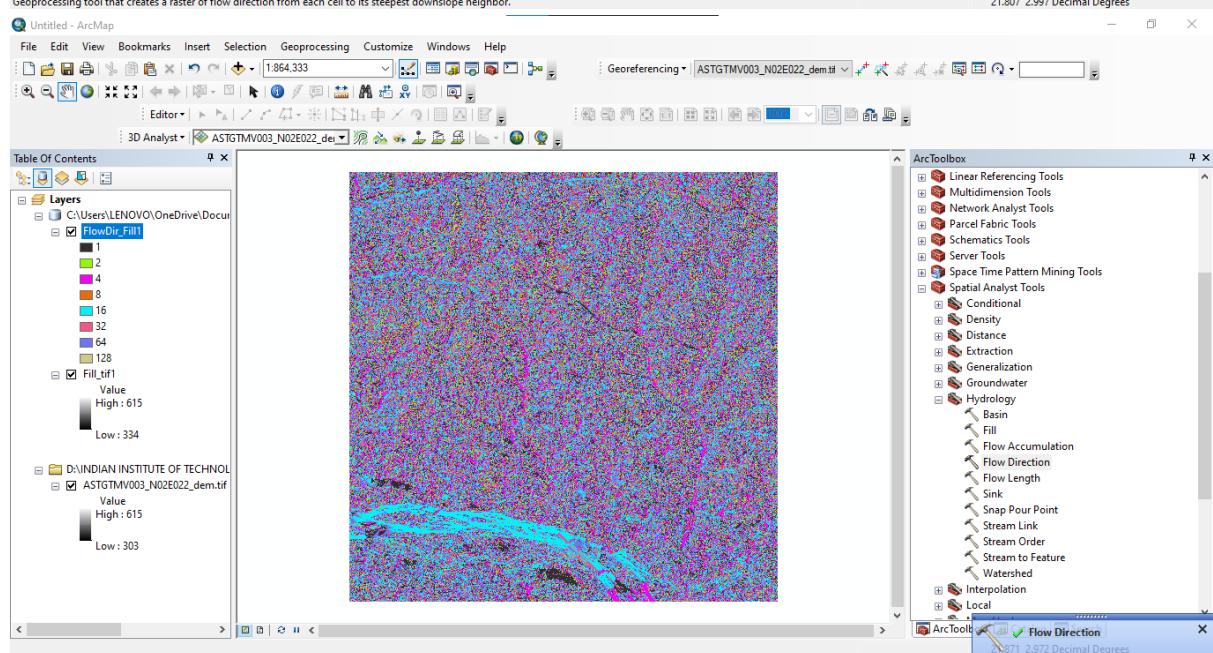
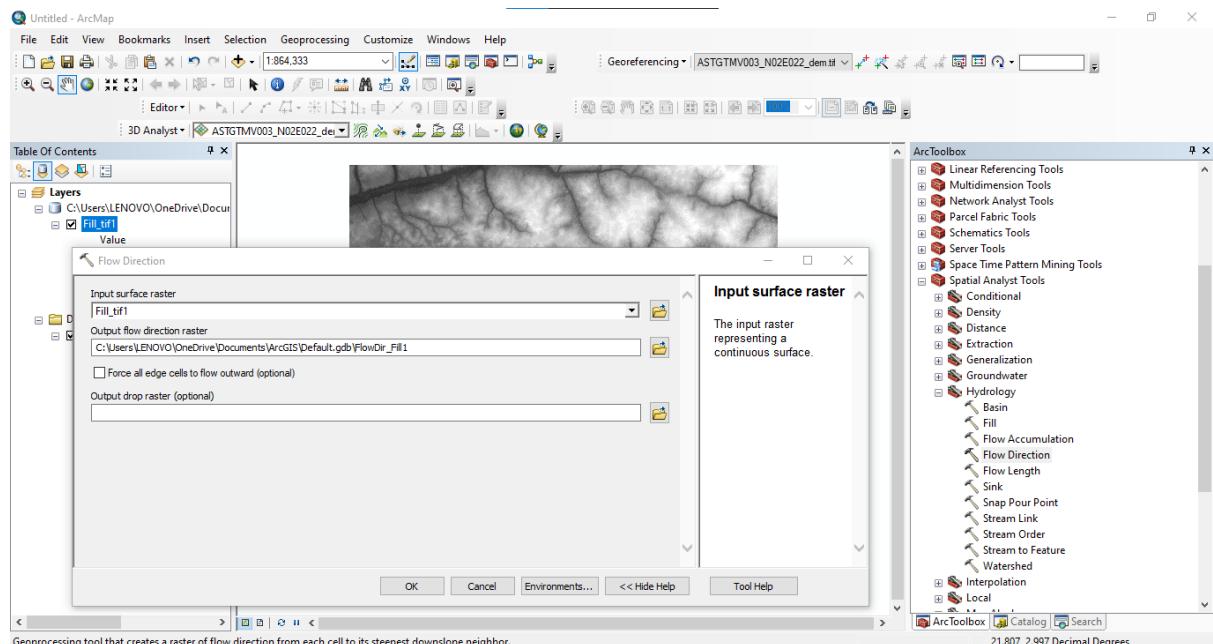
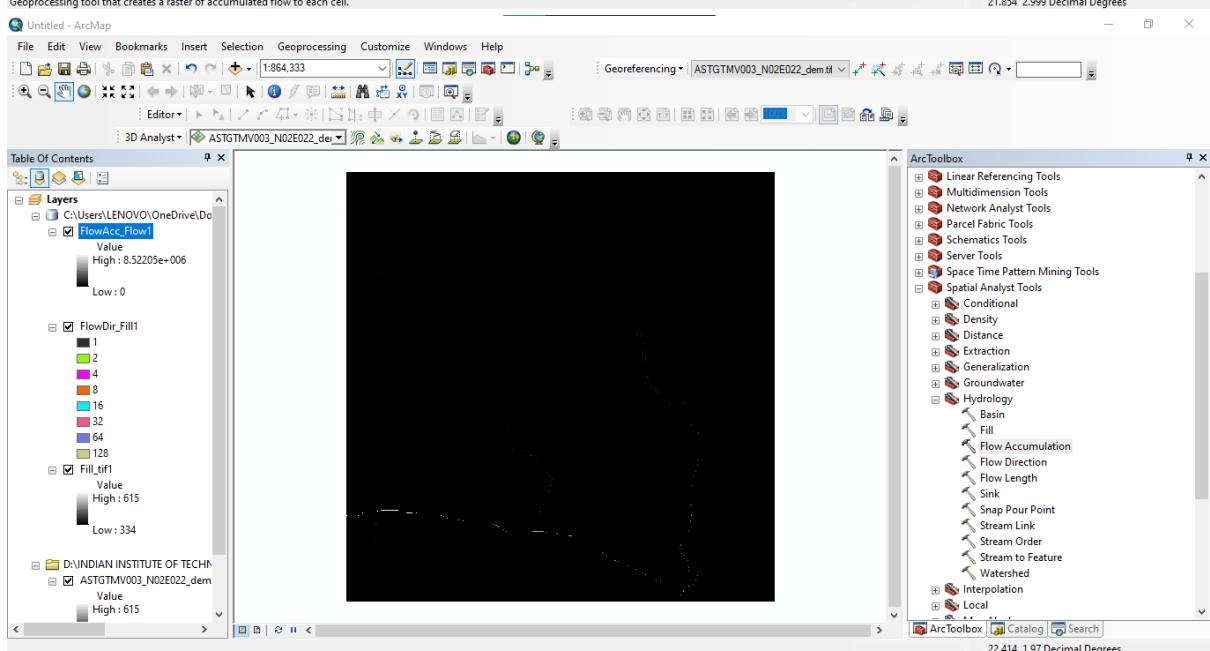
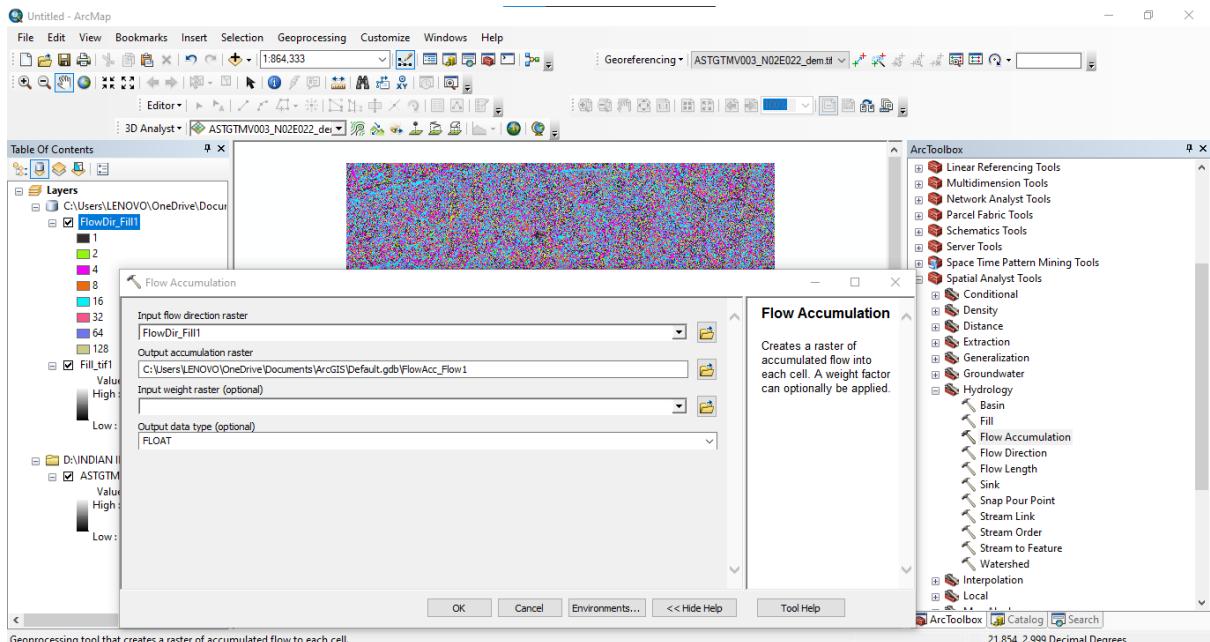


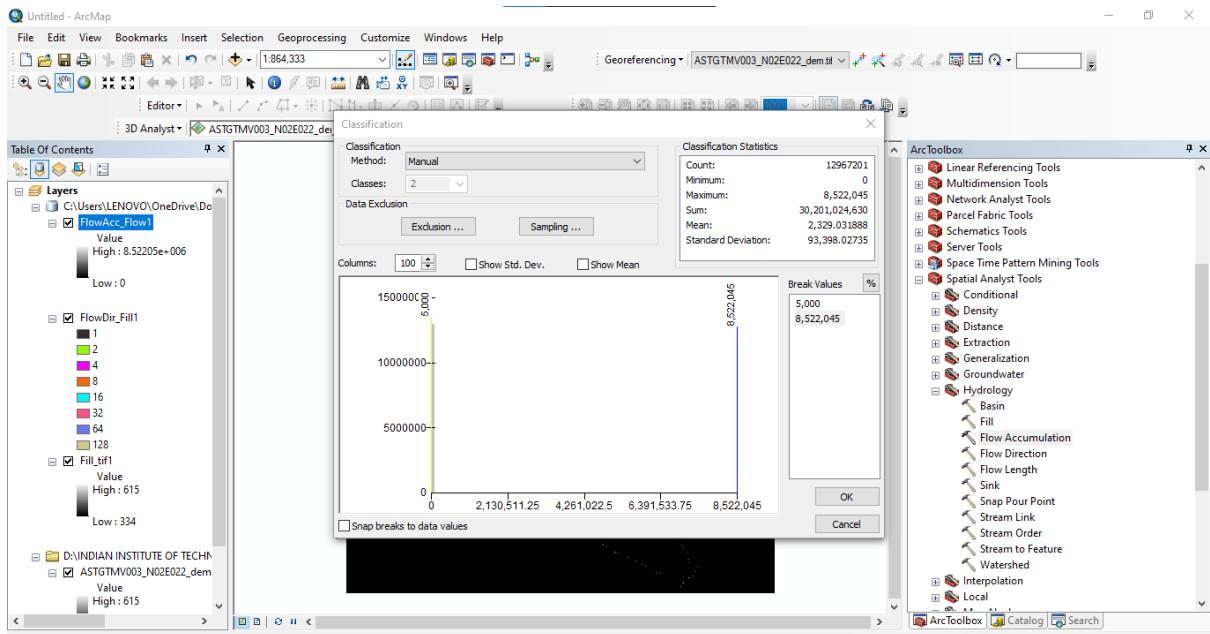
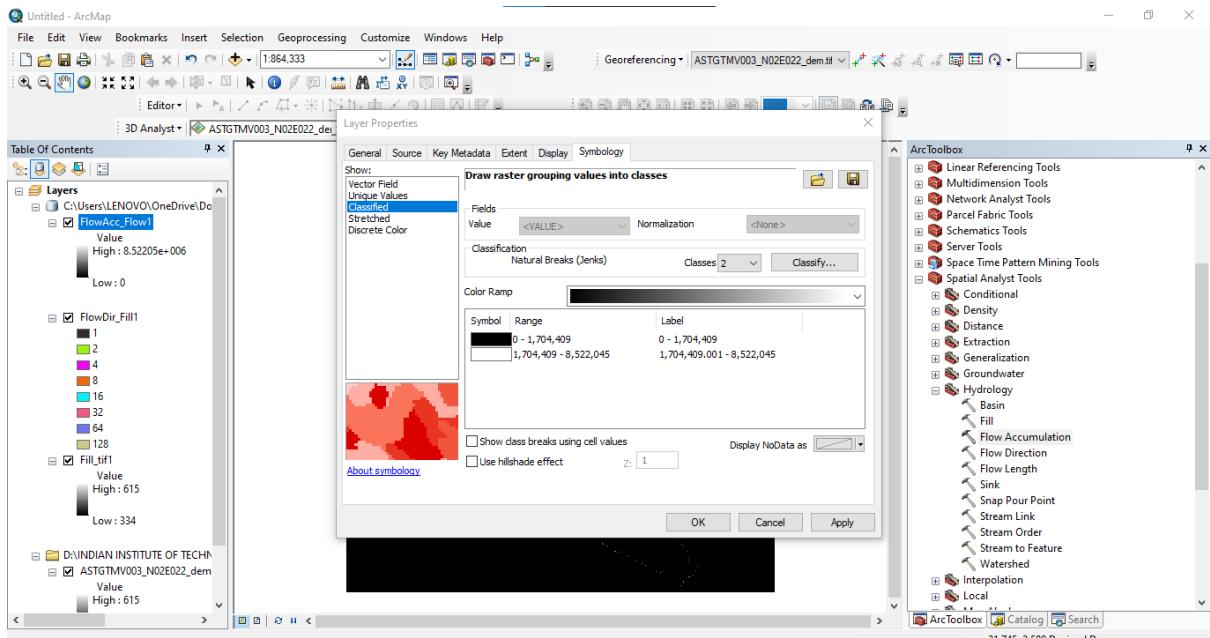
Stream Order from a Digital Elevation Model (DEM) using ArcGIS

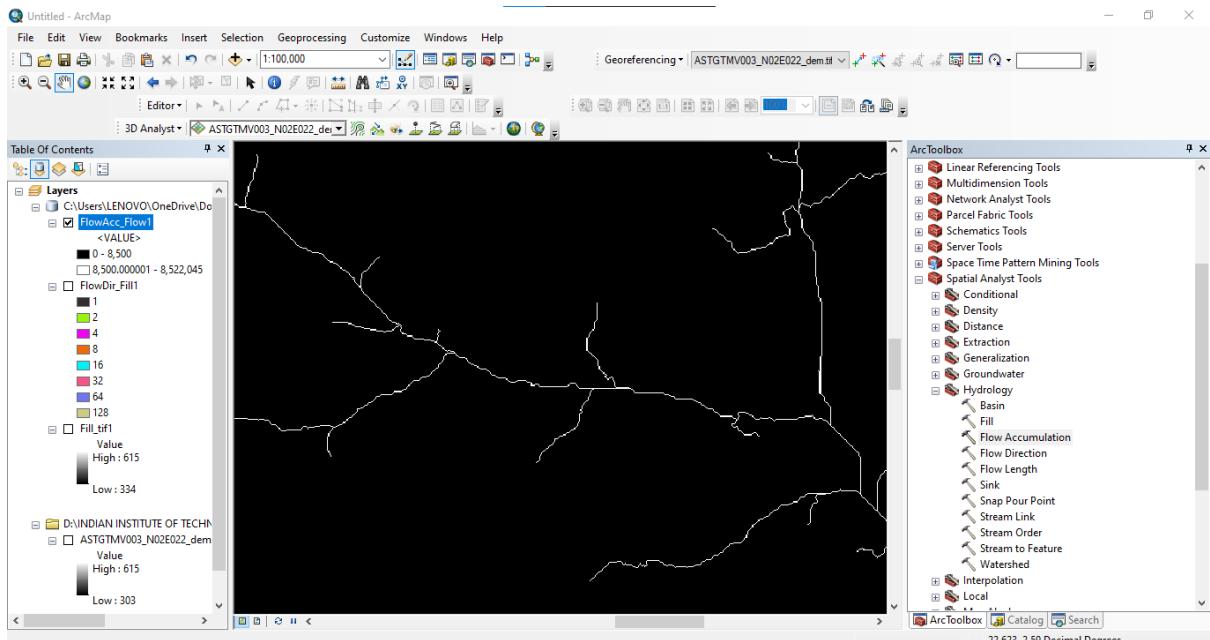
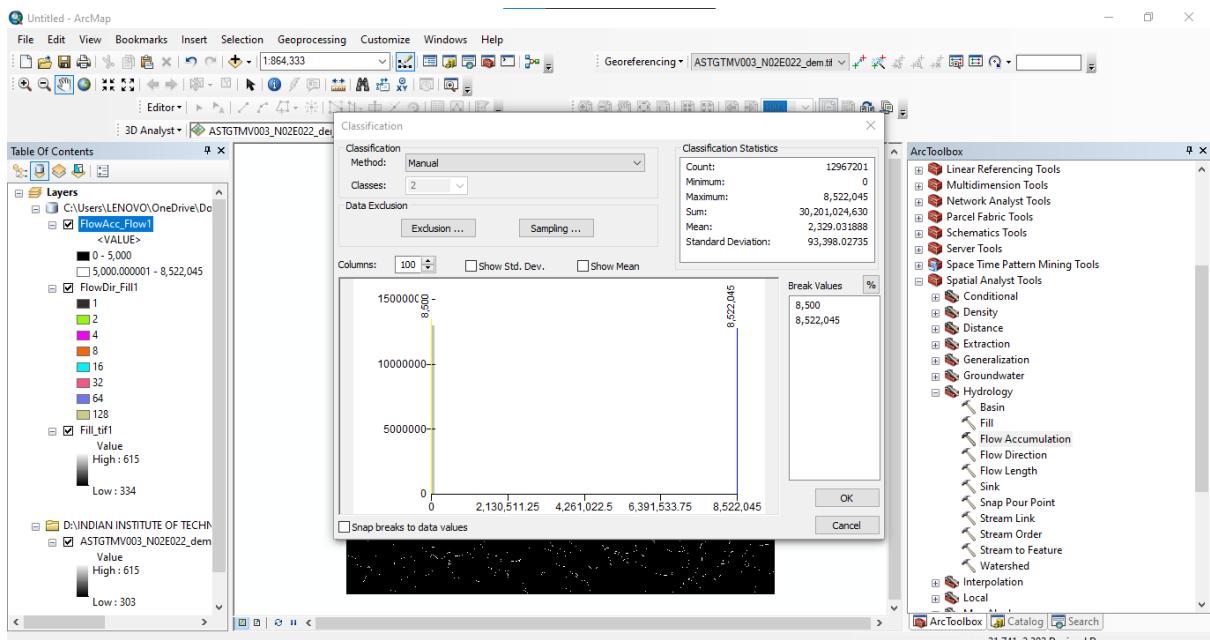
The screenshot shows the ArcGIS interface with several windows open:

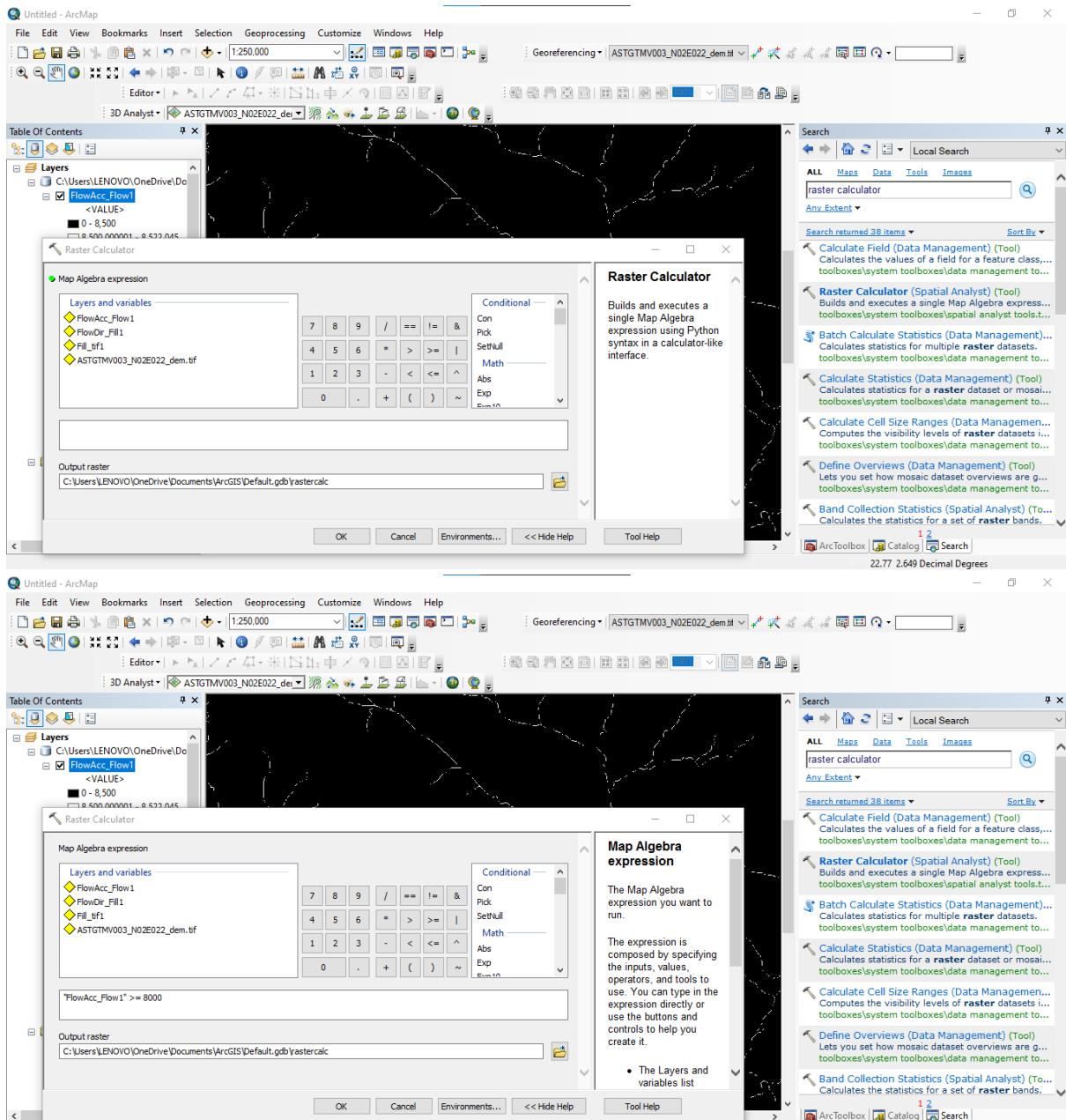
- Stream Order - Stream order (calculated in the NHD using Strahler Stream Order)**: A web browser window displaying a diagram of a stream network. The diagram illustrates the calculation of stream order. It shows a main yellow stream (order 3) originating from a confluence of two smaller streams (order 2). One of these order 2 streams is itself a confluence of two order 1 streams. The diagram shows how the downstream number of stream order is determined at each confluence.
- Untitled - ArcMap**: The main ArcMap application window. It includes a toolbar, a map view showing a grayscale Digital Elevation Model (DEM), a Table Of Contents (TOC) pane listing a raster layer named "ASTGTMV003_N02E022_dem.tif", and an ArcToolbox pane on the right. The ArcToolbox is expanded to show the "Hydrology" toolset, which includes tools like Basin, Fill, Flow Accumulation, Flow Direction, Flow Length, Sink, Snap Pour Point, Stream Link, Stream Order, Stream to Feature, and Watershed.
- Fill**: A dialog box from the ArcToolbox. It has fields for "Input surface raster" (set to "ASTGTMV003_N02E022_dem.tif") and "Output surface raster" (set to "C:\Users\LENOVO\OneDrive\Documents\ArcGIS\Default.gdb\Fill.tif1"). There is also a "Z limit (options)" field. At the bottom are "OK", "Cancel", "Environments...", "<< Hide Help", and "Tool Help" buttons.

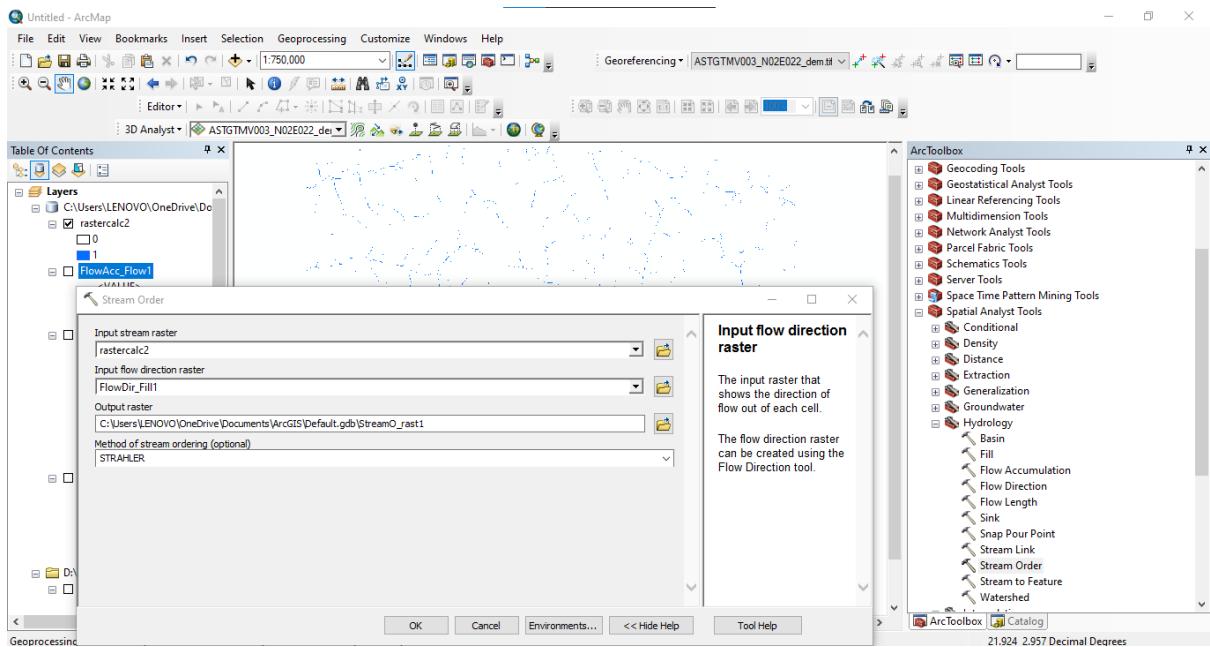
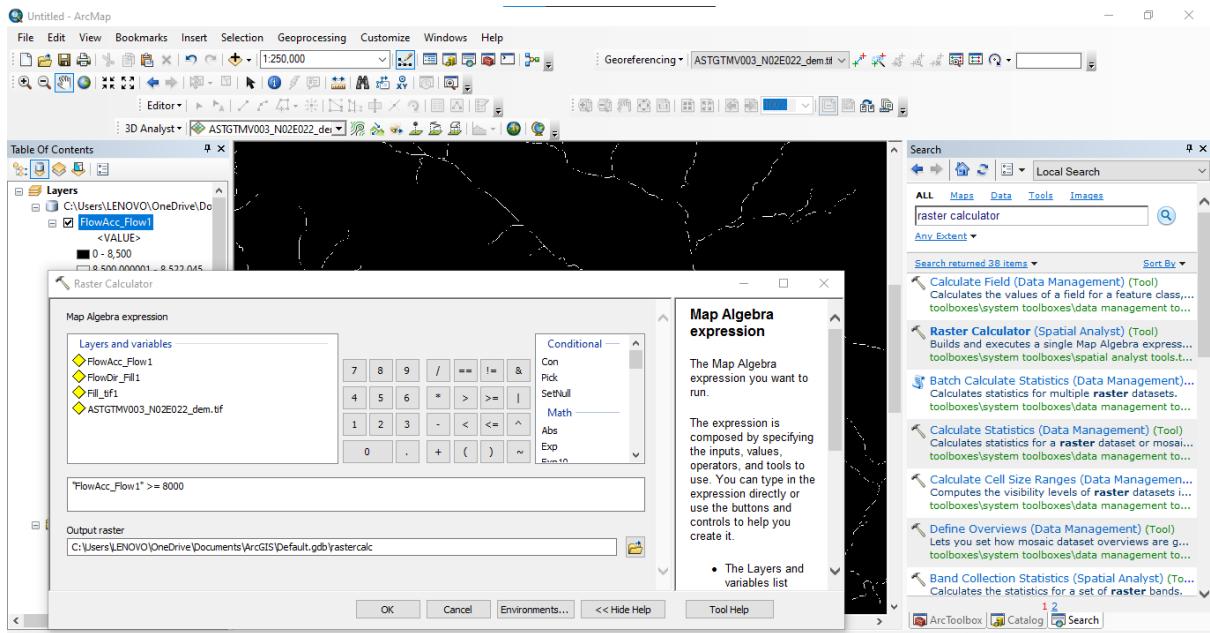


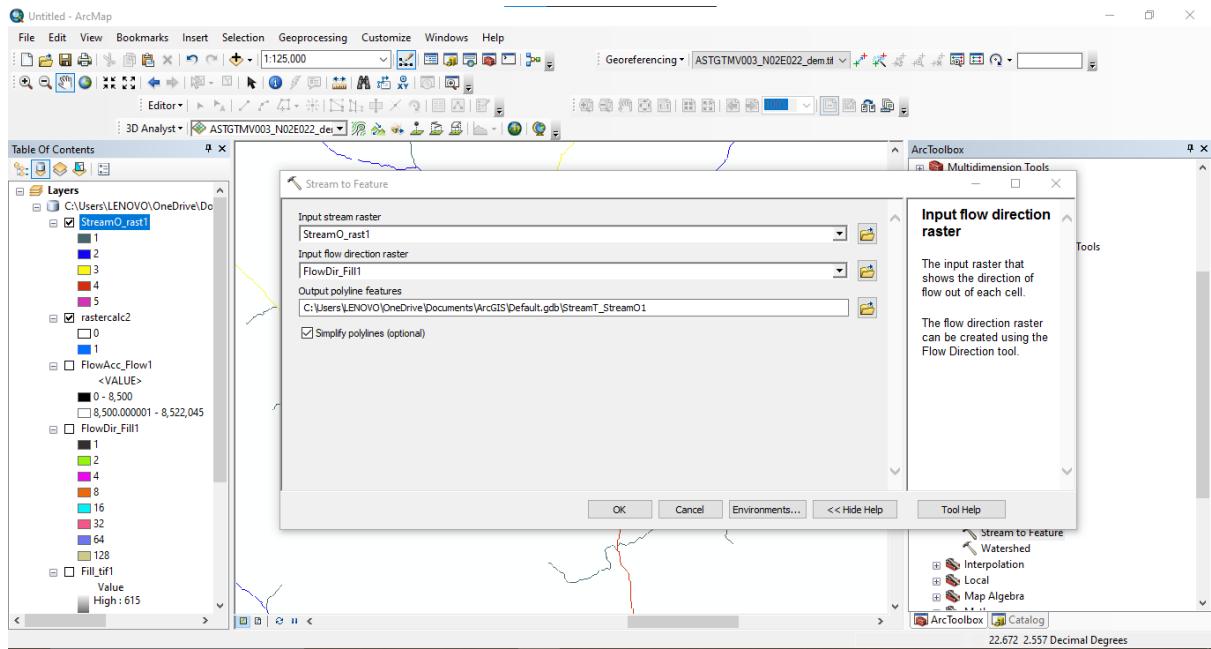
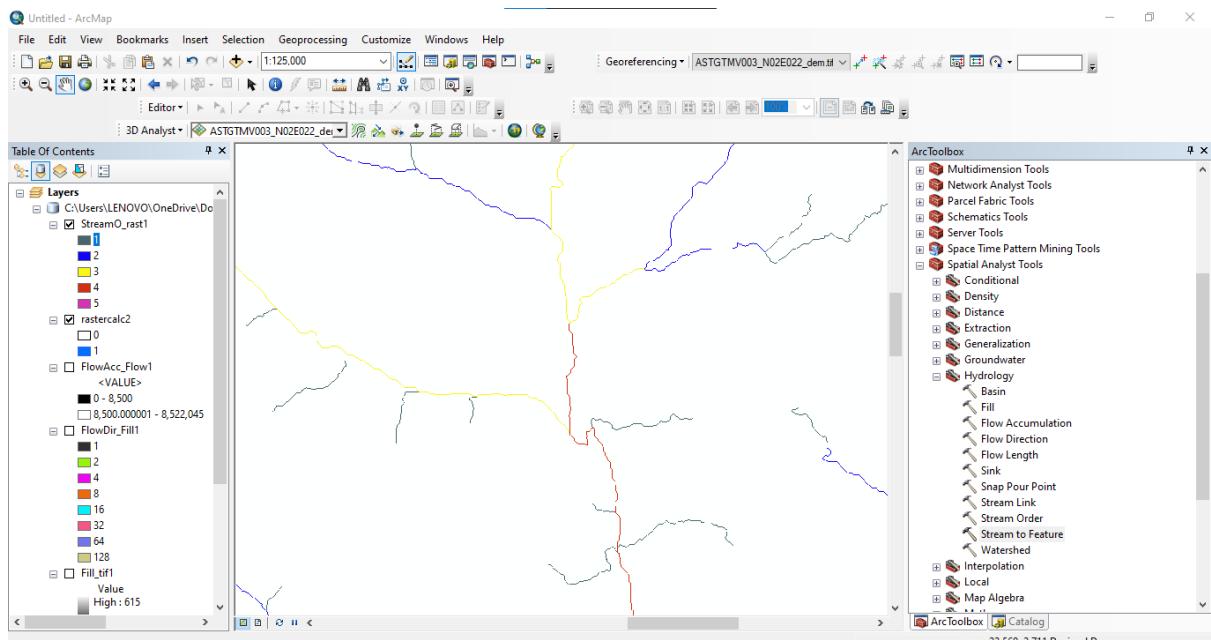


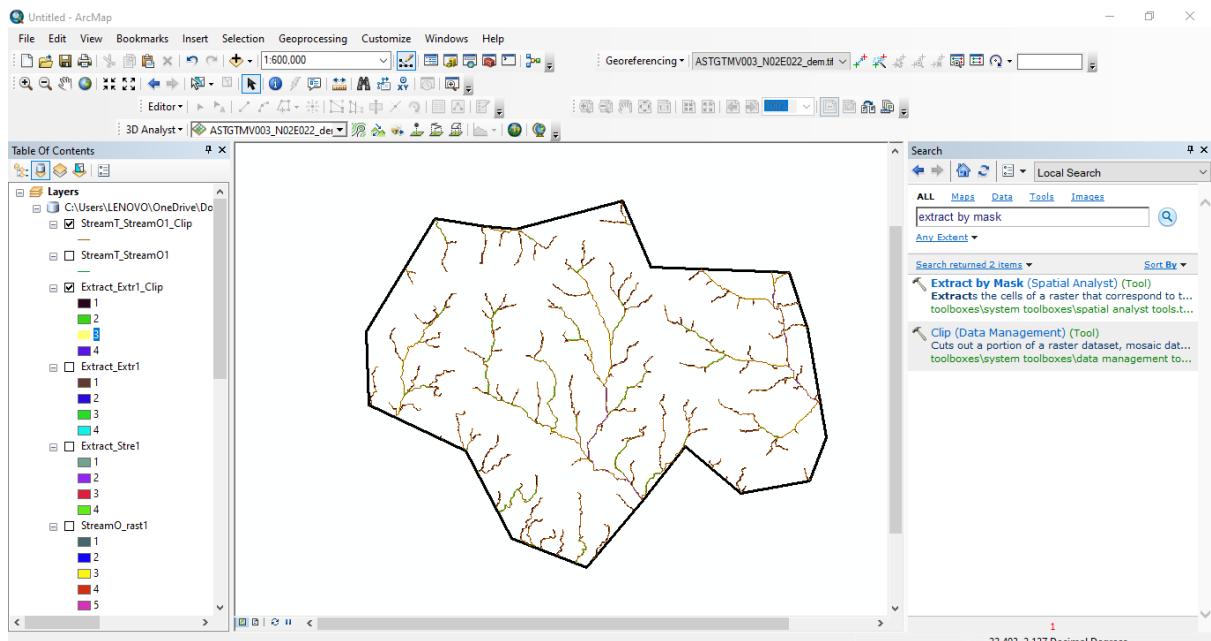
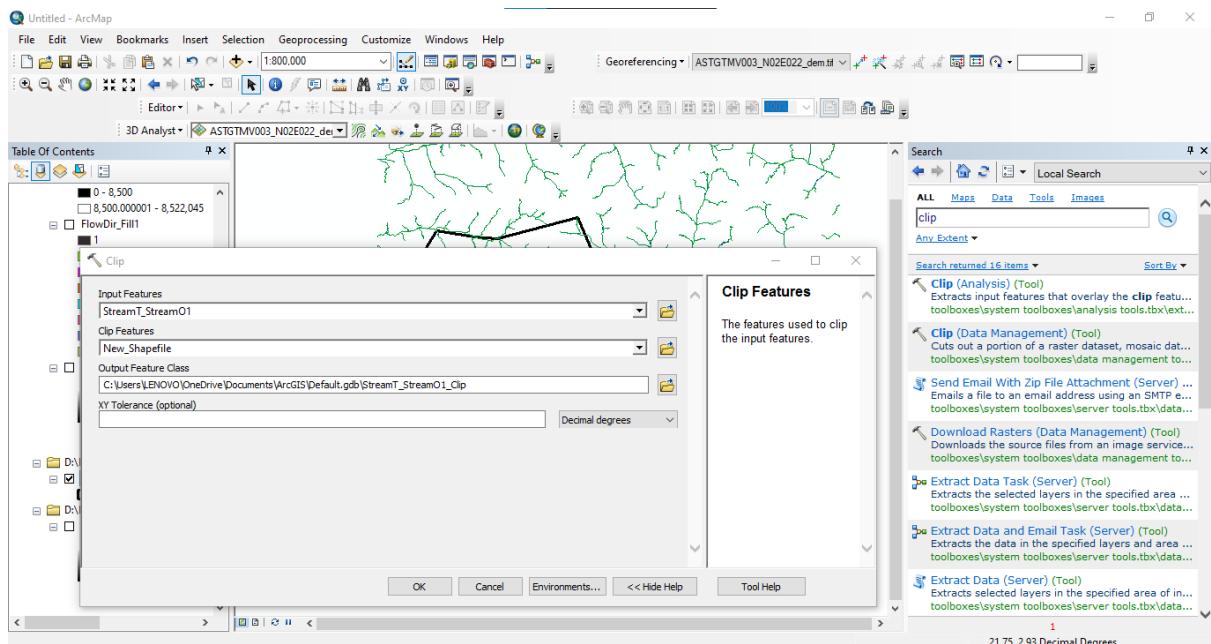


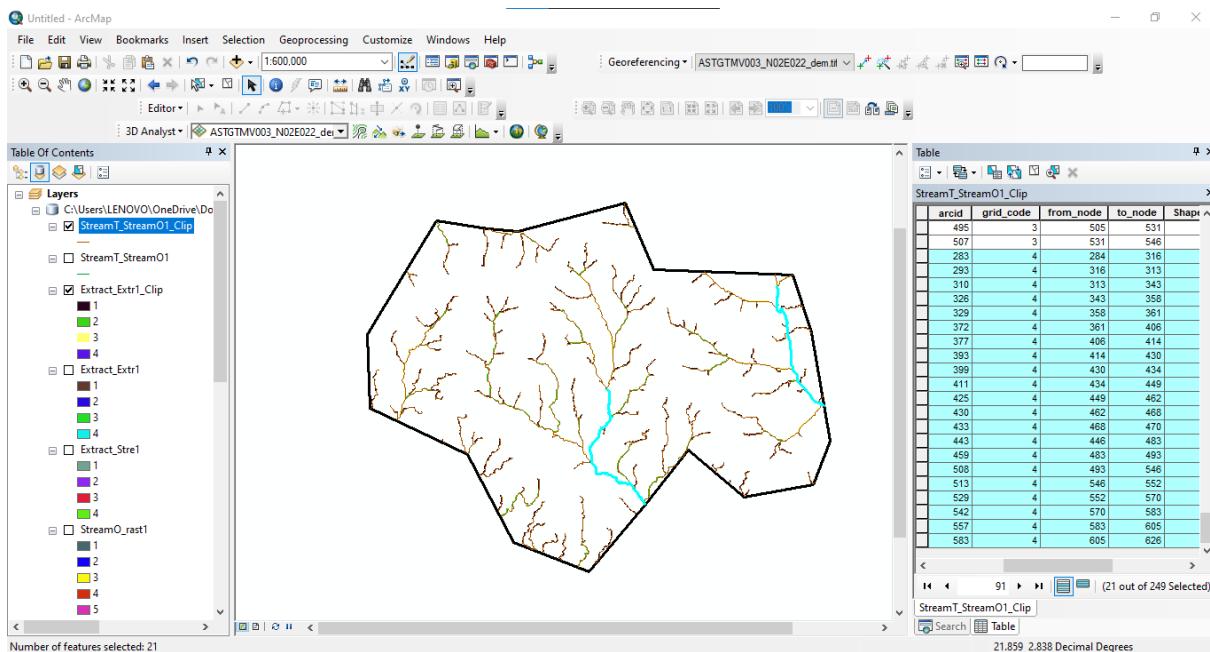
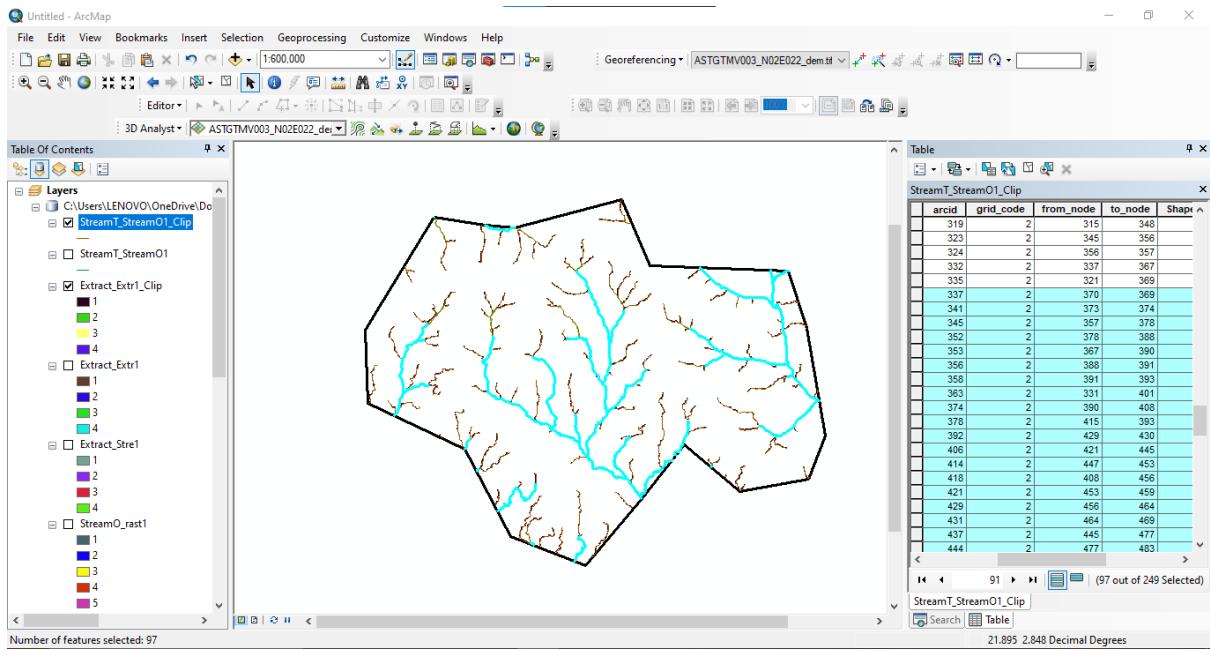












Major River Line