



Rock n Clay

Corporate Brochure

Website: www.rocknclay.co.in

Contact Person

Mr. Piyush Bangar

Email: piyushbangar@gmail.com

(O) +91 1482 246666 (M): +91 9414110100

(F): +91 1482 246996

About Rock n Clay

- Established in 2006, Rock n Clay is an established manufacturer, processor & exporter of premier quality minerals and natural resources like Soap Stone / Talc (Talcum) Powder, Quartz/ Silica, China Clay, Calcite, Pebble Stones, Feldspar (Both Sodium & Potassium), Laterite & Red Ochre
- We are an acknowledged player in the industry due to our robust production process, product quality, and supply reliability - the services that create value for our customers globally. We have achieved a sales turnover of over INR 100 million in 2015.

Range of Products

- | | | |
|-------------------|-------------------|----------------------|
| - Soapstone/ Talc | - Calcite | - China Clay |
| - Quartz | - Sodium Feldspar | - Potassium Feldspar |
| - Silica | - Laterite | - Red Ochre |

Products and Applications

- Rock n Clay's products and specialties have applications in a wide range of industries, including Construction, Ceramic Tiles, Sanitary wares, Engineering, Animal & Poultry Feed, De-sulferization in Power Plants, Refractory, Textile Sizing, Welding Rods, Personal Care, Paper, Ink & Pigments, Paint, Electric Insulators, Glass, PVC, Plastics, Agro Chemicals, Grains & Pulses Polishing, Soap & Detergents, Polyester Putties, White & Grey Cement, PP Mater Batch, Solar Panel Glasses, Ferro Alloys, Sillicon Chips, Telecommunications and Energy among others.

Vision

- Our vision is to become a leading mining & mineral company in Rajasthan, India and be a Prominent Global Supplier of international premium quality minerals and mining materials.

Plant Locations

- Our plants are situated near Bhilwara in the state of Rajasthan, India having sizeable installed pulverizing/ Grinding & Graining capacity.

Mining Locations

- Rock n Clay understands the need of consistency required in the industry. Therefore, it procures the raw material needed from its own mines located at the various locations in Rajasthan, while the Safety and Environment protection are given utmost priority. Our mining locations are as follows:
 - Soap Stone & Clay are at Ghewaria area, Dist. Bhilwara, State Rajasthan, India
 - Quartz & Potash Feldspar at Thob Ka Khera, Bhagwanpura area, Dist. Bhilwara, State Rajasthan, India
 - Quartz & Soda Feldspar at Baghsuri, Nasirabad, Dist. Ajmer, State Rajasthan India



UNMATCHED QUALITY

“At Rock n Clay, we continuously strive to anticipate and understand customer requirements, convert these into high performance standards for our products and meet these standards every-time.”

- We are committed for building and maintaining long lasting business relationships with all of our customers and relentlessly endeavor for ‘Best in Class’ quality to exceed customer’s expectations through a state-of-the-art manufacturing, mining & processing total quality management systems & industrial standards.
- We do not compromise on the quality as we compete with the best in international market. Fine and pure quality of different grades of products has been the driving force that brings us repeat customers.

Vision, Mission & Values

Mission

- Our mission is to provide the **best of Minerals & Customer Satisfaction**

Vision

- Our vision is to become a leading mining & mineral company in Rajasthan, India and be a **Prominent Global Supplier** of international premium quality minerals and mining.

Goal

- Our goal is to **exceed customer expectations** through customer focus and continual improvement by effective implementation of quality management system.

Values

Our decisions and practices are guided by the values below. They are the core to who we are and how we behave as a company.

- Act with **integrity** and transparency at all times
- Strive for **excellence** in all we do
- Ensure **reliability** - deliver what we say we will deliver
- Provide a safe working environment and value **safety**
- Implement and follow **ethical** business practices and procedures
- Respect the **confidentiality** of company, clients, and staff information
- Make a difference in the **communities** where we live and work
- Work cohesively and build strong sustainable **relationships** with internal and external stakeholders
- Comply with existing environmental **laws**, policies, practices, and procedures

- [illegible]

Soap Stone/ Talc Powder

- Rock n Clay is well known manufacturer and supplier of Soapstone powder / Talcum Powder due to its superior quality, durability and reliability.
- Rock n Clay's Talc is a metamorphic hydrated magnesium silicate with a soapy feel and pearly shining luster. Its lamellar structure and the palatines give excellent / opacity to the end products.
- Composites filled with Rock n Clay's Talc enhances the performance properties of the compound. It exhibits higher stiffness, creep resistance at both ambient and elevated temperature. It has a greasy feel. Brightness in Talc grades is available from 70% to 98%
- **Applications:** Soapstone powder / Talcum Powder is the basic raw material for PP, LD, HDPE compounding, paints industries, paper industries, rubber, pharmaceutical industry, PVC, ceramics, Sanitary wares, Make Batch, cosmetic, Cattle Feed among others.



Calcite

- The carbonate mineral calcite is a natural calcium carbonate with extremely high whiteness, purity and free flowing in nature. Calcite's formula is CaCO_3 . Calcite is one of the most widely distributed minerals on the Earth.
- It is widely used in Thermoplastic application because of its compatibility with polymers and other organic additives. It acts as a spacing extender, increasing efficiency of pigment TiO_2 . Calcite is also of bio-organic origin but more compacted than Chalk.
- Best quality calcite is found in Rajasthan. At Rock n Clay, processed or refined calcite is available in white powder form, granule cum powder form, and in lumps form
- **Applications:** Calcite is used in Plastics, Sheet / Float Glass Industries, Ceramic Tiles Industries, Sanitary ware Industries, Insulator Industries, Ceramic Frit Industries, Cement Industries, Paint Industries, Rubber Industries, Sponge Iron Industries, Pipe Coating Industries, PP master batches, Automotive & Furniture compounds, LDPE master batches, Rigid PVC Pipes, Leather Cloth, Paints, Inks, and Powder Coating Industry.



China Clay

- China Clay is a Hydrated Aluminum Silicate Widely used in polymer applications, which contributes to the improvement in chemical resistance, electrical properties and reduction in water absorption. It lowers the crack tendency in the finished products, improves shock resistance and surface quality.
- **Applications:** China Clay is widely used in Agricultural Industries like fertilisers and pesticides, Ceramics and Sanitary ware Industry, Cosmetic & Soap Industry, Electrical Industry, Glass Industries, Paints Industry, Paper Industry, Plastic Industry, and Rubber Applications.



Quartz / Silica

- Rock n Clay is the maker and supplier of one of the best quality Quartz / Silica powder. Known for its purity and standard quality, these quartzs are used in array of industries. We produce these quartzs in different form such as powder, grit, lumps and grain in a very economical and eco-friendly manner.
- **Quartz Powder 1st Grade (Snow White)** Snow white Quartz powder is manufactured by crushing & grinding the hand-picked fine grade lumps to ensure consistent quality. This is natural silica having purity of more than 99.7% SiO_2 . Silica powder is available in 100 mesh, 200 mesh, 300 mesh up to 500 mesh.
- **Quartz Powder 2nd Grade (Semi White)** This powder has silica content of about 99.5%. It is obtained by crushing the lumps having slight pinkish colour.
- **Quartz Sand** We manufacture Quartz Sand also. We manufacture Quartz 30/80 Sand in different sizes and mesh. We manufacture Quartz sand in all type of grades or chemical composition according to the requirement of customer.
- **Applications :** Quartz/ Silica Sand is suitable for all Ceramic applications, Float Glass, Ceramic Colours, Creamic Frits, Paint Industries and other applications.



Products

Quartz / Silica



Potassium Feldspar

- The name of “Feldspar” refers to group of Aluminum Silicate of potassium, sodium and calcium.
- Rock n Clay is one of the leading manufacturer and exporter of superior quality of wide range of Potassium Feldspar, that too in a very economical and eco-friendly manner.
- **Applications:** In the manufacturing of ceramic products, Feldspar is the second most important ingredient after clay. Feldspar does not have a strict melting point, since it melts gradually over a range of temperatures. This greatly facilitates the melting of quartz and clays and, through appropriate mixing, allows modulations of this important step of ceramic making. Feldspars are used as fluxing agents to form a glassy phase at low temperatures and as a source of alkalies and alumina in glazes.
- Feldspar assists the enamel composition, assuring the absence of defects and the neatness of the end product: e.g. enamel frits, ceramic glazes, ceramic tile glazes, sanitary-ware, electrical porcelain and giftware.



Sodium Feldspar

- The name of “Feldspar” refers to group of Aluminum Silicate of potassium, sodium and calcium.
- Rock n Clay is one of the leading manufacturer and exporter of superior quality of wide range of Sodium Feldspar
- **Applications:** Feldspar is generally used in Ceramics, Glass, and Electrodes. The glass and ceramic industries are the major consumers of feldspar and account for 95% of the total consumption. Other uses of Feldspar include Catalysts, Acid resistant and Decorative Stone as a flux or binding agent in certain scanning Soaps and artificial teeth.
- Feldspar is generally used in making the body composition of several types of procelain, china and earthenware and also in the preparation of glazes and enamel. It is also used as an ingredient in the glass sand batch and as a bonding agent in the manufacture of bonded abrasives like wheels and discs of garnet, corundum, emery etc. In ceramic bodies, the main vitrifying (fluxing) agent is feldspar. The majority of white ware bodies contain good proportions of feldspar. It acts as a flux.



Laterite

- Rock n Clay also provides Laterite through its alliance network.
- Obtained by an efficient use of modern machines, the Laterite Stone supplied by us has a precise composition of optimum quality minerals.
- Laterites are soil type rich in iron and aluminum and close genetic association with bauxite. It is highly weathered material, rich in secondary oxides of iron, aluminum or both. It is either hard or capable of hardening on exposure to moisture and drying.
- **Applications:** The stone is used in a number of applications including construction, building blocks, wastewater treatments and cement. Laterite is one of the basic raw materials for cement manufacturing. It is used as an additive for lowering the clinkerization temperature and supplementing aluminous and iron contents required in the manufacturing of cement.



Red Ochre

- Rock n Clay also provides Red Ochre, one of the principal ore of Iron, through its alliance network.
- Red Ochre often termed as Natural Red Oxide due to its higher content of Iron Oxide, is obtained from iron or ferruginous in impure form. In addition to being the principal ore of iron, red ochre powder is a constituent of a number of abrasives and pigments.
- Rock n Clay's Specialty Red Ochre comes with higher percentage of Iron Oxide and Alumina Oxide.

- **Applications:**

Cement Industry: Mostly used with cement for red color flooring.

Paints & Surface Coatings: Used in every type of paint, primer, powder, coating etc.

Paper Industry: It is also used in making coloured paper.

Plastic & Rubber Industry: Used for coloring.

Tiles & Ceramic Industry: Used as a pigment in tiles, floor tiles, flooring products, ceramics, pottery and others



Pebble Stones

- Pebbles are small round stones which can be either natural or machined. Polished pebbles are costly than natural pebble stones and both are sold per metric ton. Pebble Stones add newness to the interior and exterior décor of the area. Pebbles come in a variety of colour and design as per customers varied requirements. Pebbles have long service life and are highly durable. We are one of the leading exporters and suppliers of landscaping pebbles from India.
- **Applications:** Pebble stones are used as decorative landscaping stones and come in various hues and sizes and find usage in homes, artificial ponds, fountains, posh lounges, open air theaters, aquaria, parks, out houses and gardens. Polished pebbles are used at a large scale for various interior designing purposes due to their fireproof nature and low maintenance cost.





Thank You

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