



Figure 8. Cross-section through the Olympic Wallowa line (OWL) and Kittitas-Domerie syncline at Roslyn based mainly on Tabor et al. (1982, 2000) and Hammond (unpublished mapping). Subsurface interpretation is rather conjectural, especially below 5 km depth (the nature of the contacts between the Ingalls complex and the NWCS, and the NWCS and Eastern Melange Belt is far from clear). Note the complex anticlinal structure of the OWL, which seems to be controlled by both steep south dipping faults and gentler inward-dipping faults. Also note that the structural relief on the OWL mostly predates the Columbia River Basalt Group (CRBG), but that post-CRBG reactivation has added another kilometer or so of relief, reflected in the present topography (profile above cross section exaggerated about 3x).