Appendix 7 – Remote-sensing imagery.

(Files available at
http://pubs.usgs.gov/of/2012/1083/of2012-1083_appendixes/of2012-1083_appendix_7/)
     Digital data from the remote-sensing images are provided in the
Appendix_7_Remote_Sensing_Imagery_PhaseII folder. The raw data files are large, approximately 55 MB for the thermal infrared (TIR) images and 110 MB for the red, green, blue (RGB) images. Because of these large file sizes, smaller TIFF files of these images are provided in the ***Imagery_Clips*** folder. These TIFF files are named using the following convention: ***YYYY_MM_DD_XXX***, where ***YYYY*** is the year, ***MM*** is the numeric month, ***DD*** is the day of the month, and ***XXX*** is the image type (***'rgb'*** or ***'TIR'***). Note that two images were collected on September 23, 2009, and these are labeled *A* and *B* for the early and late flights, respectively.

     Raw data are provided in the ***Imagery_ALL*** folder. Before accessing these data, please review the metadata provided for both the RGB data (***dmsc_xxxxxx_rgb_metadata.htm***) and the TIR data (***tir_xxxxxx_rgb_metadata.htm***). These metadata files have complete information about image acquisition and processing. Each individual image has three files: a full resolution TIFF file (.tif), a full resolution raster file (.rrd), and an auxiliary information file associated with the image (.aux). These files are named with the following convention: ***ZZZ_MMDDYY_XXX.YYY***, where ***ZZZ*** is the sensor type (***'dmsc'*** for the multispectral sensor, ***'tir'*** for the thermal infrared sensor), ***MM*** for the numeric month, ***DD*** for the day of the month, ***YY*** for the last two digits of the year (***'09'*** for 2009), ***XXX*** for the image type (***'rgb'*** or ***'tir'***), and ***YYY*** for the file type as noted above. For further information about these images and imagery data, see the metadata.