

Vertical exaggeration = 5

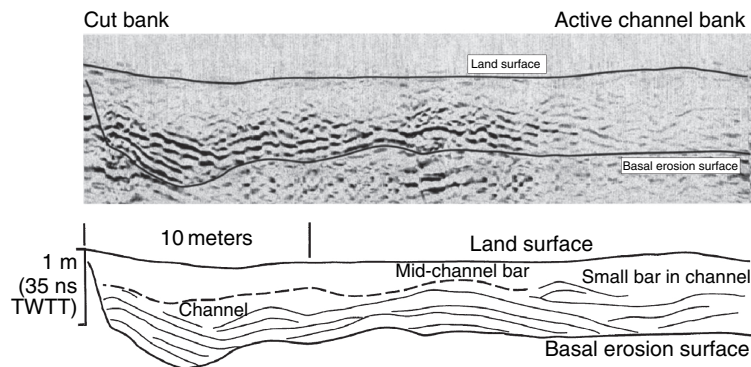


FIGURE 13.44. Channel-fill deposits in across-channel GPR profiles. The upper profile (Sagavanirktok River, Alaska) shows compound large-scale inclined strata (with their boundaries marked by small arrows) formed by individual gravelly unit bars that filled the channel. Within these compound large-scale strata are smaller-scale large-scale inclined strata formed by episodic migration of unit bars. The channel fill is approximately 4 m thick, and the vertical exaggeration of the profile is 5. The lower profile (Calamus River, Nebraska) has high-amplitude reflections (medium-scale cross stratified sand) overlain by low-amplitude reflections (bioturbated small-scale cross-stratified sand interbedded with vegetation-rich sand). The channel fill contains deposits of small bars. The vertical exaggeration of the profile is 3. From Bridge (2006).