

Table 2.--Analyses of Lakhra coals.

Lab and no.	Location and bed	Basis	Proximate analysis (percent)				Ultimate analysis (percent)					Btu per lb.	Other
			Moisture	Volatile matter	Fixed carbon	Ash	H	C	N	O	S		
USBM ¹ / H-51788	North face Lailian Colliery	AR	31.8	30.0	29.2	9.0	6.8	42.1	0.8	38.0	3.3	7,530	Non-caking. Ash fuses at 2520° -2680°F.
		MF	--	43.9	42.9	13.2	4.8	61.7	1.1	14.3	4.9	11,050	
		MAF	--	50.6	49.4	--	5.5	71.7	1.3	16.4	5.7	12,730	
USBM H-45314	Northwest entry Lailian Colliery Lailian bed	AR	31.8	30.8	30.0	7.4	6.8	43.0	0.8	38.4	3.6	7,660	Non-Caking; ash fuses at 2620° -2730° F.
		MF	--	45.1	44.1	10.8	4.9	63.1	1.2	14.7	5.3	11,230	
		MAF	--	50.6	49.4	--	5.4	70.7	1.3	16.6	6.0	12,590	
USBM H-33049	Lailian Colliery 100 ft W. of pump shaft	AR	39.4	25.3	20.7	14.6	6.4	28.8	0.6	47.8	1.8	4,630	Ash initial deformation temperature 2910°F.
		MF	--	41.8	34.0	24.2	3.4	47.4	1.0	21.1	2.9	7,640	
		MAF	--	55.1	44.9	--	4.4	62.5	1.3	28.0	3.8	10,080	
USBM H-51789	Drill hole L16 Lailian bed	AR	35.7	28.0	25.8	10.5	7.0	38.7	0.7	39.3	3.8	7,010	Non-caking. Ash fuses at 2000° -2260°F.
		MF	--	43.5	40.1	16.4	4.7	60.3	1.1	11.5	6.0	10,910	
		MAF	--	52.0	48.0	--	5.7	72.1	1.3	13.8	7.1	13,040	
USBM J-37993	Khan Coal Mine (northern part of coal field)	AR	27.7	26.2	22.7	23.4	5.6	33.3	0.6	30.6	6.5	6,040	Ash initial deformation temperature 2100°F.
		MF	--	36.3	31.4	32.3	3.6	46.1	0.8	8.2	9.0	8,360	
		MAF	--	53.6	46.4	--	5.3	68.1	1.2	12.1	13.3	12,350	
USBM J-37989	Indus Coal Co. (about 2 mi. south of Khan Mine)	AR	24.3	29.5	26.3	19.9	5.7	38.7	0.7	29.4	5.6	7,020	Ash initial deformation temperature 2060°F.
		MF	--	38.9	34.8	26.3	3.9	51.1	1.0	10.3	7.4	9,280	
		MAF	--	52.9	47.1	--	5.3	69.4	1.3	13.9	10.1	12,600	
USBM J-37987	Habibullah Coal Co. (central part of coal field)	AR	31.0	29.2	26.4	13.4	6.3	38.8	0.8	36.3	4.4	6,900	Ash initial deformation temperature 1940°F.
		MF	--	42.4	38.1	19.5	4.2	56.2	1.1	12.6	6.4	10,000	
		MAF	--	52.6	47.4	--	5.2	69.8	1.4	15.6	8.0	12,410	
USBM J-37990	Baluchistan Coal Co. (south-central part of field)	AR	30.0	27.7	26.8	15.5	6.2	38.4	0.8	35.9	3.2	6,770	Ash initial deformation temperature 2080°F.
		MF	--	39.5	38.3	22.1	4.1	54.8	1.1	13.4	4.5	9,670	
		MAF	--	50.8	49.2	--	5.3	70.3	1.4	17.2	5.8	12,410	
GSP 2/ 1162(4)	Drill hole L1 Lailian bed	AD	6.5	37.3	38.8	17.4	--	--	--	--	4.6	--	--
		MF	--	39.9	41.5	18.6	--	--	--	--	4.9	--	--
		MAF	--	49.0	51.0	--	--	--	--	--	6.0	--	--
GSP 1162(1)	Drill hole L3 Lailian bed	AD	7.4	42.8	39.8	10.0	--	--	--	--	3.2	--	--
		MF	--	46.2	43.0	10.8	--	--	--	--	3.5	--	--
		MAF	--	51.8	48.2	--	--	--	--	--	3.9	--	--
GSP 1162(2)	Drill hole L3 7-ft bed at 398-ft depth	AD	7.2	39.1	35.1	18.6	--	--	--	--	5.8	--	--
		MF	--	42.0	37.9	20.1	--	--	--	--	6.3	--	--
		MAF	--	52.7	47.3	--	--	--	--	--	7.8	--	--
GSP 1162(3)	Drill hole L3 3-ft bed at 453-ft depth	AD	5.5	42.8	38.2	13.5	--	--	--	--	4.9	--	--
		MF	--	45.3	40.4	14.3	--	--	--	--	5.2	--	--
		MAF	--	52.8	47.2	--	--	--	--	--	6.0	--	--
GSP 1162(5)	Drill hole L4 Lailian bed	AD	8.8	36.7	29.5	25.0	--	--	--	--	2.1	--	--
		MF	--	40.3	32.3	27.4	--	--	--	--	2.3	--	--
		MAF	--	55.5	44.5	--	--	--	--	--	3.2	--	--

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This report is preliminary and has
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conformity with Geological Survey
standards or nomenclature.

¹/ USBM, analysis by the U. S. Bureau of Mines, Pittsburgh, Pennsylvania.

²/ GSP, analysis by the Geological Survey of Pakistan, Quetta, Pakistan.

Basis: AD, air dried; AR, as received(moist) sample; MF, moisture free; MAF, moisture and ash free.