# Cartographic documents

	SCALE	SIGNATURE
SKETCH MAPS (croquis)	1:28,800, 1:72,000	S 78, S 79
PROVISIONAL MAPS	1:7,200	S 78
FIELD SKETCHES (Feldskizze)	1:2,880, 1:1,440, 1:720	S 79
ORIGINAL MAPS (Urmappe)	1:2,880, 1:1,440, 1:720	S 78
INDICATION SKETCHES (Indikationskizze)	1:2,880, 1:1,440, 1:720	S 78
AGRICULTURE MAPS (Kulturen-Skelett-Karte)	1:36,000	S 78
PRINTED MAPS	1:2,880, 1:1,440, 1:720	S 78
OLEATAS	1:2,880	S 76



# Sketch maps (croquis)

- 1850s, 1870s
- 1:28,800



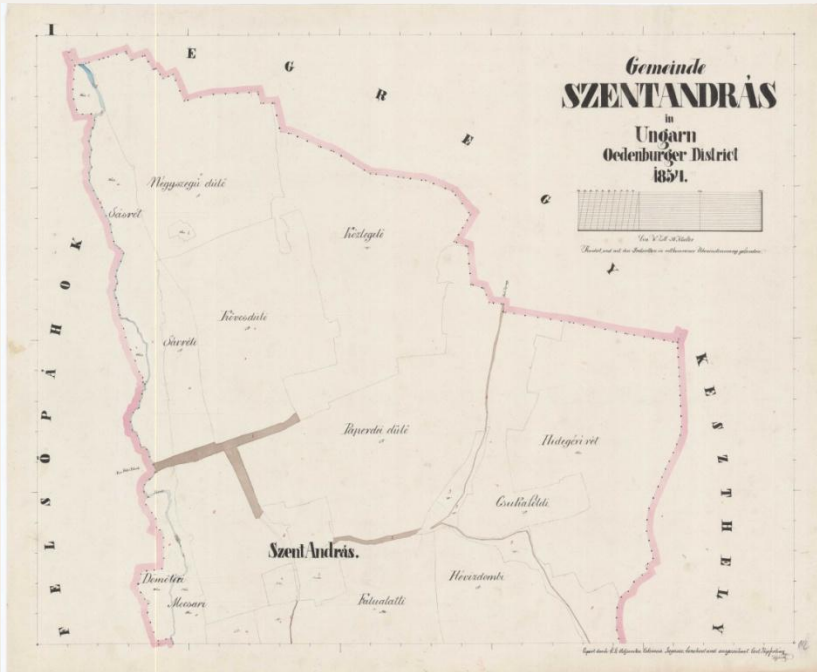
**Zusammenstellung**  
des nach Rieden und Culturen vermessenen Areale der ganzen Catastral-Gemeinde *Zinkendorf*.

Des Riedes N <sup>o</sup>	Namen	Culturs-Gattung	Areal			Anmerkung	Des Riedes N <sup>o</sup>	Namen	Culturs-Gattung	Areal			Anmerkung
			Der production fläche	Der unproduction fläche	Zusammen					Der production fläche	Der unproduction fläche	Zusammen	
I	Unproduktiv							Unproduktion					
XVII	Agacsas Erde	a Weide b Schuttengebirg	29 1339	17	1		XVII	Agacsas Erde	a Weide b Schuttengebirg	29 1339	17	1	
	Summa des ganzen Riedes		29 1341	2	26			Summa des ganzen Riedes		29 1341	2	26	
XVIII	Agacsas Erde	a Wald b Weg	11 192				XVIII	Agacsas Erde	a Wald b Weg	11 192			
	Summa des ganzen Riedes		11 192					Summa des ganzen Riedes		11 192			
XIX	Kismese	a Acker	12 364				XIX	Kismese	a Acker	12 364			
XX	Cigleri	a Acker b StraBe	16 160				XX	Cigleri	a Acker b StraBe	16 160			
	Summa des ganzen Riedes		16 160					Summa des ganzen Riedes		16 160			
XI	Cigleri rel.	a Weide	32 326				XI	Cigleri rel.	a Weide	32 326			
XII	Erde feldch	a StraBe b Acker	13 1132				XII	Erde feldch	a StraBe b Acker	13 1132			
	Summa des ganzen Riedes		13 1132					Summa des ganzen Riedes		13 1132			
XIII	Kozog legel	a Acker b StraBe	30 767				XIII	Kozog legel	a Acker b StraBe	30 767			
XIV	Pelo relch	c Weg					XIV	Pelo relch	c Weg				
	Summa des ganzen Riedes		30 767					Summa des ganzen Riedes		30 767			
XV	Reserva	a Weide b Weg c Weide	3 246				XV	Reserva	a Weide b Weg c Weide	3 246			
	Summa des ganzen Riedes		3 246					Summa des ganzen Riedes		3 246			
XVI	Reserva	a Acker b StraBe	15 1440				XVI	Reserva	a Acker b StraBe	15 1440			
	Summa des ganzen Riedes		15 1440					Summa des ganzen Riedes		15 1440			
XVII	Reserva	a Weide b Weg c StraBe	7 416				XVII	Reserva	a Weide b Weg c StraBe	7 416			
	Summa des ganzen Riedes		7 416					Summa des ganzen Riedes		7 416			
	Summa der ganzen Gemeinde		191 262	33	198			Summa der ganzen Gemeinde		191 262	33	198	

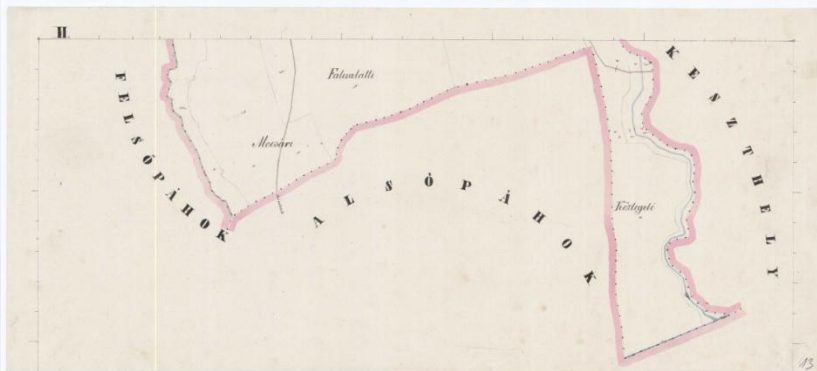
Summa am 21. August 1854.  
Revidirt: Jof. Topfer (ung.)  
2



# Provisional maps



- 1851-1860
- 1:7,200



# Field sketches (Feldskizzen)

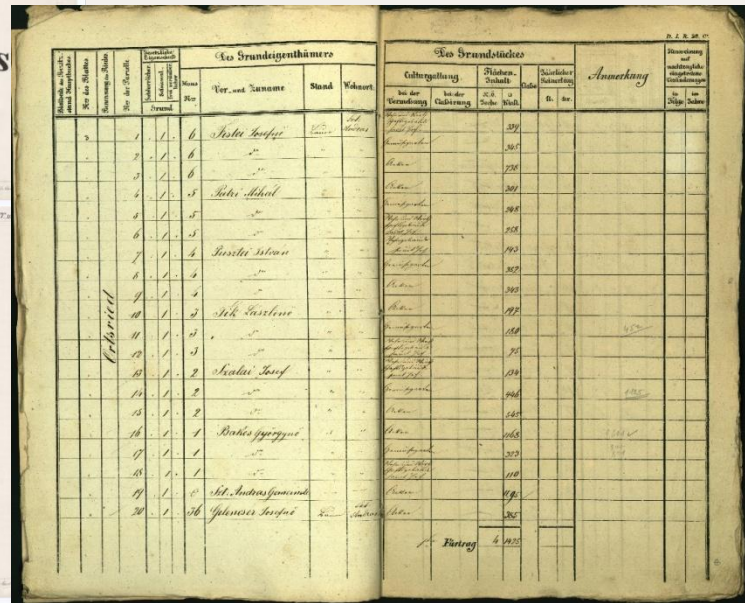


- from 1856
- 1:2,880



# Original maps (Urmappe)

- from 1856
- 1:2,880





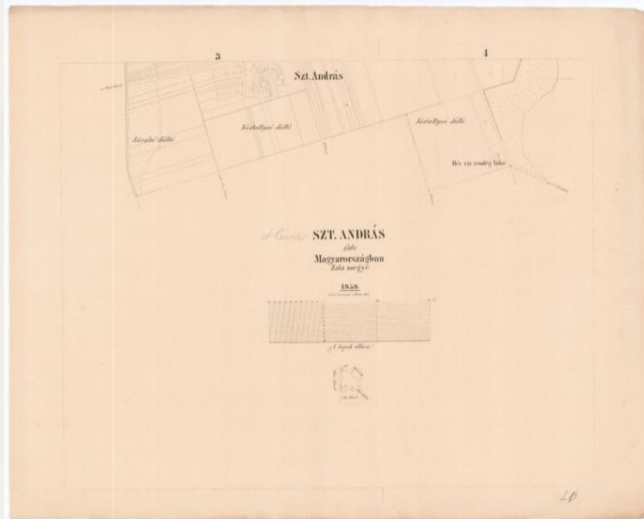
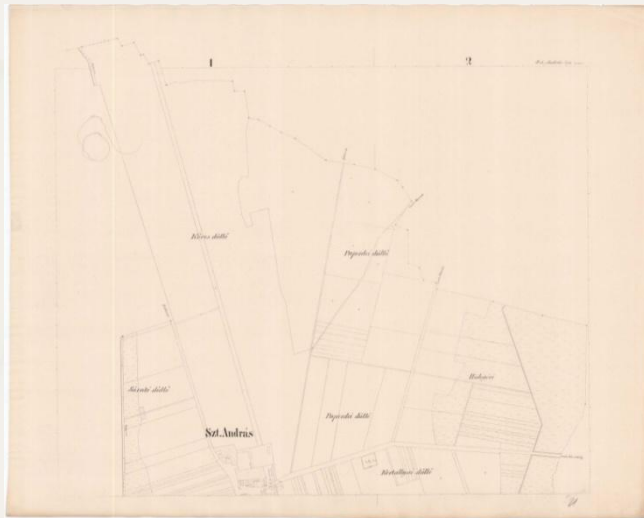
# Indication sketches (Indikationskizze)



- from 1856
- 1:2,880



# Printed maps



- from 1860s
- 1:2,880

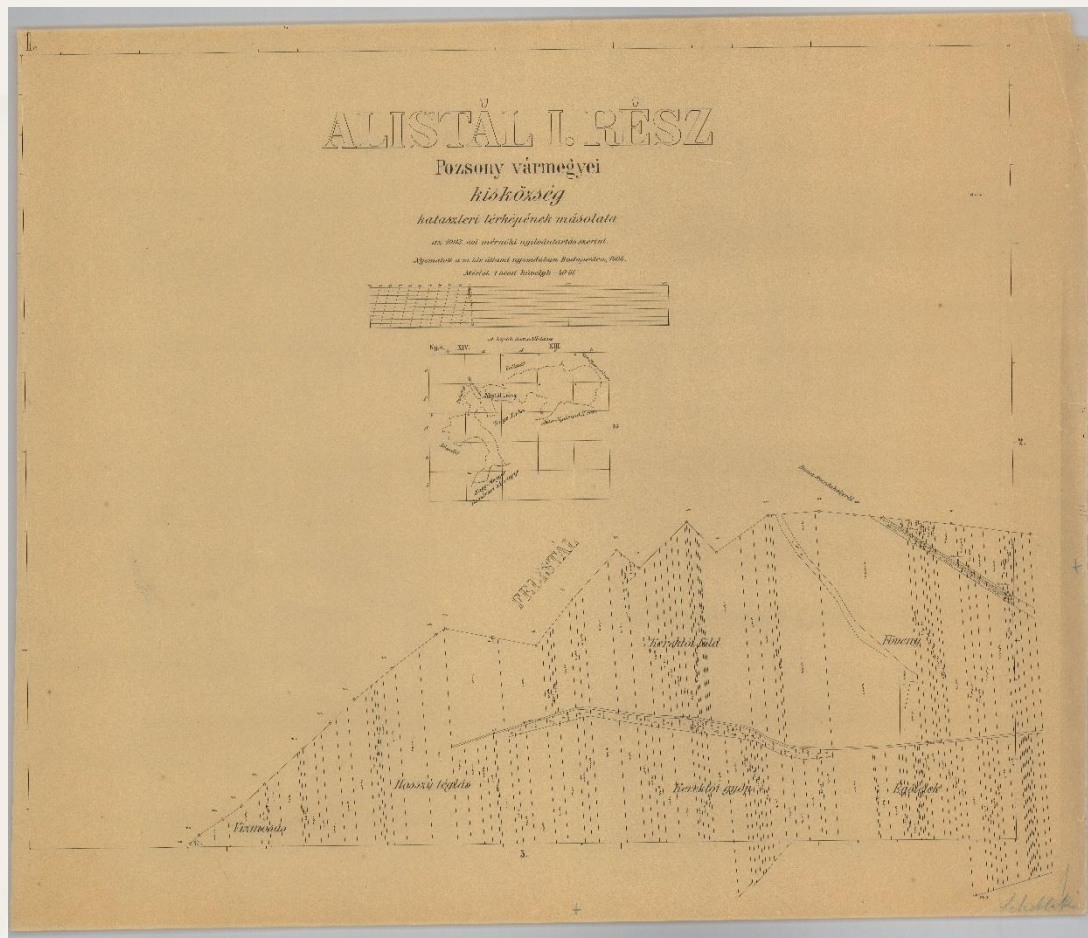
# Agriculture maps (Kulturen-Skelett-Karte)



- from 1860s
- 1:36,000



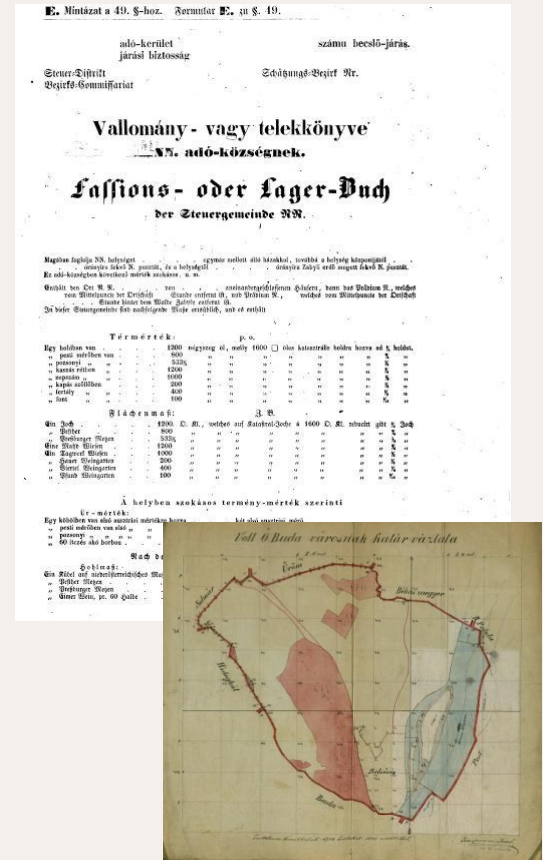
# Cadastral oleatas



- in the early 20th century
- 1:2,280

# Written documents (S 79)

- parcel protocols (Parzellenprotokoll)
- register of building plots (Auszug der Wohnhäuser)
- land use statistics (Ausweis über Benützung des Bodens)
- owners lists (Alphabetisches Verzeichniss der Grundbesitzer)
- house number lists (Häuserverzeichniss)
- border descriptions with boundary maps (Grenzbeschreibung, Grenzskizze)
- calculation protocols (Berechnungsprotokoll)
- registers of alterations
- etc.



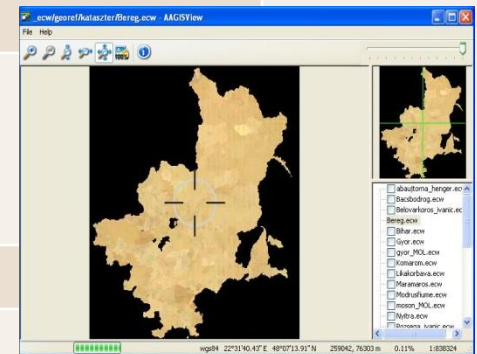


# Digitization of S 78

	Cadastral Project 1
Duration	2006-2008
Funding organisation	National Cultural Fund of Hungary
Archival material	S 78
Aim	<ul style="list-style-type: none"><li>- scanning of maps</li><li>- study about the digitisation of maps</li></ul>
Projectleader	Reisz T. Csaba
Outside contractor for digitization	GDL General Document Line Zrt. Arcanum Database Ltd.
	Results
Digital images	<ul style="list-style-type: none"><li>- 45 062 from 4571 maps</li><li>- 300 dpi, true color TIFF</li></ul>
Publications	<ul style="list-style-type: none"><li>- study/treatise about the massive digitization of the cadastral maps: <u>Kataszteri térképek tömeges digitalizálása</u></li></ul>

# Digitization of S 76

	<b>Cadastral Project 2</b>
<b>Duration</b>	2009
<b>Funding organisation</b>	National Cultural Fund of Hungary
<b>Archival material</b>	S 76
<b>Aim</b>	<ul style="list-style-type: none"><li>- scanning of maps</li><li>- georeference</li><li>- online publication</li></ul>
<b>Projectleader</b>	Reisz T. Csaba
<b>Outside contractor for digitization, georeference and publication</b>	Arcanum Database Ltd.
	<b>Results</b>
<b>Digital images</b>	<ul style="list-style-type: none"><li>- 36 000 from 1986 maps</li><li>- 300 dpi, true color, 75% JPG</li></ul>
<b>Publications</b>	<u><a href="#">georeferenced sheets online</a></u>







# Digitization of S 79

	Cadastral Project 3
Duration	2013-2015
Funding organisation	Hungarian Scientific Research Fund
Archival material	S 79 – written documents and field sketches
Aim	<ul style="list-style-type: none"><li>- description of the cadastral documents</li><li>- scanning of the field sketches (estimated number: 100.000 images about 56.000 quater sheets in case of the two-sided digitisation; 300 dpi, true color, 80% JPG)</li><li>- online catalog with images</li><li>- handbook about the cadastral documents</li><li>- list of the people participating in the cadastral survey</li><li>- regulations regarding the cadastral surveys</li></ul>
Projectleader	Reisz T. Csaba
Outside contractor for digitization	Arcanum Database Ltd.



# Description about the written documents

Rekord - JELZ={s 79\*} - MOL TÉRKÉP - Mozilla Firefox

mol.arcanum.hu/terkep/opt/a121112htm?v=pdf&q=JELZ%3D{s 79\*}&s=DAT&m=0&a=rec

1509 találat

**S 79 • Kataszteri iratok**

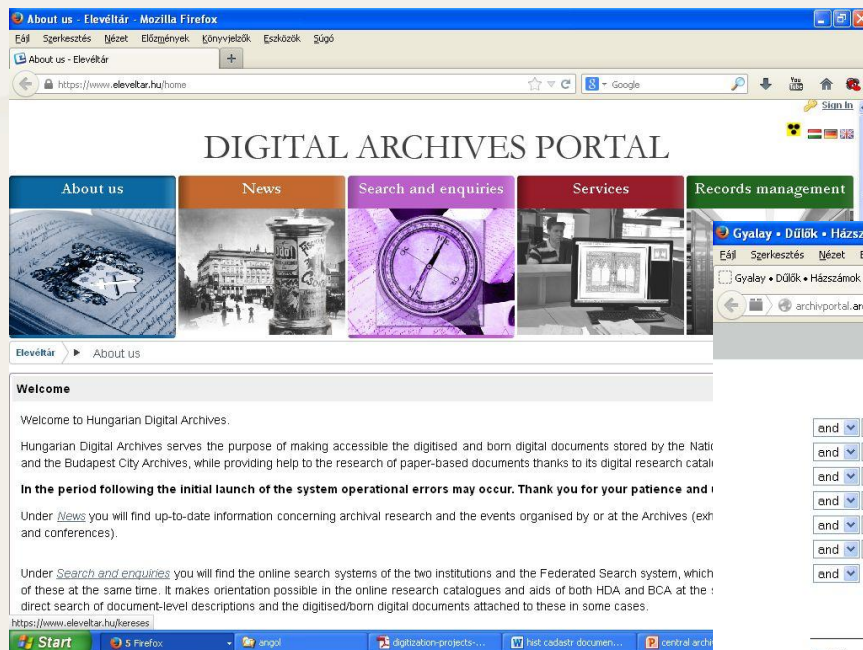
*Jelzet:* S 79 No 0001/1361-2112  
*Cím:* Bácsalmás község. Birtokrészleti jegyzőkönyv  
*Tárgy:* Bácsalmás (Bács-Bodrog m.)  
*Kelzés éve:* 1899-1901  
*Szerző (tervező):* Vozáry Pál, Rauchmann Géza  
Rozgony Barnabás  
Takács Béla  
Balogh Márton  
*Térképtípus:* birtokrészleti jegyzőkönyv  
*Eredetiség:* eredeti  
*Egyediség:* kéziratos  
*Nyelv:* magyar  
*Szelnényszám:* 2 füz.  
*Méret:* 852 p., 43 cm

javascript:parent.Prev()

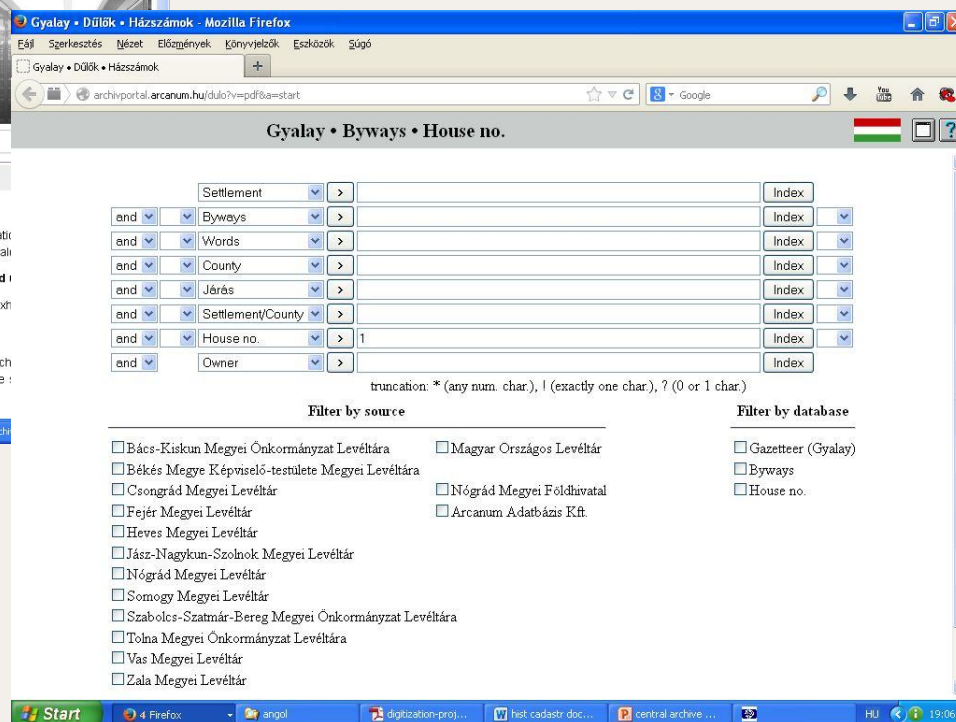
Start | Utasítás\_1869 | 4 Microsoft W... | MOL TÉRKÉP - ... | Lista - JELZ={s ... | Rekord - JELZ={s ... | central archive ... | HU | 20:57

# Future

[www.eleveltar.hu](http://www.eleveltar.hu)



[www.archivportal.hu](http://www.archivportal.hu)







***Thank you very  
much for your  
attention.***