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PALLADIUM, A PROGRAM TO MODEL THE CHROMATOGRAPHIC SEPARATION OF THE PLATINUM-GROUP ELEMENTS, BASE METALS AND SULFUR IN A SOLIDIFYING PILE OF IGNEOUS CRYSTALS: ERRATUM

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In this article (*Can Mineral.* **42**, 393-403), a last-minute error by the printer caused Figure 1 to be repeated in the space intended for Table 1, on page 394. The problem does not exist in the electronic version of this article. Table 1 is presented here, with apologies to the author and readers.

TABLE 1. LIST OF SYMBOLS USED IN THE PROGRAM PALLADIUM

Symbol	Definition	Units	Value
a	Crystal radius	m	0.0003
C	Concentration	dimensionless	calculated
Cp	Heat capacity	$J\ K^{-1}\ kg^{-1}$	1000
D_{bulk}	Bulk distribution coefficient	dimensionless	calculated
f	Liquid fraction	dimensionless	calculated
g	Gravitational acceleration	$m\ s^{-2}$	9.8
ΔH_{cryst}	Heat of crystallization	$J\ kg^{-1}$	100,000
K_d^i	Distribution coefficient for element i	dimensionless	user-defined
K_f	Permeability of matrix	m^2	calculated
K_0	Permeability constant	dimensionless	user-defined
q	Heat	J	calculated
T	Temperature	K	calculated
t	Time	s	calculated
V_s, V_l	Velocity of solid matrix, liquid	$m\ s^{-1}$	calculated
X_i	Wt. fraction phase i	dimensionless	calculated
z	Vertical coordinate	m	calculated
κ	Thermal diffusivity	$m^2\ s^{-1}$	5×10^{-7}
μ	Viscosity of the liquid	Pa s	user-defined
η	Shear viscosity of solid matrix	Pa s	user-defined
ξ	Bulk viscosity of solid matrix	Pa s	user-defined
ρ_s, ρ_l	Density of solid matrix, liquid	$kg\ m^{-3}$	3,000, 2,700
Ψ	Mass crystallized	$kg\ m^{-3}$	calculated
*	Denotes characteristic value		

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THE NETWORK OF HYDROGEN BONDING IN KINGITE, AS REVEALED BY A NEUTRON-DIFFRACTION INVESTIGATION OF ITS DEUTERATED ANALOGUE, $Al_3(PO_4)_2F_3•7D_2O$: ERRATUM

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In the article by Wallwork *et al.* (*Can. Mineral.* **42**, 135-141), the typographer prepared the article with Table 3 presented twice, and Table 1 omitted. Table 1 is reproduced here, with apologies to the authors and readers.

TABLE 1. SUMMARY OF CRYSTALLOGRAPHIC DATA, AND CONDITIONS OF NEUTRON-DIFFRACTION REFINEMENT FOR DEUTERATED KINGITE

$Al_3(PO_4)_2F_3•7D_2O$		Background function	Fixed-point interpolation
space group	$P\bar{1}$	profile function	pseudo-Voigt
a (Å)	9.318(1)		
b (Å)	10.092(1)	no. of profile parameters	38
c (Å)	7.108(1)	no. of structural parameters	115
α (°)	97.61(1)	no. of soft restraints	40
β (°)	100.56(1)	no. of reflections	1193
γ (°)	95.97(1)	no. of data points	2410
V (Å^3)	645.7(1)	U	3.908
T (K)	298	V	-8.191
λ (Å)	1.9090(4)	W	6.332
R_B[§]	0.034	χ^2	4.44
R_{wp}[§]	0.022	R_{wpb}	0.022
R_p[§]	0.018	R_{pb}	0.018

[§] For a definition of these terms, see Post & Bish (1989).

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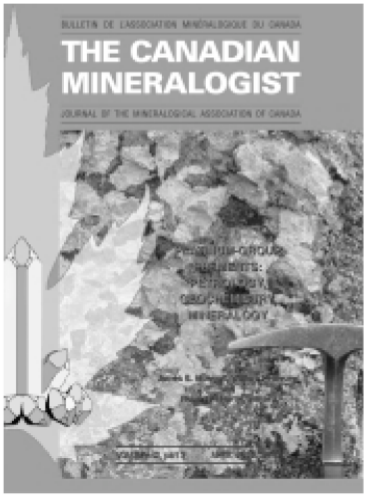

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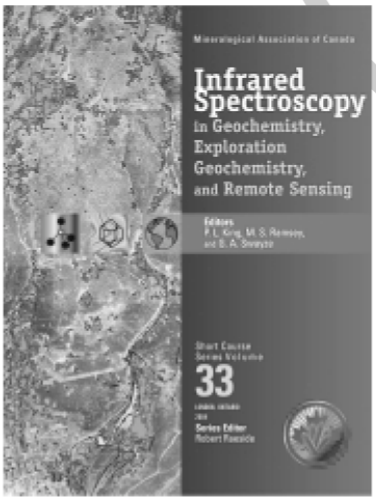

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TARKIANITE, $(Cu,Fe)(Re,Mo)_4S_8$, A NEW MINERAL SPECIES FROM THE HITURA MINE, NIVALA, FINLAND: ERRATUM

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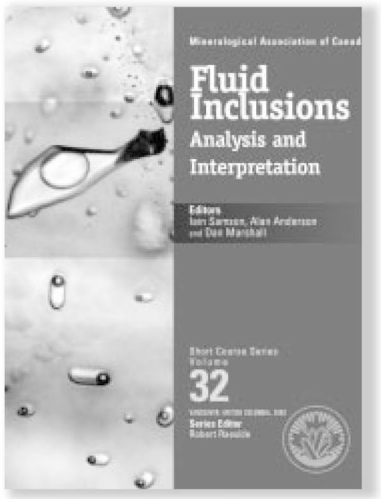
In last-minute modifications of this article (*Can. Mineral.* **42**, 539-544) before going to press, the typographer inadvertently inverted the labels of the curves showing the reflectivity of tarkianite in Figure 2. Thus the upper curve should have been labeled R air, and the lower curve, R oil. Apologies to the authors and the readers for this mistake.



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