

**Layer Name:** landtype\_poly

**Description of Layer:** Landtype classification units.

**Data Collection Method:** Photo interpretation, transferred to 1:24k maps and digitized.

**Feature Class Description:** **Polygons:** Polygons within this feature class represent those areas within the limits of the landtype survey. For any analysis outside the limits of the landtype survey (wilderness or lands adjacent to National Forest lands) the polygons from the regional landtype association (LFPM) survey should be used. These latter polygons are included in the lta feature class, which not only represent unsurveyed areas, but the landtype association category of surveyed areas.

**Valid Values:** See landtype\_legend.doc for valid values.

#### **Related Tables:**

##### **DBASE Table Names:**

LT\_RANGE\_VW.DBF  
LT\_REGENERATION\_VW.DBF  
LT\_ROADS\_VW.DBF  
LT\_ROAD\_MAINTENANCE.DBF  
LT\_SOIL\_CHARACTER\_VW.DBF  
LT\_TIMBER\_VW.DBF  
LT\_WATERSHED\_VW.DBF

**Table Description:** Describes management interpretations for each landtype and landtype association. Each of the tables describes a set of limitations of soil characteristics related to the name of the table. The names of the interpretation columns are descriptive and should be self-explanatory. The table LT\_HAZARD\_SUBTYPE.DBF should help with describing the types of interpretation described.

**GIS/DBASE Linkage:** Each of these tables can be joined from the LT\_LTA column in the table to the LT\_LTA column in the polygons.

**Valid Values:** LT\_SEVERITY\_CODES.DBF, LT\_HAZARD\_SUBTYPES.DBF (for descriptions of columns)

##### **LANDTYPES.DBF**

**Table Description:** Describes the landtype map units.

**GIS/DBASE Linkage:** The column LANDTYPE can be joined to the LANDTYPE column in the landtype\_poly feature attribute table.

Column Descriptions:

DBF Column	Descriptive Name	Units	Description
Landtype	Map unit code	n/a	The landtype code for this landtype.
Seddc_up	Sediment Delivery Coefficient for upper slopes	T/sq mi/yr	Sediment delivery coefficient in T/sq mi/yr for the upper 1/3 of the sideslope position. Used to give relative comparison of the ability of map units to transport a portion of eroded material from their source areas downslope to a stream.
Seddc_mid	Sediment Delivery Coefficient for mid slopes	T/sq mi/yr	Sediment delivery coefficient in T/sq mi/yr for the midslope position. Used to give a relative comparison of the ability of map units to transport a portion of eroded material from their source areas downslope to a stream.
Seddc_low	Sediment Delivery Coefficient for lower slopes	T/sq mi/yr	Sediment delivery coefficient in T/sq mi/yr for the lower 1/3 of the sideslope position. Used to give a relative comparison of the ability of map units to transport a portion of eroded material from their source areas downslope to a stream.
Seddc_rid	Sediment Delivery Coefficient for ridgetops	T/sq mi/yr	Sediment delivery coefficient in T/sq mi/yr for the ridge top of the sideslope position. Used to give a relative comparison of the ability of map units to transport a portion of eroded material from their source areas downslope to a stream.
Seddc_ss	Sediment Delivery Coefficient for streamsides	T/sq mi/yr	Sediment delivery coefficient in T/sq mi/yr for the stream side of the sideslope position. Used to give a relative comparison of the ability of map units to transport a portion of eroded material from their source areas downslope to stream.
Geoero_sur	Geologic Erosion Coefficient for surface material	Unitless; 0-1	Surface soil erosion rate indexed to a base of 1.00. These were determined by comparing the Forest landtypes to those that most closely resembled those found in the Silver Creek Experimental Watershed on the Boise NF.
Geoero_sub	Geologic Erosion Coefficient for subsurface material	Unitless; 0-1	Subsurface soil erosion rate indexed to a base of 1.00. These were determined by comparing the Forest landtypes to those that most closely resembled those found in the Silver Creek Experimental Watershed on the Boise NF
Lu_slp_coe	Land Unit Slope Coefficient	Unitless; 0-1	Applied to the basic fire and logging erosion rates to modify the erosion rates to reflect relative differences in surface erosion between map units.
Masero_haz	Mass Erosion Hazard		Relative hazard of slope failure based on Level 1 Slope Stability analysis. Hazard for factor of safety greater than 1.2 is "LOW". Hazard for factory of safety .95 - 1.20 is "MODERATE". Hazard for factor of safety < .95 is "HIGH".
Soil_strng	Soil Strength	degrees	Friction Angle in degrees as it relates to an empirical standard as defined by Mohr's failure envelope. The higher the value, the steeper a slope can be sustained without failure.

