

M I N E R A L S M I N I N G A N D G E O L O G Y

**SPECIAL OFFERS EDITION**

**PHILATELIC SUPPLIES (M.B.O'Neill)**

359 Norton Way South  
Letchworth Garden City  
HERTS

ENGLAND SG6 1SZ  
Telephone 01462-684191

during office hours 9.15-3.15pm Mon.-Fri.)

**Web-site: [www.philatelicsupplies.co.uk](http://www.philatelicsupplies.co.uk) email: [mark@philatelicsupplies.co.uk](mailto:mark@philatelicsupplies.co.uk)**

**TERMS OF BUSINESS:** & Notes on these lists: (Please read before ordering).

1). All stamps are unmounted mint unless specified otherwise. An asterisk \* next to the country name means that corner blocks of 4 are available at 4 X price.

2). Lists are updated about every 16-20 weeks to include most recent stock movements and New Issues; they are therefore reasonably accurate stockwise 100% pricewise. This reduces the need for "credit notes" and refunds. Alternatives may be listed in case some items are out of stock. However, these popular lists are still best used as soon as possible. Next listings will be printed in 4, 8 & 12 months time so please indicate when next we should send a list on your order form.

All prices given are in £ (Sterling Pounds). **Please ask for a Scott # version.**

3). New Issues Services can be provided if you wish to keep your collection up to date on a Standing Order basis. Details & forms on request. Regret we do not run an on approval service.

4). All orders on our order forms are attended to **by return of post.** We will keep a photocopy it and return your annotated original.

5). Other Thematic Lists are available on request; **Prehistory**, Fauna, Flora.

6). Postage is extra but we always use current G.B.commemoratives in complete sets where possible for postage.

**INLAND RATES:** 1st Class £1.00;

"Insurance + Rec.Delivery" £2.50 (for orders up to £75).

Special Delivery Post £6.50 (recommended on orders over £75)

**OVERSEAS RATES:** these START at .....

**EUROPE** ....Airmail £3.70; Insured £8.70 (depends on weight & value)

**REST OF THE WORLD (Including U.S.A.)** Airmail £4.70 or Insured £9.70+(depends on weight/value)

7). **INSURANCES:** using Special Delivery Post (£6.50) full compensation for loss or damage in transit (recommended on orders of over £75): "Insurance + Recorded Delivery Post" (£2.50) our insurance covers up to £75.00 worth of goods. 1st Class Post is recommended on orders under £70.00. Overseas Insured covers up to £500.00 of goods.

8). **PAYMENT:** can be made by Sterling cheque or postal order payable to M.B.O'Neill Check in \$US. Cash in Pounds Sterling, Euro (€) or US Dollars U.S.\$.  
We also **now accept debit cards: Delta, Connect, Switch, etc.**

or the following credit cards: (please add card **EXPIRY DATE & 3 digit security code**), VISA Barclaycard, ACCESS, Mastercard, EUROCARD, or Diners Club.

**PAYPAL PAYMENT:** simply send them your details using our email address above.

Minimum orders £15.00 please. Thank you. Orders under this amount should be accompanied by the £2.00 subscription & handling charge.

**EXCHANGE RATES:** £1.00 Sterling = US\$1.30 = €1.20 (Euros)

9). **OVERSEAS CUSTOMERS** (OUTSIDE THE E.C.) MAY DEDUCT 17% for U.K. V.A.T.

10). Stanley Gibbons Catalogue Reference numbers are used to aid identification, (S.G.No's.). We have **added new Stanley Gibbons Catalogue numbers from Dec. 2017 GSM. Scott & Michel catalogue** numbers are used where Stanley Gibbons numbers are not available.

**Recent arrivals** include: **Brasil (2001), Armenia, Australia, Austria, Brasil, Bulgaria, C.ARep., Djibouti, Estonia, Guinea-Bissau, Mongolia, Namibia, Niger, Sri L.,** Botswana, Croatia, Ecuador, France, Fr.Ant., Germany, Greenland, Guinea, Guyana, Honduras, Iran, Malaysia, Maldives, Mexico

Afghanistan	1988	<b>MINERALS/GEMSTONES (3v)</b> Lapis lazuli, Emerald, Rubies, SG1227-9,	3.75
Afghanistan*	1999	<b>MINERALS (6v):</b> Hematite, Malachite, Calcite, Hemimorphite, Blende, only available now <b>on illustrated First Day Cover,</b>	5.60
Afghanistan	1999	<b>MINERALS SS:</b> Puddingstone souvenir sheet <b>was £3.60 On Special Offer</b>	<b>1.80</b>
Afghanistan	1999	<b>MINERALS SS:</b> Puddingstone <b>on illustrated First Day Cover,</b>	4.30
Algeria*	1983	<b>MINERALS (4v):</b> Sand Rose, Halite, Fluorite, Agate, SG838-41, <b>Cat. £5.50, on Special Offer</b>	<b>2.70</b>
Algeria	1999	<b>MINERALS (3v):</b> Gneiss, Garnite, Schiste sericite, <b>on illustrated First Day Cover,</b> SG1284-6,	3.95
Algeria*	2002	<b>MINERALS (4v):</b> Feldspar, Conglomerate, Galena, Calcite, SG1401-4	<b>2.25</b>
Algeria	2002	<b>MINERALS (4v):</b> SG1401-4 <b>on illustrated First Day Cover,</b>	3.75
Algeria	2010	O.P.E.C. 50 <sup>th</sup> Anniv. (2v): oil tanker, symbol, SG1656-7,	4.60
Angola	1996	SONANGOL (4v): State Oil Industry, platforms, plant, etc. SG1184-7, <b>Cat.£4</b>	1.90
Antigua	1991	Middleton Colliery Loco "Prince Regent" 1812 2-2-2 (1v): SG1485,	2.50
Antigua	2016	<b>MINERALS (6v shtlt):</b> Diamond, Turquoise, Sapphire, Topaz, Aquamarine, Emerald,	13.90
Antigua	2016	<b>MINERALS SS:</b> Opal souvenir sheet	6.90
Argentina	2007	Campo del Cielo Meteorite MS3254: massive iron/nickel meteorite!	4.95
Argentina	2007	Meteorite MS3254: souvenir sheet <b>on illustrated First Day Cover</b>	6.50
Argentina	2011	<b>MINERALS (4v):</b> Rhodochrosite, Quartz, Sulphur, Pyrite, SG3461-4,	6.95
Argentina	2014	Soberania energetica (Energy Sovereignty) souvenir sheet	6.90
Armenia*	1998	<b>MINERALS (2v):</b> Pyrites & Agate, SG403-4, these are now only available <b>on illustrated First Day Cover,</b> was £4.75, Special Offer	3.75
Armenia*	2000	<b>MINERALS (2v):</b> Molybdenite, Quartz, SG435-6 <b>only illustrated First D.Cover</b>	5.50
Armenia	2002	Copper Smelting (& beer making) (2v): SG510-11, <b>Cat. £8.00,</b>	2.90
Armenia	2017	Alexander Mantashian (1v): oil magnate	2.95
Australia	1973	<b>MINERALS (6v):</b> Chrysopase, Agate, Opal, Rhodonite, Star Sapphire, in presentation pack, SG549-52a + 579	2.25
Australia	1998	Natural Gas ( <b>Prestamped Envelope</b> ): oil platform & tanker,	0.95
Australia	2001	Gold Rush ( <b>Prestamped Envelope</b> ) panning scenes, tents, from 1831, "stamp" area is a portrait of Edward Hargreaves	0.75
Australia	2017	Rare Beauties (4v): Fluorite, Diamond, Golden Sapphire, Rhodonite, SG	8.40
Australia	2017	Rare Beauties (4v shtlt) MS: Fluorite, Rhodonite, Pink Diamond, etc	8.50
Australia	2017	Rare Beauties (2v PNS): self-adhesives, Sapphire, Rhodonite	2.80
Austria*	1999	150th Anniv. Geological Institute (1v): ammonites, SG2548	0.95
Austria	2006	Meteorite H-chondrite MS2806: souvenir sheet	5.90
Austria	2015	Joseph Helmuth & Ceramic Graphite Mine (1v): portrait, SG3335,	1.80
Austria	2015	Amethyst (1v)	4.50
Austria	2015	Red Agate (1v)	5.25
Azerbaijan	1994	<b>MINERALS (4v):</b> Amethyst, Laumontite, Andratite, Epidot calcite, SG152-5,	<b>5.50</b>
Azerbaijan	1997	125 Years of the Oil Industry (2v shtlt): Oil platform, MS409,	2.50
Azerbaijan	2006	30 <sup>th</sup> Anniv. OPEC (1v): oil drop, SG633,	0.90
Azerbaijan	2014	Oil Contract of the Century MS950: hands full of oil souvenir sheet,	5.30
Bangladesh	1983	Bangladesh Gas Complex (1v): definitive value SG128,	0.40
Bangladesh	1993	Natural Beauty (4v): Madhabkunda Waterfall Piyain River, SG475-8	2.75
Belarus	2005	G.Bogomolov (1v): Institute Director of Geology 1905-81, SG617,	0.60
Belgium	2003	<b>MINERALS (5v):</b> CaCO <sub>3</sub> , SiO <sub>2</sub> , BaSO <sub>4</sub> , PbS, CuAl <sub>6</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>8</sub> .4H <sub>2</sub> O, SG3764-8, SOLD OUT	
Belgium	2003	<b>MINERALS (5v):</b> SG3764-8 above <b>available on illustrated First Day Cover</b>	4.95
Belgium	2011	Mining Region (5v shtlt) MS4382: wagons, pit wheel, scenery, etc.	9.50
Belgium	2014	Mining in Wallony (5v shtlt) MS4582: wheel & wheel house,	12.90
Benin	1997	10th Anniv. of African Oil Producers (4v): SG1680-3	3.70

Benin	1998 <b>MINERALS MS1718</b> : marble souvenir sheet, was £2.90 on Special Offer 1.95	
Bolivia 2012	<b>MINERALS (4v)</b> : Cassiterite, Bismuthinite Bi <sub>2</sub> S <sub>3</sub> , Amethyst, Anderite, SG1954-7,	3.95
Bosnia-Herzegovina 1998	Sarajevo Tunnel Old Mine Entrance (1v): with tracks, SG589,	1.35
Bosnia-Herzegovina 1999	<b>MINERALS (4v)</b> : Siderite, Tuzlait, Hijelofan, Quartz, SG624-7, on illustrated First Day Cover,	5.25
Botswana*	2001 Diamonds (4v): mining + various diamonds <b>SG940-3</b>	<b>4.75</b>
Botswana	2008 Events (3v): Diamond Trading, one is Diamond Company HQ, SG1014-6	3.25
Botswana	2016 50 Years of Postage Stamps SS: Diamonds souvenir sheet	2.75
Brasil	1999 Valley of the Dinosaurs (1v): fossil - footprint in rock, SG3013,	1.25
Brasil	2000 <b>MINERALS (3v shtlt)</b> MS3093:distribution map & Diamond,Aquamarine, Opal, Tourmaline, Imperial Topaz, Gold, "Brazilianita", was £3.75	<b>2.50</b>
Brasil	2001 Topaz (2v sheetlet) MS3270: five different forms of orthorhombic,	1.95
Brasil	2001 Topaz (2v sheetlet) MS3270: five different forms of orthorhombic, <b>also available now on illustrated First Day Cover,</b>	3.50
Brasil	2017 Fossil insects (2v): dragonfly & butterfly,	4.75
Br.Guiana	1938 Kaieteur Falls (1v): 2ct definitive lightly mounted, SG309a	0.30
Bulgaria	2009 <b>MINERAL</b> (1v): Amethyst SG4705,	1.30
Bulgaria	2009 <b>MINERAL</b> SS: Amethyst souvenir sheet, <b>scarce</b>	13.50
Bulgaria	2013 Mining (1v): miner's lamp, SG4876,	1.70
Bulgaria	2016 Bonchev (1v): amethyst, SG5031,	1.75
Burundi	2012 Mandela (4v shtlt): <b>Fluorite, Malachite</b> , (+ bfly) <b>Michel#2246-9</b> ,	15.60
Burundi	2013 <b>MINERALS</b> (4v stlt): Carnelian Agate,Malachite,Blue Azurite, <b>Mi#3213-6</b> ,	12.85
Burundi	2013 <b>MINERAL</b> SS: Variscite souvenir sheet <b>Michel#3217</b>	11.20
Canada*	1998 Canadian Institute of Mining & Metallurgy (1v): oil rig, SG1790,	0.50
Canada	2008 Oil, Gas Industries (2v): SG2548-9,	1.50
Central Af.Rep.	1996 Fossilized dinosaurs' eggs (2v): <b>Scott#1130</b>	0.95
Central Af.Rep.	1996 Fossils SS: as above plus dino in border s/sheet, <b>Scott#1130c</b>	1.15
Central Af.Rep.	1998 <b>MINERALS &amp; Scouts (3v sheetlet)</b> : Tourmaline, Jasper, Madagascar Corundum, <b>Scott#1258</b> was £5.90 on Special Offer	<b>3.90</b>
Central Af.Rep.	1998 <b>MINERALS (12v in 2 sheetlets)</b> : Haematite, Amber, silver, native iron, Opal,Rhodochrosite,Chalcopyrite,Malachite, <b>Scott#1261-2</b> was £17.50	<b>13.95</b>
Central Af.Rep.	1998 <b>MINERALS</b> SS: Gypsum souvenir sheet, <b>Scott#1263</b> was £5.95 on Offer	<b>3.90</b>
Central Af.Rep.	2011 <b>MINERALS</b> (4v shtlt): Limonite, Haematite, Rutile, Gold, <b>Mi#2958-61</b>	8.95
Central Af.Rep.	2011 <b>MINERALS</b> SS: Quartz & Amethyst souvenir sheet, <b>Michel#2962</b>	8.90
Central Af.Rep.	2012 <b>MINERALS</b> (3v shtlt): Abichite, Kyanite, Limestone, <b>Michel#3112-4</b> ,	9.60
Central Af.Rep.	2012 <b>MINERALS</b> SS: Domeykite Cu <sub>3</sub> As souvenir sheet <b>Michel#3115</b>	8.70
Central Af.Rep.	2013 <b>MINERALS</b> (4v shtlt): Sphene CaTiSiO <sub>5</sub> , Tourmaline, Torbernite, Titanite, <b>Michel#4116-9</b>	10.90
Central Af.Rep.	2013 <b>MINERALS</b> SS: Lazulite ((Mg,Fe <sup>2+</sup> )Al <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> souvenir sheet, <b>Mi#4120</b>	9.85
Central Af.Rep.	2014 <b>MINERALS</b> (4v shtlt): Cuprite/Malachite,Amethyst,Azurite, <b>Mi#4805-8</b>	13.80
Central Af.Rep.	2014 <b>MINERALS</b> Mineral SS: Euclase souvenir sheet <b>Michel#4809</b>	10.40
Central Afr.Rep.	2015 <b>MINERALS</b> (3v shtlt): Azurite, Wulfenite, Sphalerite, <b>Michel#5465-7</b>	11.25
Central Afr.Rep.	2015 <b>MINERALS</b> SS: Cuprite-Mimetite souvenir sheet, <b>Michel#5468</b>	9.90
Central Afr.Rep.	2015 <b>MINERALS</b> & Volcanoes(4v shtlt): Gypsum, Amethyst, Etna Emerald, Mauna Loa Hawaii, <b>Michel#5820-3</b>	11.30
Central Afr.Rep.	2015 <b>MINERALS</b> /Volcanoes SS: Garnet, Shinmoe Peak souvenir sheet <b>Mi#5824</b>	9.90
Central Af Rep.	2016 Minerals(4v shtlt): Corundum, Epidote, Crocoite, Copper	13.30
Central Af Rep.	2016 Minerals SS: Brookite souvenir sheet	10.90

Chile	1976 Inca's Lake (1v): high in the Andes Mountains, SG775,	1.50
Chile	1995 Oil Production(4v): platforms, Concon refinery, SG1649-52,	1.95
Chile	2001 Copper Industry 30th Anniv. Nationalization (1v): SG1989,	1.30
China (P.R.)	1996 30th Int. Geology Congress Peking (1 value): SG4126,	0.40
China (P.R.)	1997 15th Int. Petroleum Industry Conference <b>Prestamped Envelope</b>	0.95
China (P.R.)	2007 Mountains (2v): Popacatapetl, Gongga, SG5229-30,	0.95
Colombia	2010 Shanghai MS2649: Emeralds (+ Scarlet Macaw souvenir sheet),	8.50
Comores	2009 <b>MINERALS</b> (6v shtlt): Legrandite, Sulfur, Barite, Pyrite, Rutile, Rhodochrosite, <b>Michel#2037-42</b>	12.50
Comores	2009 <b>MINERALS</b> SS: Calcite (Von Laue) souvenir sheet, <b>Michel#2043</b>	12.95
Comores	2010 <b>MINERALS/Meteorites</b> (4v shtlt): various Lunar samples from Say al Uhaymir Oman & Calcalong Creek Australia - identifications needed, <b>Mi#2622-5,</b>	8.35
Comores	2010 <b>MINERALS</b> SS: Antarctic meteorite La Gamme d'Alexandra la reine <b>Mi#2630</b>	12.35
Comores	2010 <b>MINERALS</b> (4v shtlt): Mordenite, Cerusite, Corundum/Rubies, Titanite, Albite, Olmiite, Tourmaline Liddicoatite, Stilbite, Mordenite, Topaz, Beryl Aquamarine, Albite, Quartz, Amethyst, <b>Michel#2632-5</b>	8.25
Comores	2010 <b>MINERALS</b> SS: Liddicoatite, Apophyllite, Stilbite, Thomsonite s/sheet <b>Mi#2636</b>	12.25
Comores	2010 Fossils & Dinos (4v shtlt): Cuvier & Ammonite, Therizonosaurus & T-Rex, Craspidites nodiger, Centrosaurus crane, Maclurite Triceratops, <b>Mi#2642-5,</b>	8.30
Comores	2010 Fossils & Dinos SS: Othnier Charles Marsh & dinosaur Mononkus squelette, fossil - Jeletzkytes nebrascensis souvenir sheet <b>Michel#2650</b>	12.30
Comores	2011 <b>MINERALS I</b> (5v shtlt): Rutile, Beryl, Baryte, Wulfenite, Apatite, Liddicoatite, Tourmaline, Siderite, Andalusite, <b>Michel#2938-43</b>	11.35
Comores	2011 <b>MINERALS I</b> SS: Cavansite & Sphalerite souvenir sheet <b>Michel#2951</b>	11.40
Comores	2011 <b>MINERALS II</b> (5v shtlt): Apophyllite, Vivianite, Pyrite, Malachite, Elbaite Tourmaline, Aragonite, Diamond, <b>Michel#2944-8,</b>	11.30
Comores	2011 <b>MINERALS II</b> SS: Benitoite, Neptunite, Calcite souvenir sheet <b>Michel#2952</b>	11.25
Congo	2006 Darwin(4v shtlt): Tourmaline, Fluorite, Malachite, Azurite, Chacoalumite, <b>Yvert#RDC032</b>	9.75
Congo	2006 Darwin SS: Azurite, (+ Styraeosaurus) souvenir sheet	7.50
Croatia	2010 <b>MINERALS</b> (2v shtlt) MS1040: Agate & Limestone,	2.50
Croatia	2012 <b>MINERALS</b> (2v shtlt) MS1131: Roselite from Pakoselo Quarry	3.75
Croatia	2014 <b>MINERALS</b> (2v shtlt) MS1222: Prehnite & Schist	3.30
Croatia	2016 <b>MINERALS</b> (2v shtlt): Rhyolite, Halite - Sea Salt,	3.90
Cuba	2012 Mining and Geology Day (1v): SG5754,	2.20
Cuba	2014 I.L.O. (1v): includes smelting (+ surgeons operating),	1.80
Czech Rep.	1999 Barrande & Fossils (sheetlet of 2v + 2 labels) MS242: trilobites,	2.75
Czech Rep.	1999 Fossils (sheetlet on <b>First Day Cover,</b>	3.50
Czech Rep.*	1999 750th Anniv. Jihlava Mining Rights(1v): medieval scene, SG240,	0.75
Czech Rep.	1999 Jihlava Mining SG240 <b>on illustrated First Day Cover,</b>	1.75
Czech Rep.*	2000 700 years of granting Mining Rights Kutn Hora (1v): SG258,	0.60
Czech Rep.	2000 700 years Mining (2 copies SG258) <b>on illustrated First Day Cover</b>	2.20
Czech Rep.	2003 Geological Features (2v): rocks at Punkva River, SG362-3,	2.25
Czech Rep.	2008 Geologists (2v): Stolicka & Musil, SG552-3,	3.30
Czech Rep.	2009 Stredohory Volcanic Region MS588: extinct volcano souvenir sheet	4.80
Czech Rep.	2011 Kaspar Maria von Sternbeck MS638: geologist, botany,	4.25
Czech Rep.	2011 Vilem of Rozenberg MS648: amateur geologist host of alchemists	5.95
Denmark	1998 Fossils Ammonite (X 10) in booklet, (10 x SG1153),	7.75

Djibouti	2016 Minerals (4v shtlt): Sulfur, Chalcantinite, Colemanite, Legrandite, <b>Michel#1019-22, Scott#955,</b>	12.95
Djibouti	2016 Minerals SS: Galena souvenir sheet, <b>Mi#10123, Sc#975</b>	11.75
Djibouti	2016 Minerals (4v shtlt): Gadolinite, Chalcantinite, Fluorite, Legrandite <b>Scott#1038</b>	12.90
Djibouti	2016 Minerals SS: Cassiterite souvenir sheet <b>Scott#1057</b>	11.70
Ecuador	2009 Darwin (1v): Volcano & map of islands, (+Frigatebird, Cactus,SG3146,	22.50
Ecuador	2010 50 years of OPEC (1v): tanker, SG3196,	1.75
Ecuador	2016 Geodesica (2v): Volcano Chimborazo, globe,	1.60
Ecuador	2016 Oil (1v): nodding donkey,	1.75
Egypt	1994 Egypt Sedimentology Society Congress (1v): SG1902,	0.35
Egypt	1994 5th Arab Energy Conference (1v): Oil Well etc. SG1911,	0.40
Egypt	2005 Natural Gas Pipeline (1v) SG2385,	0.60
El Salvador	2006 Fossils (4v):mandible,hand,sloth atlas vertebra,mastodon,SG2758-61	3.75
Estonia	2003 150th Anniv. Naturalists ( <b>Prestamped Card</b> ) <b>fossil design,</b>	1.95
Estonia	2016 100 Years of Oil Shale Mining MS808: rocks	6.75
Falklands	1999 Gold Rush (4v): Gold rocking cradle, panning, ship below, SG854-7,	2.95
Falklands	1999 Gold Rush MS858: ship - "Vicar of Bray" souvenir sheet	1.85
Falklands	1999 Gold Rush (4v): <b>SG854-7 on illustrated First Day Cover,</b>	5.50
Falklands	1999 Gold Rush MS858: <b>on illustrated First Day Cover,</b>	3.95
Fiji	1990 Soil Conservation (4 values): SG811-4,	4.50
Fiji	1991 Environmental Protection (4v): Sand Dunes Island Rocky Outcrop, Boulders in the Sea etc. SG823-6, <b>Cat.£7.00</b>	3.25
Finland	2008 Adlf Nordenskiold MS1934:geologist,ship"SS Sofia",1832-1901,s/sheet	3.50
France	2011 Departement Reunion (10v booklet): volcano, (+ Stonechat,scenery)	16.50
France	2016 Minerals (12v booklet): Turquoise, Labradorite, Olivine, Topaz, Gold, Amethyst, Ruby, Fluorite, Silver, Quartz, Copper, Sulfur	17.95
France	2016 200 <sup>th</sup> Anniv.National Mining School (1v): microscope, lamp, SG5997,	1.75
France	2016 Jewellery (1v): emeralds, SG6078,	2.40
Fr.Antarctic	1994 <b>MINERAL (1v)</b> Cordierite, (Mg,Fe) <sub>2</sub> Al <sub>4</sub> Si <sub>5</sub> O <sub>18</sub> SG321,	2.50
Fr.Antarctic	1995 <b>MINERAL (1v)</b> Olivine SG335	2.70
Fr.Antarctic*	1998 <b>MINERAL (1v)</b> : Quartz, SG379,	1.85
Fr.Antarctic*	1999 <b>MINERAL (1v)</b> : Epidote (an Aluminium & Calcium Silicate), SG393	1.20
Fr.Antarctic	1999 Programme Geoleta (1v): map "Pointe Geologie", miners, SG403,	9.95
Fr.Antarctic*	2000 <b>MINERAL (1v)</b> : Mica, SG419,	1.25
Fr.Antarctic*	2001 <b>MINERAL (1v)</b> : Magnetite, SG439,	1.35
Fr.Antarctic*	2002 <b>MINERAL (1v)</b> : Nepheline, SG480,	0.90
Fr.Antarctic*	2003 <b>MINERAL (1v)</b> : Apatite, SG496,	0.75
Fr.Antarctic*	2004 <b>MINERAL (1v)</b> : Chalcedony, SG516,	0.70
Fr.Antarctic*	2005 <b>MINERAL (1v)</b> : Agate, SG530,	0.85
Fr.Antarctic*	2006 <b>MINERAL (1v)</b> : Rutile, SG559,	0.70
Fr.Antarctic*	2007 <b>MINERAL (1v)</b> : Corundum, SG571,	0.77
Fr.Antarctic*	2007 Archaeology (1v): site, fossils & archaeologists on St.Paul, SG580,	4.95
Fr.Antarctic*	2010 <b>MINERAL (1v)</b> : Tourmaline, SG622,	0.95
Fr.Antarctic*	2013 <b>MINERALS (2v)</b> : Haematite, SG685-6,	1.95
Fr.Antarctic*	2015 <b>MINERALS (2v)</b> : Beryl, crystals & polished gemstones, SG735-6,	2.30
Fr.Antarctic*	2016 <b>MINERALS (2v)</b> : Sphene (Titanite) CaTiSiO <sub>5</sub> , SG771-2	2.25
Fr.Antarctic*	2017 <b>MINERALS (2v)</b> : Pyroxene,	2.35
Fr.Polynesia	2010 Phosphate Mining (3v): train, open cast, etc. SG1163-5,	5.50

Gambia	1991 Montmatre Quarry MS 1257b: Van Gogh "The Quarry" souvenir sheet,	3.75
Gambia	2003 Leo Schachter Diamond (1v): SG4525,	1.15
Gambia	2003 Leo Schachter Diamond (6v shtlt; 6 copies of the above 6 x SG4525)	5.50
Gambia	2003 Leo Schachter Diamond MS4526: different value souvenir sheet	3.60
Gambia	2003 Diamonds MS4533: Champagne souvenir sheet	3.80
Gambia	2015 <u>MINERALS</u> (6v shtlt): Chalcopyrite, Tetrahedrite, Topaz, Dioptase, Cassiterite	12.90
Gambia	2015 <u>MINERALS</u> II (4v shtlt): Vivianite, Stibnite, Garnet, Amethyst,	9.90
Gambia	2015 <u>MINERALS</u> SS: Rhodochrosite MnCO <sub>3</sub> souvenir sheet	6.95
Georgia*	2003 <u>MINERALS</u> (4v): Orpiment, Agate, Rock Crystal, Realgar+Orpiment, SG417-20	3.75
Georgia	2003 <u>MINERALS</u> (4v on illustrated First Day Cover) above SG417-20,	7.95
Georgia	2003 <u>MINERALS</u> (8v shtlt): two sets in a pane SG417a as above in <u>booklet</u> ,	7.70
Germany	1996 Heritage Site (1v): Volklinger blast furnace SG2730,	1.05
Germany	1997 Gemstone Oberstein 500th Anniv. Gem Region (1v): structure, SG2766,	2.50
Germany	1997 Gemstone Oberstein 500th Anniv. Gem Region (1v): <b><i>fine used was £1.70</i></b>	<b>0.80</b>
Germany	1998 Grube Messel (1v): Fossil Crocodile, SG2861,	0.80
Germany	1998 Grube Messel (1v): SG2861 <b>on illustrated First Day Cover</b>	1.80
Germany	1998 Sandstone National Park (2v sheetlet) MS2860: Cliffs,	2.95
Germany	2006 Neanderthal Man Skull (1v): SG3433,	3.50
Germany	2011 Archaeopteryx (1v): SG3733,	1.35
Germany	2011 Emil Wiechert (1v): geologist, seismologist, SG3746,	2.30
Germany	2012 Jewels (1v): Ruby <b><i>self-adhesive</i></b> value, SG3754,	2.25
Germany	2015 <u>MINERALS</u> - Fluorite 250 <sup>th</sup> Anniv. Freiburg Mining School (1v): SG4020,	1.75
Ghana	1985 Exports (2v: two minerals - Gold & Bauxite, Cat.£7.50, SG1170-4,	5.75
Ghana	<b>1988</b> Revolution(4v; one mining ore truck <b>Cat.£26, Special Offer</b> , SG1230-3	10.50
Ghana	2013 <u>MINERALS</u> - Agates (6v shtlt) MS3786: 6 different,	9.95
Ghana	2013 <u>MINERALS</u> MS3787: Amethyst souvenir sheet	5.75
Greenland	2009 Fossils (3v): Scaphites rosenkrantzi (nautilus), Mallotus villosus Schizoneura carcinoides (two ferns), SG568-70,	10.75
Greenland	2009 Cryolite (1v): crystals & location map, SG586,	0.75
Greenland	2012 Graphite Mines (2v): 1915-1924, SG674-5,	4.40
Greenland	2013 Coal Mining and Marble Quarry (2v): 38DKr & 49DKr., SG701-2,	22.50
Greenland	2014 Mining series V (1v): mining wagons, SG733,	3.40
Greenland	2017 W.W.II. (1v): cryolite wagons, railway & ship	11.90
Grenada	1995 Waterfall MS3042b: 12th Anniv. Liberation Reagan, W'fall souv/sheet,	2.95
Grenada	2013 <u>MINERALS</u> (6v shtlt): Azurite, Rhodonite, Ruby matrix, Barite, Sodalite, Chalcedony,	8.30
Grenada	2013 <u>MINERALS</u> 1 <sup>st</sup> (2v shtlt): Jade & Jasper,	5.50
Grenada	2013 <u>MINERALS</u> 2 <sup>nd</sup> (2v shtlt): Hornblende & dyed Howlite,	5.45
Grenada Gren.Carr.	2014 <u>MINERALS</u> (4v shtlt) MS4142: Stilbite, Tourmaline, Fluorapophyllite Garnet, Epidote 2Al <sub>2</sub> (Fe <sub>3+</sub> ;Al)(SiO <sub>4</sub> )(Si <sub>2</sub> O <sub>7</sub> )O(OH), Ruby	8.25
Grenada Gren.Carriacou	2014 <u>MINERALS</u> MS4144: Geotite & Malachite souvenir sheet	5.25
Grenada Gren.Carriacou	2014 <u>MINERALS</u> (4v shtlt) MS4143: Wulfenite, Hubnite, Mimetite, Calcite, Rose Mordenite, Cookeite,	8.20
Grenada Gren.Carriacou	2014 <u>MINERALS</u> MS4145: Pyromorphite & baryite souvenir sheet	5.20
Guinea-Bissau	2001 <u>MINERALS</u> (6v shtlt): 6 diff. - Amethyst, Malachite, <b>Mi#1528-33</b>	5.50
Guinea-Bissau	2001 <u>MINERALS</u> (9v shtlt): 9 diff. - central one is blue, <b>Mi#1534-42</b>	7.25
Guinea-Bissau	2001 <u>MINERALS</u> (9v shtlt): 9 different minerals, mostly pink, <b>Mi#1543-51</b>	6.95

Guinea-Bissau	2002	<u>MINERALS</u> SS: Skuttedudite/ Nelson Mandela souvenir sheet, <b>Mi#1982</b> ,	7.75
Guinea-Bissau	2005	<u>MINERALS</u> & Dinosaurs (6v shtlt): six different minerals, <b>Mi#3290-5</b>	7.90
Guinea-Bissau	2005	<u>MINERALS</u> & Dinosaurs SS: minerals souvenir sheet, <b>Mi#3296</b>	7.25
Guinea-Bissau	2009	<u>MINERALS</u> (6v shtlt) Schorl Beryl, Celestite, Orpiment, Dolomite, <b>Mi#4097-02</b>	11.90
Guinea-Bissau	2009	<u>MINERALS</u> SS: Elbaite, Chalcopyrite, Covellite, Lepidolite, s/sht <b>Mi#4103</b> ,	11.50
Guinea-Bissau	2009	<u>MINERALS</u> (5v shtlt): Crysobel, Fluorite, Amethyst, Topaz, Quartz, <b>Mi#4396-00</b>	11.30
Guinea-Bissau	2009	<u>MINERALS</u> SS: Malachite (+ 7 in the border!) souvenir sheet, <b>Mi#4401</b>	10.65
Guinea-Bissau	2009	<u>MINERALS</u> (5v shtlt): Aquamarine, Alexandrite, Pyrrhotite, <b>Michel#4432-6</b>	7.75
Guinea-Bissau	2009	<u>MINERALS</u> /Vol. Titanite/Chlorite (border Galena etc) s/sheet, <b>Mi#4437</b>	7.70
Guinea-Bissau	2010	<u>MINERALS</u> (6v shtlt): Variscite, Elbaite, Stibiconite, Adamite, Rhodochrosite & Quartz, Wulfenite & Mimetite, <b>Michel#4985-90</b> ,	9.80
Guinea-Bissau	2010	<u>MINERALS</u> SS=2v shtlt): Malachite pseudo Azurite Planchete, <b>Mi#4991-2</b>	9.75
Guinea-Bissau	2010	Volcanoes (6v shtlt): S.Maria Guatemala, Colima Mexico, <b>Michel#4961-6</b>	7.50
Guinea-Bissau	2010	American Volcanoes (2v shtlt): Popocatepetl Mexico, <b>Michel#4967-8</b>	9.75
Guinea-Bissau	2011	<u>MINERALS</u> International Year of Chemistry (4v shtlt): all four are Minerals - Pyrites FeS <sub>2</sub> , Quartz SiO <sub>2</sub> , Fluorite CaF <sub>2</sub> , Calcite CaCO <sub>3</sub> ball stick models, <b>Michel#5303-6</b>	12.50
Guinea-Bissau	2011	Int.Year Chem. SS: Diamond + ball stick models souvenir sheet <b>Mi#5307</b>	11.25
Guinea-Bissau	2011	<u>MINERALS</u> SS: Smoky Quartz souvenir sheet <b>Michel#5729</b>	13.90
Guinea-Bissau	2012	<u>MINERALS</u> (4v shtlt): Galena, Inesite, Cerussite, Smithsonite + Cadmium, <b>Michel#5927-30</b> ,	11.75
Guinea-Bissau	2012	<u>MINERALS</u> Cerussite SS: Rhodochrosite border souven/sheet, <b>Michel#5931</b>	10.95
Guinea-Bissau	2013	<u>MINERALS</u> (4v shtlt): Pyrites, Amethyst, Emerald, Chalcantite CuSO <sub>4</sub> .5H <sub>2</sub> O, <b>Michel#6788-91</b> ,	10.35
Guinea-Bissau	2013	<u>MINERALS</u> SS: Mineralised ammonite souvenir sheet + Creedite, <b>Mi#6792</b>	9.25
Guinea-Bissau	2013	<u>MINERALS/Volc.S</u> (4v shtlt): Chalcopyrites + phantom calcite, Deep Blue Azurite Rosy Pink Grossular Garnet, Amethyst sceptered crystal, <b>Michel#6882-5</b>	10.40
Guinea-Bissau	2013	<u>MINERAL + Volcano</u> SS: Bronze Br.Adradite souvenir sheet, <b>Michel#6886</b>	9.30
Guinea-Bissau	2014	<u>MINERALS</u> (4v shtlt): Zoisite/Corundum, Fluorite, Quartz/Haematite, Haematite (Fe <sub>2</sub> O <sub>3</sub> ) (blue), <b>Michel#7271-4</b>	11.40
Guinea-Bissau	2014	<u>MINERALS</u> SS: Azurite Cu <sub>3</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>2</sub> souvenir sheet, <b>Michel#7275</b> ,	10.40
Guinea-Bissau	2014	<u>MINERALS</u> (4v shtlt): Amethyst, Quartz & Haem Quartz, Barite (BaSO <sub>4</sub> )	11.35
Guinea-Bissau	2014	<u>MINERALS</u> SS: Nadorite (PbSbO <sub>2</sub> Cl) souvenir sheet, <b>Michel#7370</b>	9.75
Guinea-Bissau	2015	<u>MINS</u> (4v shtlt) Malachite, Hemimorphite, Wulfenite, Amethyst, <b>Mi#7639-42</b>	9.95
Guinea-Bissau	2015	<u>MINERALS/Volcanoes</u> (4v shtlt): Labradorite Colima Mexico Pyrite & Pu'u O'o Hawaii, Amethyst Nyiragongo Congo, <b>Michel#7846-9</b>	11.60
Guinea-Bissau	2015	<u>MINERALS</u> SS: Bauxite souvenir sheet <b>Michel#7650</b>	9.80
Guinea-Bissau	2015	<u>MINERALS</u> (4v shtlt): Vanadinite, Azurite/Wulfenite, Azurite/Malachite /Quartz, Plumbogummite PbAl <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>5</sub> .H <sub>2</sub> O, <b>Michel#7919-22</b>	11.25
Guinea-Bissau	2015	<u>MINERALS</u> SS: Wulfenite PbMoO <sub>4</sub> souvenir sheet <b>Michel#7623</b> ,	9.20
Guinea-Bissau	2016	Minerals (4v shtlt): Quartz with Rutile, Wulfenite, Rutile with haematite, Red Fluorite, <b>Yvert#6496-9</b>	12.90
Guinea-Bissau	2016	Minerals SS: Emeralds & fluorite s/sheet, <b>Yv#1201</b>	12.95
Guinea-Bissau	2016	Minerals (5v shtlt): Chrysocolla, Pyrrhotite, Cornoline, Azurite, Malachite, <b>Yvert#6690-4</b> ,	10.50
Guinee	1998	<u>MINERALS</u> (3v): Calcite, Wolframite, Spodumene, all three have face values 750fr & are on a green background, <b>Scott#1499 was £5.95</b>	4.45
Guinee	1998	<u>MINERALS</u> (6v shtlt): 750fr designs as above with green background & sheetlet contains two sets = (2 x <b>Scott#1499</b> ), <b>was £11.90 Offer 8.90</b>	
Guinee	1998	<u>MINERALS</u> (3v shtlt): Calcite, Wolframite, Spodumene, all three have face values 750fr & are on a blue background <b>Scott#1500</b>	6.95

Guinee	1998	<b>MINERALS (3v)</b> : Psilomelane, Heterosite, Columbo-Tantalite, all 3 have face values 1500fr & are on blue background, <b>Scott#1499D was £11.95</b>	<b>8.45</b>
Guinee	1998	<b>MINERALS (6v shtlt)</b> : 1500fr designs as above with blue background & sheetlet contains two sets=(2 X <b>Scott#1499D</b> ), <b>Offer was £23.80</b>	<b>16.90</b>
Guinee	1998	<b>MINERALS</b> SS: Hale-Bopp Comet meteorite souvenir sheet (dino border)	6.50
Guinee	2002	Meteorites (3v shtlt):Tatahouine,Gao-Guenie,Great Sand Sea, <b>Sc#2212</b>	6.75
Guinee	2006	" <b>MINERALS</b> & Scouts"(3v shtlt): Shergottite=Olivine/Pegeonite, (+ fungi on other two values), <b>Michel#4362-4</b>	9.50
Guinee	2006	Shehrgoottite SS - "Minerals & Scouts" souvenir sheet, <b>Michel#4374</b>	7.90
Guinee	2011	<b>MINERALS</b> (5v shtlt): Colemanite, Cassiterite, Chalcantite Emerald, + another mineral entitled "Colemanite", <b>Michel#8522-6</b> ,	14.95
Guinee	2011	<b>MINERALS</b> (3v shtlt): 3 copies of Legrandite, <b>Michel#8532-4</b> ,	13.75
Guinee	2011	<b>MINERALS</b> (2 <sup>nd</sup> 5v sheetlet): Gadolinite (Ce,Nd,Y,La) <sub>2</sub> FeSi <sub>2</sub> Be <sub>2</sub> O <sub>10</sub> , Barite, Vesuvianite, Ca <sub>10</sub> (Mg,Fe) <sub>2</sub> Al <sub>4</sub> (SiO <sub>4</sub> ) <sub>5</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (OH,F) <sub>4</sub> , Amethyst, Dickite Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>2</sub> , <b>Michel#8527-31</b>	14.90
Guinee	2011	<b>MINERALS</b> (2 <sup>nd</sup> 3v shtlt): Lepidolite x 3 copies KLi <sub>2</sub> Al(Al,Si) <sub>3</sub> O <sub>10</sub> (F,OH) <sub>2</sub> <b>Michel#8535-7</b> ,	13.70
Guinee	2013	<b>MINERALS</b> (3v shtlt):Violane var.Diopside),Gmelinite,Rhodochrosite, <b>Yv#6908-10</b>	11.50
Guinee	2013	<b>MINERALS</b> SS: Amethyst & sulphur souvenir sheet, <b>Yvert#1566</b>	8.50
Guinee	2014	<b>MINERALS</b> (3v shtlt): Agate, Tourmaline, Opal, <b>Mi#10,247-9</b>	11.30
Guinee	2014	<b>MINERALS</b> SS: Wulfenite souvenir sheet <b>Mi#10,250</b>	10.20
Guinee	2015	<b>MINERALS</b> (4v shtlt): Erythrite - Co <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> .H <sub>2</sub> O, Malachite Cu <sub>2</sub> CO <sub>3</sub> (OH) <sub>2</sub> Crocoite PbCrO <sub>4</sub> , Cuprosklodowskite Cu(UO <sub>2</sub> ) <sub>2</sub> (HSiO <sub>4</sub> ) <sub>2</sub> .6(H <sub>2</sub> O), <b>Mi#11,033-6</b>	9.20
Guinee	2015	<b>MINERALS</b> SS: Columbite-tantalite souven sheet <b>Mi#11,037</b>	8.30
Guinee	2015	<b>MINERALS</b> (4v shtlt): Fluorite, Calcite, Amethyst, Vanadinite,	10.45
Guinee	2015	<b>MINERALS</b> SS: Wulfenite PbMoO <sub>4</sub> souvenir sheet	10.50
Guinee	2015	<b>MINERALS</b> (4v shtlt): Cassiterite,Hubnerite,Limonite,Topaz	10.50
Guinee	2015	<b>MINERALS</b> SS: Chalcantite and Amethyst souvenir sheet	10.55
Guyana	1996	Mars Meteorite showing fossil MS4814,	3.75
Guyana	2010	Pork Knockers (4v shtlt) MS6720: Gold, Diamonds,	3.70
Guyana	2016	Bauxite (4v shtlt): kiln panorama, dragline, mining,	6.95
Honduras	2016	Environment (8v): one is Mochito Gold Mine,(+Turtle, Merendon Forest etc	9.90
Hong Kong	2001	Water Supply (16v; desalination plant ion symbols Mg <sup>2+</sup> , Cl <sup>-</sup> ,	9.00
Hong Kong	2002	<b>MINERALS (4v shtlt)</b> MS1118: Granite, Siltstone, Tuff, Conglomerate,	4.75
Hungary	1969	<b>MINERALS</b> & Fossils (8v): Greenockite Calcite Sphalerite, crystals, Quartz crystals, Copper Ore, Cuprite crystals, Ammonite, Zelkova Leaf (fossil), placodonta etc. SG2463-70,	3.25
Hungary	2013	Calcite & Lamp Museum (2v): SG5401-2,	5.95
Iceland*	1998	<b>MINERALS</b> (2v): Scolecite & Stilbite, SG904-5,	1.60
Iceland	1998	<b>MINERALS</b> as above but SG904-5 <b>on illustrated First Day Cover</b> ,	2.60
Iceland*	1999	<b>MINERALS</b> (2v): Calcite & Heulandite, SG933-4,	1.80
Iceland	1999	<b>MINERALS</b> as above but SG933-4 <b>on illustrated First Day Cover</b> ,	2.80
Iceland	2007	Polar Year (2v shtlt)MS1162: erupting volcano souvenir sheet	6.50
Iceland	2014	<b>MINERAL</b> Rhyolite (xylophone) (1v): SG1415 as above but <b><i>fine used</i></b>	1.50
India	1977	Inter. Earthquake Conf.(1v): seismograph, crack in earth, SG838,	1.25
India	1980	Cent. of Kolar Gold Fields (1v): gold mining, SG990,	0.60
India	1982	25th Anniv. of Oil Exploration Sagar Samrat (1v): rig, SG1049,	0.50
India	1983	25th Anniv. Indian Mount Nanda Devi Expedition(1v): SG1096,	0.60
India	1984	Dr.Wadia (geologist), Himalayan Geology Institute (1v): SG1136,	0.70
India	1984	12th World Mining Congress (1v): Cat.£1.25, SG1139,	0.60



India	1984 Oil Conservation Year (1v): SG1214b,	0.45
India	1988 Himalayan Mountains (4v): Kanchenjunga, Nanda Devi, K2, SG1312-5	1.65
India*	1989 100th Anniv.of Oil in India (1v): Oil Rig SG1399,	0.40
India*	2000 Gems & Jewellery (6v); SG1966-71, <b>Cat.\$7.00</b>	2.95
India*	2000 Gems & Jewellery MS1972: <b>Cat.\$8.00</b>	2.25
India*	2001 <u>MINERALS</u> Geology (1v): 4 different <u>MINERALS</u> SG1993,	0.75
India	2001 100th Anniv. of Digboi Oil Refinery (1v): SG2046, <b>Cat.£1.25</b>	0.60
India*	2001 100 years of Directorate of Mines Safety (1v) helmet, tower,SG2054	0.45
India	2002 Everest Mountain Expedition of Indian Army (1v):SG2055, <b>Cat.£1.50</b>	0.50
India	2003 Waterfalls (4v): Jog, Kempty, Kakolat, Athiapalli, SG2149-52,	3.40
India	2003 Waterfalls (4v shtlt)MS2153: as above Jog, Kempty, Kakolat, <b>Cat.£7</b>	3.30
India	2006 Oil & Gas Industry (1v): platform, SG2338,	0.65
India	2008 Gas Authority (1v): SG2523, <b>Cat.£1.25</b>	0.65
Indonesia	1993 Waterfall MS2114:Carik Kenangan waterfall souvenir sheet <b>was £3.50</b>	1.95
Indonesia	1994 25th Anniv. of Geological Survey (1v): map, etc. SG2154	0.80
Indonesia	1997 ASCOPE (4v): Oil Industry - terminal, ships, rig, SG2360-3	0.95
Indonesia*	1997 <u>MINERALS</u> 1st issue (3v): Jaspar, Chrysocolla, Geode, SG2312-4	1.95
Indonesia	1997 <u>Minerals</u> MS2315: Banded Agate souvenir sheet, <b>was £4.95 Sp.Offer</b>	<b>3.95</b>
Indonesia	1997 <u>MINERALS</u> (9v sheetlet) MS2316: 3 sets plus minerals border,	5.50
Indonesia*	1998 <u>MINERALS</u> 2nd issue (3v): Amethyst, Tectite, Chrysobal, SG2403-5,	0.95
Indonesia	1998 <u>Minerals</u> SG2403-5 in sheets of 20 sets: Amethyst, Tectite,	18.50
Indonesia	1998 <u>Minerals</u> MS2406: Petrified Wood souvenir sheet, <b>was £1.60 Sp.Offer</b>	<b>1.35</b>
Indonesia	1998 <u>MINERALS</u> MS2407 (9v sheetlet of 3 sets + superb minerals border,	2.95
Indonesia	1998 <u>Minerals</u> (3v SG2403-5 on illustrated First Day Cover,	1.95
Indonesia	1998 <u>MINERALS</u> sheets (8v shtlt + SS): <b>both sheets contain,</b> <b>the scarce "Opal" value which does not exist in</b> <b>any other form.....</b>	8.95
Indonesia	1998 <u>MINERALS</u> sheets in Presentation folders; these folders are all have slight dents but the stamps are in perfect condition.....	8.95
Indonesia	1999 <u>MINERALS</u> 3rd iss.(3v):Blue Opal,Chrysoprase,Smokey Quartz,SG2529-31	2.50
Indonesia	1999 <u>MINERALS</u> (3v): above on illustrated First Day Cover SG2529-31	2.45
Indonesia	1999 <u>Minerals</u> MS2532: Calcified Coral souvenir sheet	1.60
Indonesia	1999 <u>MINERALS</u> sheets (10v shtlt + SS): <b>both sheets contain,</b> <b>the scarce "Javan Jade" value which does not exist in</b> <b>any other form.....</b>	7.70
Indonesia	1999 <u>MINERALS</u> sheets (10v shtlt + SS): above in Presentation folders;	7.70
Indonesia	2000 <u>MINERALS</u> 4th issue (3v):Chalcedony,Prehnite,Volc.Obsidian,SG2593-5	1.40
Indonesia	2000 <u>MINERALS</u> (3v): SG2593-5 on illustrated First Day Cover	2.40
Indonesia	2000 <u>Minerals</u> MS2596: Jasperized Limestone souvenir sheet	1.70
Indonesia	2000 <u>Minerals</u> MS2596: Limestone souvenir sheet on illustrated First Day Cover + polished sample of actual mineral!!	9.40
Indonesia	2000 <u>MINERALS</u> sheets (10v shtlt + SS): <b>both sheets contain,</b> <b>the scarce "Copper Jasper" value which does not exist in</b> <b>any other form.....</b>	9.50
Indonesia	2000 <u>MINERALS</u> sheets (10v shtlt + SS): above in Presentation folders;	9.50
Indonesia	2001 <u>MINERALS</u> 5th (3v):Malachite,Brecciated Jaspar,Rose Quartz,SG2750-2,	0.95
Indonesia	2001 <u>MINERALS</u> 5 <sup>th</sup> iss. above 3v: SG2750-2 on illustrated First Day Cover,	1.95
Indonesia	2001 <u>Minerals</u> MS2753: Diamond souvenir sheet	1.70
Indonesia	2001 <u>MINERALS</u> sheets (9v shtlt + label): 3 sets + composite label,	2.90
Indonesia	2001 <u>Minerals</u> MS2753: Diamond souvenir sheet on illustrated First Day Cover + polished sample of Heliotrope - actual mineral sample!!	5.50
Indonesia	1997-2001 all Minerals mint issues 15v+3 shtlts+8SS <b>total £44.65 on offer</b>	<b>37.95</b>
Iran	1988 Mining (1v): Miners pushing truck in mine SG2471,	1.50
Iran	1993 14th Ann. Revolution (5v strip)one features Oil Terminal,SG2759-63	1.25
Iran	1996 Oil Refinery, terminal & ship (5v strip): SG2890-4,	2.50
Iran	1997 Bandar Abbas Oil Refinery definitive (1v): processing plant,SG2925	1.05
Iran	2013 Turquoise blocking (4v): Goblets, SG3370-3,	8.50

Iraq	1982	10th Anniv. Nationalization of the Oil Wells (4v): SG1530-3	1.75
Iraq*	2001	30th Anniv. Oil Nationalisation (2v): oil rigs, refinery, SG1624-5	1.80
Ireland	1978	Arrival onshore of Natural Gas (1v): SG428, <b>FINE USED</b>	0.25
Israel	1981	<b>MINERALS (3v):</b> Elat Stone, Star Sapphire, Emerald, SG828-30,	1.95
Israel	2001	Diamonds (3v shtlt): MS1550,	3.75
Israel	2001	Diamonds (3v shtlt): MS1550 on <b>illustrated First Day Cover</b>	4.95
Israel	2002	<b>MINERALS</b> & Fossils (3v shtlt)MS1612: Copper Minerals and 2 Fossils Ammonite, fish, only available on <b>illustrated First Day Cover</b>	4.90
Italy*	1996	13th Pre- & Protohistory Congress (1v): caveman, SG2387,	0.75
Italy*	1998	4th Int.Fossil Circle, Pergola 98(1v): Ammonite & Starfish, SG2497,	0.80
Italy	2008	Messina Earthquake 100 <sup>th</sup> Anniversary (1v): SG3180,	1.60
Italy	2015	100 <sup>th</sup> Anniv.Marsica Earthquake & Mercalli volcanologist(2v): SG3619-20	4.35
Japan	1999	<b>(Ehime Prefecture)</b> Bathhouse at Dogo Hot Springs (1v):	1.20
Japan	2016	Tsunami Awareness (1v)	1.80
Jersey	1994	Archaeological Disc. (4v):Mammoths,Early Man,Neolithic Tomb,SG655-8	2.60
Jordan	2005	<b>MINERALS</b> /Salts(4v shtlt)MS2077:crystals KCl, MgCl <sub>2</sub> , NaCl & view of Dead Sea,	3.95
Kazakhstan*	1997	<b>MINERALS (4v):</b> Chalcedony, Malachite, Moss Agate, Opal, SG183-6, <b>was £2.60 now on Special Offer</b>	<b>1.90</b>
Kazakhstan	1997	<b>MINERALS</b> in sheetlets of 10 (40 values): (10 X SG183-6 as above),	24.95
Kazakhstan	1997	<b>MINERALS (4v sheetlet) MS187:</b> Chalcedony, Opal, designs as above,	2.70
Kazakhstan*	2005	<b>MINERALS</b> (2v) Azurite and Agate, SG484-5,	1.95
Kazakhstan	2009	Oil Pipeline (1v) map, SG623,	1.95
N.Korea*	1995	<b>MINERAL (1v):</b> Amethyst - bluish quartz (1v): SiO <sub>2</sub> , SG3513,	0.60
N.Korea	1995	<b>MINERALS</b> (FINLANDIA 95)SG3513 as above but in <b>superb</b> sheetlet of 6,	4.75
N.Korea	1995	Fossils (2v): 25M.Year old Oyster, 220M.Yr.Cladophlebis SG3516-7	4.50
N.Korea	1995	Fossils in sheetlet of 2 sets (4v): above designs, SG3516-7	8.95
N.Korea	1995	Fossils booklet (designs as above): (SG3516 X 3 SG3517 X 4)	11.75
N.Korea	1998	Fossil skull & hand-axe from the Central Museum (2v): SGN3759-60	2.60
N.Korea	2000	Mount Paektu (3v) SGN3959-60	1.25
N.Korea	2002	<b>MINERALS (4v):</b> Iron pyrites, Magnetite, Limestone, Galena,SG4245-8	3.50
N.Korea	2002	<b>MINERALS (12v sheetlet):</b> 3 sets of the above SG4245-8 + border	9.95
N.Korea	2002	<b>MINERALS booklet:</b> SG4245-8 above + extra Magnetite in bklt pane	3.95
N.Korea	2007	Fossils (4v): Tetracorallia, Neuropteridium, Yolda, Rhino, SGN4685-8,	5.80
N.Korea	2007	Fossils <b>booklet</b> designs as above in sheetlet of 4v	6.90
N.Korea	2013	<b>Fossils (3v):</b> Hormotoma (shell), + a fish labelled "Ditomopharangia" and a frog(?) entitled "Dumangia",	5.90
N.Korea	2013	Fossils (6v shtlt = 2 x 3v above): Hormotoma (shell), etc.	11.80
South Korea	1999	Kumgang Mountains (1v+SS) SG2234 + MS2235	2.50
Kyrgystan	1994	<b>MINERALS (6v+SS):</b> Cinnabar, Calcite, Fluorite, Getchellite, Barite, Stibnite, Orpiment souvenir sheet, SG36-41 + MS42,	9.70
Kyrgystan	1994	<b>MINERALS (6v shtlt):</b> Cinnabar, Calcite, Fluorite, Getchellite, Barite, Stibnite, contains all above values except Orpiment,	7.50
Kyrgystan Express	2016	<b>MINERALS (4v):</b> Aragonite, Realgar, Stilbite, Kyanite, SG17-20	8.50
Kyrgystan Express	2016	<b>MINERALS (4v shtlt)MS21:</b> Aragonite, Realgar, Stilbite, Kyanite	8.75
Liberia	2013	<b>MINERALS</b> (1 <sup>st</sup> 3v shtlt): Aquamarine, Euclase BeAlSiO <sub>4</sub> (OH), Rainbow (Andradite) Garnet,	7.30
Liberia	2013	<b>MINERALS</b> (1 <sup>st</sup> 2v shtlt): two different Agates,	6.75
Liberia	2013	<b>MINERALS</b> (2 <sup>nd</sup> 3v shtlt): Rhodochrosite, Opal, Tanzanite,	7.25
Liechtenstein	2004	St.Barbara patron saint of Miners (1v) SG1369,	2.50
Liechtenstein	2004	Fossils (3v; SG1363-5 only available on <b>illustrated First Day Cover</b>	6.90
Liechtenstein	2014	Year of Crystallography (2v): crystals, SG1695-6	6.80

Lithuania	1999 Amber in the EUROPA issue (2v: one <b>MINERAL</b> ); SG699-700,	0.95
Lithuania	1999 Amber (2v: one <b>MINERAL</b> ); on <b>First Day Cover</b> was £1.95, on offer	1.50
Luxembourg	2000 Anniv. of Conversion to Natural Gas from Town Gas (1v) SG1535,	0.95
Macedonia	1997 <b>MINERALS</b> (2v): Antimonite & a thallium arsenide TlAsS <sub>2</sub> , SG189-90	3.70
Macedonia	1998 Fossils (4v): fossils and silhouettes, Tragoceros, Ursus spelaeus, Mesopithecus pentelici, Aceratherium inscivum, SG234-7	2.90
Macedonia	2013 50 <sup>th</sup> Anniv. Skopje Earthquake (1v): damaged buildings railway stn., SG807	5.95
Malagasy	1998 (1997 imprint) <b>MINERALS</b> (3v sheetlet): Agate, Malachite, Dioptase, Garnet, Chrysocola, Wulfenite, <b>Scott#1350</b>	9.90
Malagasy	1998 (7) Meteorites SS: <b>various MINERALS</b> (of Martian origin), <b>Scott#1351</b>	4.95
Malagasy	1998 <b>MINERALS</b> (2v sheetlet): Carnotite & Vanadinite, <b>Scott#1373</b>	8.95
Malagasy	1999 <b>MINERALS</b> (4v shtlt): Rhodonite, Granite, Jasper, Morganite, <b>Scott#1468</b>	7.90
Malagasy	2014 <b>MINERALS</b> (4v shtlt): Fluorite, Cu <sub>3</sub> AsO <sub>4</sub> (OH) <sub>3</sub> , Bayldonite, Rabbittite (Ca <sub>3</sub> Mg <sub>3</sub> (UO <sub>2</sub> ) <sub>2</sub> (CO <sub>3</sub> ) <sub>6</sub> (OH) <sub>4</sub> . 18H <sub>2</sub> O, Clinoclase,	8.50
Malagasy	2014 <b>MINERALS</b> SS: Cacozenite (Fe Al Phosphate) souvenir sheet	9.75
Malaysia	2015 Pearls (3v+SS): SG2093-5+MS2096	6.95
Maldives	2015 <b>MINERALS</b> & Bflies (4v shtlt): Orpiment, Agate, <b>Mi#6414-7</b>	8.95
Maldives	2015 <b>MINERALS</b> SS: Bottinger marble souvenir sheet <b>Mi#6418</b>	6.95
Mali	1997 Birds SS: <b>MINERALS</b> in the border, Quartz & Malachite, <b>Scott#943</b>	5.95
Mali	1997 <b>MINERALS</b> (3v sheetlet); Gold, Wulfenite, Quartz, <b>Scott#952</b>	9.95
Marshall Is.	2015 Dinosaurs fossils (4v): Protoceratops, Stego- T-Rex,	2.95
Mauritania	2003 Trains (3v): Mineral railway, passenger train and desert!, <b>Scott#753-5</b>	5.95
Mauritania	2005 45 <sup>th</sup> Anniv. Indep. (2v): Oil platform, mining, ships, <b>Scott#778-9</b>	2.90
Mauritius	1953 Waterfall (1v): Tamarind Falls 10ct definitive, SG314	0.20
Mauritius	2004 Mountains (4v): Le Pouce, Corps de Garde, Le Chat/Le Souris, SG1106-9	4.90
Mayreau St. Vincent	2013 Minerals (4v shtlt): Hureaulite + Strengite, Variscite Rhodonite + calcite, Alabandite + Rhodochrosite,	7.80
Mayreau St. Vincent	2013 Minerals (2v shtlt): Gold & Quartz, Emerald & Calcite,	5.40
Mexico	1993 Xmas (2v: incl. 3 Wise Men's Gifts - <b>Gold</b> , Myrrh, Frankins, SG2147-8	1.80
Mexico	1998 Oil Industry College (1v): rig at sea, SG2553,	1.50
Mexico	2004 <b>MINERALS</b> (1v): Amethyst Quartz, SG2826 on <b>illustrated First Day Cover</b>	3.60
Mexico	2010 Amber Marimba (1 vaalue): SG3191,	4.25
Mexico	2012 Oil Congress (2v): SG3337-8,	3.95
Mexico	2013 75 <sup>th</sup> Anniv. Oil & Petroleum Exploration (1v): platform, SG3369,	1.90
Mexico	2014 Year of Crystallography (1v): organic molecule, + ice,	3.50
Mexico	2016 Oil & Petroleum (1v)	1.90
Mongolia	2017 Treasures (9v shtlt): Turquoise, Lazurite, Gold, Silver, Pearl, Copper, Nacre, Coral, Steel,	10.75
Montserrat	1997 Volcanic Eruption 2 <sup>nd</sup> Anniv. (9v sheetlet): panoramic view, flora/fauna, only available on <b>illustrated First Day Cover</b> , SG1406-14	6.75
Montserrat	1998 Eclipse (4v): including volcanic eruption, SG1104-7	3.40
Montserrat	2013 <b>MINERALS</b> (6v sheetlet) MS1557: Chrysoberyl, Microcline, Garnet, Lapis lazuli, Feldspar - Sunstone, (+ Amber	8.90
Montserrat	2013 <b>MINERALS</b> MS1558: Orpiment souvenir sheet	3.60
Morocco	1981 <b>MINERALS</b> (2v): Azurite, Malachite & Onyx, SG563-4,	1.80
Morocco	2015 <b>MINERALS &amp; FOSSILS</b> (4v): Marellomorphe, Stromatolite, Tissint (Martian) meteorite, Aegirocassis benmoulae	8.80

Mozambique	1999	<u>MINERALS</u> (6v sheetlet): Smithsonite, Crocidolite, Halite, Native Gold, Monazite, Hauyns,	10.50
Mozambique	2012	Mary Anning (6v shtlt): fossils Dimorphodon macronyx, Ichthyosaurus Plesiosaurus dolichodeirus, 1799-1847, <b>Scott#2726, Michel#6083-6,</b>	13.50
Mozambique	2012	Mary Anning SS: Plesiosaurus macrocephalus souv./sheet <b>Michel#6087</b>	9.60
Mozambique	2013	<u>MINERALS</u> (4v shtlt): Scapolite, Tourmaline, Beryl varieties, <b>Mi#6279-82</b>	11.30
Mozambique	2013	<u>MINERALS</u> SS: Tourmaline & Scapolite souvenir sheet <b>Michel#6283</b>	10.25
Mozambique	2013	<u>MINERALS/Volcanoes</u> (4v shtlt): Emerald, Popocatepetl, Beryl, Chrysoprase & Augustine, Topaz & Mount Bromo, <b>Michel#6637-40</b>	12.25
Mozambique	2013	<u>MINERALS</u> SS: Topaz & Puu Oo volcano souvenir sheet <b>Michel#6641</b>	9.90
Mozambique	2013	<u>MINERALS</u> (4v shtlt): Azurite, Amethyst, Garnet/Smokey Quartz, <b>Mi#6792-5</b>	9.85
Mozambique	2013	<u>MINERALS</u> SS: Aragonite souvenir sheet <b>Michel#6796</b>	9.25
Mozambique	2014	<u>MINERALS</u> (4v shtlt): Malachite, Amethyst, Pyrites, CuSO <sub>4</sub> <b>Yv#6247-50</b>	10.25
Mozambique	2014	<u>MINERALS</u> SS: Halite souvenir sheet <b>Yvert#888</b>	8.75
Mozambique	2015	<u>MINERALS</u> (4v shtlt): Phosphophyllite, Anglesite/Galena, Calcite, Quartz	14.50
Mozambique	2015	<u>MINERALS</u> SS: Chalcopyrite, Quartz, Haematite souv./sheet	9.55
Mozambique	2016	<u>MINERALS</u> (4v shtlt): Volcanoes Galite, Aragonite, Stibnite, Chalcantinite,	15.75
Mozambique	2016	<u>MINERALS</u> SS: Smoky Quartz souvenir sheet	10.25
Myanmar*	1991	<u>MINERAL</u> (1v): Nawata Ruby in the Gem Emporium, <b>scarce</b> , SG323	1.50
Namibia	2017	Diamond trains - diesel-elec. locos (4v): Bo-Bo KGB, (1A0) Benzol-Electric, Railcar No.3 Kolmanskop,	5.25
Nauru	1995	Phosphate Mining (2v): rock formations & signing agreement, SG435-6	1.25
Nauru	1995	Phosphate Mining MS437: panorama opencast mining, loading ship	1.90
Nauru	2000	Phosphate Mining (3v: mineral, locomotive, Ellis, power plant, SG510-2	3.90
Nepal	1996	Mountains (3v strip): Anapurna I, II, III, 1V, SG646-8,	2.95
Nepal	2003	50 <sup>th</sup> Anniv. of 1 <sup>st</sup> Ascent of Everest (1 value) SG777,	1.50
Nepal	2003	Babu Chiri Sherpa (1v): mountain guide, SG778,	0.65
Nepal	2013	Fossils (4v): Giraffa pujabiensis, Askidiskidon, Planifrons, Ramapithecus & Hexaprotodon sivalensis, SG1141-4,	7.75
Nepal	2015	Earthquake Advice (1v): people cower below a table, SG1209,	0.95
Netherlands	2002	Industrial Heritage (10v shtlt): includes mining SG2251-60,	5.95
Netherlands Antilles*	1998	<u>MINERALS</u> (2v): Lazurite & Pyrites, SG1311-2, <b>Cat.£7.00</b>	3.75
Netherlands Antilles	1998	<u>MINERALS</u> (2v SG1311-2 above <b>on illustrated First Day Cover</b>	3.95
New Caledonia	1955	Nickel Ore Train & transporter (1v): SG339,	5.70
New Caledonia	1967	<u>MINERAL</u> (1v): Garnierite, Jules Garnier + works, SG437	8.50
New Caledonia	1983	<u>2nd MINERALS</u> (2v): Gypsum, Opal, SG688-9, <b>Cat.£5.00</b>	2.90
New Caledonia*	1999	Megalodon fossil tooth (1v): SG1169	1.60
New Caledonia	2010	Nickel Exploitation (3v): ship, open cast mine, furnace, SG1515-7,	4.25
New Caledonia	2012	120 <sup>th</sup> Anniv. Japanese Immigration (3v shtlt) MS1557: rails, miners,	5.90
New Zealand	1982	<u>MINERALS (6v)</u> : Agate, Nephrite, Pyrites, Amethyst, Carnelian, SG1277-82	1.50
New Zealand	1989	2nd Heritage (6v one is Gold Prospector), SG1505-10,	3.95
New Zealand	1992	Glaciers (6v): Franz Josef, Brewster, Tasman, Snowball, SG1675-80,	3.30
New Zealand	2003	50 <sup>th</sup> Anniv. of Ascent of Everest (2v) SG2616-7	0.75
New Zealand	2003	50 <sup>th</sup> Anniv. Everest (10v sheetlet of 5 sets of SG2616-7) map border	3.75
New Zealand	2006	Gold Rush (5v shtlt) MS2904: panning, prospecting scenes, shanty town	5.80
Niger	2002	<u>MINERALS</u> & Meteorites (3v shtlt): Bouvante achondrite, Iron meteorite & P. Pallas (from the asteroid), <b>Scott#1086</b>	5.90
Niger	2013	<u>MINERALS</u> (4v shtlt): Gold, Silver, Diamond & Tin, <b>Michel#2257-60</b>	11.30
Niger	2013	<u>MINERALS</u> SS: Rock Crystal NaCl souvenir sheet <b>Michel#2261</b>	10.50

Niger	2013	<u>MINERALS/Volcanoes</u> (4v shtlt): Hemimorphite, Calcite, Vanadinite, Red Calcite, Redoubt Alaska, Chaiten Chile, <b>Scott#1243, Michel#2273-6</b>	9.90
Niger	2013	<u>MINERALS/Volcano SS: Etna &amp; Pyrite souvenir sheet</u> <b>Scott#1266, Mi#2277</b>	7.95
Niger	2013	<u>MINERALS</u> (4v shtlt): Jasper, Smokey Quartz, Malachite, Amethyst, <b>Mi#2525-8,</b>	12.70
Niger	2013	<u>MINERALS</u> SS: Chalcedony souvenir sheet <b>Michel#2529</b>	10.80
Niger	2014	<u>MINERALS/Vol.</u> (4v shtlt): Agate, Amazonite, Quartz, Amethyst, <b>Michel#3002-5</b>	12.40
Niger	2014	<u>MINERALS/Volcano SS: Stromboli &amp; quartz souvenir sheet</u> <b>Michel#3006</b>	11.30
Niger	2015	<u>MINERALS</u> (4v shtlt): Muscovite, Sodalite, Sphaler-, Marcasite, <b>Michel#3390-3</b>	11.50
Niger	2015	<u>MINERALS</u> SS: Peridot (Mg.Fe) <sub>2</sub> SiO <sub>4</sub> souvenir sheet <b>Michel#3394</b>	9.95
Niger	2015	<u>MINERALS</u> SS: Legrandite souvenir sheet <b>Michel#3593</b>	10.90
Niger	2015	<u>MINERALS</u> (4v shtlt): Autunite Ca(UO <sub>2</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> ·10-12H <sub>2</sub> O, Andradite, Euclase,	12.95
Niger	2015	<u>MINERALS</u> SS: Cavansite & Ruby souvenir sheet	11.90
Niger	2016	<u>MINERALS</u> (4v shtlt): Copper sulfate CuSO <sub>4</sub> , Amethyst, Aragonite, Malachite	10.80
Niger	2016	<u>MINERALS</u> SS: Dioptase souvenir sheet	8.95
Niger	2016	<u>MINERALS</u> (4v shtlt): Quartz, Jasper, Jade, Agate,	12.95
<u>Nigeria</u>	1953	2d. Tin Panning (1v): <b>fine used</b> only,	0.20
Nigeria	1986	Stone Quarry (1v): N1.00 definitive value SG524	0.60
Nigeria	1990	30th Anniv.of OPEC & the Petroleum Industry (4v) SG595-8	0.30
Nigeria	2000	Independence (5v; one has liquified gas plant, SG764-8,	2.50
Norway*	1994	Eko Fisk Oil Platform etc. (8v booklet) others irrelevant	6.35
Norway*	1998	<u>MINERALS</u> (2v): Silver & Cobaltite, SG1316-7	1.50
Norway	1998	<u>MINERALS</u> SG1316-7 <b>on illustrated First Day Cover,</b>	2.50
Norway	1998	<u>MINERALS</u> (2v): Silver & Cobaltite, SG1316-7 in <b>Presentation Pack</b>	2.75
Norway	1999	Mining (1v): medieval mine in operation, SG1344,	2.70
Pakistan	1999	Mountain Range (1v): SG1069,	0.40
Pakistan	2003	Nangaparabat mountain (1 value) SG1196	0.50
Pakistan	2003	Exports (20v shtlt; has one featuring Granite and Marble, SG1198-17	4.75
Pakistan	2008	3rd Ann. Of Earthquake (1v): "Walking on together Building back Better", women working to rebuild, SG1359,	0.70
Pakistan	2012	<u>MINERALS</u> (4v): Emeralds, Sapphire, Peridot, Ruby, SG1429-32,	2.50
Pakistan	2014	<u>MINERALS &amp; POLISHED STONES</u> (8v setenant): Apatite, Vesvaunite, Garnet, Aquamarine, Epidot, Sphene, Topaz, Black Tourmaline, SG1518-25	3.75
Pakistan	2014	<u>MINERALS</u> (16v shtlt): 2 x sets SG1518-25 above, Apatite, etc.,	7.50
Papua New Guinea	1990	Waterfalls (4v): Runi, Rouana, Ambua & Wawai Falls, SG611-4	2.75
Papua New Guinea	2009	Volcanoes (4v): Mt.Tavurvur, Vulcan, Bagana, Madang, SG1343-6,	8.20
Papua New Guinea	2009	Volcanoes(4v shtlt)MS1347: Mt.Tavurvur, Ulawun, different to above,	8.30
Papua New Guinea	2009	Volcanoes Tavurvur Rabaul MS1348: (different) souvenir sheet	6.30
Peru*	1999	50th Anniv. MilPo Mining Company (1v): miner, chisels, SG1986,	1.50
Peru*	1999	<u>MINERALS</u> & Fossil(3v): Galena, Tungsten/Calcium ore, fossil, SG2012-4,	5.95
Peru	1999	<u>MINERALS</u> & Fossil SG2012-4 <b>on illustrated First Day Cover,</b>	7.95
Peru	2000	Gold Mining Industry, Retamas S.A. (2v): open cast mine, SG2042-3,	2.50
Peru	2013	<u>MINERAL</u> (1v): Benavidesita, Pb <sub>4</sub> MnSb <sub>6</sub> S <sub>14</sub> , SG2848,	7.75
Philippines	1997	National Gem - South Sea Pearl (1v): SG2991,	0.50
Philippines	2003	Chamber of Commerce Beguet Mining Corporation (2v) SG3595,	0.75
Pitcairn	2011	Hotspots (4v+map label): volcano (+ ships L'Atalante, SG812-5	6.80
Poland	1999	80th Anniv.Founding of Mining/Metallurgical Academy <u>Postal Card</u> portrait of Prof.Hoborski 1st Pres.+ St.Barbara,	0.95

Poland	2000 Personalities (2v:one is geologist (oil)Joseph Zwierzycki,SG3836-7	2.50
Poland	2000 Personalities SG3836-7 <b>on two illustrated First Day Covers,</b>	3.75
Poland	2001 Euro Cuprum (3v): one has a furnace, SG3937-9,	3.30
Poland	2006 Coal Mining (1v): coal lump running with blood!, SG4255,	0.95
Poland	2009 Jan Czochralski(1v): 1885-1953 portrait, Geological search for petroleum beds, SG4384	1.80
Poland	2010 <b>MINERALS</b> (4v): Sphalerite,Chrysoprase,Agate,Gypsum,SG4431-4, <b>Cat.£13.00</b>	7.85
Poland	2013 <b>MINERALS</b> (4v): Malachite/Azurite, Halite, Marcasite, Gypsum, SG4554-7	7.70
Poland	2013 <b>MINERALS</b> (12v shtlt = 3 sets of above):Malachite/Azurite,3 x SG4554-7)	22.50
Poland	2015 Metallic Crystals(2v shtlt)MS4690:microstructure of Al-Bronze,ductile Fe,	4.95
Portugal	2009 Ch. Darwin(6v): fossil ammonite, (+ orchid, Platypus, finch, SG3643-8	7.20
Portugal	2014 Year of Crystallography (5v): structures of NaCl, Chalcopyrite CuFeS <sub>2</sub> also Haemoglobin, caffeine, maths,SG4178-82,	6.50
Portugal	2014 Crystallography MS4179: souvenir sheet	3.40
Qatar	2003 Jewellery from precious metals (6v): SG1128-33,	2.70
Qatar	2010 RasGas (3v shtlt)MS1230a: LNG Innauguration & "Liquefaction Train 6 " (oil drop shape!) globes & gas souvenir sheet	1.90
Qatar	2010 OPEC 50 <sup>th</sup> Anniv. (1v): "fuelling prosperity", SG1244	0.90
Qatar	2010 Celebrating 77m tones of L.N.Gas per annum (4SS): MS1251-4 refinery, storage, tanker, four souvenir sheets,	2.95
Romania	1995 Conservation value shows stalagmites (1v): SG5744 <b>was 2.95 on offer 1.95</b>	
Romania	2006 <b>MINERALS</b> (6v):Fluorite,Quartz,Agate,Sphalerite,Amethyst,SG6693-8,	3.85
Romania	2006 <b>MINERALS</b> (6v shtlt) MS6699: designs as above, Amethyst, Stibnite,	3.90
Romania	2006 <b>MINERALS</b> (4 PSE'S) 100 <sup>th</sup> Anniversary of Romanian Geological Institute 4 fabulous <b>MINERALS</b> PSE's: Marcasite,Pyrites,Amethyst,Orthoclase	4.50
Romania	2010 16thC. Brad-Barza Gold Mine wagon on rails (1 value): SG7089,	3.25
Romania	2011 Int. Year Chemistry (1v): Muller & Tellurium, SG7171	4.40
Ross Dependency	1996 Landscapes (6v;one Climbers on Crater Rim + ice formations,SG38-43,	5.40
Russia*	2000 <b>MINERALS</b> (4v): Geology - four different minerals, Charoite, Haematite, Rock crystals and gold, SG6946-9	1.25
Russia	2000 <b>MINERALS</b> (4v): SG6946-9 <b>on 2 illustrated First Day Covers,</b>	2.25
Russia	2000 20thC.(4th 12v shtlt): oil, metallurgy, mining, air, SG6964-76	3.30
Russia	2015 Norilsk nickel region (1v): (+ survey helicopter	2.75
Russia	2016 Lukoil (1v): nodding donkeys, oilman on rig opening valve	1.30
Sahara*	1998 <b>MINERALS</b> (6v): Platinum, Orpiment, Amethyst, Kyanite, Staurolite,	4.50
St.Helena	1983 Geological Features(4v) King/Queen Rocks, Turks Rock, SG407-10,	1.85
St.Helena*	2004 <b>MINERAL</b> Pitchblende UO <sub>2</sub> & Marie Curie (1v): SG918,	0.60
St.Helena*	2005 Rock Formations (4v): The Friar, Sugarloaf Hill, Turk's Cap & Lot's Wife - Basaltic lavas,Trachyandesite lava,Phonolitic dyke,SG935-8	4.35
St.Pierre et Miquelon	1997 Salt Industry (1v): cottage plus equipment, SG755,	0.75
Sao Tome e Principe	2006 <b>MINERALS</b> (4v shtlt):Spodumene,Kudzite,Opal,Barite, Calcite, ( 4 labels: Azurite,Muscovite, Vivianite,)Mi#2769-72	7.90
Sao Tome e Principe	2009 <b>MINERALS</b> /Naturalists (6v shtlt): Norman L.Bowen + Vulcanologist Haroun Tazieff 1914-98, (+ Darwin dinosaur) <b>Michel#3506-11</b>	9.70
Sao Tome e Principe	2009 Dinos/ <b>MINERALS</b> (5v shtlt): Sphalerite/Triceratops,Spessartine (Garnet),Pyromorphite,Hollandite/Vanadinite,Diophtase, <b>Mi#4103-6</b>	12.25
Sao Tome e Principe	2009 Alfred Wallace (4v shtlt):one red <b>MINERAL</b> (+ 4 dinos,)Mi#4130-33	9.85
Sao Tome e Principe	2011 <b>MINERALS</b> (2v shtlt): Aquamarine & Muscovite from China	9.20

Sao Tome e Principe	2013	<u>MINERALS</u> /Scouts (4v shtlt): Uraninite (Pitchblende UO <sub>2</sub> ), Emerald Be <sub>3</sub> Al <sub>2</sub> (SiO <sub>3</sub> ) <sub>6</sub> , Orpiment As <sub>2</sub> S <sub>3</sub> , Calcite CaCO <sub>3</sub> , <b>Mi#5166-9</b>	9.95
Sao Tome e Principe	2013	<u>MINERALS</u> /Scouts SS: Crocoite PbCrO <sub>4</sub> souvenir sheet <b>Michel#5170</b>	9.90
Sao Tome e Principe	2014	<u>MINS</u> (4v shtlt): Rhodochrosite, Hutchinsonite, Stilbite Torbernite, <b>Scott#2682</b> ,	11.20
Sao Tome e Principe	2014	<u>MINERALS</u> SS: Galena souvenir sheet, <b>Scott#2700</b>	11.25
Sao Tome e Principe	2014	<u>MINERALS</u> (4v shtlt): Spessartine (Mn <sub>3</sub> Al <sub>2</sub> (SiO <sub>4</sub> ) <sub>3</sub> , Boracite, Dioptase, <b>Scott#2770</b>	9.45
Sao Tome e Principe	2014	<u>MINERALS</u> SS: Amethyst souvenir sheet, <b>Scott#2790</b>	9.55
Sao Tome e Principe	2015	<u>MINERALS</u> (4v shtlt): Fluorite, Wulfenite, Cobaltosmithsonite, Rhodochrosite, <b>Scott#2894</b>	7.25
Sao Tome e Principe	2015	<u>MINERALS</u> SS: Emerald souvenir sheet <b>Scott#2912</b>	7.90
Sao Tome e Principe	2015	<u>MINERALS</u> (4v shtlt): Pruosite, Mimetite/Wulfenite, Metatorbenite Cu(UO <sub>2</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> .8H <sub>2</sub> O, <b>Scott#2973</b>	11.90
Sao Tome e Principe	2015	<u>MINERALS</u> SS: Pyrites souvenir sheet <b>Scott#2992</b>	9.50
Sao Tome e Principe	2016	<u>MINERALS</u> (4v shtlt): Azurite, Amazonite, Wulfonite, Barite	11.90
Sao Tome e Principe	2016	<u>MINERALS</u> SS: Amethyst souvenir sheet	9.45
Sao Tome e Principe	2016	<u>MINERALS</u> (4v shtlt): Limonite, Biotite, Calcite, Malachite	11.90
Sao Tome e Principe	2016	<u>MINERALS</u> SS: Gormanite souvenir sheet	9.50
St.Vincent	1995	Nature (8v shtlt): Mt. Kilimanjaro, Grand Canyon, Niagara F., SG3145-52,	5.90
St.Vincent	1995	Hakleakala crater MS3153: extinct volcano souvenir sheet	3.85
Saudi Arabia	2005	30 <sup>th</sup> Anniv. of O.P.E.C. Development Fund (1v): SG2147,	2.20
Serbia	2016	Geological Institute (1v): Jovan Zujovic, hammer,	1.50
Sierra Leone	1995	Rotary MS2334: border has Diamonds souvenir sheet,	2.70
Singapore	2004	Olympics (4v): four different rocks, SG1433-6	2.50
Slovakia	2004	Mining Water System (1v): mine shaft, SG446,	1.50
Slovakia	2006	Geology (2v shtlt MS486; Flabelipecten solarium, Basalt waterfall,	3.50
Slovakia	2013	<u>MINERALS</u> (2v): Opal & Quartz, SiO <sub>2</sub> .nH <sub>2</sub> O & SiO <sub>2</sub> +label, SG668-9,	3.90
Slovakia	2014	International Year of Crystallography (1v): SG679,	2.90
<b>Slovenia*</b>	1995	Fossil Shell (1v): Karavankina schellwieni, SG260,	0.97
Slovenia*	1997	<u>MINERAL</u> (1v): Wulfenite - plumbous molybdate, SG349,	1.10
Slovenia	1997	<u>MINERAL</u> (1v): Wulfenite SG349 on <b>illustrated First Day Cover</b> ,	2.40
Slovenia	1998	Boc Mountain (978m) (1v): plus Pasque Flower, SG382,	0.50
Slovenia	1999	Golica Mountain 1835m., (1v): plus narcissus, SG402,	0.45
Slovenia	1999	<u>MINERALS</u> (1v): Cinnabarite SG404 only on <b>illustrated First Day Cover</b> ,	1.95
Slovenia*	2000	Fossil in rock (1v): trilobite, SG444	1.50
Slovenia	2000	Trilobite fossil SG444 on <b>illustrated First Day Cover</b> ,	1.90
Slovenia*	2000	<u>MINERALS</u> (1v): Dravite, SG445,	0.85
Slovenia	2000	<u>MINERAL</u> SG445 as above but on <b>illustrated First Day Cover</b> ,	1.85
Slovenia	2001	<u>MINERALS</u> - Fluorite (2v) the stamps are stereoscopic and therefore to be viewed as a pair, (SG498 X 2)	2.20
Slovenia	2001	<u>MINERAL</u> (Fluorite SG498 X 2) on <b>illustrated First Day Cover</b> ,	2.85
Slovenia	2002	Fossil insect in rock - Muha dlakarica (1 value) SG564,	1.75
Slovenia	2004	Oligocene fossil fish (1v): SG617,	0.98
Slovenia	2004	Fossil fish SG617 in sheetlet of 10 stamps	9.80
Slovenia	2004	Miners' House (1v): SG627,	0.60
Slovenia*	2005	<u>MINERALS</u> (1v): Zoisite, SG660,	0.95
Slovenia*	2006	Middle Miocene Fossil snail shell (1v): Srednjemiocenski potz, SG705	0.96
Slovenia	2006	Fossil snail shell (10v sheetlet of 10 X above Srednjemiocenski p,)	9.60
Slovenia	2014	Crystallography (2v sheetlet) MS1104:	3.95

Solomons	1994	Volcanoes (4v); eruptions Kavachi 1977/1978, Cook Is.1967,SG812-5	1.70
Solomons	1994	Volcanoes MS816: souvenir sheet Pacific Trench maps & information	1.75
Solomons	2012	Volcanoes & <b>MINERALS</b> (4v shtlt): Mimetite/Wulfenite, Tsumcorite, Smithsonite, Ove & Kavachi Volcanoes, <b>Michel#1441-4,</b>	6.90
Solomons	2012	<b>MINERALS</b> /Volcanoes SS: Mimetite with Smithsonite, + <b>border</b> contains Anglesite, Calcite with Diopside, Smithsonite and Mimetite, + Tinakula volcano different souvenir sheet, <b>Michel#1445</b>	5.15
Solomons	2013	Fossil (+ dinos)(4v shtlt): Megapnosaurus, Ammonite, <b>Michel#1466-9</b>	5.75
Solomons	2013	Fossil (+ dinos)SS: Tyrannosuarus Rex souvenir sheet <b>Michel#1470</b>	6.95
Solomons	2013	<b>MINERALS</b> & Nelson Mandela (4v shtlt): Prehnite/Epidote Liddicoatite/Tourmaline, Quartz/Amethyst, <b>Michel#1831-4</b>	5.75
Solomons	2013	<b>MINERALS</b> & Nelson Mandela SS: Vanadinite souvenir sheet, <b>Michel#1835</b>	3.95
Solomons	2013	<b>MINERALS</b> (4v shtlt): Haematite, Sphalerite, Chalcotite, <b>Michel#2017-20</b>	5.75
Solomons	2013	<b>MINERALS</b> SS: Pyrite & Chalcotite souvenir sheet <b>Michel#2021,</b>	6.95
Solomons	2014	<b>MINERALS</b> (4v shtlt): Jasper, Fluorite/Barite, Rhodochrosite Aquamarine/Muscovite, <b>Michel#2692-5</b>	6.25
Solomons	2014	<b>MINERALS</b> SS: Andradite/Hedenbergite souvenir sheet, <b>Michel#2696</b>	7.70
Solomons	2015	<b>MINERALS</b> (4v shtlt): Calcite on Sphalerite, Chalcanthite, Rhodochrosite, Tourmaline, <b>Michel#3092-5,</b>	9.30
Solomons	2015	<b>MINERALS</b> SS: Smokey Quartz souvenir sheet <b>Michel#3096</b>	8.25
Solomons	2015	<b>MINERALS</b> (4v shtlt): Pyromorphite, Inesite, Pyromorphite, Rhodonite	11.20
Solomons	2015	<b>MINERALS</b> SS: Chalcopyrite souvenir sheet	8.95
Solomons	2015	<b>MINERALS</b> (4v shtlt): Smoky quartz & Agardite, Citrine, Elbait	6.90
Solomons	2015	<b>MINERALS</b> SS: Fluorite souvenir sheet	8.40
Somali Rep.	1997	<b>MINERALS</b> SS: Rhyolite souvenir sheet,	1.95
Somali Rep.	2000	<b>MINERALS</b> (9v shtlt): nine different minerals,	7.30
South Africa	1978	Volschenk Paintings (4v): Vledt & Mountains, SG444-7,	1.25
South Africa	1980	World Diamond Congresses (2v): Cullinan I and II, SG477-8,	1.10
South Africa	1984	<b>MINERALS</b> 4v): Manganese, Chromium, Vanadium, Titanium, SG558-61,	1.95
South Africa	1986	Rock Formations (4v): Gordon's Rock Paarlberg, The Column Drakensberg, Maltese Cross Sederbege, SG608-11,	1.75
South Africa	1995	Cape Town Univ.Geology Dept. <b>Cent.date stamp cover</b>	0.97
South Africa	1996	U.S.Geology Department Matieland <b>Cent. date stamp cover,</b>	1.50
South Africa	2004	Legacy of the Slaves (6v shtlt; one Chinese Mine Workers,SG1476-81	2.90
South Africa	2010	Gemstones (4v shtlt)MS1727:Rhodochrosite, Garnet, Sugilite, Jasper, 5.95	
South Africa	2012	Vredefort Dome meteors (5v strip): SG1981-5	4.90
South Africa	2016	35 <sup>th</sup> Geology Congress (10v shtlt): fossils, Karoo Supergroup, Cross-section Barberstone & Grqueland West Supergroups, Kimberlite Volcanic pipe, Bushveldt igneous complex, SG2216-25,reorder	
<b>South West Af.</b>	1981	Salt Industry (4v): Salt Pan, Dumping & Washing, SG386-9,	1.15
South West Af.	1983	Diamonds Discovery (4v): Digging, Oppenheimer, Stauch, SG411-4,	1.50
Spain	1995	<b>MINERALS</b> (3v):Dolomite,Aragonite,Mineral Museum,SG3314-6, <b>was £1.10</b>	<b>0.75</b>
Spain	1999	150th Anniv. Tech.Institute of "Geominera" (1v): map, SG3587,	1.70
Spain	2003	1971-2003 Geology & Mining MS4008: stylised lava flow souv./sheet	0.95
Spain	2012	Geology (2v): Palaeontology, Geology, SG4714-5,	1.90
Spain	2014	Collectables booklet (8v shtlt; Minerals, (+ coins, stamps,SG4832-9	6.25
Spain	2014	International Flamenco (2v shtlt): mining wagon, (+ guitar,	7.50
Sri Lanka	1988	Waterfalls (4v): Rawana, Laxapana, Dunhinda, SG1071-4,	0.75
Sri Lanka	1994	I.L.O. Anniv. (1v): statue of a miner with a pickaxe, SG1264,	0.50
Sri Lanka*	2003	<b>MINERAL</b> (1v): Blue Sapphire R4.50 value, SG1677	0.45
Sri Lanka*	2003	Waterfalls (4v): Devon, Ramboda, Saint Clair, Bopath Ella,SG1680-3,	2.75
Sri Lanka*	2004	<b>MINERAL</b> (1v): Blue Sapphire R5.00 value, SG1677a,	0.50
Sri Lanka	2012	Oil Refinery (1v): SG2143,	0.65
Sri Lanka	2015	Gems/Minerals (4v):Blue Sapphire, Star Sapphire, Catseye, Padpardsha,	4.50
Sri Lanka	2015	Gems/Minerals (4v shtlt)MS2319:Blue & Star Sapphires, Catseye,	5.50



Surinam	1995 Waterfall (1 value): SG1645, <u>Cat.£16.00</u>	6.95
Surinam	1997 State Oil Industry (4v booklet): refinery, rig, etc. SG1734-7, <u>Cat.£8</u>	3.90
Surinam	1997 State Oil SG1734-7 on <b>illustrated First Day Cover</b> ,	4.70
Sweden	2004 Mining Town (4v) SG2318-21,	3.95
Switzerland	2002 <u>MINERALS</u> (2v): Rock Crystal = <b>Quartz</b> , & Titanite, SG1522 & 1525,	7.95
Switzerland	2002 <u>MINERALS</u> (2v; Quartz & Titanite SG1522-3 on <b>TWO illustrated FDC's</b> )	8.95
Switzerland	2003 <u>MINERALS</u> (2v): Green Fluorite & Rutile Quartz, SG1523-4	6.95
Switzerland	2004 Monte San Giorgio dinosaur fossil (1v): SG1618,	1.25
Switzerland	2004 Monte fossil SG1618 on <b>illustrated First Day Cover with fossil pmk</b>	2.50
Switzerland	2004 Monte San Giorgio fossil (6v sheetlet): six copies of SG1618	7.50
Switzerland	2014 <u>MINERALS</u> Year of Crystallography (2v): Epidote & Amethyst, SG2004-5,	3.20
Syria	1993 Oil Drilling Rig (1 value): SG1866,	1.50
Syria	1997 1st May Building the Oil Pipeline (1 value): SG1980,	1.25
Taiwan	2015 Prehistoric Artefacts - Jade (4v): SG3914-7	3.30
Taiwan	2017 Scenes (4v shtlt): salt pans, (+ temples, etc.)	3.90
Tajikistan	1998 <u>MINERALS</u> (6v+2 minerals labels): Topaz, Ruby, Tourmaline, Amethyst, Sapphire, Antimonite, Spinel, Lapis Lazuli, SG130-5	4.95
Tajikistan	1998 <u>MINERALS</u> MS136: Agate souvenir sheet,	3.90
Tajikistan	1998 <u>MINERALS</u> (6v+SS) SG130-5+MS136 on <b>3 illustrated First Day Covers</b> ,	12.95
Tanzania	1985 S.A.D.C.C. (4v; one is Mining for diamonds, SG415-8,	5.50
Tanzania	1986 <u>MINERALS</u> (4v): Tanzanite, Diamonds, Sapphire, Pearls, SG469-72, <u>Cat.£11</u>	5.95
Tanzania	2002 Independence (6v; one contains several <u>minerals</u> , SG2301-6,	4.75
Tanzania	2004 <u>MINERALS</u> & Mining (4v): Gemstones, miners at Williamson diamond mine Small scale gold mining, miners drilling, SG2416-9,	3.95
Tanzania	2004 <u>MINERALS</u> & Mining (4v shtlt) MS2421: designs as above,	4.80
Tchad*	<b>1998</b> Diamond & Nelson Mandela (1 value): <b>Scott#717</b>	1.25
Tchad	1998 Diamond souvenir sheet design as above, <b>Scott#717 but souv.sheet</b>	8.50
Tchad	<b>1999</b> Prehistory (6v shtlt): Fossils - harlania enigmatica, spirophyton, Dino prints dunes of Djourab, Cave Paintings at Borkou, <b>Scott#792</b>	3.50
Tchad	1999 <u>MINERALS</u> (6v+SS; <b>Scott#839-45</b> on <b>two illustrated First Day Covers</b> ,	13.50
Tchad	2001 Fossils (4v shtlt): Archaecopteryx lithographica, Coosella cambr., Stenosaurus bollensis, Keitchousaurus, Rhamphorhynchus, <b>Scott#930</b>	3.50
Tchad	2001 Meteorites (8v = 2 shtlts of 4v): Iron "Pallasites", Chondrites, Iron mesosiderites, Ben gubbinites, Howardites, SNC, <b>Scott#932/935</b>	8.95
Tchad	2004 Nobel Prize (2SS): two large Minerals on souvenir sheets,	16.50
Thailand	1990 12th Anniv.of Petroleum Authority of Thailand (1v): SG1495,	0.45
Thailand	<b>2001 Gemstones</b> (4v): Blue Sapphire, Green Sapphire, Pearl, Diamond, SG2270-3,	1.20
Thailand	2001 Gemstones (4v shtlt) MS2274: Green & Blue Sapphire, designs as above	1.70
Thailand	2001 Gemstones (4v SG2270-3 on <b>illustrated First Day Cover</b> ,	2.50
Togolaise	1997 <u>MINERALS</u> (6v shtlt): Rubies, Uranite, Diamond, Halite, <b>Scott#1826</b>	9.90
Togolaise	<b>1999 MINERALS</b> (6v): Calcite, Turquoise, Tourmaline, Pyrites, <b>Sc#1856-61</b>	4.50
Togolaise	1999 <u>MINERALS</u> <b>Scott#1861A</b> : Beryl souvenir sheet,	2.70
Togolaise	1999 <u>MINERALS</u> (6v): Beryl souvenir sheet on <b>illustrated First Day Cover</b> ,	5.50
Togolaise	1999 <u>MINERALS</u> <b>Scott#1861A</b> : Beryl s/sheet on <b>illustrated First Day Cover</b> ,	3.70
Togolaise	2011 Oil Spills (4v shtlt): Clean-up operation, platform, (+seabird, <b>Mi#3859-62</b>	10.90
Togolaise	2011 Volcanoes (4v shtlt): Etna, Krakatoa, Tungurahua, Doinya Lengai, <b>Mi#3809-12</b> ,	10.90
Togolaise	2011 Orchids & Volcanoes SS: souvenir sheet <b>Michel#3813</b>	10.95
Togolaise	2011 Mandela <u>MINERALS</u> (4v shtlt): Vanadinite, Spinelle, Grossularite, Haematite, <b>Michel#3974-7</b>	9.70
Togolaise	2011 Mandela- <u>MINERALS</u> SS: Amethyst-Quartz souvenir sheet <b>Michel#3978</b>	9.75

Togolaise	2011	Berthier - <b>MINERALS</b> (4v shtlt): Vanadinite, Spinnelle Haematite, Andradite "Grossulaire", <b>Michel#4019-22</b>	9.80
Togolaise	2011	Berthier - <b>MINERALS</b> SS: Haematite souvenir sheet, <b>Michel#4023</b>	9.85
Togolaise	2012	Rift Valley(4v shtlt): <b>Tanzanite, Spessartite</b> , (+mammals, <b>Michel#4193-6</b>	9.80
Togolaise	2012	<b>MINERALS</b> (4v shtlt): Scorodite/beudantite, Azurite/copper, Cerussite/Linarite, Cobaltian Smithsonite, <b>Michel#4398-01</b>	9.45
Togolaise	2012	<b>MINERALS</b> SS: Aragonite Tarnowitzite souvenir sheet <b>Michel#4402</b>	9.40
Togolaise	2012	<b>MINERALS</b> (+ Scouts/Birds) (4v shtlt): <b>Malachite, Quartz</b> , (+ birds Red-winged Pytilia, Green-backed Twinspot), <b>Michel#4443-6</b> ,	9.25
Togolaise	2014	<b>MINERALS</b> (4v shtlt): Azurite, Dioptase bayldonite, Sphalerite, <b>Mi#5986-9</b>	9.90
Togolaise	2014	<b>MINERALS</b> SS: Fluorapatite souvenir sheet, <b>Michel#5990</b>	8.80
Togolaise	2015	<b>MINERALS</b> (4v shtlt) Disthene, Aragonite, Tanzanite, Apatite Yellow, <b>Mi#6515-8</b> ,	10.80
Togolaise	2015	<b>MINERALS</b> SS: Tanzanite/Prehnite souvenir sheet <b>Michel#6519</b>	9.20
Togolaise	2015	<b>MIN</b> (4v shtlt): Azurite/Malachite, Dioptase, Fluorite, Nahcolite <b>Mi#6740-3</b>	14.30
Togolaise	2015	<b>MINERALS</b> SS: Aventurine souvenir sheet <b>Michel#6744</b>	11.20
Togolaise	2015	Minerals(4v shtlt): Azurite, Dioptase, Tourmaline Fluorite, Malachite, Quartz, <b>Yvert#4774-7</b>	14.50
Togolaise	2015	Minerals SS: Alamandin, Ruby, <b>Yvert#1056</b>	11.75
Togolaise	2015	Baden-Powell (4v shtlt): Amethyst, (+ Scouts & tree, fungi), <b>Yv#4862-5</b>	13.25
Togolaise	2016	Minerals (4v shtlt): Prehnite balls with Black Tourmaline, Scheelite, Purple Fluorite + Dioptase,	12.95
Togolaise	2016	Minerals SS: Scorodite souvenir sheet	10.75
Togolaise	2016	Minerals (4v shtlt): Stichite, Serpentine, Chalcantite, Rhodochrosite	12.80
Togolaise	2016	Minerals SS: Tourmaline (Kunzite/Langite border) souvenir sheet	12.50
Tonga	1995	Mountain MS1322: Beijing Exh. panorama of Mount Song souvenir sheet	1.70
Tonga	2002	Black Pearls (4v): SG1518-21,	3.50
Tonga	2002	Black Pearls (2v sheetlet MS1522; 2 values from above set + border,	2.30
Transkei	1980	Rock Formations (4v): Hole in the Wall, Citadel Archway, SG79-82,	0.95
Transkei	1989	Plant Fossils (4v): Ginkgo koningensis, Rissikia med. SG245-8	2.90
Trinidad	1988	Oil Field Workers Union (4v): O.W.T.U. Presidents SG741-4,	1.80
Tristan da Cunha	2011	Volcano 50 <sup>th</sup> Anniv. of Eruption (4v): ship, etc. SG1035-8,	5.15
Tristan da Cunha	2011	Volcano 50 <sup>th</sup> Anniv. of Eruption MS1039: S.S.Tjisajane souvenir ship	3.85
Tristan da Cunha	2012	2 <sup>nd</sup> issue Eruption(4v): survey team, Roy.Society, helicopter, SG1040-3	7.50
Tristan da Cunha	2012	Volcano 2 <sup>nd</sup> issue Anniv. of Eruption MS1044: Landing party s/sheet	3.90
Tristan da Cunha	2013	3 <sup>rd</sup> issue Eruption(4v): resettlement, ships, quay, SG1078-81	5.20
Tristan da Cunha	2013	3 <sup>rd</sup> issue Eruption MS1082: resettlement, beach, ships souvenir sheet,	3.85
Tristan da Cunha	2014	4 <sup>th</sup> Eruption(4v) HMMV Stirling Castle/Tristianana, Puma, Jaguar, SG1087-90	5.22
Tristan da Cunha	2014	Vol, cano 4 <sup>th</sup> Eruption issue MS1091: MV Bornholm souvenir sheet	3.87
Turkey	1999	Earthquake Victims (2v): rescuers, hand, flower, SG3400-1,	1.95
Turkey	2015	Gemstones (2v): Opal & Jet(?), on reorder arrival November?	
Turks	1995	Apollo Moon MS1295a: sample of Moon rock souvenir sheet,	3.20
Uganda	1995	Waterfalls (6v): Rwenzoris, Murchison, Bujagali & Sipi, SG1540-5,	4.40
Ukraine	2010	<b>MINERALS (6v shtlt): Syngenite</b> K <sub>2</sub> Ca(SO <sub>4</sub> ) <sub>2</sub> .H <sub>2</sub> O, Agate SiO <sub>2</sub> , Rhodonite (Mn, Mg, Fe, Ca, SiO <sub>4</sub> ), Labradorite (Ca[Al <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> ] - Na[AlSi <sub>3</sub> O <sub>8</sub> ]) Carpathite (hydrocarbon mineral & Amber (ditto) <b>Scott#813</b>	4.50
Ukraine	2013	Vladimir Vernadsky (1v): Mineralogist, 1863-1945, <b>Scott#911</b>	1.25
Ukraine	2013	Odessa Port (1v): gas terminal, ship & geology, <b>Scott#</b>	2.50
United Arab Emirates	2005	Aluminium Industry (3v): Dubai aluminium plant from air SG791-3,	3.90

United Arab Emirates	2010 Aluminium Industry (4v): stylized designs, symbols, SG1025-8,	4.75
United Arab Emirates	2010 Aluminium Industry (4v shtlt)MS1029: as above,	7.75
United Arab Emirates	2016 Oldest Pearl (1v)	2.25
United Arab Emirates	2016 Oldest Pearl SS: souvenir sheet:	7.25
U.S.A.*	1998 Klondike Gold Rush (1v): SG3475	0.50
Uruguay	2004 ANCAP Refinery (1v): SG2900,	1.75
Uruguay	2011 Int.Year of Chemistry MS3290: Agate, Amethyst & Quartz souvenir sheet, <b>Cat.£15.50</b>	3.90
Uruguay	2012 100 Years of Mining (1v): stylized crystals, miner, pickaxe,	1.60
Uzbekistan	25 <sup>th</sup> Anniv. Independence (8v shtlt):gas & petroleum complex,train,etc.	17.90
Vanuatu	1993 Yasur Volcano - Tanna Island definitive value (1v): SG642,	3.50
Vanuatu	1998 Volcanoes (5v): Yasur, Gaua, Lopevi, Ambae, Marum/Benbow, SG784-8	3.90
Vanuatu	2005 Volcano Post MS954: Mount Yasur volcano souvenir sheet,	2.70
Vanuatu	2010 Shanghai EXPO (4v): one is an erupting volcano, (+ Dugong, SG1066-9	6.90
Vanuatu	2010 Shanghai EXPO (4v shtlt)MS1070: Volcano etc., + map border, <b>Cat.£11</b>	6.95
Venda	1981 Lakes & Waterfalls (4v): Lake Fundudzi, Phiphidi Falls, SG42-5	0.80
Venezuela	2005 PDVSA (10v shtlt)MS3714a: petroleum & oil industry, Morichal rig, refinery Musca complex, Etc. <b>Catalogued value £45.00, on Special Offer,</b>	22.50
Venezuela	2006 OPEC (12v shtlt)MS3721:petroleum/oil industry,PDVSA Oil Refinery Qatar, UAE, Libya, Nigeria, <b>Catalogued value £48.00, on Special Offer,</b>	19.90
Vietnam	1993 Gemstones MS1831: Ruby & Sapphire souvenir sheet,	2.95
Vietnam	1993 Gemstones MS1831: on <b>illustrated First Day Cover</b> souvenir sheet,	4.50
Vietnam*	2001 Tan Huong Gemstones (2v): 1960g & 2160g Rubies, SG2403-4	1.35
Vietnam	2001 Tan Gemstones (2v): Rubies SG2403-4 on <b>illustrated First Day Cover,</b>	2.95
Virgin Is.	1998 Salt (2v): gathering in salt pond, Salt Island, SG1003 & SG1006	2.25
Yemen	2007 <b>MINERAL</b> (8v): different types of the Onyx; with leaves, SG366-73,	15.95
Yemen	2007 <b>MINERAL</b> Yemeni Onyx MS374: different souvenir sheet, <b>Scott#875</b>	4.95
Yugoslavia	1990 Dr.Bozo Milanovic Birth Centenary - Geologist (1v): SG2674	1.15
Yugoslavia	1999 Mining (4v): early mining, panning etc. SG3225-8, <b>Cat.£4.80</b>	2.25
Yugoslavia	1999 Mining (4v): on <b>two illustrated First Day Covers</b>	2.50
Yugoslavia	2001 <b>MINERALS (4v+label)</b> Calcite, Antimonite, Quartz, Galena, SG3317-20	2.20
Yugoslavia	2001 <b>MINERALS (20v sheetlet=5 X 4v+label above):</b> (SG3317-20 X 5), <b>Cat£21</b>	11.00
Yugoslavia	2001 <b>MINERALS (4v)</b> SG3317-20 on <b>illustrated First Day Covers</b>	3.70
Zaire	1983 <b>MINERALS (8v):</b> Cuprite, Cassiterite, Diopside, Malachite, Uranium - pitchblende, Quartz, Gold, Bornite, SG1144-51,	7.95
Zambia	1989 Pope's Visit 10K value features Zambesi at Victoria Falls <b>used</b>	1.15
Zambia	1992 Xmas(4v;one is 3 Wise Men carrying Gold(+ incense,myrrh),SG708-11,	3.50
Zambia	1992 Xmas MS712: as above 3 Wise Men + Gold(+ incense, myrrh) s/sheet,	3.95
Zambia	1993 Waterfalls (4v): Nkundalila, Chishimba, Lumangwe, Chipoma,SG717-20	2.95
Zimbabwe	1995 Mining Industry (6v): Open Cast, Underground Mining, Chrome & Gold Smelting, Mine Workers, Coal Mining, SG892-7	1.50
Zimbabwe*	1996 45ct definitive Mining (1v): teamwork at rock face, SG896a	0.75
Zimbabwe	1996 Scenes (4v: two rocks - Finger Rock at Morgenster, SG928-31	1.90
Zimbabwe*	1998 Fossils (4v): fossil fish & wood, Allosaurus footprint, and Maesospondylus (dinosaur claw), SG970-3, <b>Cat.£4.50,</b>	1.80
Zimbabwe	2000 Mining Industry (1v): Miner at face, SG1014	0.50
Zimbabwe	2002 <b>MINERALS (4v):</b> Agate,Aquamarine,Diamond,Emerald,SG1079-82, <b>Cat.£6.75</b>	2.95
Zimbabwe	2002 Minerals (4v): Agate etc. SG1079-82 on <b>illustrated First Day Cover,</b>	4.95

\*\*\*\*\*

**Gems, Minerals & Jewelry Study Unit: This Society produces a regular magazine with a very useful New Issue section as well as articles. It is now in full colour. Should you wish to join then please contact their Secretary/Treasurer; Gilberte Proteau on [gilberte.ferland@sympatico.ca](mailto:gilberte.ferland@sympatico.ca)**