

## **Minerals, Mining & Geology**

**PHILATELIC SUPPLIES (M.B.O'Neill) Updated 23.01.2022**

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- 1). All stamps are unmounted mint unless specified otherwise.  
Prices in Sterling Pounds **we aim to be HALF-CATALOGUE PRICE OR UNDER**
  - 2). Lists are updated about every month to include most recent stock movements and New Issues; they are therefore reasonably accurate stockwise 100% pricewise.  
This reduces the need for "credit notes" or refunds. Alternatives may be listed in case an item is out of stock. However, these popular lists are still best used as soon as possible.  
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**EXCHANGE RATES:** £1.00 Sterling = €1.16 (Euros cash, or VISA or credit cards)

- 9) Stanley Gibbons Catalogue Reference numbers are used to aid identification, S.G.No's.).  
A number of additional SG numbers **are added each month**. Our prices are also in Sterling, (£).  
Michel or Scott catalogue numbers are used for those countries where Gibbons is behind in listings.

**Recent arrivals** include: **Armenia, Austria, C.A.Rep., Croatia, T.A.A.F. (Fr.Ant. 1998+2022), G-Bissau, India, Indonesia, Japan, Kyrgystan, Liberia, Niger (2015), Poland, Portugal, Spain, Sri L., Tristan, Uruguay,** Australia, Azer., Djibouti, Guinea, Slovakia, Togo, Malawi (restocked).

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</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, Galena, Calcite, SG1401-4 <b>illustrated F.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
Angola	2019	<b>Minerals(4v):</b> Quartz,Gold,Kaolinite <b>Al<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>(OH)<sub>4</sub></b> Bayldonite <b>PbCu<sub>3</sub>(AsO<sub>4</sub>)<sub>2</sub>(OH)<sub>2</sub>,</b>	7.75
Antigua	1991	Middleton Colliery Loco "Prince Regent" 1812 2-2-2 (1v): SG1485,	2.50
Argentina	2007	Campo del Cielo Meteorite MS3254: massive iron/nickel meteorite!	4.95
Argentina	2014	Soberania energetica (Energy Sovereignty)MS3569: souvenir sheet, <b>Cat.£11.50</b>	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	2002	Copper Smelting (& beer making) (2v): SG510-11, <b>Cat. £8.00,</b>	2.90
Armenia	2017	Alexander Mantashian (1v): oil magnate,	2.95
Armenia	2018	Spitak Earthquake (1v)	2.50
Armenia	2022	Ignacy Luksiewicz SS: mining, pharmacist souvenir sheet	2.50
Aruba	17.12.2020	Trains & Wagons (4v): 0-4-0, mineral wagons,	11.50
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	2019	Welcome Stranger 66kg Gold Nugget (1v): SG5047,	1.70
Australia	2019	Murchison meteorite (1v): SG5130,	1.90
Australia	2020	Opalised <b>MINERALS (4v):</b> Tooth, Pine Cone, Moon Snail, Wood	6.50
Australia	2020	Opalised <b>MINERALS (4v miniature sheet):</b> Theropod Tooth designs as above	6.60
Australia	13.07.2021	Volcanic Past (4v): Wollumbin Mount Warning, Mount Elephant, Table Cape Tasmania, Lord Howe Island, SG5482-5,	6.80
Austria*	1999	150th Anniv. Geological Institute (1v): ammonites, SG2548, <b>Cat. £2.50</b>	0.95
Austria	2015	Joseph Helmuth & Ceramic Graphite Mine (1v): portrait, SG3335, <b>Cat. £3.50</b>	1.80
Austria	2020	<b>MINERAL Smaragd Emerald (1v)</b> (on reorder £5.80)	
Austria	01.07.2021	Smoky Quartz (1v):	6.25
Azerbaijan	1994	<b>MINERALS (4v):</b> Amethyst,Laumontite,Andratite,Epidot calc,SG152-5, <b>was 5.50</b>	<b>4.25</b>
Azerbaijan	1997	125 Years of the Oil Industry (2v shtlt): Oil platform, MS409, <b>Cat. £6.50</b>	3.25
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, <b>Cat. £10.50</b>	5.30
Azerbaijan	02.09.2020	Oil rig,- victory over Facism 75 <sup>th</sup> Anniv. (1v):	2.50
Bangladesh	1983	Bangladesh Gas Complex (1v): definitive value SG128,	0.40
Bangladesh	1993	Natural Beauty (4v): Madhabkunda Waterfall Piyain River, SG475-8, <b>Cat. £4.00</b>	2.75
Belarus	2005	G.Bogomolov (1v): Institute Director of Geology 1905-81, SG617,	0.60

Bolivia 2012 **MINERALS(4v)**: 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

Botswana\* 2001 Diamonds (4v): mining + various diamonds **SG940-3, Cat. £8.50** 5.75

Botswana 2008 Events (3v): Diamond Trading, one is Diamond Company HQ, SG1014-6, **Cat. £5** 3.25

Brasil 1999 Valley of the Dinosaurs (1v): fossil - footprint in rock, SG3013, **Cat. £2.75** 1.25

Brasil 2000 **MINERALS (3v shtlt)** MS3093: distribution map & Diamond, Aquamarine, Opal, Tourmaline, Imperial Topaz, Gold, "Brazilianita", **Cat. £10.00** 3.50

Brasil 2001 Topaz & Garnet (2v shtlt) MS3270: 5 different forms of orthorhombic, **Cat. £5.50** 1.95

Brasil 2001 Topaz & Garnet (2v sheetlet) MS3270: five different forms of orthorhombic, **also available now on illustrated First Day Cover,** 3.50

Brasil 2017 Fossil insects (2v): dragonfly & butterfly, SG3970-1, **Cat. £7.50** 4.75

Bulgaria 2013 Mining (1v): miner's lamp, SG4876, **Cat. £2.75** 1.70

Bulgaria 2016 **MINERAL** - Bonchev (1v): amethyst, SG5031, **Cat. £2.50** 1.75

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): **Scott#1130** 0.95

Central Af. Rep. 1996 Fossils SS: as above plus dinosaur in border souvenir sheet, **Scott#1130c** 1.15

Central Af. Rep. 1998 **MINERALS & Scouts (3v sheetlet)**: Tourmaline, Jasper, Madagascar Corundum, **Scott#1258 was £5.90 on Special Offer** 4.90

Central Af. Rep. 1998 **MINERALS (12v in 2 sheetlets)**: Haematite, Amber, silver, native iron, Opal, Rhodochrosite, Chalcopyrite, Malachite, **Scott#1261-2 was £17.50** 15.95

Central Af. Rep. 1998 **MINERALS SS**: Gypsum souvenir sheet, **Scott#1263 was £5.95 on Offer** 4.90

Central Af. Rep. 2013 **MINERALS (4v shtlt)**: Sphene CaTiSiO<sub>5</sub>, Tourmaline, Torbernite, Titanite, **Michel#4116-9** 10.90

Central Af. Rep. 2013 **MINERALS SS**: Lazulite ((Mg,Fe<sup>2+</sup>)Al<sub>2</sub>(PO<sub>4</sub>)<sub>2</sub>(OH)<sub>2</sub> souvenir sheet, **Mi#4120** 9.85

Central Af. Rep. 2014 **MINERALS (4v shtlt)**: Cuprite/Malachite, Amethyst, Azurite, **Mi#4805-8** 13.80

Central Af. Rep. 2014 **MINERALS** Mineral SS: Euclase souvenir sheet **Michel#4809** 10.40

Central Afr. Rep. 2015 **MINERALS (3v shtlt)**: Azurite, Wulfenite, Sphalerite, **Michel#5465-7** 11.25

Central Afr. Rep. 2015 **MINERALS SS**: Cuprite-Mimetite souvenir sheet, **Michel#5468** 9.90

Central Afr. Rep. 2015 **MINERALS & Volcanoes (4v shtlt)**: Gypsum, Amethyst, Etna Emerald, Mauna Loa Hawaii, **Michel#5820-3** 11.30

Central Afr. Rep. 2015 **MINERALS/Volcanoes SS**: Garnet, Shinmoe Peak souvenir sheet **Mi#5824** 9.90

Central Af Rep. 2016 **MINERALS (4v shtlt)**: Corundum, Epidote, Crocoite, Copper, **Michel#6620-3** 13.30

Central Af Rep. 2016 **MINERALS SS**: Brookite souvenir sheet, **Michel#6624,** 10.90

Central Af Rep. 2020 **MINERALS (4v shtlt)**: Haematite, Malachite, Lapis lazuli, 12.50

Central Af Rep. 2020 **MINERALS SS**: Dumortierite souvenir sheet 12.60

Central Af Rep. 2021 **MINERALS (8v shtlt)**: Alcantarillaite, Karibibite, Scheelite, Schneiderhodnite, Pharamcosiderite, Paralymplesite, Tooelite, Preisingerite 22.50

Central Af. Rep. 2021 **MINERALS** - Quartz (8v shtlt): Amethyst & Tourmaline, 12.50

Central Af.Rep.	2021 Huhnerkobel <b>MINERALS</b> (8v shtlt): Kingmountite, Strunsite, Whitmoreite, Jahnsite, Autunite, Columbite, Rockbridgeite, Laueite,	22.50
Chile	1976 Inca's Lake (1v): high in the Andes Mountains, SG775,	1.50
Chile	1995 Oil Production(4v): platforms, Concon refinery, SG1649-52, <b>Cat. £3.80</b>	1.95
Chile	2001 Copper Industry 30th Anniv. Nationalization (1v): SG1989, <b>Cat. £3.00</b>	1.30
China (P.R.)	1996 30th Int. Geology Congress Peking (1 value): SG4126, <b>Cat. £1.80</b>	0.75
China (P.R.)	1997 15th Int.Petroleum Industry Conference <b>Prestamped Envelope</b>	0.95
Comores	2010 <b>MINERALS/Meteorites</b> (4v shtlt): Lunar samples from Say al Uhaymir Oman & Calalong Creek Australia – identifications needed, <b>Michel#2622-5,</b>	8.35
Comores	2010 <b>MINERAL/Meteor</b> SS: Antarctic meteorite Gamme d'Alexandra la reine <b>Mi#2630</b>	12.35
Comores	2010 Fossils & Dinos (4v shtlt): Cuvier & Ammonite, Therizinosaur & T-Rex, Craspidites nodiger, Centrosaurus crane, Maclurite Triceratops, <b>Michel#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>	12.80
Comores	2011 <b>MINERALS II</b> SS: Benitoite, Neptunite, Calcite souvenir sheet <b>Michel#2952</b>	11.25
Croatia	2012 <b>MINERALS</b> (2v shtlt)MS1131: Roselite from Pakoselo Quarry, <b>Cat. £5.50</b>	3.75
Croatia	2014 <b>MINERALS</b> (2v shtlt)MS1222: Prehnite & Schist, <b>Cat. £8.75</b>	3.30
Croatia	2016 <b>MINERALS</b> (2v shtlt)MS1315: Rhyolite & Rock Salt, <b>Cat. £8.75</b>	3.90
Croatia	2018 <b>MINERALS</b> (2v shtlt)MS1401: Quartz & Augite, <b>Cat. £8.75</b>	5.90
Croatia	2020 <b>MINERALS</b> (2v shtlt)MS: The Hraschina Meteorite, Limestone	4.15
Croatia	02.12.2021 Salt joint issue Poland (2v): crystals & drying ponds,	2.20
Croatia	20.10.2022 <b>MINERALS &amp; Rocks</b> (2v shtlt)MS: Pyrites & Loess sediment,	4.25
Cuba	2012 Mining and Geology Day (1v): SG5754,	2.20
Cuba	2014 I.L.O. (1v): includes smelting (+ surgeons operating), SG5754,	1.80
Cuba	2017 25 <sup>th</sup> Anniv. Cuban Oil (1v): nodding donkey,	2.25
Cuba	2017 Oil refinery (4v): ships/tankers on all four stamps,	3.95
Czech Rep.*	1999 750th Anniv.Jihlava Mining Rights(1v): medieval scene, SG240, <b>Cat. £1.70</b>	0.75
Czech Rep.	1999 Barrande & Fossils (sheetlet of 2v + 2 labels) MS242: trilobites, <b>Cat. £9.25</b>	2.75
Czech Rep.	1999 Fossils – trilobites (2v sheetlet MS242 on <b>First Day Cover</b> ,	3.50
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, <b>Cat. £1.20</b>	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, <b>Cat. £6.25</b>	2.25
Czech Rep.	2011 Kaspar Maria von Sternbeck MS638: geologist, botany, <b>Cat. £11.00</b>	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), <b>Cat. £18.00</b>	7.75
Djibouti	2016 <b>MINERALS</b> (4v shtlt):Sulfur,Chalcanthite, Colemanite, Legrandite, <b>Mi#1019-22,</b>	12.95
Djibouti	2016 <b>MINERALS</b> SS: Galena souvenir sheet, <b>Michel#10123,</b>	11.75
Djibouti	2016 <b>MINERALS</b> (4v shtlt): Gadolinite, Chalcanthite, Fluorite, Legrandite <b>cott#1038</b>	12.90
Djibouti	2016 <b>MINERALS</b> SS: Cassiterite souvenir sheet <b>Scott#1057</b>	11.70
Djibouti	2021 <b>MINERALS</b> (4v shtlt): Apatite, Amethyst, Cornaline, Calcite,	12.50
Djibouti	2021 <b>MINERALS</b> of Bou-Azzer(8v shtlt):Spherocobaltite,Erythrite,Gersdorffite,Talmessite, Xanthoconite, Roselite, Karibibite, all from Draa-Tafilalet Region Morocco, <b>Sc#2441,</b>	22.50
Ecuador	2010 50 years of OPEC (1v): tanker, SG3196,	1.75

Ecuador	2016 Geodesica 3 <sup>rd</sup> French Mission (2v): Volcano Chimborazo, globe, SG3655-6,	1.60
Ecuador	2016 Oil (1v): nodding donkey, SG3658	1.75
Ecuador	2017 Tourism (4v): Chimborazo Volcano, San Raphael waterfall, (+ train,S G3714-8, <b>Catalogued £90.00</b>	35.50
Egypt	1994 Egypt Sedimentology Society Congress (1v): SG1902, <b>Cat. £0.90</b>	0.35
Egypt	1994 5th Arab Energy Conference (1v): Oil Well etc. SG1911, <b>Cat. £0.90</b>	0.40
Egypt	2005 Natural Gas Pipeline (1v) SG2385, <b>Cat. £2.00</b>	0.60
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, <b>Cat. £13.00</b>	6.75
Falklands	1999 Gold Rush (4v): Gold rocking cradle, panning, ship below, SG854-7, <b>Cat. £18.00</b>	5.95
Falklands	1999 Gold Rush MS858: ship - "Vicar of Bray" souvenir sheet, <b>Cat. £12.00</b>	3.85
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, <b>Cat. £7.00</b>	4.50
Fiji	1991 Environmental Protection (4v): Sand Dunes Island Rocky Outcrop, Boulders in the Sea etc. SG823-6, <b>Cat.£7.75</b>	3.25
France	2011 Departement Reunion (10v booklet): volcano, (+ Stonechat, scenery)	16.50
France	2016 200 <sup>th</sup> Anniv.National Mining School (1v): microscope, lamp, SG5997, <b>Cat. £4.75</b>	3.25
France	2016 Jewellery (1v): emeralds, SG6078, <b>Cat. £5.50</b>	2.75
Fr.Antarctic*	1998 <b>MINERAL (1v)</b> : Rock Crystal, SG369, <b>Cat. £3.50</b>	1.70
Fr.Antarctic*	1999 <b>MINERAL (1v)</b> : Epidote (an Aluminium & Calcium Silicate), SG393, <b>Cat. £2.50</b>	1.20
Fr.Antarctic*	2000 <b>MINERAL (1v)</b> : Mica, SG419, <b>Cat. £2.75</b>	1.25
Fr.Antarctic*	2001 <b>MINERAL (1v)</b> : Magnetite, SG439, <b>Cat. £2.50</b>	1.35
Fr.Antarctic*	2003 <b>MINERAL (1v)</b> : Apatite, SG496, <b>Cat. £1.80</b>	0.75
Fr.Antarctic*	2004 <b>MINERAL (1v)</b> : Chalcedony, SG516, <b>Cat. £1.40</b>	0.70
Fr.Antarctic*	2005 <b>MINERAL (1v)</b> : Agate, SG530, <b>Cat. £1.50</b>	0.85
Fr.Antarctic*	2006 <b>MINERAL (1v)</b> : Rutile, SG559, <b>Cat. £1.50</b>	0.70
Fr.Antarctic*	2007 <b>MINERAL (1v)</b> : Corundum, SG571, <b>Cat. £1.60</b>	0.77
Fr.Antarctic*	2010 <b>MINERAL (1v)</b> : Tourmaline, SG622, <b>Cat. £2.75</b>	0.95
Fr.Antarctic*	2013 <b>MINERALS (2v)</b> : Haematite, SG685-6, <b>Cat. £8.75</b>	3.95
Fr.Antarctic*	2015 <b>MINERALS (2v)</b> : Beryl, crystals & polished gemstones, SG735-6, <b>Cat. £8.00</b>	2.30
Fr.Antarctic*	2015 Rail wagons (1v): MINERAL wagonettes with mined guano phosphate SG738	2.70
Fr.Antarctic*	2016 <b>MINERALS (2v)</b> : Sphene (Titanite) CaTiSiO <sub>5</sub> , SG771-2, <b>Cat. £8.00</b>	3.75
Fr.Antarctic*	2017 <b>MINERALS (2v)</b> : Pyroxene, SG797-8,	2.35
Fr.Antarctic	2019 <b>MINERALS (2v)</b> : Sapphires, SG865-6,	2.60
Fr.Antarctic	2021 <b>MINERALS (2v)</b> : Chalcedony (2v): natural state & cut stone,	2.50
Fr.Antarctic	2022 <b>MINERALS (2v)</b> : Serpentine,	2.20
Fr.Polynesia	2010 Phosphate Mining (3v): train, open cast, etc. SG1163-5, <b>Cat. £18.00</b>	7.50
Gambia	1991 Montmatre Quarry MS 1257b: Van Gogh "The Quarry" souvenir sheet, <b>Cat. £5.00</b>	3.75
Gambia	2003 Leo Schachter Diamond (1v): SG4525, <b>Cat. £4.00</b>	1.50
Gambia	2003 Leo Schachter Diamond MS4526: different value souvenir sheet <b>Cat. £14.00</b>	4.90
Gambia	2003 Diamond MS4533: Champagne Diamond souvenir sheet <b>Cat.£16</b>	8.90

Gambia	2003 <b>MINERALS</b> (6v shtlt): MS4541: Stilbite, Lapis Lazuli, Amethyst, <b>Cat. £24.00</b>	13.80
Gambia	2003 <b>MINERALS</b> (SS) MS4542: Quartz souvenir sheet <b>Cat. £14.00</b>	5.90
Georgia*	2003 <b>MINERALS(4v)</b> : Orpiment, Agate, Rock Crystal, Realgar+Orpiment, SG417-20	3.75
Georgia	2003 <b>MINERALS</b> (4v on illustrated First Day Cover) above SG417-20,	7.95
Germany	1968 1000 Years of Harz Mountains Mining (1v): PbS, ZnS, SG1452,	1.50
Germany	1996 Heritage Site (1v): Volklinger blast furnace SG2730,	1.05
Germany	1997 Gemstone Oberstein 500th Ann.Gem Region (1v):structure, SG2766, <b>Cat. £5.25</b>	2.50
Germany	1997 Gemstone Oberstein 500th Anniv.Gem Region (1v): <b><i>fine used</i> Cat. £5.00</b>	<b>1.20</b>
Germany	1998 Sandstone National Park (2v sheetlet) MS2860: Cliffs, <b>Cat. £7.00</b>	2.95
Germany	2006 Neanderthal Man Skull (1v): SG3433, <b>Cat. £10.50</b>	3.50
Germany	2011 Emil Wiechert (1v): geologist, seismologist, SG3746, <b>Cat. £5.25</b>	2.30
Germany	2012 Jewels (1v): Ruby <b><i>self-adhesive</i></b> value, SG3754 <b>Cat. £5.00</b> ,	2.25
Germany	2015 <b>MINERALS</b> - Fluorite 250 <sup>th</sup> Ann.Freiburg Mining School (1v):SG4020, <b>Cat. £4.50</b>	1.95
Ghana	1985 Exports (2v: two minerals - Gold & Bauxite, Cat.£7.50, SG1170-4, <b>Cat. £8.50</b>	5.75
Ghana	<b>1988</b> Revolution(4v;one mining ore truck,SG1230-3, <b>Cat. £28.00, Special Offer</b>	10.50
Ghana	2013 <b>MINERALS</b> – Agates (6v shtlt)MS3817: 6 different,	9.95
Ghana	2013 <b>MINERALS</b> MS3818: Amethyst souvenir sheet	5.75
Greenland	2009 Fossils (3v): Scaphites rosenkrantzi (nautilus), Mallotus villosus Schizoneura carcinoides (two ferns), SG568-70, <b>Cat. £19.00</b>	10.75
Greenland	2009 Cryolite (1v): crystals & location map, SG586,	0.75
Greenland	2012 Graphite Mines (2v): 1915-1924, SG674-5, <b>Cat. £9.70</b>	4.40
Greenland	2013 Coal Mining and Marble Quarry (2v): 38DKr & 49DKr., SG701-2, <b>Cat. £53.00</b>	22.50
Greenland	2014 Mining series V (1v): mining wagons, SG733, <b>Cat. £7.00</b>	3.40
Greenland	2017 W.W.II. (1v): cryolite wagons, railway & ship, SG828, <b>Cat. £26.00</b>	11.90
Grenada	2013 <b>MIN(6v shtlt)</b> : Azurite, Rhodonite, Ruby matrix, Barite, Sodalite, Chalcedony,	8.30
Grenada	2013 <b>MINERALS</b> 1 <sup>st</sup> (2v shtlt): Jade & Jasper,	5.50
Grenada	2013 <b>MINERALS</b> 2 <sup>nd</sup> (2v shtlt): Hornblende & dyed Howlite,	5.45
Grenada Gren.Carr.	2014 <b>MINERALS</b> (4v shtlt)MS4142: Stilbite, Tourmaline, Fluorapophyllite Garnet, Epidote $2Al_2(Fe_3^+;Al)(SiO_4)(Si_2O_7)O(OH)$ , Ruby	8.25
Grenada Gren.Carriacou	2014 <b>MINERALS</b> MS4144: Geotite & Malachite souvenir sheet	5.25
Grenada Gren.Carriacou	2014 <b>MINERALS</b> (4v shtlt)MS4143: Wulfenite, Hubnite, Mimetite, Calcite, Rose Mordenite, Cookeite,	8.20
Grenada Gren.Carriacou	2014 <b>MINERALS</b> MS4145: Pyromorphite & baryite souvenir sheet	5.20
Guinea-Bissau	2001 <b>MINERALS (9v shtlt)</b> : 9 diff. - central one is blue, <b>Michel#1534-42</b>	7.25
Guinea-Bissau	2001 <b>MINERALS (9v shtlt)</b> : 9 different minerals, mostly pink, <b>Michel#1543-51</b>	6.95
Guinea-Bissau	<b>2002 MINERALS SS</b> : Skuttududite/ Nelson Mandela souvenir sheet, <b>Michel#1982</b> ,	7.75
Guinea-Bissau	2005 <b>MINERALS</b> & Dinosaurs (6v shtlt): six different minerals, <b>Michel#3290-5</b>	9.90
Guinea-Bissau	2005 <b>MINERALS</b> & Dinosaurs SS: minerals souvenir sheet, <b>Michel#3296</b>	7.25
Guinea-Bissau	2009 <b>MINERALS</b> (6v shtlt)Schorl Beryl,Celestite,Orpiment,Dolomite, <b>Mic#4097-02</b>	11.90
Guinea-Bissau	2009 <b>MINERALS</b> SS: Elbaite,Chalcopyrite,Covellite,Lepidolite,s/sht <b>Michel#4103</b> ,	11.50

Guinea-Bissau	2010	<b>MINERALS</b> (2v shtlt):Malachite pseudo Azurite Planchete, <b>Michel#4991-2</b>	9.75
Guinea-Bissau	2011	<b>MINERALS</b> SS: Smoky Quartz souvenir sheet <b>Michel#5729</b>	13.90
Guinea-Bissau	2013	<b>MINERALS</b> SS: Mineralised ammonite souvenir sheet+Creedite, <b>Mi#6792</b>	9.25
Guinea-Bissau	2013	<b>MINERALS/Volc.S</b> (4v shtlt):Chalcopyrites + phantom calcite,Blue Azurite Rosy Pink Grossular Garnet,Amethyst sceptered crystal, <b>Michel#6882-5</b>	10.40
Guinea-Bissau	2013	<b>MINERAL + Volcano</b> SS: Bronze Br.Adradite souvenir sheet, <b>Michel#6886</b>	9.30
Guinea-Bissau	2014	<b>MINERALS</b> (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	<b>MINERALS</b> 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	<b>MINERALS</b> SS: Nadorite (PbSbO <sub>2</sub> Cl) souvenir sheet, <b>Michel#7370</b>	9.75
Guinea-Bissau	2015	<b>MINS</b> (4v shtlt)Malachite,Hemimorphite,Wulfenite,Amethyst, <b>Mi#7639-42</b>	9.95
Guinea-Bissau	2015	<b>MINERALS/Volcanoes</b> (4v shtlt): Labradorite Colima Mexico Pyrite & Pu'u O'o Hawaii,Amethyst Nyiragongo Congo, <b>Michel#7846-9</b>	11.60
Guinea-Bissau	2015	<b>MINERALS</b> SS: Bauxite souvenir sheet <b>Michel#7650</b>	9.80
Guinea-Bissau	2015	<b>MINERALS</b> (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	<b>MINERALS</b> SS: Wulfenite PbMoO <sub>4</sub> souvenir sheet <b>Michel#7623</b> ,	9.20
Guinea-Bis.	2016	<b>MINERALS</b> (5v shtlt): Chrysocolla,Pyrrhotite,Cornoline,Azurite,Malachite, <b>Yv#6690-4</b> ,	10.50
Guinea Bissau	2020	<b>MINERALS</b> (8v shtlt): Agardite, Tellurite, Jarosite, Miersite, Scorodite, Natropharmacocalumita, Cornwallite, Gold,	20.50
Guinea-Bissau	2021	<b>MINERALS</b> of the Clara Mine (8v shtlt): Adamaite, Cerrusite Farmacosiderite, Agardite, Scorodite, Clinoclase, Claraite, Barite,	22.50

Guinee	1998	<b>MINERALS (3v)</b> : Calcite, Wolframite, Spodumene, all three have face values 750fr & are on a green background, <b>Scott#1499 was £5.95</b>	<b>4.45</b>
Guinee	1998	<b>MINERALS (6v shtlt)</b> : 750fr designs as above with green background & sheetlet contains two sets = (2 x <b>Scott#1499</b> ), <b>was £11.90 Offer</b>	<b>8.90</b>

Guinee	1998	<b>MINERALS (3v shtlt)</b> :Calcite,Wolframite,Spodumene, all three have face values 750fr & are on a blue background <b>Scott#1500</b>	9.95
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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
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Guinee	2002	Meteorites (3v shtlt):Tatahouine,Gao-Guenie,Great Sand Sea, <b>Sc#2212</b>	6.75
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Guinee	2006	<b>"MINERALS &amp; Scouts"</b> (3v shtlt): Shergottite=Olivine/Pegeonite, (+ fungi on other two values), <b>Michel#4362-4</b>	10.50
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Guinee	2006	Shehrgoottite SS – "Minerals & Scouts" souvenir sheet, <b>Michel#4374</b>	7.90
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Guinee	2011	<b>MINERALS</b> (5v shtlt): Colemanite, Cassiterite, Chalcantite Emerald, + another mineral entitled "Colemanite", <b>Michel#8522-6</b> ,	14.95
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Guinee	2011	<b>MINERALS</b> (3v shtlt): 3 copies of Legrandite, <b>Michel#8532-4</b> ,	13.75
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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, Amethyst, 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> , Dickite Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>2</sub> , <b>Mi#8527-31</b>	14.90
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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>Mi#8535-7</b> ,	13.70
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Guinee	2013	<b>MINERALS</b> (3v shtlt):Violane var.Diopside),Gmelinite,Rhodochrosite, <b>Yv#6908-10</b>	11.50
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Guinee	2013	<b>MINERALS</b> SS: Amethyst & sulphur souvenir sheet, <b>Yvert#1566</b>	8.50
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Guinee	2014	<b>MINERALS</b> (3v shtlt): Agate, Tourmaline, Opal, <b>Michel#10,247-9</b>	11.30
Guinee	2014	<b>MINERALS</b> SS: Wulfenite souvenir sheet <b>Michel#10,250</b>	10.20
Guinee	2015	<b>MINERALS</b> (4v shtlt): Erythrite - $\text{Co}_3(\text{AsO}_4)_2 \cdot \text{H}_2\text{O}$ , Malachite $\text{Cu}_2\text{CO}_3(\text{OH})_2$ Crocoite $\text{PbCrO}_4$ , Cuproskłodowskite $\text{Cu}(\text{UO}_2)_2(\text{HSiO}_4)_2 \cdot 6(\text{H}_2\text{O})$ , <b>Michel#11,033-6</b>	9.20
Guinee	2015	<b>MINERALS</b> SS: Columbite-tantalite souven sheet <b>Michel#11,037</b>	8.30
<b>There are new Michel numbers for the following 4 items.</b>			
Guinee	2015	<b>MINERALS</b> (4v shtlt):Fluorite,Calcite,Amethyst, Vanadinite, <b>Michel#11,408-11</b>	10.45
Guinee	2015	<b>MINERALS</b> SS: Wulfenite $\text{PbMoO}_4$ souvenir sheet, <b>Michel#11,412</b>	10.50
Guinee	2016	<b>MINERALS</b> (4v shtlt): Cassiterite, Hubnerite, Limonite, Topaz, <b>Michel#11,656-9</b>	10.50
Guinee	2016	<b>MINERALS</b> SS: Chalcantite and Amethyst souvenir sheet, <b>Michel#11,660</b>	10.55
Guinee	2019	<b>MINERALS</b> (4v shtlt): Mimetite, Aragonite, Smokey Quartz, Aquamarine,	12.50
Guinee	2019	<b>MINERALS</b> SS: Barite souvenir sheet	12.60
Guinee Rep.	2020	<b>MINERALS</b> (8v shtlt): Annabergite (Lebanon), Devilline (Laurion) Fiedlerite, Linarite, Nealite, Phosgenite, Olivenite, Thoricosite, Minerals	22.50
Guinea Rep.	2021	<b>MINERALS</b> at Langban (Sweden) (8v shtlt): Aminoffite, Nadorite, Pyroaurite, Quenselite, Langbanite, Swedenborgite, Wickmanite, Paulmooreite,	22.75
Guyana	1996	Mars Meteorite showing fossil MS4814,	3.75
Guyana	2016	Bauxite Mining (4v shtlt):	6.95
Hong Kong	2001	Water Supply (16v;desalination plant ion symbols $\text{Mg}^{2+}$ , $\text{Cl}^-$ , (SG1053-6 X4) <b>Cat.£22</b>	9.00
Hong Kong	2002	<b>MINERALS</b> (4v shtlt)MS1118: Granite, Siltstone, Tuff, Conglomerate, <b>Cat.£10</b>	4.75
Hungary	1969	<b>MINERALS</b> & Fossils (8v): Greenockite Calcite Sphalerite, Quartz & Cuprite crystals, Copper Ore,Ammonite,Zelkova Leaf (fossil),placodonta etc.SG2463-70, <b>Cat.£10.50</b>	5.25
Hungary	2013	Calcite & Lamp Museum (2v): SG5401-2,	5.95
Hungary	2019	Mendeleev – periodic table (1v):	4.30
Hungary	2019	Geological Institute (1v):	2.40
Iceland*	1998	<b>MINERALS</b> (2v): Scolecite & Stilbite, SG904-5, <b>Cat.£4.30</b>	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, <b>Cat.£5.10</b>	1.80
Iceland	1999	<b>MINERALS</b> as above but SG933-4 <b>on illustrated First Day Cover,</b>	2.80
Iceland	2018	<b>MINERAL</b> Nature,Eggert Olafsson(1v):Zeolite,Gypsum + others, <b>Cat.£7.75</b> ,SG1548,	4.95
India	1977	Inter. Earthquake Conf.(1v): seismograph, crack in earth, SG838, <b>Cat.£2.00</b>	1.25
India	1980	Cent. of Kolar Gold Fields (1v): gold mining, SG990, <b>Cat.£2.00</b>	0.60
India	1982	25th Anniv. of Oil Exploration Sagar Samrat (1v): rig, SG1049, <b>Cat.£2.25</b>	0.50
India	1983	25th Anniv. Indian Mount Nanda Devi Expedition(1v): SG1096, <b>Cat.£2.75</b>	0.60
India	1984	Dr.Wadia (geologist), Himalayan Geology Institute (1v): SG1136, <b>Cat.£2.00</b>	0.70
India	1984	12th World Mining Congress (1v): Cat.£1.25, SG1139, <b>Cat.£2.00</b>	0.60
India	1984	Oil Conservation Year (1v): SG1214b, <b>Cat.£1.50</b>	0.45
India	1988	Himalayan Mountains (4v): Kanchenjunga, Nanda Devi, K2, SG1312-5, <b>Cat.£9</b>	3.50
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>Scott Cat.\$8.00, Cat.£5.00</b>	2.25
India*	2001	<b>MINERALS</b> Geology (1v): 4 different <b>MINERALS</b> 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 <b>Cat.£1.00</b>	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.£7.50</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
India	20.03.2022	36 <sup>th</sup> Int. Geological Congress (2v): Amethyst,	1.95



Indonesia	1993 Waterfall MS2114: Carik Kenangan waterfall souvenir sheet <b>Cat.£8.50</b>	2.95
Indonesia	1994 25th Anniv. of Geological Survey (1v): map, etc. SG2154, <b>Cat.£1.80</b>	0.80
Indonesia	1997 ASCOPE (4v): Oil Industry - terminal, ships, rig, SG2360-3, <b>Cat.£2.60</b>	0.95
Indonesia*	1997 <b>MINERALS 1st issue (3v)</b> : Jaspar, Chrysocolla, Geode, SG2312-4, <b>Cat.£3.80</b>	1.95
Indonesia	1997 <b>Minerals MS2315</b> : Banded Agate souvenir sheet, <b>was £4.95 Sp.Offer</b>	<b>3.95</b>
Indonesia	1997 <b>MINERALS (9v sheetlet) MS2316</b> : 3 sets plus minerals border, <b>Cat.£12.00</b>	5.50
Indonesia*	1998 <b>MINERALS 2nd issue (3v)</b> : Amethyst, Tectite, Chrysobal, SG2403-5,	0.95
Indonesia	1998 <b>Minerals SG2403-5 in sheets of 20 sets</b> : Amethyst, Tectite,	18.50
Indonesia	1998 <b>Minerals MS2406</b> : Petrified Wood souvenir sheet, <b>was £1.60, Cat.£2.40</b>	<b>1.35</b>
Indonesia	1998 <b>MINERALS MS2407 (9v sheetlet of 3 sets + superb minerals border,</b>	2.95
Indonesia	1998 <b>Minerals (3v SG2403-5 on illustrated First Day Cover,</b>	1.95
Indonesia	1998 <b>MINERALS sheets (8v shtlt + SS)MS2407a/b: both sheets contain, the scarce "Opal" value which does not exist in any other form...Scott1607+1607A.....Cat.£30.00</b>	12.95
Indonesia	1999 <b>MINERALS 3rd issue (3v)</b> :Blue Opal, Chrysoprase, Smokey Quartz,SG2529-31	2.50
Indonesia	1999 <b>MINERALS (3v): above on illustrated First Day Cover</b> SG2529-31	2.45
Indonesia	1999 <b>Minerals MS2532</b> : Calcified Coral souvenir sheet, <b>Cat.£3.25,</b>	1.60
Indonesia	1999 <b>MINERALS sheets (10v shtlt + SS): both sheets contain the scarce "Javan Jade" value which does not exist in any other form</b> <b>Cat.£24.00</b>	8.70
Indonesia	1999 <b>MINERALS sheets (10v shtlt + SS): as above, but in a Presentation folder;</b>	8.70
Indonesia	2000 <b>MINERALS 4th issue (3v)</b> :Chalcedony,Prehnite,Obsidian,SG2593-5 <b>Cat.£4.20</b>	1.40
Indonesia	2000 <b>MINERALS (3v): SG2593-5, Volcanic Obsidian etc illustrated First Day Cover</b>	2.40
Indonesia	2000 <b>Minerals MS2596</b> : Jasperized Limestone souvenir sheet <b>Cat.£6.25</b>	2.70
Indonesia	2000 <b>Minerals MS2596</b> : Limestone souvenir sheet <b>on illustrated First Day Cover + polished sample of actual mineral!!</b>	9.40
Indonesia	2000 <b>MINERALS sheets (10v shtlt + SS): both sheets contain the scarce, "Copper Jasper" value, which does not exist in any other form</b> <b>Cat.£31</b>	10.50
Indonesia	2000 <b>MINERALS sheets (10v shtlt + SS): above in Presentation folder; Cat.£31.00</b>	10.50
Indonesia	2001 <b>MINERALS 5th issue (3v)</b> :Malachite,Brecciated Jaspar,Rose Quartz,SG2750-2,	0.95
Indonesia	2001 <b>MINERALS 5th issue as above 3v: SG2750-2 on illustrated First Day Cover,</b>	1.95
Indonesia	2001 <b>Minerals MS2753</b> : Diamond souvenir sheet <b>Cat.£5.25</b>	1.70
Indonesia	2001 <b>MINERALS sheets (9v shtlt + label): 3 sets of SG2750-2,+ label, Cat.£7.50</b>	2.90
Indonesia	1997-2001 all Minerals mint issues 15v+3 shtlts+8SS <b>total £52.50 on offer</b>	42.95
Indonesia	28.02.2022 Mount Semeru Eruption (1v):	1.75
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, <b>Cat.£4.25</b>	1.75
Iran	1996 Oil Refinery, terminal & ship (5v strip): SG2890-4, <b>Cat.£11.50</b>	4.50
Iran	1997 Bandar Abbas Oil Refinery definitive (1v): processing plant, SG2925,	1.05
<b>Iraq</b>	1982 10th Anniv. Nationalization of the Oil Wells (4v): SG1530-3, <b>Cat.£6.00</b>	2.50
<b>Iraq*</b>	2001 30th Anniv. Oil Nationalisation (2v): oil rigs, refinery, <b>new numbers</b> SG2127-8	1.80
<b>Iraq*</b>	2018 Mineral Resources (3v): Phosphate, Sulfur & Silica sand,	5.75
Israel	1981 <b>MINERALS (3v)</b> : Elat Stone, Star Sapphire, Emerald, SG828-30,	1.95
Israel	<b>2001 Diamonds (3v shtlt): MS1550, Cat.£11.00</b>	3.75
Israel	2001 Diamonds (3v shtlt): MS1550 on <b>illustrated First Day Cover</b> <b>Cat.£9.75++</b>	4.25
Italy*	1996 13th Pre- & Protohistory Congress (1v): caveman, SG2387, <b>Cat.£2.50</b>	0.75
Italy*	1998 4th Int.Fossil Circle, Pergola 98(1v): Ammonite & Starfish, SG2497, <b>Cat.£2.30</b>	0.80
Italy	2008 Messina Earthquake 100 <sup>th</sup> Anniversary (1v): SG3180, <b>Cat.£3.25</b>	1.60
Italy	2018 50 <sup>th</sup> Ann. Belice (Sicily) 1968 Earthquake (1v): city & rubble,	2.80
Japan	2016 Tsunami Preparedness (1v): SG6465,	1.80
Japan	1999 ( <b>Ehime Prefecture</b> ) Bathhouse at Dogo Hot Springs (1v): SG5,	1.20
Japan	24.01.2022 <b>Minerals (20v = 2 x 10v shtlt)</b> : Red Beryl, Tanzanite, Tourmaline, Citrine, Mandarin Garnet, Rhochrosite, Fluorite, Aquamarine, Ruby Jadeite, Blue Sapphire, Perridot, Pink Spinel, Paraiba, all Minerals	28.90

Jersey	1994 Archaeological Disc.(4v):Mammoths,Early Man,Neolithic Tomb,SG655-8	2.30
Jordan	2005 <b>MINERALS</b> /Salts(4v shtlt)MS2077:crystals KCl, MgCl <sub>2</sub> , NaCl & Dead Sea view, <b>Cat.£8</b>	3.95
Kazakhstan*	1997 <b>MINERALS (4v)</b> : Chalcedony, Malachite, Moss Agate, Opal, SG183-6, <b>on Special Offer Cat.£9.00</b>	<b>2.25</b>
Kazakhstan	1997 <b>MINERALS (4v sheetlet) MS187</b> :Chalcedony, etc designs as above, <b>Cat.£8.50</b>	2.70
Kazakhstan*	2005 <b>MINERALS (2v)</b> Azurite and Agate, SG484-5, <b>Cat.£4.30</b>	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 <b>was £4.50</b>	<b>3.50</b>
N.Korea	1995 Fossils in sheetlet of 2 sets (4v): above designs, SG3516-7	6.95
N.Korea	1995 Fossils booklet (designs as above): (SG3516 X 3 SG3517 X 4)	10.75
N.Korea	<b>1998</b> Fossil skull & hand-axe from the Central Museum (2v): SGN3759-60	2.60
N.Korea	2002 <b>MINERALS (4v)</b> : Iron pyrites, Magnetite, Limestone, Galena,SG4245-8, <b>Cat.£7</b>	3.50
N.Korea	2002 <b>MINERALS (12v sheetlet)</b> : 3 sets of the above SG4245-8 + border, <b>Cat.£21.00</b>	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, <b>Cat.£11.00</b>	6.85
N.Korea	2007 Fossils <b>booklet</b> designs as above in sheetlet of 4v	6.90
N.Korea	<b>2013 Fossils (3v)</b> :Hormotoma (shell), + a fish labelled "Ditomopharangia" and a frog(?) entitled "Dumangia", SG5273-5,	5.90
N.Korea	2013 Fossils (6v shtlt = 2 x 3v above): Hormotoma (shell), etc.	11.80
N.Korea	2019 Fine Art (4v): only one miner, (+ science, harvest),	9.95
Kosovo	16.10.2019 Miners' Strike (1v): Mineral crystals,	5.75
Kyrgystan (K.P.)	2019 Mendeleev & Periodic Table (1v):	3.90
Kyrgystan (K.P.)	21.12.2019 <b>MINERALS (3v)</b> : Amethyst, Tourmaline, Zircon, SG759-61,	8.50
Latvia	2020 <b>MINERAL</b> Amber (1v)	6.50
Lebanon	2017 Sursok, Sarcophagus & Beirut Museums (3v):one aquamarine,SG1602-4, <b>Cat.£24</b>	16.50
Liberia	2013 <b>MINERALS (1<sup>st</sup> 3v shtlt)</b> : Aquamarine, Euclase BeAlSiO <sub>4</sub> (OH), Andradite,	7.30
Liberia	2013 <b>MINERALS (1<sup>st</sup> 2v shtlt)</b> : two different Agates,	6.75
Liberia	2013 <b>MINERALS (2<sup>nd</sup> 3v shtlt)</b> : Rhodochrosite, Opal, Tanzanite,	7.25
Liberia	2021 <b>Garnet group (5v shtlt)</b> : Tsavorite, Spessartine, Uvarovite, Hessonite, Grossular,	11.95
Liechtenstein	2004 St.Barbara patron saint of Miners (1v) SG1369, <b>Cat.£4.50</b>	2.50
Liechtenstein	2014 Crystallography (2v): crystals metamorphosis sequences 1 & 2, SG1695-6, <b>Cat.£11</b>	6.80
Lithuania	1999 Amber in the EUROPA issue (2v: one <b>MINERAL</b> ); SG699-700, <b>Cat.£3.60</b>	1.50
Lithuania	1999 Amber (2v: one <b>MINERAL</b> ); on <b>First Day Cover</b> was £1.95, on offer	1.60
Luxembourg	2000 Anniv. of Conversion to Natural Gas from Town Gas (1v) SG1535, <b>Cat.£3.50</b>	0.95
Luxembourg	2018 Mining – Station of rope Railway (1v): SG2167, <b>Cat.£5.25</b> ,	1.75
Macedonia	1997 <b>MINERALS (2v)</b> : Antimonite & a thallium arsenide TlAsS <sub>2</sub> , SG189-90, <b>Cat.£5.20</b>	3.70
Macedonia	2013 50 <sup>th</sup> Anniv.Skopje Earthquake (1v): damaged buildings railway station, SG807	5.95
Malagasy	1998(7) Meteorites SS: <b>various MINERALS</b> (of Martian origin), <b>Scott#1351</b>	5.95
Malagasy	1998 <b>MINERALS (2v sheetlet)</b> : Carnotite & Vanadinite, <b>Scott#1373</b>	8.95
Malagasy	1999 <b>MINERALS (4v shtlt)</b> : Rhodonite, Granite, Jasper, Morganite, <b>Scott#1468</b>	9.90

Malawi	2019 Gemstones (6v shtlt): Smokey Quartz, Kynite, Iolite, Malawi Ruby, Sunstone, Fire Quartz Cluster, SG1268-73,	22.50
Maldives	2016 <b>MINERALS</b> /Bflies (4v shtlt): Orpiment, Labradorite, Heterosite, Agate, <b>Mi#6414-7</b>	8.95
Maldives	2019 <b>MINERAL</b> of Hagendorf-Sud (8v shtlt): Cacoxenite, Scholzite, Pseudolaueite, Stewartite, Strengite, Switzerite, Torbernite	27.50
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
Mexico	1993 Xmas (2v: incl. 3 Wise Men's Gifts - <b>Gold</b> , Myrrh, Frankins, SG2147-8, <b>Cat.£4.80</b>	1.80
Mexico	1998 Oil Industry College (1v): rig at sea, SG2553, <b>Cat.£2.40</b>	1.50
Mexico	2004 <b>MINERALS</b> (1v): Amethyst Quartz, SG2826 only <b>on illustrated First Day Cover</b>	3.60
Mexico	2010 Amber Marimba (1 value): SG3191, <b>Cat.£6.50</b>	4.25
Mexico	2012 Oil Congress (2v): oil platforms, rigs, processing plants, SG3337-8, <b>Cat.£8.00</b>	3.95
Mexico	2013 75 <sup>th</sup> Anniv. Oil & Petroleum Exploration (1v): platform, SG3369, <b>Cat.£4.00</b>	1.90
Mexico	2014 Year of Crystallography (1v): organic molecule, + ice,	3.50
Mexico	2016 Oil & Petroleum (1v)	1.90
Moldova	2019 Periodic Table (1v):	4.90
Mongolia	2019 40 <sup>th</sup> Anniv. Erdenet Copper Mine SS: souvenir sheet with Train in the border,	24.90
Montserrat	1997 Volcanic Eruption 2 <sup>nd</sup> Anniv. (9v sheetlet): panoramic view, flora/fauna, only available <b>on illustrated First Day Cover</b> , SG1046-54	6.75
Montserrat	1998 Eclipse (4v): including volcanic eruption, lava flow, Souffriere SG1104-7, <b>Cat.£8</b>	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, <b>Cat.£4.30</b>	1.80
Morocco	2015 <b>MINERALS &amp; FOSSILS</b> (4v): Marellomorphe zagora, Stromatolite Tourharte, Tissint (Martian) meteorite, Aegirocassis benmoulae fossil, SG1430-3, <b>Cat.£11.20</b>	8.80
Mozambique	2012 Mary Anning (6v shtlt): fossils Dimorphodon macronyx, Ichthyosaurus Plesiosaurus dolichodeirus, 1799-1847, <b>Scott#2726, Michel#6083-6,</b>	13.50
Mozambique	2013 <b>MINERALS</b> (4v shtlt): Scapolite, Tourmaline, Beryl varieties, <b>Mi#6279-82</b>	11.30
Mozambique	2013 <b>MINERALS</b> SS: Tourmaline & Scapolite souvenir sheet <b>Michel#6283</b>	10.25
Mozambique	2013 <b>MINERALS/Volcanoes</b> (4v shtlt): Emerald, Popocatepetl, Beryl, Chrysoprase & Augustine, Topaz & Mount Bromo, <b>Michel#6637-40</b>	12.25
Mozambique	2013 <b>MINERALS</b> SS: Topaz & Puu Oo volcano souvenir sheet <b>Michel#6641</b>	9.90
Mozambique	2013 <b>MINERALS</b> (4v shtlt): Azurite, Amethyst, Garnet/Smokey Quartz, <b>Mi#6792-5</b>	9.85
Mozambique	2013 <b>MINERALS</b> SS: Aragonite souvenir sheet <b>Michel#6796</b>	9.25

Mozambique	2014 <b>MINERALS</b> (4v shtlt): Malachite, Amethyst, Pyrites, CuSO <sub>4</sub> <b>Michel#7540-3</b>	10.25
Mozambique	2014 <b>MINERALS</b> SS: Halite souvenir sheet <b>Michel#7544</b>	8.75
Mozambique	2016 <b>MINERALS</b> (4v shtlt): Volcanoes Galite, Aragonite, Stibnite, Chalcantite,	15.75
Mozambique	2016 <b>MINERALS</b> SS: Smoky Quartz souvenir sheet, <b>Michel#8293</b>	10.25
Myanmar*	1991 <b>MINERAL</b> (1v): Nawata Ruby in the Gem Emporium, <b>scarce</b> , SG323, <b>Cat.£2.75</b>	1.50
Namibia	2017 Diamond trains – diesel-elec. locos (4v): Bo-Bo KGB, (1A0) Benzol-Electric, Railcar No.3 Kolmanskop, SG1311-4,	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	<b>2000</b> Phosphate Mining (3v:mineral,locomotive,Ellis,power plant,SG510-2, <b>Cat.£5.00</b>	3.90
Nepal	2003 50 <sup>th</sup> Anniv. of 1 <sup>st</sup> Ascent of Everest (1 value) SG777, <b>Cat.£4.25</b>	1.50
Nepal	2003 Babu Chiri Sherpa (1v): mountain guide, SG778,	0.65
Nepal	2015 Earthquake Advice (1v): people cower below a table, SG1209,	0.95
Netherlands	2002 Industrial Heritage (10v shtlt): includes mining shaft, salt drilling, Schoonebeck nodding donkey oil, SG2251-60, <b>Cat.£18.00</b>	5.95
Netherlands Antilles*	1998 <b>MINERALS</b> (2v): Lazurite & Pyrites, SG1311-2, only available <b>on illustrated First Day Cover, Cat.£10.00++</b>	3.95
New Caledonia	1955 Nickel Ore Train & transporter (1v): SG339,	5.70
New Caledonia	1967 <b>MINERAL</b> (1v): Garnierite, Jules Garnier + works, SG437	8.50
New Caledonia	1983 <b>2nd MINERALS (2v)</b> : Gypsum, Opal, SG688-9, <b>Cat.£7.75</b>	3.50
New Caledonia*	1999 Megalodon fossil tooth (1v): SG1169, <b>Cat.£3.50</b>	1.60
New Caledonia	<b>2012</b> 120 <sup>th</sup> Anniv. Japanese Immigration (3v shtlt)MS1557: rails, miners, <b>Cat.£19</b>	8.95
New Caledonia	2020 Pilou Mining Chimney (1v)	18.50
New Zealand	1982 <b>MINERALS(6v)</b> : Agate,Nephrite,Pyrites,Amethyst,Carnelian, SG1277-82	1.50
New Zealand	1989 2nd Heritage (6v one is Gold Prospector), SG1505-10, <b>Cat.£5.00</b>	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, <b>Cat.£1.50</b>	0.75
New Zealand	2003 50 <sup>th</sup> Anniv. Everest (10v sheetlet of 5 sets of SG2616-7) map border, <b>Cat.£7.50</b>	3.75
New Zealand	2006 Gold Rush (5v shtlt)MS2904: panning,prospecting scenes, shanty town	5.80
New Zealand	2019 Sir Edmund Hilary (5v strip): mountains	7.90
Niger	2002 <b>MINERALS</b> & Meteorites (3v shtlt): Bouvante achondrite, Iron meteorite & P.Pallas (from the asteroid), <b>Scott#1086</b>	5.90
Niger	2013 <b>MINERALS</b> (4v shtlt): Gold, Silver, Diamond & Tin, <b>Michel#2257-60</b>	11.30
Niger	2013 <b>MINERALS</b> SS: Rock Crystal NaCl souvenir sheet <b>Michel#2261</b>	10.50

Niger	2013 <b>MINERALS/Volcanoes</b> (4v shtlt): Hemimorphite, Calcite, Vanadinite, Red Calcite, Redoubt Alaska, Chaiten Chile, <b>Scott#1243, Michel#2273-6</b>	9.90
Niger	2013 <b>MINERALS/Volcano SS: Etna &amp; Pyrite souvenir sheet</b> <b>Scott#1266, Mi#2277</b>	7.95
Niger	2013 <b>MINERALS</b> (4v shtlt): Jasper, Smokey Quartz, Malachite, Amethyst, <b>Mi#2525-8,</b>	12.70
Niger	2013 <b>MINERALS</b> SS: Chalcedony souvenir sheet <b>Michel#2529</b>	10.80
Niger	2014 <b>MINERALS/Vol.</b> (4v shtlt): Agate, Amazonite, Quartz, Amethyst, <b>Michel#3002-5</b>	12.40
Niger	2014 <b>MINERALS/Volcano SS: Stromboli &amp; quartz souvenir sheet</b> <b>Michel#3006</b>	11.30
Niger	2015 <b>MINERALS</b> (4v shtlt) Muscovite, Sodalite, Sphaler-, Marcasite, <b>Michel#3390-3</b>	<b>11.50</b>
Niger	2015 <b>MINERALS</b> SS: Peridot (Mg.Fe) <sub>2</sub> SiO <sub>4</sub> souvenir sheet <b>Michel#3394</b>	9.95
Niger	2015 <b>MINERALS</b> (3v shtlt): Wulfenite, Autunite, Aurichalcite <b>Michel#3590-2,</b>	<b>11.95</b>
Niger	2015 <b>MINERALS</b> SS: Cavansite & Ruby souvenir sheet <b>Michel#3856</b>	11.90
Niger	2016 <b>MINERALS</b> (4v shtlt): Quartz, Jasper, Jade, Agate, <b>Michel#4412-5,</b>	12.95
<b>Nigeria</b>	1953 2d. Tin Panning (1v): <b>fine used</b> only, SG72c, <b>Cat.£2.00</b>	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, <b>Cat.£0.90</b>	0.30
Norfolk	2012 Pearl inlays (4v): SG1148-51, <b>Cat.£11.75</b>	7.15
Norway*	1998 <b>MINERALS (2v):</b> Silver & Cobaltite, SG1316-7, <b>Cat.£4.00</b>	1.50
Norway	1998 <b>MINERALS (2v):</b> Silver & Cobaltite, SG1316-7 in <b>Presentation Pack</b>	2.75
Norway	2019 50 Years of Oil Production in the North Sea (1v):,	3.90
Oman	2018 Shell Oil Corp. (3v) <b>Cat.£55.00</b>	<b>13.90</b>
Oman	2018 Shell 50 <sup>th</sup> (4v shtlt): Geology & "minerals", <b>Cat.£60.00</b>	15.75
Pakistan	1999 Atoms for Peace - Mountain Range (1v): SG1069,	0.40
Pakistan	1999 Shell Oil Centenary (1v): SG1091,	0.40
Pakistan	2003 Nangaparabat mountain (1 value) SG1196, <b>Cat.£1.25</b>	0.50
Pakistan	2003 Exports (20v shtlt; has one featuring Granite and Marble, SG1198-17, <b>Cat.£7.00</b>	4.75
Pakistan	2008 3rd Ann. Of Earthquake (1v): "Walking on together building back Better", women working to rebuild, SG1359, <b>Cat.£1.25</b>	0.70
Pakistan	2012 <b>MINERALS</b> (4v): Emeralds, Sapphire, Peridot, Ruby, SG1429-32, <b>Cat.£5.00</b>	2.50
Pakistan	<b>2014 MINERALS &amp; POLISHED STONES</b> (8v setenant): Apatite, Vesvaunite, Garnet, Aquamarine, Epidot, Sphene, Topaz, Black Tourmaline, SG1518-25, <b>Cat.£8.00</b>	3.75
Papua New Guinea	2009 Volcanoes (4v shtlt + 4v): Mt.Tavurvur, Vulcan, Bagana, Madang, SG1343-6 MS1347, <b>Cat.£42.00</b>	17.80
Papua New Guinea	2009 Volcanoes Tavurvur Rabaul MS1348: (different) souvenir sheet <b>Cat.£14</b>	6.95
Papua New G	2016 Traditional Salt Making (4v): salt solution, SG1846-9	9.70
Papua New G	2016 Traditional Salt Making (4v shtlt) MS1850: filtering etc.	9.75
Papua New G	2016 Traditional Salt Making MS1851: Salt cubes souvenir sheet	6.95
Peru*	1999 50th Anniv. MilPo Mining Company (1v): miner, chisels, SG1986, <b>Cat.£2.40</b>	1.50
Peru*	1999 <b>MINERALS &amp; Fossil</b> (3v): Galena, Tungsten/Calcium ore, fossil, SG2012-4, <b>Cat.£18.00</b>	5.95
Peru	1999 <b>MINERALS &amp; Fossil</b> SG2012-4 <b>on illustrated First Day Cover, Cat.£15.00++</b>	7.95

Peru	2000 Gold Mining Industry, Retamas S.A. (2v): open cast mine, SG2042-3, <b>Cat.£3.60</b>	2.50
Peru	2018 Minerals (2v shtlt)MS3001: gold & silver ores, <b>Cat.£41.00</b>	16.75
Philippines	1997 National Gem - South Sea Pearl (1v): SG2991, <b>Cat.£1.20</b>	0.50
Philippines	2003 Chamber of Commerce Beguet Mining Corporation (2v) SG3595, <b>Cat.£1.20</b>	0.55
Pitcairn Is	2018 Bounty "Jewels" (4v): mineralized artefacts, SG1005-8,	10.90
Poland	1999 80th Anniv.Founding of Mining/Metallurgical Academy <b><u>Postal Card</u></b> portrait of Prof.Hoborski 1st Pres.+ St.Barbara,	0.95
Poland	2000 Personalities (2v:one is geologist (oil) Joseph Zwierzycki, SG3836-7, <b>Cat.£6.50</b>	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, <b>Cat.£10.00</b>	3.30
Poland	2006 Coal Mining (1v): coal lump running with blood!, SG4255, <b>Cat.£2.40</b>	0.95
Poland	2010 <b><u>MINERALS</u></b> (4v): Sphalerite,Chrysoprase,Agate,Gypsum,SG4431-4, <b>Cat.£18.00</b>	8.95
Poland	2015 Metallic Crystals(2v shtlt)MS4690: microstructure of Al-Bronze, ductile Fe, <b>Cat.£19.00</b>	5.95
Poland	08.03.2022 Luksiewicz SS: mining, geologist/pharmacist souvenir sheet	7.60
Portugal	2015 Year of Crystallography (5v): structures of NaCl, Chalcopyrite CuFeS <sub>2</sub> also Haemoglobin, caffeine, maths, SG4178-82, <b>Cat.£11.00</b>	8.75
Portugal	2015 Crystallography MS4183: snow crystal souvenir sheet <b>Cat.£7.00</b>	3.40
Portugal	2017 Geopark (4v): volcanic areas, maps, SG4530-3,	8.90
Portugal	02.07.2021 Protected Areas (5v): cave fossil, (+ birds, Stag & Lizard), SG4972-6,	6.90
Qatar	2003 Jewellery from precious metals (6v): SG1128-33, <b>Cat.£13.00</b>	5.70
Qatar	2010 RasGas (3v shtlt)MS1230a: LNG Innauguration & "Liquefaction Train 6" (oil drop shape!) globes & gas souvenir sheet, <b>Cat.£4.25</b>	1.90
Qatar	2010 OPEC 50 <sup>th</sup> Anniv. (1v): "fuelling prosperity", SG1244,	0.90
Qatar	2010 Celebrating 77m tonnes of L.N.Gas per annum (4SS): MS1251-4 refinery, storage, tanker, four souvenir sheets, <b>Cat.£8.80</b>	2.95
Romania	1995 Conservation value shows stalagmites (1v): SG5744 <b>was 2.95 on offer</b>	<b>1.95</b>
Romania	2006 <b><u>MINERALS</u></b> (6v):Fluorite,Quartz,Agate,Sphalerite,Amethyst,SG6693-8, <b>Cat.£12</b>	3.85
Romania	2006 <b><u>MINERALS</u></b> (6v shtlt) MS6699: designs as above, Amethyst, Stibnite, <b>Cat.£12</b>	3.90
Romania	2006 <b><u>MINERALS</u></b> (4 <b><u>PSE'S</u></b> ) 100 <sup>th</sup> Anniversary of Romanian Geological Institute 4 fabulous <b><u>MINERALS</u></b> PSE's: Marcasite,Pyrites,Amethyst,Orthoclase	4.50
Romania	2010 16thC. Brad-Barza Gold Mine wagon on rails (1 value): SG7089,	2.95
Romania	2011 Int. Year Chemistry (1v): Muller & Tellurium, SG7171	4.25
Romania	2018 <b><u>MINERALS</u></b> (4v): <b>Pyrite/quartz, Galena/semseyite, Gypsum, Calcite</b>	<b>15.90</b>
Ross Dependency	1996 Landscapes (6v; Climbers on Crater Rim + ice forms,SG38-43, <b>Cat.£10</b>	5.40
Russia*	2000 <b><u>MINERALS</u></b> (4v): Geology - four different minerals, Charoite, Haematite, Rock crystals and gold, SG6946-9, <b>Cat.£2.50</b>	1.25
Russia	2000 <b><u>MINERALS</u></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, <b>Cat.£8.00</b>	3.30
Russia	2015 Norilsk nickel region (1v): (+ survey helicopter, SG8161, <b>Cat.£6.50</b>	2.75
Russia	2016 Lukoil (1v): nodding donkeys, oilman on rig opening valve, SG8330, <b>Cat.£6.00</b>	1.90

Russia	2017 <b>MINERALS</b> & gems - Treasures of Russia Diamond Fund (4v):	4.80
Russia	03.06.2020 Palaeontological Fossils (4v): Pliosaur rossicus, Mammoth, Megaloceros giganteus (Irish Elk), Inostrancevia alexandri,	9.50
St.Helena	1983 Geological Features(4v) King/Queen Rocks, Turks Rock, SG407-10, was £1.85	1.20
St.Helena*	2004 <b>MINERAL</b> Pitchblende UO <sub>2</sub> & Marie Curie (1v): SG918, <b>Cat.£2.00</b>	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, <b>Cat.£11.00</b>	4.35
St.Pierre et Miquelon	1997 Salt Industry (1v): cottage plus equipment, SG755, <b>Cat.£1.50</b>	0.75
Sao Tome e Principe	<b>2009</b> Dinos/ <b>MINERALS</b> (5v shtlt): Sphalerite/Triceratops,Spessartine (Garnet),Pyromorphite,Hollandite/Vanadinite,Dioptase, <b>Mi#4103-6</b>	12.25
Sao Tome e Principe	<b>2009</b> Alfred Wallace (4v shtlt):one red <b>MINERAL</b> (+ 4 dinos,) <b>Mi#4130-33</b>	9.85
Sao Tome e Principe	<b>2013</b> <b>MINERALS</b> & 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>Michel#5166-9</b>	9.95
Sao Tome e Principe	<b>2013</b> <b>MINERALS</b> & Scouts SS: Crocoite PbCrO <sub>4</sub> souvenir sheet <b>Michel#5170</b>	9.90
Sao Tome e Principe	<b>2015</b> <b>MINERALS</b> (4v shtlt): Fluorite, Wulfenite, Cobaltosmithsonite, Rhodochrosite, <b>Scott#2894</b> ,	7.25
Sao Tome e Principe	<b>2015</b> <b>MINERALS</b> SS: Emerald souvenir sheet <b>Scott#2912</b>	7.90
Sao Tome e Principe	<b>2015</b> <b>MINERALS</b> (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	<b>2015</b> <b>MINERALS</b> SS: Pyrites souvenir sheet <b>Scott#2992</b>	9.50
Sao Tome e Principe	<b>2016</b> <b>MINERALS</b> SS: Gormanite souvenir sheet	9.50
Saudi Arabia	2005 30 <sup>th</sup> Anniv. of O.P.E.C. Development Fund (1v): SG2147, <b>Cat.£6.50</b>	2.20
Serbia	2016 Geological Institute (1v): Jovan Zujovic, hammer, SG761,	1.50
Serbia	2018 Scientists (4v shtlt)MS917: geologists Laskarev & Antal Koch, Petrovic, <b>Cat.£4.50</b>	2.95
Serbia	03.11.2020 Natural History Museum (4v): mineral, miocene fossil(+Nepenthe, bear)	6.80
Sierra Leone	1995 Rotary MS2334: border has Diamonds souvenir sheet,	2.70
Singapore	2004 Olympics (4v): four different rocks, SG1433-6 <b>Cat.£5.00</b>	2.50
Slovakia	2013 <b>MINERALS</b> (2v): Opal & Quartz, SiO <sub>2</sub> .nH <sub>2</sub> O & SiO <sub>2</sub> +label, SG668-9, <b>Cat.£7.00</b>	3.90
Slovakia	2014 International Year of Crystallography (1v): SG679, <b>Cat.£6.50</b>	2.90
Slovakia	2018 Rare <b>MINERALS</b> (2v): Libethenite (copper phosphate), Euchroite (Copper arsenate hydroxide),	8.80
Slovakia	16.04.2021 Uranium mining entrepreneur (1v): Roman,	2.80
Slovakia	11.06.2021 Salt Works <sub>2</sub> (1v): building	3.70
<b>Slovenia*</b>	<b>1995</b> Fossil Shell (1v): Karavankina schellwieni, SG260, <b>Cat.£1.70</b>	0.97
Slovenia*	1997 <b>MINERAL</b> (1v): Wulfenite - plumbous molybdate, PbMoO <sub>4</sub> , SG349,	1.10
Slovenia	1997 <b>MINERAL</b> (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 <b>MINERALS (1v)</b> :Cinnabarite SG404 on <b>illustrated First Day Cover</b> ,	1.95
Slovenia	2000 Trilobite fossil SG444 on <b>illustrated First Day Cover</b> ,	1.90
Slovenia*	2000 <b>MINERALS (1v)</b> : Dravite $\text{NaMg}_3\text{Al}_6(\text{BO}_3)_3\text{Si}_6\text{O}_{18}(\text{OH})_3\text{F}$ , SG445, <b>Cat.£1.60</b>	0.85
Slovenia	2000 <b>MINERAL</b> SG445 as above but on <b>illustrated First Day Cover</b> ,	1.85
Slovenia	2001 <b>MINERALS</b> – Fluorite $\text{CaF}_2$ (2v) <b>the stamps are stereoscopic and therefore to be viewed as a pair, (SG498 X 2)</b>	2.20
Slovenia	2001 <b>MINERAL</b> (Fluorite <b>SG498 X 2</b> ) on <b>illustrated First Day Cover</b> ,	2.85
Slovenia	2004 Oligocene fossil fish (1v): SG617, <b>Cat.£2.10</b>	0.98
Slovenia	2004 Fossil fish SG617 in sheetlet of 10 stamps	9.80
Slovenia	2004 Miners' House (1v): SG627,	0.60
Slovenia*	2005 <b>MINERALS (1v)</b> : Zoisite, SG660, <b>Cat.£1.90</b>	0.95
Slovenia*	2006 Middle Miocene Fossil snail shell (1v): Srednjemiocenski potz,SG705, <b>Cat.£1.90</b>	0.96
Slovenia	2006 Fossil snail shell (10v sheetlet of 10 X above Srednjemiocenski p,)	9.60
Slovenia	2014 Crystallography (2v sheetlet)MS1109; snow flake, <b>Cat.£7.00</b>	3.95
Solomons	1994 Volcanoes (4v); eruptions Kavachi 1977/1978, Cook Is.1967,SG812-5, <b>Cat.£3.50</b>	1.70
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 Diopase, 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, Malachite, Rhodonite, <b>Mi#3292-5</b>	11.20
Solomons	2016 <b>MINERALS</b> (4v shtlt):Smoky quartz,Agardite,Citrine,Elbait, <b>Mi#3506-9</b>	6.90
Solomons	2017 <b>MINERALS</b> (4v shtlt):Boussingaultite,Diopase,Amazonite, <b>Mi#4362-5</b> ,	11.90
Somali Rep.	2000 <b>MINERALS (9v shtlt)</b> : nine different minerals,	8.80
South Africa	1978 Volschenk Paintings (4v): Veldt & Mountains, SG444-7,	0.95
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,	1.80
South Africa	1986 Rock Formations (4v): Gordon's Rock Paarlberg, The Column Drakensberg, Maltese Cross Sederbege, SG608-11, <b>Cat.£2.70</b>	1.45
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
Spain	1995 <b>MINERALS (3v):</b> Dolomite,Aragonite,Mineral Museum,SG3314-6, <b>Cat. £1.80</b>	<b>0.75</b>
Spain	1999 150th Anniv. Tech.Institute of "Geominera" (1v): map, SG3587, <b>Cat.£3.75</b>	1.70
Spain	2003 1971-2003 Geology & Mining MS4008: stylised lava flow souv./sheet	0.95
Spain	2012 Geology (2v): Palaeontology, Geology, SG4714-5, <b>Cat.£2.80</b>	1.90
Spain	2014 Collectables booklet (8v shtlt; Minerals, (+ coins,stamps, SG4832-9, <b>Cat.£12.00</b>	6.25
Spain	2019 Int. Year of Periodic Table of Elements (1v): SG5276,	1.95
Spain	2019 Old Trades - Miners (1v): pit head & lift shaft, miner profile, SG5348,	8.95
Spain	2020 National Geography Institute 150 <sup>th</sup> MS Volcano, maps, symbols souvenir sheet	5.50
Spain	2020 <b>MINERAL (1v):</b> Asturian Jet,	1.75
Spain	18.01.2022 Mineral Pyrite FeS <sub>2</sub> crystal (1v)	3.80
Sri Lanka	1994 I.L.O. Anniv. (1v): statue of a miner with a pickaxe, SG1264,	0.60
Sri Lanka*	2003 <b>MINERAL (1v):</b> Blue Sapphire R4.50 value, SG1677	0.45
Sri Lanka*	2004 <b>MINERAL (1v):</b> Blue Sapphire R5.00 value, SG1677a,	0.50
Sri Lanka	2012 Oil Refinery (1v): SG2143,	0.65
Sri Lanka*	2015 Gems/ <b>MINERALS</b> (4v): Blue Sapphire, Star Sapphire, Catseye, Padpardsha, SG2315-8,	4.50
Sri Lanka	2015 Gems/ <b>MINERALS</b> (4v shtlt)MS2319: Blue & Star Sapphires, Catseye,	5.50
Sri Lanka	19.10.2021 Gems of Sri Lanka (10v): Alexandrite, Andalusite, Aquamarine, Blue Sapphire, Moonstone, Sinhalite, Taaffeite,	5.75
Sri Lanka	19.10.2021 Sri Lanka Gems (10v shtlt): Alexandrite, Andalusite Spinel, Topaz, Zircon as above designs,	5.80
Surinam	1995 Waterfall (1 value): SG1645, <b>Cat.£21.00</b>	6.95
Surinam	1997 State Oil Industry (4v booklet): refinery, rig, etc. SG1734-7, <b>Cat.£11.00</b>	3.90
Surinam	1997 State Oil SG1734-7 on <b>illustrated First Day Cover,</b>	4.70
Sweden	2004 Mining Town (4v): Mine head, miners, SG2318-21, <b>Cat.£13.00</b>	3.95
Switzerland	2002 <b>MINERALS (1v):</b> Rock Crystal = Quartz, SG1522, 200 value <b>Cat.£6.00</b>	2.50
Switzerland	2003 <b>MINERALS (1v):</b> Rutile Quartz, SG1523, 300 value <b>Cat.£9.25</b>	4.50
Switzerland	2003 <b>MINERALS (1v):</b> Green Fluorite SG1524, 400 value <b>Cat.£12.00</b>	5.95
Switzerland	2002 <b>MINERALS (1v):</b> Titanite, SG1525, 500 value <b>Cat.£16.00</b>	12.95
Switzerland	2002 <b>MINERALS (4v; Fluorite Rutile, Quartz &amp; Titanite SG1522-5 fine used</b> <b>Cat.£40</b>	8.90
Switzerland	2002 <b>MINERALS (2v; Quartz &amp; Titanite SG1522-3 on TWO illustrated FDC's)</b>	8.95
Switzerland	2004 Monte San Giorgio dinosaur fossil (1v): SG1618, <b>Cat.£3.00</b>	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, <b>Cat.£18.00</b>	7.50
Switzerland	2014 <b>MINERALS</b> Crystallography Year (2v): Epidote & Amethyst, SG2004-5, <b>Cat.£11</b>	6.20
Syria	1993 Oil Drilling Rig (1 value): SG1866, <b>Cat.£2.75</b>	1.50
Syria	1997 1st May Building the Oil Pipeline (1 value): SG1980, <b>Cat.£2.75</b>	1.25
Taiwan	2017 Scenes (4v shtlt) MS4036: salt pans, (+ temples, etc.)	3.90

Tajikistan	1998 <b>MINERALS (6v+2 minerals labels):</b> Topaz, Ruby, Tourmaline, Amethyst, Sapphire, Antimonite, Spinel, Lapis Lazuli, SG130-5, <b>Cat.£7.00</b>	4.95
Tajikistan	1998 <b>MINERALS</b> MS136: Agate souvenir sheet, <b>Cat.£7.75</b>	3.90
Tajikistan	1998 <b>MINERALS (6v+SS)</b> SG130-5+MS136 on 3 illustrated First Day Covers,	12.95
Tanzania	1985 S.A.D.C.C. (4v; one is Mining for diamonds, SG415-8, <b>Cat.£7.00</b>	5.50
Tanzania	1986 <b>MINERALS (4v):</b> Tanzanite,Diamonds,Sapphire,Pearls, SG469-72, <b>Cat.£11</b>	5.95
Tanzania	2002 Independence (6v; one contains several <u>minerals</u> , SG2301-6, <b>Cat.£20.00</b>	4.75
Tanzania	2004 <b>MINERALS</b> & Mining (4v): Gemstones, miners at Williamson diamond mine Small scale gold mining, miners drilling, SG2416-9,	3.95
Tanzania	2004 <b>MINERALS</b> & 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 Paintingsat Borkou, <b>Scott#792</b>	3.50
Tchad	1999 <b>MINERALS (6v+SS; Scott#839-45</b> on two illustrated First Day Covers,	13.50
Tchad	2001 Fossils (4v shtlt): Archaeopteryx 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, <b>Cat.£0.90</b>	0.45
Thailand	<b>2001 Gemstones(4v):</b> Blue & Green Sapphires,Pearl,Diamond,SG2270-3, <b>Cat.£4.00</b>	1.20
Thailand	2001 Gemstones (4v shtlt)MS2274:Green & Blue Sapphire, designs as above, <b>Cat.£6</b>	1.70
Thailand	2001 Gemstones (4v SG2270-3 on <b>illustrated First Day Cover</b> ,	2.50
Togolaise	1997 <b>MINERALS (6v shtlt):</b> Rubies, Uranite, Diamond, Halite, <b>Scott#1826</b>	11.90
Togolaise	1999 <b>MINERALS Scott#1861A:</b> Beryl souvenir sheet,	2.70
Togolaise	1999 <b>MINERALS (6v):</b> Beryl souvenir sheet on <b>illustrated First Day Cover</b> ,	5.50
Togolaise	1999 <b>MINERALS 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	2012 <b>MINERALS (4v shtlt):</b> Scorodite/beudantite, Azurite/copper, Cerussite/Linarite, Cobaltian Smithsonite, <b>Michel#4398-01</b>	10.45
Togolaise	2012 <b>MINERALS</b> SS: Aragonite Tarnowitzite souvenir sheet <b>Michel#4402</b>	10.40
Togolaise	2012 <b>MINERALS (+ Scouts/Birds) (4v shtlt):</b> <b>Malachite, Quartz,</b> (+ birds Red-winged Pytilia, Green-backed Twinspot), <b>Michel#4443-6,</b>	10.50
Togolaise	2014 <b>MINERALS (4v shtlt):</b> 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(4v shtlt)</b> 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(4v shtlt):</b> 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 <b>MINERALS (4v shtlt):</b> Azurite, Dioptase, Tourmaline Fluorite, Malachite, Quartz, <b>Yvert#4774-7</b>	14.50
Togolaise	2015 <b>MINERALS</b> SS: Alamandin, Ruby, <b>Yvert#1056</b>	11.75
Togolaise	2015 Baden-Powell (4v shtlt): Amethyst, (+ Scouts & tree, fungi), <b>Mi#7153</b>	13.25

Togolaise	2016 <b>MINERALS</b> (4v shtlt): Prehnite balls with Black Tourmaline, Scheelite, Purple Fluorite + Diopside, <b>Michel#7359-62</b>	12.95
Togolaise	2016 <b>MINERAL</b> SS: Scorodite souvenir sheet, <b>Michel#7363</b>	10.75
Togolaise	2016 <b>MINERALS</b> (4v shtlt)Stichite,Serpentine,Chalcanthite,Rhodochrosite <b>Mi#7704-7</b>	12.80
Togolaise	2016 <b>MINERALS</b> SS: Tourmaline (Kunzite/Langite border) souvenir sheet <b>Mi#7708</b>	12.50
Togolaise	2020 Tsumeb <b>MINERALS</b> (Namibia) (8v shtlt): Azurite, Duftite, Cuprite, Ludlockite, Tsumcorite, Tsumabite, Willemite,	22.50
Tonga	1995 Mountain MS1322: Beijing Exh. panorama of Mount Song souvenir sheet	1.70
Tonga	2002 Black Pearls (2v sheetlet MS1522; 2 values from above set + border, <b>Cat.£5.75</b>	2.30
Tonga	2017 <b>MINERALS</b> from Halley's Comet MS1839: mineral samples souvenir sheet	6.20
Transkei	1980 Rock Formations (4v): Hole in the Wall, Citadel Archway, SG79-82,	0.75
Trinidad	1988 Oil Field Workers Union (4v): O.W.T.U. Presidents SG741-4,	1.50
Tristan da Cunha	2011 Volcano 50 <sup>th</sup> Anniv. of Eruption (4v): ship, etc. SG1035-8, <b>Cat.£10.00</b>	5.15
Tristan da Cunha	2011 Volcano 50 <sup>th</sup> Anniv. of Eruption MS1039: S.S.Tjisajane souv/sheet <b>Cat.£8</b>	3.85
Tristan da Cunha	2012 2 <sup>nd</sup> issue Eruption(4v):survey team,Roy.Society,helic,SG1040-3, <b>Cat.£10</b>	7.50
Tristan da Cunha	2013 3 <sup>rd</sup> issue Eruption(4v): resettlement, ships, quay, SG1078-81, <b>Cat.£10.00</b>	5.20
Tristan da Cunha	2013 3 <sup>rd</sup> issue Eruption MS1082:resettlement,beach,ships souvenir sheet, <b>Cat.£8</b>	4.85
Tristan da Cunha	2014 4 <sup>th</sup> Eruption(4v)HMMV Stirling Castle/Tristiana,Puma,SG1087-90, <b>Cat.£10</b>	6.22
Tristan da Cunha	2014 Volcano 4 <sup>th</sup> Eruption issue MS1091: MV Bornholm souvenir sheet <b>Cat.£8</b>	4.87
Tristan da Cunha	03.11.2021 60 <sup>th</sup> Anniv. Volcanic Eruption (4v): Tristiana, Frances Repetto,	9.95
Tristan da Cunha	21.03.2022 Royal Society Expedition to Volcanic Eruption 1962, HMS Protector & Jaguar, HMSAS Transvaal, MV Tristiana (4v)	9.60
Turkey	<b>2017</b> Petroleum Congress (1v)	1.75
Turkey	<b>2019 MINERALS</b> (2v): Agate & Blue Chalcedony,	3.75
Turks	1995 Apollo Moon MS1295a: sample of Moon rock souvenir sheet,	3.50
Ukraine	2013 Odessa Port joint issue Morocco (1v): gas terminal, ship & geology, <b>Scott#951</b>	2.50
Ukraine	2017 <b>MINERALS</b> (1v): Beryl, mineral from the Zhitomir Region (1v)	1.35
United Arab Emirates	2005 Aluminium Industry(3v):Dubai aluminium plant from air SG791-3, <b>Cat.£10</b>	3.90
United Arab Emirates	2010 Aluminium Industry (4v): stylized designs, symbols, SG1025-8, <b>Cat.£21</b>	4.75
United Arab Emirates	2010 Aluminium Industry (4v shtlt)MS1029: as above, <b>Cat.£60</b>	17.75
United Arab Emirates	2016 Oldest Pearl (1v): SG1238, <b>Cat.£7.25</b>	2.25
United Arab Emirates	2016 Oldest Pearl MS1239: souvenir sheet: <b>Cat.£25.00</b>	8.25
U.S.A.*	1998 Klondike Gold Rush (1v): SG3475, <b>Cat.£1.30</b>	0.50
Uruguay	2004 ANCAP Refinery (1v): SG2900, <b>Cat.£5.50</b>	1.75
Uruguay	2011 Int.Year of Chemistry MS3290:Agate, Amethyst & Quartz sou/sheet, <b>Cat.£15.50</b>	3.90
Uruguay	09.11.2020 100 <sup>th</sup> Anniv. Corrales Gold Mine (1v)	3.80
Uruguay	30.09.2020 Tourism Attractions (10v shtlt): stylized mineral, wine, food, cycling, bird	26.50
Uruguay	08.04.2022 Tourism in Artigas (2v): Amethyst & dancer	6.95
Uruguay	08.04.2022 Tourism in Artigas (8v sheetlet = 4 sets): Amethysts (+ dancers),	27.50
Uzbekistan	2016 25 <sup>th</sup> Anniv. Independence (8v shtlt): gas & petroleum complex, train, etc.	17.90
Uzbekistan	2019 Minerals (4v shtlt): Onyx marble, Fluorite-calcite breccia, Feruza - a Silicon Al phosphate complex,	12.75

Uzbekistan	30.03.2020 Minerals (3v): Turquoise, Amethyst, Lazurite,	6.40
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, <b>Cat.£5.00</b>	2.70
Vanuatu	2010 Shanghai EXPO (4v):one is an erupting volcano,(+ Dugong, SG1066-9, <b>Cat.£13</b>	6.90
Vanuatu	2010 Shanghai EXPO (4v shtlt)MS1070: Volcano etc., + map border, <b>Cat.£11</b>	6.95
Venezuela	2005 PDVSA (10v shtlt)MS3714a: petroleum & oil industry, Morichal rig, 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>Catalogue value £48.00, on Special Offer,</b>	19.90
Vietnam	1993 Gemstones MS1831: Ruby & Sapphire souvenir sheet, Only available on <b>illustrated First Day Cover, Cat.£5.75++</b>	4.50
Vietnam*	2001 Tan Huong Gemstones (2v): 1960g & 2160g Rubies, SG2403-4, <b>Cat.£4.20</b>	1.85
Vietnam	2001 Tan Gemstones (2v): Rubies SG2403-4 on <b>illustrated First Day Cover,</b>	2.95
Vietnam	2011 Mikhail Lomonsov (1v): 1711-67, mineralogist (& polymath), SG2854, <b>Cat.£4.25</b>	2.90
Br.Virgin Is.	1998 Salt (2v): gathering in salt pond, Salt Island, SG1003 & SG1006, <b>Cat.£5.50</b>	2.25
Yemen	2007 <b>MINERAL</b> (8v): different types of the Onyx; with leaves, SG366-73, <b>Cat.£28.00</b>	15.95
Yemen	2007 <b>MINERAL</b> Yemeni Onyx MS374: different souvenir sheet, <b>Cat.£8.25</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, <b>Cat.£4</b>	2.70
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, Dioptase, Malachite, Uranium - pitchblende, Quartz, Gold, Bornite, SG1144-51,	7.95
Zambia	1989 Pope's Visit 10K value features Zambesi at Victoria Falls <b>used, Cat.£4.75</b>	1.15
Zambia	1992 Xmas(4v;one is 3 Wise Men carrying Gold(+ incense,myrrh),SG708-11, <b>Cat.£7</b>	3.50
Zambia	1992 Xmas MS712: as above 3 Wise Men + Gold(+ incense, myrrh) s/sheet, <b>Cat.£10</b>	3.95
Zambia	1993 Waterfalls (4v):Nkundalila, Chishimba,Lumangwe,Chipoma,SG717-20, <b>Cat.£5.50</b>	2.95
Zimbabwe	1995 Mining Industry (6v): Open Cast, Underground Mining, Chrome & Gold Smelting, Mine Workers, Coal Mining, SG892-7, <b>Cat.£14.00</b>	5.50
Zimbabwe*	1996 45ct definitive Mining (1v): teamwork at rock face, SG896a, <b>Cat.£2.25</b>	0.75
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.£8.50</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)**

# MINERALS ON STAMPS ISSUES RECEIVED BY US SINCE LAST LIST

January 2022 - January 2023

**This New Issue Bulletin accompanies each new list Minerals Mining Geology**

**Recent arrivals** include: **Armenia, Austria, C.A.Rep., Croatia, T.A.A.F. (Fr.Ant. 1998+2022), G-Bissau, India, Indonesia, Japan, Kyrgystan, Niger (2015/21), Poland, Portugal, Spain, Sri L., Tristan, Uruguay,**

Austria	01.07.2021 Smoky Quartz (1v):	Mineral	6.25 P
Central Af.Rep.	2021 Huhnerkobel Minerals (8v shtlt): Kingmountite, Strunsite, Whitmoreite, Jahnsite, Autunite, Columbite, Rockbridgeite, Laueite, Mineral		22.50 P
Croatia	20.10.2022 Minerals & Rocks (2v): Pyrites,	Minerals	4.25 P
Djibouti	2022 Minerals (8v shtlt): Ronneburgite, Johannite, Molybdite, Marcasite, Wavellite, Metaheuwettite,	Minerals	22.50
Fr.Antarctic	2022 Serpentine (2v)	Mineral	2.20 P
Guinea-Bissau	2021 Minerals of the Clara Mine (8v shtlt): Adamaite, Cerrusite, Farmacosiderite, Agardite, Scorodite, Clinoclase, Claraite, Barite,	Minerals	22.50
India	26.12.2019 Revenue Intelligence 1v: gold bars, diamonds Jewellery, turtle, (line drawings), SG3715	Minerals	0.80 P
India	20.03.2022 36 <sup>th</sup> Int. Geological Congress (2v): Amethyst,	Minerals	1.95 P
Indonesia	28.02.2022 Mount Semeru Eruption (1v):	Volcano/Geology	1.75 P
Japan	24.01.2022 Minerals (20v = 2 x 10v shtlt): Red Beryl, Tanzanite, Citrine, Mandarin Garnet, Rhochrosite, Fluorite, Aquamarine, Ruby, Jadeite, Blue Sapphire, Peridot, Pink Spinel, Paraiba Tourmaline,	Minerals	28.90 P
Kyrgystan (K.P.)	21.12.2019 Minerals (3v): Amethyst, Tourmaline, Zircon, SG759-61	Minerals	8.50 P
Niger	2015 <b>MINERALS</b> (3v shtlt): Wulfenite, Autunite, Aurichalcite <b>Michel#3590-2,</b>		11.95
Niger	2021 El Dragon Minerals (8v shtlt): Kerstenite, Favreaulte, Ahlfeldite, Chalcocite, Krutaite, Mandarinoite, Cobaltomenite, Schmiederite	Minerals	22.50 P
Poland	08.03.2022 Luksiewicz SS: mining engineer, oil well souvenir sheet	Geology	7.60 P
Portugal	02.07.2021 Protected Areas (5v): cave fossil, (+ birds, Stag & Lizard), SG4972-6,		6.90 P
Spain	18.01.2022 Mineral Pyrite FeS <sub>2</sub> crystal (1v)	Mineral	3.80 P
Sri Lanka	19.10.2021 Gems/Minerals Sri Lanka (10v): Alexandrite, Andalusite, Aquamarine, Blue Sapphire, Moonstone, Sihalite, Taaffeite,	Minerals	5.75 P
Sri Lanka	19.10.2021 Sri Lanka (10v shtlt): Alexandrite, Andalusite, Spinel, Topaz, Zircon as above designs,	Minerals	5.80
Tristan da Cunha	21.03.2022 Royal Society Expedition to Volcanic Eruption 1962 HMS Protector & Jaguar, HMSAS Transvaal, MV Tristania (4v)	Geology/ Ships	9.60 P
Uruguay	08.04.2022 Tourism in Artigas (2v): Amethyst,	Mineral/dance	6.95 P
Uruguay	30.09.2020 Tourism Attractions (10v shtlt): mineral, (+ wine, food, cycling, one bird - Surucua Trogon, trekking, fishing, music,	Bird/Mineral/ various	26.50

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Australia	13.07.2021 Volcanic Past (4v): Wollumbin Mount Warning, Table Cape Tasmania, Mount Elephant, Lord Howe Island,	Geology	6.75 <b>C</b>
Azerbaijan	02.09.2020 Victory over Facism 75 <sup>th</sup> Anniv. (1v): oil rig,	Geology/Mining	2.50
Central Af. Rep.	2021 Minerals (8v shtlt): Alcantarillaite, Karibibite, Scheelite, Pharamcosiderite, Paralymplecite, Tooelite, Preisingerite Schneiderhodnite,	Minerals	22.50
Central Af. Rep.	2021 Quartz (8v shtlt): Amethyst & Tourmaline,	Minerals	12.50
Croatia	20.10.2022 Minerals & Rocks (2v):Pyrites,	Minerals	4.25
Djibouti	2020 Minerals (4v): Apatite, Amethyst, Carnelia,	Minerals	12.50
Djibouti	2021 Minerals of Bou-Azzer (8v shtlt): Erythrite, Gersdorffite, Imitterrite, Talmessite, Spherochalcite, Xanthoconite, Roselite, Karibibite, all from the Draa-Tafilalet Region Morocco, <b>Scott#2441</b> ,	Minerals	22.50
Guinee	2021 Minerals at Langban (Sweden) (8v shtlt): Aminoffite,Nadorite Quenselite, Langbanite, Paulmooreite,Pyroaurite, Swedenborgite, Wickmanite,	Minerals	22.75
Slovakia	16.04.2021 Uranium mining entrepreneur (1v): Roman,	"Geology/Minerals	2.80
Slovakia	11.06.2021 Salt Works (1v): building	"Mineral"	3.70
Togolaise	2020 Tsumeb Minerals (Namibia) (8v shtlt): Azurite, Duftite, Cuprite, Ludlockite, Tsumcorite, Tsumabite, Willemite,	Minerals	22.50
Tristan da Cunha	03.11.2021 60 <sup>th</sup> Anniv. Volcanic Eruption (4v): Tristania, Frances Repetto, liner at Southampton docks,	Geology/Ships	9.95
Uruguay	09.11.2020 100 <sup>th</sup> Anniv. Corrales Gold Mine (1v)	Geology	3.80

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Aruba	17.12.2020 Trains & Wagons (4v): 0-4-0, mineral wagons,	Trains	11.50
Central Af.Rep	2020 Minerals (4v shtlt): Spessartine, Purpurite,	Minerals	12.50
Central Af.Rep	2020 Minerals SS: Azurite souvenir sheet,	Minerals	12.60
Croatia	2020 Minerals (2v shtlt): Lithothamnium Limestone & The Hraschina meteorite,	Minerals	5.75
Fr.Ant.	2021 <b>MINERALS</b> (2v): Chalcedony (2v): natural state & cut stone	Minerals	2.40
Guinee Rep.	2020 Minerals (8v shtlt): Annabergite (Lebanon), Devilline (Laurion) Fiedlerite Linarite, Nealite, Phosgenite, Olivenite, Thoricosite,	Minerals	22.50
Guinea Bissau	2020 Minerals (8v shtlt): Agardite, Tellurite, Jarosite, Miersite, Scorodite, Natropharmacoalumita, Cornwallite, Gold,	Minerals	20.50
India	2019 Siachen Glacier (1v)	Geology	0.70
Kazakhstan	24.12.2020 Minerals (6v shtlt): Antimony(?), etc <b>Michel bloc#132</b>	Minerals	15.75
Maldives	2020 Minerals (4v shtlt): Carnelian, Lazurite, Malachite, Beryl,,	Minerals	9.75
Maldives	2020 Minerals SS: Columbite, Beryl, Feldspar souvenir sheet,	Minerals	7.90
Russia	03.06.2020 Palaeontological (4v): Pliosaur rossicus, Mammoth, Megaloceros giganteus (Irish Elk), Inostrancevia alexandri,	Mmls/Geology /Fossils	9.50
Serbia	03.11.2020 Natural History Museum (4v): Mineral, Brown Bear, miocene fossil - Hypsodontus serbicus, Nepenthe rtanjensis,	Geology/ Mml/Plant	6.80
Uzbekistan	30.03.2020 Minerals (3v): Turquoise, Amethyst, Lazurite,	Minerals	10.40



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