

**GeoCommunicator**  
*www.geocommunicator.gov*

**Web Services**  
**Land Description Formatting**

## Overview

This documents details how derived land descriptions are formatted for the 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 <sup>rd</sup> Div Survey Types	Twp part + Section + 3 <sup>rd</sup> Div Type
3 <sup>rd</sup> Div Survey Type with Suffix	Twp part + Section + 3 <sup>rd</sup> Div Type + "Sfx" + suffix
3 <sup>rd</sup> Div Survey Type with Num	Twp part + Section + 3 <sup>rd</sup> 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 <sup>rd</sup> div
L	LOT	3 <sup>rd</sup> div
T	TRACT	3 <sup>rd</sup> div
U	UNSURVEYED	3 <sup>rd</sup> div
O	ALIQ	3 <sup>rd</sup> 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 (2<sup>nd</sup> 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 (2<sup>nd</sup> 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 3<sup>rd</sup> 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