



Guidelines for Reviewers of Yukon Geological Survey Publications

The author and critical reviewer are responsible for ensuring that factual information is presented clearly and concisely. Authors and critical reviewers may disagree on conclusions stated, but there should be no disagreement as to the facts used to reach those conclusions. Alternative interpretations of factual information should be presented, and authors are entitled to state their preference, but they must also be prepared to state the basis of their preference. Where warranted critical reviewers should point out alternative hypotheses or points of view.

Points to be considered by critical reviewers:

Reports

- Are the data internally consistent?
- Are the arguments presented logically (observations, then conclusions)?
- Are there enough data to support conclusions?
- Should more data be presented, or can the data be condensed?
- Is the title appropriate?
- Is the abstract informative and representative of the report?
- Are all figures, tables clear? Necessary?
- Does the text or any accompanying illustrations contain any errors of fact, interpretation, or calculation?
- Is the report scientifically sound?
- Have alternative interpretations been considered, and discounted adequately?
- Has full credit been given to authors whose data and conclusions have been used?
- Are references correct? Current? Any missed?
- Do geographic names appear on one or more of the maps or illustrations?
- Does the geologic terminology meet accepted standards?
- Are measurements expressed in SI units where possible?

Maps

- Are coordinates displayed on the map?
- Are there any geological conflicts?
- Are all units labeled and are all formations in legend and cross section also on the map?
- Are all geographic locations mentioned in the text also on the map? Are they spelled correctly?
- Do colours and patterns match in legend, map and sections?
- Are bar scales drawn correctly and consistently for map and cross section?
- Are legend descriptions in consistent order?
- Are authorship, contributions, credit lines, and title properly recorded?
- Check stratigraphic symbols.
- Check cross sections against mapping along the line of section.
- If there is more than one map in the series, is each clearly identified?