





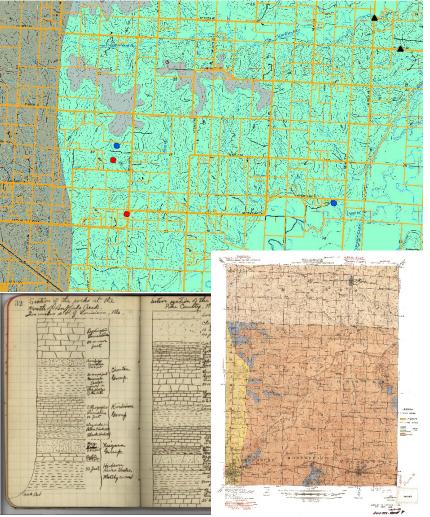
#### STATEMAP Year in Review

Kyle Ganz

Missouri Geological Survey



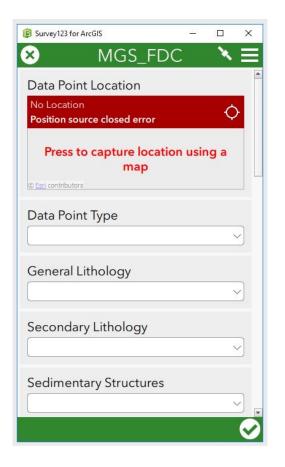
#### Start of the year (Fall)



- 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

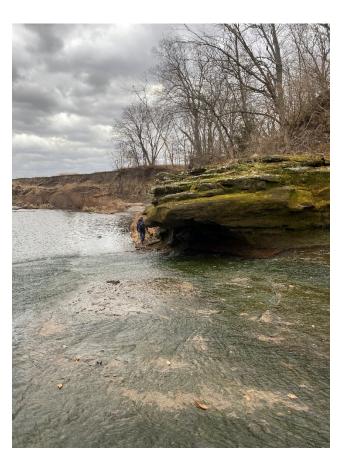


## Field Season (Late Fall – Spring)



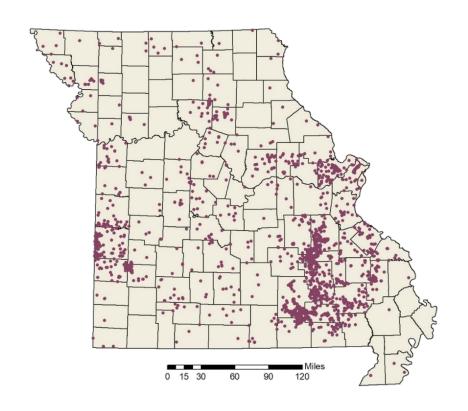
- Collector app available on iPads
- Flexibility of field work and data collection encouraged (digitalpaper map-notebookgps)

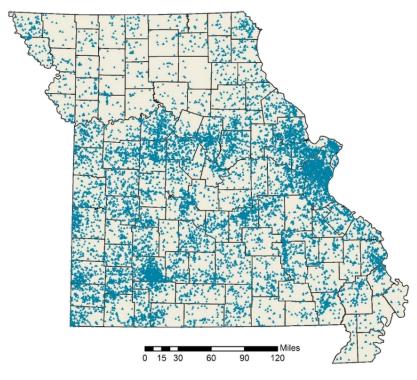
#### Mid Season Review (Winter)



- Review problem areas with mapping team
- Check progress of mapping so far

#### Core and Cuttings







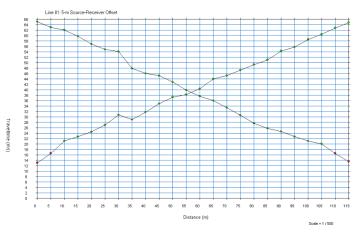
#### Conodonts

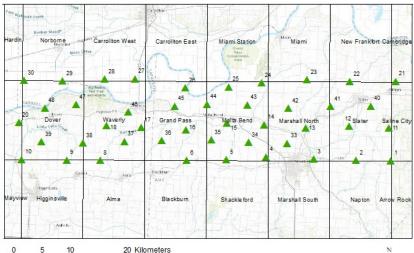




# Geophysics (Spring)



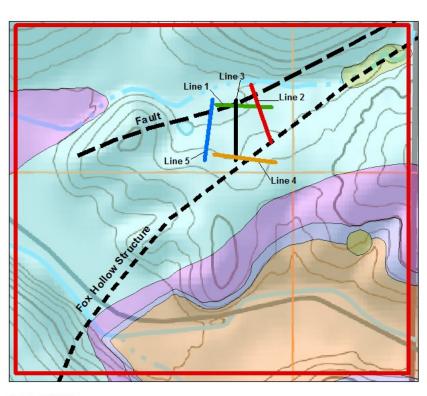


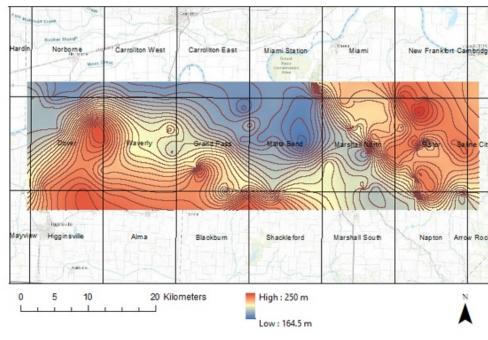






## Geophysics (Spring)





Scale: 1:10,000

Four seismic survey lines were ran 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)





# Drilling (Spring – Summer)



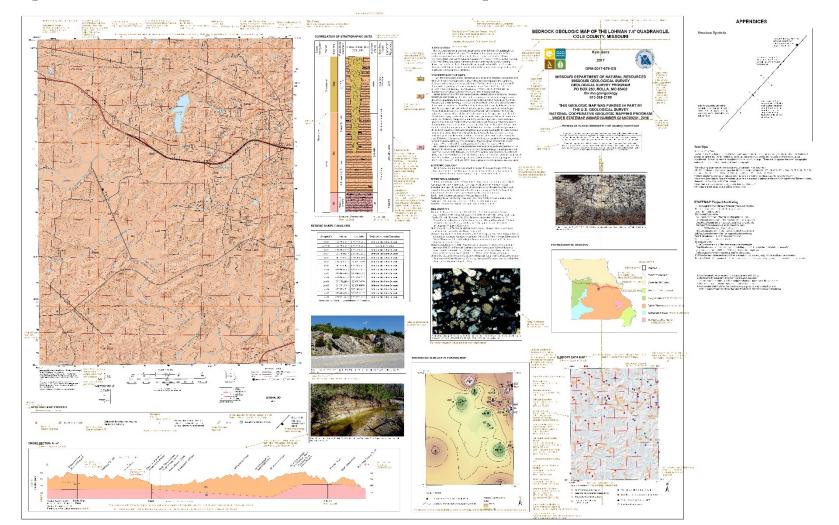


## Map Layout (Summer)

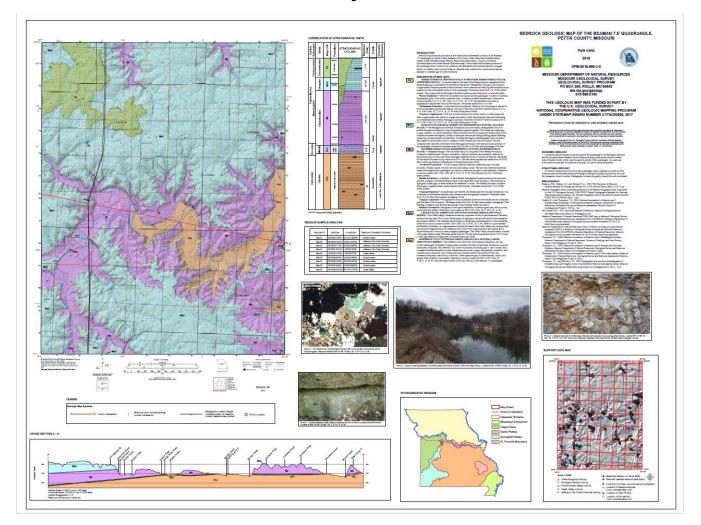
- Map polygons
- Unit descriptions
- Support Data
- Generate cross section and strat column

- Text reviews
- Layout reviews
- Mapping Review Committee

#### Map Standards Template



## Deliverable Time (End of Summer)





#### Questions?