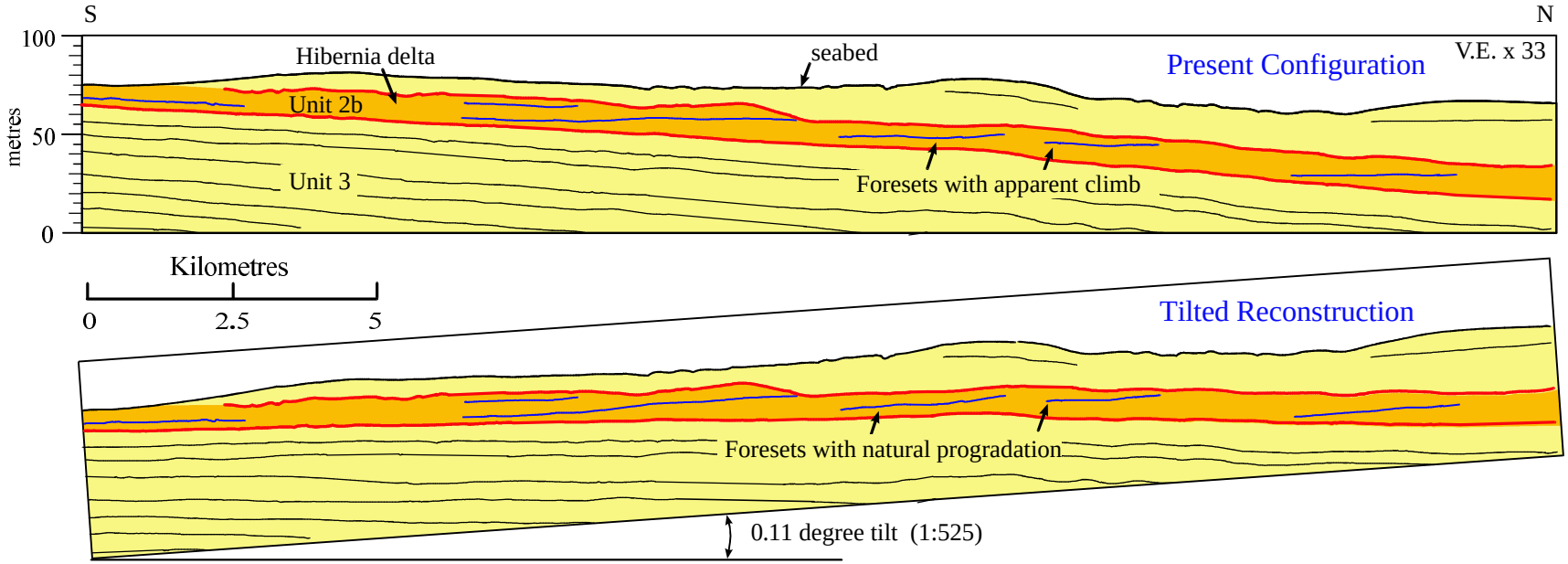


Figure 33. Interpreted seismic profile (Line 10) approximately along strike, showing foresets in the Hibernia delta. The foresets exhibit an unusual/apparently unnatural southward climbing pattern whereby successive foresets lie at higher elevations than previous ones. A simple tectonic reconstruction involving a minimal tilt restores a more natural horizontal delta top and prograding foresets. A regional tilt of this magnitude (0.1 degree) is similar to tilts in unconformities of similar age in comparison to younger unconformities.