



**Figure 1.** Tectonic setting of Tay River (left) and Sheldon Lake (right) areas (in red). Tectonic elements: Richardson Trough (RT), Selwyn Basin (SB), Kechika Trough (KT), Interior Platform (IP), McEvoy Platform (MvP), Cassiar Platform (CP), Mackenzie Platform (MP), Macdonald Platform (McP), and Tintina Fault (TF).