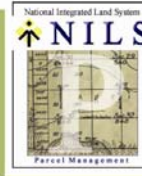
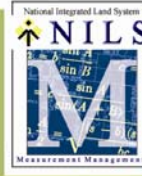
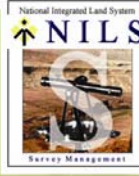


NILS



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National Integrated Land System

NILS GeoCommunicator

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Web Services Land Description Formatting

Overview

This documents details how derived land descriptions are formatted for the NILS GeoCommunicator Web Services. For more information on the Web Services see <http://www.geocommunicator.gov> Map and Data Services.

Functional Requirements for LD Formatting

Part	Description
Township	State Meridian Township Range
Section	Twp part + Section
3 rd Div Survey Types	Twp part + Section + 3 rd Div Type
3 rd Div Survey Type with Suffix	Twp part + Section + 3 rd Div Type + "Sfx" + suffix
3 rd Div Survey Type with Num	Twp part + Section + 3 rd Div Type + number
Special Survey Types	Twp part + Section + Type word + number, etc
Multiple parts in same section	Twp part + section + part 1, part 2, part 3
Adjacent parts in same section	Twp part + section + "rollup"

Survey Type	Word	Location
A & B	ALIQ	3 rd div
L	LOT	3 rd div
T	TRACT	3 rd div
U	UNSURVEYED	3 rd div
O	ALIQ	3 rd div
X	EXCHANGE	Special Survey
M	MINERAL SURVEY	Special Survey
H	HOMESTEAD ENTRY	Special Survey
G	GRANT	Special Survey
Z	Unsurveyed	Special Survey

Land Description Examples

In the following examples, TOWNSHIP and RANGE are not required.

Township

UT 26 TOWNSHIP 130N RANGE 20W ENTIRE TOWNSHIP;

Section

UT 26 TOWNSHIP 130N RANGE 20W SEC 17 ALL;

Aliquot

UT 26 TOWNSHIP 130N RANGE 20W SEC 17 ALIQ NWSW;

Aliquot (2nd div)

UT 26 TOWNSHIP 130N RANGE 20W SEC 17 ALIQ NW;

Aliquot with rollup

UT 26 TOWNSHIP 130N RANGE 20W SEC 17 ALIQ N2SW;
Ld Combines NESW and NWSW into N2SW

Aliquot with rollup (2nd div)

UT 26 TOWNSHIP 130N RANGE 20W SEC 17 ALIQ N2;
Ld Combines NW and NE into N2.

Aliquot with Survey Suffix

UT 26 TOWNSHIP 70N RANGE 40E SEC 1 ALIQ SWSE Sfx 09;

Lot

UT 26 TOWNSHIP 130N RANGE 20W SEC 18 LOT 1;
Ld does not display aliquot parts.

Tract

UT 26 TOWNSHIP 130N RANGE 20W SEC 11 TRACT 10;
Ld does not display aliquot parts.

Unsurveyed (Type U from 3rd Div)

UT 26 TOWNSHIP 150N RANGE 30E SEC 32 UNSURVEYED PB38;
PB where protracted block exists – will evaluate to the survey number stored in the data.

Unsurveyed (Type Z from Special Survey)

UT 26 TOWNSHIP 150N RANGE 30E SEC 32 UNSURVEYED NE
Where NE identifies an aliquot if one exists.

Multiple non-adjacent Aliquots in the same section

UT 26 TOWNSHIP 130N RANGE 20W SEC 18 ALIQ NWSW, ALIQ SENW

Adjacent Aliquots with Suffix in Same Section

UT 26 TOWNSHIP 130N RANGE 20W SEC 18 ALIQ NWSW Sfx 09, ALIQ SWSW

Combination Lot and Aliquots

UT 26 TOWNSHIP 130N RANGE 20W SEC 18 ALIQ NWNW, LOT 1;

Special Survey Type

UT 26 TOWNSHIP 130N RANGE 20W SEC 18 EXCHANGE 44

Special Survey Type Combination

UT 26 TOWNSHIP 130N RANGE 20W SEC 18 MINERAL SURVEY 56b, ALIQ NWSE