Structural Analysis, Metamorphic Conditions and Regional Correlations of the PaleoproterozoicRacklan Orogeny, Wernecke Mountains, Yukon

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Three events of Paleoproterozoic deformation are recognized in schist of the Fairchild Lake Group (Wernecke Supergroup) in the Werned Meuntains. The first event produced a chloritoid +/ garnet, +/ opaques porphyroblastic, chloritoid Horite-muscovitequartz schist. If conditions have been estimated to lie betwee 6 & bar and 450550 °C. The second event produced a crenulation and the third generated kink bands. All of these features are crosscut by 1.60 Ga Wernecke Breccia. These events are regarded as products of the Racklan Orogeny, a Paleoproterozoic interval of orogenesis, which favourably correlates with the Fifteenmile Orogeny in, the Ogilvie Mountains of western Y82.io35.78 Nns GJ 0(o)-4(u)-/vienuteenmile