

The following was presented at DMT'11 (May 22-25, 2011).

The contents are provisional and will be superseded by a paper in the DMT'11 Proceedings.

See also earlier Proceedings (1997-2010) <a href="http://ngmdb.usgs.gov/info/dmt/">http://ngmdb.usgs.gov/info/dmt/</a>

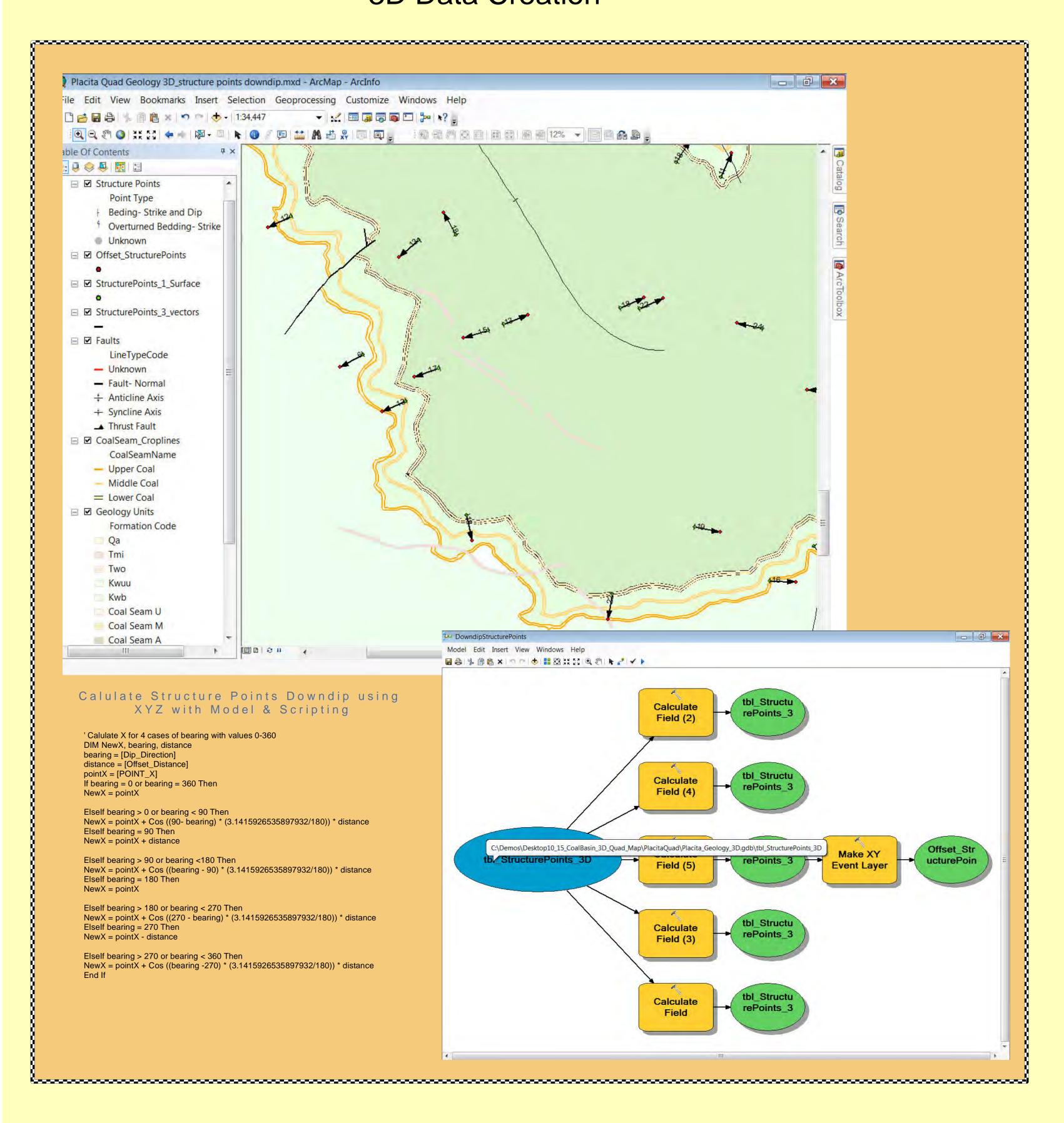
## Placita 7 1/2 " Quad, Pitkin County, Colorado 3D Geology Map Using ESRI ArcGIS10

The Placitas Quadrangle covers the southern portion of the Carbondale, Colorado coal mining area near Redstone, Pitkin County, Colorado. In 2010, I presented an example of data capture and conversion into ESRI geodatabase using new 2D and 3D capabilities of ArcGIS10. As an example of a complete 3D geologic map, the draped 2D data from the original maps has been extruded into a fully functional 3D geologic model.

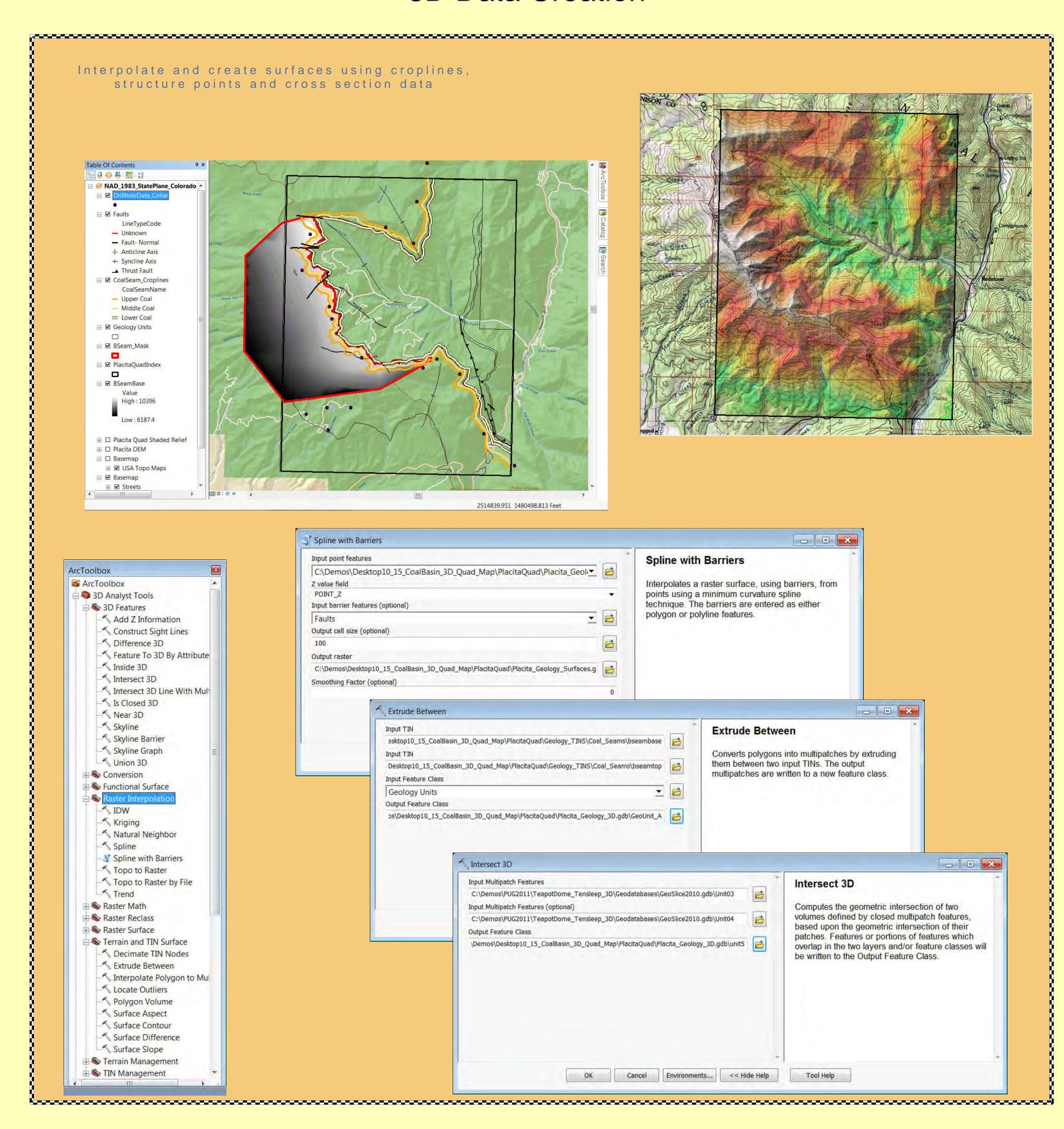
This poster will be both a paper printed product and a live digital demo of the data.

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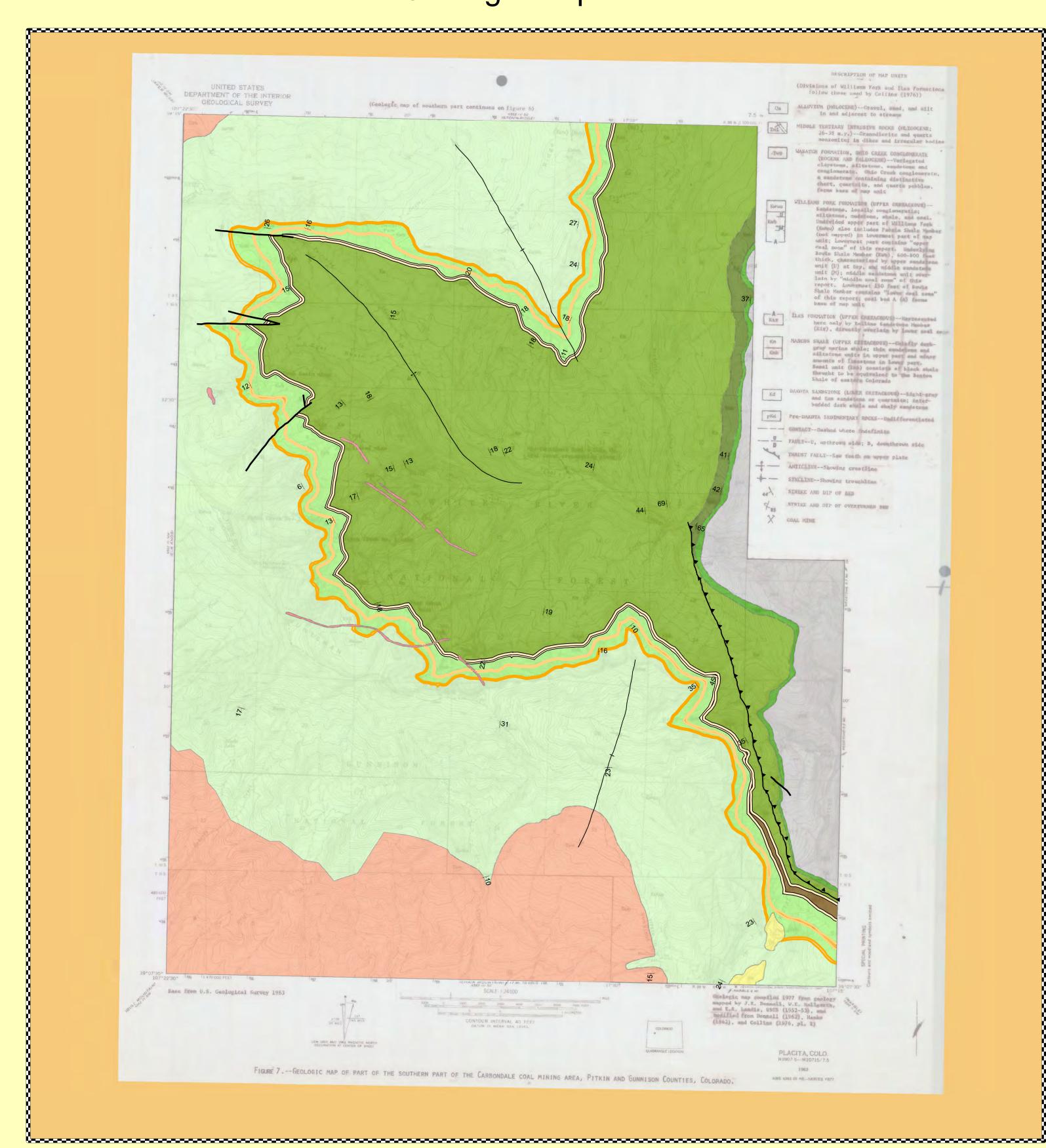
3D Data Creation



3D Data Creation



2D Geologic Map



3D Geologic Map

