

# The Russell Society

## Southern Branch Reference List of Mendip Minerals

Compiled by Gary Morse

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Mineral	Formula	Locations	Reference
1. Allophane	$\text{Al}_2\text{O}_3 \cdot (\text{SiO}_2)_{1.3-2.0} \cdot 2.5-3.0\text{H}_2\text{O}$	East Harptree	BMS Database
2. Anglesite	$\text{PbSO}_4$	Priddy <sup>1</sup> Stancombe Lane q.	Min. Mag., <b>20</b> , 67-92 BMS Database
3. Ankerite	$\text{Ca}(\text{Fe}^{2+}, \text{Mg}, \text{Mn})(\text{CO}_3)$	Torr Works q.	Pers. Com.
4. Antigorite	$(\text{Mg}, \text{Fe}^{2+})_3\text{Si}_2\text{O}_5(\text{OH})_4$	Moons Hill q.	Russ. Soc. Mem. Sp.
5. Apophyllite	$\text{KCa}_4(\text{Si}_4\text{O}_{10})_2\text{F} \cdot 8\text{H}_2\text{O}$	Torr Works q.	Min. Rec., <b>8</b> , 298-303
6. Aragonite	$\text{CaCO}_3$	Colemans q. Dulcote q. Higher Pitts mine Lamb Leer Torr Works q. Moons Hill q.	BMS Database Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Museum 1 & 2 Proc. BNS., <b>36</b> , 76-104 Pers. Com.
7. Ardennite	$(\text{Mn}, \text{Ca}, \text{Mg})_4(\text{Al}, \text{Mn}, \text{Fe}, \text{Mg})_6(\text{As}, \text{V}, \text{P}, \text{Si})(\text{O}, \text{OH})_4(\text{SiO}_4)_2\text{Si}_3\text{O}_{10}$	Torr Works q.	Supp. List of Brit. Min. IV
8. Azurite	$\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$	Colemans q. Higher Pitts mine Torr Works q. Moons Hill q.	Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Min. Rec., <b>8</b> , 298-303 Russ. Soc. Mem. Sp.
9. Baryte Common at most localities	$\text{BaSO}_4$	Colemans q. Dulcote q. East Harptree Halecombe q. Higher Pitts mine Torr Works q. Stancombe Lane q. Waterlip mine Whatley q.	BMS Database BMS Database Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Proc. BNS., <b>36</b> , 76-104 Russ. Soc. Mem. Sp. Museum 1. Russ. Soc. Mem. Sp.
10. Barytocalcite	$\text{BaCa}(\text{CO}_3)_2$	Colemans q.	J. Russ. Soc., <b>3</b> (1), 1-6
11. 'Beudantite' <sup>2</sup>	$\text{PbFe}^{3+}_3(\text{AsO}_4)(\text{SO}_4)(\text{OH})_6$	Sandford q.	Min. Mag. <b>35</b> , 1013-1016
12. Blixite	$\text{Pb}_2\text{Cl}(\text{O}, \text{OH})_2$	Torr Works q.	Proc. BNS., <b>36</b> , 76-104
13. Brucite	$\text{Mg}(\text{OH}_2)$	Torr Works q.	Min. Mag., <b>41</b> , 406-408
14. Calcite Very common at all localities	$\text{CaCO}_3$	Batts Coombe q. Colemans q. Dulcote q. Halecombe q. Higher Pitts mine Torr Works q. Moons Hill q. Whatley q.	BMS Database BMS Database BMS Database Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.
15. Calcite	Var. manganocalcite	Colemans q. Higher Pitts mine	BMS Database Min. Rec., <b>27</b> , 245-259
16. Celestite	$\text{SrSO}_4$	Dinder Dulcote q. Hinton Blewett Nempnett Thrubwell Wells Westbury-sub-Mendip	Min. Assess. Rep., 25 BMS Database Min. Mag., <b>26</b> , 67-80 Min. Assess. Rep., 25 Min. Assess. Rep., 25 Min. Assess. Rep., 25
17. Cerussite	$\text{PbCO}_3$	Batts Coombe q. Blackdown Hill Colemans q. Dulcote q.	BMS Database Pers. Com. BMS Database Russ. Soc. Mem. Sp.

Mineral	Formula	Locations	Reference
		Harptree Higher Pitts mine Torr Works q. Priddy <sup>1</sup> Sandford q. Stancombe Lane q.	Museum 3 Min. Rec., <b>27</b> , 245-259 Proc. BNS., <b>36</b> , 76-104 Min. Mag., <b>20</b> , 67-92 G & M Rlm, <b>16</b> ,(1) 22-34 Russ. Soc. Mem. Sp.
18. 'Chalcocite' <sup>3</sup>	Cu <sub>2</sub> S	Higher Pitts mine Torr Works q. Moons Hill q.	Min. Rec., <b>27</b> , 245-259 Min. Rec., <b>8</b> , 298-303 Russ. Soc. Mem. Sp.
19. Chalcopyrite	CuFeS <sub>2</sub>	Loxton Cave Torr Works q.	Russ. Soc. Mem. Sp. Min. Rec., <b>8</b> , 298-303
20. Chloroxiphite	Pb <sub>3</sub> CuCl <sub>2</sub> (OH) <sub>2</sub> O <sub>2</sub>	Colemans q. Higher Pitts mine (TL) Torr Works q.	BMS Database Min. Mag., <b>20</b> , 67-92 Proc. BNS., <b>36</b> , 76-104
21. Chrysocolla	(Cu,Al) <sub>2</sub> H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> ·nH <sub>2</sub> O	Moons Hill q.	Pers. Com.
22. Cinnabar	HgS	Stancombe Lane q. Whatley q.	J. Russ. Soc., <b>5</b> (1), 33 Russ. Soc. Mem. Sp.
23. Copper	Cu	Torr Works q. Moons Hill q.	Min. Rec., <b>8</b> , 298-303 Russ. Soc. Mem. Sp.
24. Coronadite	Pb(Mn <sup>4+</sup> ,Mn <sup>2+</sup> ) <sub>6</sub> O <sub>16</sub>	Torr Works q.	Am. Min., <b>85</b> , 1526-1533
25. Cotunnite	PbCl <sub>2</sub>	Torr Works q.	Pers. Com.
26. 'Covellite' <sup>3</sup>	CuS	Moons Hill q.	Pers. Com.
27. Crednerite	CuMnO <sub>2</sub>	Colemans q. Higher Pitts mine Torr Works q.	BMS Database Min. Mag., <b>20</b> , 67-92 Proc. BNS., <b>36</b> , 76-104
28. Cuprite	Cu <sub>2</sub> O	Colemans q. Torr Works q. Moons Hill q.	BMS Database Min. Rec., <b>8</b> , 298-303 Russ. Soc. Mem. Sp..
29. Datolite	CaBSiO <sub>4</sub> (OH)	Torr Works q.	Min. Rec., <b>8</b> , 298-303
30. Diaboleite	Pb <sub>2</sub> CuCl <sub>2</sub> (OH) <sub>4</sub>	Colemans q. Higher Pitts mine (TL) Torr Works q.	BMS Database Min. Mag., <b>20</b> , 67-92 Proc. BNS., <b>36</b> , 76-104
31. Digenite <sup>3</sup>	Cu <sub>9</sub> S <sub>5</sub>	Moons Hill q.	Pers. Com
32. Djurleite <sup>3</sup>	Cu <sub>31</sub> S <sub>16</sub>	Moons Hill q.	Pers. Com.
33. Dolomite	CaMg(CO <sub>3</sub> ) <sub>2</sub>	Colemans q. Halecombe q. Higher Pitts mine Kilmersdon colliery Stancombe Lane q.	Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.
34. Dundasite	PbAl <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·H <sub>2</sub> O	East Harptree	BMS Database
35. Ecdemite	Pb <sub>6</sub> As <sup>3+</sup> <sub>2</sub> O <sub>7</sub> Cl <sub>4</sub>	Torr Works q.	Pers. Com.
36. Epidote	Ca <sub>2</sub> (Fe <sup>3+</sup> ,Al) <sub>3</sub> (SiO <sub>4</sub> ) <sub>3</sub> (OH)	Moons Hill q.	Pers. Com.
37. Epidote	Var. Arendalite	Moons Hill q.	Pers. Com.
38. Fluorite	CaF	Asham q. Bryants q. Colemans q. Halecombe q. Kilmersdon colliery Nyland Hill Stancombe Lane q. Westdown Farm q. Whatley q.	Museum 2 Min. Mag., <b>26</b> , 67-80 BMS Database Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.
39. Fornacite	Pb <sub>2</sub> Cu(AsO <sub>4</sub> )(CrO <sub>4</sub> )(OH)	Torr Works q.	Pers. Com.
40. Galena Common at most localities	PbS	Colemans q. Dulcote q. Halecombe q. Higher Pitts mine Lamb Bottom Torr Works q. Stancombe Lane q. Whatley q.	Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 J. Russ. Soc., <b>6</b> (1), 37-39 Min. Rec., <b>8</b> , 298-303 Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.

Mineral	Formula	Locations	Reference
41. Ganomalite <sup>5</sup>	Pb <sub>9</sub> Ca <sub>5</sub> Mn <sup>2+</sup> Si <sub>9</sub> O <sub>33</sub>	Torr Works q.	Pers. Com.
42. Gibbsite	Al(OH) <sub>3</sub>	East Harptree	BMS Database
43. Goethite Common. Pseudomorphs after pyrite at Halecombe q. & other places.	α-Fe <sup>3+</sup> O(OH)	Colemans q. Dulcote q. Halecombe q. Higher Pitts mine Torr Works q. Whatley q.	Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Proc. BNS., <b>36</b> , 76-104 Russ. Soc. Mem. Sp.
44. Goethite Very common	Var. limonite	Higher Pitts mine	Min. Rec., <b>27</b> , 245-259
45. Greenockite	CdS	Whatley q.	Russ. Soc. Mem. Sp.
46. Gypsum	CaSO <sub>4</sub> ·4H <sub>2</sub> O	Frome (Oxford Clay)	Pers. Com.
47. Halloysite	Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	East Harptree	BMS Database
48. Hausmannite	Mn <sup>2+</sup> Mn <sup>3+</sup> <sub>2</sub> O <sub>4</sub>	Colemans q.	BMS Database
49. Hematite Very common	α-Fe <sub>2</sub> O <sub>3</sub>	Colemans q. Higher Pitts mine	BMS Database Min. Rec., <b>27</b> , 245-259
50. Hydrocerussite	Pb <sub>3</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>2</sub>	Batts Coombe q. Colemans q. Halls q. Ham Woods Harptree Higher Pitts mine Torr Works q.	BMS Database Russ. Soc. Mem. Sp. Min. Rec., <b>8</b> , 298-303 Min. Rec., <b>8</b> , 298-303 Museum 3 Min. Mag., <b>20</b> , 67-92 Proc. BNS., <b>36</b> , 76-104
51. Hydromagnesite	Mg <sub>5</sub> (CO <sub>3</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	Torr Works q.	Min. Mag., <b>41</b> , 406-408
52. Hydrotalcite	Mg <sub>6</sub> Al <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>16</sub> ·4H <sub>2</sub> O	East Harptree	BMS Database
53. Hydrozincite <sup>4</sup>	Zn <sub>5</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>6</sub>	Singing River mine	Pers. Com.
54. Kaolinite	Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	East Harptree	BMS Database
55. Kentrolite	Pb <sub>2</sub> Mn <sup>3+</sup> <sub>2</sub> Si <sub>2</sub> O <sub>9</sub>	Colemans q. Higher Pitts mine Torr Works q.	BMS Database Min. Rec., <b>27</b> , 245-259 Russ. Soc. Mem. Sp.
56. Laumontite	CaAl <sub>2</sub> Si <sub>4</sub> O <sub>12</sub> ·4H <sub>2</sub> O	Moons Hill q.	Pers. Com.
57. Laumontite	Var. leonhardite	Moons Hill q.	Pers. Com.
58. Leadhillite <sup>1</sup>	Pb <sub>4</sub> (SO <sub>4</sub> )(CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>2</sub>	Priddy	Min. Mag., <b>20</b> , 67-92
59. Lepidocrocite	γ-Fe <sup>3+</sup> O(OH)	Westdown q.	Pers. Com.
60. Lizardite	Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	Torr Works q.	Pers. Com.
61. Malachite	Cu <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>2</sub>	Batts Coombe q. Colemans q. Higher Pitts mine Torr Works q. Moons Hill q. Whatley q.	BMS Database BMS Database Min. Rec., <b>27</b> , 245-259 Min. Rec., <b>8</b> , 298-303 Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.
62. Manganite	MnO(OH)	Colemans q. Higher Pitts mine Torr Works q.	BMS Database Min. Rec., <b>27</b> , 245-259 Min. Rec., <b>8</b> , 298-303
63. Marcasite	FeS <sub>2</sub>	Writhlington G.N.R.	Proc G.A., <b>105</b> , 297-303
64. Melanotekite	Pb <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> Si <sub>2</sub> O <sub>9</sub>	Colemans q. Coombe Farm q. Higher Pitts mine	BMS Database BMS Database Min. Rec., <b>27</b> , 245-259
65. 'Melanterite'	Fe <sup>2+</sup> SO <sub>4</sub> ·7H <sub>2</sub> O	Shipham	Min. Mag., <b>26</b> , 67-80
66. Mendipite	Pb <sub>3</sub> Cl <sub>2</sub> O <sub>2</sub>	Colemans q. Halls q. Harptree Higher Pitts mine (TL) Torr Works q. Priddy Priddy Hill Farm	BMS Database Min. Rec., <b>8</b> , 298-303 Museum 3 Min. Mag., <b>20</b> , 67-92 Proc. BNS., <b>36</b> , 76-104 Museum 1 Min. Mag., <b>20</b> , 67-92
67. Mereheadite	Pb <sub>2</sub> O(OH)Cl	Torr Works q. (TL)	Min. Mag., <b>62</b> , 387-393
68. Millerite	NiS	Whatley q. Writhlington G.N.R.	Pers. Com. Proc G.A., <b>105</b> , 297-303
69. Mimetite	Pb <sub>5</sub> (AsO <sub>4</sub> ) <sub>3</sub> Cl	Colemans q.	BMS Database

Mineral	Formula	Locations	Reference
		Higher Pitts mine Torr Works q.	Min. Rec., <b>27</b> , 245-259 Proc. BNS., <b>36</b> , 76-104
70. Nasonite <sup>5</sup>	Pb <sub>6</sub> Ca <sub>4</sub> Si <sub>6</sub> O <sub>21</sub> Cl <sub>2</sub>	Torr Works q.	Pers. Com.
71. Palygorskite	(Mg,Al) <sub>2</sub> Si <sub>4</sub> O <sub>10</sub> (OH)·4H <sub>2</sub> O	Moons Hill q.	Pers. Com.
72. Paralaurionite	PbCl(OH)	Colemans q. Torr Works q.	BMS Database Proc. BNS., <b>36</b> , 76-104
73. Parkinsonite	(Pb,Mo)O <sub>8</sub> Cl <sub>2</sub>	Torr Works q. (TL)	Min. Mag., <b>58</b> , 59-68
74. Pectolite	NaCa <sub>2</sub> Si <sub>3</sub> O <sub>8</sub> (OH)	Moons Hill q.	Russ. Soc. Mem. Sp.
75. Plattnerite	PbO <sub>2</sub>	Higher Pitts mine Torr Works q.	Min. Rec., <b>27</b> , 245-259 Pers. Com.
76. Prehnite	Ca <sub>2</sub> Al <sub>2</sub> Si <sub>3</sub> O <sub>10</sub> (OH) <sub>2</sub>	Moons Hill q.	Pers. Com.
77. 'Psilomelane'	Hard oxides of manganese	Higher Pitts mine Torr Works q.	Min. Rec., <b>27</b> , 245-259 Min. Rec., <b>8</b> , 298-303
78. Pumpellyite-(Mg)	Ca <sub>2</sub> (Mg,Al)Al <sub>2</sub> Si <sub>3</sub> (O,OH) <sub>14</sub>	Moons Hill q.	Russ. Soc. NL No 49 Sept. 2006
79. Pyrite Common at most localities.	FeS <sub>2</sub>	Colemans q. Halecombe q. Torr Works q. Moons Hill q. Whatley q.	Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Pers. Com. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.
80. Pyrolusite	MnO <sub>2</sub>	Higher Pitts mine Torr Works q. Whatley q.	Min. Rec., <b>27</b> , 245-259 Proc. BNS., <b>36</b> , 76-104 Russ. Soc. Mem. Sp.
81. Pyromorphite	Pb <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> Cl	Batts Coombe q. Colemans q. Greenhill Higher Pitts mine Torr Works q. Whatley q.	Min. Mag., <b>26</b> , 67-80 BMS Database Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Proc. BNS., <b>36</b> , 76-104 Russ. Soc. Mem. Sp.
82. Quartz Common at most localities.	SiO <sub>2</sub>	Colemans q. Halecombe q. Higher Pitts mine Torr Works q. Moons Hill q. Whatley q. Winford Ochre Pit	BMS Database Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Russ. Soc. Mem. Sp. Pers. Com. Russ. Soc. Mem. Sp. BMS Database
83. Quartz	Var. amethyst	Dulcote q. Lamb Bottom	Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.
84. Quartz	Var. chalcedony (agate)	Dulcote q. Moons Hill q. Whatley q.	J. of Gemm., <b>16</b> , 77-85 Pers. Com. Russ. Soc. Mem. Sp.
85. Rhodochrosite	MnCO <sub>3</sub>	Colemans q. Higher Pitts mine Torr Works q. Whatley q.	BMS Database Min. Rec., <b>27</b> , 245-259 Proc. BNS., <b>36</b> , 76-104 Russ. Soc. Mem. Sp.
86. Romanèchite	(Ba,H <sub>2</sub> O) <sub>2</sub> (Mn <sup>4+</sup> ,Mn <sup>3+</sup> ) <sub>5</sub> O <sub>10</sub>	Torr Works q.	Pers. Com.
87. Scarbroite	Al <sub>5</sub> (OH) <sub>13</sub> (CO <sub>3</sub> )·5H <sub>2</sub> O	East Harptree	BMS Database
88. Siderite	FeCO <sub>3</sub>	Writhlington G.N.R.	Proc G.A., <b>105</b> , 297-303
89. Smithsonite Occurs at many localities	ZnCO <sub>3</sub>	Colemans q. East Harptree Stancombe Lane q. Worle Hill	Russ. Soc. Mem. Sp. BMS Database Russ. Soc. Mem. Sp. Gough, Mines of Mendip
90. Sphalerite Common at most localities.	(Zn,Fe)S	Colemans q. Halecombe q. Whatley q.	Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.
91. Strontianite	SrCO <sub>3</sub>	Dulcote q. Kilmersdon Colliery	BMS Database Pers. Com.
92. Sulphur	S	Stancombe Lane q.	Proc. BNS, <b>43</b> , 27
93. Symesite	Pb <sub>10</sub> (SO <sub>4</sub> )O <sub>7</sub> Cl <sub>4</sub> ·H <sub>2</sub> O	Torr Works q. (TL)	Am. Min., <b>85</b> , 1526-1533
94. Tenorite	Cu <sup>2+</sup> O	Moons Hill q.	Pers. Com.

Mineral	Formula	Locations	Reference
95. Tetrahedrite	$(\text{Cu,Fe})_{12}\text{Sb}_4\text{S}_{13}$	Higher Pitts mine	Min. Rec., <b>27</b> , 245-259
96. Vanadinite	$\text{Pb}_5(\text{VO}_4)_3\text{Cl}$	Torr Works q.	Pers. Com.
97. Vésigniéite	$\text{BaCu}^{2+}_3(\text{VO}_4)_2(\text{OH})_2$	Torr Works q.	Pers. Com.
98. 'Wad'	Soft oxides of manganese	Colemans q. Higher Pitts mine Torr Works q. Whatley q.	Russ. Soc. Mem. Sp. Min. Rec., <b>27</b> , 245-259 Russ. Soc. Mem. Sp. Russ. Soc. Mem. Sp.
99. Whewellite	$\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$	Writhlington G.N.R.	Proc G.A., <b>105</b> , 297-303
100. Wulfenite	$\text{PbMoO}_4$	Batts Coombe q. Coombe Farm q. Higher Pitts mine Torr Works q.	BMS Database BMS Database Min. Rec., <b>27</b> , 245-259 Proc. BNS., <b>36</b> , 76-104

### Notes to the Reference List:

(TL) The type locality for the mineral named.

1. These specimens are recorded from lead slags occurring on old mine sites.
2. Minerals of the beudantite group are rather ill defined and may be mixtures including beaverite and corkite.
3. Copper sulphide specimens that are identified as chalcocite or covellite may in fact be other copper sulphides such as digenite, djurleite, etc. depending on the publication date and methods of analysis used.
4. Formed as post mining alteration products.
5. Some confusion exists with the occurrence of ganomalite and nasonite. BMNH PCT X-ray analysis showed ganomalite for some samples that were discredited as nasonite but other X-ray data suggests ganomalite exists alongside ecdemite on other specimens from Torr Works quarry.

### References given in the Reference List:

- Am. Min. .... American Mineralogist  
 BMS Database ..... British Micromount Society Database  
 Supp. List of Brit. Min. IV..... Fourth Supplementary List of British Minerals, P.G. Embrey. In Mineralogy of Great Britain & Ireland, Greg & Lettsom (reprint)  
 G & M RIm. .... Gems & Mineral Realm  
 J. Gemm..... The Journal of Gemmology  
 J. Russ. Soc. .... Journal of the Russell Society  
 Russ. Soc. NL ..... Russell Society Newsletter  
 Min. Assess. Rep., 25 ..... Mineral Assessment Report, 25, Celestine Resources. Nickless, Booth & Mosley  
 Min. Mag. .... Mineralogical Magazine  
 Min. Rec. .... The Mineralogical Record  
 Museum 1 ..... Bristol Museum  
 Museum 2 ..... North Somerset Museum, Weston-super-Mare  
 Museum 3 ..... Sedgwick Museum, Cambridge (Woodward Coll'n)  
 Pers. Com. .... Personal Communication  
 Proc. BNS ..... Proceedings of the Bristol Naturalist Society  
 Proc. G.A. .... Proceedings of the Geologists' Association  
 Russ. Soc. Mem. Sp. .... Russell Society Members Specimen