

Copper

- categorized as Mineral/Precious Metal
- Ore: Chalcopyrite, Bornite, Azurite, Malachite
- Use: Wire & Cable, Electronics, Electronics Motors, Architecture etc
- Occurrence: Chagai, Lasbella, Qilla Saifullah, Khuzdar



Lead

Ore : Galena

Category: Mineral/Precious Metal

Use: Car batteries, Pigments, Ammunition, Cable sheathing, Weights for Lifting, Weight belts for Diving, Lead Crystal glass, Radiation Protectors

Occurrence: Lasbella, Chagai and Khuzdar





Zinc

Category: Mineral/Precious Metal

Ore: Sphalerite

Use: Anti-corrosion and batteries,
Alloys, Other industrial uses

Occurrence: Lasbella, Khuzdar, Chagai



Chromite

Category Mineral

Use: Stainless Steel manufacturing, Porcelain tile pigmentation, Nichrome alloys

Occurrence: Pishin (khanozai), Qilla Saifullah (Muslim Bagh), Lasbella, Khuzda, Zhob, Dalbandin etc





Iron

Category: Mineral

Ore: Magnetite, Hematite etc

Use: Used as structural material, steel making, Alloys, Iron Compounds etc

Occurrence: Chagai, Lasbella, Qilla Saifullah, Khuzdar





Granite

Category: Dimension and Building Stone

Rock: Intrusive igneous hard rock

Description and Use: Granite is weather resistant rock and widely used as dimension and building stone.

Occurrence: Chagai and surroundings



Molybdenum

Category

Mineral/Precious Metal

Ore

Wulfenite, Powellite, Molybdenite

Use

Alloys, used in Fertilizer etc

Occurrence

Chagai



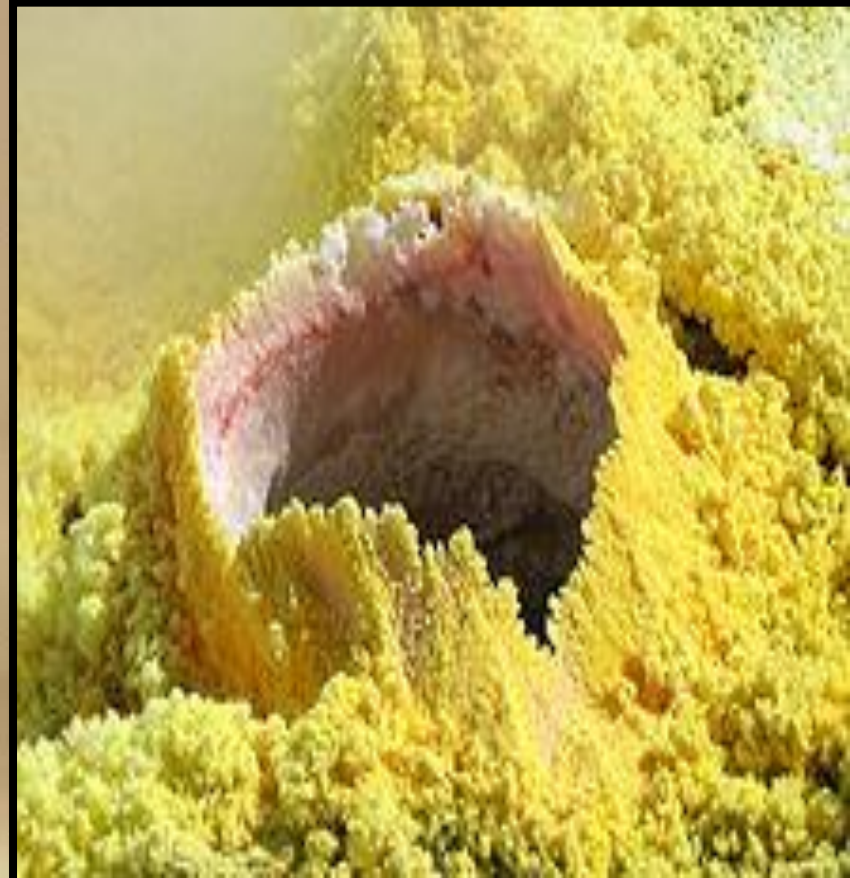


Sulfur

Category :Mineral

Use: Sulfuric Acid, Fertilizer, Fungicide and pesticide, Pharmaceuticals etc

Occurrence : Chagai, Lasbella, Qilla Saifullah, Khuzdar





Barite
Category
Mineral
Use
Used in oil and gas drilling, Barium Compounds, X-ray Shielding, Rubber Mud flaps, Cosmetics, Pharmaceutical Industries etc.
Occurrence
Khuzdar





Manganese

Category

Mineral

Ore

Pyrolusite, Braunite etc

Use

Aluminum Alloys, Steel etc

Occurrence

Chagai, Lasbella, Qilla Saifullah, Khuzdar



Antimony

Category

Mineral/Precious Metal

Ore

Stibnite, Jamesonite

Use

Flame Retardants, Alloys etc

Occurrence

Washuk, Qila Abdullah, Chagai



Magnesite

Category

Mineral

Use

Magnesite is used to produce magnesium oxide (MgO), which serves as a refractory material for the steel industry and as a raw material for the chemical industry. Small amounts of magnesite are also used as a gem and lapidary material.

Occurrence

Qilla Saifullah
(Muslimbagh), Khuzdar, ,
Lasbella



Pumice

Category

Rock

Description and Use

Pumice is also called Pumicite in its powdered or dust form, is a volcanic rock that consists of highly vesicular rough textured volcanic glass, which may or may not contain crystals.

It is a very light weight, porous and abrasive material and it has been used for centuries in the construction and beauty industry as well as in early medicine.

Occurrence:

Chagai, Qila saifullah



Marble Onyx

Category: Dimension and Building Stone
Use: It has a long history of use for hardstone carving and jewelry, where it is usually cut as a cabochon or into beads. It has also been used for intaglio and hardstone cameo engraved gems, where the bands make the image contrast with ground.
It widely used as building and dimension stone.
Occurrence: Chagai





Soapstone

Category: Artistic and Architectural Stone

Description: Soapstone is a talc-schist, which is a type of metamorphic rock. It is composed largely of the magnesium rich mineral talc

Use: Medium for Carving, manufacturing of pots, pans, statues, jewel boxes, coasters and vases

Occurrence: Qilla Saifullah, Khuzdar, Lasbella



Titanium

Category: Mineral/Precious Metal

Ore: Rutile, Ilmenite, Brookite, Titanite, Anatase etc

Use: Pigments, Additives & Coatings, Jewelry, Medical, Titanium Alloys are high corrosion resistance and used in aircraft frames, aero engines, armour plating, naval ships, spacecrafts and missiles.

Occurrence: Lasbella, Qilla Saifullah, Zhob



Bauxite

Description

Bauxite is a sedimentary rock with a relatively high aluminium content. It is the world's main source of aluminium.

Use

Bauxite is used in a lot of industries like the chemical industry, refractory, abrasive, cement, steel, and petrol industry amongst others.

In chemical, bauxite along with alumina is used in the manufacturing of aluminium chemicals. In refractory, it is used as a raw material for making several products

Occurrence:

Ziarat, Mastung

Zircon

Category: Mineral

Use: Consumed as Opacifier, used in decorative ceramics industry, used in refractories and foundry casting, used in geochronology.

Occurrence:

Lasbella, Chagai





Coal

Category: Mineraloid

Use: The most significant uses of coal are in electricity generation, steel production, cement manufacturing and as a liquid fuel. Different types of coal have different uses. Steam coal - also known as thermal coal - is mainly used in power generation. In Pakistan, one of the main usage of Coal is in bricks kilns and factories of textile and cement etc.

Occurrence: Duki, Sor-range, Mach, Shahrag, Hernai, Khost, Degari etc



Basalt

Category

Dimension and Building stone

Description

Igneous Rock

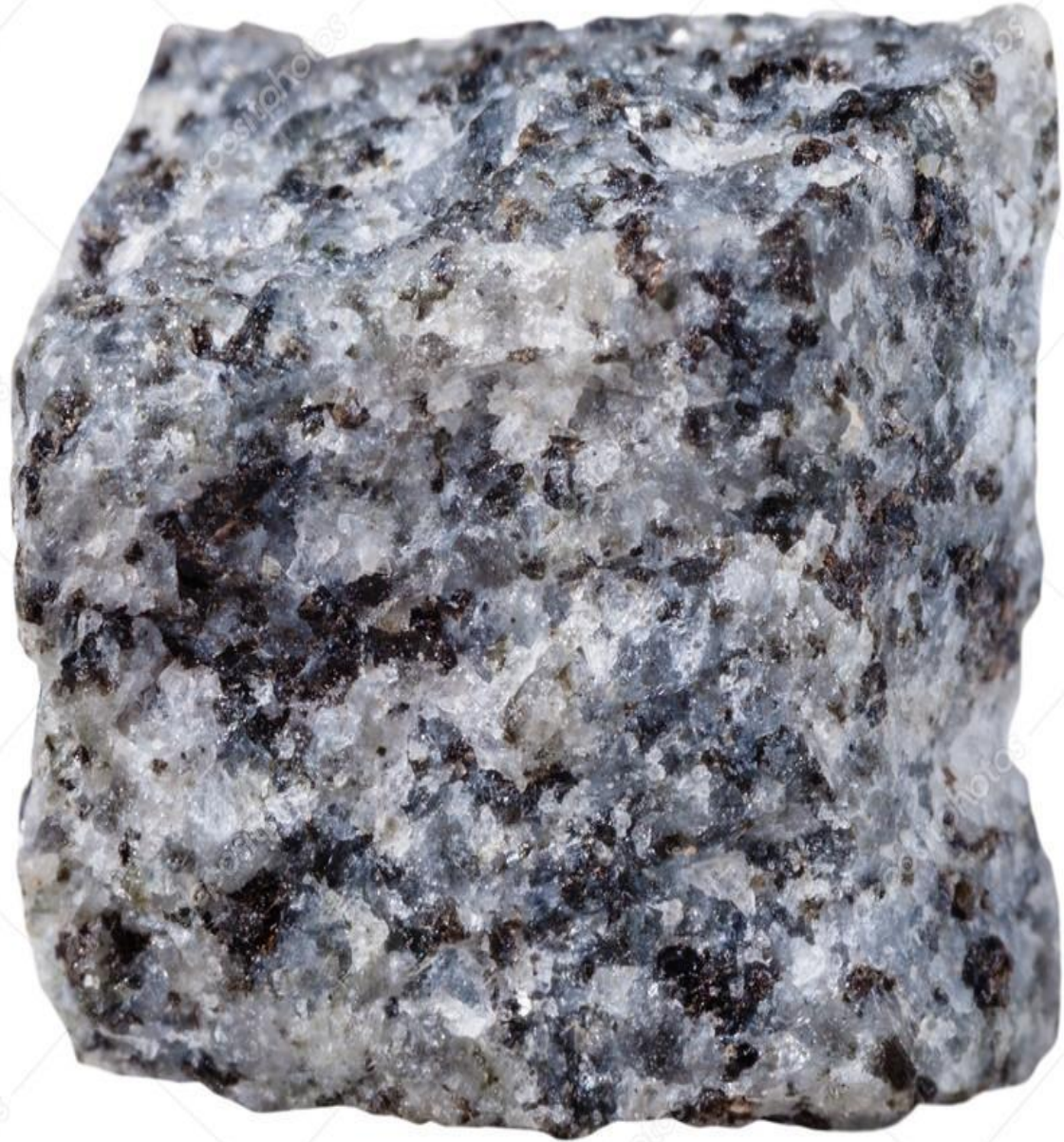
Use

Dimension and Building Stone, Carving Stone

Occurrence:

Qilla Saifullah (muslim bagh), Pishin (Khanozai), Lasbella (Bela)





Gabbro

Category

Dimension and Building Stone

Description

Igneous Rock

Occurrence:

Qilla Saifullah (muslim bagh), Pishin (Khanozai),
Lasbella (Bela)





Petroleum Quartz

Category: Gemstone

Occurrence: Kharan, Zhob, Khuzdar



Amethyst

Category

Gemstone

Use

Gemstone and Jewelry

Occurrence:

Chagai



Turquoise

Category

Gemstone

Description

It is rare and valuable in finer grades and has been prized as a gemstone and ornamental stone for thousands of years owing to its unique hue. Like most other opaque gems, turquoise has been devalued by the introduction onto the market of treatments, imitations and synthetics.

Use

Gemstone, Considered as Holy Stone in different religions

Occurrence:

Chagai



Jade

Category

Ornamental Mineral

Use

Used in sculptures, jewelry, gemstones. Historically jade was used to manufacture ax heads, weapons and tools for scraping and hammering.

Occurrence: Chagai, Kharan, Qila saifullah

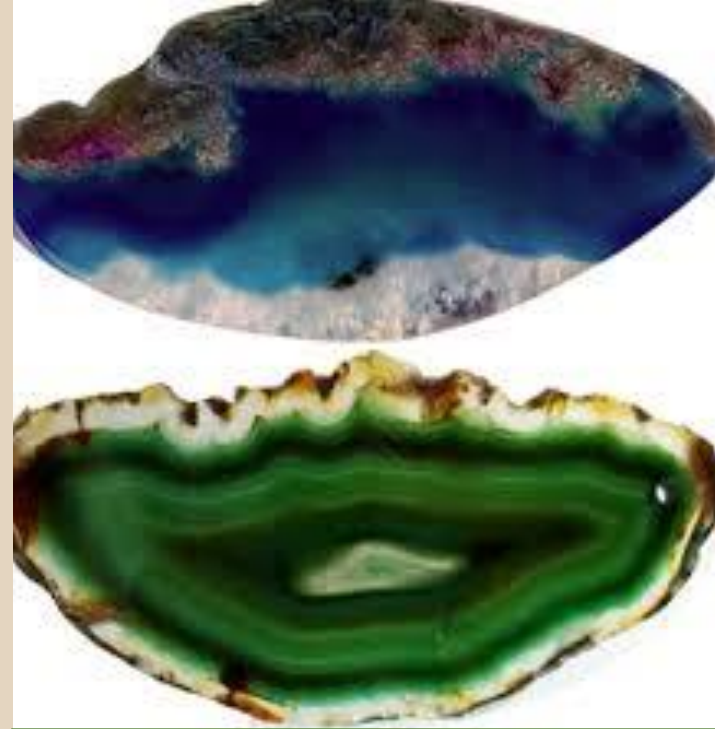


Brookite

Category: Gemstone/Precious Mineral

Occurrence: Kharan

In 2004, Brookite was first time found in Kharan District which happened to be the finest "Alpine-type" Brookite specimens ever seen. These pieces are remarkably similar to the classic true Alpine Brookites from Italy and Austria, and in many ways have surpassed their European counterparts in terms of size and quality. The superb luster and form of the crystals combined with their deep flame red hues and classic black "phantoms" make them incredibly desirable to collectors as specimens of this caliber truly have never been offered on the market like this.



Agate

Description

Agate is a rock consisting primarily of cryptocrystalline silica, chiefly chalcedony, alternating with micro-granular quartz.

Use

Hardstone Carving, Jewelry, making of knife-edge bearings for laboratory balances and precision pendulums, mortars & pestles,

Occurrence: Chagai, Lasbella, Qilla Saifullah, Khuzdar



Fluorite

Use

Uses as source of fluorine and fluoride, Niche Uses, Lapidary uses and Optics

Occurrence

Loralai, Mastung





Gypsum

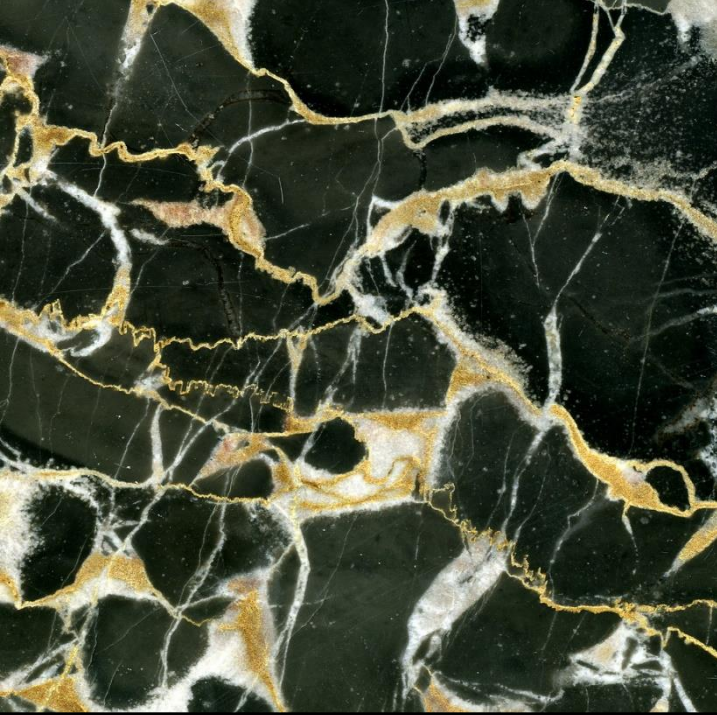
Use

Used as finish for walls and ceiling, wallboard, or plasterboard, used as construction material, Fertilizer, used in cement manufacturing etc

Occurrence

Kohlu, Hernai, Chagai, Noshki





Limestone

Description and Use

sedimentary rocks, used in Cement manufacturing. However, Limestone is widely uses as dimension stone and for other construction purposes.

Occurrence

Quetta, Khuzdar, Loralai, Kalat, Chagai, Lasbella, Qilla Saifullah, Bolan etc

