

INDOROCK

EXPLORE TO EXCELLENCE



PRODUCT CATALOG **2025** Core Drilling Tools & Equipments



About Us

Harsukh Indorock Pvt. Limited, headquartered in Pune, Maharashtra, is a trusted name in Mineral Exploration & Diamond Core Drilling industry, offering a blend of quality products for geologists, mining experts, drillers and exploration companies.

Established with the vision of becoming a benchmark in exploration innovation, we have consistently delivered high-quality products that meet the dynamic needs of the mineral exploration sector.

Our state-of-the-art manufacturing facilities focus on precision engineering, ensuring our products uphold the highest standards of durability, efficiency, and reliability. With a strong focus on sustainable practices, we are proud to cater to diverse geological environments while building lasting partnerships.

Our Mission

To design and deliver superior-quality exploration products through constant innovation and rigorous quality control, helping our customers push boundaries and discover new frontiers.

Our Vision

To revolutionize the mineral exploration industry with innovative, sustainable, and affordable solutions that empower the success for our customers globally.

Leadership

Led by a team of seasoned professionals with decades of experience in the exploration and drilling industry, Harsukh Indorock thrives on creativity, operational excellence, and a customer-focused approach. Our leadership team fosters a culture of adaptability and innovation to anticipate and meet our clients' unique challenges.

INDOROCK

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Pioneering Excellence in

MINERAL EXPLORATION

built on the legacy of Harsukh Indorock Pvt. Ltd.

Indorock delivers cutting-edge exploration tools trusted by global geologists, mining experts, drillers and exploration companies.



Drill Bits

Drill Rods

Drilling Additives

Indotray Core Trays

Core Drilling Diamond Tools

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Indorock diamond bits deliver fast and long-lasting performance across all rock types— with an easy selection system to match every job.

Performance Advantages

Self-sharpening diamond bits for continuous cutting. Indorock delivers premium performance across all formations.



Wide Range of
Application



20% Fastest
Penetration



30% Longer
Service Life

Green Series

Soft-medium, abrasive,
fractured, competent



Red Series

Hard-extremely hard,
competent formations



Blue Series

Medium-hard,
slight abrasive, competent



Diamond Bit Selection Chart

Rock Group		Formation Description	Rock Type	Indorock Matrix	
Moh's Scale	1/15 scale				
1-4	1-4	Soft-medium-hard	Conglomerate, Sandstone & Hard Shale	↑	GO GREEN
		Highly abrasive, coarse grained & fractured			
5	6	Medium-hard	Limestone, Granite, Serpentine, Peridotite	↑ ↓	GO GREEN
		Medium, coarse-grained competent, or fractured	Dolomite, Granite, Gneiss, Quartzite		
6	8	Medium-hard	Basalt, Diorite, Gabbro	↑ ↓	BLUE WIN
		Non abrasive/broken			
7	9	Medium-hard	Greywacke, Skams, Pegmatite, Silicified volcanics	↑ ↓	BLUE WIN
		Medium broken competent			
8	11	Hard-competent	BHJ, BHQ Chert, Jasperite, Rhyolite	↑ ↓	RED ZONE
9	13	Very hard			
		Very competent		↑ ↓	

Heavy Duty Reaming Shells

Maintain hole diameter, stabilize drilling, and ensure smooth cutting.



Casing Shoe Bits

Drill and set casing with precision-cutting segments and smooth inner design for easy tool passage.



Complementary Drilling Components

****Note:** We customize bit profiles and crowns to match your ground conditions. Contact us for the ideal drilling solution.

High quality premium plastic **Core Trays**



Indotray provides durable, ergonomic plastic core trays and accessories for secure sample storage in mineral exploration.

Problems with existing trays



No Durability



No stacking



Rusts & Breaks



Core Losses

Performance **Advantages**

IndoTray is made to withstand the harsh conditions of Exploration Sites. With best in class stacking, comfort features, our core trays are loved by geologists all over the world.



High Strength
& Durable Plastic



UV and
Heat Stable



3 Tons load
capacity, Tested!



Upgrade your core storage with our **Plastic Core Trays**

Manufactured with Polypropylene Granules

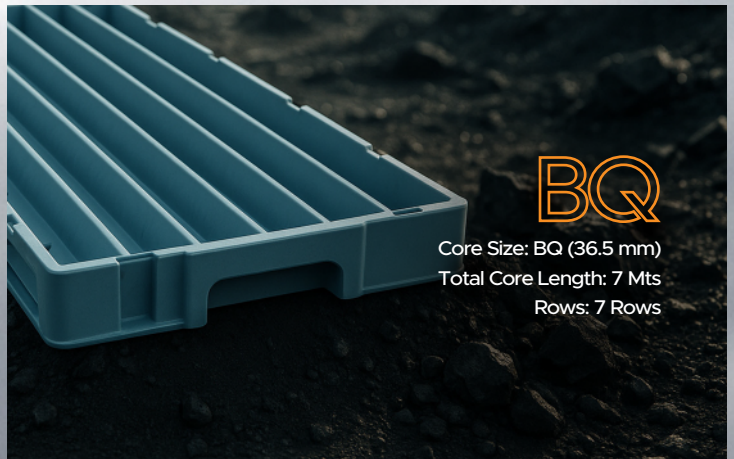
Stackable
Easy to handle
Safe to use

High-strength plastic
Chemically inert
Non-magnetic

Termite/insect resistant
Rust-free
UV stable



Specifications & Accessories



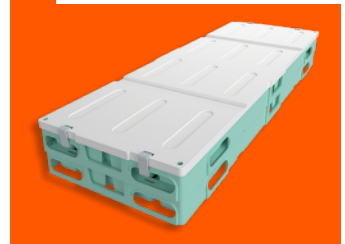
Core Separatorst



World's first
Column Locking System
for core trays



Tray Lid Cover with Locky



Aluminium ID Tags



Customized logo
printing on tray



Wireline Drill Rods

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Drill rods are vital for power transfer, depth reach, and accurate, efficient drilling with minimal risk of failure.

Q Series Drill Rod Specifications



Premium Steel
Made from top-grade, globally certified steel.



Quality Testing
Each batch is thoroughly checked for defects.



Low Hoop Stress
Prevents bending under drilling pressure.



Perfect Straightness
Minimizes vibration and drilling issues.



Q Equivalent thread drill rods are trusted for medium to deep drilling. Built to high standards, they meet the evolving needs of modern exploration with durable parallel wall construction.

Technical Specification

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	BQ	NQ	HQ
Rated maximum depth (m)	1500	2400	1800
Outer diameter	55.6	69.9	88.9
Inner (Tool joint) diameter (mm)	46	60.3	77.8
3m rod weight (kg)	17.9	22.7	34.3
TPI	3	3	3
Bundle spec for 3 meter	19	19	19
Bundle gross weight	355kg	453kg	682kg
Rods/20' container	798	570	380
Rods/40' container	1064	855	570
Raw material minimum specification			
Yield strength minimum	690Mpa		
Tensile strength minimum	820Mpa		

Performance Advantages

Top-Grade

Steel

Uncompromising Quality

Global standard
**Precision
Threading**

Best in **class**
Straightness

Drilling Additives

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High-performance, eco-friendly solutions designed to boost drilling efficiency while protecting the environment. Safe, effective, and sustainable.

Performance Advantages



Eco-Friendly
Non-polluting,
biodegradable products



Cost-Efficient
Reduces wastage and
lowers drilling costs



Performance
Improves penetration
rates and hole stability



Water Versatility
Best in fresh, hard, and
saline water conditions



Fluid loss control agent

Supermix Liquid

High-quality PHPA emulsion for viscosity, fluid loss control, and borehole stability in water-based drilling.

Advantages:

- Improves** hole stability and inhibits water-sensitive formations
- Reduces** rod vibration and provides lubrication
- Lowers** filtration rates and improves core recovery
- Works** effectively in fresh, hard, and saline waters



Fluid loss control agent

Supermix Powder

Highly dispersive PHPA powder for viscosity and fluid loss control, forming a protective colloid without fisheyes.

Advantages:

- Disperses** rapidly even under poor mixing conditions
- Enhances** core recovery and penetration rates
- Reduces** friction and frequency of differential sticking
- Supplements** bentonite-based drilling fluids effectively



Foaming agent and detergent

Superfoam Liquid

A blend of anionic surfactants formulated for air drilling operations in mineral and oil & gas exploration.

Advantages:

- Produces** stable foam at economical concentrations
- Compatible** with all water types (brackish, salty, hard)
- Reduces** erosion in poorly consolidated formations
- Improves** hole cleaning and increases penetration rates



WE MAKE FOR THE WORLD



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