

Minimum Field Note Indexing Fields

Field Name	Structure	Comments
Twp ID	Char (15)	The Twp ID value (see below) will be a concatenation of geo- state, meridian, township number, township fractional, township direction, range number, range fractional, range direction, range duplicate. Twp_id
State Code	Char (2)	A unique state code assigned to a U.S. state. geo_state_code
Meridian Code	Char (2)	A unique number assigned to a meridian line meridian_code
Township Number	Char (3)	The township number shall be a three-character integer value greater than zero (i.e., '012') township_nr
Township Fraction	Char (1)	The township fraction will be an integer value of (0, 1= ¼, 2= ½, 3= ¾) township_fraction
Township Direction	Char (1)	The valid values for township direction shall be north (N) and south (S) in all PLSS states except Ohio. East (E) and West (W) shall be valid in Ohio and non-PLSS states. township_dir
Range Number	Char (3)	The range number shall be a three-character integer value greater than zero (i.e., '033'). range_nr
Range Fraction	Char (1)	The township fraction will be an integer value of (0, 1= ¼, 2= ½, 3= ¾) range_fraction
Range Direction	Char (1)	The valid values for range direction shall be East (E) and West (W) for all PLSS states except Ohio. North (N) and South (S) shall be valid in Ohio and non-PLSS states. range_dir
Township Duplicate	Char (1)	The valid values for township duplicate are A or B or 0. Township_duplicate
Group Number	Char (5)	A number assigned to one or more survey instructions. If the instruction type is that of Contract, the group number is a contract number. group_nr
Instruction Date	Date	Date the survey instruction was generated. If the instruction type is a Contract, the instruction date is the contract date. Instruction_date
Survey Type Code	Char (3)	The survey type code describes the intent of the survey. plat_type_code

Field Name	Structure	Comments
Survey Type Other	Char (30)	Descriptor for metes and bounds surveys survey_type_other
Survey Number	Char (6)	A unique identifier assigned to a survey survey_nr
Survey Date	Date	The date the survey commenced approved_date , action_type
Surveyor first name	Char (30)	First name of the surveyor first_name
Surveyor middle name	Char (30)	Middle name of the surveyor middle_name
Surveyor last name	Char (30)	Last name of the surveyor last_name
Volume Number	Char (5)	The number of the volume (bound book) containing the field note. volume_nr
Boundary Type	Char (1)	Single character assigned for a boundary type boundary
Introduction Page From	Char (5)	The beginning page number of the introduction for the field notes. intro_page_from
Introduction Page To	Char (5)	The ending page number of the introduction for the field notes. intro_page_to
Survey Page From	Char (5)	The beginning page number of the survey for the field notes. survey_page_from
Survey Page To	Char (5)	The ending page number of the survey for the field notes. survey_page_to
Certification Page From	Char (5)	The beginning page number of the certification for the field notes. cert_page_from
Certification Page To	Char (5)	The ending page number of the certification for the field notes. cert_page_to

Field Note Image File Naming Convention:

Geo State (2)	Volume (5)		Page (5)		File Extension (3)
	Prefix (1)	Suffix/Number (4)	Number (4)	Suffix (1)	
AZ	R	0291	0054	A	tif/jpg

Field Note Image File Name Components

GEO_STATE (2 character field)

AZ = Arizona

VOLUME (5 character field, Left justified)

FN Index Db value

R0587

R*A (Ra on volume)

RA

RA001

CS Image naming value

R0587

R00*A

R000A

RA001

R4015 (Minnesota volume 22, 4th PM Minnesota)

R5015 (Minnesota volume 122, 5th PM Minnesota)

VOLUME_PREFIX (1 character field)

A thru Z = Volume prefix designation associated with field note volume number

4 = Minnesota volume for 4th Principal Meridian - Minnesota

5 = Minnesota volume for 5th Principal Meridian (for duplicate volumes)

0 = No volume prefix designation (**Null** in database)

VOLUME_SUFFIX (4 character field)

0291 = Field Note Volume Number

PAGE (5 character field, Left justified)

FN Index Db value

54

54A

1054A

CS Image naming value

00540 (No page suffix)

0054A

1054A

PAGE_NUMBER (4 character field)

0054 = Page 54 of a field note volume

PAGE_SUFFIX (1 character field)

0 = No page suffix designation for field note page (**Null** in database)

A = Designation for first unnumbered page occurring between numbered pages.

B = Designation for 2nd unnumbered page occurring between numbered pages.

C = Designation for 3rd unnumbered page occurring between numbered pages.

IMAGE_FILE_EXTENSION (3 character field)

JPG = JPEG File Format

TIF = Tag Image File Format

TWP ID Field components:

Geo State (2)	Meridian (2)	Tier (Township) (5)			Range (5)			Township Duplicate (1)
		Number (3)	Fractional (1)	Direction (1)	Number (3)	Fractional (1)	Direction (1)	
AZ	12	012	2	N	033	3	E	A