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FERRIALLANITE-(Ce), $CaCeFe^{3+}AlFe^{2+}(SiO_4)(Si_2O_7)O(OH)$, A NEW MEMBER OF THE EPIDOTE GROUP: DESCRIPTION, X-RAY AND MÖSSBAUER STUDY: ERRATA

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Both Table 3 and Table 5 in the above article, published in the December 2002 issue (volume 40, pages 1641-1648) contain erroneous information. Corrected versions of the two tables are printed here.

TABLE 3. FINAL ATOM PARAMETERS FOR FERRIALLANITE-(Ce) AND ELECTRONS PER SITE WHERE REFINED (el_{ref})

Site	el_{ref}	*x*	*y*	*z*	U_{eq}	U_{11}	U_{22}	U_{33}	U_{23}	U_{13}	U_{12}
A(1)*	21.33(14)	0.75593(8)	3/4	0.14914(7)	0.0129(2)	0.0199(3)	0.0098(3)	0.0139(3)	0	0.0120(2)	0
A(2)*	53.67(17)	0.5930(2)	3/4	0.42969(2)	0.0101(1)	0.0073(1)	0.0141(1)	0.0080(1)	0	0.0023(1)	0
Si(1)		0.3426(1)	3/4	0.03835(9)	0.0069(2)	0.0060(3)	0.0072(3)	0.0073(3)	0	0.0027(3)	0
Si(2)		0.6854(1)	1/4	0.27559(9)	0.0079(2)	0.0069(3)	0.0083(3)	0.0094(4)	0	0.0043(3)	0
Si(3)		0.1930(1)	3/4	0.32639(9)	0.0066(2)	0.0050(3)	0.0075(3)	0.0074(3)	0	0.0027(3)	0
M(1)**	24.08(5)	0	0	0	0.0068(1)	0.0057(2)	0.0063(2)	0.0084(2)	0.0005(1)	0.0029(2)	-0.0001(1)
M(2)&	18.73(3)	0	0	1/2	0.0077(2)	0.0060(3)	0.0070(3)	0.0093(3)	-0.0007(2)	0.0023(2)	0.0004(2)
M(3)**	25.52(5)	0.30699(6)	1/4	0.21701(5)	0.0095(2)	0.0058(2)	0.0106(2)	0.0100(2)	0	0.0012(2)	0
O(1)		0.2382(2)	0.9863(3)	0.0256(2)	0.0100(3)	0.0088(6)	0.0068(6)	0.0160(7)	0.0002(5)	0.0068(5)	0.0010(5)
O(2)		0.3169(2)	0.9691(3)	0.3670(2)	0.0098(3)	0.0082(6)	0.0097(6)	0.0106(6)	0.0003(5)	0.0031(5)	-0.0017(5)
O(3)		0.7955(2)	0.0178(3)	0.3304(2)	0.0125(3)	0.0103(7)	0.0077(6)	0.0152(7)	-0.0012(5)	0.0013(6)	0.0004(5)
O(4)		0.0627(3)	1/4	0.1374(2)	0.0093(4)	0.0075(9)	0.0107(9)	0.0079(9)	0	0.0016(7)	0
O(5)		0.0525(3)	3/4	0.1558(3)	0.0101(4)	0.0098(9)	0.0109(9)	0.0085(9)	0	0.0030(7)	0
O(6)		0.0742(2)	3/4	0.4132(3)	0.0104(4)	0.0098(9)	0.0118(9)	0.0130(1)	0	0.0075(8)	0
O(7)		0.5102(3)	3/4	0.1814(3)	0.0123(4)	0.0100(1)	0.0150(1)	0.0099(9)	0	0.0020(8)	0
O(8)		0.5445(3)	1/4	0.3325(3)	0.0168(5)	0.0080(1)	0.032(1)	0.012(1)	0	0.0055(8)	0
O(9)		0.6041(3)	1/4	0.0977(3)	0.0144(4)	0.015(1)	0.020(1)	0.0098(9)	0	0.0064(8)	0
O(10)		0.0937(3)	1/4	0.4316(3)	0.0115(4)	0.01(1)	0.014(1)	0.011(1)	0	0.0054(8)	0
H		0.083(8)	1/4	0.358(7)	0.05						

* The scattering curve of Ce was used. ** The scattering curve of Fe was used. & Fe *versus* Al scattering curve used.

TABLE 5. SELECTED INTERATOMIC DISTANCES (Å) AND ANGLES (°) FOR FERRIALLANITE-(Ce)*

A(1)-O(1) ×2	2.370(2)	*M*(3)-O(1) ×2	2.351(2)
A(1)-O(3) ×2	2.328(2)	*M*(3)-O(2) ×2	2.217(2)
A(1)-O(5)	2.630(3)	*M*(3)-O(4)	1.987(2)
A(1)-O(6)	2.979(3)	*M*(3)-O(8)	1.948(3)
A(1)-O(7)	2.360(3)	< *M*(3)-O>	2.178
< *A*(1)-O>	2.481		
		Si(1)-O(1) ×2	1.641(2)
A(2)-O(2) ×2	2.492(2)	Si(1)-O(7)	1.590(3)
A(2)-O(2)' ×2	2.613(2)	Si(1)-O(9)	1.646(3)
A(2)-O(3) ×2	2.883(2)	<Si(1)-O>	1.630
A(2)-O(7)	2.314(3)		
A(2)-O(10)	2.555(3)	Si(2)-O(3) ×2	1.630(2)
< *A*(2)-O>	2.605	Si(2)-O(8)	1.597(3)
		Si(2)-O(9)	1.642(3)
		<Si(2)-O>	1.625
M(1)-O(1) ×2	2.040(2)		
M(1)-O(4) ×2	1.933(2)	Si(3)-O(2) ×2	1.628(2)
M(1)-O(5) ×2	2.058(2)	Si(3)-O(5)	1.659(3)
< *M*(1)-O>	2.010	Si(3)-O(6)	1.646(2)
		< Si(3)-O>	1.640
M(2)-O(3) ×2	1.917(2)		
M(2)-O(6) ×2	1.962(2)	Si(1)-O(9)-Si(2)	141.0(2)
M(2)-O(10) ×2	1.953(2)		
< *M*(2)-O>	1.944		

* See text for additional distances at the sites *A*.