Using GIS for Geologic Field Mapping

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Outline

- Background - Big Bend Example
- Lithostratigraphy
  - Aguja
  - Javelina
  - Black Peaks
- Methods
- Map
Background - Mapping
Example Big Bend
Lithostratigraphy

Aguja Formation
Lithostratigraphy

Javelina Formation
Lithostratigraphy
Black Peaks Formation
Methods

- Heading/Dip: 297° NW / 18.3°
- Strike: 27°
- Lat.: 54.10394°
- Long.: 10.28394°
- Collection: Hainberg

Software:
- Adobe Illustrator CS3
- ArcGIS® 10.1
Results and Discussion

Mapping
Acknowledgments

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Questions?