

Clocks

Gems & Minerals

Jewelry







Coins



Glimpses into the World of GEMS & JEWELRY Through POSTAGE STAMPS





Gold & Silver



A Thematic Journey into the world of Philately

Dr. Rajnikant Shah

Paraphernalia











Various Headers for our Stamp Website



Gemstones



Minerals





Coins





Countries

A UNITY IN DIVERSITY



Shri Mahavir Swami Temple



Shri Adinath Jinalaya



Navakar Mantra

JAIN CENTER OF AMERICA

charitra



Shri Jin Kushal Suri Dadawadi



Shrimad Rajchandra Hall



Shri Ashtapad Maha Tirth

हमसफर – 1 – गुजराती शेर और शायरी का हिन्दी अनुवाद
हमसफर – 2 – सरल शायरी – उर्दू के सरल शेरों का एक संकलन
हमसफर – 3 – गुजराती गज़लो का हिन्दी अनुवाद
हमसफर – 4 – गुजराती रचनाओं के आधार पर हिन्दी में स्वयं रचित
हमसफर – 5 – भाई की विरासत – Brother's Legacy

A Thematic Journey into the World of Gemstones, Minerals, Jewelry, Clocks, Coins (Numismatics), Gold & Silver -

http://www.drshahstamps.com/

Jain Temple - Jain Center of America Inc. - New York – "A Unity in Diversity"

https://www.nyjaincenter.org/

Art Work - A Pictorial Guide to Jainism – Principles & Practices – 640 Posters & Paintings -

https://youtu.be/6IADYqM9bWw

Ashtapad Maha Tirth - A Temple Carved from Crystal & Gemstones – https://www.nyjaincenter.org/

Ashtapad Granth – Part I & II – Jain eLibrary

Part I: https://jainelibrary.org/book-detail/?srno=009853

Part II: https://jainelibrary.org/book-detail/?srno=009860

Museum of Gem & Jewellery Federation Jaipur, India –

http://www.mgjjaipur.com/

Ratna Mandir–Gemstone Idols – A Temple, Art Gallery & Museum of Idols – <u>http://www.ratnamandir.org/</u> (under construction)

Humsafar 1 – 5 – Gujarati Sher O' Shayari: A Collection in Hindi











drshahstamps.com

youtu.be/_nPCdBTuMf0

ratnamandir.org

Humsafar 1-5

nyjaincenter.org

jainelibrary.org

mgjjaipur.com



A Thematic Journey into the world of Philately

With Compliments Dr. Rajnikant Shah Author: Dr. Rajnikant Shah

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"Every block of stone has a statue inside it, and it is the task of the sculptor to discover it." – Michelangelo



Dedicated to Real Gems Inc., New York A 50 Years of Service to the Trade

Author worked here 1976–2006

With Compliments from the World of Philately









Stamp Poster Book - Master Index

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Glimpses into The World of Gems & Jewelry Through Postage Stamps

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"Each moment you are alive is a gem. It needs you to breathe gently for the miracles to be displayed." – Nhat Hanh

"Let us carve gems out of our stony hearts and let them light our path to love" – Rumi

An Introduction to the Book

Our postage stamp collection is unique, focusing on stamps related to *Gemstones, Minerals, Jewelry, Clocks, Coins-Numismatic, Gold & Silver*, and even Artwork carved from Gemstones. This collection includes over 10,000 individual items and more than 25,000 pieces when considering variations and additional Paraphernalia all related to the world of Gems and Jewelry, and non-philatelic material, such as Cinderella.

The book is divided into two main sections: **General Articles** and **Stamp Posters**. The General Articles provide an overview of stamp collecting and telling the story of how a stone becomes a jewel, along with details about our stamp website, Making of a Museum, Special Artwork – Carved and Created from gemstones like Ashtapad and Ratna Mandir. The Stamp Poster section features 73 posters, showcasing various aspects of the subjects mentioned above.

The stamps in the collection highlight the cultural identities of various countries, featuring gemstones, crafts, and iconic products. For example, Clocks symbolize European heritage, Jewelry reflects ancient civilizations, Coins reveal historical progress, and Gold & Silver represent cultural legacy.

"Romancing the Stone" Section – Gemstone, Jewelry, and Other Posters

The "Romancing the Stone" section showcases a captivating collection of posters on the *above-mentioned* subjects. Each poster features stamps along with its variations, which may include categories like Rough Stone, Cut Stone, Jewelry, Block, Meter Mark Cancellation, Souvenir Sheet, First Day Cover, Error, and Proof. Alongside the stamps, there is a brief description of each stamp, highlighting its features and the country of origin. This is followed by the image of a rough stone, along with an image of an idol carved from the named stone.

Special Section: Gemstone Carvings and A Work of Art

The Special Section is dedicated to the art of gemstone carving. While working with rough stones, I started exploring ways to transform them into works of art. This led to the creation of religious idol carvings using stones I had collected from around the world. Subsequently, a temple was carved with gemstones, namely Ashtapad.

The Ashtapad Maha Tirth – Mountain, carved from crystal, which has 24 niches, each having a gemstone idol. The Navkar Mantra poster showcases both a gemstone carving and a painting, while the Ratna Mandir poster presents a collection of gemstone idols to be displayed in an Art Gallery. A write-up accompanies each piece, giving details about the idols.

An Introduction to the Book

General Section: Philatelic Terms and Collectibles-Non-Philatelic Material

The general section delves into topics commonly encountered in philatelic collections, including paraphernalia like **Postal Covers, Envelopes, Meter Mark Cancellations, First Day Covers, Errors, Proofs, Full Sheets, and Other Related Materials**. Additionally, the section includes explanations of terms that are frequently used in the philatelic world, helping to familiarize both newcomers and experienced collectors with the terminology as given in the General Article section.

This material provides an added layer of interest for collectors, offering a broader perspective on how gemstones and related subjects are depicted across different forms in addition to philatelic items, the exhibit also includes non-philatelic material, valued for its advertising potential and as souvenirs. of art and media.

Whatever information is given here is correct to the best of our knowledge. None of the material has been checked for authenticity. There may be some mistakes or wrong information, for which please excuse us. We would appreciate it if you can bring any such mistake to our knowledge. We will try to correct.

Special Thanks:

The stamps featured in this collection were sourced from our website, <u>www.drshahstamps.com</u>, which was developed 20 years ago by Mr. Rahul Jain, and his team. The write-ups for the idols were contributed by Samta Baid, while the stamp descriptions were written by various college students. Shreyansh Daga made the posters and helped in designing & compiling the book. Ms. Leela Munsiff helped us in designing the cover pages. Ms. Gunjan Sharma helped in editing the book.

Mr. Ram Avtar Koolwal played a key role in printing the book, which has now been presented in this final format. I would like to express my heartfelt gratitude to all those who contributed to the project. Special thanks to the printer.

Finally, I would like to thank the directors and staff of Real Gems Inc. for their continuous support throughout this journey.

For stamp enthusiasts and collectors, more information is available on our website, <u>www.drshahstamps.com</u>, where you can explore in-depth content about stamps featuring gemstones and jewelry.

"Don't be a hard rock when you really are a gem" – Lauryn Hill

Story of Stamp Collecting

I lived in a small village in North Gujarat where I studied up to class 6, and I then moved to Jaipur for further studies in 1946-47. Our office and the residence were in the same building in Jaipur. So, whenever I got time, I would go to the office. There I saw some envelopes that the office received from India and Burma. My uncle used to get some mail from Africa as well with interesting stamps. These envelopes had nice looking stamps, which started to appeal to me. Hence, I started collecting those envelopes which I would wash to get the stamps separated from the envelopes.

Independent India had nice stamps, regular as well as special ones which I had collected. India had one stamp where the position of Idol was mirrored which made me collect them specifically. I bought a small album and started to put my collection in the album with the help of hinges. Indian stamps were plentiful, so the similar stamps I will make a bunch and tie with a thread. Smaller collections will be stored in special plastic envelopes.

I meticulously followed my collection for a few years. In 1965, I came to the USA for my medical training. Even when I was here, I kept pursuing my collection hobby. In New York, I was following UN stamps as well. In 1976 I moved and settled down in New York and went into Gemstone business. I used to travel to Brazil and other countries where I would buy some stamps of Argentina, South Africa, Kenya, European countries, & so on.

Around 1982-83, I had a chance to visit a local weekly exhibition in a park in Rio de Janeiro. There I saw a couple of African & Kenyan stamps on Gemstones; I liked them and bought them. At that time, I also bought Brazilian gemstone stamps. All these stamps impressed me a lot. And so, I decided to concentrate on Gemstone stamp collection. Later, Jewelry, Clocks, Coins, Gold & Silver were added to this collection.

A time came when I decided to put them all into special albums. As of today, I have many albums containing all the stamps and the envelopes, especially First Day Covers (FDC), organized & classified as per country.

We have collected other philatelic material – Paraphernalia like Old Envelopes, Meter Mark Cancellations. There are some non-philatelic materials also in the collection. There are many albums of these items; we call them Cinderella. They are

Story of Stamp Collecting

not issued by post offices, and they are not authenticated by the government but have their own value. It may be of advertising value or as souvenirs. I started putting them all in albums, duly classified, arranged, and organized.

Now, around 1990, I had started to think of creating a museum of stamps, but it was not practical, as it needed space, staff, and maintenance. All this will cost a lot. Hence, I thought of a Web Museum.

We had contacted a web specialist, who would organize the material and create a web museum. He guided us with what information is needed for a web museum, such as country, stamp value, print date, and so on. To fill in all the required information for over 10,000 items wasn't an easy task, and so we had a few students helping us to fill in all the information from the stamp catalogue.

It took over 10 years for the basic details to be filled in. The website was inaugurated during American Topical Association Annual meeting in 2012. I was a member of American Philatelic Society, American Topical Association, and Gem, Mineral, & Jewelry Study Unit (GMJSU). After that, many new items were collected and were added with all the details. Work continued till COVID wave came in late 2019.

"I adore wearing gems, but not because they are mine. You can't possess radiance; you can only admire it" – Elizabeth Taylor

Working with Stones

In 1947, I moved to Jaipur from my village to pursue further studies. Our office and residence were in the same building, the office on the first floor and our residence on the second floor. This setup gave me early exposure to office work, which would later shape my business journey.

My father worked with synthetic stones known as "Kharad" in the local language. He worked with Karigars – workers who specialized in cutting, followed by giving the stone a particular shape, and then polishing these stones. The raw material was a stone about the size of a thumb, which would be cut into specific size and shape, such as round, pear, or oval. After giving a provisional shape, the stones were meant to be polished, but the local expertise was limited. As a result, the stones were sent to Rangoon, Burma, for further polishing. Once completed, these stones were labeled "Rangoon Diamonds" and used in costume jewelry. This experience gave me valuable insight into the process of stone cutting, polishing, and trading.

Meanwhile, some of my friends who were working with emeralds encouraged me to join them. Since the work didn't require much from me, I agreed. Around the same time, the foreign market for gemstones began to open up, and the export industry started developing. However, none of the staff in the office knew English, so they asked me to help with correspondence. I would visit them to assist with letter writing and making invoices for export.

In 1965, I moved to New York for further studies. During this time, my uncle sent me some gemstone samples. After finishing my shifts at the hospital, I would head to 47th Street in Manhattan once a week to meet with traders. I would show them the samples, take orders, and then inform my uncle who would fulfill the order for them.

At the same time, my friends would send shipments of cut emeralds, which I would present to traders. Some traders would buy the emeralds right away. Over the course of a few months, once I am able to sell the whole shipment, then I would send the payment to India.

In March 1976, I made a life-changing decision to move to New York with my family, leave medicine, and enter the gemstone business. Having maintained good relationships with traders in Jaipur since childhood, I decided to work with rough

Working with Stones

emeralds, importing them from Brazil and supplying them to Jaipur. I operated on an order-supply basis, charging a 10% commission. This gave us our foothold in the market, and the business flourished. I continued this work for 20 years.

In 1980, a new variety of rough emerald called "New Brazil" was introduced. I worked hard to introduce it to the market, when there was a growing demand for calibrated stones. The small size of New Brazil rough was a perfect match for the market's needs, and this provided a significant boost to our business. I also supplied a variety of semi-precious stones, further contributing to the growth of Jaipur's gemstone market.

In 1997, I had a life-altering experience when someone attempted to kidnap me. Fortunately, I wasn't there at the time, and they took another person instead, tragically killing him. This event deeply saddened me and made me reflect on my involvement in the gemstone trade. Slowly, I stepped away from the business and began focusing on other pursuits.

I became involved in the creation of a Jain Temple in New York, which gave me a sense of peace and purpose. I also began carving gemstones to create religious idols based on scriptural rules. One of my notable projects was the "Ashtapad," a sacred structure carved from crystal and colored gemstones, which was eventually installed at the Jain Center in New York.

After completing the temple in New York, I received many requests to create a similar temple in India. As a result, I started working on the "Ratna Mandir" project. This new temple will feature five smaller temples with gemstone idols and an art gallery of religious idols. The project is currently under process and will be completed soon.

"These gems have life in them: their colors speak, say what words fail of" - George Eliot

Founding of Indian Diamond & Colorstone Association

I moved to New York City in 1976 and joined Gemstone Business with my brother. At that time local dealers and traders started commenting about Indian traders out of jealousy and competition. One night I thought we should respond to these comments, but individually saying anything will not make a good impact. So, I thought we should make an association and then respond which will be meaningful. After discussing this idea with other traders, they supported it. Thus, the Indian Diamond & Colorstone Association (IDCA) was formed.

The Indian Diamond & Colorstone Association (IDCA) is a prominent organization based in New York City, deeply rooted in the trade of Colored Gemstones & Diamonds. Founded in 1984 by a group of Indian origin traders, primarily from Jaipur & Bombay (Mumbai), it has grown into a vital part of the Gemstone & Diamond industry in the United States, especially in New York's bustling Jewelry District.

IDCA was established to support and advocate for Indian dealers who were establishing themselves in the United States, particularly in New York. These dealers were primarily involved in the trade of colored gemstones and diamonds, and they saw the need for a unified body that could represent their interests, provide networking opportunities, and promote ethical business practices. Over the years, IDCA has become a key player in the global diamond and gemstone trade, helping to facilitate business connections, support trade events, and represent the industry in various capacities.



INDIAN DIAMOND & COLORSTONE ASSOCIATION

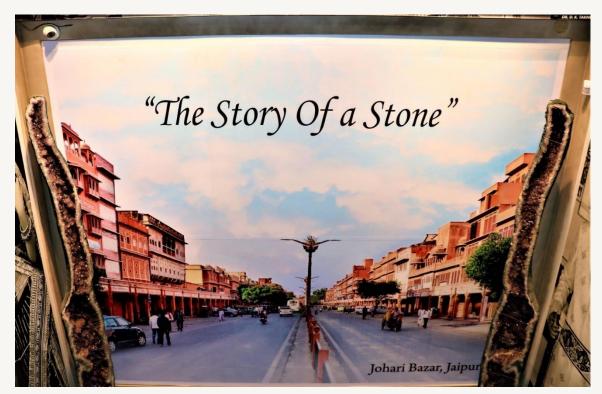
Keeping the Communities Together

"Story of a Stone to a Jewel"

Does the pristine beauty of gemstones available in a vibrant array of colors fascinate you? Does the exquisite jewellery entice you? Would you like to see the sparkles of gems in various colors of nature with serenity of silver and glitter of gold? If your answer is 'yes' to any of these questions, then it's time to pay a visit to the Museum of Gem and Jewellery in Jaipur to understand the process.

The Story of a Stone – a creation of nature and **Making of a Jewel** – a creation of human mind, i.e. from mining to manufacturing, a sojourn from minerals to their transformation into gems – to their conversion into jewellery has been displayed beautifully here.

Jaipur has been a leading center for gems and jewellery in the country and is globally known for its fine gem cutting and polishing, along with jewellery craftsmanship, especially 'Kundan-Meena' and gemstone jewellery. The Museum, only of its kind in the country, fully dedicated to gems and jewellery, showcases this very heritage and legacy of Jaipur in its pure form, preserving the footprints of our forefathers.



A visit to the Museum explains the journey of a stone from mine to fine-crafted jewellery. The journey begins from the entry starting at **Johari Bazar** - a dedicated street to the trade, as the backdrop.

Making of Museum of Gem & Jewellery at Jaipur

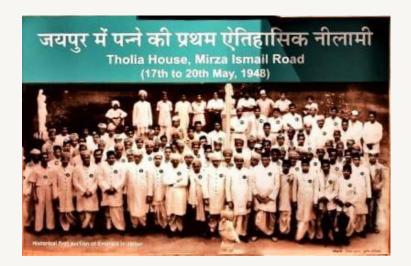
The Museum of Gem and Jewellery, a joint initiative by **traders from New York and Jaipur**, stands as a unique educational resource and a source of inspiration for future generations. This one-of-a-kind museum celebrates the extraordinary artistry, craftsmanship, and passion that define Jaipur's gemstone and jewelry trade, preserving the legacy of our forefathers. It is a valuable addition to the city's rich cultural heritage.

Upon entering the museum, visitors are immediately immersed in the world of **Gemstones**, with hundreds of rough and polished stones on display. The exhibits highlight the stunning natural beauty and intricate designs created by nature.

The museum also offers a **Historical Perspective** on the gemstone trade, featuring a photograph from the first gemstone auction in Jaipur in 1948, along with a chronological video documenting the trade's development from 1727.

One of the museum's most intriguing sections is the "Navgraha" exhibit, dedicated to the nine planets in Hindu astrology. The "Navratan" wall showcases nine idols, each representing a planet, and is believed to bless visitors with peace and prosperity. Another display is the **Beads and Carvings** section, which illustrates the craftsmanship involved in creating religious and non-religious carvings from gemstones - one of Jaipur's specialties.

The **Postage Stamp** section provides a global perspective, displaying stamps from various countries that feature important gemstones and jewelry items. This unique exhibit offers insight into how these treasures have been celebrated around the world.



First Emerald Auction at Jaipur, 1948

Making of Museum of Gem & Jewellery at Jaipur

A highlight of the museum is the display of Jaipur's signature Kundan-Meena jewelry. Known for its intricate craftsmanship, this jewelry features pure gold (kundan), enamel (meena), and diamonds or gemstones. The museum also showcases a variety of other jewelry styles, including French-enamel, Victorian, Tanjore, Thewa, and Fusion jewelry, as well as silver, fashion, and costume jewelry.

Visitors will also be fascinated by **Bollywood** jewelry collection, which features iconic pieces worn by famous Indian film stars, showcasing the intersection of fashion and cinema in Indian culture. The **16 Shringaar** exhibit is dedicated to the traditional 16 adornments that symbolize beauty and feminnity in Indian culture. Displayed on a figure of a lady, these adornments offer visitors a glimpse into the significance of each piece in enhancing beauty. The **Bridal Jewelry** section further explores the rich cultural heritage of Indian weddings, displaying the different jewelry items worn by the brides.

Creative jewelry made from unusual materials such as rope, grass, leather, clay, shell, and even postage stamps. This section demonstrates the innovative and diverse possibilities of modern jewelry design.

At the heart of the museum is the **Ratna Mandir**, where artistically carved idols and paintings adorned with gemstones are on display. Notable among these is a collection of ruby idols that are truly worth the visit.

In addition to these exceptional exhibits, the museum features replicas of some of the **World's Most Famous** diamonds, such as the Koh-i-Noor and the Hope Diamond. These stunning replicas allow visitors to appreciate the beauty and history of these iconic gems.



Khazana Mahal – A Museum of Gem and Jewellery

Explanation of Few Terms used in reference to Postage Stamps Stamps - General: -

- 1. Grade Poor to Fine to Extremely Fine
- 2. Year of Printing Older stamps have better value.
- 3. Paper Is an organic material composed of compacted weave of cellulose fiber
- 4. Ink Soluble printing ink is used. Colors are permanent.
- 5. Gum Mostly use gum Arabic or Dextrin as a base
- 6. Perforation Non-Perforated Is used to separate the stamps. However, sometimes there are exceptions, and stamps are printed without perforations.





- 7. Forgeries There are some fake stamps printed by wrong people.
- 8. Mint & Cancelled Used To prevents reusing a stamp. It has the location of the post office.

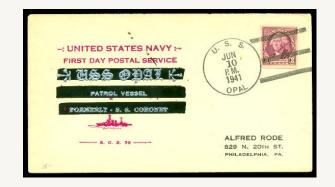




9. Some envelopes have a cancellation which relates to piece or to a subject or nonspecific. These envelopes are part of a collection which gives an idea – mine or stone or place, etc.



10. Meter Mark - Special Cancellation – A post office cancellation is called Meter Mark. These cancellations are prepared specifically for that product. It becomes interesting for a collector as it has a specific date and some design on an envelope.



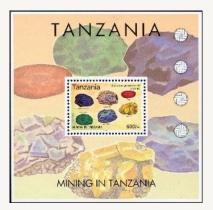
11. First Day of Issue [FDC] – When a new stamp is issued which is put on an envelope and cancelled with special meter mark. It is issued on special occasions with an image and date of issue.





12. Souvenir Sheets are a special edition of a single stamp or a small group of stamps, usually with decorative margins and inscriptions, commemorating a specific event or occasion, a collectible memento for collectors.





13. Personalized stamps – Governments permits to print the stamp with personalized image which are authentic.





14. Proposed Personalized Stamps -



- 15. Measurements is given for top and bottom dimensions 15m x 21mm means its 15mm wide at top & bottom, and 21mm tall on sides.
- 16. Specimen Defacement marking prevent postal use have no postal validity.
- 17. Proof & Essay A proof is a trial printing of an accepted stamp. An essay is a design for a proposed stamp submitted to the postal authorities for consideration but not used, or used after alterations have been made.













18. Block - A block is a group of four or more un-separated stamps.





Paraphernalia & Cinderella –

Paraphernalia refers to all the items associated with stamp collecting beyond just stamps themselves, including things like: (See General Poster Section)

- 1. Postal Covers
- 2. Envelopes
- 3. Meter Mark Cancellations
- 4. First Day Covers
- 5. Errors
- 6. Proofs
- 7. Full Sheets
- 8. Stamp Albums
- 9. Specialized Tools (Like Tweezers)
- **10.Other Related Materials**

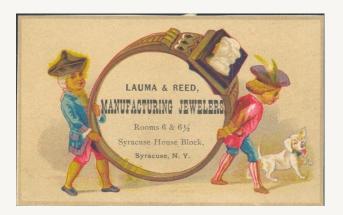
used to collect, store, and study stamps. We have a lot of items in our collection which are being used as a form of advertising.

Jewelers from Europe used them for advertising their products on a postcard or on an envelope. Clock and Watch companies used them to market their products. Similarly, Miners used postcards with mines & stones to sell their products, and Mining Towns used them to promote tourism. We have special cards - advertising cards with interesting designs by companies which they use for marketing their products.

Cinderella & Mini Ad Cards

A label that resembles a postage stamp, but which is not issued for postal purposes by a government administration. There is a wide variety of Cinderella stamps, such as those printed for promotional use by businesses, churches, or political or nonprofit groups. These mini ad cards are used for advertising purposes.





Romancing the Stone Section – Stamp Website

I have been working with gemstones for over 60 years. It has been a pleasure to work with stones and learn about them. This started with business in gemstones and slowly once I retired, for the last 25 years, I am still working with gemstones, but not for business but for art sake.



Romancing the Stone – A Movie (1984)

A dowdy romantic adventure - writer is hurled into a real-life adventure in the Colombian jungle in order to save her sister, who will be killed if a treasure map is not delivered to her captors. She is helped by a brash mercenary, and together they search for the priceless gem located in the map.

Romancing the Stone Section – Stamp Website

Welcome to my online stamp website - a thematic journey into the world of gemstones, minerals, jewelry, clocks, coins (numismatics), gold/silver, further mentioned as gems and jewelry. My aim is to introduce the beauty of gems and jewelry that artists have seen and reproduced on stamps.

I have been working with stamps for the last 75 years, from 1947 to 2021. It has been a pleasure to collect and more so to put them on the internet so that everyone can see and appreciate the collection. Your visit will take you to the wonderful world of stamps and a walk-through the world of philately.

We have collected stamps from all over the world. A list of name of the countries is provided. Some countries have changed their names.

Knowledge is unlimited and we have only a part of it – put together here as an introduction to the subject. All of the stamps have been sorted as per group and by the country where they were printed. This collection is neither complete nor exhaustive. This is an educational website and a source of information which may pave the way for all stamp museum in the future.

The authenticity of all these materials hasn't been verified.

We do not have all the stamps and have relied on other sources for some stamps.

But still we have tried to make a reasonable website giving all necessary and useful information about the subjects – gemstone, jewelry, and others.

Thank you and keep collecting stamps!

"Proverbs are mental gems gathered in the diamond fields of the mind." – William R. Alger

www.drshahstamps.com

Dr. Rajnikant Shah

Introduction

Welcome to our online stamp website - a thematic journey into the world of gemstones, minerals, jewelry, clocks, coins (numismatics) and gold/silver, further mentioned as gems and jewelry. My aim is to introduce the beauty of gems and jewelry that engravers have seen and reproduced on stamps from all over the world.

It has been a pleasure to collect and more so to put them on to the internet so that collectors, gemologists, students, and others can learn and appreciate the collection. Your visit will take you to the wonderful world of stamps and a walk-through history. This is an educational site.

Objectives of our website:

- 1. Introduce the beauty of the world of gems and jewelry through postage stamps.
- 2. Facilitate the user to search our extensive database to see gems and jewelry on stamps.
- 3. Fill up lack of information for collectors and help them with thematic work.
- 4. Provide details about gems and jewelry with their qualities and characteristics.
- 5. Assist the jewelry trade to appreciate how the various designs can be used in daily life.

Home Page

As you open the site, you will see the Home page which contains tabs for all the groups. From here one can go into any of them or sort by country.

At the bottom there are two rows of stamps. The first row shows various groups and second row displays souvenir sheets, new issues, errors, meter mark, first day cover, etc.

Home page has a button for search, for frequently asked questions and about us. One can go on advance search and have two items selected, like for country one can pick Brazil and for gemstone one can choose emerald.

Country Page

This page takes you to the countries of the world which are listed in alphabetical order. For each county a map, flag and their currency are displayed. Many countries have changed their names and hence aliases are also given. When one goes through aliases, the presentday country name will come up.

Pr. Shah's				<u>Home</u>	About Me	FAQ/Help	Search
Gem & Jewelry Stamp Museum	GEMSTONES	MINERALS	JEWELRY	CLOCKS	COINS G	OLD/SILVER	COUNTRY
COLOMBIA S 10 ILLIE SITE		thematic jou coins. My air and their us than 10,000 continues to This journey images onlir stamp enthu from this sit Although thi this collectio	Inney into the n is simple: stamps fro- grow to the has been a ne, my hope usiasts and e. s collection n complete. ree to email	ne world of to introduce lefy. For the m over 200 is day. a great plea is that not students a encompass . If you hav il me and I	gems, jewel se the beauty of past 55 yea occuntries and asure and by t only serious round the w ses various s re any questi will be happy	ection repres ry, minerals, / of Gems an rs I have col nd my collect putting all o s collectors bi orld enjoy ca ections, in no ons or comm / to respond.	clocks and d Minerals lected more on f these ut also n and learn o way is ents,
						Dr. Raj	nikant Shah
Palast Stemps by Coloregue							
Select Stamps by Category :	CLOCK		CONS		OLD/SILVER		RY
SOUVENIR SHEETS ERRORS ON STAMPS	WHATS	NEW				FIRST DA	Y COVER
	ne <u>About Me</u> FA					52.	
	O drshahstamps.com. All	Rights Reserved.					
Viev	w of H	ome Pa	age				
Dr. Shah's Gem & Jewelry Stamp Museum	GEMSTONES	HINERALS	15 JEWELRY	clocks	Allowi.Me	<u>FAQ:Helo</u> x.D/SILVER	Samp. Country
Home COUNTRY							
stamps _{by}	tewels, m	flect the cultu inerals, clocks ntries have ch names (alias)	and coins o	if a nation d	lepicted throu	oh stamps. O	ver the
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View of Country Main Page

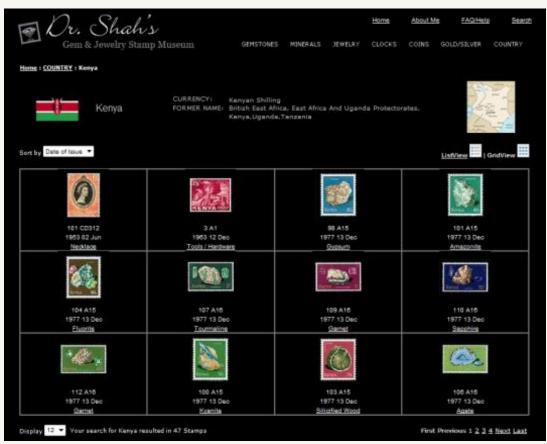
www.drshahstamps.com

Various Groups

All of the stamps have been sorted as per the group where they belong. Once you go in a particular group, it will show names of stones, minerals or categories of jewelry, clocks and coins. All group items or categories are arranged in alphabetical order with a small write up on gems, minerals and various categories. If a stamp belongs to multiple groups, it will show up in all the related groups.

List View and Grid View

Each country and various groups with their categories have been presented in two different views- grid view and list view. In grid view- stamps are arranged in a grid with basic information under each image. In list view- stamps are arranged chronologically in a list format with information given alongside each image in various columns. It can be used as a quick reference for country, group, value, date of issue as well as errors, souvenir sheets, meter marks, first day cover etc. have been marked.



Grid view showing basic information

1	D r. Shah ^{Gem & Jewelry Stan}	, ン up Museum	GEMSTONES	MOVERALS	JEWELRY	Home CLOCK	<u>About Me</u> s coins g	EM	<u>RHelp Starch</u> VER COUNTRY
Home : 50	i litty i Kenya Kenya	CURRENCY: FORMER NAME	Kenyan Shilling : Sritish East Afric Kenya,Uganda,	a, East Africa A	Ind Ugan	da Protec			
	COUNTRY NAME	DATE OF ISSUE	SCOTT NO / SO	FACE VALUE	LIBROR	<u>F.D.C.</u>	METER MARK	E.S.	CATEGORY
	žiava.	1977 13 Dec	99 A 15	200		*		*	Trona
68°	Kanga	1977 13 Dec	102 A15	500		*		*	Galena
X	tena	1977 13 Dec	105 A16	1sh		*		*	Amethyst
ù (()	Sana Kanya	1977 13 Deo	108 A16	3an	*			*	Aquamarine
4	Eenus	1977 13 Dec	111 A18	20ah					Ruby

List view showing detailed information

Gemstones

This page takes you to the world of gemstones which are arranged alphabetically. For each gemstone, a picture and description of its family, color, hardness, density, transparency and occurrence is displayed. You will find many interesting stamps on pearls and corals which are the product of sea.



Gemstone group and Jewelry group Main Pages

Minerals

This page takes you to various minerals which are arranged alphabetically. For each mineral, a picture of the mineral and description of its color, hardness, density, transparency and occurrence is displayed. It will also depict philately on miners, mining process, transport, equipment etc. Non-minerals like oil, salt, phosphorus etc. are also included.

Jewelry

This page takes you to the fascinating world of Jewelry arranged as per their category with a small write up. All stamps have a picture and a description including classification like earring, necklace or bracelet etc., made from metal, silver or gold, studded or plain, modern or antique and so on. One of the main attractions is the Royal jewelry from Great Britain and from many other countries.

Clocks

This page takes you to the wonderful world of clocks arranged alphabetically as per their category with a small write up. Descriptions include type of clocks- antique or modern, mechanical or electronic, alarm or wall clocks, tower clocks and so on. Stamps related to Time like millennium stamps have also been included.



Clocks group and Gold / Silver group Main Pages

Coins / Numismatics

This page takes you to coins- numismatics arranged alphabetically as per their category with a small write up. This includes antique coins, gold coins, paper currency, financial institutions and so on. Bank notes, commerce, finance etc. and all other related items are included.

Gold/Silver

This page takes you to stamps on gold/silver. Most of the gold/silver items belong either in jewelry, clocks or coins group. Others may be related to gold mining, prospectors, nuggets, utensils, etc.

Stamp Page

A master stamp is the original (main stamp) and all other similar stamps are called variations. They are labeled accordingly as used, souvenir sheets, blocks, proof, assays, error, meter mark, first day cover, postcard etc. Each stamp has a Scott number, a date of issue, value and name of country along with a small description.

All stamps are presented in its actual size and one can zoom in to view the details. When one opens the stamp page, all variations will come up along with the master stamp. Used stamps and duplicates are also shown. Some may have a meter mark which may be interesting.

There are over 5,000 individual stamps, over 10,000 with variations and few thousand envelopes. Newer stamps (over 2,000) as well as meter mark with special cancellations are being added.

The technical details of each stamp in any group will include whether it is mint, used or cancelled, single or block, sheets, perforated or non-perforated, assays, specimens, or souvenir sheets etc.

Souvenir sheets are separated out. Errors include printing errors, overprints, missing values or missing the country name. Some stamps have a change in value and some have change in country name.



Stamp Main Page with detailed description and variations



Conclusion

Along with frequently asked questions and answers, a proper explanation of abbreviations is given.

There are some stamps which are not printed by the post office. I have included them because it may have a picture and name of a stone which will be of interest from a gemologist point.

This collection is neither complete nor exhaustive. Newer stamps will be added on as and when available. There may be some errors or omissions. Some stamps or their important features may be missing. We wish to add them as we learn. We need help from collectors who may be kind enough to provide useful information which we will be pleased to add. Your feedback will be appreciated. Please email at info@drshahstamps.com.

With all the advances in technology, the use of stamps is diminishing. This website will become a major source of information. This may pave a way for the future of all stamp museums.

Many thanks to all those who helped put this website together.

Youtube Links -

http://www.youtube.com/watch?v=7ACPc2HuHaA

http://www.youtube.com/watch?v=STwtuLV5hw0

Website Links -

http://drshahstamps.com/

"The President of today is just the postage stamp of tomorrow." – Gracie Allen

"Be like a postage stamp. Stick to one thing until you get there." – Josh Billings

"I should be a postage stamp. That's the only way I'll ever get licked!" – Muhammad Ali

"I dream that my face appears on a postage stamp." – John Cheever

A thematic journey into the world of Gemstones, Minerals, Jewelry, Clocks, Coins, Gold & Silver

All stamps are presented in its actual size and one can zoom in to view the details.

There are over 10,000 individual stamps and over 25,000 with variations.

Your visit will take you to the wonderful world of Stamps and a walk through the history.

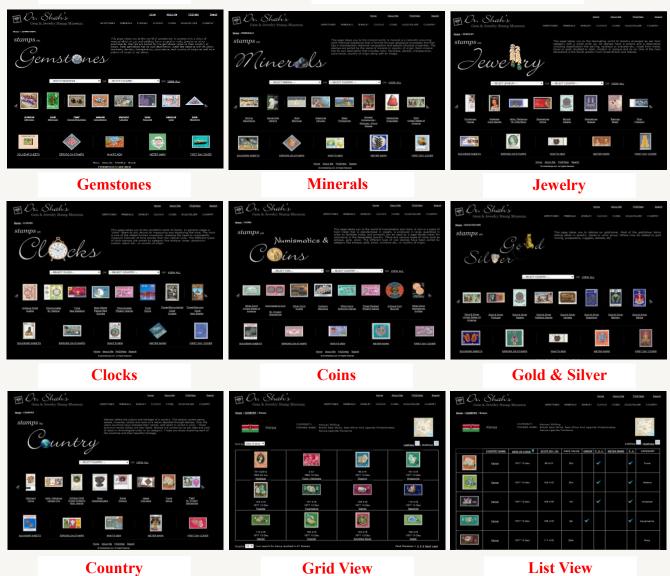
Advance search facilities are available on the website, say country and stone...

Includes Variations - Souvenir Sheets, Blocks, Errors, Meter Marks & First Day Cover



Home Page

Individual Stamp Description



Gemstone Section

stamps on Jemst@nes

This page takes you to the world of gemstones which are arranged alphabetically. For each gemstone, a picture and description of its family, color, hardness, density, transparency and occurrence is displayed. You will find many interesting stamps on pearls and corals which are the product of sea.



"These gems have life in them: their colors speak, say what words fail of." - George Eliot

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2.	List of Gemstor	nes Pg 33-34				
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4.	Amber	Pg 38-39				
5.	Amethyst	Pg 40-42				
6.	Aquamarine	Pg 43-44				
7.	Chalcedony	Pg 45-46				
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9.	Coral	Pg 51-53				
10.	Crystal	Pg 54-55				
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21.	Ruby-Zoisite	Pg 81-83				
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25.	Turquoise	Pg 92-93				
26.	Other Gemston	es Pg 94-100				
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1.	List of Mineral	s Pg 102-103				
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3.	Miners	Pg 108				
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4. Mining Pg 109-110

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	1.	Jewelry Categor	ries Pg 112				
	2.	Bracelet	Pg 113-114				
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	5.	Hair Accessorie	es Pg 119-120				
	6.	Necklace	Pg 121-122				
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4	. Cl	ocks	Pg 127-140				
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	2.	Antique Coins	Pg 143-144				
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	2.	Gold	Pg 151-152				
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	4.	Stamps in Gold	of Tutankhamun's				
		Accessories	Pg 155				
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Idols of Gold & Silver Pg 156

5.

6.

5.

List of Gemstones

1.	Adamite	28.	Charoite	55.	Hiddenite
2.	Adularia	29.	Chiastolite	56.	Imperial Topaz
3.	Agate	30.	Chrome Diopside	57.	Indicolite
4.	Alabaster	31.	Chrysoberyl	58.	Iolite
5.	Alexandrite	32.	Chrysocolla	59.	Jade
6.	Almandine	33.	Chrysoprase	60.	Jasper
7.	Amazonite	34.	Citrine	61.	Kasolite
8.	Amber	35.	Coral	62.	Kroehnkite
9.	Amethyst	36.	Cordierite	63.	Kunzite
10.	Ametrine	37.	Cornelian	64.	Kyanite
11.	Andalusite	38.	Corundum	65.	Labradorite
12.	Annabergite	39.	Crystal	66.	Lapis Lazuli
13.	Apatite	40.	Diamond	67.	Lazulite
14.	Aquamarine	41.	Diopside	68.	Leucite
15.	Aurichalcite	42.	Dioptase	69.	Liroconite
16.	Autunite	43.	Emerald	70.	Malachite
17.	Aventurine	44.	Epidote	71.	Moonstone
18.	Azurite	45.	Euclase	72.	Morganite
19.	Azurmalachite	46.	Feldspar	73.	Nephrite
20.	Barite	47.	Fluorite	74.	Obsidian
21.	Benitoite	48.	Garnet	75.	Olivine
22.	Beryl	49.	Glass	76.	Onyx
23.	Blue Topaz	50.	Grossular	77.	Opal
24.	Calcite	51.	Gypsum	78.	Pearl
25.	Carnelian	52.	Halite	79.	Peridot
26.	Chalcedony	53.	Heliodor	80.	Plancheite
27.	Chalcopyrite	54.	Hematite	81.	Prasiolite
		W	ww.drshahstamps.com		

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List of Gemstones

82.	Precious Stone	108.	Swarovski Crystals
83.	Prehnite	109.	Sylvite
84.	Proustite	110.	Synthetic Stones
85.	Pyrite	111.	Tanzanite
86.	Pyromorphite	112.	Tiger's Eye
87.	Quartz	113.	Tinguaite
88.	Rhodochrosite	114.	Topaz
89.	Rhodolite	115.	Tourmaline
90.	Rhodonite	116.	Turquoise
91.	Rose Quartz	117.	Tuzlaite
92.	Rubellite	118.	Verdite
93.	Ruby	119.	White Topaz
94.	Rutile	120.	Wolframite
95.	Sandstone	121.	Wulfenite
96.	Sapphire	122.	Zircon
97.	Semi-Precious	123.	Zoisite
	Stones		
98.	Serpentine		
99.	Sillimanite		
100.	Smoky Quartz		
101.	Sodalite		
102.	Spessartine		
103.	Sphalerite		

- 104. Sphene
- 105. Spinel
- 106. Spodumene
- 107. Sunstone

Agate – A

Description

Family – Chalcedony

Characterized by its fineness of grain and brightness of color. Band color is determined by impurities present.

Color – White, Grey, Green, Yellow, Brown Moh's Hardness – 6½ - 7 Chemical Composition – Silicon Dioxide Transparency – Opaque Density – 2.58 - 2.64 Occurrence – Very Common Country of Origin – Angola, Armenia, Bulgaria, India, Jamaica, Panama, Papua New

Guinea

Rough Stones

- 1. Zimbabwe
- 2. Uruguay
- 3. Tajikistan
- 4. Poland
- 5. Kenya
- 6. Chad
- 7. Algeria
- 8. Armenia
- 9. Georgia

Cut Stone

10.Indonesia

Jewelry

- 11.Necklace Sri Lanka
- 12.Breast Plate Israel
- 13.Necklace Mauritius







150 UM قلادة من العقيق Collier en Agate BI IOUE ISI AMIOUE DE MAURITA

Agate – B

Description

Block

- 14.Botswana
- 15.Switzerland
- 16.New Zealand
- 17.Botswana
- 18.Bulgaria

First Day Covers

19.1987 Jan 02 – Mozambique 20.1974 Jul 01 – Botswana 21.1977 Dec 10 – Kenya 22.1959 Jun 01 – Switzerland 23.1982 Dec 01 – New Zealand 24.1983 Apr 21 – Algeria

Souvenir Sheets

- 25.Tajikistan
- 26.Indonesia
- 27.Ghana

Error

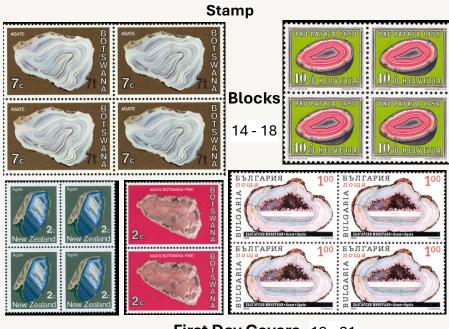
- 28.Gutter Malawi
- 29. Change of value China
- 30.Missing country & value Kenya

Work of Art

- 31. Grinding Stone China
- 32. Jewelry Box Spain
- 33.Snuff Box Guyana

Idol

34. Blue Lace Agate



First Day Covers 19-21



22 - 24



Souvenir Sheets 25 - 27



Errors 28 - 30



Work of Art 31 - 33

Idol 34



		36.	3 4 10:		Eserte State	
Greyish Beige	Madagasc	ar	7.74 kg	28	68-036A	
	Blue + White Line Australia 4.21 x 3.46 x 1.81 1762 cts					
Sky Blue + Wh	ite Line Aus	tralia	4.21 x 3.46 x 1.8	81	1762 cts	
Chalcedony	H-6.5-7	G143	33(105) CA36293		Plain	

Amber – A

Description

Family – Organic Color – Yellow, Brown, Orange, and Reddish-Brown Moh's Hardness – 2-2.5 **Chemical Composition** – C₁₀H₁₆O₆ - Succinic Acid **Refractive Index** – 1.54 **Transparency** – Transparent to Translucent **Density** - 1.05 - 1.09 Hardness – 2.5 Occurrence – Baltic Sea, Russia, Poland, Romania, Dominican Republic, Czechoslovakia, USA Uses – For Carving, Ornamental, and Religious purposes Art Work – Antique, Artifact Idol – Carved as a single piece Birthstone – November **Rough Stone** 1. Central African Republic 2. Lithuania 3. Belarus 4. -7. Poland **Jewelry & Artifact** 8. Necklace – Mauritius

9. Snuff Box – Guyana 10.Showpiece – China

11.Artwork – Montserrat **First Day Cover** 12.2000 Nov 22 - Belarus 13.1999 Apr 10 – Lithuania **Meter Mark** 14.1993 Sep 09 - Poland 15.1993 Dec 04 – Poland **Souvenir Sheet** 16.China 17.Central African Republic Error

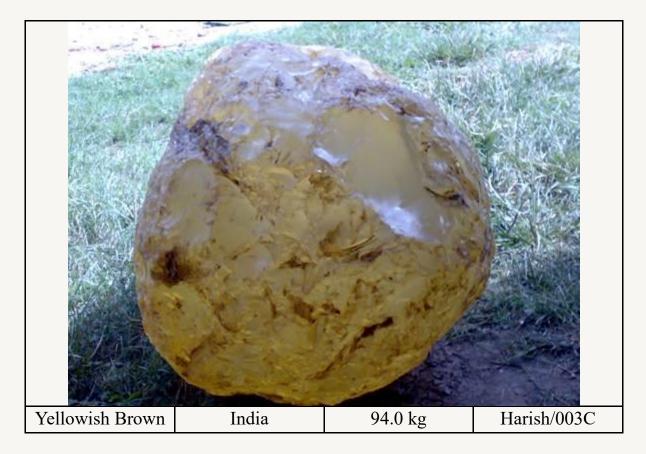
18. Change of value – China 19.**Idol**



票郵國民 900



A Thematic Journey into the World of Gemstones, Minerals, Jewelry, Clocks, Coins, Gold & Silver doctorrshah@gmail.com www.drshahstamps.com



Golden/Yellow	Russia	4.57 x3.23 x 1.79	812.5 cts
Amber	H-2-2.5	G8353-111 CA46964	Carving

Amethyst – A

Description

Family: Quartz, Highly Priced Variety: It has a Hexagonal Crystal System – Prismatic Found in Alluvial deposits Available in Geodes & Druses **Chemical Composition:** Silicon Dioxide (SiO₂) Color: Light to Dark Purple, Violet. Color due to traces of Iron Transparency: Transparent to Translucent Moh's Hardness: 7 Density: 2.65; R.I.: 1.54-1.55 Sources: Brazil, Uruguay, USA, USSR. India, and African Countries Azerbaijan, Bulgaria, Cambodia, Chile, Finland, Kazakhstan, Laos

Rough Stone

- 1. Mexico
- 2. Russia
- 3. Uruguay
- 4. Germany
- 5. Georgia
- 6. France
- 7. Austria

Crystal Formation

- 8. Kenya
- 9. Switzerland
- 10. Maldives
- 11. Switzerland
- 12. Azerbaijan
- 13. Chad
- 14. Korea

Cut Stone

- 15. Rhodesia
- 16. Tanzania
- 17. South West Africa
- 18. Brazil
- Jewelry
- 19. Ring Russia
- 20. Earrings Tunisia
- 21. Horseman's Shoe Peru
- 22. Breast Plate Israel



Stamp

Jewelry 19 - 22



Amethyst - B

Description

Souvenir Sheet

- 23. Austria
- 24. Azerbaijan
- 25. Georgia
 - Proof
- 26. France

Non-Perforated

27. France

Block

- 28. Romania
- 29. Germany
- 30. Azerbaijan
- 31. Korea
- 32. USA

First Day Cover

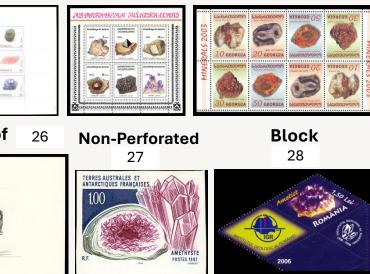
- 33. 1974 Dec 17 Germany
- 34. 1982 Dec 01 New Zealand
- 35. 1972 Feb 22 Germany
- 36. 2001 Oct 30 Chad
- 37. 1989 July 12 Brazil
- 38. 1998 May 20 Indonesia Error
- 39. Printing Error Misaligned -USA
- 40. Value Change Botswana
- 41. Printing Error Misaligned -USA
- 42. Idol

Druse Pair – 8.5' High

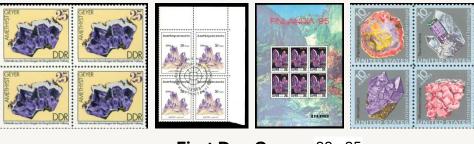


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(Conserve)	Po		171 - 65

Stamp Souvenir Sheet 23 - 25



Block 29-32



First Day Cover 33 - 35



36 - 38



Error









Dark Purple		Brazil	1.040 kg	2868-020C			
Purple Brazil 3.43 x 2.60 x 1.30 900 otc							
Purple		Brazil	3.43 x 2.60 x 1.30	900 cts			
Natural Amethy	vst	H- 7	G8270 CA46802	Plain			

Aquamarine – A

Description

Family: Beryl
Color: Light-Dark Blue, Blue
Green
Moh's Hardness: 7½ - 8
Chemical Composition:
Beryllium Aluminum Silicate
Transparency: Transparent to
Translucent
Density: 2.68 - 2.74
Common Cut is Emerald, Oval,
Pear Shape, as well as beads etc.
Occurrence: Brazil, USSR, USA,
Australia, Southern Africa
Rough Stone

- 1. Kenya
- 2. Zimbabwe
- 3. South West Africa
- 4. Antigua & Barbuda
- 5. Maldives
- 6. Cambodia
 - Cut Stone
- 7. Liberia
- 8. Brazil

12.

9. Germany

Jewelry

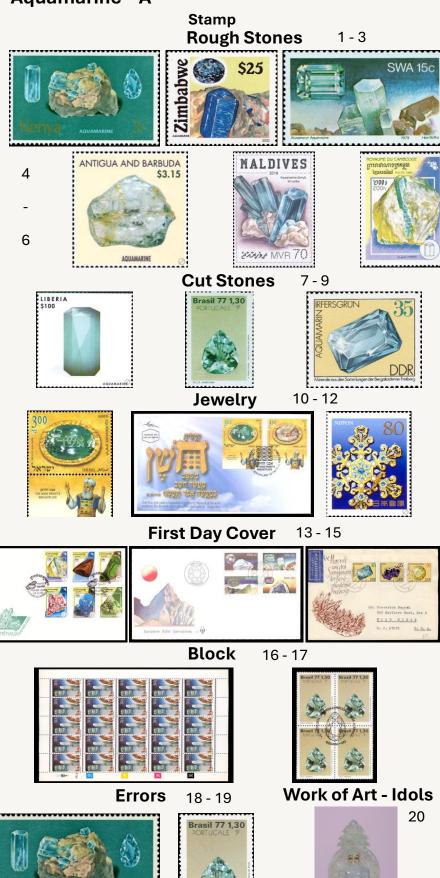
- 10. Breast Plate Israel
- 11. Breast Plate Israel
 - Snowflake Japan First Day Cover
- 13. 1998 Dec 28 Cambodia
- 14. 1979 Nov 26 S.W.Africa
- 15. 1974 Dec 17 Germany

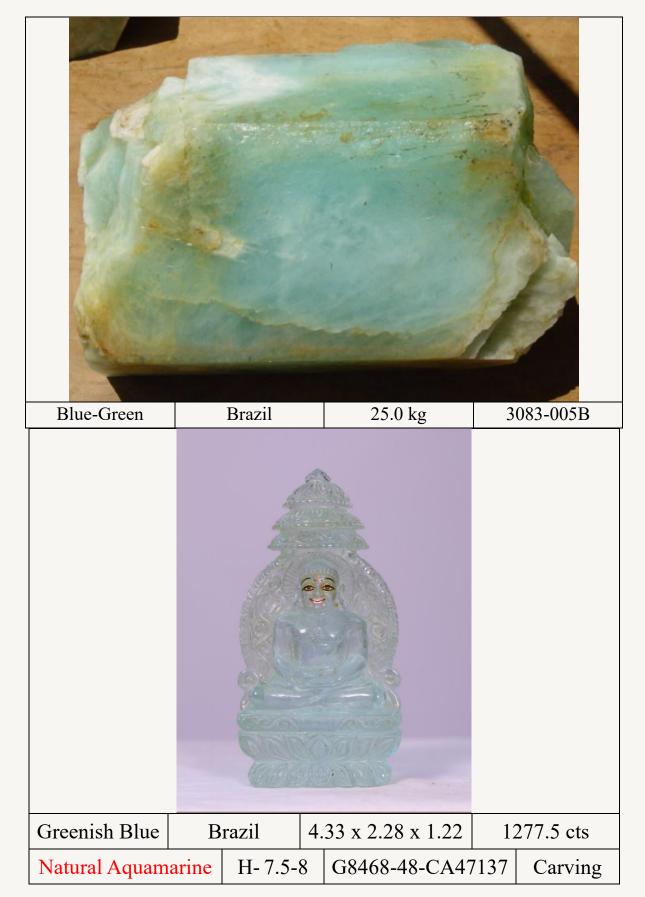
Blocks

- 16. South West Africa
- 17. Brazil

Error

- Country Name & Value is Missing – Kenya
- 19. Color Difference Brazil
- 20. **Idol**





Chalcedony – A

Description

Family – Chalcedony Color – White, Grey, Green, Yellow, Brown Moh's Hardness $-6\frac{1}{2}$ - 7 **Chemical Composition** – Silicon Oxide **Transparency** – Translucent to Opaque **Density** – 2.58 - 2.64 **Common Cut** – Cut in Cabs or Engraved or Beads – used in Jewelry and Inlay work **Country of Origin** Belize, Denmark, Eritrea, Greenland, India, Uruguay, South Brazil. Ocean Germany – Idar Oberstein, Iran Birthstone – March _ Blue Chalcedony Red Cornelian – Brownish color Chrysoprase – Blue & Green **Onyx** – Grey & White Jasper – Yellow, Red, Cream, Black **Rough Stone** 1. Kazakhstan 2. Kazakhstan 3. France

- 4. Cyprus
- 5. Grenada

Cut Stone

- 6. Uruguay
- 7. Indonesia

Blocks

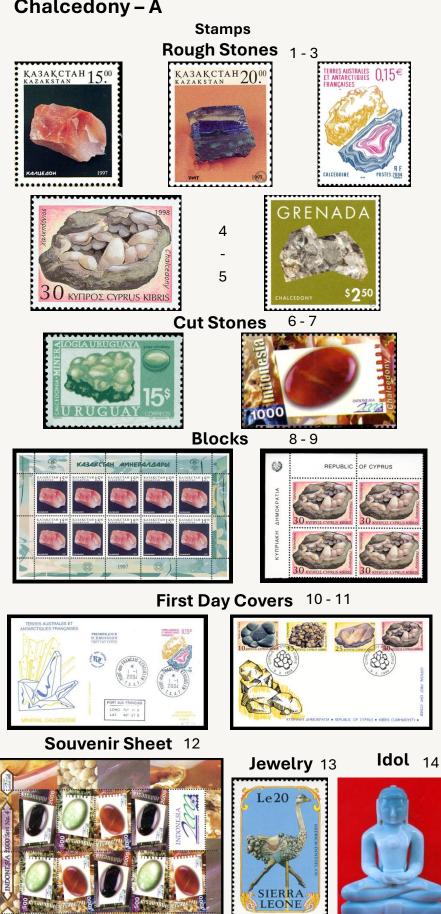
- 8. Kazakhstan
- 9. Cyprus

First Day Cover

- 10. 2004 01 Jan France
- 11. 1998 09 Mar Cyprus **Souvenir Sheet**
- 12. Indonesia

Jewelrv

- 13. Bird Sierra Leone
- 14. Idol

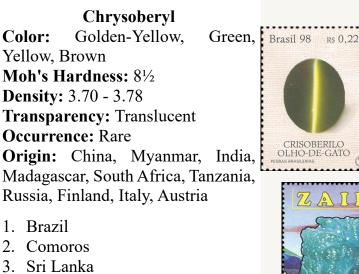


Chalcedony – B



Chrysoberyl with Others – A





4. Montserrat

Chrysocolla

Color: Red Moh's Hardness: 2 - 4 Density: 2.00 - 2.40 Transparency: Opaque Occurrence: Common Origin: Brazil, Sri Lanka, Myanmar, Madagascar, Zimbabwe, Russia

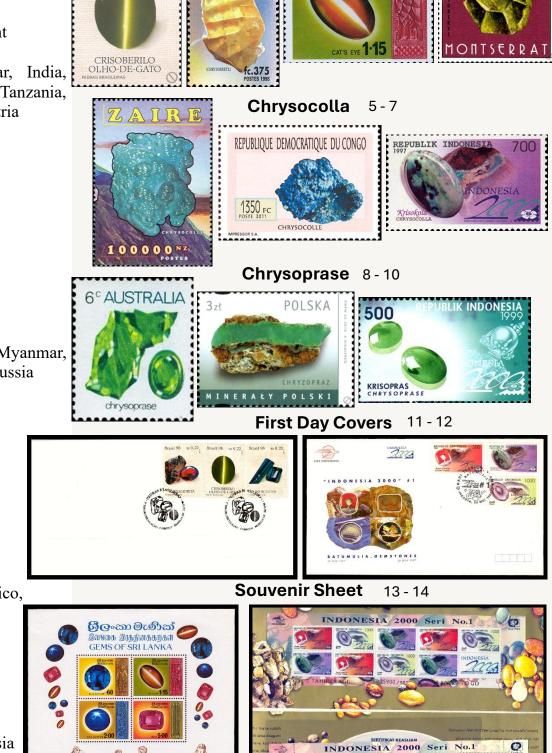
- 5. Zaire
- 6. Congo
- 7. Indonesia

Chrysoprase Color: Green, Blue Moh's Hardness: 6½ - 7 Density: 2.58 - 2.64 Transparency: Opaque Occurrence: Common Origin: Chile, Israel, Mexico, Peru, Russia

- 8. Australia
- 9. Poland
- 10. Indonesia

First Day Cover 11. 1976 Jun 16 – Brazil

- 12. 1997 May 20 Indonesia Souvenir Sheet
- 13. Sri Lanka
- 14. Indonesia



Stamps Chrysoberyl

1 - 4

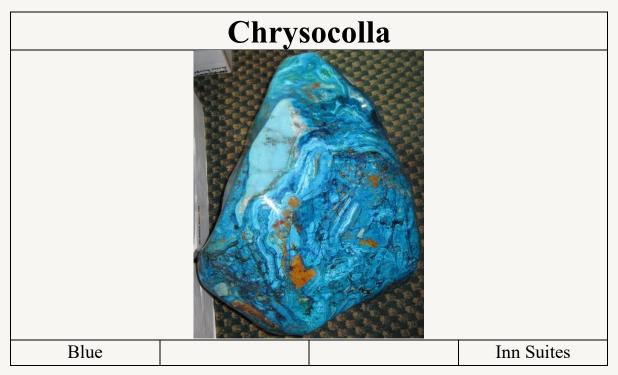
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\$750

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<u>doctorrshah@gmail.com</u>

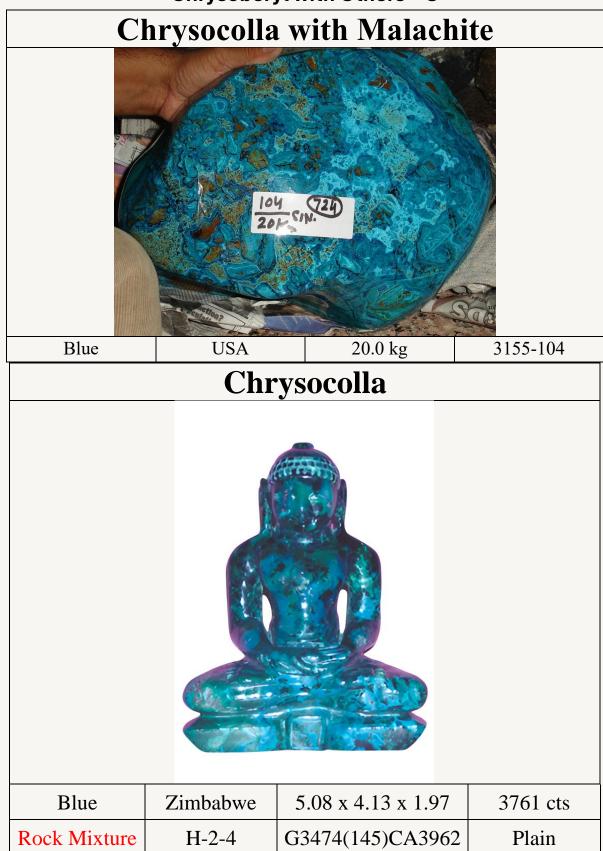
47

Chrysoberyl with Others – B

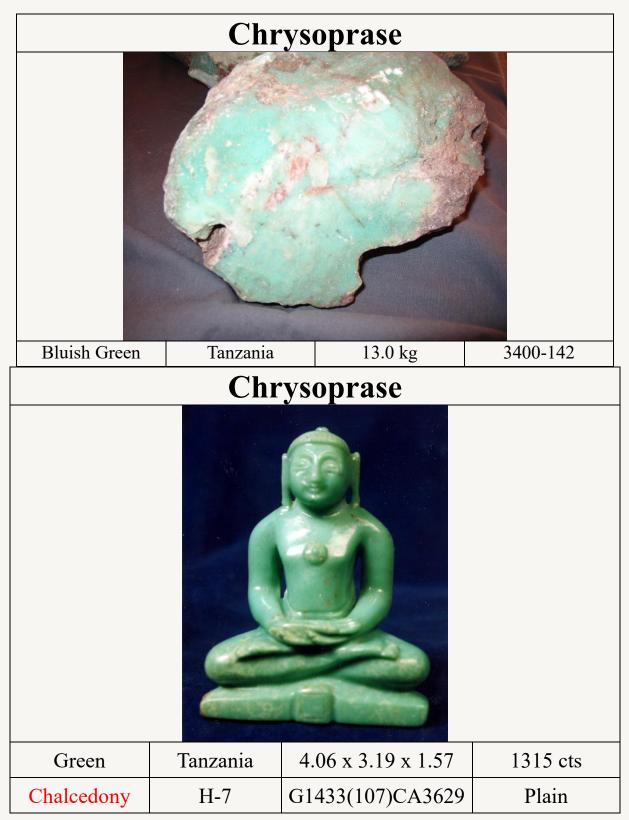


0405. Chrysocolla					
Dark Turquoise Zaire 11.25 x 9 x 4.5 31790 ct					31790 cts
Chrysocolla	Ι	H-2-4	LS	9987(405)CA152958	Plain

Chrysoberyl with Others – C



Chrysoberyl with Others – D



Coral – A

Description

Organic Origin

Color – Red, Pink, White, Black, Blue Moh's Hardness – 3-4

Chemical Composition – CaCO₃ or

organic subject

Transparency – Opaque

Density – 2.6-2.7 **Crystal System** – Trigonal

Microcrystalline Uses – Only their calcified structure is used as gemstone. They are formed by tiny polyps

Height of branches is 8-10" and about 2.5" thick

Occurrence – Found along coast of Mediterranean, Canary Islands, Archipelago, Red Sea Bay Of Biscay, Japan, Hawaii

Block

- 1. Bahamas
- 2. Tokelau Island
- 3. Tokelau Island
- 4. Tokelau Island

Souvenir Sheet

- 5. Cook Islands
- 6. Nevis
- 7. Philippines
- 8. USA
- 9. Tanzania

First Day Cover

- 10. 1996 Dec 02 Guyana
- 11. 1994 Nov 17 Hong Kong
- 12. 1997 Aug 27 Papa New Guinea
- 13. 1982 Jul 21 Papa New Guinea
- 14. 1978 Feb 27 British Virgin Isl.

Proof

- 15. Somalia
- 16. Somalia

Error

- 17. Overprint Montserrat
- 18. Non-Perforated France
- 19. Idol





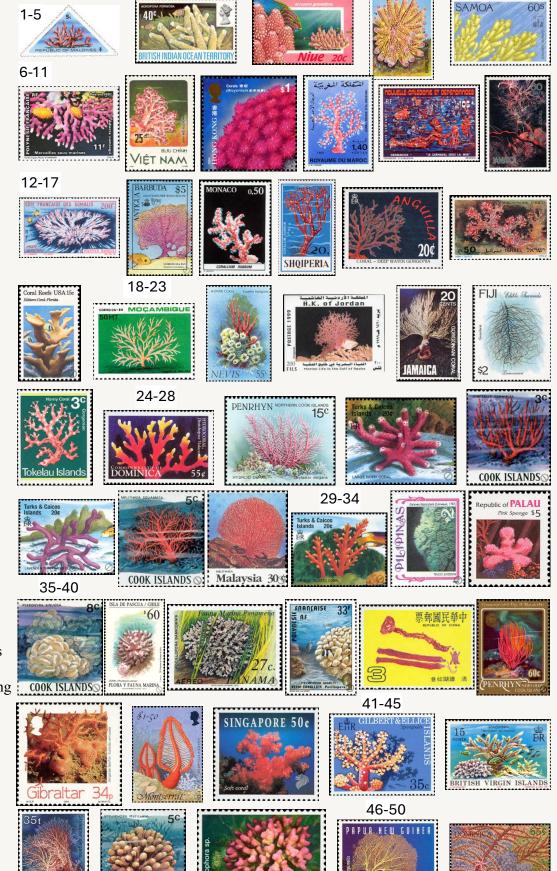


Souvenir Sheet 5 - 9



Coral – Species – B

- 1. Acropora Cervicornis
- 2. Acropora Formosa
- 3. Acropora Gemmifera
- 4. Acropora Humilis
- Acropora Polystoma 5.
- Adusta Cumingii 6.
- 7. Alcyone
- Alcvonium 8.
- 9. Al-hoceima
- 10. Aubusson Tapestry
- 11. Black Coral
- 12. Branch coral
- 13. Common Sea Fan
- 14. Corallium Rubrum
- 15. Corallium Rubrum
- 16. Deep Water Gorgonia
- 17. Dendronephthya
- 18. Elkhorn Coral
- 19. Eunicella Papilosa
- 20. Eusmilia Fastigiata
- 21. Gorgonia Corals
- 22. Gorgonian
- 23. Gracilaria
- 24. Gregorian Horny coral
- 25. Hydrocoral
- 26. Hydroid Coral
- 27. Ivory Corals
- 28. Junceella gemmaea
- 29. Lavender Thin Finger
- 30. Melithaca squamata
- 31. Melithaea Coral
- 32. Orange Telesto Coral
- 33. Pachyseris
- valenciennesi 34. Pink Sponge
- 35. Plerogyra sinuosa
- 36. Pocillipora Danae
- 37. Pocillopora damicornis
- 38. Pocillopora
- 39. Red Coral of Ch'ing COOK ISLANDSO Dynasty
- 40. Red Coral
- 41. Sea Fan Coral
- 42. Sea Pen
- 43. Soft Coral
- 44. Spongodes coral
- 45. Stag Horn
- 46. Stylaster Elegans
- 47. Stylophora Pistillata
- 48. Stylophora
- 49. Subergorgia Mollis
- 50. Thick Finger Coral



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COOK ISLANDS

Red	Synthetic		50	014G-028B		
Orange Red	Taiwan	4.8 x 2.89 x 3.07	1	405 cts		
Natural Coral	H-3-4	G5792-266-CA43	092	Carving		

Crystal – A

Description

Rough Stones Family – Quartz; Group is Silicate RO PATRIA Color – Colorless To Pink, White, Grey, Yellow, Brown, Golden Brown **Moh's Hardness** – 7 **Chemical Composition** – Silicon 4 - 6 Transparent МИНЕРАЛЬНЫЕ БОГАТСТВА-МАТЕРИАЛЬНАЯ Ⴑაძართველი White translucent is Milky Quartz ОСНОВА Развития KEAOV **Refractive Index** – 1.54-1.55 O GEORGIA Common Cut – As beads, cushion, round, brilliant, ball, pendant, carvings Occurrence - Brazil, Madagascar, EDERHOSE India, Mozambique, Namibia, Sri Lanka and United States **Rough Stone** 10. 6 crystals affixed - Austria rovski STALLWELTEN . (0) 9 - Ma 6+

1 - 3





7 - 10

Finished & Cuts Goods

Stamp





First Day Covers 14 - 16 Idol



Souvenir Sheet 17 - 20



Art Work 21 - 24



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5. Russia

4. Georgia

1. Switzerland 2. Uruguay 3. Netherlands

Dioxide (SiO₂)

Transparency

Density - 2.65

Translucent

- 6. Switzerland
 - Finished & Cut Goods
- 7. Rock Crystal Reliquary Germany
- 8. Swarovski Crystal Germany
- 9. Swan with 6 crystals Austria

Block

- 11. Switzerland
- 12. Russia
- 13. Belgian Handicraft Belgium **First Day Cover**
- 14. 2002 Jan 01 Switzerland
- 15. 1958 May 31- Switzerland
- 16. Idol Rutile Quartz

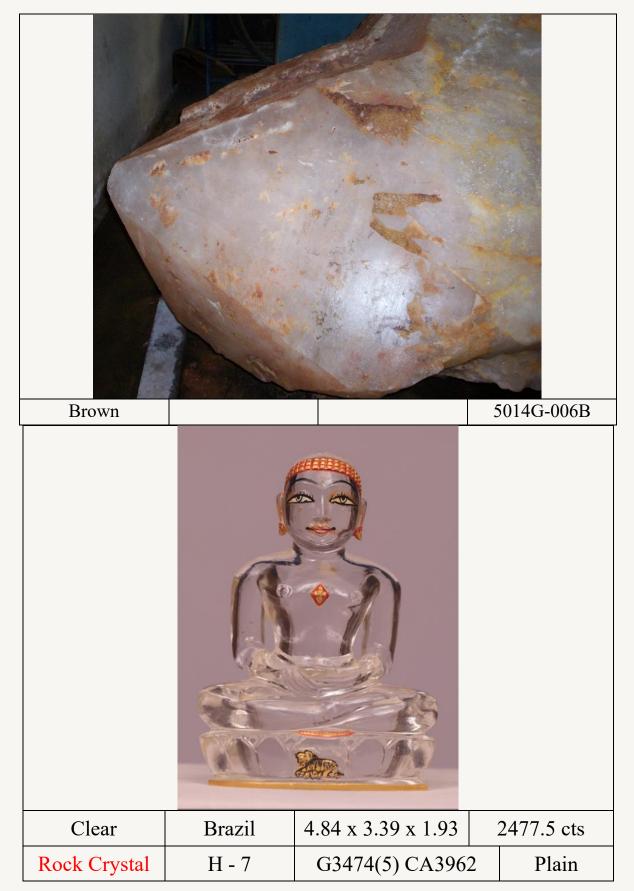
Souvenir Sheet

- 17. Austria
- 18. Switzerland
- 19. Germany
- 20. Austria

Art Work

- 23. Russia 21. Russia
- 22. India 24. Israel

Crystal – B



Diamond - A

Stamp

Description

Rough Stones 1 - 5 Chemical Composition – Crystallized UIDWES-AFRIK SWA Chana Carbon Rough - Kimberlite **Crystal** – Mainly Cubic Octahedron Common Cut - Round, Octagon, Marquee, Pears, etc. 6 - 9 **Color** – Colorless + Various Colors Arch **Transparency** – Transparent Moh's Hardness - 10 **Refractive Index** – 2.417-2.419 anzania **Density** – 3.50-3.53 Occurrence – South Africa and other Mining 10 - 13 African countries, Brazil, India, Russia, Synthetic Diamond – CVD stands for 20c SWA Chemical Vapor Deposition - Lab Grown. 14 TANZANIA Famous Diamonds – Kohinoor, Hope Religious Use – Churches, Royal Family Cut Stones 14 - 18 4C's – Grading Carat - Weight **Color Grading** – D to M onwards Cut – Brilliant Clarity Grading – Flawless, VVS, VS, SI, Inclusions, Larger Inclusions 19 - 22 Birthday Stone - April & Aries **Blood Diamond** – Congo **Rough Stone** 1. Lesotho 2. Russia 3. -4. South West Africa 6. Lesotho 5. Ghana **Jewelry** 23 - 27 7. Afghanistan 8. Tanzania Berlia 9. Botswana Mining 10. Tanzania INDONESIA 11. South West Africa 12. Namibia Ring 28 - 31 13. Lesotho **Cut Stone** 14. Andora 15. South Africa LINES DIAMOND 16. South Africa **Souvenir Sheets** 32 - 35 17. Israel 18. Ghana TANZANIA les minerais 19. Belgium 20. Tanzania 21. Belgium 22. Angola

Diamond – B

Description

Jewelry

- 23. Crown Virgin Island
- 24. Ring France
- 25. Crown Jersey
- 26. Pendant Indonesia
- 27. Flower Russia

Ring

- 28. Cook Island
- 29. Australia
- 30. Botswana
- 31. Thailand

Souvenir Sheet

- 32. Zaire
- 33. Ghana
- 34. Nevis
- 35. Tanzania

Block

- 36. Australia
- 37. Thailand
- 38. Afghanistan
- 39. South West Africa
- 40. Belgium
- 41. Angola

First Day Cover

- 42. 1983 Jun 08 South West Africa
- 43. 1974 Jul 01 Botswana
- 44. 1983 Oct 22 Belgium
- 45. 1970 Oct 31 Angola
- 46. 1998 May 12 Afghanistan
- 47. 2001 Mar 30 Thailand

Proof

- 48. 51. Germany
- 52. Tonga
- 53. South West Africa
- 54. Ghana
- 55. France

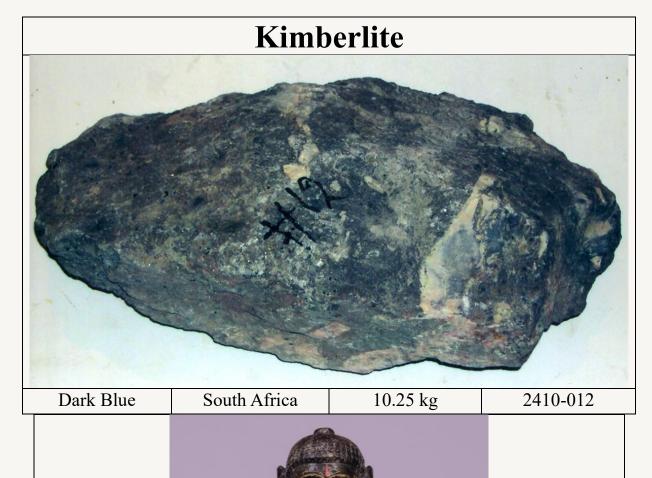
Error

- 56. Currency Change Botswana
- 57. Overprinting Lesotho
- 58. Value Change Ghana
- 59. Misaligned Block Printing Zaire Art Work
- 60. Netherlands
- 61. Literary Slovak Language 150th anniversary Slovenia
- 62. Diamond Cutter Central Africa
- 63. Blood Diamond Interpol



SLOVENSKO BUDGE CENTRARICANE POSTES CONCERNING CONC

Diamond – C



	ita Spata South Africa 7 x 5 6 x 2 75 8125 ata								
Black with Wh	ite Spots	South Africa	7 x 5.6 x 2.7	75 8135 cts					
Dolomite	H-6-10) L9697(175) CA152399	Plain					

Emerald – A

Description

Family - Beryl; Group: Silicates Chemical Formula - Be₃Al₂SiO₆ Color - Green – Lighter to Darker Shade Due to presence of Chrome. Luster - Semi Translucent Hardness - 5 to 8 Density - 2.67 to 2.78 Various Cuts: Octagonal, Round, Square, Pear, Cabs. Marquee Sources - Afghanistan, Brazil, Colombia, African Countries, Pakistan, & Russia Rough Stone

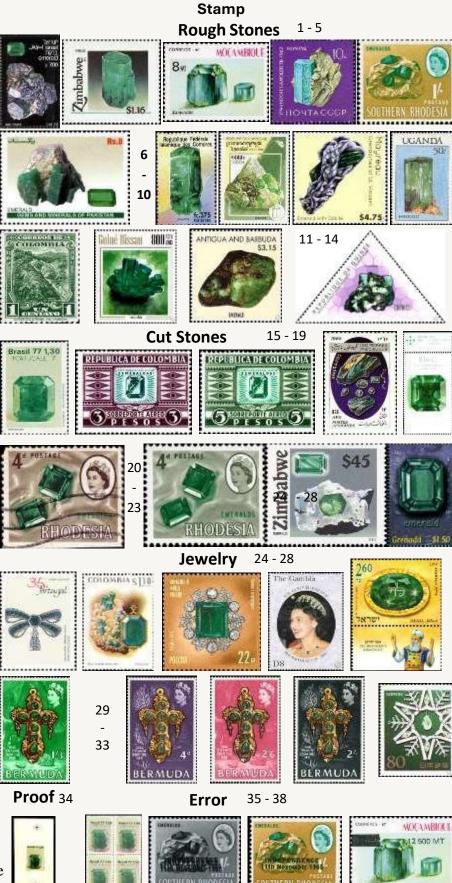
- 1. Israel
- 2. Zimbabwe
- 3. Mozambique
- 4. Russia
- 5. South Rhodesia
- 6. Pakistan
- 7. Comoro
- 8. Cambodia
- 9. St. Vincent
- 10. Uganda
- 11. Mines of Colombia
- 12. Guyana
- 13. Antigua & Barbuda
- 14. Guinea

Cut Stone

- 15. Brazil
- 16. Colombia
- 17. Colombia
- 18. Afghanistan
- 19. Germany
- 20. Rhodesia
- 21. Rhodesia
- 22. Zimbabwe
- 23. Grenada

Jewelry

- 24. Crown Portugal.
- 25. Emerald Pendant Colombia
- 26. Brooch with Emerald Russia
- 27. Necklace Gambia
- 28. Breastplate Israel
- 29. 32. Emerald cross which can be used as pendant Bermuda



Emerald – B

Description

Stamp



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34.Brazil

Error

Proof

35. Double print on block – Brazil 36. Wrong color of stamp – South Rhodesia

37. Overprint – South Rhodesia

38. Value change – Mozambique

39.Brazil

- 40. Cambodia
- 41.Mozambique

First Day Covers & Meter Mark

Block

- 42.1981 Dec 29 Israel
- 43.1987 Jan 02 Mozambique
- 44.1988 Dec 05 Afghanistan
- 45.1972 Jul 16 Colombia
- 46.1966 Feb 09 Rhodesia
- 47.1977 Nov 19 Brazil

Regular Envelope

48. Ordinary envelope with airmail & a sticker. It shows a routine cancellation – South Rhodesia

49. Brazil

50. Depicts Emerald and the Queen wearing a crown – Rhodesia **Postal Stationery**

51. Aerogramme air mail letter –

- South Rhodesia
- 52. The meter mark depicts a mineral – Brazil

Carving

- 53. A Statue in a Temple at Bangkok
- 54. Quran carved on a piece of **Emerald Plate**
- 55.Idol

Souvenir Sheet

- 56. It depicts various gemstones and minerals such as gold, quartz, emerald and calcite – St. Vincent
- 57. Shows Precious Stones Germany
- 58.Pakistan

Emerald – C





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Fluorite – A

Description

Color – Violet, Green, Yellow Can be changed with Gamma Rays **Chemical Composition** – CaF₂ – Calcium Fluoride Occurs well-formed crystals Found in cubes – Octahedron and joined **Transparency** – Transparent to Translucent Moh's Hardness – 4 **Density** – 3-3.25 **Refractive Index** – 1.434 **Occurrence** – Associated with Tin and Silver. Found in Pragmatic cavities, Sedimentary Rocks. Found World Wide Note – Pink Fluorite is Superb, from Paris, Banded Fluorite, Roman Cup Uses – Glazed Tiles, Semi-Opalescent Glass, Semi-Opaque Glass, Lalique is France, Tiffany in USA, Teflon cooking utensils Birthstone – December/January Synthetic – Fluorite is available Blue John – a Variety No Yttrium & Calcium Colorless **Rough Stone** 1. Thailand

- 2. Germany
- 3. Kenya
- 4. Mozambique
- 5. Togolese
- 6. Kyrgyzstan
- 7. Mozambique
- 8. Romania
- 9. France



5,00

FLUORITE

Fluorite – B

Description 10.Mexico **Cut Stone** 11.Australia 12.France 13.Netherlands 14.Togolese 15.Chad 16.Equatorial Guinea Error 17. – 18. Change of Country – South West Africa to Namibia 19. Change of Value – Kenya 20. Overprint – France Proof 21. – 24. Germany 25. – 32. Korea Block 33.France 34.Switzerland 35.Spain **Souvenir Sheet** 36.Mozambique 37.Togolese **First Day Cover** 38.1986 Sep 13 – France 39.1986 Sep 13 – France 40.1977 Dec 13 - Kenya 41.2006 Aug 07 - Romania

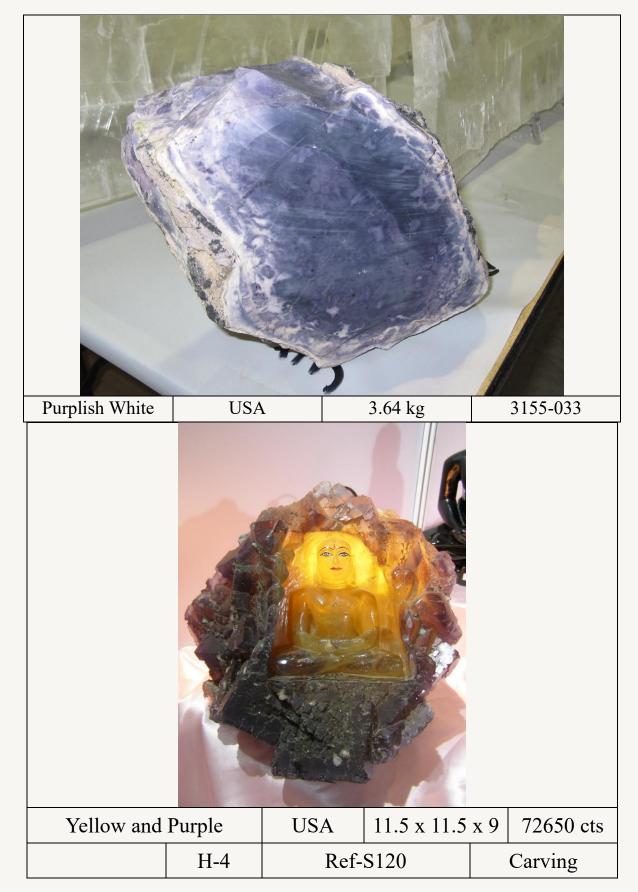
42.1969 May 21 - Germany

Art Work Same Stone - Different Color





Fluorite – C



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Garnet – A

Description

Family – Silicates of Magnesium Iron, and Aluminum Color – Brown, Red Crystal - Dodecahedron Moh's Hardness – 6.5-7.5 **Chemical Composition** – **Refractive Index** – 1.73-1.751 Transparency – Semi-opaque **Density** - 3.65-3.87 Common Cut – Beads, Octagon, Marquees, Occurrence – USA, India, Brazil, Mexico, Australia, Burma, Sri

Lanka

Rough Stone

- 1. Switzerland
- 2. Togolese
- 3. Mozambique
- 4. Montserrat
 - **Cut Stone**
- 5. Rhodesia
- 6. Zimbabwe
- 7. Grenada
 - Jewelry
- 8. Earrings Tunisia
- 9. Ring-Brazil
- 10.Pendant Czech Republic
- 11.Brooch Czech Republic

Block

- 12. Switzerland
- 13.Zimbabwe
- 14. Mozambique

First Day Cover

- 15.1980 Jan 01 Zimbabwe
- 16.1987 Jan 02 Mozambique
- 17.1958 May 31- Switzerland Souvenir Sheet, Miniature, **Meter Mark**
- 18. Togolese
- 19.Brazil
- 20. Montserrat





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Garnet – B





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Garnet – C



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Description

Crystal System – Monoclinic Types of Jade - Imperial Jade, Jade Albite, Maw Sit Sit, Yunnan Jade Color – White, Green, Pink, Brown, Orange, Yellow, Red, Blue, Black

Transparent – Transparent to Translucent

Moh's Hardness – 6-7

Refractive Index – 1.66-1.68 **Source** – Burma, China, USSR, Wyoming, USA, Brazil, South African Countries, India, Russia

Rough Stone

- 1. Togolese
- 2. Grenada
- 3. China
- 4. Grenada

Work of Art

- 5. Indonesia
- 6. China
- 7. Burma
- 8. Hong Kong
- 9. Macau
- 10.-13. China
- 14.Grenada
- 15.Madagascar
- 16. Mask Guatemala
- 17.Macau
- 18.New Caledonia
- 19.Korea
- 20.Honduras
- 21.Dominica

Block

- 22.–25. China First Day Cover
- 26.1998 Nov 13 China
- 27.1980 May 20 China
- 28.1979 Apr 12 China Error
 - Error
- 29.–31. Change of Value **Idols**
- 32.Burmese Jade 33.Aventurine

Rough Stones 1 - 4 Grenada 1600 采年因民年中 Grenada Grenadines Work of Art 5 - 8 SOCIALIST REPUBLIC OF THE UNION OF BURMA PUBLIK INDONESIA 4000 9 - 12 票郵國民華中 1.20 4 13 - 17 875 FMG REPOBLIKAN'I MADAGASIKARA 175 40 Grenada Grenadines 45¢ 18 - 21 REA 1999 170 BR. HONDURF Block 22 - 25 First Day Cover 26-28

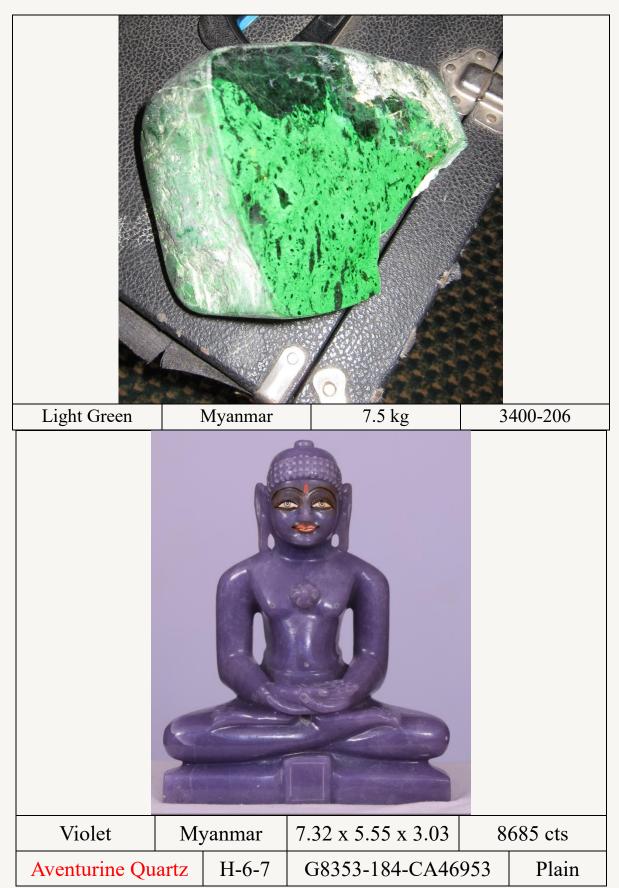
Error 29 - 31

Stamp

450

Idols 32 - 33

Jade – B



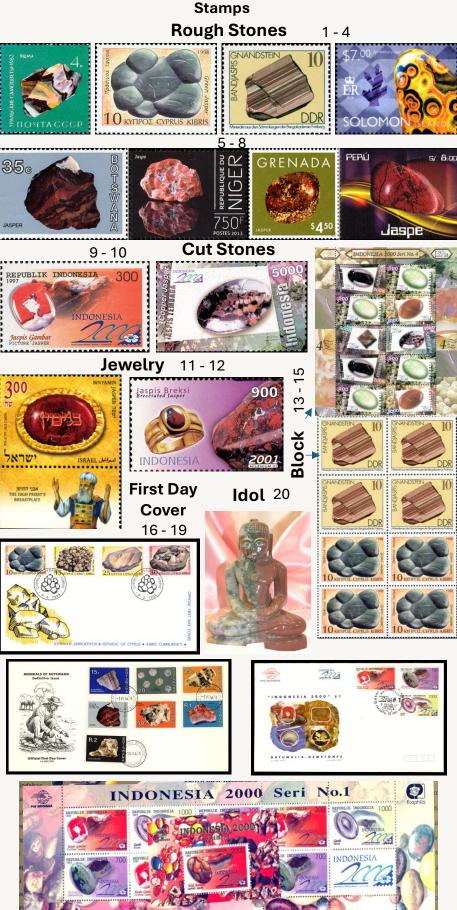
Jasper – A

Description

Family – Chalcedony, incorporating other material Color – Red, Yellow, Brown, Blue, Green Moh's Hardness $-6\frac{1}{2}$ - 7 **Chemical Composition** – Silicon O₂ **Transparency** – Opaque **Density** – 2.58 - 2.91 **Common Cut** – Cabochon, carvings **Occurrence** – India, Russia, Egypt, Madagascar, Australia, and South & North America Varieties – Agate Jasper - Blended with Agate Egyptian Jasper - Yellowish Red Banded Jasper - Layered Structure **Basanite** - Fine Grained Black Blood Jasper - It is a Heliotrope Horn Stone - Fine Grained Scenic Jasper - Brown Marking Mookaite - Pink to Red Uses – Ornamental Purposes as cabochons, and stone mosaic **Birthstone** – March **Rough Stone** 1. Russia 2. Cyprus 3. Germany 4. Solomon Islands 5. Botswana 6. Niger 7. Grenada 8. Peru **Cut Stone** 8. - 10. Indonesia Jewelry 11. Breast Plate – Israel 12. Ring – Indonesia Block 13. Indonesia 14. Germany 15. Cyprus **First Day Cover** 16.1998 Mar 09 – Cyprus 17.1974 Jul 01 - Botswana

18.-19. 1997 May 20 - Indonesia

20. Idol



Dark Purple	Madagascar	•	8.3 kg	24	410-001A	
Cocoa & Steel	Grey Madaga	scar	7.28 x 5.75 x 2	.87	8195 cts	
Chalcedony	H-6.5-7 GA30(170)CA34809 Plain				Plain	

Kunzite & Morganite – A

Description

Kunzite

Family: Spodumene Color: Blue, Dark Sky Blue, Greenish Blue, Yellowish Green Moh's Hardness: 6¹/₂ - 7 **Density:** 3.15 - 3.21 **Transparency:** Translucent **Occurrence:** Rare **Origin:** Chile **Rough Stone**

- 1. Chad
- 2. Djibouti

Morganite Family: Beryl Color: Colorless, Yellow, Pale Sheen Moh's Hardness: 7.5 - 8 Density: 2.71 - 2.90 **Transparency:** Translucent Occurrence: Common Origin: Sri Lanka, Burma, Brazil, India, Madagascar

Cut Stone

3. Rhodesia

4. Zimbabwe

Rough Stone

- 5. Solomon Island
- 6. Madagascar **First Day Cover**
- 7. 2001 Dec 27 Chad
- 8. 1978 Aug 16 Rhodesia



Stamps

First Day Covers 7 - 8

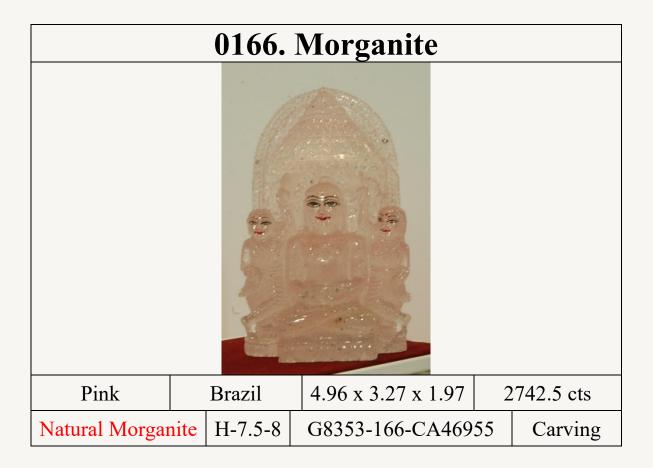


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Kunzite & Morganite – B O156. Kunzite Image: Spodumene <



Lapis Lazuli – A

Description

Lazuli

Blue

Sulfate

Density – 2.50 - 3.00

Angola, Canada

Sapphire

1. Chile

3. Tajikistan

7. Tajikistan

8. Israel

12.Chile

14.Chile

13. Tajikistan

15.Netherlands

Netherlands

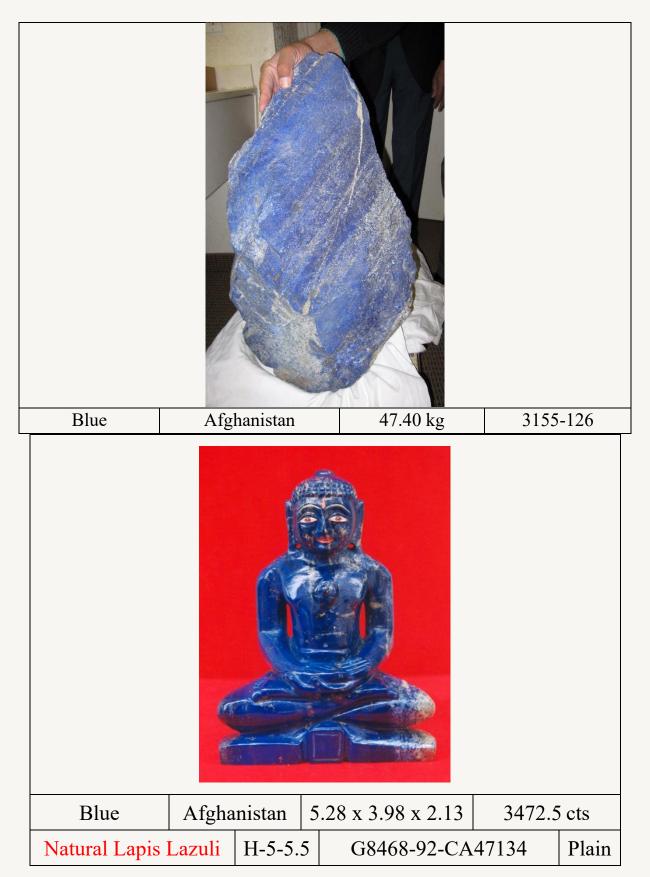
Block

Stamp **Rough Stones** 1 - 3 **Family** – Mineral Lazurite is a main component of stone Lapiz CHILE 12 \$150 Color – Lazur Blue, Violet, Green-Coloring agent is Sulphur Moh's Hardness - 5-6 5 - 6 Jewelry THE GAMBIA **Chemical Composition** – Sodium POSTES AFGHANES Calcium Aluminum Silicate Sulfur **Transparency** – Opaque **Occurrence** – Afghanistan mines -اننال دافغانستان بت 2-AFS 7 - 8 Blocks are main source. Lighter material comes from Chile, Italy, Argentina, • 025297 US, Tajikistan, Russia, Burma, Birthstone – September, with 11-1 **Rough Stone First Dav Covers** 9 - 11 2. Montserrat 4. Gambia Jewelry 5. - 6. Full Sets – Afghanistan HILE PAIS MINERO **Souvenir Sheets** 12 - 14 IN SEL **First Day Cover** 9. 1996 Aug 09 – Chile 10.2012 Apr 17 – Israel 11.1988 Dec 05 – Afghanistan **Souvenir Sheet Idol** 17 **Triangular Stamp** 15 - 16 ndse ANTILLEN **Triangle Stamp** 16.FDC - 1998 Nov 13 -

17.**Idol**

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Lapis Lazuli – B



Opal – A

Description

Refractive Index – 1.39-1.47 **Hardness** -5.0 - 6.0**Specific Gravity** – 1.95-2.20 Crystal System – Amorphous Luster – Vitreous Transparency – Transparent -Opaque **Occurrence** – Very Common Sources – Madagascar, Germany, Canada, Russia, UK **Rough Stone**

- 1. Australia
- 2. Chad
- 3. Grenada
- 4. Laos
- **Cut Stone**
- 5. Indonesia
- 6. Gambia

Jewelry

- 7. Earring Hungary Idols
- 8. Boulder Opal USA
- 9. White Opal Australia **Souvenir Sheet**

10.Hungary

- 11.Russia
- 12. Austria
- 13.Australia
- 14.Gambia
 - **First Day Cover**
- 15.1973 Jul 11 Australia
- 16.1999 May 20 Indonesia



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Mixed	Mexico	0.600 kg	3155-094			
Creamish	Australia	2.76 x 1.81 x 0.91	280 cts			
Natural Opal	H-5.5-6.5	G8270-91-CA4680	l Plain			

Pearl – A

Description

Baroque Pearls are irregular shaped. Valuables are spherical and drop like.

Salt Water Pearls are referred as Oriental Pearls. Others are Fresh Water Pearls.

Culture Pearls are those that are grown on Pearl farm.

Color – White, Pink, Silver, Cream, Golden, Green, Blue, Black; Varies with type of Mollusk and the water

Moh's Hardness - 2.5-4.5

Density – 2.60-2.85

When density is > 2.73 it is cultured Pearl while density of natural Pearls is lower

Refractive Index – 1.52-1.56

Transparency – Translucent to Opaque

Crystal System – Orthorhombic

Chemical Composition – Calcium Carbonate Pearls are sorted by size and stringed together

Size – Pins head to Hen's egg. Largest one is Hope Pearl

Aging – dull tissues appear average life span 100-150 years

Taking care of Pearls – They are sensitive to acid, perspiration, cosmetics, and hair spray. Easily scratched, avoid contact with metal **Valuation** – Most valuable are spherical or drop like with deep luster and good color.

Matching Pair of Pearls is more valuable

Uses - Jewelry & Pearl Strings

Bombay is an important center for Pearl trade



Pearl – B

Description

Rough Stone

- 1. French Polynesia
- 2. Burma
- 3. Oldest Pearl UAE
- 4. Japan
- 5. Qatar
- 6. Malaysia
- 7. Diving Gear UAE **Cut Stone**
- 8. Gambia
- 9. Tanzania
- 10. Tonga
- 11. Australia
- 12. French Polynesia
- 13. Thailand

Jewelry

- 14. Drop Russia
- 15. Necklace New Zealand
- 16. Ring China
- 17. Pendant Russia
- 18. Cap Mongolia
- 19. Earring Burma
- 20. Earrings Bermuda Block
- 21. China
- 22. Tonga
- 23. Tonga

First Day Cover

- 24.1996 Sep 05 Australia
- 25.1986 May 27 Tanzania
- 26. 1968 Mar 04 Burma
- 27.1954 May 06 France
- 28.1982 Apr 22 French Poly.
- 29.2001 Mar 30 Thailand
- **Souvenir Sheet**
- 30. Grenada
- 31. Thailand
- 32. Gambia

Proof

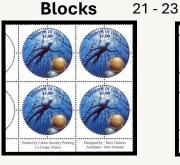
- 33.-35. French Polynesia
- 36. Tonga

Art Work

- 37. French Polynesia
- 38. Tonga
- **39**.Diamond Shaped Stamp







Stamp



First Day Cover 24-26





27 - 29





30 - 32 Souvenir Sheet





37 - 39







Pearl – C	;
-----------	---

Creamish White	Philippines	5	5 X 6.75 X 0.10	660 cts	
	H-2.5-4.5			Base Plate	
Creamish Philippines 11 x 7 x 6 15130 cts					
Creannsn	H-2.5-4.5	1.	1 A / X U	Base Plate	

Ruby - Zoisite – A

Description

Base Stone is Zoisite - Opaque Color – Pinkish Red to Blood Red – Top Quality has Pigeon's Blood Crystal System - Trigonal **Chemical Composition** – Al₂O₃ (Aluminum Oxide) Hardness - 9 **Density** - 3.97-4.05 **Refractive Index** – 1.762-1.778 **Transparency** – Transparent to Opaque Sources – Burma, Thailand, Sri Mozambique, Lanka, Tanzania, Vietnam, India, African countries Birth Stone – July, Cancer **Star Ruby** – Six ray star, arranged in symmetry.

Rough Stone

- 1. Vietnam 2. Pakistan
- 3. Nawata Ruby Myanmar
- 4. Tajikistan 5. France
- 6. Vietnam 7. Austria
- 8. Kenya 9. Guinea

Cut Stone

- 10. Thailand 11. Germany
- 12. Sri Lanka

Jewelry

- 13. Grand cross Portugal
- 14. Snowflake Japan
- 15. Crown Tuvalu
- 16. Crown Guinea-Bissau

Block

- 17. Vietnam 18. Cambodia
- 19. Myanmar 20. Tajikistan
- 21. Portugal
- Idol
- 22. Idol
- Error
- $23. \, Color \, difference-Thailand$

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Ruby - Zoisite – B

Description

First Day Covers & Meter Mark

- 24. 1972 Jun 07 Thailand
- 25.1988 Dec 05 Afghanistan
- 26. 1998 Dec 28 Cambodia

Souvenir Sheet

- 27. Tanzania
- 28. Sri-Lanka
- 29. Germany
- 30. Austria
- 31. Japan
- 32. Comoro Islands
- 33. Grenada

Corundum

- 34. A rare form of Alumina. They vary in color Benin
- 35. French Sothern & Antarctic Territories
- 36. Togo
- 37. Central African Republic
- 38. Cuba

39. Togo

- 40. Central African Republic
- 41. Corundum, Uraninite and Realgar – Cuba
- 42. FDC 1998 Jun 05 Benin **Zoisite**
- 43. Chad 44. Burundi
- 45. Slovenia 46. Burundi
- 47. FDC 1996 Jan 01 Burundi
- 48. Corundum with Fuchsite
- 49.-50. Ruby in Zoisite
- 51. FDC 2005 Mar 18 Slovenia



Ruby - Zoisite - C



Sapphire – A

Description

Family – Corundum

Color – Colorless, Blue, Pink, Orange, Yellow, Green, Purple, Black or any hue of Rainbow **Luster** – Adamantine to vitreous

Streak Colorless

Moh's Hardness – 9

ChemicalCompositionAluminum Oxide

Crystal Structure – Hexagonal

Transparency – Transparent to Opaque

Density – 3.95 - 4.03

Refractive Index – 1.76-1.77

Common Cut – Star Cabochon, Brilliant Cut done to enhance color

Country of Origin – Australia, Brazil, Kenya, Colombia, Laos, Nepal, New Zealand, Pakistan, Malawi, India, Vietnam, Nigeria, Zimbabwe

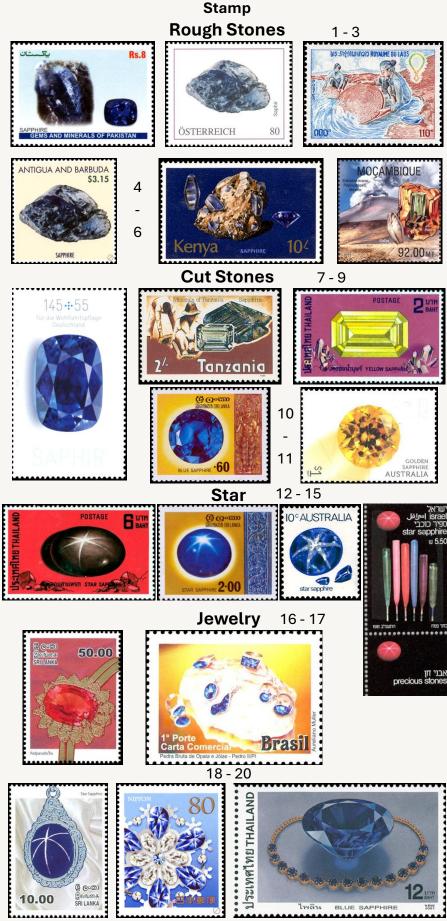
Sapphire Buddha carved from single sapphire piece

Logan Sapphire – 423 carat, Hens' egg – Largest

Montana – USA has gravels in wide range of colors

Rough Stone

- 1. Pakistan
- 2. Austria
- 3. Laos
- 4. Antigua & Barbuda
- 5. Kenya
- 6. Mozambique



Sapphire – B Description Stamp Blocks 21 - 23 **Cut Stone** 6° AUSTRALIA 8° AUSTRALIA 7° AUSTR 7. Austria 8. Tanzania 9. Thailand 10.Sri Lanka 8° AUSTRALIA 9° AUSTRALIA **IO°AUSTRALIA** 11. Australia Star 12. Thailand 13.Sri Lanka 14. Australia First Day Cover 24 - 25 15.Israel Jewelry Tanzania 16. Ring - Sri Lanka 17.Set – Brazil 18. Pendant – Sri Lanka minerals 19. Snowflake – Japan OFFICIAL FIRST DAY COVER 20. Necklace – Thailand **Souvenir Sheets** 26 - 28 Block Gemstones 21. Thailand

- 22. Australia
- 23. Tajikistan

First Day Cover

24.1986 May 22 – Tanzania 25.1972 Jun 07 – Thailand **Souvenir Sheet**

26. Sri Lanka

- 27. Antigua & Barbuda
- 28. Australia
- 29. Pakistan
- 30. Austria

Proof

31.Laos

Error

- 32. Misaligned Perforation -Australia
- 33.Gutter Tanzania
- 34. Gutter Kenya

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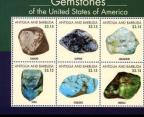




Proof



31





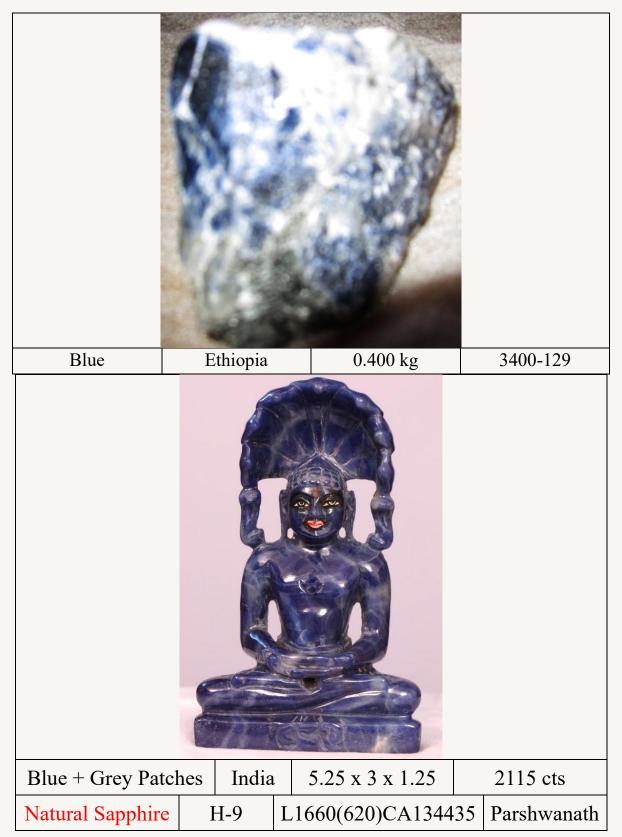


Error 32 - 34





Sapphire – C



Tanzanite – A

Family: Zoisite

Density: 3.35

Calcium

Cleaners

2. Chad

3. Austria

4. Tanzania

6. Burundi

7. Tanzania 8. Liberia

11. Austria 12.Liberia

13.**Idol**

5. Solomon Island

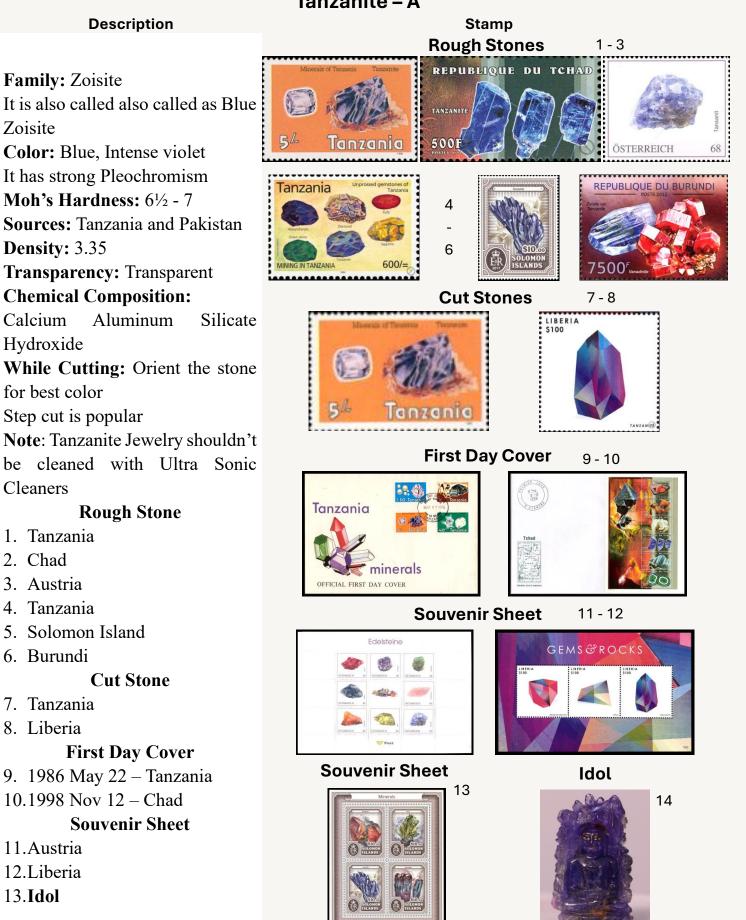
1. Tanzania

Hydroxide

for best color

Step cut is popular

Zoisite



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Tanzanite – B

Blue	Tanzania	2.48 x 1.48 x 0.91	457	7.5 cts
Tanzanite	H-6-6.5	H51565-342- CA5	57668	Carving

"Precious gems are profoundly buried in the earth and can only be extracted at the expense of great labor." – Anandamayi Ma

"Story of a Stone – A Creation of Nature, Making of a Jewel – A Creation of Human Mind" – Dr. Rajnikant Shah

Tourmaline - Indicolite – A

Description

Family: Silicates Hardness - 7-7.5 Sp. Gr. - 3-3.2. Varieties: are Rubellite - Pink, Indicolite - Blue, Verdelite -Green, Paraiba is the best and costliest. Sources - Afghanistan, Brazil,

African countries, Pakistan, Russia & USA.

Rough Stone

- 1. Kenya
- 2. Tourmaline, Beryl and Scapolite Mozambique
- 3. Comoro Islands
- 4. Togolese
- 5. USA
- Some tourmalines display two or more colors within the same crystal – Switzerland
- 7. Solomon Islands
- 8. A map of Africa with Elbaite Tourmaline – Mozambique
- 9. Depicts Liddicoatite Tourmaline – Burundi
- 10.Mica & Feldspar in granite rocks Mozambique
- 11.Zambia
- 12.Depicts Vivianite, Lepidolite, Rubellite and Tourmaline -Comoros
- 13.Grenada
- 14.It has been known since antiquity in the mediterranean region – Tajikistan

Cut Stone

- 15.South West Africa
- 16.Brazil

Jewelry

- 17.Pendant Russia
- 18. Jewelry Set Afghanistan

Rough Stones 1 - 3 MOCAMBIQUE 475F UNION des COMORE 4 - 7 \$7,00 PRO PATRIA 1959 300f BLIQUE DU BURUNDI MOCAMIBIOUE 8 10 S.M MA 500FC 11 14 ZAMBIA 28n UNION des COMORES Cut Stones 15 - 16 Jewelry 17 - 18 SUIDWES-AFRIKA POSTES AFGHANES Brasil 89 22₽ SOUTH WEST AFRIC تانيت 2-AFS POCCH Blocks 19-22

Stamps



Error

23 - 26



Tourmaline - Indicolite – B

Description

Block

19. Switzerland

21. USA



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- Error 23. -24. Printing error with shift of stone print - USA
- 25. Country name and face value are missing - Brazil
- 26. Different Color South West Africa

First Day Covers & Meter Mark

- 27.1989 Jul 12 Brazil
- 28.1999 Jan 01 Togolese
- 29.1959 Jun 01 Switzerland
- 30. 1977 Dec 13 Kenya
- 31.1979 Sep 10 Mozambique
- 32.1959 Jun 01 Switzerland

Souvenir Sheet

- 33. Mozambique
- 34. Comoros Islands
- 35. Various minerals on the occasion of Japan World Stamp Exhibition 2011 – Comoros Islands
- 36. Burundi
- 37. Tajikistan

Indicolite

- 38. Elbaite Indicolite Niger
- 39. Niger
- 40. Comoro Islands
- 41. Comoro Islands
- 42. Brazil
- 43. FDC 1988 Jan 22 Brazil

Carving

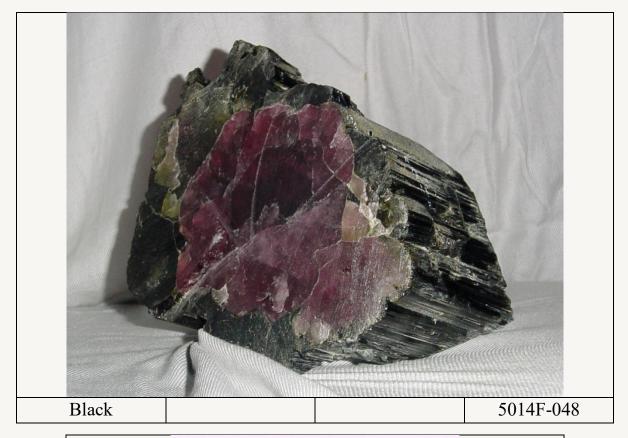
- 44. Tourmaline Idol
- 45. Crown jeweled with Tourmaline stones. Used in Miss World.
- 46. Indicolite Idol



90



Tourmaline - Indicolite – C





Turquoise – A

Description

Family – Turquoise Gem material ANTIGUA AND BARBUDA impregnated, verv porous is enhances its color.

Color – Sky-Blue, Blue-Green, Apple-Green: depending on amount of Iron & Copper; It comes in different shades of blue & green.

Moh's Hardness – 5-6

It is a porous stone and absorbs body oils and change color

Chemical Composition – Hydrous **Copper Aluminum Phosphate**

Transparency – Translucent to Opaque

Density - 2.31-2.84

Common Cut – It is cut Cabochon; carved & engraved

Rough Stone

- 1. Antigua & Barbuda
- 2. Uganda 3. Grenada
- 4. Cambodia 5. Belgium
- 6. Benin 7. France Jewelry
- 8. Mask China
- 9. Ring-Mongolia
- 10. Cup Inlay Iran

Cut Stone & Block

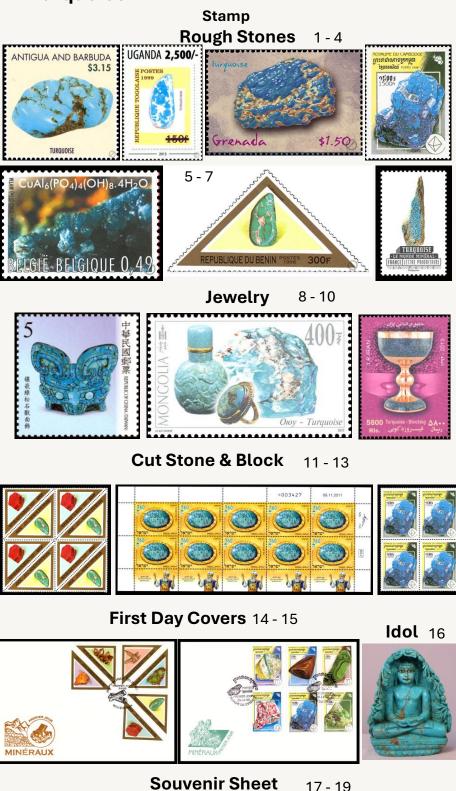
- 11.Benin
- 12.Israel
- 13.Cambodia

First Day Cover

- 14.1998 Jun 05 Benin
- 15.1998 Dec 28 Cambodia
 - 16.**Idol**

Souvenir Sheet

- 17. Mongolia
- 18.Iran
- 19.China



17 - 19

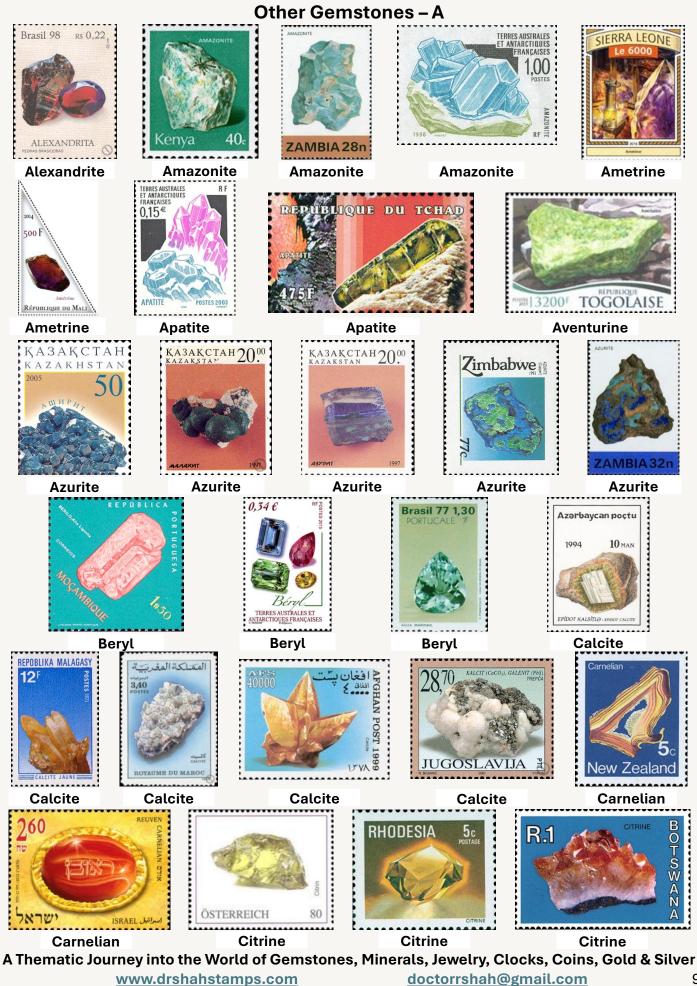


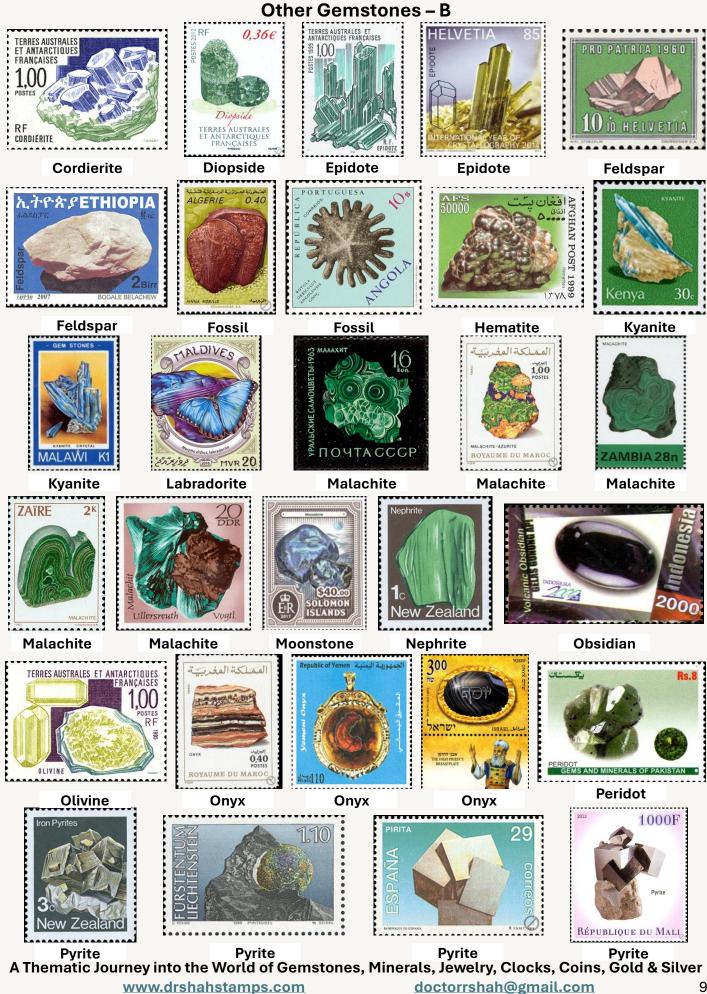


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Turquoise – B







Other Gemstones – C



Tiger's EyeVerditeZirconZirconA Thematic Journey into the World of Gemstones, Minerals, Jewelry, Clocks, Coins, Gold & Silverwww.drshahstamps.comdoctorrshah@gmail.com96

Idols of Other Gemstones – D						
0079. Amazonite						
0079. Amazonite						
Green (White Spo	ots)	Russia	5	.25 x 4.29 x 2.05	3110 cts	
Amazonite	AmazoniteH-6-6.5G1162-79-CA35842Plain				Plain	
	0	083. T	ig	er's Eye		
Brownish Golden	Brownish Golden South Africa 5.43 x 4.17 x 2.09 3312.5 c					
Tiger's Eye	H-7 G8468-83-CA47135 Plain					

