DIGITAL MAPPING TECHNIQUES 2022

The following was presented at DMT’22
May 22 - 25, 2022

The contents of this document are provisional

See Presentations and Proceedings from the DMT Meetings (1997-2022)

http://ngmdb.usgs.gov/info/dmt/
STATEMAP Year in Review

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Start of the year (Fall)

- Historical Mapping
- Current high resolution bedrock polygons
- Well Logs, E Logs
- Coal Logs
- IMOP
- Measured Sections
- Parcel data and public access lands
- Notebooks
- Previous relevant publications
Field Season (Late Fall – Spring)

- Collector app available on iPads
- Flexibility of field work and data collection encouraged (digital-paper map-notebook-gps)
Mid Season Review (Winter)

- Review problem areas with mapping team
- Check progress of mapping so far
Core and Cuttings
Conodonts
Geophysics (Spring)
Four seismic survey lines were run to get a better picture of the Fox Hollow Structure passing through Fox Hollow on the Ashland 7.5' quadrangle. The black survey line was unfinished due to weather conditions. The seismic work revealed a small fault running parallel to the larger structure.
End of Season Review (Spring)

- SMAC Members invited
- Have full understanding of mapping area
- Showcase unique features
Drilling (Spring – Summer)
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Map Layout (Summer)

- Map polygons
- Unit descriptions
- Support Data
- Generate cross section and strat column

- Text reviews
- Layout reviews
- Mapping Review Committee
Deliverable Time (End of Summer)
Questions?