

AGC

AL HAYTHAM GENERAL CONTRACTING
الهيثم للمقاولات العامة

AL HAYTHAM

MINERAL EXPLORATION AND GEOTECHNICAL SERVICES

رؤية
VISION
2030

المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

DRILLING

We can plan, design, supervise, manage and implement drilling projects, in all locations and under any circumstances.

As a full-service company, we specialize in drilling operations for exploration, geotechnical, development and production drilling. Our drilling capabilities include surface and underground wireline diamond coring drilling; conventional core drilling; reverse circulation drilling (RC); air core drilling, air/mud rotary drilling; grade control drilling and geotechnical drilling as well as a full suite of support activities needed for a successful operation. We see ourselves as an extension of our client's business and aim to work with them to achieve their business needs.

We have the financial resources and expertise to deliver on any size project, from delivering rigs to suit your specific needs, to ramping up quickly to meet a tight deadline. AGC is capable of getting the job done safely, efficiently, on time, and on budget.

We have high quality rigs and experienced crews. Using sophisticated drilling software and instruments coupled with our expertise, we strive to not only meet but exceed our clients' requirements.

AGC ensures that whatever your needs and wherever your site is located, the drilling won't stop.

Our Drilling Services

- Surface and Underground Diamond Core Drilling
- Conventional Core Drilling
- Reverse Circulation Drilling (RC)
- Air Core Drilling
- Air and Mud Rotary Drilling
- Production Drilling
- Grade Control Drilling
- Geotechnical Drilling

Drilling



We have experience drilling in various deposits for different metals and minerals. Our track record of safely hitting targets, recovering perfect samples and adapting to clients specific needs while adhering to planned budgets are the main reasons so many companies are using AGC.



Whether it's a small program with standard requirements or a large program with in-depth logistics, we can provide basic services as well as complete 'turn-key' programs.



Diamond Core Drilling

We use highly mobile surface core drill rigs configured as truck and track mounted. We offer a complete suite of surface diamond drilling services and using the most productive, technologically advanced equipment available in the industry globally. Our diamond drilling fleet enables all standard core sizes to a depth of 2,450 metres.

Conventional Core Drilling

We are capable of drilling in soft and hard rocks using conventional technique for shallow depth drillholes with inclination angles ranging from the vertical (-90) to (-45) degrees. This technique is ideal for shallow drillholes in sedimentary deposits as it saves time and cost

Core Barrel Diameter (mm)	Maximum Depth (m)
131	50
116	80
101	100
86	120
76	150

Air Core Drilling

We are capable of drilling to depths up to 200m in vertical (-90) drillholes, and can reach to up to 150m in (-45) degrees inclined drillholes. Diameters range between 140mm and 152mm.

Air and Mud Rotary Drilling

We are capable of drilling using tri cones (rotary system) with a maximum diameter of 6 inches, maximum depth that can be reached is 150 meters. This technique is ideal for shallow drillholes in sedimentary deposits as it saves time and cost.

Geotechnical Drilling (HQ3/NQ3)

Geotechnical drilling programs can be offered in both NQ3 and HQ3 sizes using our Diamond/Wireline Core Drilling Rigs. Samples are recovered from the bottom of the hole using a split barrel sleeve that keeps the core intact.

Drilling

Production Drilling

AGC has the capability and fleet to provide customised solutions for production drilling applications for surface mining in Saudi Arabia as well as the Middle East.

AGC's production mining services include production drilling, charging and blasting. Our production drill rigs are hydraulic and capable of drilling hole sizes from 41mm to 115mm and larger for specialist applications.

In addition to the drilling operations, AGC provides a full suite of support activities including:

- Surveying ground control points and drill collar locations using Total Station or GNSS and RTK
- Downhole Survey using in-house Reflex EZ-TRAC.
- Core Orientation using in-house Devico BBT device (HQ and NQ sizes) and Reflex ACT II RD and ACT III RD
- Core/RC geological logging and core structural and geotechnical logging in compliance with international standards
- Core cutting using ALMONTE Automatic cutting saw
- Specific gravity measurements
- Sampling, samples preparation, packing & numbering



Reverse Circulation Drilling (RC)

We use highly mobile RC drill rigs configured as truck and track mounted. Our RC drilling fleet enables diameters ranging between 140mm and 152mm and able to reach to depths up to 200 metres in vertical drillholes and 150 metres in inclined drillholes.

Grade Control Drilling

We approach grade control with quality outcomes in mind. Splitting systems are setup to meet client and ore body requirements.

Using reverse circulation drilling techniques and advanced sample splitting and recovery systems; our grade control drills can provide samples helpful to differentiate ore and waste rock maximizing the profitability of our clients mining operations.

Using AGC for your grade control needs assures accurate ore body knowledge so that mine plans can be developed and executed with confidence.

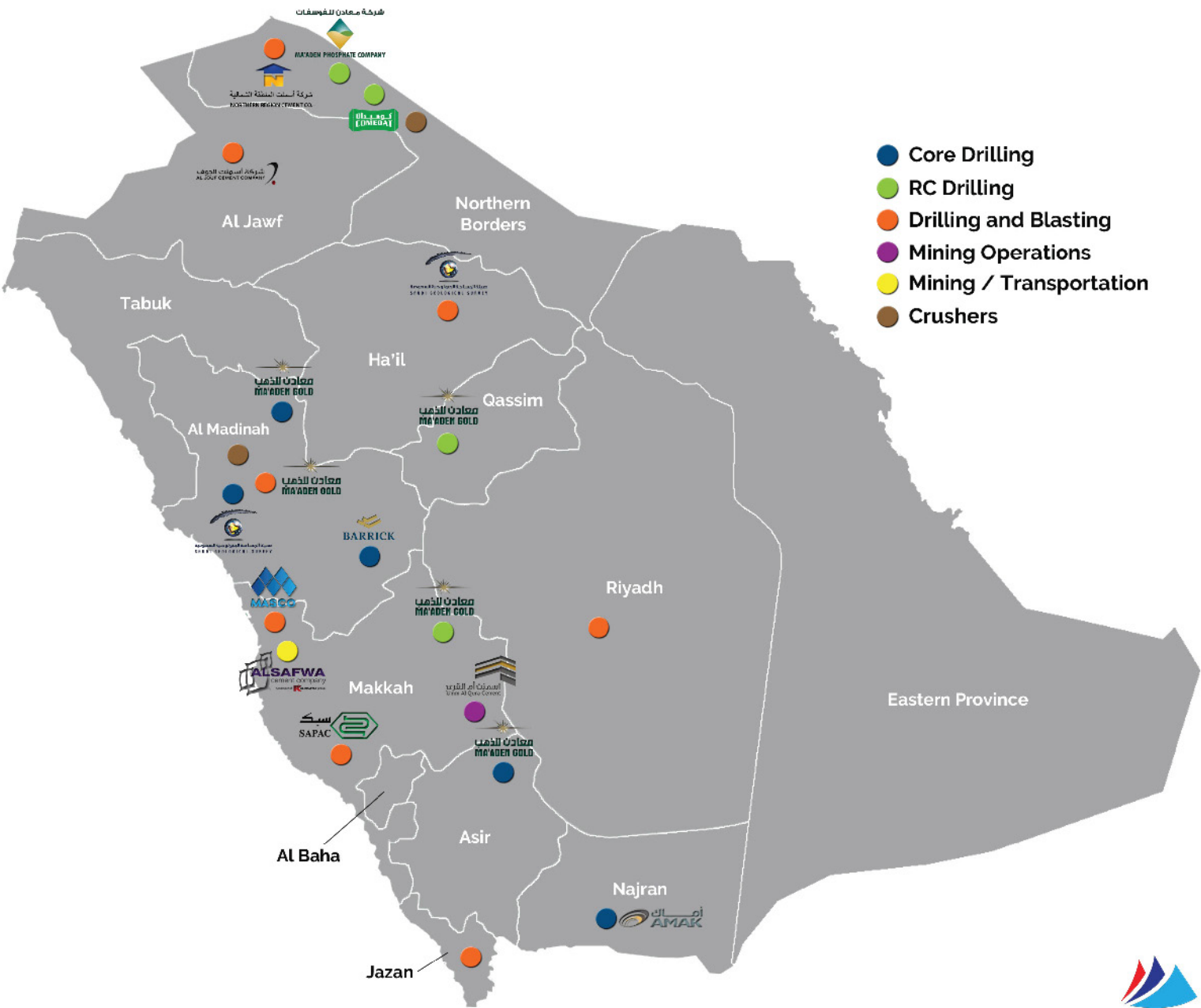




Our Partners



Our Services Coverage in KSA





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