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Remarks by Helen Foster, retired U.S. Geological Survey Research Geologist, about the manuscript by Csejtey and others: The Denali fault system and the Neotectonic evolution of central Alaska

The concept proposed by Bela Csejtey and his coauthors of a change in the type of displacements that occur along the Denali fault in the vicinity of Paxon, where a significant change in the direction of the fault's postulated trace occurs, is not only interesting and intriguing, but of major importance in interpreting the tectonic history of Alaska. The fact that Csejtey and his coauthors are highly experienced in Alaskan field geology and that Csejtey has mapped and studied the rocks and structural geology of central Alaska for over 30 years, gives credence to the ideas presented and to the reliability of the geologic data upon which they are based.

Admittedly, geologic information in the area of the postulated direction change of the Denali fault is difficult to obtain and interpret. Exposures are very limited and very difficult to reach. Interpretation of the history of the rocks themselves has long been a problem for geologists because of metamorphism, lack of exposure, and difficulties in collecting data. However, data gathered by the authors at Gunsight Pass, and careful examination of previously collected data by themselves and others, indicates that this interpretation of the Denali fault has merit, and should be carefully considered in future study and investigations of the Denali fault.

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