

MINES & MINERALS

VISION

A modern, innovative, dynamic and private sector driven mineral sector that is environmentally responsible socially sustainable and safe; and that contribute significantly to the Punjab's and Pakistan's overall economic growth.

MISSION

To ensure responsible mineral development that contributes the optimal level of mineral revenue while respecting the principles of sustainable development.

STRATEGIC OBJECTIVES:

➤ **Mineral governance:**

- i. Inclusive Broad Based Strategic Decision-making and Consultation
- ii. Capable and Effective Institutions Supporting Private Sector Driven Growth
- iii. Clear and fair mining legislation (based on internationally accepted practices)
- iv. Access to Land and Coordinated Land Use for Mineral Development

➤ **Economic Development:**

- i. Equitable and Fair Revenue Generation and Collection Regime
- ii. Strategic Mineral Resource Development Management and Value Addition
- iii. Supporting Small to Medium Scale Mining
- iv. Competitive and Enabling Governance Climate to Attract Investment
- v. Infrastructure Development for the Mineral sector
- vi. Human Resource Development

➤ **Environment Protection, Health and Safety and Social Development:**

- i. Socio-economic benefits, Sustainable and Equitable Development
- ii. Protected Environment
- iii. Healthy and Safe Workforce
- iv. Protected Mining Related Labour Rights

GOALS:

- Encourage and support exploration of minerals, particular through private sector

- Strengthen Government's role as a facilitator to create "enabling environment" for the respective investors in mines and minerals sector
- Promote environment-friendly mining practices and to take measures for mitigation of environmental hazards of mining for sustainable development of mineral sector
- Develop schemes for welfare and safety of mine workers
- Provide internationally competitive regulatory framework-mining concession rules and institutional restructuring of Mines & Minerals department in the light of international best practices.

KEY CHALLENGES:

- Environmental pollution from mining activities.
- Lack of sufficient foreign and local investment.
- Inadequate regulatory and institutional framework.
- Out dated geological information and poor understanding of mineral endowment.
- Inability to attract and retain top talent.
- Primitive mining methods hindering optimal resource extraction.

ACHIEVEMENTS DURING 2017-18:

- Rehabilitation of Training Mine for Mine Supervisors and Mining Technicians, Katas.
- Capacity Building and Strengthening of Directorate General of Mines & Minerals., Punjab, Lahore.
- Establishment of Model Mines Based on Semi Mechanized Mining Techniques in Salt Range, Khushab/Chakwal
- Short Term Skills Development Project (Chief Minister's Skills Development Initiative).
- Exploration & Resource Estimation of Iron Ore & Associated Metallic Minerals in Chiniot-Rajoa, Punjab (Phase-I).
- Completion of forward modelling for infill and extension drilling in Chiniot-Rajoa.
- Completed underground Coal Mines Survey; Third Party Validation, Punjab, Pakistan
- Institutional Restructuring of Mines and Mineral Department along with its associated undertakings.
- Province's first ever Mineral Policy i.e. Punjab Mineral Policy, 2018 has been approved.

- Completion of Delineating negative and positive mining areas for installation of cement plants in the salt range.

NEW INITIATIVES FOR 2018-19

- Development & implementation of coal pricing framework in Punjab.
- Up-gradation of Punjab School of Mines at Katas, Tehsil Choa Saiden Shah, District Chakwal.
- Strengthening of Mines Sample Testing Laboratory, Khushab.
- Establishment of Rescue Squad Pull-111 District Sargodha.
- Construction of Office Complex of Mines & Minerals Department at Lahore.
- Construction of Office Buildings and Residences of Mines & Minerals Department in Lahore Chakwal, Khushab, Mianwali and Chiniot Districts.

TARGETS FOR 2018-19:

- Strengthening of Mines Sample Testing Laboratory, Khushab.
- Upgradation of Punjab School of Mines, Katas Tehsil Choa Saiden Shah, District Chakwal
- Establishment of Rescue Squad Pull-111 District Sargodha.
- Construction Of Office Building And Residence For Deputy Director Mines & Minerals Khushab
- Construction of Office and Residences for the Deputy Director Mines & Minerals Mianwali.
- Provision of Equipment for Inspection Regime

TREND OF ALLOCATIONS

(Millions PKR)

Sr. No.	Year	Allocation
1	2015-16	1817
2	2016-17	1893
3	2017-18	1500
4	2018-19	250

MTDF 2018-21
Mines & Minerals: Summary
Development Programme 2018-19

(PKR Million)

Sub-Sector	Local	F. Aid	Total
On-going Schemes			
Regular	131.599	0.000	131.599
Total: On-going Schemes	131.599	0.000	131.599
New Schemes			
Regular	118.401	0.000	118.401
Total: New Schemes	118.401	0.000	118.401
Total (Ongoing + New + ODP)	250.000	0.000	250.000

Development Programme 2019-20

(PKR Million)

Sub-Sector	Local	F. Aid	Total
On-going Schemes			
Regular	144.759	0.000	144.759
Total: On-going Schemes	144.759	0.000	144.759
New Schemes			
Regular	130.241	0.000	130.241
Total: New Schemes	130.241	0.000	130.241
Total (Ongoing + New + ODP)	275.000	0.000	275.000

Development Programme 2020-21

(PKR Million)

Sub-Sector	Local	F. Aid	Total
On-going Schemes			
Regular	159.235	0.000	159.235
Total: On-going Schemes	159.235	0.000	159.235
New Schemes			
Regular	143.265	0.000	143.265
Total: New Schemes	143.265	0.000	143.265
Total (Ongoing + New + ODP)	302.500	0.000	302.500

MTDF 2018-21 : Grand Total

827.500

MINES & MINERALS: SUMMARY

(PKR Million)

Type / Sub Sector	No. of Schemes	Provision for 2018-19				Projection for 2019-20	Projection for 2020-21
		Capital	Revenue	Foreign Aid	G. Total (Cap + Rev)		
<u>ON-GOING SCHEMES</u>							
Regular	5	61.923	69.676	0.000	131.599	141.888	0.000
Total: ON-GOING SCHEMES	5	61.923	69.676	0.000	131.599	141.888	0.000
<u>NEW SCHEMES</u>							
Regular	4	10.000	108.401	0.000	118.401	250.519	0.000
Total: NEW SCHEMES	4	10.000	108.401	0.000	118.401	250.519	0.000
Total: ADP	9	71.923	178.077	0.000	250.000	392.407	0.000
Grand Total	9	71.923	178.077	0.000	250.000	392.407	0.000

Mines & Minerals

(PKR Million)

GS No	Scheme Information Scheme ID / Approval Date / Location	Est. Cost	Accum. Exp. June, 18	Provision for 2018-19			MTDF Projections		Throw fwd Beyond June, 2021
				Cap.	Rev.	G.Total (Cap.+Rev.)	2019-20	2020-21	
1	2	3	4	5	6	7	8	9	10

ON-GOING SCHEMES

Regular

5817	Upgradation of Punjab School of Mines, Katas Tehsil Choa Saiden Shah, District Chakwal 27-17-27-008413 / 01-07-2017 / Chakwal LO16000243 R, LO17005393 C	56.330	0.000	12.827	16.070	28.897	27.433	0.000	0.000
5818	Establishment of Rescue Squad at Pull 111 District Sargodha 27-17-33-008423 / 01-07-2017 / Sargodha LO17000052 R, LO17005394 C	75.849	0.000	10.000	15.691	25.691	50.158	0.000	0.000
5819	Strengthening of Mine Sample Testing Laboratory, Khushab 27-16-31-004698 / 29-09-2016 / Khushab LO17000047 R, LO17005392 C	99.084	85.994	8.978	4.114	13.092	0.000	0.000	0.000
5820	Construction Of Office Building And Residence for Deputy Director Mines & Minerals Khushab 27-17-31-008427 / 01-07-2017 / Khushab LO17000053 R, LO17005395 C	72.919	0.000	14.919	24.000	38.919	34.000	0.000	0.000
5821	Construction of Office and Residence for the Deputy Director Mines & Minerals Mianwali 27-17-32-008425 / 01-07-2017 / Mianwali LO17000054 R, LO17005396 C	55.297	0.000	15.199	9.801	25.000	30.297	0.000	0.000
Total: Regular		359.479	85.994	61.923	69.676	131.599	141.888	0.000	0.000
Total: ON-GOING SCHEMES		359.479	85.994	61.923	69.676	131.599	141.888	0.000	0.000

NEW SCHEMES

Regular

5822	Acquisition of land for establishment of office of Inspector of Mines & Junior Inspector of Mines, Chakwal 27-18-27-022702 / Un-Approved / Chakwal LO00000000 R	20.000	0.000	0.000	20.000	20.000	0.000	0.000	0.000
5823	Construction of Mining complex for the office of Chief Inspectorate of Mines, Mining Development Cell and Mines Labour Welfare Commissioner, Punjab Lahore. 27-18-19-022735 / Un-Approved / Lahore LO00000000 C	256.920	0.000	10.000	0.000	10.000	246.920	0.000	0.000
5824	Acquisition of land for Construction of Office and Residences for Assistant Director Mines & Minerals, Chiniot 27-18-08-023224 / Un-Approved / Chiniot LO00000000 R	17.000	0.000	0.000	13.401	13.401	3.599	0.000	0.000
5825	Provision of Equipment for Inspection Regime 27-18-37-022717 / Un-Approved / Punjab LO00000000 R	75.000	0.000	0.000	75.000	75.000	0.000	0.000	0.000
Total: Regular		368.920	0.000	10.000	108.401	118.401	250.519	0.000	0.000
Total: NEW SCHEMES		368.920	0.000	10.000	108.401	118.401	250.519	0.000	0.000
Grand Total		728.399	85.994	71.923	178.077	250.000	392.407	0.000	0.000