

# FIELD NOTES

# Field Notes

- Not writing down your observations could result in missed data being recorded and lead to inaccurate conclusions about the rocks being studied.
- Field notes allow you to write down descriptions of fossils, minerals, or rocks while they are being collected. This saves time
- Sketches are also helpful in interpreting geologic events.
- Field notes can be a legal document, and must be saved for future reference.

# Field Notes

- Record date, time, location, who, weather
- Describe locality
- Sketch
- Photographs
  - Location
  - Direction
  - Description
- Other notes, comments, future work

# Field Notes

- If you are unsure of the name of a rock, fossil, or mineral, make a description of it, but do not name it until you can confirm its identity.
- Detailed description
  - thickness of the beds
  - describe the rocks
  - record any fossils or minerals
  - Strike and dip, trend
  - unique features (layered, cross-bedding, ripple marks)

# Field Notes

- Collect samples
  - Date
  - Location
  - Photograph
  - Description
  - Lithology
  - Unit if known
  - Purpose of sampling

# Requirements for a 43-101 report

- **Item 1: Summary or abstract**
- **Item 2: Introduction**
- Item 3: Reliance on Other Experts
- **Item 4: Property Description and Location**
- **Item 5: Accessibility, Climate, Local Resources, Infrastructure and Physiography**
- **Item 6: History**
- **Item 7: Geological Setting and Mineralization**
- **Item 8: Deposit Types**
- **Item 9: Exploration**
- Item 10: Drilling
- **Item 11: Sample Preparation, Analyses and Security**

# Requirements for a 43-101 report

- **Item 12: Data Verification**
- Item 13: Mineral Processing and Metallurgical Testing
- Item 14: Mineral Resource Estimates
- Item 15: Mineral Reserve Estimates
- Item 16: Mining Methods
- Item 17: Recovery Methods
- Item 18: Project Infrastructure
- Item 19: Market Studies and Contracts

# Requirements for a 43-101 report

- Item 20: Environmental Studies, Permitting and Social or Community Impact
- Item 21: Capital and Operating Costs
- Item 22: Economic Analysis
- Item 23: Adjacent Properties
- Item 24: Other Relevant Data and Information
- **Item 25: Interpretation and Conclusions**
- **Item 26: Recommendations**
- **Item 27: References**