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Miscellaneous Release-Data 90 Electron Microprobe Compositions of Tantalum-Bearing Oxides and Potassium Feldspar from Rare-Element Granitic Pegmatites, Superior Province, Northwestern Ontario; by A.G. Tindle<sup>1</sup>, F.W. Breaks<sup>2</sup> and J. B. Selway<sup>2</sup>.

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Tindle, A.G., Breaks, F.W., and Selway, J.B. 2001. Electron Microprobe Compositions of Tantalum-Bearing Oxides and Potassium Feldspar from Rare-Element Granitic Pegmatites, Superior Province, Northwestern Ontario; Ontario Geological Survey, Miscellaneous Release-Data 90

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The tables on this data release contain the representative compositions of tantalum-bearing oxides and potassium feldspar from rare-element pegmatites and fertile granites located in northwestern Ontario and described in Breaks, Selway and Tindle (2001). The tantalum-oxide minerals are members of the columbite-tantalite series (91 compositions) and microlite (15 compositions), and the potassium feldspar is most likely microcline (48 compositions). The tables present the compositions for tantalum-oxides and potassium feldspar in wt. % oxide and recalculated structural formulae (apfu). UTM co-ordinates and zone for each locality are also provided. The analytical work was performed in 2000-2001 by A.G. Tindle at Open University, UK. Tables of electron microprobe compositions are in Excel (.xls) and comma delimited text (.csv) formats.