

# **MINES & MINERALS**

## **VISION**

To promote and facilitate Mines and Minerals exploration in Punjab to attract foreign and local investment in this sector, thereby enhancing the contribution of Mines and Minerals in the Provincial GDP.

## **POLICY / STRATEGY**

- Encourage and support in opening up new avenues in mineral exploration.
- Strengthening Government's role as a facilitator to create "enabling and friendly investment environment" for the prospective investors in sector.
- Promote environment friendly mining practices and to take measures for mitigation of environmental hazards of mining for sustainable development of Mines & Minerals sector.
- Development initiatives for capacity building of the department and safety of mine workers.
- Provide competitive regulatory regime, mining concession rules and restructuring of the institutional arrangements for administration in the light of international best practices followed in developed countries.

## **STRATEGIC INTERVENTIONS**

- Transformation from regulatory paradigm to a research and exploration oriented entity
- Exploration and resource estimation of iron ore, metallic and allied minerals
- Defining and mapping resource corridors for metallic, energy and industrial minerals
- Establishment of model mining based on semi mechanized mining techniques
- Environment friendly mining practices and to take measures for mitigation of hazards of mining for sustainable development of mineral sector
- Schemes of new resources, up-scaling of HR and capacity building, and rescue facilities for mine workers
- Institutional Restructuring of Mines and Minerals Department
- Development of Coal Fire Power Plants at Mines Mouth with indigenous coal under China-Pak Economic Corridor initiative.

## **Punjab Minerals Company (PMC)**

The Punjab (Mineral Company (Pvt.) Ltd. (PMC) was established in 2009 for promotion, exploration, development and exploitation of the minerals in Punjab. The PMC is presently working on exploration and resource estimation of Iron Ore and associated metallic minerals in Chiniot Rajoa and coal mines survey in Punjab. Major initiatives of the company are as follows:

- Feasibility study and selection of concessionaire / investor(s) for iron & associated minerals mining and establishment of steel mill in Punjab is in progress.
- Underground coal mines survey in Punjab is near completion
- Mineral resource mapping, estimation, exploration and data cataloguing is in progress
- Study of establishment of model mine based on semi mechanized mining techniques in salt Range Khushab / Chakwal
- Development & implementation of coal pricing framework in Punjab

### **ACHIEVEMENT OF FINANCIAL YEAR 2016-17**

- Completion of Feasibility Study of Chiniot Rajoa
- Mineral resource mapping & exploration at Regional level
- Completion and operationalization of Mines Rescue & Safety Sub Station, Ara Basharat”

### **TARGETS FOR FINANCIAL YEAR 2017-18**

- Delineation of negative and positive areas for establishment of new cement plants
- Study of establishment of model mine based on semi mechanized mining techniques in salt Range Khushab / Chakwal
- Capacity building & strengthening of Directorate General Mines & Minerals, Punjab
- Development & implementation of coal pricing framework in Punjab
- Up-gradation of Punjab School of Mines at Katas
- Strengthening of Mine Sample Testing Laboratory, Khushab
- Short Term Skills Development Project under Chief Minister's Skills Development Initiative
- Completion of MLW Girls Higher Secondary School at Chak No. 119 SB, Tehsil Sillan Wali District Sargodha.

## TREND OF ALLOCATIONS

(Millions PKR)

<b>Sr.No.</b>	<b>Year</b>	<b>Allocation</b>
1	2013-14	75
2	2014-15	192
3	2015-16	1817
4	2016-17	1893
5	2017-18	1500

### OTHER DEVELOPMENT PROGRAMME (ODP)

Punjab Mineral Company

Rs.1000.000 Million PKR

**MTDF 2017-20**  
**MINES & MINERALS: SUMMARY**  
**DEVELOPMENT PROGRAMME 2017-18**

*(Million Rs.)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Regular	293.011	0.000	293.011
<b>Total: On-going Schemes</b>	<b>293.011</b>	<b>0.000</b>	<b>293.011</b>
<b>New Schemes</b>			
Regular	206.989	0.000	206.989
<b>Total: New Schemes</b>	<b>206.989</b>	<b>0.000</b>	<b>206.989</b>
<b>Other Development Program</b>			
ODP	1,000.000	0.000	1,000.000
<b>Total: Other Development Program</b>	<b>1,000.000</b>	<b>0.000</b>	<b>1,000.000</b>
<b>Total (Ongoing + New + ODP)</b>	<b>1,500.000</b>	<b>0.000</b>	<b>1,500.000</b>

**DEVELOPMENT PROGRAMME 2018-19**

*(Million Rs.)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Regular	322.312	0.000	322.312
<b>Total: On-going Schemes</b>	<b>322.312</b>	<b>0.000</b>	<b>322.312</b>
<b>New Schemes</b>			
Regular	227.688	0.000	227.688
<b>Total: New Schemes</b>	<b>227.688</b>	<b>0.000</b>	<b>227.688</b>
<b>Other Development Program</b>			
ODP	1,100.000	0.000	1,100.000
<b>Total: Other Development Program</b>	<b>1,100.000</b>	<b>0.000</b>	<b>1,100.000</b>
<b>Total (Ongoing + New + ODP)</b>	<b>1,650.000</b>	<b>0.000</b>	<b>1,650.000</b>

**DEVELOPMENT PROGRAMME 2019-20**

*(Million Rs.)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Regular	354.543	0.000	354.543
<b>Total: On-going Schemes</b>	<b>354.543</b>	<b>0.000</b>	<b>354.543</b>
<b>New Schemes</b>			
Regular	250.457	0.000	250.457
<b>Total: New Schemes</b>	<b>250.457</b>	<b>0.000</b>	<b>250.457</b>
<b>Other Development Program</b>			
ODP	1,210.000	0.000	1,210.000
<b>Total: Other Development Program</b>	<b>1,210.000</b>	<b>0.000</b>	<b>1,210.000</b>
<b>Total (Ongoing + New + ODP)</b>	<b>1,815.000</b>	<b>0.000</b>	<b>1,815.000</b>

<b>MTDF 2017-20 : Grand Total</b>	<b>4,965.000</b>
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## MINES & MINERALS: SUMMARY

(Million PKR.)

Type / Sub Sector	No. of Schemes	Provision for 2017-18				Projection for 2018-19	Projection for 2019-20
		Capital	Revenue	Foreign Aid	G. Total (Cap+Rev)		
<b><u>ON-GOING SCHEMES</u></b>							
Regular	6	59.839	233.172	0.000	293.011	0.000	0.000
<b>Total: ON-GOING SCHEMES</b>	<b>6</b>	<b>59.839</b>	<b>233.172</b>	<b>0.000</b>	<b>293.011</b>	<b>0.000</b>	<b>0.000</b>
<b><u>NEW SCHEMES</u></b>							
Regular	7	130.489	76.500	0.000	206.989	104.511	0.000
<b>Total: NEW SCHEMES</b>	<b>7</b>	<b>130.489</b>	<b>76.500</b>	<b>0.000</b>	<b>206.989</b>	<b>104.511</b>	<b>0.000</b>
<b><u>OTHER DEVELOPMENT PROGRAMME</u></b>							
ODP	1	0.000	1,000.000	0.000	1,000.000	0.000	0.000
<b>Total: OTHER DEVELOPMENT PROGRAMME</b>	<b>1</b>	<b>0.000</b>	<b>1,000.000</b>	<b>0.000</b>	<b>1,000.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Grand Total</b>	<b>14</b>	<b>190.328</b>	<b>1,309.672</b>	<b>0.000</b>	<b>1,500.000</b>	<b>104.511</b>	<b>0.000</b>

# MINES & MINERALS

(Million PKR.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,17	Provision for 2017-18			MTDF Projections		Throw fwd Beyond June, 2020
				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10

## ON-GOING SCHEMES

### Regular

9180	Rehabilitation of Training Mine for Mine Supervisors and Mining Technicians, Katas. Approved DDSC 2016/07/15 Chakwal	74.669	27.000	20.800	26.869	47.669	0.000	0.000	0.000
9181	Completion of Leftover Works of the MLW Girls Higher Secondary School at Chak no. 119 SB, Tehsil Sillan Wali, District Sargodha Approved DDSC 2016/11/29 Sargodha	34.445	11.500	22.945	0.000	22.945	0.000	0.000	0.000
9182	Strengthening of Mine Sample Testing Laboratory, Khushab. Approved DDSC 2016/07/15 Khushab	98.106	22.048	16.094	59.964	76.058	0.000	0.000	0.000
9183	Capacity Building & Strengthening of Directorate General of Mines & Minerals Punjab, Lahore Approved DDC/DDWP 2016/04/28 Punjab	215.710	178.300	0.000	37.410	37.410	0.000	0.000	0.000
9184	Study of Establishment of Model Mine based on Semi Mechnaized mining techniques in salt Range Khushab / Chakwal (PC-II) Approved DDC/DDWP 2015/12/17 Chakwal,Khushab	22.080	21.080	0.000	1.000	1.000	0.000	0.000	0.000
9185	Short Term Skills Development Project (Chief Minister's Skills Development Initiative) Approved DDC/DDWP 2016/02/19 Chakwal,Khushab	160.612	52.683	0.000	107.929	107.929	0.000	0.000	0.000
<b>Sub-Total: Regular</b>		<b>605.622</b>	<b>312.611</b>	<b>59.839</b>	<b>233.172</b>	<b>293.011</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Total: ON-GOING SCHEMES</b>		<b>605.622</b>	<b>312.611</b>	<b>59.839</b>	<b>233.172</b>	<b>293.011</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

## NEW SCHEMES

### Regular

9186	Upgradation of Punjab School of Mines, Katas Tehsil Choa Saiden Shah, District Chakwal Un-Approved Chakwal	50.000	0.000	15.000	20.000	35.000	15.000	0.000	0.000
9187	Establishment of Rescue Squad at Pull 111 District Sargodha Un-Approved Sargodha	50.000	0.000	25.000	5.000	30.000	20.000	0.000	0.000
9188	Construction Of Office Building And Residences For Deputy Director Mines & Minerals Khushab Un-Approved Khushab	50.000	0.000	25.489	5.000	30.489	19.511	0.000	0.000
9189	Construction of Office and Residences for the Deputy Director Mines & Minerals Mianwali Un-Approved Mianwali	50.000	0.000	30.000	5.000	35.000	15.000	0.000	0.000
9190	Establishment of Strategic Planning Unit Un-Approved Lahore	50.000	0.000	0.000	35.000	35.000	15.000	0.000	0.000
9191	Construction of Car sheds and Renovation of parking area for newly constructed office of mines and Minerals Department Un-Approved Lahore	11.500	0.000	10.000	1.500	11.500	0.000	0.000	0.000

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(Million PKR.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,17	Provision for 2017-18			MTDF Projections		Throw fwd Beyond June, 2020
				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10
9192	Construction of Office building and Residences for the Assistant Director of Mines & Minerals at Chiniot Un-Approved Chiniot	50.000	0.000	25.000	5.000	30.000	20.000	0.000	0.000
<b>Sub-Total: Regular</b>		311.500	0.000	130.489	76.500	206.989	104.511	0.000	0.000
<b>Total: NEW SCHEMES</b>		311.500	0.000	130.489	76.500	206.989	104.511	0.000	0.000
<b><u>OTHER DEVELOPMENT PROGRAMME</u></b>									
<b>ODP</b>									
9193	Punjab Minerals Company Approved PDWP 2016.06.30 Punjab	1,000.000	0.000	0.000	1,000.000	1,000.000	0.000	0.000	0.000
<b>Sub-Total: ODP</b>		1,000.000	0.000	0.000	1,000.000	1,000.000	0.000	0.000	0.000
<b>Total: OTHER DEVELOPMENT PROGRAMME</b>		1,000.000	0.000	0.000	1,000.000	1,000.000	0.000	0.000	0.000
<b>Grand Total</b>		1,917.122	312.611	190.328	1,309.672	1,500.000	104.511	0.000	0.000