

Appendix B -Minimum Graphic Data Elements

Oregon Soils Data Standard Version DRAFT

GIS Table Name

Item Name ¹	Field Type	Size	Description
S_Map_Unit --> <i>Soil Map Unit polygons-- geospatial objects that represent the boundaries of soil map units that have been digitally encoded</i>			
REF_ID_COD	Character	25	Unique code assigned to each original reference map by data steward
SHAPE_ID	CounterFLDPL	10	Framework identifier generated by data steward
<i>MUSYM</i>	Character	10	Map Unit Label--original map unit label assigned to the polygon by the original author
<i>MUKEY</i>	Character	10	Map Unit Key—unique original map unit label assigned to the polygon by the original author
STATSGO_U	Character	20	General (STATSGO) Merge Unit--assigned unit that merges all of the original map unit shapes into STATSGOII map units.
ASSOC_U	Character	75	Soil association map unit--assigned aggregate for small-scale groups of soil map units
ORDER	Character	30	Soil Order of the major component in map unit--assigned soil taxonomic class at Order level
SUBORDER	Character	40	Soil Order of the major component in map unit--assigned soil taxonomic class at Suborder level
GROUP	Character	50	Soil Order of the major component in map unit-- assigned soil taxonomic class at Group level
SUBGROUP	Character	75	Soil Order of the major component in map unit-- assigned soil taxonomic class at Subgroup level
SERIES	Character	50	Soil series designation of two major components in map unit

S_Map_Line --> *Soil Map polylines—geospatial objects that represent linear features of soils that have been digitally encoded*

REF_ID_COD	Character	25	Unique code assigned to each original reference map by data steward
SHAPE_ID	Counter	10	Framework identifier generated by data steward
<i>LINE_ID</i>	Long	10	Internal identification number assigned by data steward to soil survey area
<i>FEATSYM</i>	Character	25	Original soil survey line symbol assigned by the original author
<i>FEATKEY</i>	Character	25	Unique original soil survey line symbol assigned by the original author

S_Map_Point --> *Soil Map points—geospatial objects that represent point features of soils that have been digitally encoded*

REF_ID_COD	Character	25	Unique code assigned to each original reference map by data steward
SHAPE_ID	Counter	10	Framework identifier generated by data steward
<i>POINT_ID</i>	Long	10	Internal identification number assigned by data steward to soil survey area
<i>FEATSYM</i>	Character	25	Original soil survey point symbol assigned by the original author
<i>FEATKEY</i>	Character	25	Unique original soil survey point symbol assigned by the original author

S_Ref_Map --> *Soils Reference Map Outline polygons—geospatial objects that delineate the areal extent of soil survey in the reference map*

REF_ID_COD	Character	25	Unique code assigned to each original reference map by data steward
SHAPE_ID	Counter	10	Framework identifier generated by data steward
<i>AREA_ID</i>	Long	10	Internal identification number assigned by data steward to soil survey area
<i>AREASYM</i>	Character	25	Original soil survey area symbol assigned by the original author
<i>SPATIALVER</i>	Character	25	Original soil survey digital data version

¹Italicized Item Names directly correspond to FGDC-SGDS Soil Spatial Data Elements