



BALOCHISTAN MINERAL RESOURCES LIMITED (BMRL)



A PUBLIC SECTOR COMPANY OF MINES AND MINERALS
DEVELOPMENT DEPARTMENT, GOVERNMENT OF BALOCHISTAN

TABLE OF CONTENT

CEO Message	01
About BMRL	02
Vision Statement	03
Mission Statement	04
Objectives	05
Advancing Partnerships	06
Major Achievements	
Partner with Barrick Mining Corporation	07
JVA with IRH & MMCL	08
JVA with Tejara Capital	09
JVA with KMCL	10
JVA with NORINCO	11
JVA with PMC	12
JVA with MFH	13
BMRL Projects	
Available Licenses	14
Applied Projects	14
Signed JVAs	15
Under Process JVAs	16
Geology: A Gift of Nature	
Tethyan Belt	17
Geological Riches of Balochistan	18
Balochistan: The Treasure of Mineral	19
Copper	20
Gold	21
BLZ	22
Iron Ore	23
Antimony	24
Fluorite	25
Lithium	26
Chromite	27
Coal	28

TABLE OF CONTENT...

LOCATION MAP OF KNOWN MINERAL	29
Frames of progress	
PMIF-25	29
FMF-25	31
HEMS 2025	33
BCMF -2025	34
NUST Job Fair 2025	35
Geological Fields	36
Commitment & Way Forward	38





SAEED AHMED SARPARAH

At Balochistan Mineral Resource Limited, we are not just mining minerals; we are fostering sustainable development, innovation, and responsible practices. Our commitment to these principles has shaped us into a leading force in Balochistan's mineral sector. Our success is deeply rooted in a culture of safety, environmental stewardship, and community engagement. We prioritize the well-being of our workforce, investing in cutting-edge technologies to ensure safe and efficient operations. We are proud of our track record in upholding the highest standards in workplace safety.

Balochistan Mineral Resources Limited (BMRL) is a public sector company, 100% owned by the Government of Balochistan, Mines & Minerals Development Department. BMRL is responsible for undertaking all strategic decisions pertaining to attract foreign & local investment in the mineral resource sector and providing a technically skilled & sound team to the mining industry.

Key Operations:

The principal line of the company is to carry on the business to take on lease or acquire any mining rights or enter into an Agreement with any party related to mines & minerals and carry on business of discovering, exploring, surveying, developing, mining and marketing of mineral prospects and mineral resources deposits and sites and acting as consultant or advisers in dealing with ores and minerals and any other business necessary for attaining the Company's objective.

Our mining operations span multiple locations across mineral rich areas like Chaghi, Khuzdar, Kalat and other parts of Balochistan. We have procured the necessary licenses and permits to conduct our activities safely and in compliance with local regulations.

VISION STATEMENT

To represent Government of Balochistan in large/SME scale mineral projects and attract foreign and local investors by developing commercially attractive mineral prospects. Focus on value addition through mineral processing and industrial zones and to engage local communities to create trust between investors and communities. Exploration of existing mines and new mining leases to expand mining capacity. To assimilate state-of-the art technology in exploring, mining and beneficiation of ores to achieve competitive advantage and to continue innovation through research and development.



MISSION STATEMENT

To promote public and private sectors cooperation with team spirit and resolving obstacles faced by the mining sector. Prospecting, exploration and marketing of mineral resources of Balochistan. Create environment for mineral development by providing one window operations to all the stake holders.

To responsibly explore, develop, and manage the mineral wealth of Balochistan through strategic partnerships, innovation, and sustainable practices. We are committed to maximizing the value of our province's natural resources while ensuring transparency, environmental stewardship, and socio-economic development. By empowering local communities and creating opportunities, we aim to transform Balochistan's mineral potential into lasting prosperity for present and future generations.”

OBJECTIVES

- Create necessary enablers/environments for mineral development.
- Attract foreign and local investors by creating commercially attractive mineral projects.
- Focus on value addition through mineral processing and industrial zones.
- Engage local communities to create trust between investors and communities.
- Represent GOB in large/SME scale mineral projects.
- Protect strategic interest while dealing with large-scale mining players in the province.
- Ensure sustainable development encompassing a broad-based stakeholder approach through engaging the community and protecting the environment.

ADVANCING PARTNERSHIPS THROUGH JVA NEGOTIATIONS

Balochistan Mineral Resources Limited (BMRL) is actively engaged in building strong and transparent joint venture partnerships with both national and international companies in the mining sector. Through these collaborations, BMRL aims to promote investment, share expertise, and ensure sustainable development of the mineral resources of Balochistan.

Our joint ventures are designed to create a win-win framework, combining the strengths of our partners with BMRL's local expertise, geological knowledge, and government support. These partnerships focus on exploration, development, and value addition of minerals, while adhering to international best practices and environmental standards.

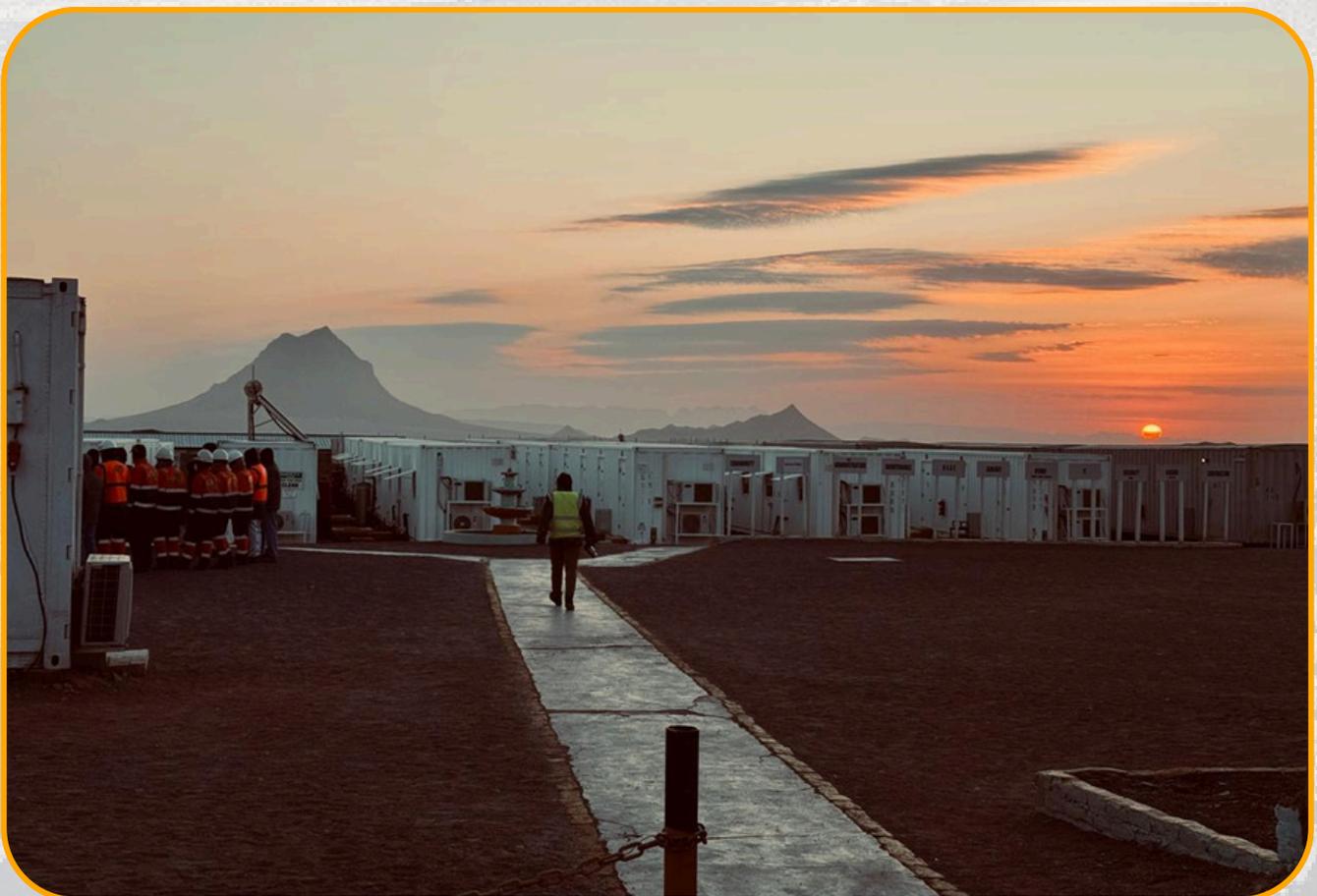
BMRL has successfully signed joint venture agreements with several reputable companies, and further discussions are underway with additional investors to expand opportunities in copper, gold, and other mineral resources. Each agreement reflects our commitment to transparency, long-term growth, and mutual benefit.

MAJOR ACHIEVEMENTS



Partner with Barrick Mining Corporation in Reko Diq project for Mining of Copper & Gold in Chagai District

Balochistan Mineral Resources Limited (BMRL) is Sharing JV partner with Barrick Mining Corporation through project company Reko Diq Mining Company Limited (RDMC) for the exploration and mining of copper and gold resources in Reko Diq, Chagai District. This strategic agreement marks a significant step forward in BMRL's mission to responsibly develop the world-class mineral potential of Balochistan. Under this JVA, parties will collaborate on identifying, evaluating, and advancing copper and gold projects in Reko Diq. By combining RDMC's investment strength and mining expertise with BMRL's knowledge and government support, the partnership aims to unlock substantial mineral resources while ensuring transparency, sustainability, and long-term benefits.



BMRL Signed JVA with IRH & MMCL for Exploration of Copper & Gold in Chagai District

Balochistan Mineral Resources Limited (BMRL) has signed a Joint Venture Agreement (JVA) with International Resources Holding (IRH), a globally recognized investment and mining company. This milestone reflects BMRL's commitment to fostering international partnerships aimed at unlocking the mineral potential of Balochistan.

The JVA establishes a framework for collaboration in the exploration and development of mineral resources, with a particular focus on copper and gold projects in the Chagai District. By combining IRH's global expertise and investment capacity with BMRL's local knowledge and support, this partnership is expected to pave the way for sustainable and large-scale mining operations in the province.



JVA Signed with Tejara Capital for Exploration of Copper & Gold in Chagai District

Balochistan Mineral Resources Limited (BMRL) has signed a Joint Venture Agreement (JVA) with Tejara Capital, a globally recognized investment company. This milestone reflects BMRL's commitment to fostering international partnerships aimed at unlocking the mineral potential of Balochistan.

The JVA establishes a framework for collaboration in the exploration and development of mineral resources, with a particular focus on copper and gold projects in the Chagai District. By combining Tejara's global expertise and investment capacity with BMRL's knowledge and support, this partnership is expected to pave the way for sustainable and large-scale mining operations in the province.



JVA Signed with Koh-e- Sultan Mining Company (Pvt) Ltd (KMCL) for Mining of Copper & Gold in Chagai District

Balochistan Mineral Resources Limited (BMRL) has signed a Joint Venture Agreement (JVA) with KMCL to collaborate on mining of copper and gold resources in Balochistan. This agreement marks another important step in BMRL's mission to promote responsible mineral development and attract strategic investment into the province's mining sector.

The JVA outlines a framework for cooperation in identifying, evaluating, and developing copper and gold projects, with a focus on sustainable practices, transparency, and mutual growth. By combining KMCL's technical expertise and investment capacity with BMRL's knowledge and government support, this partnership aims to create long-term value for stakeholders and contribute to the economic progress of Balochistan and Pakistan.

This collaboration reinforces BMRL's commitment to building strong partnerships that not only unlock the mineral potential of the province but also ensure benefits for local communities through job creation, infrastructure development, and capacity building.



JVA Signed with NORINCO for Exploration of Copper & Gold in Chagai District

Balochistan Mineral Resources Limited (BMRL) has signed a Joint Venture Agreement (JVA) with NORINCO to collaborate on exploration of copper and gold resources in Balochistan. This agreement marks another important step in BMRL's mission to promote responsible mineral development and attract strategic investment into the province's mining sector.

The JVA outlines a framework for cooperation in identifying, evaluating, and developing copper and gold projects, with a focus on sustainable practices, transparency, and mutual growth. By combining NORINCO technical expertise and investment capacity with BMRL's knowledge and government support, this partnership aims to create long-term value for stakeholders and contribute to the economic progress of Balochistan and Pakistan.

This collaboration reinforces BMRL's commitment to building strong partnerships that not only unlock the mineral potential of the province but also ensure benefits for local communities through job creation, infrastructure development, and capacity building.



JVA Signed with Platinum Mining Company (Pvt) Ltd (PMC) for Mining of Fluorite in Loralai District

Balochistan Mineral Resources Limited (BMRL) has signed a Joint Venture Agreement (JVA) with PMC for mining of fluorite deposits in Loralai District, Balochistan. This agreement marks an important milestone in BMRL's ongoing efforts to promote mineral development and attract private sector participation in the province's mining industry.

Under this JVA, both parties will collaborate to identify, evaluate, and develop fluorite resources, with a commitment to sustainable mining practices, transparency, and mutual benefit. By leveraging PMC's technical expertise and investment capabilities together with BMRL's local support and geological knowledge, this partnership aims to unlock the potential of fluorite resources and contribute to the economic progress of the district and the province.

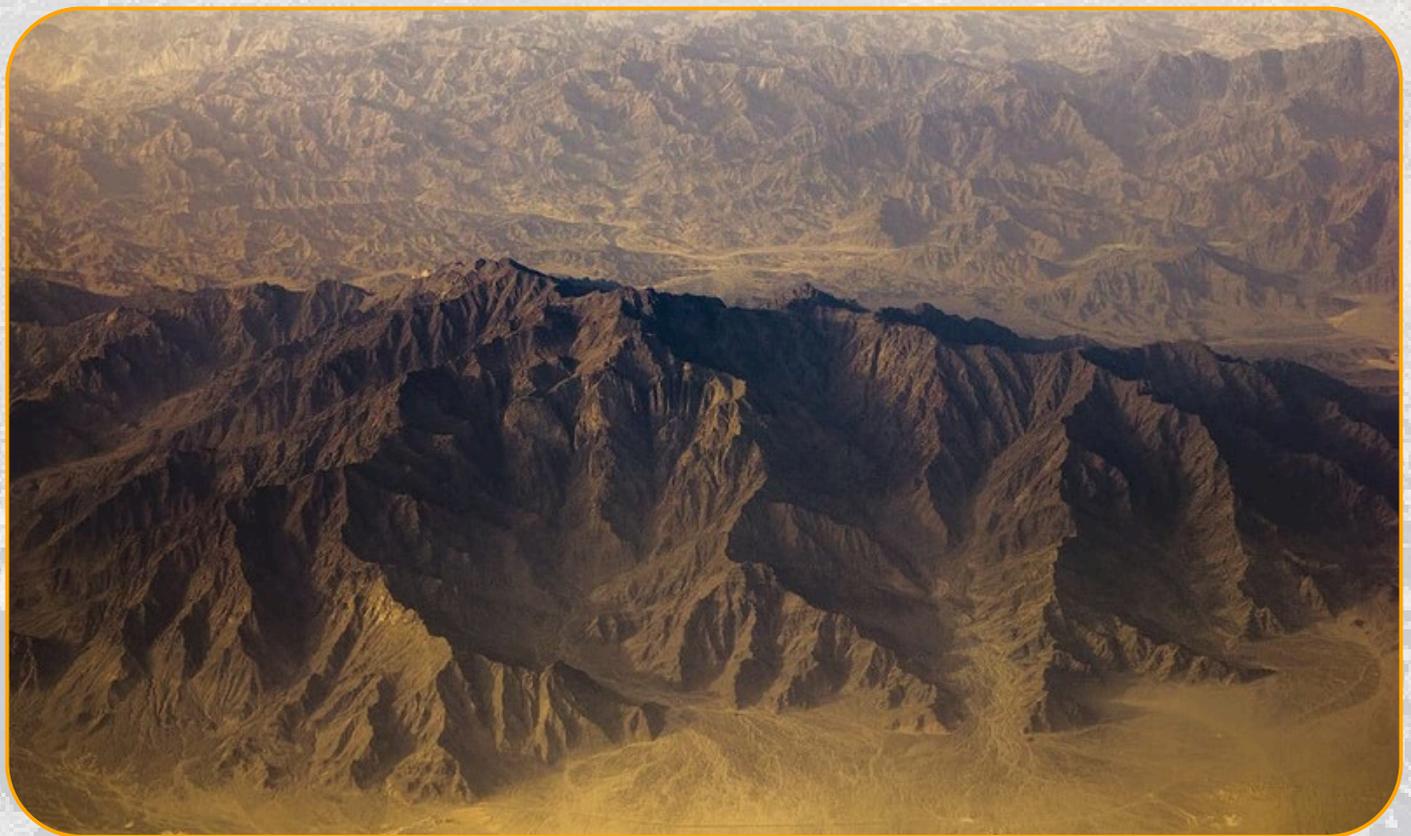
This collaboration reflects BMRL's vision of fostering responsible partnerships that not only develop mineral resources but also generate employment, build local capacity, and support socio-economic growth for the people of Balochistan.



BMRL Signed JVA with MFH for Mining of Copper In Chagai District

Balochistan Mineral Resources Limited (BMRL) has signed a Joint Venture Agreement (JVA) with MFH to collaborate on the mining of two mining leases of copper in Chagai District, Balochistan. This agreement highlights BMRL's continued commitment to developing the province's mineral resources through strategic partnerships with reputable national and international companies.

This collaboration further strengthens BMRL's vision of transforming the mining sector into a driver of economic growth, job creation, and long-term prosperity for the people of Balochistan and Pakistan.



BMRL PROJECTS

A desert landscape at sunset. In the background, a large, rugged rock formation with vertical cliffs is illuminated by the warm, golden light of the setting sun. The sky is a mix of soft pinks, oranges, and blues. In the foreground, there is a variety of desert vegetation, including several tall, columnar cacti and a Joshua tree with its characteristic spiky leaves and flower clusters. The overall scene is a classic representation of a Southwestern desert environment.

BMRL Licenses

Available Licenses;

S.NO	License/ Type Name	Minerals	Location
1	EL-200	Barite, Lead, Zinc	Khuzdar
2	EL-202	Copper & Gold	Chagai
3	EL-204	Fluorite & Iron Ore	Kalat
4	EL-301	Copper & Gold	Chagai
5	EL-304	Copper & Gold	Chagai

Projects in Pipeline (Applied for)

S.NO	Mineral	Number of Projects
1	Copper & Gold	6 Projects
2	Solar/Sea Salt	3 Projects
3	Lithium	3 Projects
4	Antimony	2 Projects
5	Chromite	2 Projects

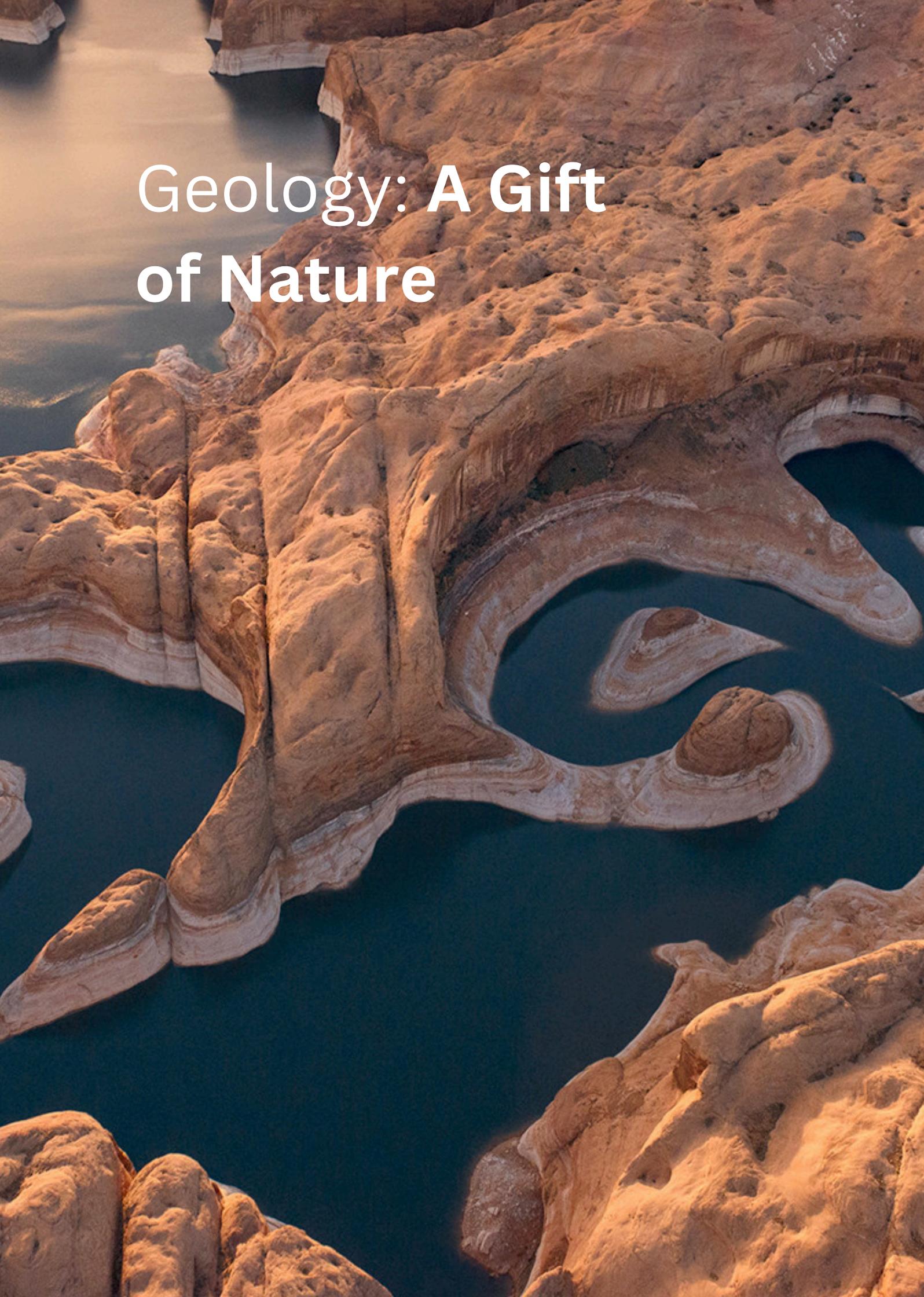
Signed Joint Venture Agreements:

S.NO	License Name/Type	Partner/ Company	Minerals	Location
1	ML-19 & 20	RDMC	Copper & Gold	Chagai
2	ML-55,56	MFH	Copper	Chagai
3	EL-302 & 303	IRH, MML	Copper & Gold	Chagai
4	ML-22, 23 & 24	PMC	Fluorite	Loralai
5	ML-100	MCCT, PMDC	Lead & Zinc	Lasbella
6	ML-47,48 & 325	KMCL	Copper & Gold	Chagai
7	EL-279 & 280	Tejara	Copper & Gold	Chagai
8	ML- 14 & 18	NORINCO	Copper & Gold	Chagai
9	ML- 16	BME/PPL	BLZ	khuzdar

Joint Venture Agreements Under Process:

S.NO	License/ Type Name	Partner / Company	Minerals	Location
1	EL-214	NRL	Copper & Gold	Chagai
2	EL-205 & 207	FWO	Copper & Gold	Chagai
3	EL-210	Al Rehman Energy Solution Pvt Ltd	Coal, calcite, gypsum	Musakhail
4	EL-218	Hiema International	Antimony	Killa Abdullah
5	EL-225	Thatta Cement	Limestone	Lasbella
6	EL-226	RJS Textile	Heavy Metals (Beach Sands)	Lasbella
7	EL-227	Thatta Cement	Limestone	Lasbella
8	EL-275	HRL	Barite, lead, zinc	Khuzdar
9	EL-186	MPCL	Copper & Gold	Chagai
10	EL-276	YD Cement	Shale, Clay & cement manufacturing material	Jhal Magsi
11	ML-59	DMC	Copper	Chagai
12	EL 322 & 323	MMCL	Copper & Gold	Chagai

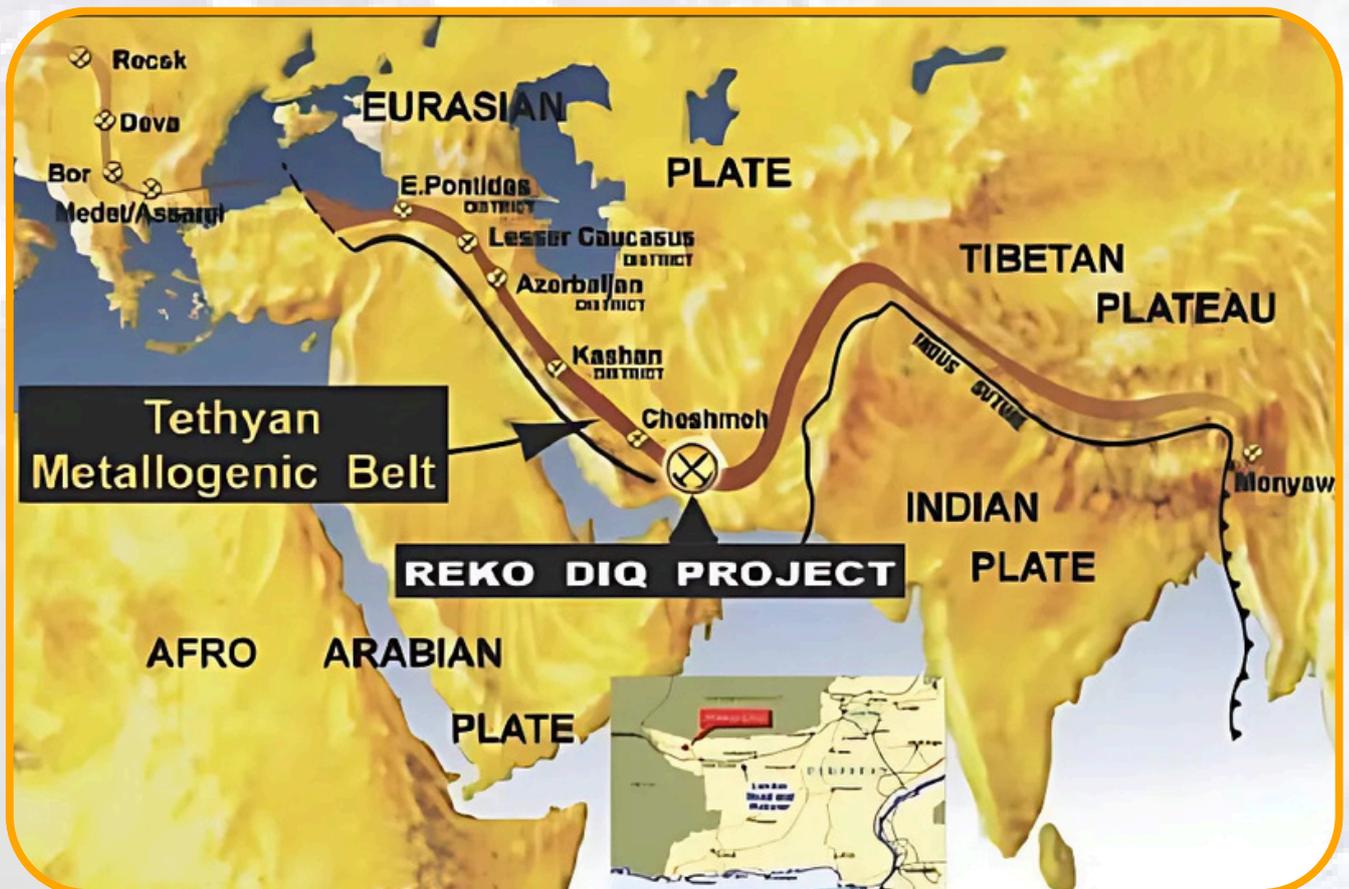
Geology: A Gift of Nature



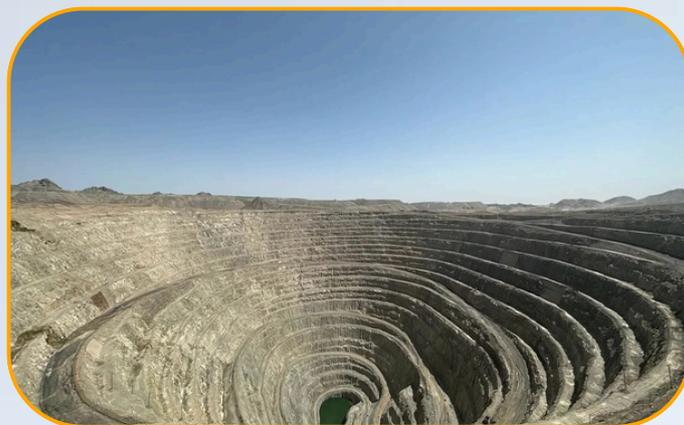
TETHYAN BELT IN PAKISTAN: A MINERAL RICH FRONTIER

The Tethyan Metallogenic Belt in Pakistan is a globally significant mineralized zone, rich in copper, gold, and other strategic metals.

This belt extends from Turkey, Iran, Afghanistan, and into Balochistan, Pakistan, forming part of the broader Tethyan Eurasian Metallogenic Belt (TEMB).



Geological Riches of Balochistan



BALUCHISTAN: THE TREASURE OF MINERAL OPPORTUNITIES

Balochistan, covering 55% of Pakistan's outcrop area (335,360 square km) is the nation's most mineral-rich province, hosting over 50 minerals, 22 of which are commercially mined.

Some Important Potentials of Balochistan:



COPPER



GOLD



BLZ



IRON ORE



FLUORITE



ANTIMONY



CHROMITE



COAL



LITHIUM

COPPER: THE BACKBONE OF MODERN INDUSTRY

Copper is one of the most essential and versatile metals, playing a crucial role in industrial, technological, and economic development. Its high conductivity, durability, and recyclability make it a key resource in various industries, from construction and electronics to energy and transportation.

Copper & gold are found in porphyry, sediment-hosted, and volcanogenic massive sulfide (VMS) deposits

Major Deposits

Reko Diq:

One of the largest undeveloped copper & gold deposit in the world.

Saindak Copper & Gold Project:

An active mining site producing copper and gold in Chagai district.



Gold (Au) is one of the most valuable and sought-after metals in the world. It has been used for currency, jewelry, investment, and industrial applications for thousands of years. Gold's scarcity, durability, and resistance to corrosion make it a critical resource for both economic stability and technological advancements.

Major Deposits:

Reko Diq:

Reko Diq is one of the largest undeveloped copper & gold deposit in the world. Hosted in porphyry copper & gold systems.

Saindak Copper-Gold Mine:

This is Active mining project producing Copper, Gold & Silver.

Koh-E-Sultan: Copper & Gold deposits are also reported in Koh-e-Sultan area, north of Nokkundi, Chagai district



BARITE, LEAD & ZINC:

Balochistan known for its vast mineral resources, presents significant opportunities for foreign investment in the mining and development of lead and zinc. With its strategic location, rich deposits, and increasing focus on industrial growth, the province has become a promising destination for investors looking to capitalize on the global demand for these essential minerals.

Major Deposits:

The major Barite, lead and Zinc deposits are found in Lasbela and Khuzdar Districts,



IRON ORE:

Iron ore is a mineral deposit containing iron minerals, primarily iron oxides like hematite and magnetite, from which metallic iron can be economically extracted, essential for steel production.

Iron ore is the primary source of iron for the iron and steel industries, with nearly all iron ore being used in steelmaking.

Major Deposits:

The major Iron ore deposits are Located in the Dilband Kalat district. other deposits are found in Nokkundi, Pachin Koh, Chigendik, and Chilgazi in Chagai district.



ANTIMONY:

The primary mineral form of antimony is stibnite (Sb_2S_3). Stibnite is an antimony sulfide mineral and the most important source of antimony metal. Antimony is a metalloid element with the symbol Sb and atomic number 51.

Antimony is used in alloys (especially with lead), flame retardants, batteries, semiconductors, and ammunition.

Major Deposits:

Major Antimony deposits have been found in Killa Abulla and Washuk districts of Balochistan. The small deposits are also reported in other parts of Balochistan.



FLUORITE:

Fluorite, also known as fluorspar, is a mineral composed of calcium fluoride (CaF_2). It's known for its often vibrant colors and its ability to form large, glassy cubic crystals. Fluorite has both industrial and metaphysical uses. Used as a flux in metal smelting, particularly in steel and aluminum production, and as a source of fluorine for various chemical compounds like hydrofluoric acid. It's also used in the production of glass, enamels, and certain types of lenses.

Major Deposits:

Fluorite deposits have been found in Gadebar, Daman Ghar, tor Thana, Wategam, Mekhtar, Balao, Mahiwal areas of Loralai District, Balochistan. The largest deposit of fluorite (over 0.1million ton) are located in Dilband and in its vicinity in Kirthar foldbelt Kalat District.



LITHIUM:

Lithium is a soft, silvery-white alkali metal, and is the lightest of all metals. It's known for its high reactivity and is used in various applications, most notably in rechargeable batteries for electronics and electric vehicles. It's also used in medications, ceramics, and glass.

Major Deposits:

Balochistan province in Pakistan holds significant lithium deposits, particularly in Washuk, Chaghi & Nushki districts. These deposits, including lithium and other precious minerals, are found in underground saline water and could potentially generate significant foreign exchange and boost the local economy.



CHROMITE:

Chromite is a mineral composed of iron chromium oxide (FeCr_2O_4) and is the primary ore of the element chromium. It's a member of the spinel group and is known for its use in producing stainless steel and other high-temperature alloys. Chromite is also used as a refractory material due to its high heat stability.

Chromite is primarily used to produce metallic chromium, which is a crucial component in the creation of stainless steel and other alloys. It's also used in refractories due to its high heat resistance and in the production of chromium chemicals for various applications.

Major Deposits:

Chromite deposits were first discovered in Balochistan in 1901 at Muslim Bagh and Khanozai. Besides the initial discoveries, significant deposits have been found in the Ras Koh Range, Wad (Khuzdar district), and Zhob.



COAL:

Coal is a combustible, black or brownish-black sedimentary rock primarily composed of carbon. It's formed from the remains of ancient plants that have been transformed over millions of years by heat and pressure, making it a nonrenewable energy source.

Coal is a type of fossil fuel and is widely used as a fuel for electricity generation and industrial processes.

Major Deposits:

Balochistan province in Pakistan is rich in coal reserves, with Chamalang, Duki, Mach, Sor Range-Degari, and Khost-Sharig-Harnai being key coalfields. These areas contribute significantly to Pakistan's energy production and fuel the country's steel industry.



LOCATION MAP OF VARIOUS KNOWN MINERAL DEPOSITS OF BALOCHISTAN



MAP LEGENDS

Copper	
Gold	
Chromite	
Iron Ore	
Lead/Zinc	



FRAMES OF PROGRESS

Glimpses of Pakistan Minerals Investment Forum 2025, Islamabad (PMIF-25)

Foreigners visits to BMRL Booth

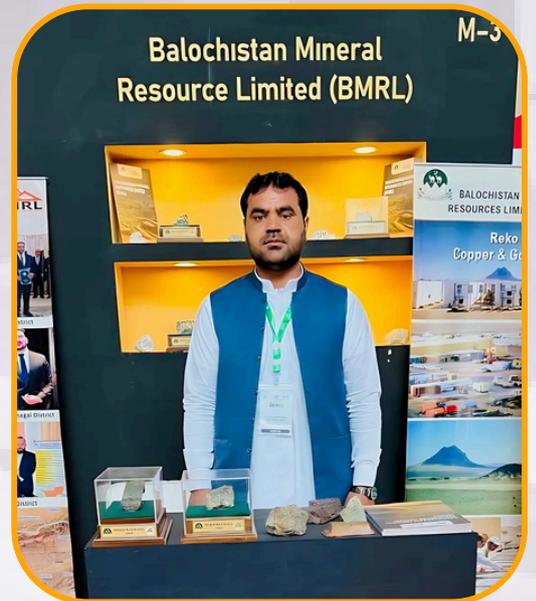


Captured moments of Pakistan Pavilion, Future Mineral Forum 2025, KSA (FMF-25)

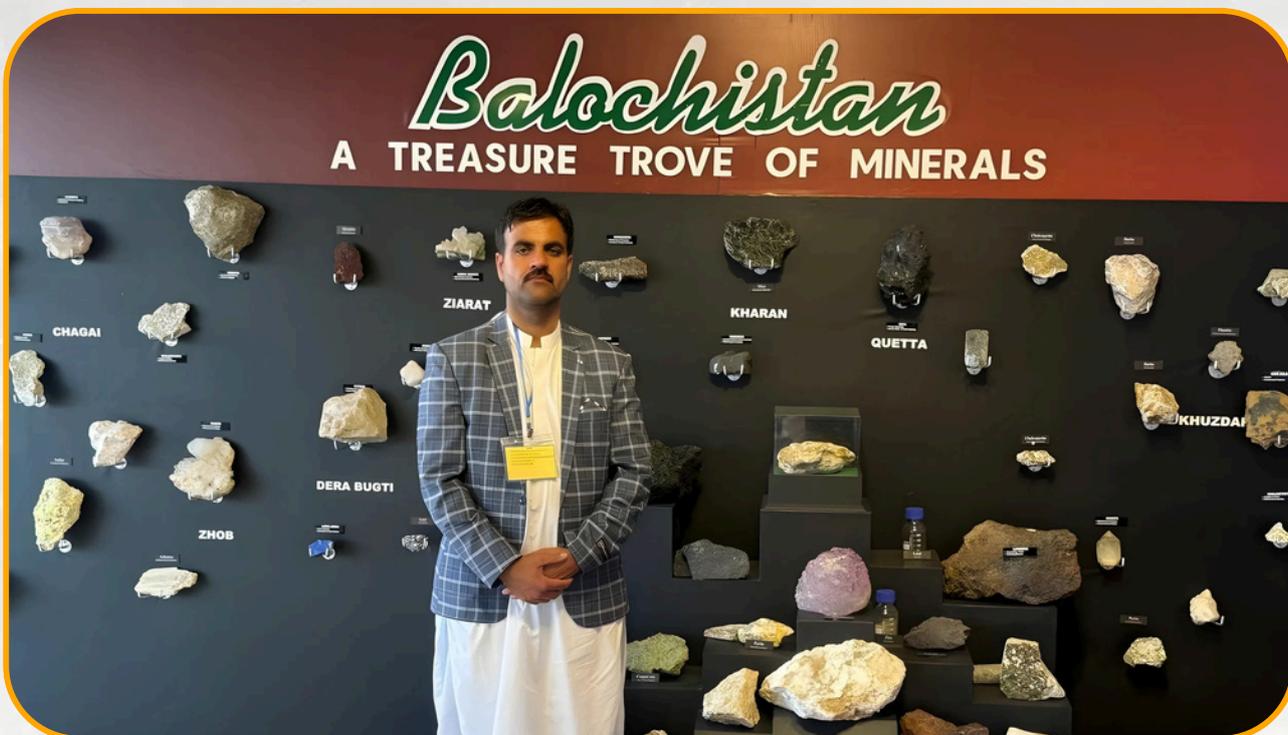




Captured moments of Health Engineering and Minerals Show (HEMS), Lahore 2025



Balochistan Cultural And Mineral Festival (BCMF) Quetta 2025



Glimpses of Job Fair 2025 - NUST Balochistan Campus Quetta



In Focus: Geological Fields



Geological Fields...



Commitment & Way Forward

OUR COMMITMENT :

BMRL envisions a future where Balochistan's mineral wealth becomes a cornerstone of Pakistan's economic growth. By focusing on innovation, responsible resource management, and collaborative growth, we aim to make BMRL a leading force in the mining sector.

WAY FORWARDED

- Expansion of Exploration Activities – Enhancing geological surveys and utilizing advanced exploration techniques to identify new mineral resources and reserves.
- Strengthening Joint Ventures – Collaborating with leading local and international companies to bring expertise, investment, and innovation to Balochistan's mining sector.
- Sustainable Mining Practices – Implementing environmentally responsible mining techniques to ensure long-term resource availability and ecological balance.
- Value Addition & Processing – Establish several mineral processing and refining facilities for Chromite, Coal, Marble, Fluorite or for other minerals to maximize economic benefits and reduce dependency on raw exports.
- Community & Economic Development – Create employment opportunities, investing in workforce training, and ensuring local communities benefit from resource development.
- Expanding geological surveys and resource exploration projects to identify and evaluate untapped minerals including Copper, Gold, Lithium, Barite, Lead, Zinc, Fluorite and other metallic and non-metallic minerals in province.
- bring advanced technology and expertise to Balochistan through leading joint venture companies.



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