



Figure 53. Geochemical and tectonic discriminate diagrams for volcanic rocks of the Vampire-Narchilla Formation: (a) Zr/TiO₂-Nb/Y diagram of Winchester and Floyd (1977), as modified by Pearce (1996); (b) Primitive mantle-normalized multi-element diagram; (c) Ti/V diagram of Shervais (1982); (d) TiO₂/Yb-Nb/Yb diagram of Pearce (2008); (e) Zr-Ti-Y diagram of Pearce and Cann (1973) for tholeiitic basalt; (f) Th-Hf-Ta diagram of Wood (1980); (g) Zr-Nb-Y diagram of the Meschede (1986); (h) La-Y-Nb diagram of Cabanis and Lecolle (1989) for basalt.