# QALANDAR CONSTRUCTIONS PRIVATE LIMITED

# Company Overview

- QALANDAR CONSTRUCTIONS PRIVATE LIMITED was established in 2024. (The Managing Director Mr Abdul Jallel Malik has started this business in 2017). focusing Borewell, Mining, Drilling Contracting works. Being a service provider company for construction and infrastructure, we offer solutions to Hydro Power Projects, Dams, Tunnels & Solar Power Plants, Commercial Buildings and other civil engineering works now. We also supply construction equipment in India and abroad.
- We have diversified our activities into drilling, grouting works such as TAM Grouting, Consolidation Grouting, Curtain Grouting, Tunnel Contact Grouting, Slope Stabilization works such as Rock Anchors, Rock Bolting, Self Drilling Anchors, Shotconcreting, Rock fall barriers, High Tensile Mitigation, Micropiling, Ground anchors, Prestressing and other civil works. The company has all the state-of-the-art machinery like, DTH Drilling Rig, Rotary drilling Rig, Crawler Drilling Rig and Tractor Drilling Rig. The detailed list is enclosed here with.
- It is our prime objective to deliver highest quality work to meet the satisfaction of our customers in every project we undertake. Our growth momentum is to increase our annual turn over on a year-on-year basis.
- We are a well experienced, professionally managed, technically & financially sound group capable of meeting up to the requirements of our existing. Clients & prestigious customers. We are enclosing our company profile containing equipment and Clientele.

### **Our Mission**

On a journey towards becoming the Preferred Destination for single point solution provider in Geotechnical & Civil Engineering. To strive for excellence through teamwork & partnership, Aim to be best in our field, driven by values and a desire for continuous improvement in every area.

# **Our Vision**

We are committed to providing quality services to improve and develop the overall infrastructure of various utilities across countries. We hope to support and help companies provide essential services to the common man.

MISSION

It is our responsibility to continually develop, and tap into, the potential of our employees. We are focused not only on the growth QALANDAR CONSTRUCTIONS PRIVATE LIMITED as a company but also on the growth and success of everyone associated with us.

#### **Our Services**

**QALANDAR CONSTRUCTIONS PRIVATE LIMITED** offers a gamut of services that cater to a very diverse range of industries. Below is a glimpse of the services we provide and the industries they can be utilized in.

#### Drilling

To make a hole in something using a drill for various purposes.

#### **GEO TECHNICAL INVESTIGATION:-**

Core drilling is a technique where in a hollow cylindrical drill bit is used to make holes. The drill bits are made of metal and the tips are either diamond or carbide coated

#### WATER WELL DRILLING DTH WATER WELL DRILLING:-

DTH stands for "down-the-hole". In DTH drilling, the hammer is placed above the drill bit. The force required is transmitted by the drill pipes. The hammer and the drill bit rotate with a fluid which could be air or water or drilling mud. Successive pipes are added behind the hammer as and when the hole gets deeper.

# Rotary Drilling:-

Charles and the state

Rotary drilling is a technique where in deep Observation bore hole is made in order to obtain rock samples. The drilling method involves the use of a rotary cutting head at the end of a long shaft. This is driven into the ground as the head rotates. The system gets the required lubrication using air, water or drilling mud. This helps to keep the cutting head cool.

# Odex Drilling:-

Odex stands for Overburden Drilling Eccentric. In this technique a casing is used to line the hole that over burdens the soil before entering the rock layer.

#### **GROUND ANCHOR:-**

It is a device that is de-signed to support structures and is used in geo technical and construction applications. It can be referred to as a percussion driven Soil anchor, Rock bolt and Cable anchor.

# **ROCK BOLTING:-**

Rock bolting is a technique used in tunneling and mining where a steel rod is inserted into into the rocks. It is to impart support to the roof and sides of the tunnel.

# SELF DRILLING ANCHOR:-

Self drilling anchors are a particular kind of rod anchors. They combine the processes of drilling, insertion as well as grouting. This greatly reduces the time taken to complete the project.

#### **SHORT CRETING:-**

It is a method by which concrete is pneumatically conveyed on to a surface during construction. The concrete is strengthened with steel mesh or rods. It is a method by which concrete is pneumatically conveyed on to a surface during construction. The concrete is strengthened with steel mesh or rods.

## HIGH TENSILE MITIGATION:-

Steel Structures with high strength and tensility are used to prevent rock fall. They is highly durable and can with stand heavy loads. They can be used as a drapery or along with plates to anchor the mesh.

# **ROCK FALL BARRIERS:-**

They contain a specific braking system. The energy absorption is structured in such a way that the performance is consistent even over time. The barrier is resistant to damage by corrosion.

#### **MICROPILING:-**

Micropiles are friction piles that run deep into the foundation. They are formed using strong steel casings. This piles helps in the load pressure to be transmitted to the soil around them.

These piles are inserted deep into the foundation and strengthened by adding a mortar of sand and cement.

They are used in rocky areas to provide structural support and underpin the foundation. They help in transfer of load.

# GROUND IMPROVEMENT:-

TAM GROUTING Tube a Manchette (TAM) grouting is a method where in perforated pipes are used in combination with a special grout. These pipes/tubes are then thrust into the hole for grouting. The small portions of rubber sleeve (Manchette) are present on the outer portion of the pipe that acts as a one way valve. It is commonly used in tunnel excavations.

## **ROAD RAIL VEHICLE:-**

A road-rail vehicle is a hybrid vehicle which can run both on rail tracks and a regular road. They are dual type vehicles which can be used for the purpose of construction & maintenance works by civil engineers.

# AIR COMPRESSOR 300 to 1100 CFM:-

An air compressor is a pneumatic machine. It uses power to store air under pressure. This compressed air is kept in storage tanks. Once the desired compression level is reached, the compressor shuts off.

# CRAWLER MOUNTED DRILLING RIG:-

A Crawler Mounted Drilling Rig is mainly useful for drilling and exploration in rock formation.

### LIST OF MACHINERIES

- Excavators,-Ex200 5 Machine's
- Air Compressor 1200 Cfm :- 2 Machine's
- Air Compressor 1100 Cfm 5 Machine's
- Air Compressor 600 Cfm 4 Machine's
- Air Compressor 500 cfm 2 Machine's
- Air Compressor 450 cfm :- 10 Machine's
- Lorry Mounted DTH Drilling Rig 1 Machine's
- Hydraulic Crawler Drilling Rig 3 Machine's
- Tractor Drilling Rig. 1 Machine's
- Wagon Drill / Roc Drill Rig 7 Machine's
- Hydraulic Jacks & Pumps :- 2 Machine's
- High Pressure grouting Pumps -19 Machine's
- Hanging Mast 36 Machine's
- Crawler Mounted ROC 4 Machine's
- Shotcrete Machine 9 Machine's



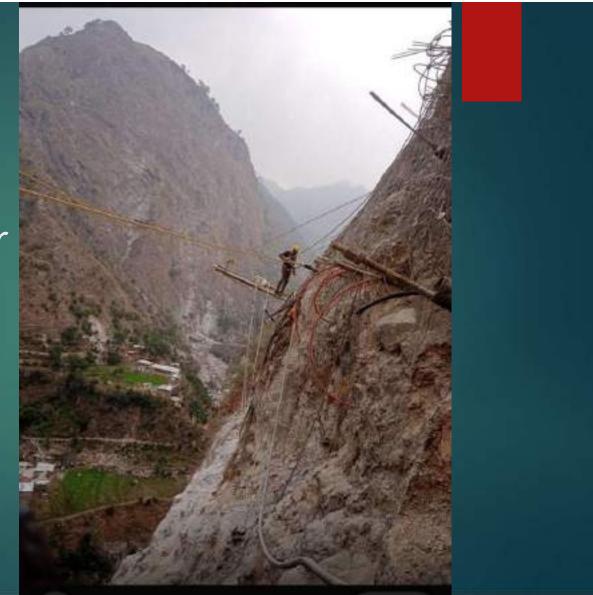
## REASI J&K Drilling & Short Concreting

## Client :- Afcons Actual Sites



Cable Stayed Bridge Reasi

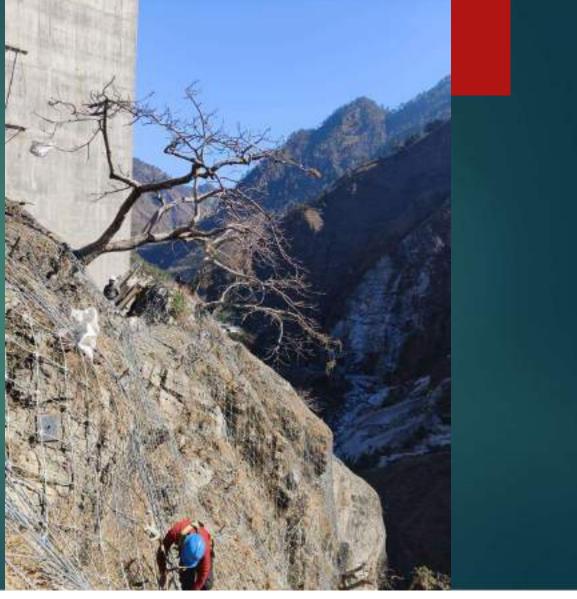
Glass Fibre Ancor 30 meter Long First in J&K. Client :- HCC



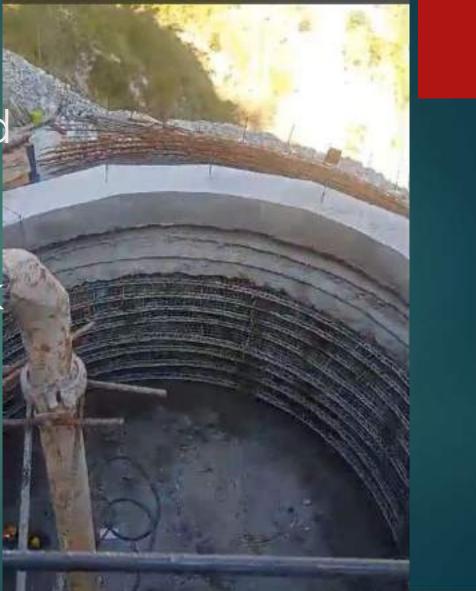
## Rockfall Barrier (Daram) Client :- <u>Gammon</u>



## Rhomboidal & DT Mesh



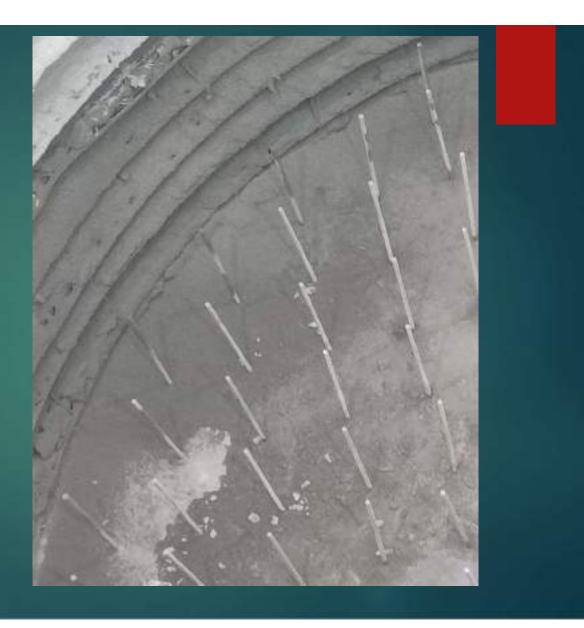
Well Foundation of Main Cable Stayed Bridge (Asias No 1) Micropiling , Short Concreting & Rock Bolting performed by us.



# RE Wall Reasi (CTA Ancor)







# Consolidation Grouting (Railway Station Bakkal)



# SN Drilling through hanging (Railway station Bakkal)



## Slope Protection T 48 Daram Client :- Gammon



## Cable Anchoring



QALANDAR CONSTRUCTIONS PRIVATE LIMITED

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