

TOPOGRAPHICAL INDEX

EUROPE

Norway (Norge)

Barkevik, Langesundsfjord, astrophyllite, 97
Brattegdalen, Vestspitsbergen, granogabbro, augite, biotite, epidote, hornblende, ilmenite, sphene, 857
Bygland, Setesdal, branite, biotite, garnet, K-feldspar, 216
Sunnadal Vatn, Almklovdalen, Nordfjord, ortho- and clino-pyroxenes, 313

Sweden (Sverige)

Långban, ilvaite, julgoldite, 271

Finland (Suomi)

Nuolainniemi, Impilahti, sphene, strüverite, 605

British Isles

ENGLAND

Bosahan quarry, Carnmenellis, Cornwall, granite (weathered), kaolinite, gibbsite, biotite, chlorite, muscovite, 429
Groverake mine, Rookhope, Weardale, Durham, copper, copiapite, 244
Meldon, Devon, lepidolite, 289

Derbyshire

Cobbler mine, Bonsall, fluorite, 401
Jughole mine, Masson Hill, Matlock, fluorite, baryte, 811
Ladywash mine, Eyam, fluorite, 401
Mam Tor mine, Castleton, fluorite (Blue John), 363
Masson opencast, Masson Hill, Matlock, fluorite, baryte, 811
Oxclose mine, Masson Hill, Matlock, fluorite, baryte, bravoite, blonde, smithsonite, 811
Treak Cliff, Castleton, fluorite (Blue John), 363, 401
Treak Cliff Cavern, Castleton, fluorite (Blue John), 401

Yorkshire

Elbolton Hill, fluorite, 401
Hazlehead quarry, Penistone, muscovite, 176
Hepworth Iron Co. quarry, Hazlehead, Penistone, magnesian chalybite, 696, 700
Raygill Delph, Lothersdale, fluorite, 401
Swinden Limeworks quarry, Linton, fluorite, 401

WALES (Cymru)

Dorothea slate quarry, Nantlle, Caernarvon, muscovite, chlorite, 158

SCOTLAND

Zircon (in Lewisian granites and gneisses), 587
Bin Burn, Meikle Bin, Campsie Fells, CO₂-metamorphosed lavas, ankerite, chalybite, 119
Binhill quarry, Cairnie, Huntly, Aberdeenshire, tacharanite, scawtite, xonotlite, prehnite, 820
Bowman Hillock, Huntly, Aberdeenshire, hornblende-schist, laumontite, prehnite, kaolinite, 608
Hagdale quarry, Unst, Shetland, nickel hydroxide and (?) oxyhydroxide, 719
Lorne Plateau, Oban, andesites, basalts, ignimbrites, rhyolites, 621
Rehiran, Inverness-shire, biotite (weathered), 448
Seigir nan Sgarbh, South Harris, cummingtonite, hornblende, 464
Sròn Bheag, Ardnamurchan, carbonated basalt dyke, titanian magnetite, rutile, titanaugite, 514

IRELAND

Ulster

Tieveragh, Antrim, osumilite-(K,Mg), 189

Eire

Ardara, Donegal, staurolite, 672
Bray Head, Wicklow, gypsum (in railway tunnel), 818
Bunnahowna, Renoyle Point, Connemara, quartz-muscovite-chlorite-chloritoid-garnet schist, 85
Galway, Connemara, granite, biotite, 498
Inishcrone, Killala Bay, Sligo, killalaite, awillite, scawtite, cuspidine, 544
Leinster, granite, zircon, 253
Rathdrum, Wicklow, gypsum (in railway tunnel), 818

France

Bauzot uranium mine, Issy l'Évêque, Saône-et-Loire, fluorite, 401
Mont Dore, Massif Central, sanidine (Nevada twin), 54, 899
St.-Clement, Velay, Massif Central, titanomagnetite, 474

Czechoslovakia (Československo)

Křišťanov massif, Bohemia, granulite and orthogneiss re-metamorphosed, 612
Prachatice massif, Bohemia, granulite and orthogneiss re-metamorphosed, 612
Železník (= Vashegy), vashegyite, 802

Austria (Österreich)

Tyrol, melilite, 412
Virgental, Tyrol, pseudomorphs after lawsonite, 121

TOPOGRAPHICAL INDEX

Switzerland (Helvetia)

- Cherbadung, Binnatal*, chernovite, xenotime, 145
Gibelalpe, Binnatal, xenotime, 145
Gischlihorn, Binnatal, xenotime, 145
Wannigletscher, Binnatal, chernovite, 145

Italy (Italia)

- Calabona, Sardinia*, djurleite, 5
Sabatinian volcanoes, augite, 321
Vulsinian volcanoes, augite, 321

Spain (España)

- La Gallega, Ojén, Málaga*, chromite (picotite), cordierite, nickeline, 193
La Guia, Vigo, astrophyllite, nigerite, 97
Los Jarales, Carratraca, Málaga, chromite (picotite), cordierite, nickeline, 193
Monte Galineiro, Vigo, astrophyllite, 97

ASIA**India**

- Akly deposit, Rajasthan*, bentonite containing mica, 788
Amaravathi, Andhra Pradesh, hypersthene, sahlite, 74; charnockite with hornblende, orthoclase perthite, plagioclase, biotite, pyroxene, almandine, 807
Katpal, Dhenkanal District, Orissa, chromite, chromian amphibole, kämmererite, 725
Sitampundi, Salem District, Tamil Nadu (Madras), sapphirine, anorthosite, 901
Vemali, Srikakulam District, Andhra Pradesh, clinohumite, 727

Western Deccan

- Bhor Ghat, Syhadree Mts. = Khandala Ghat, Poona*, 658
Bombay Island, gyrolite, okenite, laumontite, prehnite, 658
Chinchwad, Poona, amethyst, chlorophaeite, mordenite, 658
Kotrud, Poona, mesolite, tridymite, 658
Lena, Nasik, amethyst, 658
Nasik, scolecite, stilbite, laumontite, 658
Panvel, laumontite, 658
Sewree, Poona, chabazite, prehnite, okenite, gyrolite, 658
Thul Ghat, Syhadree Mts. = Kasara Ghat, Nasik, 658
Yerandowana, Poona, heulandite, stilbite, chabazite, apophyllite, okenite, 658

Ceylon (Sri Lanka)

- Zircon, 709

Borneo

- Riam Kanan river*, platinum, vincentite, 525

AFRICA**Nigeria**

- Kabo*, meteorite, 340

Ghana

- Accra plains*, gneiss, clinopyroxene, garnet, pargasite, 224

Uganda

- Bufumbira*, titanaugite, 221

- Labwor*, sapphirine granulite, ilmenite, titanian hematite, magnetite, rutile, sapphirine, hyperssthene, biotite, garnet, cordierite, hercynite, plagioclase, sillimanite, kornerupine, sanidine, olivine, 420

- Tororo*, apatite with inclusions containing nahcolite and kalicine, 564

Kenya

- Homa*, apatite with inclusions containing nahcolite and kalicine, 564

- Ruri*, apatite with inclusions containing nahcolite and kalicine, 564

- South Turkana*, primary analcime and calcite in phonolite, 116

- Tiati massif*, phonolitic ash-flow tuff, 893

- Wasaki*, apatite with inclusions containing nahcolite and kalicine, 564

Zaire (Congo)

- Likasi*, buttgenbachite, 264

- Mindigi, Shaba (Katanga)*, heterogenite-2H and -3R, cuprian heterogenite, 152

Malawi (Nyasaland)

- Mirala Estate, Zomba*, astrophyllite, 97

South-West Africa

- Tsumeb*, bayldonite, 716

South Africa

- Potgietersrust*, stibiopalladinite, 528

AMERICA**Greenland**

- Frederikshåbs Isblink*, zircon, 587

- Küngnát*, astrophyllite, 97

- Narssarssuk*, astrophyllite, 97

- Tugtutoq*, astrophyllite, 97

Canada

- Churchill Falls, Churchill river (= Grand Falls, Hamilton river), Labrador*, anhydrite, 488

- Eganville, Renfrew County, Ontario*, zircon, 587

- François Lake, British Columbia*, ferroan collinsite, 684

Frood mine, Sudbury, Ontario, ferrotschermakite, 36

Grand Manan Island, Bay of Fundy, New Brunswick, basalt, plagioclase, 867

Wilberforce, Ontario, fluorite, 401

U.S.A.

Cave-in-Rock, Illinois, fluorite, 401

Chesterton, New York, muscovite, 176

Ely, Nevada, heytie, 65, 69

Georgia, fuller's earth containing $2M_1$ mica, 788

Marblehead, Wisconsin, illite containing a $3T$ mica, 788

St. Peter's Dome, El Paso Co., Colorado, astrophyllite, 97

Sierra Nevada, chlorite, 58

Mexico

Bambollita mine, Moctezuma, Sonora, cesbronite, 744; quetzalcoatlite, 261

Brazil

Igarapé Jornal, Serra do Navio, Amapá, nigerite, zircon, staurolite, andalusite, chrysoberyl, cassiterite, tourmaline, gahnite, 837

Itabira, Minas Gerais, arsenopalladinite, atheneite, isomertite, (?) palladinite (mercurian), Pd selenide, 528

Itinga, Minas Gerais, eosporite, 895

Raposa pegmatite, São José do Sabugi, Paraíba State, tantal-aeschynite, beryl, columbite, 571

Peru

Cerro de Pasco, rhomboclase, 610

Argentina

Cordoba, brackebuschite, 69

AUSTRALASIA

Australia

WESTERN AUSTRALIA

Big Bell gold mine, Cooldardy, Murchison gold-fields, W- and Sb-substituted rutile, 470

Carr Boyd Rock, glaukospaerite, 737

Champion Gold Mining Lease, Westoria, clinobisvanite, 847

Dingo Donga Cave, biphosphammite, brushite, syngenite, urcite, 889

Kambalda, glaukospaerite, 737

Londonderry quarry, Coolgardie, clinobisvanite, 847

Menzies, clinobisvanite, pucherite, 847

Milgum Station, magnesian collinsite, 577

Murra-el-elevyn Cave, biphophammite, ammonian KH_2PO_4 , taylorite, syngenite, aphthalite, monetite, hannayite, whitlockite, apatite, gypsum, brushite, mirabilite, guanine, 467

Redfields, meteorite, 30

St. Ives, glaukospaerite, 737

Scotia, glaukospaerite, 737

Spinnaway, gaspéite, pecoraite, 113

Toppin Hill, phosphammite, urea, 346

Try Again Bore, Yandil Station, clinobisvanite, 847

White Well, Yinnietharra, cordierite, phlogopite, 241

Widgiemooltha, glaukospaerite, 737

Windarra, glaukospaerite, 737

Wodgina, clinobisvanite, pucherite, 847

Yinnietharra, clinobisvanite, 847

NORTHERN TERRITORY

Pottoyu Hill, Petermann Ranges, olivine, hornblende, plagioclase, hypersthene, cummingtonite, garnet, 816

SOUTH AUSTRALIA

Reaphook Hill, Flinders Ranges, zincian collinite, scholzite, parahopeite, tarbutite, 684

NEW SOUTH WALES

Broken Hill, gneiss, mrymekite, 654; fluorite, 705

New Broken Hill Consolidated mine, apatite, ferroan bustamite, 601

Southern Highlands, titanaugite, 133

Undercliffe Falls, New England, adamellite, zircon, 715

TASMANIA

Noddy's Creek, nickel-hexahydrite, 246

New Zealand

Kakanui, ilmenite, 721

Wairere, rodingite, garnet, hydrogarnet, xonotlite, endiopside, pennine, chromian chlorite, 233

Whangatupere Bay, Karikari Peninsula, Northland, dumortierite, 245

New Caledonia

Alice Louise mine, Plaine des Pirogues, chrome-picottite, 326

Anna Madeleine mine, Plaine des Lacs, olivine, chrome-picottite, 326

Bien Sir mine, Pirogues Valley, chrome-picottite, 326

Canon mine, Tontouta, chrome-picottite, 326

Col de Dzumac, chrome-picottite, 326

Fausse Yaté, olivine, chromian ceylonite, 326

Henriette mine, Lucky Hitt mine, and La Constellation mine, Pirogues Valley, chrome-picottite, 326

TOPOGRAPHICAL INDEX

- Mine du Marais Kiki, Lac de Yaté*, chrysotile, 798; chrome-picotite, 326
Montagne des Sources, chrome-picotite, 326
Mt. Koure, Baie Ngo, hornblendite, bronzite, 890
Odijoni river, chrome-picotite, 326
Pirogues headwaters, serpentinized dunite (chrysotile and lizardite), 798
Pirogues Valley, olivine, chrome-picotite, 326
Plaine des Pirogues, chrome-picotite, 326
Rau Pernod, Route du Carenage, hornblendite, 890
Tiebaghi massif, chrome-picotite, 326
Yaté-Nouema road, chrome-picotite, 326