



NATIONAL ROCKS FOR GEOLOGICAL CONSULTANCY LLC

NR Helium

Company profile

NR Helium is a helium-focused initiative of National Rocks, established to identify and advance helium exploration and recovery opportunities. Building on National Rocks' geological and geophysical experience, NR Helium aims to connect promising resources with technical expertise, strategic partnerships, and future commercial development.

GLOBAL AMBITION

Exploration & resource assessment · Recovery partnerships
Strategic partnerships & future commercial development



National Rocks' geophysical field operations for mineral exploration.

Geological experience. Commercial direction.

Muscat, Sultanate of Oman · October 2026
www.national-rocks.com

01 / NATIONAL ROCKS' EXPERIENCE

A proven geoscience foundation.

Founded in Muscat in 2016, National Rocks delivers geological, geophysical, drilling and survey services for mining, civil and infrastructure projects. Its exploration work encompasses geological mapping, structural interpretation, mineral-target assessment, core drilling and logging, and integration of subsurface datasets.

500+

Completed projects*

4

Countries served*

2016

Established in Muscat

*National Rocks' company-reported portfolio across its service lines—not helium projects. Regional experience covers Oman, Saudi Arabia, the UAE and Qatar.

Selected achievements and field delivery

Mineral exploration in Saudi Arabia

Induced polarization field operations supporting gold and copper exploration, combining field acquisition with exploration interpretation.

Drilling and geological investigation in Oman

Published MDO and OCC drilling campaigns for mineral resource definition demonstrate drilling and geological investigation experience.

Infrastructure subsurface investigation

Electrical Resistivity Tomography work at Sultan Haitham City, Muscat, demonstrates experience applying subsurface imaging to infrastructure decisions.



Gravity survey. National Rocks' published field photograph.



IP exploration, Saudi Arabia. National Rocks' gold-and-copper exploration field operations.

This operating background supports NR Helium's exploration direction; specialist helium sampling, analysis, reservoir evaluation and recovery engineering remain project-specific requirements.

Company-reported history, totals, achievements and photographs: national-rocks.com and National Rocks corporate profile. No helium production track record is implied.

02 / HELIUM EXPLORATION APPROACH

Understand the subsurface. Test the helium opportunity.

A helium exploration program requires a geological model and direct evidence of helium. Gravity, 3D IP, ERT and seismic can contribute complementary information when selected for the target and its geological setting.

Method	Contribution to exploration
Gravity	Density contrasts help constrain basin geometry, basement depth and major structural boundaries. These results support geological interpretation and target screening.
3D IP Induced polarization	Three-dimensional chargeability models provide information on polarizable minerals and clay-bearing materials. Used with resistivity and geological control, IP can help distinguish geological domains; it is not a helium-specific indicator.
ERT Electrical Resistivity Tomography	Resistivity imaging supports interpretation of lithological boundaries, groundwater conditions and fault or fracture zones potentially relevant to migration. Responses also depend on salinity, clay and water content.
Seismic	Seismic data constrain subsurface structure. Reflection surveys can help map faults, potential reservoirs, seals and trapping geometries; method and depth coverage must suit the exploration objective.

Geophysics guides the target—not the helium concentration

These methods do not directly detect helium. Helium presence and concentration must be established by sample analysis; recoverability requires appropriate well or process testing. Not every site requires all four survey methods.

National Rocks' contribution

National Rocks' published capability includes gravity, 2D/3D IP, ERT and seismic investigations, supported by mapping, drilling, logging and geological modelling. NR Helium's approach is to combine that foundation with helium-specific analytical and reservoir expertise, engaging specialist seismic or recovery partners where the project scope requires.

Technical basis: EPA gravity, IP, resistivity and seismic guidance; The principles of helium exploration.

03 / PARTNERSHIPS & CONTACT

Connect an opportunity with the right expertise.

For helium exploration opportunities, recovery discussions or strategic collaboration, contact NR Helium.

Begin with the opportunity, the available information and the outcome you want an initial assessment to support. NR Helium's aim is to bring geological insight, technical expertise and commercial partners into a clearly defined development process.

NR Helium

CONTACT

info@nrhelium.com

PHONE

+968 9099 6999

OFFICE

Almaram Building, Al Mawaleh South

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