

## Appendix A. Names and Descriptions of GIS Files Published with this Report

[Files are available online at <http://pubs.usgs.gov/sir/2011/5214>]

File name	Short name	Description
RiverCenterline	River centerline	Centerline of the largest wetted channel of the Matanuska River in 2006 within the study area
River_MI	River miles	Points designating the location of even-mile-increments along the 2006 river centerline within the study area.
River_KM	River kilometers	Points designating the location of even-kilometer-increments along the 2006 river centerline within the study area.
BraidPlainCenterline	Braid plain centerline	Centerline of the 2006 Matanuska River braid plain within the study area.
BraidPlain_MI	Braid plain miles	Points designating the location of even-mile-increments along the 2006 braid plain centerline within the study area.
BraidPlain_KM	Braid plain kilometers	Points designating the location of even-kilometer-increments along the 2006 braid plain centerline within the study area.
Banklines_2006	2006 banklines	Lines designating the toe of slopes for banks and significant geomorphic features along the Matanuska River corridor within the study area.
BraidPlainMargin_1949	1949 braid plain margin	Line designating the position of the braid plain margin in 1949.
BraidPlainMargin_1962	1962 braid plain margin	Line designating the position of the braid plain margin in 1962.
BraidPlainMargin_2006	2006 braid plain margin	Line designating the position of the braid plain margin in 2006.
ErosionControlFeatures	Erosion control features	
Erosion	Erosion 1949–2006	Amount of braid plain margin change 1949-2006 computed from transects and projected onto 2006 braid plain margin position
GeomorphicFeatures	Geomorphic features	Polygons depicting mapped geomorphic features within the Matanuska River valley.
Uplands	Uplands	Single polygon enclosing the part of the study area that was not mapped. This area is generally outside the bounds of alluvial features associated with the Matanuska River and its tributaries.
GeomorphicReaches	Geomorphic reaches	Polygons outlining geomorphic reaches designated in this report for the Matanuska River.
ProjectBoundary	Study area boundary	Polygon outlining the study area for this report.
Railroad	Abandoned railroad	Lines designating the location of remnants of the abandoned railroad near or along the Matanuska River banks.