

ANISOTROPIC DISPLACEMENT PARAMETERS (Å) FOR DEPOSIT

NACARENI OBSITE-(Y)						
Atom	U_{11}	U_{22}	U_{33}	U_{23}	U_{13}	U_{12}
M ^H	0.0091(4)	0.0071(3)	0.0123(3)	0.00102(17)	0.0012(7)	0.0008(4)
A ^P	0.0119(4)	0.0116(3)	0.0147(3)	0.0006(2)	0.0021(8)	0.0010(5)
M ^O (1)	0.0082(5)	0.0490(6)	0.0279(5)	-0.0299(4)	0.0046(8)	-0.0058(10)
M ^O (2)	0.0245(16)	0.0185(14)	0.0155(14)	-0.0022(10)	-0.002(3)	-0.004(3)
M ^O (3)	0.0251(14)	0.0107(9)	0.0237(11)	0.0072(7)	0.005(3)	0.002(2)
Si(1)	0.0102(10)	0.0076(6)	0.0081(6)	-0.0002(5)	0.0010(5)	0.0013(9)
Si(2)	0.0120(11)	0.0062(6)	0.0080(6)	-0.0007(5)	0.0025(4)	0.0012(9)
O(1)	0.0116(16)	0.0133(17)	0.0132(16)	0.0001(14)	-0.0036(12)	-0.0030(17)
O(2)	0.0176(18)	0.0163(18)	0.0123(15)	0.0034(15)	0.0081(13)	0.0052(18)
O(3)	0.014(2)	0.0110(17)	0.0183(16)	-0.0053(13)	0.001(3)	-0.001(3)
O(4)	0.015(2)	0.0110(17)	0.0199(16)	-0.0060(13)	-0.000(3)	-0.001(3)
O(5)	0.017(2)	0.0086(16)	0.0138(15)	0.0023(11)	0.004(3)	-0.001(3)
O(6)	0.016(2)	0.0104(16)	0.0135(15)	0.0023(12)	0.003(3)	-0.000(3)
O(7)	0.0113(15)	0.0265(19)	0.0177(16)	-0.0040(14)	0.0046(16)	0.000(2)
X ^O _M	0.0193(16)	0.0214(15)	0.0144(14)	-0.0012(12)	0.001(2)	0.002(3)
X ^O _A	0.0279(17)	0.0175(14)	0.0181(14)	0.0021(11)	0.002(2)	0.001(3)
NACARENI OBSITE-(Ce)						
Atom	U_{11}	U_{22}	U_{33}	U_{23}	U_{13}	U_{12}
M ^H	0.0084(11)	0.0066(11)	0.0146(11)	-0.0006(7)	0.001(2)	0.0064(9)
A ^P	0.005(3)	0.0153(14)	0.0150(13)	0.0025(14)	0.003(2)	0.0051(15)
M ^O (1)	0.0086(10)	0.0404(13)	0.0182(10)	-0.0240(9)	0.0011(16)	0.0017(14)
M ^O (2)	0.010(3)	0.014(3)	0.016(3)	-0.002(2)	-0.006(5)	0.001(4)
M ^O (3)	0.027(3)	0.012(2)	0.027(2)	0.0083(17)	0.011(6)	0.009(3)
Si(1)	0.0136(11)	0.0059(11)	0.0076(10)	0.0009(8)	0.0001(10)	0.0071(17)
Si(2)	0.0136(11)	0.0059(11)	0.0076(10)	0.0009(8)	0.0001(10)	0.0071(17)
O(1)	0.013(2)	0.010(2)	0.014(2)	-0.0015(16)	-0.005(3)	-0.001(3)
O(2)	0.042(6)	0.027(6)	0.004(4)	0.002(4)	0.001(4)	0.009(5)
O(3)	0.013(2)	0.010(2)	0.014(2)	-0.0015(16)	-0.005(3)	-0.001(3)
O(4)	0.003(4)	0.020(5)	0.017(4)	-0.008(3)	-0.004(4)	-0.003(4)
O(5)	0.013(2)	0.010(2)	0.014(2)	-0.0015(16)	-0.005(3)	-0.001(3)
O(6)	0.013(2)	0.010(2)	0.014(2)	-0.0015(16)	-0.005(3)	-0.001(3)
O(7)	0.019(5)	0.045(6)	0.023(5)	-0.007(4)	0.009(5)	-0.001(6)
X ^O _M	0.019(4)	0.028(4)	0.012(3)	-0.002(3)	0.001(5)	0.010(5)
X ^O _A	0.032(4)	0.028(4)	0.010(3)	0.002(3)	-0.001(6)	-0.003(6)
Subsidiary peaks						
A ^P (A)	0.005(3)	0.0153(14)	0.0150(13)	0.0025(14)	0.003(2)	0.0051(15)
M ^H (A)	0.0084(11)	0.0066(11)	0.0146(11)	-0.0006(7)	0.001(2)	0.0064(9)