



Shaded perspective image of AIRSAR bands Cvv:Lhv:Phv (displayed as RGB respectively) draped over the TOPSAR DEM of Arkaroola Syncline with individual rock units indicated, shows the benefits of incorporating topographic detail into a 2D image. This remarkable enhancement highlights the radar and topographic signatures of the stratigraphic sequence, particularly the narrow outcropping *Phl* Elatina Formation, and provides excellent definition of the lower and upper members of the Ulupa Siltstone (*Pwu*). The prominent ridge-valley terrain associated with the Wundowie Limestone (*Phu*) and Yankaninna Siltstone (*Pfn*) units highlights the position and extent of these units. Ephemeral creeks and other rock units having relatively high-vegetated cover are prominent by their blue tones due to the increased multiple scattering in band Phv. The image is oriented with the viewer looking southwest.