



R. FACHMANN
AL-WAJAJAH QUARRY
GABRO PRODUCTION



THE AL-WAJAJAH QUARRY IS OPERATED BY R.FACHMANN, A SPECIALIST IN GABRO EXTRACTION AND RELATED AGGREGATES. SITUATED IN A GEOLOGICALLY RICH ZONE, THE SITE OFFERS HIGH-QUALITY GABRO DEPOSITS ESSENTIAL FOR CONSTRUCTION, ROAD BUILDING, AND INFRASTRUCTURE DEVELOPMENT THROUGHOUT THE REGION.

LOCATED IN THE AL-WAJAJAH REGION, SHNAS, SULTANATE OF OMAN. THE QUARRY BENEFITS FROM STRATEGIC PROXIMITY TO MAJOR CONSTRUCTION HUBS, ENABLING EFFICIENT SUPPLY OF GABRO AGGREGATES ACROSS THE REGION WITH MINIMAL TRANSPORTATION OVERHEAD.

AL-WAJAJAH QUARRY SITE

STRATEGICALLY LOCATED NEAR KEY CONSTRUCTION CORRIDORS. SPECIALIZES IN GABRO AND RELATED AGGREGATE PRODUCTION. SERVES REGIONAL CONTRACTORS, ROAD BUILDERS, AND INFRASTRUCTURE DEVELOPERS. SUPPORTED BY ESTABLISHED LOGISTICS AND SUPPLY CHAIN NETWORKS CONNECTING THE QUARRY TO MAJOR URBAN CENTERS.

GABRO PRODUCTION PROCESS & CAPACITY

OPEN-PIT MINING - TAILORED EXTRACTION FOR GABRO DEPOSITS

CRUSHING & SCREENING - MULTIPLE AGGREGATE SIZE GRADES PRODUCED

ANNUAL CAPACITY - HIGH-VOLUME TONS PER YEAR OUTPUT

ROAD BASE & FILL - PRIMARY CONSTRUCTION APPLICATIONS

CONCRETE AGGREGATE - STRUCTURAL AND INFRASTRUCTURE USE



GABRO AGGREGATES ARE SCREENED INTO
MULTIPLE SIZES FOR ROAD BASE,
CONCRETE, AND FILL APPLICATIONS.

GABRO PRODUCTION PROCESS & CAPACITY

R.FACHMANN AL-WAJAJAH QUARRY – FROM ROCK TO RELIABLE SUPPLY

01		OPEN-PIT EXTRACTION & BENCHING	Gabro is extracted in a controlled open-pit environment using engineered benches to ensure safety, stability, and efficient material flow.
02		OVERBURDEN REMOVAL	Overburden and waste material are removed and managed in designated areas to expose clean, high-quality gabro.
03		DRILLING & LOADING	Precision drilling is carried out to the required depth and pattern. Blasted gabro is loaded using hydraulic excavators and wheel loaders.
04		HAULAGE TO PLANT	Loaded trucks transport the gabro to the processing plant via dedicated haul roads for efficient cycle times.
05		PRIMARY CRUSHING	Run-of-quarry (ROM) material is fed into a primary jaw crusher to reduce the size for further processing.
06		SECONDARY CRUSHING	Crushed material is further reduced in cone crushers to achieve consistent shape and improved gradation.
07		VIBRATING SCREENING	Material passes through multi-deck vibrating screens to separate and classify into standardized size grades.
08		STOCKPILING & DISPATCH	Finished aggregates are stockpiled by size and loaded for dispatch to project sites, ensuring on-time delivery and uninterrupted supply.

GABRO AGGREGATES ARE
SCREENED INTO MULTIPLE
STANDARD SIZES TO MEET
THE REQUIREMENTS OF
ROAD BASE, CONCRETE,
AND FILL APPLICATIONS.



HIGH ANNUAL CAPACITY

Our integrated operations and high-volume processing plant enable the production of 1,500,000 tons per year, supporting large-scale projects with consistent quality and dependable, year-round supply.

WHY GABRO?

High strength and superior interlock provide excellent load-bearing capacity and durability.

CONCRETE AGGREGATE

Hard, dense, and abrasion-resistant particles deliver high compressive strength and long-term performance.

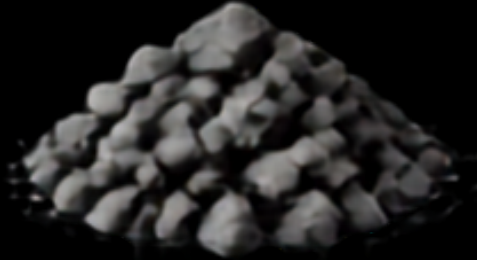
FILL APPLICATIONS

Stable, non-reactive, and free-draining material ideal for structural fill, embankments, and general construction.

PRODUCTION SIZES & APPLICATIONS

QUALITY GABRO AGGREGATES FOR EVERY STAGE OF CONSTRUCTION

GABRO AGGREGATES ARE
SCREENED INTO MULTIPLE
STANDARD SIZES TO MEET
THE REQUIREMENTS OF
ROAD BASE, CONCRETE,
AND FILL APPLICATIONS.

01		0 – 5mm FINE MATERIAL		BEDDING & FILL Ideal for bedding, jointing sand, backfill, and general fill applications.
02		5 – 20mm MEDIUM AGGREGATE		CONCRETE & GENERAL CONSTRUCTION Suitable for concrete production, masonry, kerbs, slabs, and general construction works.
03		20 – 40mm LARGE AGGREGATE		ROAD WORKS & BASE LAYERS Used in road base, sub-base layers, and heavy-duty construction applications.
04		40 – 75mm+ COARSE AGGREGATE		HEAVY-DUTY SUB-BASE & DRAINAGE Ideal for structural sub-base, erosion control, drainage layers, and high-load applications.

ENVIRONMENTAL & ECONOMIC IMPACT

COMMITTED TO RESPONSIBLE
GABRO PRODUCTION AND
SUSTAINABLE REGIONAL
DEVELOPMENT.



LAND REHABILITATION

PROGRESSIVE LAND RESTORATION PROGRAMS RESTORE MINED AREAS WITH NATIVE VEGETATION, MINIMIZING LONG-TERM ENVIRONMENTAL FOOTPRINT.

LOCAL EMPLOYMENT

QUARRY OPERATIONS PROVIDE DIRECT AND INDIRECT JOBS, SUPPORTING LIVELIHOODS ACROSS THE AL-WAJAJAH REGION.

DUST & WATER MANAGEMENT

ADVANCED DUST SUPPRESSION SYSTEMS AND WATER RECYCLING PROTOCOLS REDUCE ENVIRONMENTAL IMPACT AND PROTECT SURROUNDING COMMUNITIES.

SUPPLY CHAIN SUPPORT

R.FACHMANN SOURCES LOCALLY WHERE POSSIBLE, STRENGTHENING REGIONAL SUPPLY CHAINS AND CONTRIBUTING TO CONSTRUCTION SECTOR GROWTH ACROSS THE AREA.

COMMUNITY ENGAGEMENT

ACTIVE LOCAL PARTNERSHIPS AND SOCIAL RESPONSIBILITY INITIATIVES REINFORCE R.FACHMANN'S COMMITMENT TO THE AL-WAJAJAH COMMUNITY.



R.FACHMANN AL-WAJAJAH QUARRY REMAINS COMMITTED TO SUSTAINABLE GABRO PRODUCTION THAT DRIVES REGIONAL DEVELOPMENT. OUR OPERATIONS DELIVER HIGH-QUALITY GABRO AGGREGATES FOR ROAD BASE, CONCRETE, AND CONSTRUCTION APPLICATIONS ACROSS THE REGION.

FROM RESPONSIBLE EXTRACTION TO ENVIRONMENTAL STEWARDSHIP, R.FACHMANN UPHOLDS THE HIGHEST STANDARDS IN QUARRY OPERATIONS. WE INVITE YOUR QUESTIONS AND WELCOME FURTHER DISCUSSION ON PARTNERSHIP AND SUPPLY OPPORTUNITIES.

GET IN TOUCH!

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THANK YOU