A Catalogue of the R. J. King Mineral Collection

Part I  CASSITERITE SPECIMENS
by R.J. King
A CATALOGUE OF THE R.J. KING MINERAL COLLECTION

Part I – CASSITERITE SPECIMENS
by Robert J. King

The catalogue is organised geographically commencing with British material and ranges across the world in the standard geographical format.

The British material is grouped under two main headings: Cornubia; and the Rest of Britain. Cornubian specimens are grouped under the geographical headings (i-xii) used by Dines (1956). Localities falling outside those boundaries appear within the area geographically nearest to them. The mines and/or localities in every case are entered alphabetically. Nearby place names have been used as points of reference.

Where possible, modern geographical nomenclature has been used. In some cases, however, where it has not been possible to locate small localities on modern maps, the ‘given’ nomenclature has been retained, and it should be borne in mind that these may contain errors resulting from the imperfect interpretation of handwriting on old labels.

Each item in the catalogue bears the specimen’s accession number within the King Collection; the date of collection from the field where known; a short description of the specimen’s physical features where of value; and bibliographic data where of use and where available. Any controversy concerning the species identification or locality is entered.

Much of the material listed is from the Harwood (Deganwy) Bequest. Each item from the latter bears the letter H. The sources of much of the Harwood material are unknown but letters exist in the author’s files indicating that Harwood acquired much, if not all, of the Saxon and the Bohemian material by exchange with the Narodni Museum of Natural History in Prague. The donor indicated that the specimens sent were from old collections. It seems likely that a large majority of the remainder of the collection was acquired in a similar manner for some of it bears old accession numbers.

Figured and/or cited specimens in the collection are marked with red or blue spots respectively and the journal of publication indicated against the relevant catalogue item.

The collection is freely available for inspection for crystallographic, geochemical or topographical mineralogical research etc. There have been no problems of meta-stability within the collection. Any cassiterites with associated tin-bearing sulphides or other salts have been isolated from the cassiterite collection and have been classified under the name of the associate. Though still freely available for study, they are kept under much more controlled atmospherical conditions.

All enquiries relating to the collection should be addressed to the Author at the Department of Geology, Leicester University where the collection is, at present, housed.
1. CORNUBIA

Cornwall Non-located
1522 Crystal Group
4069 Crystal Group H

i. St. JUST DISTRICT
St. Just Non-located
6844 Crystal Group H

St. Just Stream Works
6845 Pebble H

Kelynnack Downs
6891 Crystal Group H
6892 Crystal Group H

Nanjulian
6887 With quartz H

Nanquidno
6881 In quartz H

Sancreed
4072 var. Wood Tin H
6860 var. Wood Tin H
6861 var. Wood Tin H

Balleswidden Mine — St. Just
6853 With Schorl. Crystal Group H
6854 With Schorl. Crystal Group H
6855 H
6856 Crystal Group H
6858 Trial shaft west of.
With Peach¹ etc. H

Bellan Wheal — St. Just
6888 H
6889 In quartz. H

Boscaswell Downs Mine — Pendeen
6866 H
6867 1964, H.
100 fathom. level.

Botallack Mine — St. Just
6893 H
6894 H
6895 1846 Crowns Section H

Bounds, Little mine (St. Just Amalgamated)
—— St. Just
6878 H

Boys Wheal — St. Just
6880 H

Cape Cornwall Mine — St. Just
1644 Crystal Group

Carne Wheal — Pendeen
6884 With jasper H

Cook Wheal — St. Just
6883 H

Ding Dong Mine — Madron
6886 H

Garth Mine — Sancreed
6850 var. Wood Tin H
6851 var. Wood Tin in orthoclase H
6852 var. Wood Tin H

Geevor Mine — Pendeen
1482 1958
6834 1966 Simm's Lode, with hematite, chlorite and quartz. H
6835 1966 Simm's Lode, With chlorite and quartz H
6836 North Lode. H
6837 Crystal Group H
6838 With fluorite. H
6839 Crystal Group H
6840 Station 10, North Lode. H
6841 Station 7, North Pig Lode, H
6842 Station 7, South Pig Lode, H

Hermon Wheal — St. Just
5879 H

Kelynnack Mine — St. Just
6890 H

Levant Mine — Pendeen
6808 1912, 40 fathom 'Backs' H
6809 1966. With hematite, cuprite, malachite and chalcopyrite. Area of breach above 40 fathom 'Backs'. H
6810 H
6811 With Peach. H
6812 170 fathom level. H
6813 190 fathom level. H
6814 326 fathom stope. H
6815 1914, 326 fathom stope. H
6816 1912. With chalcoite and chalcopyrite. 350 fathom level. H
6818 Crystal Group. Higher bal. H
6819 Crystal Group. North Lode. H
6843 278 fathom level. H

Levant North Mine — Pendeen
6862 Crystal Group. H
6863 Crystal Group. H
6864 Crystal Group. H
6865 "Breccia Ore". H

1. Peach is a Cornish miners term for massive chlorite associated with cassiterite.
St. JUST DISTRICT continued

Parknoweth Mine - St. Just
6885 H

Penlee Quarry - Newlyn
6882 1867. In quartz.
Caunter lode. 2 H

Roevale Mine - Zennor
6859 H

St. Just United Mines (Amalgamated) - St. Just
6847 Crystal Group. H
6848 Crystal Group. H
6849 In fluorite. H

Spearn Moor Mine - St. Just
7093 H

ii. St. IVES DISTRICT

Giew Mine - Halse Town
6832 Crystal Group H

Merth Wheal - Hayle
6833 H

Providence Wheal - St. Ives
7091 H

iii. Gwinear DISTRICT

Parbola Mine
6871 Veining elvan. 3 H
6872 Veining bleached and brecciated elvan, H
6873 Veining bleached and brecciated elvan, H

Providence Wheal
6877 Crystal Group H

Relistien Mine
415 var. Sparable. Tin. Crystal Group
6869 North lode, Crystal Group H
6870 Crystal Group. Cementing chloritic breccia. H

Relistien Consols
1596 300 fathom level

Rosewarne New Mine
6874 Crystal Group H
6875 Crystal Group H
6876 Crystal Group H

Tremayne Wheal
134 Crystal Group

iv. MOUNTS BAY DISTRICT

St. Michael's Mount
1469 1958. South side. Single Crystal
3255 1898. With lepidolite
6909 With topaz. Crystal Group. H

Fortune East Wheal - Sithney
6897 Crystal Group. H

Fortune Great Wheal - Breage
248 1875. Crystal Group
736 Crystal Group. With muscovite
6896 Crystal Group. H

Great Work Mine - Breage
6902 Crystal Group. H
6903 Crystal Group. H
6904 Crystal Group. H
6905 Crystal Group. H
6906 Crystal Group. H

Hampton Wheal - Marazion
7087 H

Lady Gwendolen Mine - Breage
6911 8 fathom level. Crystal Group. H
6912 H
6913 H
6914 H
6915 17 fathom level. H
6916 H

Metal Wheal - Breage
6898 With bertrandite. Crystal Group. H
6899 Crystal Group. H
6900 var. Wood Tin. H

Polrose Mine - Godolphin Cross
6901 H

Tregurtha Downs Mine - Marazion
6910 H

Vor Great Wheal - Breage
4087 Crystal Group. H
6907 Crystal Group. H
6908 Crystal Group. H

Vreah Wheal - Breage
4086 var. Sparable Tin. Crystal Group. H

Wherry Mine - Penzance
1119 Crystal Group
7043 In elvan. H

2. Caunter lode - a lode usually bearing copper, which bears in a contrary direction to the general lode direction of a mine

3. Elvan - a potassic microgranite appearing in dyke-like bodies cutting and associated with the granites of Cornubia.
v. WENDRON AND FALMOUTH DISTRICT

Boswin Wheal — Wendron
7084 H
7085 H

Lovell East Wheal — Wendron
6925 Crystal Group. H

Magdalen Quarry — Ponsanooth
6960 H

Magdalen Mine — Ponsanooth
6959 20 fathom level. H

Polhigey Mine — Wendron
6924 H

vi. CAMBORNE, REDRUTH AND St. DAY DISTRICT

Trewarda — Kenwyn
222 var. Stream Tin

Basset Wheal — Redruth
6919 H
6920 Caunter Lode. H

Buller Wheal — Redruth
6927 Crystal Group. H

Busy Great Wheal — St. Day
6945 H

Camborne Vean Mine — Camborne
6934 With chalcopyrite. H

Carn Brea Mine — Carn Brea
1680 Crystal Group
6917 Crystal Group. H
6918 H

Comford Wheal — Lanner
4084 Crystal Group. H

Cook’s Kitchen New Mine — Camborne
6929 In quartz, 248 fathom level. H

Creegbrawse Mine — St. Day
6958 Crystal Group. H

Crofty Wheal — Camborne
6948 Crystal Group. H

Crofty South Wheal — Camborne
6946 340 fathom level. H
6947 1960. H

Dolcoath Mine — Camborne
4071 var. Sparable Tin. Crystal Group. H
4073 Crystal Group. H
6949 var. Sparable Tin. Crystal Group. H
6950 Crystal Group. H
6951 Crystal Group. H
6952 var. Sparable Tin. Crystal Group. H
6953 425 Fathom level. Crystal Group. H
6954 var. Sparable Tin. Crystal Group. H
6955 1869. “Best Work”
290 fathom level. H
6956 490 fathom level. H
6957 H

Frances West Wheal — Camborne
6932 Crystal Group. Great Flat Lode. H

Gorland Wheal — St. Day
1476 1958
1573 1958. With melacoonite and olivenite

Killifreth Mine — St. Day
7089 Crystal Group. H
7090 Leader in vein
40 fathom level. H

Park-an-chy Mine — St. Day
6921 In fluorite. H

Pedn-an-drea Mine — Redruth
6935 With fluorite. H
6937 Crystal Group. H

Peevor Wheal — Redruth
6933 Crystal Group. H

Pendarves United Mine — Camborne
6936 H

Penstruthal Mine — Lanner
6928 H

Pool East Mine — Camborne
6938 Crystal Group. H
6939 H
6940 With wolfram in quartz-breccia. H
6941 With fluorite. H
6942 Cementing quartz-breccia.
180 fathom level. H
6943 H
6944 240 fathom level. Western End. Roger’s Lode. H
vi. CAMBORNE, REDRUTH AND St. DAY DISTRICT continued

Prussia Wheal — Redruth
6931 Crystal Group. H

Stray Park Mine — Camborne
6922 H

Stray Park West Mine — Camborne
6923 H

Tresavean Mine — Lanner
6961 Winze under 390 fathom level. H
6962 Winze under 345 fathom level. H
6963 370 fathom level. H

Tresavean West Mine — Lanner
6926 H

Uny Wheal — Redruth
6930 With adularia. Crystal Group. H

vii. St. AGNES DISTRICT

St. Agnes
1458 Twinned Crystal
6964 Crystal Group. H
6965 Crystal Group. H
6966 Crystal Group. H
6967 Crystal Group. H
6968 With Pyrite. Crystal Group. H
6969 Crystal Group. H
6970 Crystal Group. H
6971 Crystal Group. H

Cligga Head — Perranporth
1473 1958.
1738 1959. Single Crystal
1738A 1959. Twin Crystal
1738B 1959. Twin Crystal

Cligga Mine — Perranporth
6975 Crystal Group. H
6976 H
6977 Twinned Crystall. H

Coates Wheal — St. Agnes
671 1870, Pseudomorphous after orthoclase
671A ditto
671B ditto
1083 1828, Pseudomorphous after orthoclase.
4081 Pseudomorphous after orthoclase. H
4082 ditto
4083 ditto
6972 var, Wood Tin. H
6973 var, Wood Tin. H
6974 Crystal Group. H

Kitty Wheal — St. Agnes
3071
6996 1908. Crystal Group. H

Kitty West Wheal — St. Agnes
6994 Pseudomorphous after quartz. H
6998 var. Wood Tin. H
6999 Crystal Group. H
7000 Crystal Group. H
7001 , 1913. Leader on Thomas's section. H

Polberrow Mine — St. Agnes
6987 Crystal Group. H
6988 Crystal Group. H
6989 Crystal Group. H
6990 var. Wood Tin. H
6991 1846. H
6993 var. Wood Tin. H

Polberrow Royal Consols — St. Agnes
449 var. Wood Tin
6992 var. Wood Tin. H

Seal Hole Mine — St. Agnes
7002 Crystal Group. H

Trevoseplane — St. Agnes
4092 Crystal Group. H
6978 Crystal Group. H
6979 Crystal Group. H
6980 Crystal Group. H
6981 Crystal Group. H
6982 Crystal Group. H
6983 Crystal Group. H
6984 Crystal Group. H
6985 Crystal Group. H
6986 Crystal Group. H

Vottle Wheal — St. Agnes
6995 Crystal Group. H

viii. St. AUSTELL DISTRICT

Bodelva — St. Austell
7012 Outcrop of lode. With schorl. Crystal Group. H

Goss Moor — St. Dennis
2787 1910. Stream Tin

St. Columb Road — St. Dennis
1643 var. Wood Tin
4088 Crystal Group. H

Beam Mine — Roche
7004 H
7005 Crystal Group. H
viii. **St. AUSTELL DISTRICT** continued

Beam Great Mine — Roche
7003 Crystal Group. H

Beam Old Mine — Roche
423 With tourmaline. Crystal Group
1459 Single Crystal
2181 Crystal Group

Belowda Mine — Roche
7029 H

Bunny Mine — St. Austell
7034 var. Wood Tin. H
7035 Crystal Group. H
7036 Crystal Group. H
7037 With schorl. Crystal Group. H
7038 With schorl. H

Carclaze Clay Pit — St. Austell
7022 H

Charlestown Mine — St. Austell
7010 In chalcocite. H

Eliza Consols — St. Austell
7086 H

Glasteinning Mine — St. Austell
7009 H

Goonbarrow Quarry — Bugle
7017 H

Goonbarrow, Imperial Clay Pit — Bugle
7019 Crystal Group. H
7020 H

Goonbarrow, North Pit — Bugle
3065 With quartz. Crystal Group. H
7018 H

Henry Wheal Clay Pit — Bugle
7021 H

Hensbarrow Clay Pit — Stenalees
7088 H

Minear Downs Mine — St. Austell
7006 H
7007 H

Mulberry Mine — Lanivet
7016 H

Pagen Clay Works — St. Blazey
7015 H

Parka Consols — St. Columb Road
7023 1893. H

Pemboke, New Mine — St. Austell
7030 With Chalcopyrite. H

Prideaux Wood Mine — St. Blazey
7031 H
7032 var. Wood Tin with pyrite and chalcopyrite. H
7033 var. Wood Tin. H

Prosper Wheal — Lanivet
7024 Crystal Group. H

Rashleigh Clay Works — St. Austell
7014 H

Rock Hill Clay Pit — Bugle
7028 With schorl. Crystal Group. H

Rocks Tin Mine — Treverbyn
7011 1845. var. Wood Tin. H

Savath Clay Pit — Bugle
7013 Crystal Group. H

Treverbyn Mine — Treverbyn
4074 With quartz. Crystal Group. H

x. **LISKEARD DISTRICT**

Burling Mine — Altarnum
7044 Crystal Group. H

Killham Mine — St. Neot
7042 With arsenopyrite. H

Phoenix Wheal — St. Cleer
7041 H

Trebarland Mine — Altarnum
7040 Crystal Group. H
## xi. CALLINGTON & TAVISTOCK DISTRICT

- **Anderton mine** — Whitchurch  
  7057 H  
- **Downgate Mine** — Stoke Climsland  
  7049 H  
- **Drakewalls Mine** — Gunnislake  
  7053 H  
- **Framerton mine** — Gunnislake  
  7045 H  
  7046 H  
- **Hemerdon Ball** — Plympton  
  939 1947. Crystal Group. in greisen  
  7047 H  
  7048 With wolfram. H  
- **Kit Hill Mine** — Callington  
  7054 Crystal Group. H  
  7055 H  
- **Kit Hill, East Mine** — Callington  
  7056 Crystal Group. H  
- **Redmoor Mine** — Callington  
  7050 H  
  7051 Crystal Group. With quartz. H  
  7052 Crystal Group. H  
- **Trematon Mine** — Tavistock  
  7092 H

## xii. DARTMOOR & TEIGN VALLEY DISTRICT

- **Atlas Mine** — Ilsington  
  7827 With quartz. H  
- **Bag Tor Mine** — Ilsington  
  1645 Crystal Group  
- **Birch Tor & Vitifer** — North Bovey  
  7060 H  
  7061 H  
  7062 H  
  7063 1912. With hematite. H  
  7064 H  
- **Hexworthy mine** — Ashburton  
  7058 H  
  7059 H  
- **Leftlake Clay Pit** — Dartmoor  
  7008 H  
- **Redlake Clay Pit** — Dartmoor  
  7025 In quartz. H  
  7026 In quartz. H  
  7027 H

## 2. REST OF BRITAIN

### i. CUMBERLAND

- **? Carrock Mine** — Caldbec Fells  
  7819 In quartz.  
  Geniculate twin. H

### ii. ROSS-SHIRE

- **Mullach Creag, Riaraidh** — Diabidal Lodge  
  1108 In gneiss  
  7836 In gneiss. H

## 3. FRANCE

### i. MORBIHAN

- **Moulin de la Villeled**  
  7233 Crystal Group. H  
  7234 Crystal Group. H  
  7235 Crystal Group. H  
  7236 Geniculate twin. H  
  7237 Crystal Group. H  
  7238 Crystal Group. H  
  7239 Crystal Group. H  
  7240 var. Stream Tin. H  
  7241 H

### ii. LOIRE INFERIEURE

- **Nozay**  
  7242 Crystal Group. H  
  7243 H  
  7244 H

### iii. CREUSE

- **Montebras**  
  7245 H  
  7246 In gneisen. H  
  7247 H

### iv. HAUTE-VIENNE

- **Limoges**  
  7248 Crystal Group. H

## 4. PORTUGAL

- **Douro**  
  7269 Crystal Group. H  
- **Beralt Mine** — Beiro Bainca  
  7264 Crystal Group. H  
  7265 Crystal Group. H (cleaned from iron staining)  
  7266 ditto  
- **Panasqueira**  
  2826 1967. Crystal Group
PORTUGAL continued

Ramhaloso Mine
7268 Crystal Group. H
Viango
7267 In pegmatite. H

6. WEST GERMANY

Schelingen, Klippen
2343 1962. With galena in dolomite
Schönlind, Wannsiedel
7232 In schorl, in greisen. H

7. FEDERAL REPUBLIC OF EAST GERMANY

Saxony
4085 Crystal Group. H
7195 Crystal Group. H
7196 In kaolinite. H
7197 H
7198 H

Altenberg
7204 Crystal Group. H
7205 Group of twins. H
7206 Crystal Group. H
7207 Crystal Group. H
7208 Crystal Group. H
7209 Crystal Group. H
7210 In granite. H

Breitenbrunn
7212 Crystal Group. H
7213 With actinolite

Ehrenfriedersdorf
7216 Crystal Group. H
7217 Crystal Group. H
7218 Crystal Group. H
7219 Complex fourling twin. H
7220 Crystal Group. H
7221 Crystal Group. H
7222 With fluorite. H
7223 With fluorite. H

Sauberg, Ehrenfriedersdorf
7224 Crystal Group. H
7225 With quartz & zinnwaldite
7226 Crystal Group. H
7227 Crystal Group. H
7228 Crystal Group. H. With zinnwaldite
7229 Threeing twin. H
7230 Crystal Group. H
7231 Crystal Group. H. Partly faked

Geyer
7213 Crystal Group. H
7214 Crystal Group. H

Poberschau, Marientberg
7215 1840. H
Zinnwald
In that area of the Erz Gebirge formerly known as Zinnwald, the name Zinnwald has been retained on the Saxon side of the border, while the area formerly known as Zinnwald on the Bohemian side of the border has been re-named Cinovec (see under Czechoslovakia).

7200 Twinned Crystal. H
7201 ditto
7202 ditto
7203 Crystal Group. H

8. CZECHOSLOVAKIA

Bohemia

Cinovec (formerly Zinnwald)
4076 Crystal Group. On quartz. H
7152 Crystal Group. In greisen. H
7153 Crystal Group. With quartz. H
7154 Crystal Group. H
7155 Complex twin. H
7156 Complex twin. H
7157 Twinned crystal. H
7158 Twinned crystal. H
7159 Crystal Group. H
7160 Complex twins. H
7161 Crystal Group. With quartz. H
7162 Crystal Group. H
7163 Crystal Group. H
7164 Crystal Group. H
7165 Crystal Group. H
7166 Twinned crystal. H
7167 Crystal Group. H
7168 Twinned crystal. H
7169 Twinned crystal. H
7170 Crystal Group. H
7171 Crystal Group. H
7172 Crystal Group. H
7173 Crystal Group. H
7174 Twinned crystal. H
7175 H
7176 Multiple twin. H
7177 Crystal Group. H
7178 Crystal Group. H
7179 Crystal Group. H
7180 Twinned crystal. H
7181 Twinned crystal. H
7182 Goniculate twin. H
7183 Goniculate twin. H
7184 Twinned crystal. H
7185 Crystal Group. H
7186 Crystal Group. H
7187 Crystal Group. H
7188 Crystal Group. H
7189 Crystal Group. On greisen. Faked specimen. H
7190 ditto
7191 ditto
7192 ditto

Horni Blatná (formerly Platten)
St. Mauritius Mine, Hengsterbergen
7211 In "Zwitter". H

Horni Krupka (formerly Graupen)
1045 Crystal Group. In quartz. H
4077 Crystal Group. H
7146 Crystal Group. With quartz. H
7146 Crystal Group. H
7147 Crystal Group. H
7148 Complex twin. H
7149 Multiple twin. H
7150 Crystal Group. H
7151 Crystal Group. H

Luxer Vein, Horni Krupka
7193 Crystal Group. H

Martins Stollen, Horni Krupka
7194 Crystal Group. H

Horni Slavkov (formerly Schlaggenwald)
1161 With apatite and albite
7117 Crystal Group. H
7118 Crystal Group. H
7119 Crystal Group. H
7120 Crystal Group. H
7121 Crystal Group. H
7122 Crystal Group. H
7123 Crystal Group. H
7124 Crystal Group. Twinned Crystal. H
7125 Crystal Group. Twinned Crystal. H
7126 Twinned crystal. H
7127 H ditto
7128 H ditto
7129 H ditto
7130 H ditto
7131 Crystal Group. H
7132 Goniculate twin. H
7133 Crystal Group. With scheelite. H
7134 Crystal Group. H
7135 Crystal Group. H
7136 Crystal Group. H
7137 Crystal Group. H
7138 Crystal Group. H
7139 Crystal Group. H
7140 Twinned crystal. H
7141 Crystal Group. H
7142 With topaz and fluorite. H
7143 Crystal Group. H
7144 Crystal Group. H

Jáchymov
7199 H
9. ITALY

Tuscany
Cento Camarelle mine, Campiglia Marittima
7259 Crystal Group. H
7260 H
7261 H

Elba, Isle of
San Piero
7262 H
Grotta d'Oggi
7263 Crystal Group. In pegmatite. H

10. GREENLAND

Arsuk Fjord Ivigtut
7276 Crystal Group. H
7277 In quartz. H
7278 1869. In quartz. H
7279 H
7280 H
7281 H
7283 H

11. NORWAY

Tjordal Hoydalen
7270 In pegmatite. H
7271 In pegmatite. H

12. SWEDEN

Finbo
7273 In pegmatite. H
Moren
7275 With garnet. H
Utö
7274 In quartz. H
Varutrask
7272 In pegmatite. H

13. FINLAND

Pitkaranta
7284 Twinned crystal. H
7285 Crystal Group. H
7286 Crystal Group. H
7288 Crystal Group. H

Ristans, Pitkaranta
7287 Crystal Group. With melanite. H

14. INDIA

Bihar
Gaya District
7471 H
7472 Pebble with wolfram. H
Nurunga, Harizibagh
7470 In granulite. H

15. BURMA

Mergui
7475 var. Stream Tin. H
Tavoy
7474 Crystal Group. In quartz. H
Sweltie
7473 Pebble. H

16. MALAYSIA

Karapi
4063 Crystal Group. H
Ulu Binan
Selu
7509 In granite. H
Topeng
4064 Crystal Group. H
(a) Negri-Sembilan
Titi mine, Jelebu
7494 In quartz lode. H
7495 H
7496 H
(b) Pahang
Bentong
Sungei Gan mine
7518 H
Sungei Lembing
Murai mine
7516 (No. 1 audit) H
7517 H
Pahang Consolidated mine
7510 H
7511 H
7512 H
7513 H
7514 H
7515 Crystal Group. H
7518 Willink's lode. H
(c) Perak

Kinta District
7493 Crystal Group. H

Chenderiang
7504 H

Sri muka
7503 H

Gunong Llano
7490 In conglomeratic placer. H

Jalapang
7489 H

Kacha
7487 H
7488 Crystal Group. H

Kampar
7497 In conglomeratic placer. H
7498 H

Lahat
7484 H
7485 With calcite. H

Mendrus
7492 H

Menglembu

Menglembu mine
7479 Stockwork in granite. H
7480 With pyrite. H
7481 H
7482 H
7483 Rich stockwork. H

Key Yevis
7502 H

Peli Bharu
7491 In quartz. H

Pusing
2980. var. Stream Tin

Red Hills
7501 In placer. H

Saiak Valley
4070 Zoned crystal. H

Saiak mine
4067 Crystal Group. H

(d) Malacca

Pulau Besar
7521 Pebble. H

Selibin

Beatrice Pipe
7476 With arsenopyrite
7477 With stannite. H
7478 H

Siputeh
7499 1884. H
7508 From pipe in limestone

Sri mutua
7507 H

Sringi
7506 H

Sungai Siput
7505 3 pebbles. H

Tronoh
7500 In placer. H

Ulu Gopeng
7486 H

17. INDONESIA

(a) Bangka

Blinjoe Province

Goen Bajes
7832 H
7833 In aplite. H

(b) Belitung

Antoe
7522 H

Manggar

Garoe Medong Mine
7820 H
7822 Crystal Group. H
7823 H

Tandjong

Tikoes Mine
7825 In greisen. H
7826 In quartz. H
18. CHINA

Yunnan
Mengte
7523 In amblygonite. H

19. KOREA

Chuseido
Chushu-gun
Ryogan-ri
7526 Single crystal. H
7527 Single crystal. H
7528 Single crystal. H
7529 Single crystal. H
7530 Single crystal. H
7531 Complex twin. H
7532 Geniculate twin. H

20. JAPAN

(a) Honshu
Chugoku
Jajima
Akinobe mine
7525 with wolframite. H

(b) Kyushu
Hyuga
Mitata mine
7524 H
Kagoshima
Suzuyama mine
7831 H
Oita
Ono-gun
Hasegowa-mura
Odaira mine
7824 H
Satsuma
Taniyama mine
7834 H

21. AFRICA

i. GOLD COAST
Mankwasi Winneba
7342 In pegmatite. H
7343 var. Stream Tin. H

ii. MOROCCO
Oulmes
7282 H

iii. NIGERIA

(a) Bauchı
2747 Geniculate Twin.
7292 Twinned crystal. H
7293 Twinned crystal. H
7294 Twinned crystal. H
Jos
7295 Waterworn crystal. H
7296 Waterworn crystal. H
7297 Waterworn crystal. H
7298 Waterworn crystal. H
7299 H
Dan Kankan, Jos
7310 var. Wood Tin. H
Guoshe, Jos
7309 H
Tud-un-Wadi, Jos
7300 In cemented conglomeratic placer. H
7301 Cemented conglomeratic placer. H
Jos — Bukuru
Sabon Gida
7307 Pebble. H
7308 Cemented conglomeratic placer. H

(b) Benue
Odegi
4066 In kaolinite. H

(c) Jarawa Hills
Shona Hill
7317 Colln. of euhedral and anhedral masses. H

(d) Kano
Lirue n’Kano
7314 Complex twin. H
7315 In quartz. H
7316 In greisen. H

(e) Kuskie
2981 var. Stream Tin.
7302 Cemented conglomeratic placer. H
Nasarawa

Jemaa
4091  In pegmatite. H

Barkin Yelwa, Jemaa
7313  In pegmatite. H

Keffi
7311  (mine) Pebble. H

Kakona, Keffi
7290  In pegmatite. H
7291  In pegmatite. H

Odurre
7312  In pegmatite. H

Ropp
Ropp mine, Ropp
7306  H

Dorowa
7303  Crystal Group. H
7304  Crystal Group. H

Yelwa Hill
7305  Crystal Group. H

iv. NAMIBIA

(a) Arandis
Annaberg mine
7321  Crystal Group. H
7322  Crystal Group. H

(b) Doukerhock
7323  In pegmatite. H

(c) Karibib
Otjimbingwa, Karibib
7331  H
7332  In pegmatite. H
7333  Vein in quartz. H
7334  H

(d) Kohero
7324  In greisen. H

(e) Okahandja
Thelma mine
7328  In aplite. H
7329  In aplite. H
7330  In pegmatite. H

(f) Omaruru
7320  In pegmatite. H

Uis, Omaruru
7327  H

(g) Usakos
Jakalswater
7325  In pegmatite. H
7326  With actinolite. H

Sandanab
4061  Single crystal. H
4062  Single crystal. H
7318  Crystal Group. H
7319  Crystal Group. H

v. REPUBLIC OF SOUTH AFRICA

1. CAPE PROVINCE

(a) Devil’s Peak
Vredehoek
7399  H

(b) Gordonia
Van Rooyen’s Vlei
7401  Crystal Group. H

(c) Kuil’s River
Stellenbosch, Kuil’s River
7400  In quartz. H

2. TRANSVAAL

(a) Olifants
Mutue Fides
7384  With pyrite. H

(b) Potgietersrus
Groenfontein mine
7391  Complex crystal. H
7392  H

Solomon’s Temple
7388  H

Zaaiplats
7376  In granite. H
7377  Centre of pipe. H
7378  “Pipe ore”. H
7379  H
7380  H
7381  H

(c) Pretoria
Vlaklaagte mine
7382  H
(d) Rooiberg
Leewpoort
7383 With pyrite. H

(e) Warmbaths
Newbury
7386 H

(f) Waterberg
Doornken
7390 H
Groenkloof
7393 H
Rooiberg mine
7386 Crystal Group. H
7387 With siderite. H
7389 With tourmaline. H
Vitkyk
7394 With galena. H
7395 H

(g) Vellefontein
7396 Crystal Group. H
7397 H
7398 H

vi. SWAZILAND

M'babane
7389 Crystal Group. H
7403 Pebble. H
7404 Pebble. H
7405 Pebble. H
7406 Pebble. H
Concession No. 28
7372 In pegmatite. H
Concession No. 45
7374 var. Stream Tin. H
7375 var. Stream Tin. H
Crown mineral Area No. 14
7373 In pegmatite. H
Kelly's mine
7370 In pegmatite. H
7371 Complex crystal. H

vii. UGANDA

(a) Ankole
Burama
7348 Crystal Group. H
7349 Crystal Group. H

Mwirasandu mine
7357 With muscovite. H
7358 Augen in muscovite schist. H
7359 In quartz. H
7360 H
7361 H

(b) Kigezi
7350 Crystal Group. H
7351 Crystal Group. H
7352 Crystal Group. H
7353 Crystal Group. H
7354 Crystal Group. H
7355 Crystal Group. H
7356 Crystal Group. H
Nyamawanga
7345 Crystal Group. H
7346 Single Crystal. H
7347 Twinned Crystal. H

(c) Kikagati
7344 Crystal Group. H

viii. ZAIRE

(a) Busanga
7335 H
7336 Crystal Group. H
7337 Crystal Group. H

(b) Kayumbo
7339 H
7340 Crystal Group. H

(c) Kikole
7338 In quartz. H

(d) Kivu
Bengebiri, Kalima
7341 In greisen. H

ix. ZIMBABWE

(a) Bikita
7365 In cleavelandite. H

(b) Maranga
7362 Complex crystals in pegmatite. H

(c) N'danga District
7364 Complex crystals in pegmatite. H

(d) Sagennola
7363 Complex crystals in pegmatite. H
II. NORTHERN TERRITORY
(a) Northern Territory, Non. Loc.
7752 Crystallized group. H

(b) Aningie Station
7745 Twinned Crystal. H
7746 Twinned Crystal. H
7747 Twinned Crystal. H

(c) Katherine
Maranboy
7748 H
7749 H
7750 With Jasper. H

(d) Mount Shoobridge
7756 In pegmatite. H

(e) Mountwells
Burrundie
7758 H
7759 Lode at outcrop. H
7760 Crystal Group. With quartz. H
7761 With quartz. H

(f) Muldiva
7754 In quartz vein. H
7755 In pegmatite. H

(g) Snadden's Creek
7762 var. Stream Tin. H
7763 var. Stream Tin. H

(h) Umbrawarra
7751 Pebbles. H

(i) West Arm
7757 In pegmatite. H

(j) Wolfram Creek
Crest o'the Wave mine
7753 H

III. SOUTH AUSTRALIA
Tarcoola
Ecarea Dam
7764 In quartz. H

IV. QUEENSLAND
Herberton
Coolgarra
Lottie mine
7722 H

Irvinbank
Consolidated mine
7715 H

Sailor Boy mine
7714 H

Vulcan mine
7713 “Chlorite ore”. H

Rainbow mine
7716 In chlorite schist. H

Reid's Creek
7717 In greisen. H
7718 In greisen. H
Stannary Hills
Extended mine
7719 In chlorite schist. H

Stanthorpe
Balandeen
Sundown mine
7723 Crystal Group. H
7724 H

Red Rock
7725 H

Watsonville
King of the Ranges mine
7721 In chlorite-schist. H

West Tinaroo
Endeavour mine
7720 In greisen. H

V. NEW SOUTH WALES

Battery Mountain
7712 In greisen. H

Lankey’s Creek
7543 In quartz. H

Snannum
7704 In granite. H

(a) County Arrawatta
Ashford
Mandoe
7692 In cemented placer. H

(b) County Ashburnham
Gunble
7542 In greisen. H

(c) County Bland
Ardlethan
Carpathia mine
7710 H
White Crystals
7711 H

(d) County Bourke
Wyalong
Buddigower
7697 In quartz. H

(e) County Buller
Wylie Creek
7706 var. Stream Tin. H

(f) Co. Clarke
Mount Mitchell
7690 var. Stream Tin with sphalerite, sapphire, etc. H

(g) County Clive
Mole Tableland
7539 In granite. H

Flaggy Creek
7546 var. Stream Tin. H

Nine mile Creek
7541 In greisen. H

Pheasant Creek
7540 H

Torrington
7564 H
7565 H

Biatherarm
7567 Pebble. H

Butler’s mine
7569 H
7570 H
7571 H
7572 Wolframite, in quartz. H

Cow Flat
Elliott mine
7566 H

Hart’s mine
7573 In quartz. H
7574 H
7575 Vein section. H

Tungsten
7568 H

(h) County Farnell
Barrier Range
7703 In pegmatite. H

Eurowie
7696 Pebble. H

(i) County Gough
7604 With fluorite and beryl. H
Elsmore
2003 Crystal Group
2003A Twin crystal
7598 Crystal Group. In greisen. H
7606 In greisen. H
7607 Crystal Group. H
7608 Complex Crystals
7687 H.
7688 16 waterworn crystals. From surface lode. H

Elsmore Valley Deep Lead
7689 In placer. H

Sheep Station Hill
7597 In greisen. H

Emmaville
7576 In greisen. H
7577 Crystal Group on quartz. H
7578 Pebble. H
7580 var. Stream Tin. H

Albion mine
7581 var. Stream Tin. H

Great Britain Tin Co. mine
7579 In cemented placer. H
7580 var. Stream Tin. H

Little Plant Creek
7582 var. Stream Tin. H

Rose Valley
Griffith's mine
7583 var. Stream Tin. H

Y Waterholes
Davidson's mine
7584 var. Stream Tin. H

Gilghai
Last Chance mine
7709 var. Stream Tin. H

Glen Innes
7533 Single Crystal. H
7534 Crystal Group. H
7535 Crystal Group. H
7536 Crystal Group. H
7537 Crystal Group. H
7538 Crystal Group. H

Reedy Swamp
Gunn's mine
7691 H

Glen Creek
7547 var. Stream Tin. H

Gulf, The
7585 Complex crystal group. H
7586 "
7587 "
7588 "
7589 "
7590 "
7591 "
7592 In granite. H
7593 14 crystal sections. H
7594 Vein section. H

Flynn's mine
7595 Complex crystal. H

Clifford's mine
7596 (Yankee Lode). H

Inverell

Pine Ridge
7705 Pebble. H

Leviathan mine
7707 In pegmatite. H

Newstead
7693 Crystal Group. H

Stannifer
7698 Complex Crystal. H
7699 Complex Crystal. H
7700 Complex Crystal. H
7701 Twinned crystal. H
7702 Crystal Group. H

Tent Hill

Ottery mine
7600 Crystal Group. H
7601 H
7602 H

Vegetable Creek
4059 Crystal Group. On quartz. H
7544 Complex twin with topaz. H

County Harden

Bolithio mine
4058 Crystal Group. H

County Hardenhe

Tingha
7548 Crystal Group. H
7549 Crystal Group. H
7550 Crystal Group. Veining greisen. H
7551 Veining greisen. H
Tingha continued

Veining kaolinized greisen.
("Lotie Tin ? – Bria Rosa").

var. Stream Tin. H

Battersby’s mine
7557 Crystal Group. H

Bickwood
7554 H

Cope’s Creek
7562 var. Stream Tin. H

Melvaine’s mine
7558 H

Oaks, The
4080 Crystal Group. On quartz. H
7553 Crystal Group. On quartz. H

Campbell’s mine
7555 Veining granite. H

Red Hill
7563 Vein section. H

Sam Pat’s mine
7556 Crystal Group. In kaolinized greisen. H

Sam Smith’s mine
7558 Crystal Group. H
7560 Veining greisen. H

County Inglis

Bendemeer
7694 var. Stream Tin. H
7695 Crystal Group. H

County Wynyard

Tumberumba
7708 var. Stream Tin. H

VICTORIA

Beekworth
7733 var. Stream Tin. H

Gippsland

Mount Wills
7730 In greisen. H
7731 In greisen. H

Little Grown Creek
7732 In greisen. H

Mitta Mitta Valley
7728 In greisen. H

Eskdale
7727 In greisen. H

Diggar’s Creek

Dickenson and Lewis’s mine
7726 No. 3 Cut. In greisen. H

Tallandoon
7729 In greisen. H

23. TASMANIA

Abe:foyle mine
7774 Crystal Group. H

Mount Pelion
7776 Crystal Group. On quartz. H
7777 On quartz. H

Ruby Flats
7810 In quartz, veining greisen. H

Tin Spur
7793 Crystal Group. H

(a) Western Division

Dundas
7765 H

Dundas North

Central
7767 1917. In gossan. H

Dunscombe and Maddox’s mine
7766 H

Renison Bell mine
7778 In gossan. H
7779 1917. Crystal Group. H

Mount Heemskirk
7815 var. Stream Tin. H

South Heemskirk

Cliff mine
7783 Crystal Group. In quartz. H

Federation mine
7782 H
7784 “Pipe ore”. H
7786 “Black Face”. With tourmaline. H
7787 Gray’s Lode. H
7788 Crystal Group. Tributer’s workings. H
Mount Agnew mine
7785 With tourmaline. H

X River District
7795 H

Zeehan
Queen Hill
7801 H

(b) Northwestern Division
Mount Bischoff mine
349 Twinned crystal
7768 Outcrop of Lode. H
7769 White Face. Crystal Group. H
7770 H
7771 Crystal Group. H
7772 H
7773 In quartz-porphyry. H
Stanley River
7809 Pebble. H
New’s Creek
7807 In quartz veining at contact between granite and slate. H
Section 133 m
7808 Stanley Reward lode. In kaolinite. H

Wombat
7792 H

(c) North and South Division
Middlesex
7799 With wolframite. (Crystal fragments). H
Moina
Shepherd and Murphy’s mine
7796 H
7797 In quartz. H
7798 In aplite. H

(d) Eastern Division
Ben Lomond District
7780 H
Gipp’s Lake
7781 With tourmaline. H
Storey’s Creek
7791 Crystal Group. H
7829 H
Blue Tier District
7789 Pebbles. H
7790 1893. H

Anchor mine
7775 In granite. H

Scamander
7803 H

Great Pyramid mine
7802 H

(e) Northeastern Division
Derby
Brothers None
7804 var. Stream Tin. H

Cascade River
7805 Waterworn twinned crystal. H. (“Donor: T. Harold Clouston”)
7806 ditto
Lottah
7811 Single crystal. H
7812 Geniculate twin. H
7813 Crystal fragments. H
7814 var. Stream Tin. H

St. Helens
Argonaut mine
7794 var. Stream Tin. H

24. NEW ZEALAND

South Island
Steward Island
7817 In pegmatite. H
7818 In pegmatite. H
Port Pegasus
7816 var. Stream Tin. H

25. CANADA

(a) Nova Scotia
Lunenberg County
New Ross
7407 In greisen. H
Wallaback Lake
7821 In greisen. H

(b) Yukon
7408 2 small pebbles. H
26. UNITED STATES OF AMERICA

(a) Alaska
Seward Peninsular
7410   In granite. H
cape mountain
7409   In quartz. H
Circle
Hot Springs District
7411   Pebble. H
7412   Pebble. H

(b) California
Kern County
Gorman District
7430   H
Riverside County
Temescal
7433   H
San Bernadino
7431   H
San Diego
Mesa Grande
Himalaya mine
7432   In pegmatite. H

(c) Maine
Auburn
7419   With cleavelandite in quartz. H
Black Mountains
7421   In cleavelandite. H
Greenwood
Noyes mine
7420   In cleavelandite. H
Newry
Newry mine
7418   With cleavelandite and pollucite. H

(d) Nevada
Pershing
Majuba Hill
7436   H
Lander County
Russell Ranch
7435   var. Wood Tin. H

(e) New Hampshire
Marlow
Turner Quarry
7438   In albite. H

(f) New Mexico
Beaverhead
Taylor mountain
7428   H
Capitan
7426   var. Wood Tin. H
7427   var. Wood Tin. H
Sierra County
Adams Canyon
7425   var. Wood Tin. H
Black Range District
4065   var. Wood Tin. H
4078   var. Wood Tin. H
7422   var. Wood Tin. H
7424   Crystal Group. H
Seales Creek
7423   var. Wood Tin. H

(g) North Carolina
Kings mountain
7437   In pegmatite. H

(h) South Dakota
Black Hills
7415   H
7416   In pegmatite. H
Etta mine
7414   In pegmatite. H
Hill City
7417   In pegmatite. H

(i) Texas
Franklin mountains
El Paso
7434   In granite. H

(j) Virginia
Rockbridge County
Irish Creek
7413   H
27. MEXICO

Mexico
7447 Stream Wood Tin. H

Durango
7440 H
7441 H
7442 Pebble. H
7443 var. Stream Tin. H

Mina del diablo
7439 (Cited and fig'd.; Collins, 1911, Miner. Mag., 16, 32). H

Guanajuato
San Felipe
7444 H

San Luis Potosi
7445 H

Zacatecas
7446 H

28. BOLIVIA

Araca
4060 Crystal Group. H
4068 Crystal Group. H
4075 Stockwork. H
4089 Single crystal. H
4090 Single crystal. H
7448 Single crystal. H
7449 Twinned crystal. H
7450 Single crystal. H

Veta la Ventura
7451 Crystal Group. H

Caracoles
7467 H

Huanuni
7466 With pyrite. H

Morococola
7454 H
7455 H
7456 Gossan Ore. H

La Paz
Santa Vela Cruz
Concordia mine
7464 Crystal Group. H

Monte Blanca
7468 Stockwork. H

Pooopo
Monserrat mine
7465 H

Tasna
7462 Pebble. H
7463 Vein section. H

Uncia
4079 var. Wood Tin. H
7452 Crystal Group. H
7453 var. Wood Tin. H

Llallagna mine
3070 Crystal Group
7457 Crystal Group. H
7458 
7459 
7460 H
7461 Crystal Group. H
7469 Crystal Group. With bismuthinite. H

Reference:


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