

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

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

Recent arrivals include: **Botswana, C.Af.Rep., Croatia, Ecuador, France, Fr.Ant., Germany, Greenland, Guinea, Guyana, Honduras, Iran, Malaysia, Maldives, Mexico, Mozambique, Niger, Poland 2010, Russia, Sao T., Sols, S.Afr., Sri L., Taiwan, Togo, UAE, Uzbek., Austria, Bulgaria**

Afghanistan	1988	MINERALS/GEMSTONES (3v) Lapis lazuli, Emerald, Rubies, SG1227-9,	3.75
Afghanistan*	1999	MINERALS (6v) : Hematite, Malachite, Calcite, Hemimorphite, Blende, only available now on illustrated First Day Cover,	5.60
Afghanistan	1999	MINERALS SS: Puddingstone souvenir sheet was £3.60 On Special Offer	1.80
Afghanistan	1999	MINERALS SS: Puddingstone on illustrated First Day Cover,	4.30
Algeria*	1983	MINERALS (4v) : Sand Rose, Halite, Fluorite, Agate, SG838-41, Cat. £5.50, on Special Offer	2.70
Algeria	1999	MINERALS (3v) : Gneiss, Garnite, Schiste sericite, on illustrated First Day Cover, SG1284-6,	3.95
Algeria*	2002	MINERALS (4v) : Feldspar, Conglomerate, Galena, Calcite, SG1401-4	2.25
Algeria	2002	MINERALS (4v) : SG1401-4 on illustrated First Day Cover,	3.75
Algeria	2010	O.P.E.C. 50 th Anniv. (2v): oil tanker, symbol, SG1656-7,	4.60
Angola	1996	SONANGOL (4v): State Oil Industry, platforms, plant, etc. SG1184-7, Cat.£4	1.90
Antigua	1991	Middleton Colliery Loco "Prince Regent" 1812 2-2-2 (1v): SG1485,	2.50
Antigua	2016	MINERALS (6v shtlt) : Diamond, Turquoise, Sapphire, Topaz, Aquamarine, Emerald,	13.90
Antigua	2016	MINERALS SS: Opal souvenir sheet	6.90
Argentina	2007	Campo del Cielo Meteorite MS3254: massive iron/nickel meteorite!	4.95
Argentina	2007	Meteorite MS3254: souvenir sheet on illustrated First Day Cover	6.50
Argentina	2011	MINERALS (4v) : Rhodochrosite, Quartz, Sulphur, Pyrite, SG3461-4,	6.95
Argentina	2014	Soberania energetica (Energy Sovereignty) souvenir sheet	6.90
Armenia*	1998	MINERALS (2v) : Pyrites & Agate, SG403-4, these are now only available on illustrated First Day Cover, was £4.75, Special Offer	3.75
Armenia*	2000	MINERALS (2v) : Molybdenite, Quartz, SG435-6 only illustrated First D.Cover	5.50
Armenia	2002	Copper Smelting (& beer making) (2v): SG510-11, Cat. £8.00,	2.90
Australia	1973	MINERALS (6v) : Chrysopase, Agate, Opal, Rhodonite, Star Sapphire, in presentation pack, SG549-52a + 579	2.25
Australia	1998	Natural Gas (Prestamped Envelope): oil platform & tanker,	0.95
Australia	2001	Gold Rush (Prestamped Envelope) panning scenes, tents, from 1831, "stamp" area is a portrait of Edward Hargreaves	0.75
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
Azerbaijan	1994	MINERALS (4v) : Amethyst, Laumontite, Andratite, Epidot calcite, SG152-5,	5.50
Azerbaijan	1997	125 Years of the Oil Industry (2v shtlt): Oil platform, MS409,	2.50
Azerbaijan	2006	30 th 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	MINERALS (5v) : CaCO ₃ , SiO ₂ , BaSO ₄ , PbS, CuAl ₆ (PO ₄) ₄ (OH) ₈ .4H ₂ O, SG3764-8, SOLD OUT	
Belgium	2003	MINERALS (5v) : SG3764-8 above available on illustrated First Day Cover	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	MINERALS (6v) : Malachite, Carnotite, Aragonite, Turquoise, Quartz, Corundum, SG1712-7, on reorder £3.95)	
Benin	1998	MINERALS MS1718 : marble souvenir sheet, was £2.90 on Special Offer 1.95	
Bolivia	2012	MINERALS (4v) : Cassiterite, Bismuthinite Bi ₂ S ₃ , Amethyst, Anderite, SG1954-7, 3.95	
Bosnia-Herzegovina	1998	Sarajevo Tunnel Old Mine Entrance (1v): with tracks, SG589,	1.35
Bosnia-Herzegovina	1999	MINERALS (4v) : Siderite, Tuzlait, Hijelofan, Quartz, SG624-7, on illustrated First Day Cover,	5.25
Botswana*	2001	Diamonds (4v): mining + various diamonds SG940-3	4.75
Botswana	2008	Events (3v): Diamond Trading, one is Diamond Company HQ, SG1014-6	3.25
Botswana	2016	50 Years of Postage Stamps (5v): one has Diamonds, (+ Kingfisher, etc	6.25
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	MINERALS (3v shtlt) MS3093:distribution map & Diamond,Aquamarine, Opal, Tourmaline, Imperial Topaz, Gold, "Brasilianita", was £3.75	2.50
Brasil	2001	Topaz (2v sheetlet) MS3270: five different forms of orthorhombic, only available now on illustrated First Day Cover,	3.50
Br.Guiana	1938	Kaieteur Falls (1v): 2ct definitive lightly mounted, SG309a	0.30
Bulgaria	2009	MINERAL (1v): Amethyst SG4705,	1.30
Bulgaria	2009	MINERAL SS: Amethyst souvenir sheet, scarce	13.50
Bulgaria	2013	Mining (1v): miner's lamp, SG4876,	1.70
Burundi	2012	Mandela (4v shtlt): Fluorite, Malachite , (+ bfly) Michel#2246-9 ,	15.60
Burundi	2013	MINERALS (4v stlt): Carnelian Agate,Malachite,Blue Azurite, Mi#3213-6 ,	12.85
Burundi	2013	MINERAL SS: Variscite souvenir sheet Michel#3217	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): Scott#1130	0.95
Central Af.Rep.	1996	Fossils SS: as above plus dino in border s/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	3.90
Central Af.Rep.	1998	MINERALS (12v in 2 sheetlets) : Haematite, Amber, silver, native iron, Opal,Rhodochrosite,Chalcopyrite,Malachite, Scott#1261-2 was £17.50	13.95
Central Af.Rep.	1998	MINERALS SS: Gypsum souvenir sheet, Scott#1263 was £5.95 on Offer	3.90
Central Af.Rep.	2011	MINERALS (4v shtlt): Limonite, Haematite, Rutile, Gold, Mi#2958-61	8.95
Central Af.Rep.	2011	MINERALS SS: Quartz & Amethyst souvenir sheet, Michel#2962	8.90
Central Af.Rep.	2012	MINERALS (3v shtlt): Abichite, Kyanite, Limestone, Michel#3112-4 ,	9.60
Central Af.Rep.	2012	MINERALS SS: Domeykite Cu ₃ As souvenir sheet Michel#3115	8.70
Central Af.Rep.	2013	MINERALS (4v shtlt): Sphene CaTiSiO ₅ , Tourmaline, Torbernite, Titanite, Michel#4116-9	10.90
Central Af.Rep.	2013	MINERALS SS: Lazulite ((Mg,Fe ²⁺)Al ₂ (PO ₄) ₂ (OH) ₂ souvenir sheet, Mi#4120	9.85
Central Af.Rep.	2014	MINERALS (4v shtlt): Cuprite/Malachite,Amethyst,Azurite, Yv#3290-3	13.80
Central Af.Rep.	2014	MINERALS Mineral SS: Euclase souvenir sheet Yvert#602	10.40
Central Afr.Rep.	2015	MINERALS (3v shtlt): Azurite, Wulfenite, Sphalerite,	11.25
Central Afr.Rep.	2015	MINERALS SS: Cuprite-Mimetite souvenir sheet	9.90
Central Afr.Rep.	2015	MINERALS & Volcanoes (4v shtlt): Gypsum, Amethyst, Etna Emerald, Mauna Loa Hawaii	11.30
Central Afr.Rep.	2015	MINERALS & Volcanoes SS: Garnet & Shinmoe Peak souvenir sheet	9.90

Central Afr.Rep.	2016 Fossils(4v shtlt):Plesiosaurus dolichodeirus,Corthisaurus casuaR,	13.25
Central Afr.Rep.	2016 Fossil SS:Pricacara serrata/Plesiosaurus dol 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 Prestamped Envelope	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 MINERALS (6v shtlt): Legrandite, Sulfur, Barite, Pyrite, Rutile, Rhodochrosite, Michel#2037-42	12.50
Comores	2009 MINERALS SS: Calcite (Von Laue) souvenir sheet, Michel#2043	12.95
Comores	2010 MINERALS/Meteorites (4v shtlt): various Lunar samples from Say al Uhaymir Oman & Calcalong Creek Australia - identifications needed, Mi#2622-5,	8.35
Comores	2010 MINERALS SS: Antarctic meteorite La Gamme d'Alexandra la reine Mi#2630	12.35
Comores	2010 MINERALS (4v shtlt): Mordenite, Cerusite, Corundum/Rubies, Titanite, Albite, Olmiite, Tourmaline Liddicoatite, Stilbite, Mordenite, Topaz, Beryl Aquamarine, Albite, Quartz, Amethyst, Michel#2632-5	8.25
Comores	2010 MINERALS SS: Liddicoatite,Apophyllite,Stilbite,Thomsonite s/sheet Mi#2636	12.25
Comores	2010 Fossils & Dinos (4v shtlt): Cuvier & Ammonite, Therizonosaurus & T-Rex, Craspidites nodiger,Centrosaurus crane, Maclurite Triceratops, Mi#2642-5,	8.30
Comores	2010 Fossils & Dinos SS: Othnier Charles Marsh & dinosaur Mononkus squelette, fossil - Jeletzkytes nebrascensis souvenir sheet Michel#2650	12.30
Comores	2011 MINERALS I (5v shtlt): Rutile, Beryl, Baryte, Wulfenite, Apatite, Liddicoatite, Tourmaline, Siderite, Andalusite, Michel#2938-43	11.35
Comores	2011 MINERALS I SS: Cavansite & Sphalerite souvenir sheet Michel#2951	11.40
Comores	2011 MINERALS II (5v shtlt): Apophyllite, Vivianite, Pyrite, Malachite, Elbaite Tourmaline, Aragonite, Diamond, Michel#2944-8,	11.30
Comores	2011 MINERALS II SS: Benitoite, Neptunite, Calcite souvenir sheet Michel#2952	11.25
Congo	2006 Darwin(4v shtlt): Tourmaline, Fluorite, Malachite, Azurite, Chacoalumite, Yvert#RDC032	9.75
Congo	2006 Darwin SS: Azurite, (+ Styraeosaurus) souvenir sheet	7.50
Croatia	2010 MINERALS (2v shtlt) MS1040: Agate & Limestone,	2.50
Croatia	2012 MINERALS (2v shtlt)MS1131: Roselite from Pakoselo Quarry	3.75
Croatia	2014 MINERALS (2v shtlt)MS1222: Prehnite & Schist	3.30
Croatia	2016 MINERALS (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 First Day Cover,	3.50
Czech Rep.*	1999 750th Anniv.Jihlava Mining Rights(1v): medieval scene, SG240,	0.75
Czech Rep.	1999 Jihlava Mining SG240 on illustrated First Day Cover,	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) on illustrated First Day Cover	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
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 (<i>Prestamped Card</i>) <i>fossil design</i> ,	1.95
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): SG854-7 on illustrated First Day Cover ,	5.50
Falklands	1999 Gold Rush MS858: on illustrated First Day Cover ,	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, Cat.£7.00	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,	17.95
France	2016 200 th Anniv.National Mining School (1v): microscope, lamp, SG5997,	1.75
France	2016 Jewellery (1v): emeralds,	2.40
Fr.Antarctic	1994 <u>MINERAL</u> (1v) Cordierite, (Mg,Fe) ₂ Al ₄ Si ₅ O ₁₈ SG321,	2.50
Fr.Antarctic	1995 <u>MINERAL</u> (1v) Olivine SG335	2.70
Fr.Antarctic*	1998 <u>MINERAL</u> (1v): Quartz, SG379,	1.85
Fr.Antarctic*	1999 <u>MINERAL</u> (1v): Epidote (an Aluminium & Calcium Silicate), SG393	1.20
Fr.Antarctic	1999 Programme Geoleta (1v): map "Pointe Geologie", miners, SG403,	9.95
Fr.Antarctic*	2000 <u>MINERAL</u> (1v): Mica, SG419,	1.25
Fr.Antarctic*	2001 <u>MINERAL</u> (1v): Magnetite, SG439,	1.35
Fr.Antarctic*	2002 <u>MINERAL</u> (1v): Nepheline, SG480,	0.90
Fr.Antarctic*	2003 <u>MINERAL</u> (1v): Apatite, SG496,	0.75
Fr.Antarctic*	2004 <u>MINERAL</u> (1v): Chalcedony, SG516,	0.70
Fr.Antarctic*	2005 <u>MINERAL</u> (1v): Agate, SG530,	0.85
Fr.Antarctic*	2006 <u>MINERAL</u> (1v): Rutile, SG559,	0.70
Fr.Antarctic*	2007 <u>MINERAL</u> (1v): Corundum, SG571,	0.77
Fr.Antarctic*	2007 Archaeology (1v): site, fossils & archaeologists on St.Paul, SG580,	4.95
Fr.Antarctic*	2010 <u>MINERAL</u> (1v): Tourmaline, SG622,	0.95
Fr.Antarctic*	2013 <u>MINERALS</u> (2v): Haematite, SG685-6,	1.95
Fr.Antarctic*	2015 <u>MINERALS</u> (2v): Beryl, crystals & polished gemstones, SG735-6,	2.30
Fr.Antarctic*	2016 <u>MINERALS</u> (2v): Sphene (Titanite) CaTiSiO ₅ , SG771-2	2.25
Fr.Antarctic*	2017 <u>MINERALS</u> (2v): 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	MINERALS (6v shtlt): Chalcopyrite, Tetrahedrite, Topaz, Diopside, Cassiterite	12.90
Gambia	2015	MINERALS II (4v shtlt): Vivianite, Stibnite, Garnet, Amethyst,	9.90
Gambia	2015	MINERALS SS: Rhodochrosite MnCO ₃ souvenir sheet	6.95
Georgia*	2003	MINERALS (4v): Orpiment, Agate, Rock Crystal, Realgar+Orpiment, SG417-20	3.75
Georgia	2003	MINERALS (4v on illustrated First Day Cover) above SG417-20,	7.95
Georgia	2003	MINERALS (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): fine used was £1.70	0.80
Germany	1998	Grube Messel (1v): Fossil Crocodile, SG2861,	0.80
Germany	1998	Grube Messel (1v): SG2861 on illustrated First Day Cover	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 self-adhesive value, SG3754,	2.25
Germany	2015	MINERALS - Fluorite 250 th Anniv. Freiburg Mining School (1v): SG4020,	1.75
Ghana	1985	Exports (2v: two minerals - Gold & Bauxite, Cat. £7.50, SG1170-4,	5.75
Ghana	1988	Revolution (4v; one mining ore truck Cat. £26, Special Offer , SG1230-3	10.50
Ghana	2013	MINERALS - Agates (6v shtlt) MS3786: 6 different,	9.95
Ghana	2013	MINERALS MS3787: Amethyst souvenir sheet	5.75
Greece	2015	Volcanoes (4v): Nisyros (two different), Santorini, Mylos,	8.50
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	2015	Mining series V1 (2v): Gold Mine & Olivine (Mg.Fe) ₂ SiO ₄ , SG759-60,	6.50
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	MINERALS (6v shtlt): Azurite, Rhodonite, Ruby matrix, Barite, Sodalite, Chalcedony,	8.30
Grenada	2013	MINERALS 1 st (2v shtlt): Jade & Jasper,	5.50
Grenada	2013	MINERALS 2 nd (2v shtlt): Hornblende & dyed Howlite,	5.45
Grenada Gren. Carr.	2014	MINERALS (4v shtlt) MS4142: Stilbite, Tourmaline, Fluorapophyllite Garnet, Epidote 2Al ₂ (Fe ₃₊ ;Al)(SiO ₄)(Si ₂ O ₇)O(OH), Ruby	8.25
Grenada Gren. Carriacou	2014	MINERALS MS4144: Geotite & Malachite souvenir sheet	5.25
Grenada Gren. Carriacou	2014	MINERALS (4v shtlt) MS4142: Wulfenite, Hubnite, Mimetite, Calcite, Rose Mordenite, Cookeite,	8.20
Grenada Gren. Carriacou	2014	MINERALS MS4144: Pyromorphite & baryite souvenir sheet	5.20
Guinea-Bissau	2001	MINERALS (6v shtlt): 6 diff. - Amethyst, Malachite, Mi#1528-33	5.50
Guinea-Bissau	2001	MINERALS (9v shtlt): 9 diff. - central one is blue, Mi#1534-42	7.25
Guinea-Bissau	2001	MINERALS (9v shtlt): 9 different minerals, mostly pink, Mi#1543-51	6.95

Guinea-Bissau	2002	<u>MINERALS</u> SS: Skuttedudite/ Nelson Mandela souvenir sheet, Mi#1982 ,	7.75
Guinea-Bissau	2005	<u>MINERALS</u> & Dinosaurs (6v shtlt): six different minerals, Mi#3290-5	7.90
Guinea-Bissau	2005	<u>MINERALS</u> & Dinosaurs SS: minerals souvenir sheet, Mi#3296	7.25
Guinea-Bissau	2009	<u>MINERALS</u> (6v shtlt) Schorl Beryl, Celestite, Orpiment, Dolomite, Mi#4097-02	11.90
Guinea-Bissau	2009	<u>MINERALS</u> SS: Elbaite, Chalcopyrite, Covellite, Lepidolite, s/sht Mi#4103 ,	11.50
Guinea-Bissau	2009	<u>MINERALS</u> (5v shtlt): Crysobel, Fluorite, Amethyst, Topaz, Quartz, Mi#4396-00	11.30
Guinea-Bissau	2009	<u>MINERALS</u> SS: Malachite (+ 7 in the border!) souvenir sheet, Mi#4401	10.65
Guinea-Bissau	2009	<u>MINERALS</u> (5v shtlt): Aquamarine, Alexandrite, Pyrrhotite, Michel#4432-6	7.75
Guinea-Bissau	2009	<u>MINERALS</u> /Vol. Titanite/Chlorite (border Galena etc)s/sheet, Mi#4437	7.70
Guinea-Bissau	2010	<u>MINERALS</u> (6v shtlt): Variscite, Elbaite, Stibiconite, Adamite, Rhodochrosite & Quartz, Wulfenite & Mimetite, Michel#4985-90 ,	9.80
Guinea-Bissau	2010	<u>MINERALS</u> SS=2v shtlt): Malachite pseudo Azurite Planchete, Mi#4991-2	9.75
Guinea-Bissau	2010	Volcanoes (6v shtlt): S.Maria Guatemala, Colima Mexico, Michel#4961-6	7.50
Guinea-Bissau	2010	American Volcanoes (2v shtlt): Popocatepetl Mexico, Michel#4967-8	9.75
Guinea-Bissau	2011	<u>MINERALS</u> International Year of Chemistry (4v shtlt): all four are Minerals - Pyrites FeS ₂ , Quartz SiO ₂ , Fluorite CaF ₂ , Calcite CaCO ₃ ball stick models, Michel#5303-6	12.50
Guinea-Bissau	2011	Int.Year Chem. SS: Diamond + ball stick models souvenir sheet Mi#5307	11.25
Guinea-Bissau	2011	<u>MINERALS</u> SS: Smoky Quartz souvenir sheet Michel#5729	13.90
Guinea-Bissau	2012	<u>MINERALS</u> (4v shtlt): Galena, Inesite, Cerussite, Smithsonite + Cadmium, Michel#5927-30 ,	11.75
Guinea-Bissau	2012	<u>MINERALS</u> Cerussite SS: Rhodochrosite border souven/sheet, Michel#5931	10.95
Guinea-Bissau	2013	<u>MINERALS</u> (4v shtlt): Pyrites, Amethyst, Emerald, Chalcantite CuSO ₄ .5H ₂ O, Michel#6788-91 ,	10.35
Guinea-Bissau	2013	<u>MINERALS</u> SS: Mineralised ammonite souvenir sheet + Credite, Mi#6792	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, Michel#6882-5	10.40
Guinea-Bissau	2013	<u>MINERAL + Volcano</u> SS: Bronze Br. Adradite souvenir sheet, Michel#6886	9.30
Guinea-Bissau	2014	<u>MINERALS</u> (4v shtlt): Zoisite/Corundum, Fluorite, Quartz/Haematite, Haematite (Fe ₂ O ₃) (blue), Michel#7271-4	11.40
Guinea-Bissau	2014	<u>MINERALS</u> SS: Azurite Cu ₃ (CO ₃) ₂ (OH) ₂ souvenir sheet, Michel#7275 ,	10.40
Guinea-Bissau	2014	<u>MINERALS</u> (4v shtlt): Amethyst, Quartz & Haem Quartz, Barite (BaSO ₄)	11.35
Guinea-Bissau	2014	<u>MINERALS</u> SS: Nadorite (PbSbO ₂ Cl) souvenir sheet, Michel#7370	9.75
Guinea-Bissau	2015	<u>MINS</u> (4v shtlt) Malachite, Hemimorphite, Wulfenite, Amethyst, Mi#7639-42	9.95
Guinea-Bissau	2015	<u>MINERALS/Volcanoes</u> (4v shtlt): Labradorite Colima Mexico Pyrite & Pu'u O'o Hawaii, Amethyst Nyiragongo Congo, Michel#7846-9	11.60
Guinea-Bissau	2015	<u>MINERALS</u> SS: Bauxite souvenir sheet Michel#7650	9.80
Guinea-Bissau	2015	<u>MINERALS</u> (4v shtlt): Vanadinite, Azurite/Wulfenite, Azurite/Malachite /Quartz, Plumbogummite PbAl ₃ (PO ₄) ₂ (OH) ₅ .H ₂ O, Michel#7919-22	11.25
Guinea-Bissau	2015	<u>MINERALS</u> SS: Wulfenite PbMoO ₄ souvenir sheet Michel#7623 ,	9.20

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

Guinee	1998	<u>MINERALS</u> (3v shtlt): Calcite, Wolframite, Spodumene, all three have face values 750fr & are on a blue background Scott#1500	6.95
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Guinee	1998	<u>MINERALS</u> (3v): Psilomelane, Heterosite, Columbo-Tantalite, all 3 have face values 1500fr & are on blue background, Scott#1499D was £11.95	8.45
Guinee	1998	<u>MINERALS</u> (6v shtlt): 1500fr designs as above with blue background & sheetlet contains two sets=(2 X Scott#1499D), Offer was £23.80	16.90

Guinee	1998	<u>MINERALS</u> SS: Hale-Bopp Comet meteorite souvenir sheet (dino border)	6.50
Guinee	2002	Meteorites (3v shtlt):Tatahouine,Gao-Guenie,Great Sand Sea, Sc#2212	6.75
Guinee	2006	" <u>MINERALS</u> & Scouts"(3v shtlt): Shergottite=Olivine/Pegeonite, (+ fungi on other two values), Michel#4362-4	9.50
Guinee	2006	Shehrgottite SS - "Minerals & Scouts" souvenir sheet, Michel#4374	7.90
Guinee	2011	<u>MINERALS</u> (5v shtlt): Colemanite, Cassiterite, Chalcantinite Emerald, + another mineral entitled "Colemanite", Michel#8522-6,	14.95
Guinee	2011	<u>MINERALS</u> (3v shtlt): 3 copies of Legrandite, Michel#8532-4,	13.75
Guinee	2011	<u>MINERALS</u> (2 nd 5v sheetlet): Gadolinite (Ce,Nd,Y,La) ₂ FeSi ₂ Be ₂ O ₁₀ , Barite, Vesuvianite, Ca ₁₀ (Mg,Fe) ₂ Al ₄ (SiO ₄) ₅ (Si ₂ O ₇) ₂ (OH,F) ₄ , Amethyst, Dickite Al ₂ Si ₂ O ₅ (OH) ₂ , Michel#8527-31	14.90
Guinee	2011	<u>MINERALS</u> (2 nd 3v shtlt): Lepidolite x 3 copies KLi ₂ Al(Al,Si) ₃ O ₁₀ (F,OH) ₂ Michel#8535-7,	13.70
Guinee	2013	<u>MINERALS</u> (3v shtlt):Violane var.Diopside),Gmelinite,Rhodochrosite, Yv#6908-10	11.50
Guinee	2013	<u>MINERALS</u> SS: Amethyst & sulphur souvenir sheet, Yvert#1566	8.50
Guinee	2014	<u>MINERALS</u> (3v shtlt): Agate, Tourmaline, Opal, Mi#10,247-9	11.30
Guinee	2014	<u>MINERALS</u> SS: Wulfenite souvenir sheet Mi#10,250	10.20
Guinee	2015	<u>MINERALS</u> (4v shtlt): Erythrite - Co ₃ (AsO ₄) ₂ .H ₂ O, Malachite Cu ₂ Co ₃ (OH) ₂ Crocoite PbCrO ₄ , Cuprosklodowskite Cu(UO ₂) ₂ (HSiO ₄) ₂ .6(H ₂ O), Mi#11,033-6	9.20
Guinee	2015	<u>MINERALS</u> SS: Columbite-tantalite souven sheet Mi#11,037	8.30
Guinee	2015	<u>MINERALS</u> (4v shtlt): Fluorite, Calcite, Amethyst, Vanadinite,	10.45
Guinee	2015	<u>MINERALS</u> SS: Wulfenite PbMoO ₄ souvenir sheet	10.50
Guinee	2015	<u>MINERALS</u> (4v shtlt): Cassiterite,Hubnerite,Limonite,Topaz	10.50
Guinee	2015	<u>MINERALS</u> 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 ²⁺ , Cl ⁻ ,	9.00
Hong Kong	2002	<u>MINERALS</u> (4v shtlt)MS1118: Granite, Siltstone, Tuff, Conglomerate,	4.75
Hungary	1969	<u>MINERALS</u> & 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	<u>MINERALS</u> (2v): Scolecite & Stilbite, SG904-5,	1.60
Iceland	1998	<u>MINERALS</u> as above but SG904-5 on illustrated First Day Cover,	2.60
Iceland*	1999	<u>MINERALS</u> (2v): Calcite & Heulandite, SG933-4,	1.80
Iceland	1999	<u>MINERALS</u> as above but SG933-4 on illustrated First Day Cover,	2.80
Iceland	2007	Polar Year (2v shtlt)MS1162: erupting volcano souvenir sheet	6.50
Iceland	2014	<u>MINERAL</u> Rhyolite (xylophone - musical instrument) (1v): SG1415	1.95
Iceland	2014	<u>MINERAL</u> Rhyolite (xylophone) (1v): SG1415 as above but fine used	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, Cat.\$7.50	2.25
India*	2000	Gems & Jewellery MS1972: Cat.\$8.00	2.95
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,	0.55
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	0.50
India	2003	Waterfalls (4v): Jog, Kempty, Kakolat, Athiapalli, SG2149-52,	1.75
India	2003	Waterfalls (4v shtlt)MS2153: as above Jog, Kempty, Kakolat, etc	1.80
India	2006	Oil & Gas Industry (1v): platform, SG2338,	0.65
India	2006	Himalayan Lakes (5v): mountains, SG2354-8,	1.45
India	2008	Gas Authority (1v): SG2523,	0.65
India	2009	50 th Anniv. Indian Oil (1v): SG2599,	0.70
Indonesia	1993	Waterfall MS2114:Carik Kenangan waterfall souvenir sheet was £3.50	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, was £4.95 Sp.Offer	3.95
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, was £1.60 Sp.Offer	1.35
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): both sheets contain, <i>the scarce "Opal" value which does not exist in</i> <i>any other form.....</i>	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): both sheets contain, <i>the scarce "Javan Jade" value which does not exist in</i> <i>any other form.....</i>	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): both sheets contain, <i>the scarce "Copper Jasper" value which does not exist in</i> <i>any other form.....</i>	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 th 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 total £44.65 on offer	34.95
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, FINE USED	0.25
Israel	1981 MINERALS (3v) : Elat Stone, Star Sapphire, Emerald, SG828-30,	1.95
Israel	2001 Diamonds (3v shtlt): MS1550,	3.75
Israel	2001 Diamonds (3v shtlt): MS1550 on illustrated First Day Cover	4.95
Israel	2002 MINERALS & Fossils (3v shtlt)MS1612: Copper Minerals and 2 Fossils Ammonite, fish, only available on illustrated First Day Cover	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 th Anniversary (1v): SG3180,	1.60
Italy	2015 100 th Anniv.Marsica Earthquake & Mercalli volcanologist(2v): SG3619-20	4.35
Ivory Coast	2016 MINERALS (2v shtlt): Shattuckite (Cu ₅ (SiO ₃) ₄ (OH) ₂) & Dioptase,	9.75
Japan	1999 (Ehime Prefecture) 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 MINERALS /Salts(4v shtlt)MS2077:crystals KCl, MgCl ₂ , NaCl & view of Dead Sea,	3.95
Kazakhstan*	1997 MINERALS (4v) : Chalcedony, Malachite, Moss Agate, Opal, SG183-6, was £2.60 now on Special Offer	1.90
Kazakhstan	1997 MINERALS in sheetlets of 10 (40 values): (10 X SG183-6 as above),	24.95
Kazakhstan	1997 MINERALS (4v sheetlet) MS187 : Chalcedony, Opal, designs as above,	2.70
Kazakhstan*	2005 MINERALS (2v) Azurite and Agate, SG484-5,	1.95
Kazakhstan	2009 Oil Pipeline (1v) map, SG623,	1.95
N.Korea*	1995 MINERAL (1v) : Amethyst - bluish quartz (1v): SiO ₂ , SG3513,	0.60
N.Korea	1995 MINERALS (FINLANDIA 95)SG3513 as above but in superb 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 MINERALS (4v) : Iron pyrites, Magnetite, Limestone, Galena,SG4245-8	3.50
N.Korea	2002 MINERALS (12v sheetlet) : 3 sets of the above SG4245-8 + border	9.95
N.Korea	2002 MINERALS booklet : 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 booklet designs as above in sheetlet of 4v	6.90
N.Korea	2013 Fossils (3v):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
Kyrgyzstan	1994 MINERALS (6v+SS) : Cinnabar, Calcite, Fluorite, Getchellite, Barite, Stibnite, Orpiment souvenir sheet, SG36-41 + MS42,	9.70
Kyrgyzstan	1994 MINERALS (6v shtlt) : Cinnabar, Calcite, Fluorite, Getchellite, Barite, Stibnite, contains all above values except Orpiment,	7.50
Kyrgyzstan Express	2016 MINERALS (4v) : Aragonite, Realgar, Stilbite, Kyanite, SG17-20	8.50
Kyrgyzstan Express	2016 MINERALS (4v shtlt)MS21 : Aragonite, Realgar, Stilbite, Kyanite	8.75

Liberia	2013	<u>MINERALS</u> (1 st 3v shtlt): Aquamarine, Euclase BeAlSiO ₄ (OH), Rainbow (Andradite) Garnet,	7.30
Liberia	2013	<u>MINERALS</u> (1 st 2v shtlt): two different Agates,	6.75
Liberia	2013	<u>MINERALS</u> (2 nd 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 illustrated First Day Cover	6.90
Liechtenstein	2014	Year of Crystallography (2v): crystals, SG1695-6	6.80
Lithuania	1999	Amber in the EUROPA issue (2v: one <u>MINERAL</u>); SG699-700,	0.95
Lithuania	1999	Amber (2v: one <u>MINERAL</u>); on First Day Cover was £1.95, on offer	1.50
Luxembourg	2000	Anniv. of Conversion to Natural Gas from Town Gas (1v) SG1535,	0.95
Macedonia	1997	<u>MINERALS</u> (2v): Antimonite & a thallium arsenide TlAsS ₂ , 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 th Anniv.Skopje Earthquake (1v):damaged buildings railway stn.,SG807	5.95
Malagasy	1998(1997 imprint)	<u>MINERALS</u> (3v sheetlet): Agate, Malachite, Dioptase, Garnet, Chrysocola, Wulfenite, Scott#1350	9.90
Malagasy	1998 (7)	Meteorites SS: various MINERALS (of Martian origin), Scott#1351	4.95
Malagasy	1998	<u>MINERALS</u> (2v sheetlet): Carnotite & Vanadinite, Scott#1373	8.95
Malagasy	1999	<u>MINERALS</u> (4v shtlt):Rhodonite,Granite,Jasper,Morganite, Scott#1468	7.90
Malagasy	2014	<u>MINERALS</u> (4v shtlt): Fluorite, Cu ₃ AsO ₄ (OH) ₃ , Bayldonite, Rabbittite (Ca ₃ Mg ₃ (UO ₂) ₂ (CO ₃) ₆ (OH) ₄ .18H ₂ O, Clinoclase,	8.50
Malagasy	2014	<u>MINERALS</u> SS: Cacoxenite (Fe Al Phosphate) souvenir sheet	9.75
Malaysia	2015	Pearls (3v+SS): SG2093-5+MS2096	6.95
Maldives	2015	<u>MINERALS</u> & Bflies (4v shtlt): Orpiment, Agate, Mi#6414-7	8.95
Maldives	2015	<u>MINERALS</u> SS: Bottinger marble souvenir sheet Mi#6418	6.95
Mali	1997	Birds SS: <u>MINERALS</u> in the border, Quartz & Malachite, Scott#943	5.95
Mali	1997	<u>MINERALS</u> (3v sheetlet); Gold, Wulfenite, Quartz, Scott#952	9.95
Marshall Is.	2015	Dinosaurs fossils (4v): Protoceratops, Stego- T-Rex,	2.95
Mauritania	2003	Trains(3v): Mineral railway, passenger train and desert!, Scott#753-5	5.95
Mauritania	2005	45 th Anniv. Indep. (2v): Oil platform, mining, ships, Scott#778-9	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 - Gold , Myrrh, Frankins,SG2147-8	1.80
Mexico	1998	Oil Industry College (1v): rig at sea, SG2553,	1.50
Mexico	2004	<u>MINERALS</u> (1v): Amethyst Quartz,SG2826 on illustrated First Day Cover	3.60
Mexico	2010	Amber Marimba (1 vaalue): SG3191,	4.25
Mexico	2012	Oil Congress (2v): SG3337-8,	3.95
Mexico	2013	75 th 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
Montserrat	1997	Volcanic Eruption 2 nd Anniv. (9v sheetlet): panoramic view, flora/fauna, only available on illustrated First Day Cover , SG1406-14	6.75
Montserrat	1998	Eclipse (4v): including volcanic eruption, SG1104-7	3.40

Montserrat	2013	<u>MINERALS</u> (6v sheetlet)MS1557: Chrysoberyl, Microcline, Garnet, Lapis lazuli, Feldspar - Sunstone, (+ Amber	8.90
Montserrat	2013	<u>MINERALS</u> MS1558: Orpiment souvenir sheet	3.60
Morocco	1981	<u>MINERALS</u> (2v): Azurite, Malachite & Onyx, SG563-4,	1.80
Morocco	2015	<u>MINERALS & FOSSILS</u> (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, Scott#2726, Michel#6083-6,	13.50
Mozambique	2012	Mary Anning SS: Plesiosaurus macrocephalus souv./sheet Michel#6087	9.60
Mozambique	2013	<u>MINERALS</u> (4v shtlt):Scapolite,Tourmaline,Beryl varieties, Mi#6279-82	11.30
Mozambique	2013	<u>MINERALS</u> SS: Tourmaline & Scapolite souvenir sheet Michel#6283	10.25
Mozambique	2013	<u>MINERALS/Volcanoes</u> (4v shtlt): Emerald, Popocatepetl, Beryl, Chrysoprase & Augustine, Topaz & Mount Bromo, Michel#6637-40	12.25
Mozambique	2013	<u>MINERALS</u> SS: Topaz & Puu Oo volcano souvenir sheet Michel#6641	9.90
Mozambique	2013	<u>MINERALS</u> (4v shtlt): Azurite, Amethyst, Garnet/Smokey Quartz, Mi#6792-5	9.85
Mozambique	2013	<u>MINERALS</u> SS: Aragonite souvenir sheet Michel#6796	9.25
Mozambique	2014	<u>MINERALS</u> (4v shtlt): Malachite, Amethyst, Pyrites, CuSO ₄ Yv#6247-50	10.25
Mozambique	2014	<u>MINERALS</u> SS: Halite souvenir sheet Yvert#888	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,Chalcanthite,	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, scarce , SG323	1.50
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 th Anniv. of 1 st 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	7.75
Nepal	2015	Earthquake Advice (1v): people cower below a table,	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, Cat.£7.00	3.75
Netherlands Antilles	1998	<u>MINERALS</u> (2v SG1311-2 above on illustrated First Day Cover	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, Cat.£5.00	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 th 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 th Anniv. of Ascent of Everest (2v) SG2616-7	0.75
New Zealand	2003	50 th 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), Scott#1086	5.90
Niger	2013	<u>MINERALS</u> (4v shtlt): Gold, Silver, Diamond & Tin, Michel#2257-60	11.30
Niger	2013	<u>MINERALS</u> SS: Rock Crystal NaCl souvenir sheet Michel#2261	10.50
Niger	2013	<u>MINERALS/Volcanoes</u> (4v shtlt): Hemimorphite, Calcite, Vanadinite, Red Calcite, Redoubt Alaska, Chaiten Chile, Scott#1243, Michel#2273-6	9.90
Niger	2013	<u>MINERALS/Volcano</u> SS: Etna & Pyrite souvenir sheet Scott#1266, Mi#2277	7.95
Niger	2013	Minerals (4v shtlt): Jasper, Smokey Quartz, Malachite, Amethyst, Mi#2525-8,	12.70
Niger	2013	Minerals SS: Chalcedony souvenir sheet Michel#2529	10.80
Niger	2014	<u>MINERALS/Vol.</u> (4v shtlt): Agate, Amazonite, Quartz, Amethyst, Michel#3002-5	12.40
Niger	2014	<u>MINERALS/Volcano</u> SS: Stromboli & quartz souvenir sheet Michel#3006	11.30
Niger	2015	<u>MINERALS</u> (4v shtlt): Muscovite, Sodalite, Sphalerite, Marcasite, Michel#3390-3	11.50
Niger	2015	<u>MINERALS</u> SS: Peridot (Mg.Fe) ₂ SiO ₄ souvenir sheet Michel#3394	9.95
Niger	2015	<u>MINERALS</u> (3v shtlt): Autunite Ca(UO ₂) ₂ PO ₄ ·10-12H ₂ O, Wulfenite, Aurichalcite (Zn,Cu) ₅ (CO ₃) ₂ (OH) ₆ Michel#3590-2,	11.95
Niger	2015	<u>MINERALS</u> (4v shtlt): Autunite Ca(UO ₂) ₂ (PO ₄) ₂ ·10-12H ₂ O, Andradite, Euclase,	12.95
Niger	2015	<u>MINERALS</u> SS: Cavansite & Ruby souvenir sheet	11.90
Niger	2015	<u>MINERALS</u> (4v shtlt): CuSO ₄ , Amethyst, Aragonite, Malachite	10.80
Niger	2015	<u>MINERALS</u> SS: Dioptase souvenir sheet	8.95
<u>Nigeria</u>	1953	2d. Tin Panning (1v): <i>fine used</i> 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 on illustrated First Day Cover,	2.50
Norway	1998	<u>MINERALS</u> (2v): Silver & Cobaltite, SG1316-7 in Presentation Pack	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 & POLISHED STONES</u> (8v setenant): Apatite, Vesvaunite, Garnet, Aquamarine, Epidote, 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 & Wawoi 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 on illustrated First Day Cover,	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 ₄ MnSb ₆ S ₁₄ , 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 on two illustrated First Day Covers,	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 <u>MINERALS</u> (4v): Sphalerite,Chrysoprase,Agate,Gypsum,SG4431-4, Cat.£13.00	7.85
Poland	2013 <u>MINERALS</u> (4v): Malachite/Azurite, Halite, Marcasite, Gypsum, SG4554-7	7.70
Poland	2013 <u>MINERALS</u> (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 ₂ 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 th 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 was 2.95 on offer1.95	
Romania	2006 <u>MINERALS</u> (6v):Fluorite,Quartz,Agate,Sphalerite,Amethyst,SG6693-8,	3.85
Romania	2006 <u>MINERALS</u> (6v shtlt) MS6699: designs as above, Amethyst, Stibnite,	3.90
Romania	2006 <u>MINERALS</u> (4 PSE'S) 100 th Anniversary of Romanian Geological Institute 4 fabulous <u>MINERALS</u> 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 <u>MINERALS</u> (4v): Geology - four different minerals, Charoite, Haematite, Rock crystals and gold, SG6946-9	1.25
Russia	2000 <u>MINERALS</u> (4v): SG6946-9 on 2 illustrated First Day Covers,	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 <u>MINERALS</u> (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 <u>MINERAL</u> Pitchblende UO ₂ & 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 <u>MINERALS</u> (4v shtlt):Spodumene,Kudzite,Opal,Barite, Calcite, (4 labels: Azurite,Muscovite, Vivianite,)Mi#2769-72	7.90
Sao Tome e Principe	2009 <u>MINERALS</u> /Naturalists (6v shtlt): Norman L.Bowen + Vulcanologist Haroun Tazieff 1914-98, (+ Darwin dinosaur) Michel#3506-11	9.70
Sao Tome e Principe	2009 Dinos/ <u>MINERALS</u> (5v shtlt): Sphalerite/Triceratops,Spessartine (Garnet),Pyromorphite,Hollandite/Vanadinite,Dioptase, Mi#4103-6	12.25

Sao Tome e Principe	2009	Alfred Wallace (4v shtlt):one red <u>MINERAL</u> (+ 4 dinos,) Mi#4130-33	9.85
Sao Tome e Principe	2011	<u>MINERALS</u> (2v shtlt): Aquamarine & Muscovite from China	9.20
Sao Tome e Principe	2013	<u>MINERALS</u> /Scouts (4v shtlt): Uraninite (Pitchblende U ₂), Emerald Be ₃ Al ₂ (SiO ₃) ₆ , Orpiment As ₂ S ₃ , Calcite CaCO ₃ , Mi#5166-9	9.95
Sao Tome e Principe	2013	<u>MINERALS</u> /Scouts SS: Crocoite PbCrO ₄ souvenir sheet Michel#5170	9.90
Sao Tome e Principe	2014	<u>MINS</u> (4v shtlt): Rhodochrosite, Hutchinsonite, Stilbite Torbernite, Scott#2682 ,	11.20
Sao Tome e Principe	2014	<u>MINERALS</u> SS: Galena souvenir sheet, Scott#2700	11.25
Sao Tome e Principe	2014	<u>MINERALS</u> (4v shtlt):Spessartine (Mn ₃ Al ₂ (SiO ₄) ₃ , Boracite, Dioptase, Scott#2770	9.45
Sao Tome e Principe	2014	<u>MINERALS</u> SS: Amethyst souvenir sheet, Scott#2790	9.55
Sao Tome e Principe	2015	<u>MINERALS</u> (4v shtlt): Fluorite, Wulfenite, Cobaltosmithsonite, Rhodochrosite, Scott#2894	7.25
Sao Tome e Principe	2015	<u>MINERALS</u> SS: Emerald souvenir sheet Scott#2912	7.90
Sao Tome e Principe	2015	<u>MINERALS</u> (4v shtlt): Pruosite, Mimetite/Wulfenite, Metatorbenite Cu(UO ₂) ₂ (PO ₄) ₂ .8H ₂ O, Scott#2973	11.90
Sao Tome e Principe	2015	<u>MINERALS</u> SS: Pyrites souvenir sheet Scott#2992	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 th 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 ₂ .nH ₂ O & SiO ₂ +label, SG668-9,	3.90
Slovakia	2014	International Year of Crystallography (1v): SG679,	2.90
<u>Slovenia*</u>	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 illustrated First Day Cover ,	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 illustrated First Day Cover ,	1.95
Slovenia*	2000	Fossil in rock (1v): trilobite, SG444	1.50
Slovenia	2000	Trilobite fossil SG444 on illustrated First Day Cover ,	1.90
Slovenia*	2000	<u>MINERALS</u> (1v): Dravite, SG445,	0.85
Slovenia	2000	<u>MINERAL</u> SG445 as above but on illustrated First Day Cover ,	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 illustrated First Day Cover ,	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 & MINERALS (4v shtlt): Mimetite/Wulfenite, Tsumcorite, Smithsonite, Ove & Kavachi Volcanoes, Michel#1441-4,	6.90
Solomons	2012	MINERALS /Volcanoes SS: Mimetite with Smithsonite, + border contains Anglesite, Calcite with Dioptase, Smithsonite and Mimetite, + Tinakula volcano different souvenir sheet, Michel#1445	5.15
Solomons	2013	Fossil (+ dinos)(4v shtlt): Megapnosaurus, Ammonite, Michel#1466-9	5.75
Solomons	2013	Fossil (+ dinos)SS: Tyrannosuarus Rex souvenir sheet Michel#1470	6.95
Solomons	2013	MINERALS & Nelson Mandela (4v shtlt): Prehnite/Epidote Liddicoatite/Tourmaline, Quartz/Amethyst, Michel#1831-4	5.75
Solomons	2013	MINERALS & Nelson Mandela SS: Vanadinite souvenir sheet, Michel#1835	3.95
Solomons	2013	MINERALS (4v shtlt): Haematite, Sphalerite, Chalcotite, Michel#2017-20	5.75
Solomons	2013	MINERALS SS: Pyrite & Chalcotite souvenir sheet Michel#2021,	6.95
Solomons	2014	MINERALS (4v shtlt): Jasper, Fluorite/Barite, Rhodochrosite Aquamarine/Muscovite, Michel#2692-5	6.25
Solomons	2014	MINERALS SS: Andradite/Hedenbergite souvenir sheet, Michel#2696	7.70
Solomons	2015	MINERALS (4v shtlt): Calcite on Sphalerite, Chalcanthite, Rhodochrosite, Tourmaline, Michel#3092-5,	9.30
Solomons	2015	MINERALS SS: Smokey Quartz souvenir sheet Michel#3096	8.25
Solomons	2015	MINERALS (4v shtlt): Pyromorphite, Inesite, Pyromorphite, Rhodonite	11.20
Solomons	2015	MINERALS SS: Chalcocopyrite souvenir sheet	8.95
Solomons	2015	MINERALS (4v shtlt): Smoky quartz & Agardite, Citrine, Elbait	6.90
Solomons	2015	MINERALS SS: Fluorite souvenir sheet	8.40
Somali Rep.	1997	MINERALS SS: Rhyolite souvenir sheet,	1.95
Somali Rep.	2000	MINERALS (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	MINERALS 4v): Manganese, Chromium, Vandium, 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. Cent.date stamp cover	0.97
South Africa	1996	U.S.Geology Department Matieland Cent. date stamp cover,	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 th Geology Congress (10v shtlt): fossils, Karoo Supergroup, Cross-section Barberstone & Grqueland West Supergroups, Kimberlite Volcanic pipe, Bushveldt igneous complex, SG2216-25	15.90
South West Af.	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	MINERALS (3v):Dolomite,Aragonite,Mineral Museum,SG3314-6, was £1.10	0.75
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	MINERAL (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 MINERAL (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
Surinam	1995 Waterfall (1 value): SG1645, Cat.£16.00	6.95
Surinam	1997 State Oil Industry (4v booklet): refinery, rig, etc. SG1734-7, Cat.£8	3.90
Surinam	1997 State Oil SG1734-7 on illustrated First Day Cover ,	4.70
Sweden	2004 Mining Town (4v) SG2318-21,	3.95
Switzerland	2002 MINERALS (2v) : Rock Crystal = Quartz , & Titanite, SG1522 & 1525,	7.95
Switzerland	2002 MINERALS (2v) ; Quartz & Titanite SG1522-3 on TWO illustrated FDC's)	8.95
Switzerland	2003 MINERALS (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 illustrated First Day Cover with fossil pmk	2.50
Switzerland	2004 Monte San Giorgio fossil (6v sheetlet): six copies of SG1618	7.50
Switzerland	2014 MINERALS 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 MINERALS (6v+2 minerals labels) : Topaz, Ruby, Tourmaline, Amethyst, Sapphire, Antimonite, Spinel, Lapis Lazuli, SG130-5	4.95
Tajikistan	1998 MINERALS MS136: Agate souvenir sheet,	3.90
Tajikistan	1998 MINERALS (6v+SS) 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,	5.50
Tanzania	1986 MINERALS (4v) :Tanzanite,Diamonds,Sapphire,Pearls, SG469-72, Cat.£11	5.95
Tanzania	2002 Independence (6v; one contains several minerals , SG2301-6,	4.75
Tanzania	2004 MINERALS & Mining (4v): Gemstones, miners at Williamson diamond mine Small scale gold mining, miners drilling, SG2416-9,	3.95
Tanzania	2004 MINERALS & Mining (4v shtlt) MS2421: designs as above,	4.80
Tchad*	1998 Diamond & Nelson Mandela (1 value): Scott#717	1.25
Tchad	1998 Diamond souvenir sheet design as above, Scott#717 but souv.sheet	8.50
Tchad	1999 Prehistory (6v shtlt): Fossils - harlania enigmatica, spirophyton, Dino prints dunes of Djourab, Cave Paintingsat Borkou, Scott#792	3.50
Tchad	1999 MINERALS (6v+SS; Scott#839-45 on two illustrated First Day Covers ,	13.50
Tchad	2001 Fossils (4v shtlt): Archaeopteryx lithographica, Coosella cambr., Stenosaurus bollensis, Keitchousaurus, Rhamphorhynchus, Scott#930	3.50
Tchad	2001 Meteorites (8v = 2 shtlts of 4v): Iron "Pallasites", Chondrites, Iron mesosiderites, Ben gubbinites, Howardites, SNC, Scott#932/935	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	2001 Gemstones (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 illustrated First Day Cover ,	2.50
Togolaise	1997 MINERALS (6v shtlt) : Rubies, Uranite, Diamond, Halite, Scott#1826	9.90
Togolaise	1999 MINERALS (6v) : Calcite, Turquoise, Tourmaline, Pyrites, Sc#1856-61	4.50
Togolaise	1999 MINERALS Scott#1861A : Beryl souvenir sheet,	2.70
Togolaise	1999 MINERALS (6v) : Beryl souvenir sheet on illustrated First Day Cover ,	5.50
Togolaise	1999 MINERALS Scott#1861A : Beryl s/sheet on illustrated First Day Cover ,	3.70
Togolaise	2011 Oil Spills(4v shtlt):Clean-up operation,platform,(+seabird, Mi#3859-62	10.90
Togolaise	2011 Volcanoes(4v shtlt):Etna,Krakatoa,Tungurahua,Doinya Lengai, Mi#3809-12 ,	10.90
Togolaise	2011 Orchids & Volcanoes SS: souvenir sheet Michel#3813	10.95

Togolaise	2011	Mandela <u>MINERALS</u> (4v shtlt): Vanadinite, Spinelle, Grossularite, Haematite, Michel#3974-7	9.70
Togolaise	2011	Mandela- <u>MINERALS</u> SS: Amethyst-Quartz souvenir sheet Michel#3978	9.75
Togolaise	2011	Berthier - <u>MINERALS</u> (4v shtlt): Vanadinite, Spinelle Haematite, Andradite "Grossulaire", Michel#4019-22	9.80
Togolaise	2011	Berthier - <u>MINERALS</u> SS: Haematite souvenir sheet, Michel#4023	9.85
Togolaise	2012	Rift Valley (4v shtlt): <u>Tanzanite, Spessartite</u> , (+mammals, Michel#4193-6	9.80
Togolaise	2012	<u>MINERALS</u> (4v shtlt): Scorodite/beudantite, Azurite/copper, Cerussite/Linarite, Cobaltian Smithsonite, Michel#4398-01	9.45
Togolaise	2012	<u>MINERALS</u> SS: Aragonite Tarnowitzite souvenir sheet Michel#4402	9.40
Togolaise	2012	<u>MINERALS</u> (+ Scouts/Birds) (4v shtlt): <u>Malachite, Quartz</u> , (+ birds Red-winged Pytilia, Green-backed Twinspot), Michel#4443-6 ,	9.25
Togolaise	2014	<u>MINERALS</u> (4v shtlt): Azurite, Dioptase bayldonite, Sphalerite, Yv#3968-71	9.90
Togolaise	2014	<u>MINERALS</u> SS: Fluorapatite souvenir sheet, Yv#856	8.80
Togolaise	2015	<u>MINERALS</u> (4v shtlt) Disthene, Aragonite, Tanzanite, Apatite Yellow, Yv#4356-9 ,	10.80
Togolaise	2015	<u>MINERALS</u> SS: Tanzanite/Prehnite souvenir sheet Yvert#953	9.20
Togolaise	2015	<u>MINERALS</u> (4v shtlt): Azurite/Malachite, Dioptase, Fluorite, Nahcolite,	14.30
Togolaise	2015	<u>MINERALS</u> SS: Aventurine souvenir sheet	11.20
Togolaise	2015	Baden-Powell (4v shtlt): Amethyst, (+ Scouts planting tree, fungi),	13.25
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 th Anniv. of Eruption (4v): ship, etc. SG1035-8,	5.15
Tristan da Cunha	2011	Volcano 50 th Anniv. of Eruption MS1039: S.S.Tjisajane souvenir ship	3.85
Tristan da Cunha	2012	2 nd issue Eruption (4v): survey team, Roy. Society, helicopter, SG1040-3	7.50
Tristan da Cunha	2012	Volcano 2 nd issue Anniv. of Eruption MS1044: Landing party s/sheet	3.90
Tristan da Cunha	2013	3 rd issue Eruption (4v): resettlement, ships, quay, SG1078-81	5.20
Tristan da Cunha	2013	3 rd issue Eruption MS1082: resettlement, beach, ships souvenir sheet,	3.85
Tristan da Cunha	2014	4 th Eruption (4v) HMMV Stirling Castle/Tristianana, Puma, Jaguar, SG1087-90	5.22
Tristan da Cunha	2014	Volcano 4 th 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	<u>MINERALS</u> (6v shtlt): <u>Syngenite</u> K ₂ Ca(SO ₄) ₂ .H ₂ O, Agate SiO ₂ , Rhodonite (Mn, Mg, Fe, Ca, SiO ₄), Labradorite (Ca[Al ₂ Si ₂ O ₈] - Na[AlSi ₃ O ₈] Carpathite (hydrocarbon mineral & Amber (ditto) Scott#813	4.50
Ukraine	2013	Vladimir Vernadsky (1v): Mineralogist, 1863-1945, Scott#911	1.25
Ukraine	2013	Odessa Port (1v): gas terminal, ship & geology, Scott#	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, Cat.£15.50	3.90
Uruguay	2012 100 Years of Mining (1v): stylized crystals, miner, pickaxe,	1.60
Uzbekistan	25 th 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, Cat.£11	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. Catalogued value £45.00, on Special Offer,	22.50
Venezuela	2006 OPEC (12v shtlt)MS3721:petroleum/oil industry,PDVSA Oil Refinery Qatar, UAE, Libya, Nigeria, Catalogued value £48.00, on Special Offer,	19.90
Vietnam	1993 Gemstones MS1831: Ruby & Sapphire souvenir sheet,	2.95
Vietnam	1993 Gemstones MS1831: on illustrated First Day Cover 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 illustrated First Day Cover,	2.95
Virgin Is.	1998 Salt (2v): gathering in salt pond, Salt Island, SG1003 & SG1006	2.25
Yemen	2007 MINERAL (8v): different types of the Onxy; with leaves, SG366-73,	15.95
Yemen	2007 MINERAL Yemeni Onyx MS374: different souvenir sheet, Scott#875	4.95
Yugoslavia	1990 Dr.Bozo Milanovic Birth Centenary - Geologist (1v): SG2674	1.15
Yugoslavia	1999 Mining (4v): early mining, panning etc. SG3225-8, Cat.£4.80	2.25
Yugoslavia	1999 Mining (4v): on two illustrated First Day Covers	2.50
Yugoslavia	2001 MINERALS (4v+label) Calcite, Antimonite, Quartz, Galena, SG3317-20	2.20
Yugoslavia	2001 MINERALS (20v sheetlet=5 X 4v+label above) :(SG3317-20 X 5), Cat£21	11.00
Yugoslavia	2001 MINERALS (4v) SG3317-20 on illustrated First Day Covers	3.70
Zaire	1983 MINERALS (8v) : 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 used	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, Cat.£4.50,	1.80
Zimbabwe	2000 Mining Industry (1v): Miner at face, SG1014	0.50
Zimbabwe	2002 MINERALS (4v) :Agate,Aquamarine,Diamond,Emerald,SG1079-82, Cat.£6.75	2.95
Zimbabwe	2002 Minerals (4v): Agate etc. SG1079-82 on illustrated First Day Cover,	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