RESERVE PRICE OF SAND STONE BLOCK (1-A) NEAR CHAK NO. 110 S.B. DISTRICT SARGODHA.

Note: Chief Minister Punjab constituted a special committee in 2015 under chairman ship of Provincial Minister for Law and Parliamentary Affairs to review the legal frame work for the grant of minor mineral leases to curb the cartelization in district Sargodha. This committee introduced a new legal regime by making amendments in Punjab Mining Concession Rules 2002 and also directed to bifurcate larger size blocks into smaller blocks on their expiry/surrender. Sandstone block (A)/110 having area 340.63 acres is going to expire on 31-01-2019 and possession of area will be taken over on 01-02-2019. Keeping in view the direction of the said committee old sandstone block no.(A)/110 has been divided into two blocks namely (1-A)/110 & (1-B)/110 having area of 165.25 acres & 175.37 acres respectively. So the bidding history of sandstone block (A)/110 have been divided two equal parts for calculation of reserve price. Accordingly Reserve price calculation for new sandstone block (1-A)/110 is given below:

1	*Last highest operative bid for 05 years during last 6.5 years Last highest operative bid for 03 years during last 6.5 years Last highest operative bid for 03 years during last 6.5 years for half of block	= Rs: 1,33,00,000/- =Rs: 1,02,30,769/- = Rs: 51,15,385/-
2	An average of all received bids for 05 years during last 6.5 years (50,00,000+75,00,000+81,00,000+1,05,00,000+1,10,00,000+1,20,05,000+1,25,06,000+1,30,12,000+1,30,12,000+1,00,00,000+1,05,00,000+1,33,00,000)/12	= Rs.1,05,36,250/-
	For three years= Rs: 1,05,36,250/- X 3/5	= Rs: 63,21,750/- = Rs: 31,60,875/-
100	For half of block area= 63,21,750/2	= Rs.30.69.231/-
3	Average receipts per 03 years for last 6.5 years [(1,33,00,000)/2] X3/(2x3.25) For half of the block= Rs. 30,69,231/2	= Rs.15,34,616/-
4	An average of above $(1),+(2)+(3)/3$	= Rs: 32,70.292/-
4	All average of above (1), (2)	La Estación de Maria de la
5	Proposed based price	= Rs: 51,15,385/-

Sr. No.	Major Factors	Maximum Weight- age (%)	Weight-ages assigned (%)	Calculated amount (in Rs)
1	Geological survey, location of block and assessment of mineral in the block		0	0
2	Quality of the minerals in the block		03	Rs.1,53,462/-
3	Availability of access road to the blocks	Up to 20% of base price	06	Rs.3,06,923/-
4	Accessibility to the market and consumption of the mineral in the block		06	RS.3,06,923/-
5	Future potential of excavation from the block		0.5	Rs.2,55,769/-
6	Any unique factor at the site of the block relevant for	**	670%	Rs.3,42,73,080/-

7 Location of surrounding blocks/ zones and its impact on the reserve price of this zone.

Subject block have available area for working about 63 acres out of 165.25 acres. Subject block also have 22 khats/pits on all sides of block. Following five other blocks are situated in its locality, adjacent to each other but each block has its own value depending upon quality of stone, available area and number of khats/ pits in the block.

Block No.	Bid Money (Rs)	Reserve Price (Rs)	Market
5/110	20,02,00,000	1.18.00,000	A.W.
6/110	1,25,25,000		All over
7/110	3,02,00,000	40,00,000	the Punjab
8/110	80,00,000	14,58,000	Province
1-B/110	Newly Bifurcated block	4,00,00,000	

Total of contributing factors per three years.	Rs.3,52,45,003/-
Proposed base price per three years	Rs.51,15,385/
Reserve price=total of contributing factor + basis price per three years	Rs.4,03,60,388/-
Reserve Price (Say)	Rs.4,00,00,000/-

*Subject block was fabricated on 23-06-2012 by merging 05 old sandstone blocks namely (1/110), (2/110), (3/110) (4/110) & (9/110). So bidding will be considered onward from 23-06-2012 for calculation of reserve price.

** Total area of the block is 165.25 acres out of which 63 acres is available for working. Therefore, keeping in view the available area of the block 670% weightage is added to its base price.

Deputy Director Mines & Minerals, Sargodha

Decision

The Special Expert Committee observed that adjacent blocks in the same area with the same access road and having same quality of mineral reserve namely 5/110, 6/110 and 7/110 are granted against the bids of Rs.20,02,00,000/-, Rs.1,25,25,000/- and Rs.3,02,00,000/- respectively, therefore, the committee decided to fix the reserve price under discussion block as Rs.10,00,00,000/-

(MUHAMMAD ZAFAR JAVAID) DIRECTOR GENERAL (NINES & MINERALS)

PUNJAB, LAHORE

(MUHAMMAD ZAFAR JAVAID) DIRECTOR LICENSING (MINOR MINERALS) PUNJAB, LAHORE (SYED ISHTIAQ HUSSAIN)
DIRECTOR
RESOURSE MAPPING, DIVISION
HEADQUARTER'S OFFICE, LAHORE

1 John

RESERVE PRICE OF SAND STONE BLOCK (1-B) NEAR CHAK NO. 110 S.B. DISTRICT SARGODHA.

Note: Chief Minister Punjab constituted a special committee in 2015 under chairman ship of Provincial Minister for Law and Parliamentary Affairs to review the legal frame work for the grant of minor mineral leases to curb the cartelization in district Sargodha. This committee introduced a new legal regime by making amendments in Punjab Mining Concession Rules 2002 and also directed to bifurcate larger size blocks into smaller blocks on their expiry/surrender. Sandstone block (A)/110 having area 340.63 acres is going to expire on 31-01-2019 and possession of area will be taken over on 01-02-2019. Keeping in view the direction of the said committee old sandstone block no.(A)/110 has been divided into two blocks namely (1-A)/110 & (1-B)/110 having area of 165.25 acres & 175.37 acres respectively. So the bidding history of sandstone block (A)/110 has been divided two equal parts for calculation of reserve price. Accordingly Reserve price calculation for new sandstone block (1-B)/110 is given below:

1	*Last highest operative bid for 05 years during last 6.5 years Last highest operative bid for 03 years during last 6.5 years Last highest operative bid for 03 years during last 6.5 years for half of block	= Rs: 1,33,00,000/- =Rs: 1,02,30,769/- = Rs: 51,15,385/-
2	An average of all received bids for 05 years during last 6.5 years (50,00,000+75,00,000+81,00,000+1,05,00,000+1,10,00,000+1,20,05,000+1,25,06,000+1,30,12,000+1,30,12,000+1,00,00,000+1,05,00,000+1,33,00,000)/12	= Rs.1,05.36,250 -
	For three years= Rs: 1,05,36,250/- X 3/5 For half of block area= 63,21,750/2	= Rs: 63,21,750/- = Rs: 31,60,875/-
3	Average receipts per 03 years for last 6.5 years [(1,33,00,000)/2] X3/(2x3.25) For half of the block= Rs. 30,69,231/2	= Rs,30,69,231/- = Rs,15,34,616/-
4	An average of above $(1),+(2)+(3)/3$	= Rs. 32,70.292/-
5	Proposed based price	= Rs. 51,15,385/-

Sr. No.	Major Factors	Maximum Weight- age (%)	Weight-ages assigned (%)	Calculated amount (in Rs)	
1	Geological survey, location of block and assessment of mineral in the block		0	0	
2	Quality of the minerals in the block		03	Rs.1,53,462/-	
3	Availability of access road to the blocks	Up to 20% of base price	06	Rs.3,06,923/-	
4	Accessibility to the market and consumption of the mineral in the block		06	RS.3,06,923/-	
5	Future potential of excavation from the block		05	Rs.2,55,769/-	
6	Any unique factor at the site of the block relevant for determining the reserve price	** 670%		Rs.3,42,73,080/-	
7	Location of surrounding blocks/ zones and its impact on the reserve price of this zone.	Subject block have available area for working about 67 acres out of 175.37 acres. Subject block also have 28 khats/pits on all sides of block. Following five other blocks			

Reserve price=total of contri	buting factor + basis	Price per three y Reserve Price	ears (Say)	SPC DV GV	,03,60,388/-
Proposed base price per three				0.000	51,15,385/
Total of contributing factors p	er three years.			Rs.3.	,52,45,003/-
	1-A/110 Newly Bifurcated 4,0 block			0,00,00,0	
	8/110	80,00,000	14,58		Province
<u></u>	7/110	7/110 3,02,00,000 40,00,000		.000	Punjab
	6/110	1,25,25,000	-		the

^{*} Subject block was fabricated on 23-06-2012 by merging 05 old sandstone blocks namely (1/110), (2/110), (3/110) (4/110) & (9/110) so bidding will be considered onward from 23-06-2012 for calculation of reserve price.

** Total area of the bloc is 175.37 acres out of which 67 acres is available for working Therefore, keeping in view the available area of the block 670% weightage is added to its base price.

> Deputy Director Mines & Minerals, Sargodha

Decision

The Special Expert Committee observed that adjacent blocks in the same area with the same access road and having same quality of mineral reserve namely 5/110, 6/110 and 7/110 are granted against the bids of Rs.20,02,00,000/-, Rs.1,25,25,000/- and Rs.3,02,00,000/- respectively, therefore, the committee decided to fix the reserve price under discussion block as Rs.10,00,00,000/-

> (MUHAMMAD ZAFAR JAVAID) DIRECTOR GENERAL MINES & MINERALS)

23.11.18

PUNJAB, LAHORE

(MUHAMMAD ZAFAR JAVAID) DIRECTOR LICENSING (MINOR MINERALS)

PUNJAB, LAHORE

(ALLAH YAR) DEPUTY SECRETARY (TECHNICAL) MINES & MINERALS DEPARTMENT LAHORE

(SYED ISHTIAQ HUSSAIN) DIRECTOR

RESOURSE MAPPING, DIVISION HEADQUARTER'S OFFICE, LAHORE

(CH. MUHAMMAD IRSHAD)

DEPUTY DIRECTOR (MINES & MINERALS)

SARGODHA

REPERVE PRICE OF SAND STONE BLOCK (1) NEAR CHAK NO. 107 S.B. DISTRICT SARGODHA.

Note: Sandstone Block No.(1)/107 created by merging old blocks (III)/107, (IV)/107 and (V)/107 and 1st time put to auction on 10-05-2012. So the bidding will be considered onward from 10-05-2012 for calculation of reserve price. Furthermore, it is necessary to mention here that area of the block is 221 acres but the block is completely exhausted due to extensive working and remaining area available is only 2.21 acres consisting upon small pieces of hill surrounded by saline water accumulated due to rain and seepage. Proper khats and faces for working are not available in the block. Therefore, if Special experts committee may consider appropriate, it may be deleted. However, its reserve price for consideration of the committee is also estimated.

1	Previous Approved Reserve Price	= Rs.6,60,000/-
1	Last highest operative bid for 05 years during last 6 years Last highest operative bid for 03 years during last 6 years	= Rs; 10,00,000/- = Rs: 6,00,000/-
2	An average of all received bids for 05 years during last 6 years (1,00,000+2,50,000+7,00,000+7,05,000+7,10,000+7,10,000+10,00,000+2,56,00,000)/8	= Rs.35.96.875 = Rs: 21,58,125/-
3	For three years= Rs: 35,96,875 /- X 3/5 Average receipts per 03 years for last 6 years	= Rs.12,53,379/-
W.	[(7,46,849+42,66,667)/2] X3/(2x4.5)	
4	An average of above $(2),+(3)+(4)/3$	= Rs: 13,37,168/-
5	Proposed Base Price.	= Rs: 6,00,000/-

Sr. No.	Major Factors	Maximum Weight- age (%)	Weight-ages assigned (%)	Calculated amount (in Rs)
1	Geological survey, location of block and assessment of mineral in the block		0	0
2	Quality of the minerals in the block		04	24,000/-
3	Availability of access road to the blocks	Up to 20% of base price	04	24,000/-
4	Accessibility to the market and consumption of the mineral in the block		02	12,000/-
5	Future potential of excavation from the block			
6	Any unique factor at the site of the block relevant for determining the reserve price			*

Proposed base price per three years	Rs.6,00,000/
Resc. ve price=total of contributing factor + basis price per three years	Rs.6,60,000/-
Reserve Price (Say)	Rs.6,60,000/-
102	P

Deputy Director Mines & Minerals, Sargodha

Decision

The Committee considered the proposal of Deputy Director Mines & Minerals, Sargodha and witnessed the pictorial images of the area of the block. The block is completely surrounded by deep saline water and it has no other access/approach to the block. Therefore, the committee recommended the block for its deletion from the future auctions. Further necessary action will be taken by the Deputy Director Mines & Minerals, Sargodha accordingly.

(MUHAMMAD ZAFAR JAVAID) DIRECTOR GENERAL (MINES & MINERALS) PUNJAB, LAHORE

(MUHAMMAD ZAFAR JAVAID) DIRECTOR LICENSING (MINOR MINERALS) PUNJAB, LAHORE

(ALLAH YAR)
DEPUTY SECRETARY (TECHNICAL)
MINES & MINERALS DEPARTMENT
LAHORE

(SYED ISHTIAQ HUSSAIN)
DIRECTOR
RESOURSE MAPPING, DIVISION
HEADQUARTER'S OFFICE, LAHORE

(CH. MUHAMMAD IRSHAD) DEPUTY DIRECTOR (MINES & MINERALS) SARGODHA

RESERVE PRICE OF ORDINARY SAND ZONE NO.8 NEAR BADRANIAN TEHSIL & DISCRICT SARGODHA.

Note: Subject zone was fabricated on 30-03-2016 by including new sand bearing areas in old ord.sand block (1) Badranian. Subject zone 1st time fetched bid Rs.1.32.50,000/- on 11-04-2016.

1	Previous Approved Reserve Price	= Rs.81,50,125/-
1	Previous Approved Bid	Rs. 1,70,10,000/ Lease was cancelled on 23-10- 2018 due to nonpayment of 2 nd installment
2	An average of all received bids for 02 years during last 3 years (1,32,50,000+1,70,10,000)/2	= Rs.1,51,30,000 /-
3	Average receipts per 02 years for last 3 years (33,12,500+42,52,500)/1.5	= Rs.50,43,333/-
4	An average of above $(2),+(3)+(4)/3$	= Rs: 67,25,444/-
5	As result of last approved bid of Rs.1,70,10,000/- an amount of Rs.42,52,400/- has been remitted to Govt, exchequer. Therefore, proposed base price	= Rs: 42,52,400/-

Sr. No.	Major Factors	Maximum Wo age (%)	100	Weigh assig (%	ned		ed amount rRs)								
1	Geological survey, location of block and assessment of mineral in the block											0			0
2	Quality of the minerals in the block	Up to 20% of base price			06		5,150/-								
3	Availability of access road to the blocks					2,97,675/-									
4	Accessibility to the market and consumption of the mineral in the block			0+	1	1,70),100/-								
5	Future potential of excavation from the block			03	3	1,27,575/-									
6	Any unique factor at the site of the block relevant for determining the reserve price														
7	Location of surrounding blocks/ zones and its impact on the reserve price of this zone.	In 10KM radi	bids, re	eserve pr	ice and	consumpti									
		Block No.	Bid Mo	ney (Rs)	Reserve	Price (Rs)	Market								
		Ord sand zone Saghryawala	1,31	000,000	1,09,70,000		Faisalabad. Chiniot Lalian								
		Ord sand Zone Up- stream Chiniot	30.01.	-/000,10,	22.13	-\00.000/-	Chimiet & Laisalabad								
		Ord Sand Zone (8) Badranian		Since 23- 0-18		8	Sargodha city & nearby villages								
		Ord.sand zone Faislabad road cities. So it ha Chiniot. When leading from flood season, o	and it as more eas ord Sargod lumper	is also c e impact l.sand zoo ha to Ka s load sa	loser to on ord ne (8) i andiwal nd fron	Chiniot & .sand zone is situated and only in the subject to the subject to the control of the subject to the su	E Faisalabad Dp-stream on the road during the set zone and								

Total of contributing factors per two years. Proposed pase price per two years		
Reserve price=total of contributing factor + basis price per three years		
Reserve Price (Say)	73,00,000/-	
Section 1	172.150.0010-1.1010	

Deputy Director Mines & Minerals, Sargodha

23.11.18

Decision

The Special Expert Committee considered the above reserve price estimated by the field office Sargodha and after through deliberation, Committee is agreed to approve the reserve price of Rs. 73,00,000/-for Ord. Sand Zone (8) near Badranian District Sargodha.

(MUHAMMAD ZAFAR JAVAID) DIRECTOR GENERAL (MINES & MINERALS) PUNJAB, LAHORE

(MUHAMMAD ZAFAR JAVAID) DIRECTOR LICENSING (MINOR MINERALS) PUNJAB, LANORE

(ALLAH YAR)
DEPUTY SECRETARY (TECHNICAL)
MINES & MINERALS DEPARTMENT
LAHORE

(SYED ISHTIAQ HUSSAIN)
DIRECTOR
RESOURSE MAPPING, DIVISION
HEADQUARTER'S OFFICE LAHORE

Lister

(CH. MUHAMMAD IRSHAD) DEPUTY DIRECTOR (MINES & MINERALS) SARGODHA

RESERVE PRICE OF SAND STONE BLOCK (3-B) NEAR CHAK NO. 123 S.B. DIS RICT SARGODHA.

Note: As per decision of the committee constituted by Chief Minister of the Punjab, sandstone block No.(3/123) having area of 76.16 acres was divided into two blocks namely sandstone block No.(3-A/123) and sandstone block No.(3-B/123). Area of sandstone block (3-A/123) is 36.12 acres and area of sandstone block (3-B/123) is 40.04 acres. Available area of sandstone block (3-B/123) is 15.58 acres.9 khats in this block are available for working. Previously reserve price of the subject block was approved as Rs.20.00.00.00.00./. After approval of the reserve price subject block was presented for auction but remained no bid in 12 consecutive auctions.

As per decision of the Cabinet committee that if any block remained "No Bid" in three (03) consecutive auctions, its Reserve Price may be put up for revision before the Special Expert Committee. As subject block remained "No Bid" in (12) consecutive auctions. Therefore, it is proposed that previous approved Reserve Price may be revised and reduced up to 20%.

Therefore, new proposed reserve price = $20,00,00,000 - [20,00,00,000 \times (20/100)]$

= 20,00,00,000 - 4,00,00,000

= Rs.16,00,00,000/-

Deputy Director

Mines & Minerals, Sargodha

John

Decision

The Deputy Director Mines & Minerals, Sargodha intimated that on account of decrease in demand of crush in the market, bids are not receiving for these blocks at earlier approved reserve price of Rs.20,00,00,000/- which may be reduce to attract the bidders. The committee was of the view that only demand factor is not sufficient to reduce the reserve price as the demand can increase at any time. Therefore, the committee decided to retain the earlier approved reserve price of Rs.20,00,00,000/- for this block.

(MUHAMMAD ZAFAR JAVAID)

DIRECTOR GENERAL (MINES & MINERALS)

23.11.18

PUNJAB, LAHORE

(MUHAMMAD ZAFAR JAVAID) DIRECTOR LICENSING (MINOR MINERALS)

PUNJAB, LAHORE

(SYED ISHTIAQ HUSSAIN)

DIRECTOR RESOURSE MAPPING, DIVISION

HEADQUARTER'S OFFICE, LAHORE

(ALLAH YAR)
DEPUTY SECRETARY (TECHNICAL)
MINES & MINERALS DEPARTMENT

(CH. MUHAMMAD IRSHAD) DEPUTY DIRECTOR (MINES & MINERALS)

RESERVE PRICE OF SAND STONE BLOCK (4-B) NEAR CHAK NO. 123 S.B. DIS RICT SARGODHA.

Note: Cabinet committee decided that if any block remained "No Bid" in three (03) consecutive auctions its Reserve Price may be put up for revision before the Technical Expert Committee. Previously reserve price of the subject block was approved as Rs. 18.20.00.000/-. After approval of the Reserve Price subject block was presented for auction but remained "No Bid" in (12) consecutive auctions. Therefore, it is proposed that previous approved Reserve Price may be revised and reduced up to 20%.

Therefore, new proposed reserve price = $18,20,00,000 - [18,20,00,000 \times (20/100)]$

= 18,20,00,000 - 3,64,00,000

= Rs.14,56,00,000/-

Deputy Director Mines & Minerals, Sargodha

23.11.18

Johns

Decision

The Deputy Director Mines & Minerals, Sargodha intimated that on account of decrease in demand of crush in the market, bids are not receiving for these blocks at earlier approved reserve price of Rs.18,20,00,000/- which may be reduce to attract the bidders. The committee was of the view that only demand factor is not sufficient to reduce the reserve price as the demand can increase at any time. Therefore, the committee decided to retain the earlier approved reserve price of Rs.18,20,00,000/- for this block.

(MUHAMMAD ZAFAR JAVAID)

DIRECTOR GENERAL (MINES & MINERALS)

PUNJAB, LANORE

(MUHAMMAD ZAFAR JAVAID)

DIRECTOR LICENSING (MINOR MINERALS)

PUNJAB, LAHORE

(SYED ISHTIAQ HUSSAIN)

DIRECTOR

RESOURSE MAPPING, DIVISION

HEADQUARTER'S OFFICE, LAHORE

(ALLAH YAR)
DEPUTY SECRETARY (TECHNICAL)
MINES & MINERALS DEPARTMENT
LAHORE

(CH. MUHAMMAD IRSHAD) DEPUTY DIRECTOR (MINES & MINERALS)

SARGODHA

RESERVE PRICE OF SAND STONE BLOCK (13) NEAR CHAK NO. 126 S.B. DIS RICT SARGODHA.

1	Previous Approved Reserve Price	= Rs.11,20,00,000/-
	Previous Approved Bid	= Rs.75,00,00,000/ lease cancelled due to nonpayment the balance amount of 4 th installment.
1	Last highest operative bid for 05 years during last 9 years	= Rs: 3,50,00,000/-
	Last highest operative bid for 03 years during last 9 years	= Rs: 2,10,00,000/-
2	An average of all received bids for 05 years during last 9 years (3,50,00,000+75,00,00,000)/2	= Rs.39,25,00,000/-
	For three years= Rs: 39,25,00,000/- X 3/5	= Rs: 23,55,00,000/-
3	Average receipts per 03 years for last 9 years	= Rs.8,33,88,889/-
	[(3,50,00,000+46,53,33,333)/2] X3/(2x4.5)	
4	An average of above $(2),+(3)+(4)/3$	= Rs: 11,32,96,296/-
5	As result of bid of Rs.75,00,00,000/- an amount of Rs. 46,53.33,333/- has been realized which is taken as base price.	= Rs: 46,53,33,333/-

Sr. No.	Major Factors	Maximum Weight- age (%)		Weight-ages assigned (%)		Calculated amoun (in Rs)	
1	Geological survey, location of block and assessment of mineral in the block			0			0
2	Quality of the minerals in the block	Up to 20% of base price		06		2,79,20,000/-	
3	Availability of access road to the blocks			05		2,32,66,667/-	
4	Accessibility to the market and consumption of the mineral in the block			05		2,32,66,667/-	
5	Future potential of excavation from the block			04	04 1,86,		3,333/-
6	Any unique factor at the site of the block relevant for determining the reserve price						
7	Location of surrounding blocks/ zones and its impact on the reserve price of this zone.	out of 34 ree faces of its locality, value depo	k have an area available for working about of 34.56 acres. Subject block also have 2 to faces of the block. Following eight blocks are locality, adjacent to each other but each block also depending upon quality of stone, available ther of khats/ pits in the block.				
		Block No.	Bid Money (Rs)		Reserve Price (Rs)		Market
		10-A/126	21,06,00			00,000/-	
		10-B/126	30,01.00	The state of the s		DO STORY OF THE PARTY OF THE PA	
		11+12- A+B/1/126	23,51,00	,000/-		00,000/-	All over

16/126 4,51,00,000/- 4,32,0	00,000/-
Tot. of contributing factors per three years.	9,30,66,667/-
Proposed base price per three years	46,53,33,333/-
Reserve price=total of contributing factor + basis price per three years	55,84,00,000/-
Reserve Price (Say)	55,84,00,000/-

Deputy Director Mines & Minerals, Sargodha

Decision

The Special Expert Committee considered the above reserve price estimated by the field office Sargodha and after through deliberation, Committee is agreed to approve the reserve price of Rs. 55,84,00,000/-for Sand Stone Block (13) near Chak No. 126 S.B. District Sargodha.

(MUHAMMAD ZAFAR JAVAID)
DIRECTOR GENERAL MINES & MINERALS)
PUNJAB, LAHORE

(MUHAMMAD ZAFAR JAVAID) DIRECTOR LICENSING (MINOR MINERALS) PUNJAB, LAHORE

(ALLAH YAR)
DEPUTY SECRETARY (TECHNICAL)
MINES & MINERALS DEPARTMENT
LAHORE

(SYED ISHTIAQ HUSSAIN)
DIRECTOR
RESOURSE MAPPING, DIVISION
HEADQUARTER'S OFFICE, LAHORE

(CH. MUHAMMAD (RSHAD)
DEPUTY DIRECTOR (MINES & MINERALS)
SARGODHA