This study of the Leavenworth fault zone in a north-south trending transect with an east-west oriented channel that is farthest from the town site. We provide the evidence that the location of the channel is a result of the structural control of the Leavenworth fault. 

In 2014, Huang et al. (unpublished) first looked at the structural control of the Leavenworth fault and the channel. They found that the channel is oriented parallel to the Leavenworth fault and is bounded by the fault. This geometry suggests a simplified channel and structural configuration. 

This geometry suggests the presence of a significant decollement along the fault.

The Peshastin channel is located near Leavenworth, Washington, where the channel is a narrow to wide feature. The channel is oriented parallel to the Leavenworth fault and is bounded by the fault. This geometry suggests a simplified channel and structural configuration. 

The structural control in the channel plays a significant role in the formation of the channel. The channel is oriented parallel to the Leavenworth fault and is bounded by the fault. This geometry suggests a simplified channel and structural configuration.

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