



Vertical and horizontal scale  
 approximately 1:125,000

**Figure 8.** Hypothetical structure section across the Chinitna magnetic gradient

The structure section crosses the Chinitna magnetic gradient at Bow Creek on the west shore of Cook Inlet, and near checkpoint 70, flight line 210. The section shows a possible geologic interpretation of the Chinitna gradient. A portion of profile 210 is drawn above the hypothetical section for reference. The relation of the sharp anomalies superimposed upon the Chinitna gradient to outcrops of the Naknek formation is also shown.

EXPLANATION	
Upper Jurassic	Jnu Naknek formation, upper member <i>Arkose with subordinate siltstone and sandstone</i>
	Jnl Naknek formation, lower member <i>Siltstone and sandstone</i>
Lower, Middle and Upper Jurassic	Jct Chinitna and Tuxedni formations <i>Sandstone, siltstone and conglomerate Includes tuffaceous sedimentary rocks of Early Jurassic age</i>
	Jv Volcanic rocks

JURASSIC

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.