

## Recent Updates to the Alberta Table of Formations

Alberta Geological Survey  
[www.ags.gov.ab.ca](http://www.ags.gov.ab.ca)

### Summary

The Alberta Energy Regulator and Alberta Geological Survey (AGS) Table of Formations is a schematic representation of the stratigraphic succession of geological units and pertinent stratigraphic nomenclature within Alberta. Over the past 50 years, the Alberta Table of Formations has been periodically updated, with the most recent version dating back to 2009. Our objective is to bring the Table of Formation into greater alignment with the North American Stratigraphic Code reflecting current naming practices and knowledge of stratigraphic relationships providing a scientifically-validated and standardized set of geologic unit names by 2020.

Recent updates to the Table of Formations focused on areas of known discrepancies, and the incorporation of extensive bedrock mapping and compilation programs recently published by the AGS. The primary sources of input included the new Bedrock Geology of Alberta (AGS Map 600; Prior et al., 2013), and the Geology of the Rocky Mountains and Foothills maps (AGS Map 560; Pana et al., 2013). New age dates obtained by the AGS have also been included to further constrain the stratigraphic units within the Table of Formations.

The current Table of Formations represents a significant step to achieving the 2020 objective, as the AGS improves alignment with the North American Stratigraphic Code and better reflects the current state of knowledge of stratigraphic relationships within the province of Alberta.

### Acknowledgements

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### References

- Pana, D.I. and Elgr, R., comp. (2013): Geology of the Alberta Rocky Mountains and Foothills; Energy Resources Conservation Board, ERCB/AGS Map 560, scale 1:500 000.
- Prior, G.J., Hathway, B., Glombick, P.M., Pană, D.I., Banks, C.J., Hay, D.C., Schneider, C.L., Grobe, M., Elgr, R. and Weiss, J.A. (2013): Bedrock geology of Alberta; Alberta Energy Regulator, AER/AGS Map 600, scale 1:1 000 000.