

Department of Mines, India.

REPORT

OF THE

CHIEF INSPECTOR OF MINES IN INDIA

Under the Indian Mines Act (VIII of 1901)

FOR THE

YEAR ENDING 31st DECEMBER

1907

BY

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CALCUTTA

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APPENDIX I.

Fatal Accidents, 1907.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
EXPLOSIONS OF FIRE-DAMP—(5 deaths).						
1	29th April, 2 P.M.	Borrea Mine, Sitarampur P. O., Burdwan, Bengal.	New Beerbhun Coal Co., Ltd.	Bistu Roy, (m.), 25, Coal-cutter.	Coal	The deceased and his mate were going to their ordinary working place, which was about 20' beyond a dyke, when close to their destination some fire-damp exploded and burnt them both, from the effects of which Bistu died eleven days later. See Report, page 5. Inspection and inquiry made.
2	20th May, 5 A.M.	Dishargarh Mine, Dishargarh P. O., Burdwan, Bengal.	Equitable Coal Co., Ltd.	Nursing Majhi, (m.), 30, Coal-cutter.	Coal	Whilst working at the face of a level, the deceased lifted his naked light up towards the roof and ignited a little fire-damp which burnt him so severely that he died six days later. See Report, page 5. Inspection and inquiry made.
3	15th July, 9-30 A.M.	Laikidih Mine, Barakar P. O., Manbhun, Bengal.	Bengal Coal Co., Ltd.	Sitaram Bauri, (m.), 28, Goyaram Bauri, (m.), 27, Dapu Bauri, (m.), 30, Coal-cutters.	Coal	Four men went to work at the roof of a rise gallery where a little fire-damp had accumulated during the time some sheeting that directed the air had been broken down by falling stones. In some unascertained way the fire-damp was ignited and the men were burnt by the explosion. Sitaram and Dapu died the next day and Goyaram the day after. The fourth man recovered. See Report, page 5. Inspection and inquiry made.
FALLS OF ROOF AND SIDE—(57 deaths).						
<i>(a) Falls of roof—(29 deaths).</i>						
4	7th January, 11-30 A.M.	Chota Dhemu Mine, Dishargarh P. O., Burdwan, Bengal.	Rai Ram Bandhu Chatterji, Bahadur.	Rameswar Bauri, (m.), 45, Coal-cutter.	Coal	The deceased was loading coal in his working place, under overhanging roof coal, when a large quantity of the roof coal fell on his left leg fracturing it badly. He died from the injuries received on the same day. See Report, page 6. Inspection and inquiry made.
5	17th February, 4-30 P.M.	Koorwa Mine, Chakai P. O., Monghyr, Bengal.	D. C. Biswas & Co.	Chhatka Manjhi, (m.), 35, Coolie.	Mica	Killed by a fall of roof.
6	19th February, 11 A.M.	Namdang Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Railways and Trading Co., Ltd.	Bhagirathi, (m.), 30, Coal-cutter.	Coal	A "bump" occurred dislodging some roof coal which struck deceased on the head causing fatal injuries.
7	26th February, 3-45 A.M.	Shampur Mine, Nirsachatti P. O., Manbhun, Bengal.	Shampur Coal Co., Ltd.	Bhadru Mahato, (m.), 28, Chaitan Harri, (m.), 31, Coal-cutters.	Coal	The two deceased went, apparently without orders, to cut some roof coal in an old gallery when a large quantity of the coal fell on them and killed them outright. Inspection and inquiry made.

APPENDIX I—contd.

Fatal Accidents, 1907—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDE—contd.						
(a) Falls of roof—contd.						
8	26th February, 1-30 P.M.	Khuldia Mine, Giridih P. O., Hazariabagh, Bengal.	Bengal Coal Co., Ld.	Churki Ghat- varin, (f.), 26, Coal-carrier.	Coal	Whilst loading coal in a working place, a piece of roof stone fell and knocked down a prop which struck the deceased and injured her internally so seriously that she died within two hours. Inspection and inquiry made.
9	28th February, 2 P.M.	Namdang Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Rail- ways and Trading Co., Ld.	Mangal, (m.), 25, Coal-cutter.	Coal	Deceased was reducing a pillar when a "bump" occurred and a piece of coal burst out from the pillar from a "slip" striking him and causing fatal injuries.
10	3rd March, 2 A.M.	Kustore Mine, Kusunda P. O., Manbhurn, Bengal.	Raniganj Coal Association, Ld.	Peary Chamain, (f.), 22, Coal-carrier.	Coal	A fall took place in a gallery situated between two pillars which were being got and in the goaf. The fall extended to just beyond the fence which was fencing off the goaf from the workpeople. Deceased's body was recovered at the fence. She was probably sleeping at the time. Inspection and inquiry made.
11	20th April, 5 P.M.	Khudia Mine, Nirsachatti P. O., Manbhurn, Bengal.	S. B. Chatterji	Pana Bauri, (m.), 16, Water-bailer.	Coal	The deceased was found dead under a large fall of roof stone at the end face of a gallery that was fenced off. Inspection and inquiry made.
12	18th May, Midday.	East Ledo Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Railways and Trading Co., Ld.	Kali Kahar, (m.), 25, Filler.	Coal	Whilst filling coal into a basket some roof coal fell on him injuring him so severely that he died two days later.
13	20th May, 3-30 P.M.	Takrai Mine, Khest P. O., Sibi, Baluchistan.	North-Western Railway.	Hari Ram, (m.), 19, Mine mate.	Coal	The deceased went and lay down in an unsecured place in the goaf when a piece of shale, 20lb. in weight, fell on him from the roof causing concussion of the brain from which he died the next day.
14	13th June, 3 P.M.	Baromashia Mine, Bamdah P. O., Monghyr, Bengal.	Hazarimal Mar- wari.	Anund Rana, (m.), 45, Rasika Mauzy, (m.), 40, Miners.	Mica	Killed by a fall of roof while working without permission in an abandoned working.
15	15th June, 11 A.M.	Dandot Mine, Dandot P. O., Jhelum, Panjab.	Government of India.	Hasham Ali, (m.), 22, Miner.	Coal	Whilst he was executing some repairs, a fall of roof took place injuring him so seriously that he died on the 7th July.
16	2nd July, 9 A.M.	East Ledo Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Rail- ways and Trading Co., Ld.	Ram Charan Napit, (m.), 33, Filler.	Coal	A piece of roof coal struck him on the head and fractured his skull. He died the following day.
17	4th July, 10 A.M.	Namdang Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Rail- ways and Trading Co., Ld.	Monglu, (m.), 27, Filler.	Coal	The deceased was picking coal while a narrow heading was being cut in soft coal, when the heading suddenly collapsed, burying the man completely and suffocating him.
18	5th July, 2 P.M.	Aldih Mine, Sitarampur P. O., Burdwan, Bengal.	Aldih Coal Co., Ld.	Bhogta Majhi, (m.), 35, Coal-cutter.	Coal	Killed by a fall of roof stone whilst robbing coal in a fenced off gallery. Inspection and inquiry made.

APPENDIX I—contd.

Fatal Accidents, 1907—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDE—contd.						
(a) Falls of roof—contd.						
19	8th July, 10 A.M.	Borrea Mine, Sitarampur P. O., Burdwan, Bengal.	New Beerbhun Coal Co., Ltd.	Jadu Majhi, (m.), 15, Coal-cutter.	Coal	As he was going to his working place some roof stone fell, a portion of which struck him on the lower part of the body and injured him so seriously, internally, that he died in about an hour's time. Inspection and inquiry made.
20	2nd August, 7-30 A.M.	Kabulayatkatti Mine, Kabulayatkatti P. O., Dharwar, Bombay.	Dharwar Reefs Co., Ltd.	Nanjunda, (m.), 35, Hand-drill coolie.	Gold	Whilst deceased and three others were clearing the end of a level preparatory to boring, some loose earth fell and struck him, causing injuries through the effects of which he died shortly afterwards.
21	14th August, 2-45 P.M.	Kabulayatkatti Mine, Kabulayatkatti P. O., Dharwar, Bombay.	Dharwar Reefs Co., Ltd.	Marapen, (m.), 25, Kavery, (m.), 25 Hand-drill coolies.	Gold	The deceased were drilling in a stope when a portion of the roof fell and crushed them.
22	26th September, 11 A.M.	Jogta Mine, Sijua P. O., Manbhun, Bengal.	Agabeg Bros.	Suku Majhain, (f.), 18, Coal-carrier.	Coal	A piece of coal fell from the roof on to her leg while filling her basket. Blood poisoning supervened and she died on the 2nd October.
23	1st October, Between 9 and 10 A.M.	East Kurkend Mine, Kusunda P. O., Manbhun, Bengal.	Marine Coal Co., Ltd.	Kanna Majhi, (m.), 18, Coal-carrier.	Coal	His leg was broken by a piece of roof stone falling on it. Died from its effects on the 3rd October.
24	4th October, 2 P.M.	Upper Ledo Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Rail- ways and Trading Co., Ltd.	Bhabrini, (f.), 22, Filler.	Coal	A big "bump" occurred dislodging about 20 tons of fine coal which completely buried the deceased, and suffocated her to death.
25	30th October, 2 P.M.	Kenwadih Mine, Jharia P. O., Manbhun, Bengal.	East Indian Coal Co., Ltd.	Thakur Mahto, (m.), 25, Miner.	Coal	He was standing on a trestle in one gallery cutting roof coal into the mouth of another gallery, when a large mass of roof coal fell, knocking over the trestle and injuring him so seriously that he died on reaching the surface. Inspection and inquiry made.
26	30th October, 5 A.M.	Bhaga Mine, Jharia P. O., Manbhun, Bengal.	Jharia Colliery Co., Ltd.	Koka Majhi, (m.), 22, Miner.	Coal	The deceased was working with other miners digging floor coal, when a piece of coal of about 3 feet square and 1 foot thick fell out of the roof and on him. Inspection and inquiry made.
27	18th November, 5 P.M.	Charnock Mine, Asansol P. O., Burdwan, Bengal.	Charnock Col- lieries, Ltd.	Mangal Santal, (m.), 18, Miner.	Coal	Killed by a large block of top coal whilst taking out bottom coal.
28	3rd December, 5 P.M.	Khas Jharia Mine, Jharia P. O., Manbhun, Bengal.	Khas Jharia Colliery Co., Ltd.	Robi Mullick, (m.), 24, Coal-cutter.	Coal	He was standing on a stool ripping up into some roof coal, when a large piece fell on him injuring him so severely that he died within a few minutes. See Report, page 6. Inspection and inquiry made.

APPENDIX I—*contd.*Fatal Accidents, 1907—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
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FALLS OF ROOF AND SIDE—*contd.*(a) Falls of roof—*concl'd.*

29	7th December, 4-30 P.M.	Central Kurkend Mine, Kusunda P. O., Manbhurn, Bengal.	Central Kur- kend Coal Co., Ltd.	Charki Kola, (<i>f.</i>), 21, Coal-carrier.	Coal	Killed by a fall of roof coal. <i>See Report, page 6.</i> Inspection and inquiry made.
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(b) Falls of side—(28 deaths.)

30	4th January, 3 P.M.	Bhaga Mine, Jharia P. O., Manbhurn, Bengal.	Jharia Colliery Co., Ltd.	Podo Mullick, (<i>m.</i>), 30, Bepin Bauri, (<i>m.</i>), 36, <i>Miners.</i>	Coal	These men were loading coal, which had been "dropped" from a pillar, which was being got. It is uncertain whether they were killed by more coal suddenly falling, or by coal which was found, fallen from the pillar opposite. If from the latter, they were probably robbing it. <i>See Report, page 6.</i> Inspection and inquiry made.
31	24th January, 5 P.M.	Chirki Mine, Kodarma P. O., Hazariabagh, Bengal.	The Acme Mica Co. (E. M., and W. T. Floyd).	Muruth Gope, (<i>m.</i>), 30, <i>Sirdar.</i> Tuckri Teli, (<i>m.</i>), 16, Lillu Teli, (<i>m.</i>), 28, Bhyru Gope, (<i>m.</i>), 20, Jhurri Manjhi, (<i>m.</i>), 30, <i>Coolies.</i>	Mica	Ten men were working in a narrow trench in the bottom of a quarry, when a fall occurred from the side burying them in the trench. Five were got out alive and the remaining five dead, probably suffocated. <i>See Report, page 7.</i> Inspection and inquiry made.
32	7th April, 6 A.M.	Jharia Khas Mine, Jharia P. O., Marbhurn, Bengal.	Standard Coal Co., Ltd.	Chumto Dhobi, (<i>m.</i>), 30, <i>Miner.</i>	Coal	He was filling coal with others at a pillar which had been "dropped," and after taking coal to the surface, for some reason of his own appears to have gone down another road, over a fence. The overman heard some coal "working" and shouted out "run, run." Deceased ran up towards the others, but the coal fell on him killing him instantly. Inspection and inquiry made.
33	23rd April, 10-30 A.M.	Tikak Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Rail- ways and Trading Co., Ltd.	Arjoon, (<i>m.</i>), 24, <i>Filler.</i>	Coal	Killed by a lump of coal that fell on him while clearing rubbish.
34	1st May, 8-30 A.M.	Miragpur Mine, Kamptee P. O., Nagpur, Central Provinces.	Central India Mining Co., Ltd.	Sukia, (<i>m.</i>), 35, <i>Miner.</i>	Manganese	The deceased was working with a crowbar in a slightly overhanging cutting of thinly bedded ore 7 feet high, when about two feet of the upper portion fell over and killed him on the spot. <i>See Report, page 7.</i> Inspection and inquiry made.
35	7th May, 6-30 P.M.	Binadikatta Mine, Shamdi P. O., Burdwan, Bengal.	Bidhu Bhusan Sarkar.	Kamini Baurini, (<i>f.</i>), 22, <i>Earth-carrier.</i>	Coal	Killed by a fall of side while picking coal for her own use. Inspection and inquiry made.

APPENDIX I—*contd.*Fatal Accidents, 1907—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
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FALLS OF ROOF AND SIDE—*contd.*(b) Falls of side—*contd.*

36	7th June, 11-45 P.M.	Gopalichak Mine, Jharia P. O., Manbhum, Bengal.	Gopalichak Coal Co., Ltd.	Fateh Majhi, (m.), 32, Miner.	Coal	The deceased and another man were found buried under a fall 18' × 15' × 3' which occurred on a tram-line level. Their tubs were found alongside empty. It was not their proper working place. They probably intended robbing coal. The injured man was taken away by his relatives. Inspection and inquiry made.
37	7th July, 6-30 A.M.	Choitodih Mine, Katragarh P. O., Jharia, Bengal.	Lutchipur Coal Co., Ltd.	Ratu Chamar, (m.), 30, Miner.	Coal	The deceased was working in an abandoned face of a gallery though warned to desist, when a piece of coal 3' × 2' × 1' fell from a height of about 9' injuring him and a girl. He died shortly afterwards from the effects of the injuries. Inspection and inquiry made.
38	19th July, 4-15 P.M.	Red Hill Mine, Mogok P. O., Ruby Mines District, Burma.	Burma Ruby Mines, Ltd.	Mi Kong, (m.), 40, Soupa, (m.), 17, Coolies.	Ruby	Several coolies were sloping down a bank of earth when the ground slipped from under them, Mi Kong lost his footing, rolled over, and was immediately buried and suffocated. Soupa stepped clear, but some fresh earth threw him down the bank and fractured his skull.
39	24th August, 7-30 P.M.	Faridpur Mine, Charanpur P. O., Burdwan, Bengal.	Poniati Coal Co.	Pocha Bauri, (m.), 20, Coal-cutter.	Coal	Killed whilst robbing a pillar in old workings, by about 80 maunds of coal falling on him. Inspection and inquiry made.
40	29th August, 7 P.M.	Taroktan Mine, Mogok P. O., Ruby Mines District, Burma.	Burma Ruby Mines, Ltd.	Low See, (m.), 28, Coolie.	Ruby	Whilst pushing trucks from the working face, a piece of rock broke off and fell on him fracturing his skull.
41	26th September, 5 A.M.	Brahmanbarari Mine, Jharia P. O., Manbhum, Bengal.	East Indian Coal Co., Ltd.	Garu Bauri, (m.), 21, Coal-cutter.	Coal	Whilst robbing a pillar in some old workings, a portion of its corner fell on him killing him on the spot. Inspection and inquiry made.
42	5th October, 12-30 P.M.	Hosur Mine, Kabulayatkatti P. O., Dharwar, Bombay.	Hosur Gold Mines of Dharwar, Ltd.	Yellishurur Goorappah, (m.), ? Surface Con- tractor.	Gold	Injured by a fall of side. Died later.
43	15th October, 5 P.M.	Mysore Mine, Kabulayatkatti P. O., Dharwar, Bombay.	Mysore Gold Mining Co., Ltd.	Mysore Chelviah, (m.), 32, Blaster Maistry.	Gold	Injured by a fall of side after blasting operation. Died the next day from the effects of the injuries received.
44	18th October, 6 o'clock.	Kabulayatkatti Mine, Kabulayatkatti P. O., Dharwar, Bombay.	Dharwar Reefs Co., Ltd.	Thirumalai, (m.), 45, Maistry.	Gold	After blasting operations loose rock from the face was being pinched out when a large piece fell on him causing severe injuries from the effects of which he died.

APPENDIX I—contd.

Fatal Accidents, 1907—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
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FALLS OF ROOF AND SIDE—contd.

(b) Falls of side—contd.

45	23rd October, 12-30 P.M.	New Surataur Mine, Jharia P. O., Manbhum, Bengal.	J. L. Banerji & Co.	Hingla Bauri, (m.), 35, Miner.	Coal	He was found severely injured under a large fall of coal from the side of a pillar in a fenced off place. He died about an hour later. See Report, page 7. Inspection and inquiry made.
46	18th November, 8-30 A.M.	Gowangotha Mine, Kamptee P. O., Nagpur, Central Provinces.	Jessop & Co., Ld.	Holu Gond, (m.), 23, Labourer.	Manganese	He came alone in the early morning and began prizing out loose portions of manganese from the vein with a crowbar. While he was filling these into a basket, a slab of impure ore which had been loosened by his work rolled over and crushed him to death. Inspection and inquiry made.
47	21st November, 3 P.M.	Kuordih Mine, Kalipahari P. O., Burdwan, Bengal.	Kuordih Coal Co., Ld.	Dharam Majhi, (m.), 19, Coal-cutter.	Coal	He failed to stand clear when his mate was wedging down a piece of under-cut coal weighing about a ton. The falling coal struck him and nearly tore off his arm. He died subsequent to the amputation of his arm. See Report, page 7. Inspection and inquiry made.
48	27th November, 10 A.M.	Kosamba Mine, Kamptee P. O., Nagpur, Central Provinces.	Central India Mining Co., Ld.	Denai Kole, (m.), 45, Miner.	Manganese	He was removing débris from an open cutting in loose earth, about 7 feet deep, when a boulder, weighing about half a ton, fell on him and inflicted injuries from which he died two days later. Inspection and inquiry made.
49	2nd December, 3 P.M.	Dewanjote Mine, Tisri P. O., Giridih, Bengal.	F. F. Chrestien & Co.	Kaghu Gope, (m.), 30, Coolie.	Mica	A fall of side took place while earth was being taken from the top to open out the mine, which struck him on the head and fractured his skull.
50	6th December, 5 P.M.	Sudriadih Mine, Nowagarh P. O., Manbhum, Bengal.	Sudriadih Coal Co., Ld.	Beliah Beldar, (f.), 12, Earth-carrier.	Coal	She was sitting with two other women in a new incline when some earth and soft coal 4' x 4' x 2' fell and buried and suffocated her. Inspection and inquiry made.
51	24th December, 1 P.M.	Bhalgora Mine, Jharia P. O., Manbhum, Bengal.	Bhalgora Coal Co., Ld.	Mistri Majhi, (m.), 26, Miner.	Coal	While engaged in extracting pillars, a large piece of roof coal came away and fell on him, causing such severe injuries that he died the same evening. Inspection and inquiry made.

IN SHAFTS—(21 deaths).

Ropes and chains breaking—(1 death).

52	24th May, 2-30 P.M.	Benahir Mine, Jharia P. O., Manbhum, Bengal.	Standard Coal Co., Ld.	Dhona Majhi, (m.), 30, Miner.	Coal	As a full bucket reached the top of a pit the rope broke and the bucket fell on him as he was standing at the pit bottom. He died three days later from the effects of the injuries received. See Report, page 8. Inspection and inquiry made.
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APPENDIX I—contd.

Fatal Accidents, 1907—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
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IN SHAFTS—contd.

Whilst ascending and descending by machinery—(3 deaths).

53	9th February, 5-30 P.M.	Muddih Mine, Katrasgarh P. O., Manbhum, Bengal.	Reliance Coal Co., Ltd.	Thakuri Gope, (m.), 31, <i>Sinker.</i>	Coal	The deceased and another man had been raised to the surface and while the trolley was being pushed underneath, he fell out of the bucket. No one actually saw him fall. He may have been trying to get on to the rim preparatory to getting off. Inspection and inquiry made.
54	17th May, 3 P.M.	Rajhara Mine, Rajhara P. O., Palamau, Bengal.	Bengal Coal Co., Ltd.	Yar Mahomed, (m.), 30, <i>Fitter.</i> Kumar Singh, (m.), 32, <i>Pump khalassi.</i>	Coal	The fitter was being raised up a shaft 100' deep, by means of a crab winch. He was within 15' of the surface when the rope broke and he fell to the bottom of the shaft and was killed. He fell upon the pump khalassi and killed him. The rope was badly worn and corroded internally. See Report, page 8. Inspection and inquiry made.

Falling into the shaft from the surface—(3 deaths).

55	21st March, 12-15 A.M.	Shampur Mine, Nirsachatti P. O., Manbhum, Bengal.	Shampur Coal Co., Ltd.	Behari Bauri, (m.), 20, <i>Banksman.</i>	Coal	Deceased appears to have fallen down the pit whilst working with the fence-gate removed, contrary to orders. Inspection and inquiry made.
56	9th August, 2-40 P.M.	Jamadoba Mine, Jharia P. O., Manbhum, Bengal.	Indian Collieries Syndicate, Ltd.	Babu Lal Roy, (m.), 30, <i>Fitter.</i>	Coal	The deceased was fastening a clamp for some pulley blocks during the raising of a pump when a hook of one of the winches broke and he was carried over the pit by the rope and killed. See Report, page 8. Inspection and inquiry made.
57	14th November, 4 P.M.	Begunia Mine, Barakar P. O., Budwan, Bengal.	N. L. Gorain and others.	Bistu Bauri, (m.), 40, <i>Engine khalassi.</i>	Coal	While unfastening a small 10' pulley from the top of the pit head gear, about 30' high, his feet slipped off the cross-iron tie rod on which he was standing and he fell down the pit into about 70' of water and was drowned. See Report, page 9. Inspection and inquiry made.

Falling from part of the way down—(7 deaths).

58	7th January, 4-30 P.M.	Bullhari Mine, Jharia P. O., Manbhum, Bengal.	Bullhari Coal Concern.	Domarku Lihu, (m.), 35, <i>Sinking Sirdar.</i>	Coal	The deceased had his foot on the hook whilst being drawn up a pit by means of a gin when apparently his foot slipped and he fell from nearly three-quarters of the way up and was killed instantly. Inspection and inquiry made.
59	19th March, 5 P.M.	Heratar Mine, Tisri P. O., Hazariabagh, Bengal.	F. F. Chrestien & Co.	Jungli Rai, (m.), 60, <i>Coolie.</i>	Mica	The deceased was climbing a ladder to come out of the mine when his foot slipped and he fell to the bottom. He died two hours later.
60	29th May, 10 A.M.	North Kustore Mine, Kusunda P. O., Manbhum, Bengal.	Kusunda and Nayadi Col- lieries, Ltd.	Behari Gope, (m.), 25, <i>Pump khalassi.</i>	Coal	He suddenly from some unexplained cause fell into the sump through a 6'-10" x 4'-12" opening in the staging at the pit bottom. Inspection and inquiry made.

APPENDIX I—contd.

Fatal Accidents, 1907—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
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IN SHAFTS—contd.

Falling from part of the way down—contd.

61	27th June, 9-45 A.M.	Sodapur Mine, Sitarampur P. O., Burdwan, Bengal.	Bengal Coal Co., Ltd.	Rakhal Majhi, (m.), 35, Coal-cutter.	Coal	The deceased and four others were descending a pit in a cage when it collided with the ascending cage. The consequent shock and tilting of the cage caused him to fall out and to the bottom of the pit, a depth of about 194 feet, where he was found quite dead. Inspection and inquiry made.
62	26th July, 6 A.M.	Anantapur Mine, Morriston P. O., Anantapur, Madras.	Anantapur Gold Field, Ltd.	Swamy, (m.), 36, Hand jumper maistry.	Gold	The deceased slipped and fell while climbing a ladder and fractured his skull.
63	5th August, 10-30 P.M.	Pretoria Mine, Charanpur P. O., Burdwan, Bengal.	Sibpur Coal Co., Ltd.	Mohan Kora, (m.), 40, Pumpman.	Coal	The deceased and three women were descending a shaft when the man fell to the bottom and was killed instantly. Inspection and inquiry made.
64	1st September, 4 A.M.	Chinchuria Mine, Asansol P. O., Burdwan, Bengal.	New Beerbhun Coal Co., Ltd.	Ram Charan Singh, (m.), 32, Sinker.	Coal	He was being lowered in the kibble and thinking that he had almost reached the bottom of the shaft, jumped out, falling a distance of about 20 feet. The injuries received were so serious that he died from their effects on the 15th September. Inspection and inquiry made.

Things falling from the surface—(2 deaths).

65	8th March, 2-30 P.M.	Sanctoria Mine, Dishargarh P. O., Burdwan, Bengal.	Bengal Coal Co., Ltd.	Chaitn Singh, (m.), 25, Stone-cutter.	Coal	The deceased with two others were working in an upcast shaft and were down about 300 feet from the surface. He leaned forward from the cage to see if they were in the proper place when something fell down the pit on to his head and fractured his skull, from the effect of which he died almost immediately. Inspection and inquiry made.
66	7th May, 7-30 P.M.	Sitalpur Mine, Sitarampur P. O., Burdwan, Bengal.	Bengal Coal Co., Ltd.	Lakhu Bauri, (m.), 20, On-setter.	Coal	Whilst the deceased and another man were pulling an empty tram from the pit cage at the pit bottom, a piece of coal fell down the pit, evidently from the loaded tram which had just been hauled up, and struck him on his head fracturing his skull. He died the next day. Inspection and inquiry made.

Things falling from part of the way down—(2 deaths).

67	19th March, 11 P.M.	Chinchuria Mine, Charanpur P. O., Burdwan, Bengal.	Baraboni Coal Concern, Ltd.	Meghnad Bauri, (m.), 21, Coolie.	Coal	Deceased was sending up the pit in a basket stones which had previously been loosened, when probably owing to careless hooking two of the hooks attaching the rope to the basket became detached and the basket tilting threw the contents on to his head. He died an hour later. Investigation and inquiry made.
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APPENDIX I—*contd.*Fatal Accidents, 1907—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
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IN SHAFTS—*contd.*Things falling from part of the way down—*contd.*

68	30th December, 10 A.M.	Mudidih Mine, Sijua P. O., Manbhum, Bengal.	Reliance Coal Co., Ltd.	Thanu Bhuia, (m.), 30, Sinker.	Coal	While some men were working at the bottom of a sinking shaft two or more small stones fell out of the side of the shaft, one of them killing Thanu and injuring another. See Report, page 9. Inspection and inquiry made.
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Miscellaneous—(3 deaths).

69	18th February, 10 P.M.	Bamundiha Mine, Sitarampur P. O., Burdwan, Bengal.	Damuda Coal Co., Ltd.	Choto Majhi, (m.), 24, Coal-cutter.	Coal	The deceased and eight others were being lowered into a pit in a cage when a corner of the cage got caught at a landing, 24 feet below the top landing. The opposite end tilted downwards and caused him to fall out and down the pit over 300 feet. See Report, page 9. Inspection and inquiry made.
70	14th March, 2-30 P.M.	Panchgatchia Mine, Sitarampur P. O., Burdwan, Bengal.	Lutchipur Coal Co., Ltd.	Khobilasay Pasin, (f.), 22, Bailor.	Coal	The deceased was wrongly going across the pit-bottom while the cages were in motion and the descending cage fell on her and killed her instantly. Inspection and inquiry made.
71	8th May, 4-30 P.M.	Sendra Mine, Katrasgarh P. O., Manbhum, Bengal.	Rai Srinath Pal Bahadur.	Jonab Sheik, (m.), 22, Khalassi.	Coal	He was in the pit on the pump platform and was tightening a nut. The wrench slipped, and he fell down 9 feet into 8 feet of water and was drowned. Inspection and inquiry made.

BY EXPLOSIVES—(11 deaths).

72	1st February, 12-30 P.M.	Brahmanbarari Mine, Jharia P. O., Manbhum, Bengal.	East Indian Coal Co., Ltd.	Sudabally Meah, (m.), 30, Sinker.	Coal	While eleven men were dressing the sides in a pit-bottom an explosion of dynamite occurred injuring two men, one of whom (the deceased) died the following night. See Report, page 9. Inspection and inquiry made.
73	26th February, 12 Noon.	Surataur Mine, Jharia P. O., Manbhum, Bengal.	K. B. Seal	Lal Moni Dhoba, (m.), 25, Head Sinker.	Coal	He had gone down a sinking shaft to fire four shots. Two fuses were two feet long, and two three feet long. By mistake he fired the two short fuses first. He had some difficulty in lighting the 3rd fuse, and the 1st fuse went off when he was being brought up and when he was only 6 feet from the bottom. He was thrown to the bottom of the pit and injured by the three other shots to such an extent that he died in four hours. Inspection and inquiry made.
74	6th March, between 9 and 10 A.M.	Harayah Mine, Kodarma P. O., Hazaribagh, Bengal.	F. F. Chrestien & Co.	Ramdala, (m.), 13½, Coolie.	Mica	The deceased was trimming an open lamp close to a box of gunpowder when a spark fell on the powder and caused an explosion. He was burnt so severely that he died on the 13th March.
75	21st May, 2-30 P.M.	Bhandawas Mine, Sanwar P. O., Ajmer, Rajputana.	R. B. Seth Sobh a g m a l Dhudha.	Gomanath, (m.), 35, Coolie.	Mica	Gunpowder was being handled in a shed on the surface when it exploded. Three men were burnt and Gomanath so seriously that he died two days afterwards. See Report, page 9. Inspection and inquiry made.

APPENDIX I—*contd.*Fatal Accidents, 1907—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
BY EXPLOSIVES—<i>contd.</i>						
76	16th August, 4 A.M.	Anantapur Mine, Morrison P. O., Anantapur, Madras.	Anantapur Gold Field, Ld.	Appiah, (m.), 46, Narasigadu, (m.), 25, <i>Coolies.</i>	Gold	During the temporary absence of the blaster, the deceased hammered at a rock which contained a "socket" that had missed fire. It exploded just then and injured them so severely that they died from the effects.
77	6th September, 2-30 A.M.	Dharwar Mine, Kabulayatkatti P. O., Dharwar, Bombay.	Dharwar Gold Mines, Ld.	Solomon, (m.), 40, <i>Maistry.</i>	Gold	The deceased and another man began drilling after the blaster had reported that all the holes previously set had fired. One, however, had missed fire and this exploded injuring both severely. Solomon died from the effects the same day.
78	11th September, 9 A.M.	Hosur Mine, Kabulayatkatti P. O., Dharwar, Bombay.	Hosur Gold Mines of Dharwar, Ld.	Daval Saib, (m.), 12, <i>Surface coolie.</i>	Gold	While blasting operations were in progress every one near by was ordered away, but deceased who was about 300 feet away behind the stores rushed out to see the explosives and was struck on the head by a piece of stone. He died half an hour later.
79	22nd October, 5 A.M.	Barkui Mine, Pench Valley P. O., Chhindwara, Central Provinces.	Pench Valley Coal Co., Ld.	Raghubir Noghana, (m.), 42, <i>Hewer.</i>	Coal	Against the sirdar's orders the deceased returned to his working place within a few minutes of the lighting of the fuse of a shot. He thought that a miss-fire had taken place, but no sooner had he reached the face than the shot exploded and he was killed on the spot. Inspection and inquiry made.
80	21st November, 12-30 P.M.	Chandametta Mine, Pench Valley P. O., Chhindwara, Central Provinces.	Pench Valley Coal Co., Ld.	Narbadi Noghani, (f.), 30, <i>Coal-carrier.</i>	Coal	A shot was fired in a bord just on the point of holing into the cross-cut; the deceased was filling coal and was struck on the head by the flying coal. The shot firer claimed to have warned every one. Inspection and inquiry made.
81	28th December, 4 A.M.	Jawatari Mine, Nawadah P. O., Gaya, Bengal.	Kanhaya Lal	Motia Mushar, (m.), 25, <i>Miner.</i>	Mica	He was coming out of the pit after charging a bore hole when the charge fired and a piece of stone struck him on the chest killing him.
IRRUPTIONS OF WATER OR FALLING INTO WATER—(4 deaths).						
82	9th April, 6-30 A.M.	Narsamuda Mine, Asansol P. O., Burdwan, Bengal.	Sitar a m p u r Coal Co., Ld.	Jogesar Bauri, (m.), 12, Ragha Baurini, (f.), 15, <i>Water-bailers.</i>	Coal	The deceased were bailing water during the night, and it appears they left off work and rambled into a gallery where a pumping engine was working and exhausting into a shallow sump full of hot water. The boy fell into this sump and the girl went in to get him out. Both were scalded and died some hours later. <i>See Report, page 9.</i> Inspection and inquiry made.
83	5th August, between 3 and 5 A.M.	Ganzlatar Mine, Katrargarh P. O., Manbhum, Bengal.	New Manbhum Coal Co., Ld.	Mottia Gope, (m.), 24, <i>Tramming coolie.</i> Suckai Gope, (m.), 35, <i>Dust-screener.</i>	Coal	Drowned by the overflowing of an adjacent river into the mine where the two deceased and another man were working unknown to anyone. <i>See Report, page 10.</i> Inspection and inquiry made.

APPENDIX I—*contd.*Fatal Accidents, 1907—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
SUFFOCATION BY GASES—(2 deaths).						
84	12th June, 3 P.M.	Sor Range Mine, Quetta P. O., Pishin, Baluchistan.	Khan Bahadur B. D. Patel, C.I.E.	Fateh Mahomed, (m.), 30, Coolie.	Coal	While he was working along with another man in a level close to some old workings which had been holed into a day or two previously, some carbon dioxide gas accumulated and put out their lights. The men ran towards the place from where fresh air was coming, but the deceased stumbled and fell and evidently was overcome by the gas and suffocated. <i>See Report, page 10.</i>
85	15th September, 11 P.M.	Benahir Mine, Jharia P. O., Manbhum, Bengal.	Standard Coal Co., Ltd.	Roshan Gope, (m.), 30, Sinker.	Coal	Deceased descended before his mates on a Sunday night after the pit had been idle all day, and was suffocated by carbonic acid gas at the pit bottom. <i>See Report, page 10.</i> Inspection and inquiry made.
HAULAGE—(10 deaths).						
86	4th February, 10 A.M.	Bhalgora Mine, Jharia P. O., Manbhum, Bengal.	Bhalgora Coal Co., Ltd.	Jiban Bauri, (m.), 28, Surface Hookman.	Coal	The deceased got caught through his own carelessness between a train of seven full tubs which was being lowered down to the wharf and another train of empty tubs which was standing on another tramway, and was injured so severely that he died 6 hours afterwards. Inspection and inquiry made.
87	26th February, 7 A.M.	Rampur Mine, Kalipahari P. O., Burdwan, Bengal.	S. T. Creet and Co.	Sobu Bauri, (m.), 25, Bottom Hookman.	Coal	He with three other men was attempting to lift a derailed coal wagon on to the line when the wagon overturned and crushed him against a coal pillar. He died on the 6th March from the effects of the injury. Inspection and inquiry made.
88	18th April, 10 A.M.	Chandametta Mine, Pench Valley P. O., Chhindwara, Central Provinces.	Pench Valley Coal Co., Ltd.	Nattu Kori, (m.), 24, Coal-cutter.	Coal	A train of tubs ran over him while he was in their way without a light and fractured his leg. Septic poisoning supervened. He died 3 or 4 days later. Inspection and inquiry made.
89	29th April, 11-45 A.M.	Ghusik Mine, Kalipahari P. O., Burdwan, Bengal.	S. T. Creet and Co.	Gorabini Baurini, (f.), 40, Coal-carrier.	Coal	Owing to the shearing of that portion of the frame of a coal tub to which the draw-hook was attached three tubs ran amain. The deceased was sitting near the crossing into a siding 375' down the plane. The tubs became derailed at the points, and she was struck by them and killed on the spot. The connection which broke was of weak construction and design. <i>See Report, page 11.</i> Inspection and inquiry made.

APPENDIX I—*contd.*Fatal Accidents, 1907—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
HAULAGE—<i>contd.</i>						
90	16th May, 10 A.M.	Kankani Mine, Sijua P. O., Manbhun, Bengal.	Eastern Coal Co., Ltd.	Munuku Tewari, (m.), 26, <i>Pit Munshi.</i>	Coal	The deceased was going down an incline when a train of eight empty tubs ran down amain, overtook him, knocked him down and killed him instantly. Inspection and inquiry made.
91	10th July, 11 A.M.	West Ledo Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Rail- ways & Trad- ing Co., Ltd.	Budram Mura, (m.), 30, <i>Rope-rider.</i>	Coal	Killed by being run over by tubs.
92	27th September, 9 P.M.	Namjang Mine, Margherita P. O., Lakhimpur, Eastern Bengal and Assam.	Assam Rail- ways & Trad- ing Co., Ltd.	Duku Bhumiz, (m.), 20, <i>Brakesman.</i>	Coal	The deceased omitted to place the stop-block in position and was run over by a loaded tub. He died about five hours after the accident.
93	27th September, 3 A.M.	Baraboni Mine, Asansol P. O., Burdwan, Bengal.	Ghnsic and Muslia Col- lieries, Ltd.	Betal Bauri, (m.), 30, Jegoshi Bauri, (m.), 26, <i>Stone-cutters.</i>	Coal	While the two deceased were asleep at a curve on the dip haulage plane, the haulage rope broke and nine empty wagons ran amain. They became derailed at the curve and ran over the men causing injuries from which they died shortly after. Inspection and inquiry made.
94	3rd October, 11-30 P.M.	Central Kurkend Mine, Kusunda P. O., Manbhun, Bengal.	Central Kurkend Coal Co., Ltd.	Kisson Majhi, (m.), 30, <i>Coal-carrier.</i>	Coal	Eight empty tubs got loose and ran amain and collided with the deceased and broke his leg. Blood poisoning supervened and he died on the 9th October. Inquiry held.
SUNDRIES UNDERGROUND—(3 deaths).						
95	17th February, 1 P.M.	Dishargarh Mine, Dishargarh P. O., Burdwan, Bengal.	Equitable Coal Co., Ltd.	Baron Teli, (m.), 14, <i>Fitter's coolie.</i>	Coal	The deceased whilst waiting in the dark while the fitter went for lights (their lights having become extinguished) wandered into some adjacent old workings that were fenced off and hot and partly filled with vapour. He died soon after being found. Probably from exhaustion and fright. Inspection and inquiry made.
96	20th March, 2-45 P.M.	Mayo Mine, Khewra P. O., Jhelum, Panjab.	Government of India.	Hussan Bibi, (f.), 70, <i>Carrier.</i>	Salt	She slipped while walking up the travelling way and a loaded truck which was following her came up just then and pushed her a distance of about 19 ft. injuring her so severely that she died the next day.
97	1st July, 3 P.M.	Kabulayatkatti Mine, Kabulayatkatti P. O., Dharwar, Bombay.	Dharwar Reefs Co., Ltd.	Periathumby, (m.), 30, <i>Blaster's assistant.</i>	Gold	Deceased had climbed a ladder in the stope to a height of about 35', carrying clay for the blaster, when he slipped and fell. He was injured so seriously that he died a short while after.

APPENDIX I—*contd.*Fatal Accidents, 1907—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
ABOVE GROUND.						
By surface machinery—(2 deaths).						
98	7th June, 3-30 A.M.	Chowrasi Mine, Dishargarh P. O., Burdwan, Bengal.	Equitable Coal Co., Ltd.	Baneshwar Mullick, (m.), 35, Wagon- trimmer.	Coal	The deceased was leaning forward clearing off the coal from the "balance plate" which it had failed to deliver into the wagon, when it swung up and flung him backwards into the wagon. He died almost immediately. Inspection and inquiry made.
99	16th November, 11 A.M.	Gopalchak Mine, Jharia P. O., Manbhurn, Bengal.	Gopalchak Coal Co., Ltd.	Fagu Rajwar, (m.), 22, Surface Coolie.	Coal	He was sitting eating his food on the handle of a hand-crane when the pawl suddenly slipped and the handle struck him on the head. Inspection and inquiry made. See Report, page 11.
On surface railways and tramways belonging to the mine—(1 death).						
100	1st October, 3-30 A.M.	Steam tramway on the Tumsur-Katangi Road.	Central India Mining Co., Ltd.	Lakhan, (m.), 17, Locomotive Oiler.	Manganese	The man was apparently asleep on the platform of an intermediate brake wagon and fell off on to the truck while the train was in motion and a truck passed over both thighs. He died about five hours later.
Miscellaneous on surface—(6 deaths).						
101	16th February, 4 P.M.	Jogta Mine, Sijua P. O., Manbhurn, Bengal.	Agabeg Bros.	Bhatni Barhin, (f.), 12, <i>nil</i> , Bhiku Passi, (m.), 14, Coal-carrier.	Coal	An area, measuring 315' x 262', suddenly subsided, after giving warnings, unfortunately unheeded, for about three hours. Six men and two boys went down with one hut. All were got out alive except Bhiku. The girl went down with another hut, in which she was lying ill. See Report, page 11. Inspection and inquiry made.
102	26th April, 1 A.M.	Mahalichuah Mine, Giridih P. O., Hazaribagh, Bengal.	E. Myers.	Abdul Meah, (m.), 36, Timberman.	Coal	While running to get out of the way of some earth that was subsiding over an old mine he fell over some stones and injured himself so severely that he died later on. Inspection and inquiry made.
103	5th June, 10 A.M.	Sudreadih Mine, Nowagarh P. O., Manbhurn, Bengal.	Sudreadih Coal Co., Ltd.	Jalpi Meah, (m.), 18, Fireman.	Coal	In order to repair a gauge-glass leak, he attempted to shut the lower cock by striking it, instead of getting up to it to turn it. In striking he broke the gauge-glass and a piece of the glass entered his arm. He died from hæmorrhage and shock four hours later. Inspector and inquiry made.
104	23rd and 24th December Between 10 P.M. and 2 A.M.	Dishagarh Mine, Dishargarh P. O., Burdwan, Bengal.	Equitable Coal Co., Ltd.	Hello Sheik, (m.), 26, Engineman.	Coal	Cause unknown, but apparently fell down a hole 18' wide in which a large fly-wheel worked. The hole was fenced except a little at one side, and the deceased was found about 9 feet from the wheel quite dead. Inspection and inquiry made.
105	30th December, 11-30 A.M.	Madhabpur Mine, Raniganj P. O., Burdwan, Bengal.	Imperial Coal Co., Ltd.	Kartik Akorea, (m.), 22, Coolie.	Coal	Deceased and two other coolies were breaking down old brick walls when a portion fell on the top of him killing him. Inspection and inquiry made.

APPENDIX I—contd.

Fatal Accidents, 1907—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age, and occupation of person killed.	Name of mineral worked.	Reason for exclusion.	Cause of accident and remarks.
DEATHS NOT INCLUDED IN THE STATISTICS—(12 deaths).							
1	9th February, 9 A.M.	On broad gauge main line opposite Jogitand wharf.	East Indian Railway Co.	Nemia Jolin, (f.), 50.	Coal	Not employed.	The deceased who was said to be very deaf was walking alongside the railway line and attempted to cross just when the engine came near her and was run over.
2	4th May, 12-30 P.M.	Phularibad Mine, Jharra P. O., Manbhum, Bengal.	Khas Jharra Coal Co.	Brihaspati Bhuia, (m.), 8.	Coal	Not employed.	While shunting was in progress the boy attempted to cross the railway lines and his left leg was run over. He died on the 24th May.
3	11th July ?	Mosila Mine, Asansol P. O., Burdwan, Bengal.	Ghusic and Musila Collieries, Ld.	Jadu Kurmi, (m.), 30, <i>Coolie</i> .	Coal	Cause of accident not known.	Found drowned. Probably went to bathe and fell in.
4	26th July, 7 A.M.	Kustore Mine, Kusunda P. O., Manbhum, Bengal.	Raniganj Coal Association, Ld.	Bhattu Meah, (m.), 12.	Coal	Not employed.	Run over and killed by an engine and train of wagons. Inspection and enquiry made.
5	17th August, 6 A.M.	Baraboni Mine, Asansol P. O., Burdwan, Bengal.	Baraboni Coal Concern, Ld.	Niroda Domin, (f.), 13.	Coal	Not employed.	Whilst she was sleeping near the winding engine, a wooden plug, used for the drain cock which had been stolen, blew out, and she was scalded so severely by the escaping steam that she died two days later. Inspection and inquiry made.
6	22nd September, 9-30 A.M.	Kuordih Mine, Kalpahari P. O., Burdwan, Bengal.	Kuordih Coal Co., Ld.	Moti Bauri, (m.), 2.	Coal	Not employed.	Run over by a tub whilst playing on the line. He died some days later. Inspection and inquiry made.
7	5th November, 8 A.M.	Gararia Mine, Kusunda P. O., Manbhum, Bengal.	Ramji Bechar Das.	Sohadaria Kurmini, (f.), 22.	Coal	Not employed.	She was found drowned in an old incline where there was upwards of 7 feet of water. Inspection and inquiry made.
8	10th November, 7 A.M.	Napara Mine, Asansol P. O., Burdwan, Bengal.	Banwari Lal Mukherji.	Santosh Kumar Raha, (m.), 30, <i>Cashier</i> .	Coal	Not an accident.	The deceased committed suicide by jumping down the shaft. The shaft was fenced. Inspection and inquiry made.
9	16th November, 9-30 A.M.	Jamuria Mine, Nandi P. O., Burdwan, Bengal.	Equitable Coal Co., Ld.	Mohendry Kora, (f.), 8.	Coal	Not employed.	She went down the incline with her mother and was standing at the bottom when a loaded tub ran down and struck and killed her. Inspection and inquiry made.
10	22nd November, 6-30 P.M.	Jairamdanga Mine, Asansol P. O., Burdwan, Bengal.	New Beerbhum Coal Co., Ld.	Foodni, (f.), 28.	Coal	Not employed.	Fell through a partial gap in the fencing of an air-shaft. Inspection and inquiry made.
11	25th December, 2-15 A.M.	Bhuggutdih Mine, Dhanbaid P. O., Manbhum, Bengal.	Bengal-Nagpur Coal Co., Ld.	Bhabi Rai, (f.), 45, <i>Coal-carrier</i> . Sonna Rai, (m.), 8.	Coal	Not a mine accident.	They were sleeping in a hut which caught fire and presumably could not open the door before they were burnt or suffocated. Inspection and inquiry made.

APPENDIX II.

Table No. 1.

Indian Mines Act, 1901, Numbers of Mines and Workers, year 1907.

PROVINCE.	District and Mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.		NUMBER OF MINES INSPECTED DURING THE YEAR.		AVERAGE NUMBER OF PERSONS EMPLOYED DAILY IN AND ABOUT THE MINES.							Grand Total below and above ground.	
			Worked by steam.	Not worked by steam.	Once.	Twice or more.	BELOW GROUND.				ABOVE GROUND.				
							Adult males.	Adult females.	Children (under 12).	Total below ground.	Adult males.	Adult females.	Children (under 12).		Total above ground.
A.—COAL.															
Bengal	Hazaribagh, Giridih	8	5	3	5	1	8,212	1,929	35	4,576	1,907	1,049	96	3,052	7,628
	Manbhum, { Jharis	184	102	82	45	26	15,534	13,078	506	32,118	11,605	5,510	1,097	18,212	50,330
	{ Raniganj.	42	22	20	4	2	2,600	1,048	23	3,671	1,207	711	20	1,938	5,609
	Bankura	1	...	1	...	...	20	17	...	37	8	5	...	8	45
	Bandwan	190	119	11	57	42	14,699	6,069	256	21,024	6,561	4,047	288	10,896	31,920
	Sonthal Parganas, Raniganj	2	...	2	...	...	18	5	...	23	...	...	...	...	23
	Sonthal Parganas, Rajmahal.	3	...	3	...	...	2	8	...	31	8	4	...	12	43
Palamanu, Daltonganj	2	1	1	...	1	259	142	33	434	232	30	7	269	703	
	TOTAL	372	249	123	112	72	39,355	21,696	853	61,914	21,523	11,356	1,508	34,387	96,301
Central Provinces.	Chhindwara, Pench Valley.	3	3	...	3	...	257	128	...	385	91	25	10	126	511
	Narsinghpur, Mohpani.	1	1	...	...	1	416	137	...	553	356	70	...	426	979
	Chanda, Ballarpur	1	1	...	...	1	220	...	...	220	109	...	...	109	329
	TOTAL	5	5	...	3	2	893	265	...	1,158	556	95	10	661	1,819
Panjab	Jhelum	14	1	13	...	...	1,000	...	6	1,006	599	...	14	613	1,619
	Shahpur	4	...	4	...	...	33	...	...	33	26	...	2	59	92
	Mianwali	1	...	1	...	...	80	...	...	80	33	...	...	36	116
	TOTAL	19	1	18	...	...	1,113	...	6	1,119	658	1	16	675	1,794
Eastern Bengal and Assam.	Lakbimpur	5	5	...	...	...	752	362	...	1,114	372	211	19	602	1,716
	Sibsagar, Dihnu Valley.	1	...	1	...	...	8	...	...	8	4	3	...	7	15
	TOTAL	6	5	1	...	...	760	362	...	1,122	376	214	19	609	1,731
Baluchistan	Sibi, Khoat	1	1	...	...	...	446	...	...	446	245	...	15	260	706
	Onetta, Sor Range	5	...	5	...	...	181	...	...	181	23	...	...	23	154
	Kalat, Mach and Digari.	5	...	5	...	...	139	...	2	141	27	...	4	31	172
	Loralai, Loralai	1	...	1	...	...	9	...	...	9	3	...	...	3	12
	TOTAL	12	1	11	...	...	725	...	2	727	298	...	19	317	1,044
	GRAND TOTAL (COAL).	414	261	153	115	74	42,856	22,323	861	66,040	23,411	11,666	1,572	36,649	102,689
B.—MICA.															
Bengal	Monghyr	34	...	34	...	...	176	111	...	287	78	77	10	165	452
	Hazaribagh	268	...	268	2	...	3,563	1,170	173	4,906	1,161	1,428	1,251	3,840	8,745
	Gaya	34	...	34	...	...	693	349	22	1,064	206	103	112	421	1,485
	TOTAL	336	...	336	2	...	4,432	1,630	195	6,257	1,445	1,608	1,373	4,426	10,693
Madras	Nellore	128	...	128	36	...	2,387	1,963	227	4,577	718	879	947	2,544	7,121
	Nilgiris	2	...	2	...	...	29	...	2	31	2	...	...	2	33
	TOTAL	130	...	130	36	...	2,416	1,963	229	4,608	720	879	947	2,546	7,154
Rajputana	Ajmer-Merwara	6	...	6	1	...	47	16	6	69	55	19	3	77	146
	GRAND TOTAL (MICA).	472	...	472	39	...	6,895	3,609	430	10,934	2,220	2,506	2,323	7,049	17,983

APPENDIX II—contd.

Table No. 1—contd.

Indian Mines Act, 1901, Numbers of Mines and Workers, year 1907.

PROVINCE.	District and Mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES		NUMBER OF MINES INSPECTED DURING THE YEAR.		AVERAGE NUMBER OF PERSONS EMPLOYED DAILY IN AND ABOUT THE MINES.								Grand Total below and above ground.
			Worked by steam.	Not worked by steam.	Once.	Twice or more.	BELOW GROUND.				ABOVE GROUND.				
							Adult males.	Adult females.	Children (under 12).	Total below ground.	Adult males.	Adult females.	Children (under 12).	Total above ground.	
C.—MANGANESE.															
Central Provinces	Nagpur	23	2	21	13	...	2,299	185	90	3,574	200	141	9	850	3,924
	Bhandara	11	...	11	5	...	1,138	719	3	1,859	249	122	...	371	2,230
	Balaghat	13	...	13	...	1	1,407	822	46	2,275	224	112	52	388	2,663
	Chhindwara	3	...	3	...	...	93	70	1	164	113	139	...	252	416
	TOTAL	50	2	48	18	1	4,937	2,795	140	7,872	786	514	61	1,361	9,233
Madras	Vizagapatam	43	4	44	2	...	4,703	2,199	212	7,113	735	508	63	1,306	8,419
Bombay	Panch Mahals	1	...	1	...	...	826	193	80	1,099	...	...	...	...	1,099
GRAND TOTAL (MANGANESE).		99	6	93	20	1	10,466	5,186	432	16,034	1,521	1,022	124	2,667	18,751
D.—LIMESTONE.															
Central Provinces	Jabalpur, Katni	20	1	19	20	...	747	1,185	75	2,007	423	511	52	966	2,993
Punjab	Hooshiarpur	1	...	1	...	...	20	...	...	20	40	...	...	40	60
GRAND TOTAL (LIMESTONE).		21	1	20	20	...	767	1,185	75	2,027	463	511	52	1,026	3,053
E.—SALT.															
Panjab	Shahpur	1	...	1	...	...	26	30	...	56	17	...	...	17	73
	Jhelum	2	...	2	...	...	367	339	52	758	46	...	...	46	804
	Mianwali	1	...	1	...	...	53	...	...	53	...	...	...	...	53
GRAND TOTAL (SALT)		4	...	4	...	...	446	369	52	867	63	...	...	63	930
F.—GEMS.															
Burma	Mogok (Rubies, etc.)	6	...	6	...	...	91	...	...	91	2,097	...	...	2,097	2,183
G.—SLATE.															
Bengal	Monghyr	5	...	5	5	...	162	97	...	259	80	46	...	126	385
Punjab	Gurgaon	3	...	3	...	...	51	...	19	70	199	...	17	216	286
GRAND TOTAL (SLATE).		8	...	8	5	...	213	97	19	329	279	46	17	342	671
H.—GOLD.															
Bombay	Dharwar	10	...	10	4	1	1,550	...	...	1,550	1,072	297	124	1,493	3,043
Madras	Nilgiris	1	...	1	...	...	31	...	...	31	59	...	...	59	84
	Anantapur	1	...	1	...	...	197	...	...	197	104	19	7	130	327
TOTAL		2	...	2	...	...	228	...	...	228	157	19	7	183	411
GRAND TOTAL (GOLD).		12	...	12	4	1	1,778	...	...	1,778	1,229	316	131	1,676	3,454

APPENDIX II—*contd.*Table No. 1—*concl'd.*

Indian Mines Act, 1901, Numbers of Mines and Workers, year 1907.

PROVINCE.	District and Mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.		NUMBER OF MINES INSPECTED DURING THE YEAR.		AVERAGE NUMBER OF PERSONS EMPLOYED DAILY IN AND ABOUT THE MINES.								
			Worked by steam.	Not worked by steam.	Once.	Twice or more.	BELOW GROUND.				ABOVE GROUND.				Grand Total below and above ground.
							Adult males.	Adult females.	Children (under 12).	Total below ground.	Adult males.	Adult females.	Children (under 12).	Total above ground.	
I.—IRON ORE															
Central Provinces	Jabalpur	1	...	1	...	...	12	40	10	62	2	4	...	6	68
Bengal	Singhbhum	3	...	3	...	...	...	...	...	200	100	...	300	300	
	GRAND TOTAL (IRON ORE)	4	...	4	...	...	12	40	10	62	202	104	...	306	368
J.—MAGNESITE.															
Madras	Salem	1	...	1	...	...	23	41	...	64	...	...	...	...	64
K.—CHROMITE.															
Baluchistan	Quetta-Peshin	4	1	3	...	...	28	...	...	28	34	...	...	34	62
L.—COPPER.															
Central Provinces	Jabalpur	1	1	...	...	...	46	...	...	6	10	37	...	47	93
Bengal	Singhbhum	1	1	...	...	...	60	...	...	60	150	50	...	200	260
	GRAND TOTAL (COPPER)	2	2	...	...	...	106	...	...	106	160	87	...	247	353
M.—JADE.															
Burma	Myitkyina	3	...	3	...	...	406	...	...	406	950	...	...	950	1,356
N.—LEAD.															
Central Provinces	Jabalpur	1	...	1	...	...	8	...	...	8	4	8	...	12	20
O.—TIN.															
Burma	Mergui	6	...	6	...	...	...	...	...	...	41	...	...	41	41
	GRAND TOTAL (ALL MINES).	1,057	271	786	203	76	64,095	32,850	1,879	98,824	32,674	16,266	4,219	53,159	151,986

APPENDIX II—contd.

Table No. 2.

Classified statement of fatal and serious accidents in and about mines regulated by the Indian Mines Act, 1901, during the year 1907.

PROVINCE.	District and Mineral field.	Total average number of persons employed daily.	Total output.	Number of separate fatal accidents.	NUMBER OF DEATHS.			Number of serious non-fatal accidents.	NUMBER OF PERSONS SERIOUSLY INJURED.			DEATH-RATE PER 1,000 PERSONS EMPLOYED.					
					Below ground.	Above ground.	Total deaths.		Below ground.	Above ground.	Total number of persons injured.	Below ground.	Above ground.	Below and above ground.			
A.—COAL.																	
			Tons.														
Bengal	Hazaribagh, Giridih	7,628	750,374	2	1	1	3	25	19	6	25	21	32	26			
	Manbhum, { Jharua	50,330	5,173,135	32	31	4	35	27	20	11	31	96	21	69			
	Manbhum, { Bamiganj	5,609	474,339	4	7	...	7	1	2	...	2	190	...	124			
	Bankura, " "	45	6,254	...	...	...	...	...	...	...	...	...	...	...
	Burdwan, " "	31,920	3,499,482	26	25	3	28	25	20	5	25	118	27	87			
	Sonthal Parganas, " "	23	1,624	...	...	...	...	...	...	...	...	...	...	...
	" " Rajmahal	43	257	...	...	...	...	...	...	...	...	...	...	...
	Palamu, Daltonganj	703	81,873	1	2	...	2	...	...	...	...	...	4.60	...	2.84		
	TOTAL	96,301	9,993,348	65	66	8	74	78	61	22	83	1.06	.23	.76			
Central Provinces	Chhindwara, Pench Valley	511	74,663	3	3	...	3	2	2	...	2	7.79	...	5.87			
	Narsainpur, Mohpani	979	41,322	...	...	...	...	...	...	...	...	...	...	...
	Chanda, Ballarpur	329	18,103	...	...	...	...	...	...	...	...	...	...	...
	TOTAL	1,819	134,088	3	3	...	3	2	2	...	2	2.59	...	1.64			
Panjab	Jhelum	1,619	47,298	1	1	...	1	4	3	1	4	.99	...	.61			
	Shahpur	59	12,686	...	...	...	...	...	...	...	...	...	...	...
	Mianwali	116	765	...	...	...	...	...	...	...	...	...	...	...
	TOTAL	1,794	60,749	1	1	...	1	4	3	1	4	.89	...	.55			
Eastern Bengal and Assam.	Lakhimpur	1,716	295,695	9	9	...	9	3	3	...	3	8.07	...	5.24			
	Sibsagar, Dikhu Valley	15	100	...	...	...	...	...	...	...	...	...	...	...
	TOTAL	1,731	295,795	9	9	...	9	3	3	...	3	8.02	...	5.19			
Baluchistan	Sibi, Khost	708	29,378	1	1	...	1	2	2	...	2	2.24	...	1.41			
	Quetta, Sor Range	154	7,517	1	1	...	1	...	...	...	...	7.63	...	6.49			
	Kalat, Mach and Digari	173	5,393	...	...	...	...	...	...	...	...	...	...	...
	Loralai, Loralai	12	200	...	...	...	...	...	...	...	...	...	...	...
	TOTAL	1,044	42,488	2	2	...	2	2	2	...	2	2.75	...	1.91			
	GRAND TOTAL (COAL)	102,689	10,526,468	80	81	8	89	89	71	23	94	1.22	.21	.86			
B.—MICA.																	
			Cwt.														
Bengal	Monghyr	452	731	2	3	...	3	...	...	...	...	10.45	...	6.63			
	Hazaribagh	8,746	22,212	4	8	...	8	...	...	...	...	1.63	...	.91			
	Gaya	1,485	5,636	1	1	...	1	...	...	...	...	.98	...	.67			
	TOTAL	10,683	28,579	7	12	...	12	...	...	...	...	1.91	...	1.12			
Madras	Nellore	7,121	15,645	...	...	...	...	2	4	...	4	...	...	...
	Nilgiris	33	...	...	...	...	...	...	...	...	...	...	...	...
	TOTAL	7,154	15,645	...	...	...	...	2	4	...	4	...	...	...
Rajputana	Ajmer-Merwara	146	695	1	1	...	1	...	...	...	...	14.49	...	6.84			
	GRAND TOTAL (MICA)	17,983	44,919	8	13	...	13	2	4	...	4	1.18	...	.72			
C.—MANGANESE ORE.																	
			Tons.														
Central Provinces	Nagpur	3,924	181,875	4	3	1	4	9	1	8	9	.88	2.85	1.01			
	Bhandara	2,230	141,188	...	...	...	...	...	...	...	...	...	...	...
	Balaghat	2,663	161,047	...	...	...	...	...	...	...	...	...	...	...
	Chhindwara	416	12,468	...	...	...	...	...	...	...	...	...	...	...
	TOTAL	9,233	496,573	4	3	1	4	9	1	8	9	.38	.73	.43			
Madras	Vizagapatam	8,419	125,820	...	...	...	...	1	...	1	...	...	...	...
Bombay	Balgaum	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panoh Mahals	1,099	19,689	...	...	...	...	...	...	...	...	...	...	...
	TOTAL	1,099	19,689	...	...	...	...	...	...	...	...	...	...	...
	GRAND TOTAL (MANGANESE)	18,751	642,082	4	3	1	4	10	1	9	10	.18	.37	.21			

APPENDIX II—contd.

Table No. 2—concl'd.

Classified statement of fatal and serious accidents in and about mines regulated by the Indian Mines Act, 1901, during the year 1907.

PROVINCE.	District and Mineral fields.	Total average number of persons employed daily.	Total output.	NUMBER OF DEATHS.			Number of serious non-fatal accidents.	NUMBER OF PERSONS SERIOUSLY INJURED.			DEATH-RATES PER 1,000 PERSONS EMPLOYED.				
				Number of separate fatal accidents.	Below ground.	Above ground.		Total deaths.	Below ground.	Above ground.	Total number of persons injured.	Below ground.	Above ground.	Below and above-ground.	
D.—LIMESTONE.															
Central Provinces	Jabalpur, Katni	2,998	Tons. 72,022	...	...	...	2	1	1	2	...	...	...
Panjab	Hoshiarpur	60	1,200	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL (LIMESTONE)		3,058	73,222	...	...	...	2	1	1	2	...	...	...
E.—SALT.															
Panjab	Shahpur	73	6,492	...	...	...	...	...	...	...	...	...	...
	Jhelum	804	84,462	1	1	...	3	2	1	3	131	...	124		
	Mianwali	53	10,749	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL (SALT)		930	101,703	...	1	...	3	2	1	3	115	...	107		
F.—GEMS.															
Burma	Mogok (Rubies, etc.)	2,188	Carats. 296,125	2	3	...	3	1	4	5	32.96	...	1.36		
G.—SLATE.															
Bengal	Monghyr	385	Tons. 2,286	...	...	...	5	1	4	5	...	...	...
Panjab	Gurgaon	286	2,684	...	...	...	1	...	1	1	...	...	...
GRAND TOTAL (SLATE)		671	4,970	...	...	...	6	1	5	6	...	...	...
H.—GOLD.															
Bombay	Dharwar	3,043	Oz. 4,017	8	9	...	9	4	4	...	4	5.80	2.95		
Madras	Nilgiris	84	...	...	...	...	...	...	...	...	...	...	...
	Anantapur	327	...	2	3	...	3	...	...	...	15.22	...	9.17
TOTAL		411	4,017	2	3	...	3	...	...	...	13.15	...	7.29
GRAND TOTAL (GOLD)		3,454	4,017	10	12	...	12	4	4	...	4	6.74	3.47		
I.—IRON ORE.															
Central Provinces	Jabalpur	68	Tons. 400	...	...	...	...	...	...	...	...	...	...
Bengal	Singhbhum	300	1,136	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL (IRON ORE)		368	1,536	...	...	...	...	...	...	...	...	...	...
J.—MAGNESITE.															
Madras	Salem	64	186	...	...	...	...	...	...	...	...	...	...
K.—CHROMITE.															
Baluchistan	Quetta-Peshin	62	Cwt. 771,206	...	...	...	...	...	...	...	...	...	...
L.—COPPER.															
Central Provinces	Jabalpur	93	...	...	...	...	...	...	...	...	...	...	...
Bengal	Singhbhum	260	...	...	...	...	...	...	...	...	...	...	...
TOTAL (COPPER)		353	...	...	...	...	...	...	...	...	...	...	...
M.—JADE.															
Burma	Myitkyina	1,356	Cwt. 3,591	...	...	...	...	...	...	...	...	...	...
N.—LEAD.															
Central Provinces	Jabalpur	20	...	...	...	...	...	...	...	...	...	...	...
O.—TIN.															
Burma	Mergui	41	Cwt. 273	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL (ALL MINERALS)		151,983	Tons. 11,350,167 Carats. 296,125 Cwt. 819,988 Oz. 4,017	105	113	9	122	121	85	43	128	1.14	1.16	.80	

APPENDIX II—*contd.*

Table No. 3.

The following table is a summary of the average number of persons working daily in and about mines regulated by the Indian Mines Act, 1901, during the year 1907.

PROVINCE.	AVERAGE NUMBER OF PERSONS WORKING DAILY IN AND ABOUT MINES GETTING						
	Coal.	Mica.	Manganese.	Limestone.	Salt.	Other minerals.	Total persons.
Bengal	96,301	10,683	...	...	...	945	107,929
Central Provinces	1,819	...	9,233	2,993	...	181	14,226
Madras . . . . .	...	7,154	8,419	...	...	475	16,048
Eastern Bengal and Assam	1,731	...	...	...	...	...	1,731
Baluchistan	1,044	...	...	...	...	62	1,106
Panjab	1,794	...	...	60	930	286	3,070
Burma . . . . .	...	...	...	...	...	3,585	3,585
Bombay . . . . .	...	...	1,099	...	...	3,043	4,142
Rajputana . . . . .	...	146	...	...	...	...	146
Total 1907	102,689	17,983	12,751	3,053	930	8,577	151,983
Total in preceding year	90,159	15,984	11,273	1,901	1,170	8,179	128,666
Difference	+12,530	+1,999	+7,478	+1,152	-240	+398	+23,317

Table No. 4.

QUANTITY OF MINERAL RAISED.

The following short summary shows the output of the principal minerals from mines regulated by the Indian Mines Act, 1901, for the year 1907.

PROVINCE.	Coal.	Manganese Ore.	Mica.	Limestone.	Salt.
	Statute Tons.	Statute Tons.	Statute Cwts.	Statute Tons.	Statute Tons.
Bengal	9,993,348	...	28,579	...	...
Central Provinces	134,088	496,573	...	72,022	...
Madras . . . . .	...	125,820	15,645	...	...
Eastern Bengal and Assam	295,795	...	...	...	...
Baluchistan	42,488	...	...	...	...
Panjab	60,74	...	...	1,200	101,703
Rajputana . . . . .	...	...	695	...	...
Bombay . . . . .	...	19,689	...	...	...
Burma . . . . .	...	...	...	...	...
Total in 1907	10,526,468	642,082	44,919	73,222	101,703
Total in preceding year	9,112,663	436,442	50,438	48,836	118,023
Difference	+1,413,805	+205,640	-5,519	+24,386	-16,320

APPENDIX II—contd.

Table No. 5.

The following table shows the average number of persons working daily in and about mines regulated by the Indian Mines Act, 1901, during the years 1906 and 1907.

ALL MINES UNDER THE ACT.

Description of workers.	Year 1906.	Year 1907.	Difference.
	Below ground.	Below ground.	Below ground.
Adult Males	53,817	64,095	+ 10,278
Adult Females	24,921	32,850	+ 7,929
Children under 12	1,420	1,879	+ 459
TOTAL BELOW GROUND	80,158	98,824	+ 18,666
	Above ground.	Above ground.	Above ground.
Adult Males	29,236	32,674	+ 3,438
Adult Females	14,661	16,266	+ 1,605
Children under 12	4,611	4,219	- 392
TOTAL ABOVE GROUND	48,508	53,159	+ 4,651
TOTAL BELOW AND ABOVE GROUND	128,666	151,983	+ 23,317

ALL COAL-MINES UNDER THE ACT.

Description of workers.	Year 1906.	Year 1907.	Difference.
	Below ground.	Below ground.	Below ground.
Adult Males	40,352	42,856	+ 2,504
Adult Females	19,121	22,323	+ 3,202
Children under 12	865	861	- 4
TOTAL BELOW GROUND	60,338	66,040	+ 5,702
	Above ground.	Above ground.	Above ground.
Adult Males	18,846	23,411	+ 4,565
Adult Females	9,422	11,666	+ 2,244
Children under 12	1,553	1,572	+ 19
TOTAL ABOVE GROUND	29,821	36,649	+ 6,828
TOTAL BELOW AND ABOVE-GROUND	90,159	102,689	+ 12,530

Table No. 6.

The following table shows the fluctuations in the output of the principal minerals raised from mines classed under the Indian Mines Act, 1901. The other minerals raised are gems, slate, gold, iron ore, magnesite, chromite, tin and jade.

Year.	Coal.	Manganese Ore.	Mica.	Limest'one.	Salt.
	Tons.	Tons.	Cwts.	Tons.	Tons.
1899	4,622,242	87,126	10,860	1,177	78,754
1900	5,452,408	92,458	18,320	...	79,996
1901	6,251,522	162,057	19,900	28,000	91,242
1902	6,790,507	144,037	21,360	30,091	87,361
1903	6,812,725	171,223	20,100	35,238	90,667
1904	7,561,333	188,733	21,320	50,847	107,413
1905	7,770,471	204,194	25,548	93,170	94,078
1906	9,112,663	436,442	50,438	48,836	118,023
1907	10,526,463	642,082	44,919	73,222	101,703

APPENDIX II—contd.

Table No. 7.

The following table shows the amount of coal raised, the average number of persons working daily and the death-rates during the years 1899 to 1907 in respect of coal mines under the Indian Mines Act, 1901.

YEAR.	Amount of coal raised.	Average number of persons working daily below and above ground.	Number of deaths below and above ground.	DEATH-RATES.	
				Per 1,000,000 tons raised.	Per 1,000 persons working daily below and above ground.
1899 . . .	4,622,242	65,795	78	15.79	1.11
1900 . . .	5,452,408	80,003	52	9.53	.64
1901 . . .	6,251,522	85,361	58	9.28	.67
1902 . . .	6,790,507	89,503	59	8.69	.66
1903 . . .	6,812,725	79,561	67	9.83	.84
1904 . . .	7,561,388	82,002	55	7.27	.67
1905 . . .	7,770,471	79,506	58	7.46	.72
1906 . . .	9,112,663	90,159	80	8.78	.89
1907 . . .	10,526,468	102,689	89	8.45	.86

Table No. 8.

Statement showing the output of coal, the number of persons employed and the number of tons of coal raised per person employed in and about the coal mines of the principal coal-producing countries of the world.

YEAR.	Countries.	Tons of coal raised.	Persons employed.	Tons raised per person employed.
1906	United Kingdom . . .	251,067,628	867,152	289
1905	United States . . .	384,593,643	626,315	614
"	Germany . . .	171,017,283	548,277	311
"	Austria . . .	34,710,381	119,261	291
"	France . . .	34,652,229	175,104	197
"	Belgium . . .	21,775,280	134,747	161
"	Nova Scotia . . .	5,050,420	10,780	468
"	British Columbia . . .	1,384,812	4,407	314
"	Australia . . .	7,495,956	14,019	534
"	Natal . . .	1,129,407	5,650	199
"	Transvaal . . .	2,606,799	8,988	290
"	Japan . . .	11,356,543	78,477	144
1903	Russia . . .	17,581,324	105,774	166
	Totals and average . . .	944,426,205	2,698,951	349
1907	British India . . .	10,526,468	102,689	102

APPENDIX II—*contd.*

Table No. 9.

Fatal accidents and deaths in mines regulated by the Indian Mines Act, 1901, during the year 1907, classified according to the mineral worked.

MINERAL.	PROVINCE AND MINERAL AREA.	Number of separate fatal accidents.	NUMBER OF DEATHS.								TOTAL BELOW AND ABOVE GROUND.	
			BELOW GROUND.				ABOVE GROUND.					
			Adult males.	Adult females.	Children (under 12).	TOTAL.	Adult males.	Adult females.	Children (under 12).	TOTAL.		
COAL	Baluchistan	2	2	...	...	2	...	...	...	...	2
	Bengal {	Daltongunge	1	2	2	2
		Giridih	2	...	1	...	1	1	1	2
		Jharria	36	34	4	...	38	3	1	...	4	42
		Baniganj	26	21	4	...	25	3	3	28
	TOTAL (BENGAL)	65	57	9	...	66	7	1	...	8	74	
	Central Provinces	3	2	1	...	3	...	...	...	...	3
	Eastern Bengal and Assam	9	8	1	...	9	...	...	...	...	9
Panjab	1	1	...	...	1	...	...	...	...	1	
TOTAL COAL	80	70	11	...	81	7	1	...	8	89		
MICA	Ajmer-Merwara	1	1	...	...	1	...	...	...	...	1
	Bengal	7	12	...	...	12	...	...	...	...	12
	TOTAL MICA	8	13	...	...	13	...	...	...	...	13
MANGANESE	Central Provinces	4	3	...	...	3	1	...	...	1	4
GEMS	Burma	2	3	...	...	3	...	...	...	...	3
GOLD	Bombay	8	9	...	...	9	...	...	...	...	9
	Madras	2	3	...	...	3	...	...	...	...	3
	TOTAL GOLD	10	12	...	...	12	...	...	...	...	12
SALT	Panjab	1	...	1	...	1	...	...	...	...	1
GRAND TOTAL, ALL MINERALS		105	101	12	...	118	8	1	...	9	122	

APPENDIX II—*contd.*

Table No. 10.

Fatal accidents and deaths classified according to causes.

CAUSES OF ACCIDENTS.	1907.				
	Number of separate accidents.	DEATHS.			
		Adult males.	Adult females.	Children (under 12).	TOTAL.
BELOW GROUND.					
Explosions of fire-damp.	3	5	...	...	5
Falls in Mines.					
Falls of roof	26	24	5	...	29
" " side	22	26	2	...	28
TOTAL	48	50	7	...	57
In Shafts.					
Ropes and chains breaking	1	1	...	...	1
Whilst ascending or descending by machinery	2	3	...	...	3
Falling into the shaft from the surface	3	3	...	...	3
Falling from part of the way down	7	7	...	...	7
Things falling from the surface	2	2	...	...	2
Things falling from part of the way down	2	2	...	...	2
Miscellaneous	3	2	1	...	3
TOTAL	20	20	1	...	21
Miscellaneous below ground.					
Suffocation by gases	2	2	...	...	2
By explosives	10	10	1	...	11
Irruptions of water or falling into water	2	3	1	...	4
Haulage	9	9	1	...	10
Sundries underground	3	2	1	...	3
TOTAL	26	26	4	...	30
TOTAL BELOW GROUND	97	101	12	...	113
ABOVE GROUND.					
By surface machinery	2	2	...	...	2
On surface railways and tramways	1	1	...	...	1
Miscellaneous on surface	5	5	1	...	6
TOTAL ABOVE GROUND	8	8	1	...	9
TOTAL BELOW AND ABOVE GROUND	105	109	13	...	122

APPENDIX II—contd.

Table No. 11.

ACCIDENTS, 1907.

Classified according to cause and mineral worked.

MINERAL WORKED.	Number of separate fatal accidents.	NUMBER OF PERSONS KILLED.											DEATH RATE PER 1,000 PERSONS EMPLOYED.		
		Explosions of fire-damp.	Falls of roof.	Falls of side.	In shafts.	Explosives.	Suffocation by gases.	Eruptions of water or falling into water.	Haulage.	Miscellaneous below ground.	Surface.	Total deaths.	Below ground.	Above ground.	Below and above ground.
Coal	80	5	23	13	19	4	2	4	10	1	8	89	1.22	.21	.86
Mica	8	..	3	6	1	3	..	..	..	..	..	13	1.18	..	.72
Manganese	4	..	..	3	..	..	..	..	..	..	1	4	.18	.37	.21
Gems	2	..	..	3	..	..	..	..	..	..	..	3	32.96	..	1.36
Gold	10	..	3	3	1	4	..	..	..	1	..	12	6.74	..	3.47
Salt	1	..	..	..	..	..	..	..	..	1	..	1	1.15	..	1.07
Total, 1907	105	5	29	28	21	11	2	4	10	3	9	122	1.14	.16	.80
Total, preceding year.	84	4	24	27	20	4	4	..	11	3	9	106	1.21	.19	.82
Difference	21	1	5	1	1	7	-2	-4	-1	..	..	16	-.7	-.3	-.2

Table No. 12.

Statement of Prosecutions instituted under the Indian Mines Act (VIII of 1901) during the year ending 31st December 1907.

PROVINCE.	District.	Number of prosecutions.	Number of persons prosecuted.	Number convicted.	REMARKS.
Central Provinces	Chhindwara	1	1	1	Under section 22 (2) (b) of the Indian Mines Act, 1901. Ditto.
Bengal	Monghyr	1	1	1	

APPENDIX II—*contd.*

Table No. 13.

Number of Inspections by District and other Officers, 1907.

District and Mineral area.	NUMBER OF MINES INSPECTED.		
	Once.	Twice.	More than twice.
COAL.			
Bengal—			
Burdwan	4	...	...
Palamau, Daltonganj	1	...	...
Sonthal Parganas, Rajmahal	...	...	...
Hazariabagh—Giridih	1	...	...
Manbhum—Jharia	3	...	...
	9	...	...
Eastern Bengal and Assam—Lakhimpur	1	...	...
Baluchistan	1	1	...
	11	1	...
TOTAL AT COAL MINES			
MICA.			
Bengal—Hazariabagh	2	...	...
Madras—Nellore	6	1	4
	8	1	4
TOTAL AT MICA MINES			
MANGANESE.			
Central Provinces	...	...	1
Balaghat	2	...	...
Bhandara	...	1	...
Nagpur	1	...	...
Chhindwara	...	...	...
	3	1	1
Madras—Vizagapatam	1	...	...
Bombay—Panch Mahals	...	1	...
	4	2	1
TOTAL AT MANGANESE MINES			
LIMESTONE.			
Central Provinces	12	...	...
GEMS.			
Burma—Ruby Mines District	7	...	...
IRON ORE.			
Bengal—Singhbhum	3	...	...
	45	4	5
GRAND TOTAL			

APPENDIX II—contd.

Table No. 14.

Mines opened and closed during the year ending 31st December 1907.

Provinces.	District.	Number of mines opened.	Number of mines closed.
A.—COAL			
BENGAL	Hazaribagh-Giridih	2	1
	Manbhum, Jharia	49	4
	„ Raniganj	14	1
	Burdwan „	8	2
	Santhal Parganas . . . . .	...	2
	Palamau, Daltonganj	1	...
TOTAL		74	10
PANJAB	Mianwali . . . . .	...	1
	Jhelum	8	2
TOTAL		8	3
CENTRAL PROVINCES	Chhindwara	2	...
BALUCHISTAN	Kalat	1	...
TOTAL (COAL)		85	13
B.—MICA.			
BENGAL	Monghyr . . . . .	...	...
	Hazaribagh	27	11
TOTAL		27	11
MADRAS	Nellore	25	17
RAJPUTANA	Ajmer-Merwara	1	2
TOTAL (MICA)		53	30

APPENDIX II—concl'd.

Table No. 14—concl'd.

Province.	District.	Number of mines opened.	Number of mines closed.
	C.—MANGANESE ORE.		
MADRAS	Vizagapatam	21	10
BOMBAY	Panch Mahals	1	...
CENTRAL PROVINCES	Nagpur	2	2
	Balaghat	1	1
	Bhandara	1	...
TOTAL		4	3
TOTAL (MANGANESE)		26	13
	D.—LIMESTONE.		
CENTRAL PROVINCES	Jabalpur	6	
	E.—LEAD.		
BENGAL	Sambalpur	1	1
	F.—GOLD.		
MADRAS	Nilgiris . . . . .	...	1
BOMBAY	Dharwar	6	2
TOTAL (GOLD)		6	3
	G.—IRON.		
CENTRAL PROVINCES	Jabalpur	1	1
	H.—SLATE.		
PANJAB	Gurgaon	1	...
	I.—CHROMITE.		
BALUCHISTAN	Quetta-Peshin	4	1

APPENDIX III.

Table No. 1.

Inspections and enquiries made under Section 5 of the Land Acquisition (Mines) Act, 1885, during the year ending 31st December 1907.

Registered number.	Name of mine and description of land acquired.	Name of the owner of the mine.	Date of gazetted declaration.	Name of Inspector making the enquiry.
57	Bhowra Coal Mine— Bhowra Branch and siding, Midnapur-Jharia extension of the Bengal-Nagpur Railway.	Eastern Coal Co., Ltd.	27th April 1907 . . .	G. F. Adams.
64	Sudamdih Coal Mine— Pathardih link of the Bengal-Nagpur Railway.	Empire Coal Co., Ltd.	.....	Ditto.
65	Puddugora Coal Mine— Bengal-Nagpur Railway Company's Station Mohoda.	Bengal Coal Co., Ltd.	4th March 1907 . . .	Ditto.
68	Gobindpur Coal Mine— Katras-Khanudih extension of the Jharia Branch of the East Indian Railway.	Gobindpur Coal Syndicate.	12th April 1907 . . .	Ditto.
69	Banksimulla Coal Mine— Banskimulla siding, Toposi-Baraboni Branch of the East Indian Railway.	Bengal Coal Co., Ltd.	13th May 1907 . . .	R. R. Simpson.
70	Bhowra Coal Mine— Bhowra Branch, Jharia connection line of the Bengal-Nagpur Railway.	Eastern Coal Co., Ltd.	9th July 1907 . . .	G. F. Adams.
71	Bhaga Coal Mine— Bhaga Branch of the East Indian Railway and the Bhaga assisted siding.	Jharia Colliery Co., Ltd.	12th September 1907 . . .	Ditto.
72	Baraboni and Jairamdanga Coal Mines— Bhaskajuri siding of the East Indian Railway.	New Beerbhum Coal Co., Ltd.	15th July 1907 . . .	R. R. Simpson.
75	Kuordih Coal Mine— East Indian Railway Company's main line.	Kuordih Coal Co., Ltd.	.....	W. T. Griffiths.
76	Tetturia Coal Mine— Katrasgarh-Khanudih extension of the Ikra Branch of the East Indian Railway.	West Tetturia Collieries Co.	10th October 1907 . . .	G. F. Adams.
77	Kustore Coal Mine— Bhaga Branch of the Bengal-Nagpur Railway and assisted sidings.	Raniganj Coal Association, Ltd.	6th January 1908 . . .	Ditto.
78	Bagdiggi Coal Mine— Damuda Branch of the East Indian Railway.	C. J. Smith . . .	26th February 1908 . . .	Ditto.
80	Jealgora Coal Mine— Jealgora siding off the Damuda Branch of the East Indian Railway.	East Indian Coal Co., Ltd.	17th March 1908 . . .	Ditto.
81	Lower Kusunda Coal Mine— North Kustore siding off the Damuda Branch of the East Indian Railway.	Kusunda and Nayadi Collieries, Ltd.	.....	Ditto.
82	Hathgarooye Coal Mine— Sitarampur-Ikra Branch of the East Indian Railway.	Lutchipur Coal Co., Ltd.	14th January 1908 . . .	James Grundy.
83	Kally Than Surataur Coal Mine— Surataur assisted siding of the East Indian Railway.	K. B. Seal . . .	.....	G. F. Adams.
84	Mudidih Coal Mine— Sijua siding of the East Indian Railway.	Reliance Coal Co., Ltd.	.....	Ditto.
85	Nuni Coal Mine— No. 8 Pit and Nuni siding of the East Indian Railway.	Baraboni Coal Concern, Ltd.	29th April 1908 . . .	James Grundy.
86	Jobs Coal Mine— East Indian Railway Company's siding between Raniganj and Kalipahari.	Eastern Coal Co., Ltd.	9th March 1908 . . .	R. R. Simpson.

APPENDIX III—contd.

Table No. 2.

Inspections and enquiries made under Section 11 of the Land Acquisition (Mines) Act 1885, during the year ending 31st December 1907.

Registered number.	Name of mine and description of land acquired.	Name of the owner of the mine.	Date of declaration.	Name of Inspector making the enquiry.
4	Benahir Coal Mine— Surataur siding of the East Indian Railway.	Standard Coal Co., Ltd.	11th April 1908	G. F. Adams.
5	Dheriajoba Coal Mine— Jharia-Katras Branch and Damuda Branch of the East Indian Railway.	Jharia Coal Syndicate, Ltd.	.....	Ditto.
9	Alkusa Coal Mine— Damuda Branch of the East Indian Railway and certain assisted sidings.	Raniganj Coal Association, Ltd.	5th February 1908	Ditto.
12	Kusunda and Nayadi Coal Mine— Kustore siding and the Damuda Branch of the East Indian Railway.	Kusunda and Nayadi Collieries, Ltd.	.....	Ditto.
13	Bhuskajuri Coal Mine— Bhuskajuri siding of the East Indian Railway.	Bhuskajuri Coal Co., Ltd.	.....	James Grundy.
18	Bhuggudih Coal Mine— Assisted siding of the East Indian Railway.	Bengal-Nagpur Coal Co., Ltd.	.....	G. F. Adams.
23	Surataur (Kadmogora) Coal Mine— Surataur siding of the East Indian Railway.	P. K. Roy	.....	Ditto.
24	Sijua Coal Mine— East Indian Railway Company's siding	Sijua Coal Co., Ltd.	2nd December 1907	Ditto.
34	Salanpur Coal Mine— Salanpur Branch of the East Indian Railway.	Borrea Coal Co., Ltd.	.....	James Grundy.
35	Bagdiggi Coal Mine— Damuda Branch of the East Indian Railway and assisted siding.	C. J. Smith	.....	G. F. Adams.
73	Raghunathbatty Coal Mine— Ikra Branch of the East Indian Railway.	Sudhi Coal Co., Ltd.	.....	James Grundy.
74	Mugma Coal Mine— Pandra Branch, Jharia Branch of the East Indian Railway.	J. C. Dutt	23rd January 1908	Ditto.
78	Bagdiggi Coal Mine— Damuda Branch of the East Indian Railway.	C. J. Smith	26th February 1908	Ditto.
79	Lover Kusunda Coal Mine— North Kusunda siding, Damuda Branch of the East Indian Railway.	Kusunda and Nayadi Collieries, Ltd.	.....	G. F. Adams.
84	Mudidih Coal Mine— Sijua siding of the East Indian Railway.	Reliance Coal Co., Ltd.	13th May 1908	Ditto.
88	Ekra Khas Coal Mine— Extension of Ekra Khas siding of the East Indian Railway.	Maharaja M. C. Nandi	.....	Ditto.
89	Encroachment on land acquired for the Jimagora Branch of the East Indian Railway.	By Gova Petha & Co. and the East Barari Coal Co.	10th March 1908	Ditto.
90	South Baraboni Coal Mine— Ikra Branch of the East Indian Railway.	South Baraboni Coal Co.	25th April 1908	R. R. Simpson.

APPENDIX III—contd.

Table No. 3.

List of plans of abandoned and discontinued mines received during the year 1907.

Registered number.	Name and situation of mine.	Name and number of seam.	Name of mineral worked.	Name of owner.	Date of abandonment or discontinuance.
23	Bdruchak Mine, Sijua P. O., Manbhum, Bengal.	No. 15 Top Seam .	Coal . . .	Sijua Coal Co., Ltd. .	March 1905.
24	Kessabganj Mine, Kalipahari P. O., Burdwan, Bengal.	Dobalia or Lower Kalipahari Seam.	Do. . . .	G. M. Agreeable Coal Co.	March 1905.
25	New Baraboni Mine, Charanpur P. O., Burdwan, Bengal.	Baraboni Lower Seam.	Do	New Baraboni Coal Co.	November 1905.
26	New Nandi Mine, Nandi P. O., Burdwan, Bengal.	Nandi Seam . . .	Do. . . .	Sasi Bhusan Mukherji	28th February 1907.
27	No. 1 East Ara Mine, Katha Colliery, Abbottabad, Panjab.	Not named nor numbered.	Do	Panjab Coal Co. . .	December 1906.
28	Nalli Mine, Katha P. O., Shahpur, Panjab.	Not named nor numbered. . . .	Do. . . .	Malik Mohan Singh.	January 1907.
29	Pits Nos. 2 and 5, Ghusik Mine, Kalipahari P. O., Burdwan, Bengal.	Ghusik Seam . . .	Do. . . .	Baliram and Co. . .	1895.
29A	Pits Nos. 1 and 2, Srikistapur Mine, Kalipahari P. O., Burdwan, Bengal.	Ghusik Seam . . .	Do. . . .	Ditto	Pit No 1, about 1898. Pit No. 2, about 1905.
30	Incline No. 1, Napara Mine, Asansol P. O., Burdwan, Bengal.	Napara Top Seam .	Do. . . .	Maharaja M. C. Nandi	1905.
31	Jairamdanga Mine, Asansol P. O., Burdwan, Bengal.	Jairamdanga Upper Seam.	Do. . . .	New Beerbhum Coal Co., Ltd.	June 1903.
32	Pits Nos. 3, 34, 35, and 37, Dhadka Mine, Asansol P. O., Burdwan, Bengal.	Dhadka Seam . . .	Do. . . .	Ditto	June 1903.
33	Inclines Nos. 4 and 5, Kustore Mine, Kusunda P. O., Manbhum, Bengal.	No. 15 Seam . . .	Do. . . .	Raniganj Coal Asso- ciation, Ltd.	2nd August 1907.
34	Inclines Nos. 6, 6 and 9, Gararia Mine, Kusunda P. O., Manbhum, Bengal.	No. 9 Seam . . .	Do. . . .	Tribhuban Das Howji	14th September 1907.
35	Open quarry, Katras Mine, Katrasgarh P. O., Manbhum, Bengal.	No. 14 Seam . . .	Do. . . .	Katras Jharis Coal Co., Ltd.	September 1907.

Table No. 4.

MINING COURSE AT THE SIBPUR CIVIL ENGINEERING COLLEGE.

Students are admitted to the special mining course who have passed the Sub-Overseer examination (requiring two years' work at the College), or an equivalent examination at some other technical college. The diploma is granted to successful students after a further two years which includes the special mining course, a detailed syllabus of which is appended.

The course of training undergone by the mining students also includes Mathematics, Physics, Chemistry, Surveying, Drawing, Engineering, and Workshops (practical). Detailed syllabuses of these courses are to be found in the College Calendar (Apprentice class).

A Bachelor of Engineering (Calcutta University) Degree in Mining is also under contemplation, the course to run parallel with the Bachelor of Engineering Degree courses in Civil, Mechanical, and Electrical Engineering.

The number of students taking the Mining Course at Sibpur College during the Session 1907-08 was thirteen, of whom five will sit for the Diploma examination in April 1908. These students all attended the Camp of Mine Surveying and Practical Mining, which was pitched at Gaurangdi during November and December 1907. A good sign is the demand in the coal-fields for passed students, which is considerably greater than the supply. All those who obtain diplomas this year have positions with good prospects assured to them, and those too who may fail to secure the diploma have been spoken for.

The new practical mining laboratory is now under way. The Professor of Mining, in consideration of the conditions of mining in Bengal, has designed the practical laboratory work with a special view to coal, — particularly washing, briquetting, and coking,—in which lines there is no doubt it will be most profitable for the students to specialise. Meanwhile they will assist in the erection of the laboratory, and the fitting of such machinery as has arrived.

DETAILED MINES SYLLABUS.

COURSE I.

Geology applied to Mining.—(One lecture per week.)

Stratified and unstratified rocks. Faults, foldings, etc. Work done by rivers and glaciers. Rock-forming minerals. Introduction to study of fossils. Principal rock formations and descriptive outline of corresponding fossils. Special reference to the geology of India. Mountain and river systems. Metamorphic rocks. Dravidian and Aryan groups. Coal-bearing formations. Laterite formation.

Geological maps and sections. Methods employed in their construction. Field geology.

Mining Engineering.—(Two lectures per week.)

Boring by hand and power machines. Lining boreholes. Speeds and costs of various methods of boring compared.

Sinking through alluvial ground. Bogey, dumping-chain, folding-doors. Shaft-walling. Sinking and walling simultaneously. Tubbing a shaft. Sinking through sands and gravel and watery strata. Piling method. Iron Drum and Kind-Chaudron methods. Freezing processes. Tiger's method.

Mechanical haulage. Jig bank. Direct haulage. Main and tail rope. Endless rope. Modes of application of power. Size of engine required for given work. Tensioning the rope.

Hoisting. Wood, steel, and rope guides. Safety cages and appliances. Koeps and Whiting systems. Rope-capping and cage couplings. Winding ropes. Safety factor.

Mining legislation with reference to shafts, hauling, winding, timbering, shot-firing, inspection of working places, and mine plans.

Coal mining.—(One lecture per week.)

Methods of working coal. Development of bord-and-pillar working. Main distinctions between longwall and bord-and-pillar workings. Thrust and creep. Shaft pillars. Haulage roads and their protection. "Whole" and "broken" working. Timbering of ditto. General remarks on removal of pillars. Timber withdrawal. Longwall working. Timbering and packwalls. Thick coal-working. South Staffordshire method. Indian and American methods. Special instances. Single and double stall working. Steep seam workings. Rearer workings of North Staffordshire.

Shot-firing. Coal-cutting by machinery. Different types of machines and their uses.

Working under the sea or large bodies of water. Surface subsidence.

Coal-mine plans and sections. Connecting surface and under-ground surveys.

Metal Mining.—(One lecture per week.)

Description of veins, pockets, shoots, chimneys. Lenticular masses.

Prospecting for minerals. Alluvial mining and open working. Ore beds and deep leads.

Dredging for gold. Overhand and underhand stopping. Working a thick mineral vein. Timbering of metal mines. Square-set timbering. Shaft-timbering.

Hand and power drilling. Pneumatic and electric drills. Blasting. Metal mine plans.

APPENDIX III—*concl.*Table No. 4—*concl.*

COURSE II.

Descriptive Mineralogy.—(One lecture per week.)

Important minerals and ores. Fuels and allied materials. Methods of determination of minerals. External characteristics. Specific gravity. Forms of minerals. Systems of crystals and examples. Blowpipe assay. Scale of fusibility. Tests on borax, microcosmic salt and charcoal. Tests with nitrate of cobalt.

Special reference to ores of iron, antimony, baryta, zinc, tin, mercury, copper, lead, manganese, gold, and silver.

Mining Engineering.—(One lecture per week.)

Drainage of mines. Adit levels. Water-buckets. Lift and force pumps. Surface arrangements for draining a sinking pit. Cornish and Hathorne-Davy pumps. Direct-acting steam pumps. Pulsometer. Centrifugal pumps. Hydraulic pumps. Auxiliary pumps for feeding up to the main pump.

Approaching old workings. Dams.

Ventilation. Stoppings, doors, regulators, air-crossings. Practical work in plan ventilation. Dumb drifts. Capell, Waddle, and Guibal fans. General reference to types of fans. Water-gauge and anemometer. Treatment of gob-fires.

Power-application in a mine. Relative merits of steam, water, compressed air, electricity, and oil as sources of applied power.

Indian Mines Acts, and legislation germane to mining.

Coal Mining.—(One lecture per week.)

Description of gases found in mines. Fire-damp. Colliery explosions. Spraying apparatus. Principles and construction of safety lamps. Types of safety lamps. "Caps" on safety lamp flame. Instruments for detecting fire-damp:—opal spectacles, Liveing's and Ansell's indicators, alcohol lamp, hydrogen lamp, Beard-Mackie lamp. Treatment of persons overcome by foul air.

Surface arrangements at a colliery. How they are made automatic as far as possible. Sorting and screening. Tipplers, creepers. Coal-washing,—types of machines. Coking—types of ovens. Recovery of bye-products.

Metal Mining.—(One lecture per week.)

Ore-dressing. Concentration by means of water. Blake crusher. Dodge crusher. Gyrotory crushers. Huntington mill. Stamp batteries. Materials required for running a stamp battery. Classification of pulverisers. Arrastra. Amalgamating pans. Jigs, and jig-products. Magnetic separation. Roasting for magnetism. Pneumatic separation. Less important methods of concentration.

Fine sand and slime concentrators. Vanners, pumping or jerking tables; film-sizing tables. Prospector's cradle. Treatment of refractory ores, sands, and slimes. Cyanide and chlorination treatment.

PRACTICAL MINING AND MINE SURVEYING.

Students are required to spend six weeks in camp, each year of the course, in a mining district, of which about three weeks will be devoted to the surveying of an actual working mine, the remainder of the time being spent in visiting and inspecting the workings and equipment of mines in the vicinity. The surveying will consist of a plan of the mine, with surface connections, and one or more sections along a haulage road. The plan and sections, and the notes on mine equipment made during camp, will form the basis of the "Attested drawings and designs" required from the Degree students.

ATTESTED DRAWINGS AND DESIGNS.

(1) Plan of mine workings, based on survey done in camp, suited for an output of 1,500 tons per day, showing surface buildings, railways, waterways, etc., and pillars left for their protection; showing also doors, regulators, stoppings, etc., for ventilation purposes. On a scale not smaller than 100 ft. to the inch.

(2) Section of a haulage road, showing new formation level for purposes of installing mechanical haulage.

(3) Section of upcast shaft, showing fan-drift, fan-house, and fan.

(4) Vertical section of downcast shaft, showing pumps, steam-pipes, cages.

(5) Plan of downcast shaft.

(6) General plan of surface arrangements, showing position of tipplers, screens, coke-ovens, boilers, engines, etc.

(7) Section of portion of shaft, to show walling curb and brick work and wedging curb with tubing.

APPENDIX III—*contd.*

Table No. 5.

MINING INSTRUCTION IN BENGAL.

Preliminary.—The scheme of instruction is designed to afford facilities for persons employed in Coal-mines to be trained in the Principles of Mining.

The following centres have been established and Sub-Committees appointed :—

RANIGANJ DISTRICT.

<i>Sanctoria Centre.</i>	<i>Charanpur Centre.</i>
Mr. Jas. Grundy.	Mr. Jas. Grundy.
” Wm. Miller.	” R. Mitchell.
” G. F. Scott.	” E. M. Patterson.
” W. McFarlane.	” A. Russell.

JHARIA DISTRICT.

<i>Jharia Centre.</i>	<i>Sijua Centre.</i>
Mr. G. F. Adams.	Mr. G. F. Adams.
” J. J. Turnbull.	” H. C. Veasey.
” Geo. Miller.	” E. H. Bennertz.
” A. Gregory.	” W. J. Wood.

The Mining Instructor will visit each centre once a week.

The course of instruction, consisting of about 25 lectures, will commence in November 1907 and continue to the beginning of the rainy season, 1908.

An examination will be held at the end of the course.

A candidate who passes the examination will receive a certificate recording his success. A prize of books will be given by Mr. Grundy to the candidate who obtains the highest number of marks. No candidate, however, will be permitted to sit for examination unless he has attended seventy-five per cent. of the lectures.

SYLLABUS OF THE COURSE OF INSTRUCTION.

The course will treat principally of the more practical operations in actual mining, with special reference to India, and the principles underlying such operations will be thoroughly discussed.

Special attention will be paid to the various methods of working thick seams.

Geology.—General structure of the crust of the earth: Definitions and descriptions of fault, dyke, outcrop, dip, strike, unconformity, etc., composition and properties of coal; special reference to the coal measures in India: Importance of recording results of observations.

Exploration.—Advantages of borings; driving through faults, washouts; dykes, etc.; methods of maintaining the direction and gradient of such drivages.

Boring and Winning.—Different systems of boring; choice of methods; cost of boring. Winning coal by inclines, adits, shafts, shafts and crosscut.

Sinking.—Site of Colliery; position of shafts; excavation and shape; blasting with use of safety fuse and electric battery; explosives and detonators, their safe storing and handling; lining the shafts and scaffolding; sinking pit, banking arrangements, bows, water-barrels, bull chain and hook, etc. Special difficulties in sinking and how to deal with them.

Opening out and methods of working.—Shafts pillars; arching or supporting the pit bottom; quarrying; pillar and stall; double road stall; long wall.

Thick coal.—Methods of working in South Staffordshire and Warwickshire, in Upper Silesia and France; methods of working thick seams by long wall, by inclined slices, and by horizontal slices, also the Rabatage System.

Timbering and Supporting.—Fixing of props and double timber; chocks or cogs; special methods of timbering to withstand pressure from the roof, sides and floor; securing dangerous holes in the roof due to heavy falls; use of iron or steel girders; stowing and packing; arching.

Gases met with in coal mines.—Their experimental preparation by chemicals and illustration of their physical and physiological properties; methods of detecting; explosion and gob fires.

Ventilation.—Natural and artificial methods; coursing the air; use of stoppings, brattices, doors, airbridges, regulators, etc.; measuring the quantity of air, use of thermometer, barometer, water-gauge, anemometer; the friction of air in mines and the elementary theory of splitting.

Safety lamps.—Theory of the safety lamp, Sir Humphrey Davy's Experiment; the Davy lamp, the Clanny and Thomas and Williams lamps, the Marsaut and Mueseler lamps; fire-damp detectors.

Mechanical Engineering of Collieries.—Winding engines, discussion of the different types, calculation of the dimensions of cylinders, length of stroke, diameter of drum, etc.;

APPENDIX III—*contd.*Table No. 5—*concl'd.*

strength of winding ropes and chains, detaching hooks, capping winding ropes, care and examination of ropes.

Pumping.—Importance of a good system ; measurement of quantities of water ; lifting and forcing pumps ; pumps for sinking ; temporary and permanent pumps ; calculation of dimensions ; of pumps to perform a given duty, etc., strength of pipes, methods of supporting ; different types of joints.

Hauling.—Tramways, tubs and wagons ; conveyance by self-acting inclines ; single-rope haulage ; main and tail ; endless rope ; endless chain ; calculations concerning inclines, sizes of haulage engines, ropes, etc. ; signalling ; capping of haulage ropes.

Surface arrangements.—Boilers, Cornish, Lancashire, and water-tube types ; boiler fittings, injectors, and steam-pipes, etc. ; boiler explosions, incrustation, corrosion, and priming ; calculations on boilers ; Heap steads : arrangement of roads around pit bank ; simple screening and sizing.

Transmission of power by steam, compressed air, and electricity ; discussing the relative merits of each system.

Coke.—Its production and composition ; different types of ovens ; recovery of bye-products.

Table No. 6.

DEPARTMENT OF MINES IN INDIA.

Regulations made by the Board of Examiners under Rule 30 of the rules applying to coal-mines made under Section 20 of the Indian Mines Act, 1901, for the conduct of examinations for manager's certificates of competency.

- (1) No member of the Board of Examiners shall act as a local examiner, except in emergent cases.
- (2) When possible one or more members of the Board of Examiners shall attend every examination on at least one of the days.
- (3) So far as is practicable, the local examiners shall be:—
 - (a) An Inspector of Mines, who shall be Secretary to the local examiners.
 - (b) Two Mining Engineers or Colliery Managers who must be the holders of first class certificates. Provided that a Mining Professor may be appointed instead of one of the Mining Engineers or Managers.
- (4) The remuneration of each local examiner shall be ₹150 for each examination, and a capitation fee of ₹2 for each first class candidate and ₹1 for each second class candidate examined, and travelling expenses and halting allowances on the first class scale under Civil Service Regulations ; but an Inspector of Mines, acting as a local examiner, shall not be entitled to any fee or remuneration whatsoever, beyond the travelling expenses and halting allowances due to him in his official capacity.
- (5) The subjects for examination shall be:—
 - (a) *Arithmetic and handwriting.*
 - (b) *Practical and theoretical coal-mining*, including surface and underground arrangements, sinking, timbering, ventilation, gases met with in coal mines, a knowledge of plans, surveying and levelling, and of the various instruments used in mining. Questions may also be asked upon geology, sanitation, hydraulics, explosives, safety lamps and similar subjects. The candidates may also be required to show how to arrange the ventilation and haulage of a mine on a given plan.
 - (c) *Practical mechanics*, including steam, steam-engines, steam-boilers, pumps and strength of materials ; and questions may be asked upon electricity and compressed air as applied to coal mining.
 - (d) *The Indian Mines Act, 1901*, and rules made under the Act.
- (6) The examinations shall be both written and oral, and the subjects and conditions shall be the same for candidates for both classes of certificates ; but the examination questions shall be made suitable for each class of certificate.

APPENDIX III—*contd.*Table No. 6—*concl'd.*

(7) The following shall be the maximum number of marks given for each subject :—

SUBJECT.	FIRST CLASS.			SECOND CLASS.		
	Papers.	Viva voce.	Total.	Papers.	Viva voce.	Total.
(a) Arithmetic and handwriting	50	...	50	50	...	50
(b) Mining	160	60	220	140	80	220
(c) Mechanics	110	40	150	100	50	150
(d) Indian Mines Act	60	20	80	50	30	80
TOTAL	380	120	500	340	160	500

(8) No candidate who fails to obtain 66 per cent. of the total number of marks, or 33 per cent. in either of the subjects of mining or mechanics, shall be passed by the examiners, and if a candidate fails to obtain 33 per cent. of the marks given for either of the subjects of Arithmetic and Handwriting or the Indian Mines Act, any marks he may have obtained in such subjects shall not be included when the total is determined.

(9) Before each examination each candidate shall declare whether he presents himself for a first or second class certificate. No candidate for a second class certificate shall be eligible at that examination for a first class certificate, but a candidate for a first class certificate, who does not reach the necessary standard, may, nevertheless, at the discretion of the local examiners, be recommended to the Board of Examiners for a second class certificate, if, in their opinion, he has done sufficiently well to deserve it.

(10) The Secretary to the local examiners shall report, by registered post, the result of the examination, giving the number of marks obtained by each candidate in each subject, to the President of the Board of Examiners within one month of the close of the examination.

(11) The questions which the local examiners intend to put in the examination papers shall be submitted in draft to the Board of Examiners, for approval, at least six weeks before the date of the examination.

(12) At least one examination shall be held annually in the Bengal coalfields; and in other parts of India examinations will be held whenever, in the opinion of the Board of Examiners the number of candidates in a coal-mining centre justifies the holding of an examination.

APPENDIX III—*contd.*

Table No. 7.

List of holders of certificates as Managers of Coal Mines in British India.

(a) Certificates granted to holders of English certificates of competency.

FIRST CLASS.

NAME.	No. of Indian certificate.	Date of Indian certificate.	No. of English certificate.	Date of English certificate.
Murdoch, Adam	63	21st January 1907	2792	12th June 1906.
Martin, William Marshall	64	27th March 1907	2237	16th June 1903.
Ward, Alex. Houstonne	65	Ditto	258	11th July 1890.
Murray, Thomas Chapman	66	Ditto	2793	12th June 1906.
Piggford, Thomas Charles	67	Ditto	1425	25th July 1898.
Combey, William	68	25th April 1907	2564	22nd February 1905.
Heron, Robert	69	Ditto	2884	31st December 1906.
Ward, Percie Overton	70	Ditto	2033	26th May 1902.
Watson, Claude Leslie	71	6th May 1907	1666	23rd February 1900.
Stewart, John H.	72	27th March 1907	640	8th June 1893.
Wardlaw, John B.	73	3rd July 1907	2537	29th December 1904.
Chapman, Joseph	74	Ditto	2518	Ditto.
Somerville, Lawrence Reid	75	12th August 1907	2655	5th June 1905.
Mackay, Angus	76	Ditto	2641	Ditto.
Pitt, George Norman Ackroyd	77	Ditto	1556	30th August 1899.
Lawrie, William	78	Ditto	2887	31st December 1906.
Kirk, Stewart	79	Ditto	2338	13th January 1904.
Thomas, Josiah	80	30th August 1907	2395	30th May 1904.
Davies, Richard Stanley	81	Ditto	2107	22nd September 1902.
Oates, Robert J. W.	82	Ditto	134	28th March 1889.
Emmerson, George	83	Ditto	2278	12th September 1903.
Knox, John	84	Ditto	1871	19th June 1901.
Marshall, John Joseph	85	7th November 1907	2317	8th January 1904.
Jardine, Walter	86	Ditto	2785	12th June 1906.
Darby, Alexander Whyte	87	Ditto	2986	14th June 1907.

SECOND CLASS.

Felton, Samuel	8	3rd July 1907	5154	13th May 1904.
Sutton, Georges	9	Ditto	2366	23rd January 1895.
Fellows, Alfred Edward	10	12th August 1907	4484	9th May 1902.

APPENDIX III—*contd.*Table No. 7—*contd.*List of holders of certificates as Managers of Coal Mines in British India—*contd.*

(b) Certificates of service.

FIRST CLASS.

NAME.	No. of certificate.	Date of certificate.	REMARKS.
Panchan, Narayan	101	8th January 1907.	
Dwane, Francis Cecil	102	Ditto.	
Marwari, Ram Chandra	103	15th January 1907.	
Mukerji, Charu Chandra	104	Ditto.	
Biswas, Purna Chandra	105	Ditto.	
Dutt, Sourindra Nath	106	Ditto.	
Walji, Lira	107	Ditto.	
Nathu, Sheth Haridas	108	Ditto.	
Chandra, Ram Ram	109	Ditto.	
Bunarjee, Jogo Bundhoo	110	22nd January 1907.	
Mukerjee, Bunwari Lal	111	Ditto.	
Chuckerbutty, Rajoni Prokash	112	Ditto.	
Chowdhuri, Neelmoni	113	Ditto.	
Banerjee, Harihor	114	Ditto.	
Ghosh, Anantá Lall	115	Ditto.	
Maltby, Francis Blough	116	30th January 1907.	
Wood, Arthur Whiffen	117	Ditto.	
Lane, Arthur	118	27th March 1907.	
Akhai, Mulji	119	25th April 1907.	
Mukerji, Harish Chandra	120	6th May 1907.	
Read, Harry Crible	121	Ditto.	
Martin, Henry Aloysius	122	12th August 1907.	
Mukherjee, Lal Chand	123	Ditto.	
Oswald, Thomas Clark	124	26th November 1907.	

SECOND CLASS.

Relia, Meghji Bhimji	85	7th January 1907.	
Pal, Basanta Kumar	86	8th January 1907.	
Biddle, Charles John	87	Ditto.	
Dutt, Sarat Chander	88	Ditto.	
Ambler, Taaffe Charles	89	Ditto.	
Lardner, Frederick Charles	90	Ditto.	
Lardner, John Albert	91	Ditto.	
Lardner, James Adolphus (Junior)	92	Ditto.	
Stacey, George	93	Ditto.	

APPENDIX III—*contd.*Table No. 7—*contd.*List of holders of certificates as Managers of Coal Mines in British India—*contd.*(b) Certificates of service—*contd.*

SECOND CLASS.

NAME.	No. of certificate.	Date of certificate.	REMARKS.
Dash, Botto Kristo	4	15th January 1907.	
Mitchel-Jones, Arthur Hood	95	Ditto.	
Dass, Natabar	96	Ditto.	
Howji, Doolabhji	97	Ditto.	
Banerjee, Tripura Charan	98	Ditto.	
Mawjee, Bira	99	Ditto.	
Bosu, Sachindra Nath	100	Ditto.	
Chakravatty, Indra Narayan	101	Ditto.	
Panja, Kali Prasanna	102	22nd January 1907.	
Mukerjee, Beni Madhub	103	Ditto.	
Chuckerbutty, Nil Madhub	104	Ditto.	
Topadar, Pratap Chander	105	Ditto.	
Roy, Durga Dass	106	Ditto.	
Bose, Annada Prashad	107	Ditto.	
Ghose, Jasada Dulal	108	Ditto.	
Chatterjee, Rishi Kesh	109	Ditto.	
Hazra, Pramatha Nath	110	Ditto.	
Bhattacharjee, Kanti Chandra	111	Ditto.	
Chatterjee, Kedar Nath	112	Ditto.	
Chatterjee, Radhakrishna	113	30th January 1907.	
Whiffen, Walter Osborne	114	Ditto.	
Ghosal, Saroda Prasad	115	Ditto.	
Mukerjee, Girindra Narayan	116	Ditto.	
Roy, Sambhu Nath	117	Ditto.	
Sen, Preo Nath	118	Ditto.	
Ghosh, Preo Nath	119	Ditto.	
Sarkar, Surendra Nath	120	31st January 1907.	
Gokal, Mawji	121	Ditto.	
Mukherjee, Rajoni Kanto	122	30th January 1907.	
Mukherjee, Promotho Nath	123	Ditto.	
Roy, Gosto Behary	124	27th March 1907.	
Roy, Prasanna Kumar	125	Ditto.	
Rai, Sasi Bhushan	126	25th April 1907.	
Dossa, Gangji	127	Ditto.	

APPENDIX III—*contd.*Table No. 7—*contd.*List of holders of certificates as Managers of Coal Mines in British India—*contd.*(b) Certificates of service—*concl'd.*

SECOND CLASS.

NAME.	No. of certificate.	Date of certificate.	REMARKS.
Tah, Sarat Chandra	128	25th April 1907.	
Ghosal, Hari Prasanna	129	6th May 1907.	
Williams, James Emmanuel	130	Ditto.	
Din, Ahmed	131	Ditto.	
Biddle, Leonard Alexander	132	Ditto.	
Cooper, Albert James	133	Ditto.	
Hancox, Samuel	134	Ditto.	
Wright, George	135	Ditto.	
Robertson, Ivanhoe George Charley	136	Ditto.	
Amir Ali	137	Ditto.	
Singh, Karam	138	Ditto.	
Barnes, William	139	Ditto.	
Jerome, William Augustus	140	Ditto.	
Rai, Hokoomat	141	Ditto.	
Woodall, Samuel	142	Ditto.	
Hughes, William	143	Ditto.	
Allah Ditta	144	Ditto.	
Loving, Osmond Davis	145	Ditto.	
Smith, Duncan Walter Charles	146	Ditto.	
Plant, Joseph	147	Ditto.	
Simpson, Stanley Nevil	148	Ditto.	
Das, Lakhmi	149	Ditto.	
Mohamed Hassan	150	Ditto.	
Mitra, Annoda Prosad	151	3rd July 1907.	
Bose, Kumude Nath	152	12th August 1907.	
Ghose, Fanindra Nath	153	Ditto.	
Mukerjee, Harish Chandra	154	Ditto.	
Mukerjee, Poorendra Nath	155	Ditto.	
Chand, Malik Mehar	156	Ditto.	
Roy, Rohini Kumar	157	Ditto.	
Griffiths, James	158	30th August 1907.	
Roya, Mohendra Narayan	159	Ditto.	
Haloo, Ramji	160	7th November 1907.	

APPENDIX III—*contd.*Table No. 7—*concl'd.*List of holders of certificates as Managers of Coal Mines in British India—*concl'd.*

(c) Certificates of competency.

FIRST CLASS.

NAME.	No. of certificate.	Date of certificate.	REMARKS.
Pennefather, Alfred Fredrick	1	27th March 1907.	
Scott, George Duncan	2	Ditto.	
Bapty, George Frederic William	3	Ditto.	
Warde, Ivan Alexis Townsend	4	Ditto.	
Calland, Richard	5	Ditto.	
Wilkinson, John Bertram	6	Ditto.	
Murphy, John W.	7	Ditto.	
Cooper, Albert James	8	Ditto.	
Loughran, Herbert W.	9	Ditto.	
Hodgkinson, Thomas Gerald	10	Ditto.	
Topham, William Henry	11	Ditto.	
Bennertz, Theodore Hubert	12	Ditto.	
Roberts, Frank Anthony	13	Ditto.	
Bull, Alfred Collins	14	Ditto.	
Sam, Eleazer Gregory Seth	15	Ditto.	
Thornton, John William	16	Ditto.	
Pal, Basanto Kumar	17	Ditto.	
Blair, David	18	Ditto.	

SECOND CLASS.

Adamson, Harry	1	27th March 1907.	
D'Souza, Joseph Donald	2	Ditto.	
Oliver, James Arthur	3	Ditto.	
Frizoni, Raphael Luke	4	Ditto.	
Cooper, Frank	5	Ditto.	
Rooke, Reginald George	6	Ditto.	
Myers, Harold Ernest	7	Ditto.	
Forbes, Charles Alexander	8	Ditto.	
Bennett, William Henry	9	Ditto.	
Spencer, Alfred James	10	Ditto.	

APPENDIX III—*contd.*

Table No. 8.

List of Universities and Colleges in England and India approved by the Governor-General in Council for the purposes of Rules 32 and 33 of the Indian Mines Act, 1901.

Name of Institution and Degree or Diploma.	Date.
University of Birmingham in respect of its Degree of B.Sc. in Mining and Diploma in Mining.	11th June 1904.
University College of Bristol in respect of its Senior Diploma in Mining.	16th September 1904.
University of Cambridge in respect of its Diploma in Mining Engineering.	6th June 1905.
University of Durham in respect of its Degree of B.Sc. in Mining	21st December 1903.
Durham College of Science in respect of its Diploma in Mining	29th June 1904.
University of Glasgow in respect of its Degree and Diploma in Mining.	28th September 1904.
Glasgow and West of Scotland Technical College in respect of its Diploma in Mining.	28th June 1904.
University of Leeds in respect of its Degree of B.Sc. in Mining and Diploma in Mining.	21st November 1904.
University of London in respect of its B.Sc. Degree in Mining for Internal Students, subject to the Degree being endorsed by the University with a certificate of four months' practical experience in a mine.	9th June 1905.
Royal School of Mines in respect of its Associateship in Mining	24th March 1904.
University of Oxford in respect of its Diploma B. (for Colliery Engineers) in Scientific Engineering and Mining Subjects.	11th February 1905.
University College of Sheffield in respect of its Diploma in Mining.	15th July 1904.
University College of South Wales and Monmouthshire in respect of its Diploma in Mining.	19th April 1904.
Wigan Mining and Technical College in respect of its Diploma in Mining.	26th August 1904.
Civil Engineering College, Sibpur, in respect of its Diploma in Mining.	22nd February 1907.

APPENDIX III—contd.

Table No. 9.

List of Inspection Circles.

No. 1 Circle.	No. 2 Circle.	No. 3 Circle.
<p>(a) All mines in the districts of Palamanu, Gaya, Monghyr, Singhbhum, Darjeeling, Ranchi and Sambalpur, and all mines other than coal mines in the district of Hazaribagh, and all mines in the district of Manbhum, which are situated west of a line drawn from Adra Junction at mile 175 of the Bengal-Nagpur Railway to Gobindpur at mile 169 on the Grand Trunk Road and continued across the district in each direction.</p>	<p>(a) All mines in the districts of Burdwan and Bankura to the west of a line drawn from mile 131 on the East Indian Railway main line near Asansol to mile 141 on the Ondal loop near Gaurangdi, and continued across the districts in each direction; and all mines in the district of Manbhum east of a line drawn from Adra Junction at mile 175 on the Bengal-Nagpur Railway to Gobindpur at mile 169 on the Grand Trunk Road, and continued in each direction across the district, and all coal mines in the district of Hazaribagh.</p>	<p>(a) All mines in the districts of Burdwan and Bankura to the east of a line drawn from mile 131 on the East Indian Railway main line near Asansol to mile 141 on the Ondal loop near Gaurangdi, and continued across the districts in each direction, and all mines in the districts of the Sonthal Parganas and Birbhum.</p>
<p>(b) All mines in Assam.</p>	<p>(b) All mines in Baluchistan.</p>	<p>(b) All mines in the Presidency of Bombay.</p>
<p>(c) All mines in Burma.</p>	<p>(c) All mines in the United Provinces.</p>	<p>(c) All mines in the Central Provinces.</p>
	<p>(d) All mines in the Panjab.</p>	<p>(e) All mines in the Presidency of Madras.</p>
	<p>(e) All mines in Ajmer-Merwara</p>	

APPENDIX III—*contd.*

Table No. 10.

No. 10724—10740-246.

GOVERNMENT OF INDIA.

DEPARTMENT OF COMMERCE AND INDUSTRY.

GEOLOGY AND MINERALS.

RESOLUTION.

Dated Calcutta, the 18th December 1907.

THE following Royal Warrant is published for general information :—

WHITEHALL, *October 17, 1907.*

The King has been pleased to issue a Warrant under His Majesty's Royal Sign Manual to the following effect :—

Edward, R. & I.

Edward the Seventh, by the Grace of God, of the United Kingdom of Great Britain and Ireland and of the British Dominions beyond the Seas, King, Defender of the Faith, Emperor of India, to all to whom these Presents shall come, Greeting!

Whereas We are desirous of distinguishing by some mark of Our Royal Favour the many heroic acts performed by Miners and Quarrymen and others who endanger their own lives in saving or endeavouring to save the lives of others from perils in Mines or Quarries within Our Dominions and in territories under Our Protection or Jurisdiction, We do by these presents for Us, Our Heirs, and Successors institute and create a new Medal to be awarded for such acts of gallantry.

Firstly.—It is ordained that the Medal shall be of two classes which shall be designated and styled "The Edward Medal of the First Class" and "The Edward Medal of the Second Class."

Secondly.—It is ordained that the Edward Medal of the First Class shall consist of a circular Medal of Silver with Our Effigy on the obverse, and on the reverse a design representing the rescue of a miner with the inscription "for courage."

Thirdly.—It is ordained that the Edward Medal of the Second Class shall consist of a Circular Medal of Bronze of a similar design.

Fourthly.—It is ordained that the Medals shall only be awarded to those of Our Faithful Subjects and others who, in saving or endeavouring to save the lives of others from perils in Mines and Quarries within Our Dominions and in territories under Our Protection or Jurisdiction, have endangered their own lives, and that such award shall be made only on a recommendation to Us by Our Principal Secretary of State for the Home Department.

Fifthly.—It is ordained that the names of those upon whom We may be pleased to confer either of these Decorations shall be published in the *London Gazette*, and that a Register thereof shall be kept in the Office of Our Principal Secretary of State for the Home Department.

Sixthly.—It is ordained that each Medal shall be suspended from the left breast and the riband, of an inch and three-eighths in width, shall be dark blue with a narrow yellow stripe on either side: Provided that when the Medal is awarded to a woman it shall be worn on the left shoulder, suspended from a riband of the same width and colour, fashioned into a bow.

APPENDIX III—*concl'd.*Table No. 10—*concl'd.*

Seventhly.—It is ordained that any act of gallantry which is worthy of recognition by the award of the Edward Medal, but is performed by one upon whom the Decoration has already been conferred may, on a recommendation to Us by Our Principal Secretary of State for the Home Department, be recorded by a Bar attached to the riband by which the Medal is suspended; and for every such additional act an additional Bar may be added.

Eighthly.—In order to make such provision as shall effectually preserve pure these most honourable Decorations it is ordained that if any person, on whom either of such Decorations is conferred be guilty of any crime or disgraceful conduct which, in Our judgment disqualifies him for the same, his name shall, by an especial Warrant under Our Royal Sign Manual, be forthwith erased from the Register of those upon whom the said Decoration shall have been conferred and his Medal shall be forfeited. And every person to whom the said medal is given shall before receiving the same, enter into an agreement to return the same, if his name shall be so erased as aforesaid under this regulation. It is hereby further declared that We, Our Heirs and Successors, shall be the sole judges of the circumstances demanding such forfeiture. Moreover, We shall at all times have power to regrant a Medal to any person whose Medal may at any time have been forfeited.

Given at Our Court at *Saint James's*, the thirteenth day of *July*, one thousand nine hundred and seven, in the seventh year of Our Reign.

By His Majesty's Command,

H. J. GLADSTONE.

ORDERED that the paper be published in the Supplement to the *Gazette of India*, and that copies be forwarded to the Local Governments and Administrations noted in the margin, to the Finance and Foreign Departments, the Railway Board, the Chief Inspector of Mines in India and the Indian Mining Association, for information.

The Secretary to the Government of Madras, Revenue Department.	
" " " " " Bombay " "	
" Chief Secretary to the Government of Bengal.	
" " " " " the United Provinces.	
" " " " " the Panjab.	
" Revenue Secretary " " Burma.	
" Chief Secretary " " Eastern Bengal and Assam.	
" Honourable the Chief Commissioner, Central Provinces.	
" Honourable the Resident at Mysore and Chief Commissioner of Coorg.	
" Chief Commissioner of Ajmer-Merwara.	
" Honourable the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province.	
" Agent to the Governor-General in Baluchistan.	

W. L. HARVEY,

Secretary to the Government of India.

APPENDIX IV.

ADDITIONS TO THE ACT.

No. 3952—36.

GOVERNMENT OF INDIA.

DEPARTMENT OF COMMERCE AND INDUSTRY.

GEOLOGY AND MINERALS.

NOTIFICATION.

Simla, the 10th May 1907.

In exercise of the power conferred by section 20 of the Indian Mines Act, 1901 (VIII of 1901), the Governor General in Council is pleased to make the following rule for application to all mines in British India in supersession of the Rule published with the Notification of the Government of India in the Department of Revenue and Agriculture, No. 3842—36-15, dated the 8th December 1904.

RULE.

Form of Annual Return.

The following form shall be correctly filled up in duplicate by the managing agent, or if there is no managing agent, by the owner, agent or manager of a Mine, and one copy forwarded to the Chief Inspector of Mines and the other to the District Magistrate not later than the 1st February in each year.

I.

Year ending on the 31st December 190 .

- | | | | |
|----------------------------|-----------|-----------------|-----------------------------|
| 1. Name of Mine. | } | Owner. | |
| 2. Date of opening. | | Managing Agent. | |
| 3. Date of closing. | | } | Agent. |
| 4. Nature of moving power. |  |  |  | } | Manager. |
| 5. Situation of Mine. } | | } | Assistant or Under Manager. |
| of Mine. } |  |  |  | District. |
| Province. | Province. | | |

APPENDIX IV—contd.

IV.

Accidents and inspections.

No. of SEPARATE ACCIDENTS REPORTED DURING THE YEAR.			No. of PERSONS.		No. of prosecutions under the Act, with the section under which the prosecution was instituted.	No. of persons convicted under the Act, with the sections under which the convictions were obtained.	No. of INSPECTIONS.		
Fatal.	Serious.	Total.	Killed.	Seriously injured.			By District Officers.	By Mines Inspector.	Total.
1	2	3	4	5	6	7	8	9	10

* It is optional to supply the information required by columns 8, 9 and 10. They will be filled in by the Mines Department when left blank by Mine Agents or Owners.

Signature of Managing
Agent, Owner, Agent,
or Manager. }

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NOTES AND INSTRUCTIONS.

(1) Failure to forward a correct return to the Chief Inspector of Mines not later than the 1st February in each year, will render the managing agent, owner, agent, or manager liable on conviction to a penalty which may extend to Rs. 500.

(2) It will greatly facilitate the preparation of the statistics if the return is despatched as soon as possible at the close of the year.

(3) The output should be given—

(a) in troy ounces in the case of gold ;

(b) in carats in the case of gem-stones ;

APPENDIX IV—*contd.*

- (c) in cwts.,—or in cwts. and lbs. where the circumstances require greater particularisation in order to give an accurate estimate of small outputs,—in the case of alum, amber, asbestos, chromite, corundum (not being gem corundum), graphite, jadestone, mica, steatite and tin ore; and
- (d) in tons, in the case of clays, coal, coke, iron-ore, limestone, magnesite, manganese-ore, other unspecified metalliferous ores, salt and slate.
- (4) The total amount of mineral raised during the year must be given including, in the case of coal mines, the colliery consumption and the coal made into coke.
- (5) The value of the mineral given should be based on the actual or estimated wholesale price of the mineral at the pit's mouth. In the case of coal sold into wagons at the colliery the cost of loading should be deducted from the selling price.
- (6) In the case of mica mines a "plot" is to be regarded as a "pit" for the purposes of statements Nos. II and III and the figures to be entered in columns 4 and 5 of statement No. III relate to the quantity and value of marketable mica consigned.
- (7) The average number of persons employed daily should be obtained by dividing the aggregate number of daily attendances (permanent and temporary) by the number of working days.
- (8) Every person of or above the age of twelve years should be entered as an adult.

B. ROBERTSON,

Offg. Secretary to the Government of India.

No. 3953—3966-36

Copy forwarded in continuation of letter No. 8497—8507-92-Geology and Minerals, dated 26th October 1906, to—

The Secretary to the Government of Madras, Revenue Department,
 The Secretary to the Government of Bombay, Revenue Department,
 The Chief Secretary to the Government of Bengal,
 The Chief Secretary to the Government of the United Provinces,
 The Chief Secretary to the Government of the Panjab,
 The Revenue Secretary to the Government of Burma,
 The Chief Secretary to the Government of Eastern Bengal and Assam,
 The Hon'ble the Chief Commissioner of the Central Provinces,
 The Hon'ble the Resident in Mysore and the Chief Commissioner of Coorg,
 The Chief Commissioner of Ajmer-Merwara,
 The Hon'ble the Agent to the Governor General and Chief Commissioner, North-West Frontier Province.

A copy is forwarded to the Foreign Department, for information and communication to the Agent to the Governor General in Baluchistan in continuation of the endorsement from this Department, No. 8508—92, dated the 26th October 1906.

A copy is also forwarded to the ^{Chief Inspector of Mines in India} ~~Director General of Commercial Intelligence~~ for information.

By order,

M. M. S. GUBBAY,

Offg. Under Secretary to the Government of India

APPENDIX IV—*contd.*

No. 7861—36.

GOVERNMENT OF INDIA.

DEPARTMENT OF COMMERCE AND INDUSTRY.

GEOLOGY AND MINERALS.

NOTIFICATION.

Simla, the 19th September 1907.

In exercise of the power conferred by section 20 of the Indian Mines Act, 1901 (VIII of 1901), the Governor General in Council is pleased to make, in supersession of the rules published with Notifications Nos. 3352-45-32, and 3938-35, dated the 27th December 1901, and 23rd May 1906, respectively, the following rules for application to all mines in British India:—

1.—When an accident occurs in or about a mine causing loss of life or serious* bodily injury, or when an accidental explosion occurs in a mine, the owner, agent or manager of the mine shall give notice of the accident to the Chief Inspector of Mines by despatching to the Magistrate of the district or to the Sub-divisional Magistrate, for transmission to the Chief Inspector of Mines, a notice in the form set forth below, within 24 hours of the occurrence of such accident:—

No.

NOTICE OF ACCIDENT.

Indian Mines Act, 1901.

From—

To—The Chief Inspector of Mines, through the ^{District} _{Sub-divisional} Magistrate of*Dated**190 .*

SIR,

I have the honour to furnish the following particulars of a ^{fatal} _{serious} ^{accident} _{an accidental explosion} which has occurred at the Mine:—

Situation of the Mine.	
1. (Village, Station, District, Province) .	
2. Mineral worked	
3. Name and postal address of owner .	

* NOTE.—An injury is said to be serious which involves or will in all probability involve the loss of, or permanent injury to any limb, or to the sight or hearing, or fracture of any limb, or enforced absence from work for 20 days, or which is declared by any medical officer to be serious. (Circular No. 42-70-6, dated 4th September 1902, of the Government of India in the Department of Revenue and Agriculture.)

APPENDIX IV—*contd.*

4. Name and sex of persons.		Age.	Occupation.
Killed.	Injured.		
5. Date and hour of accident			
6. Place of accident			
7. Cause and description of accident			
8. Classification of accident (<i>see</i> rule 2)			
9. Nature of injury, and if fatal, cause of death			

I have the honour to be,

SIR,

Your most obedient servant,

Owner,

Agent,

Manager.

2. For the purposes of entry No. 8 in the form of notice prescribed by rule 1, one or other of the following terms shall be used, namely :—

- (1) Explosions of fire-damp; (2) falls of roof; (3) falls of side; (4) in shafts (overwinding); (5) in shafts (ropes and chains breaking); (6) in shafts (whilst ascending or descending by machinery); (7) in shafts (falling into the shaft from the surface); (8) in shafts (falling from part of the way down); (9) in shafts (things falling from the surface); (10) in shafts (things falling from part of the way down); (11) in shafts (miscellaneous); (12) suffocation by gases; (13) by explosives; (14) irruptions of water or falling into water; (15) haulage; (16) by underground machinery; (17) sundries underground; (18) by surface machinery; (19) surface boilers or pipes bursting; (20) on surface railways or tramways belonging to the mine; (21) miscellaneous on surface.

3. When any person dies from the result of an injury already reported as serious under rule 1, the owner, agent or manager of the mine shall send notice, within 24 hours of his being informed of the death, to the Chief Inspector of Mines, through the Magistrate of the district or the Sub-divisional Magistrate.

4. When a mine, seam or vein has been abandoned for more than one month, or the working thereof discontinued for more than two months, the owner of the mine, seam or vein shall, within seven days after the expiry of such period, send notice to the Chief Inspector of Mines specifying the name and situation of the mine, the name of the owner and the date and cause of abandonment or discontinuance.

5. When a mine, seam or vein is re-opened after abandonment or discontinuance, the owner shall send notice to the Chief Inspector of Mines within one month after the date of re-opening.

6. When a change occurs in the name of a mine, or of an owner or agent of a mine notice of the change shall be sent by the owner, agent or manager, to the Chief Inspector of Mines within one month after such change.

B. ROBERTSON,

Offg. Secretary to the Government of India,

APPENDIX IV—concl'd.

Nos. 7862—7877-36.

Copy forwarded to—

The Secretary to the Government of Madras, Revenue Department.
 The Secretary to the Government of Bombay, Revenue Department.
 The Chief Secretary to the Government of Bengal.
 The Chief Secretary to the Government of the Panjab.
 The Revenue Secretary to the Government of Burma.
 The Chief Secretary to the Government of Eastern Bengal and Assam.
 The Honourable the Chief Commissioner, Central Provinces.
 The Honourable the Resident and Chief Commissioner of Coorg.
 The Chief Commissioner of Ajmer-Merwara.
 The Honourable the Agent to the Governor-General and Chief Commissioner, North-
 West Frontier Province.
 The Honourable the Agent to the Governor-General in Baluchistan.

A copy is forwarded to the Foreign Department, for information.

A copy is also forwarded to the Finance Department,
Chief Inspector of Mines,
Railway Board, for information.
 Secretary, Indian Mining Association.

By order, etc.,

M. M. S. GUBBAY,

Offg. Under Secretary to the Government of India.

No. 10014—100.

GOVERNMENT OF INDIA.

DEPARTMENT OF COMMERCE AND INDUSTRY.

GEOLOGY AND MINERALS.

NOTIFICATION.

Calcutta, the 4th December 1907.

In exercise of the power conferred by section 20 (2) (v) of the Indian Mines Act, 1901 (VIII of 1901), the Governor General in Council is pleased to make the following rules for application to all mines in British India :—

Rules.

(I) If the owner, agent or manager of any mine intends to extend any mining operation under his control at or to any point within fifty yards of any railway subject to the provisions of the Indian Railways Act, 1890, he shall give the Chief Inspector of Mines and the Railway Administration concerned notice in writing of his intention so to do 60 days before the commencement of such extension.

APPENDIX IV—*contd.*

(II) If the operations in respect of which notice is given under rule I are not commenced within twelve months from the expiry of the period of 60 days therein referred to, the notice shall be held to have expired and a fresh notice shall be given by the owner, agent or manager of the mine under rule I.

(III) The notice to be given under rule I shall specify the position of the working of the mine in relation to the railway in question, the manner in which it is proposed to carry out the intended new operations, the limits to which it is proposed to carry the said operations, and whether the operations are actually in progress,—and shall include a plan showing the existing and the intended mining operations in so far as they affect the railway in question.

W. L. HARVEY,

Secretary to the Government of India.

Nos. 10015—10031-100.

* The Governments of Madras, Bombay and Burma, Revenue Department.
 The Governments of Bengal, the United Provinces, the Panjab and Eastern
 Bengal and Assam.
 The Hon'ble the Chief Commissioner, Central Provinces.
 " " Ajuer-Merwara.
 " the Resident in Mysore and Chief Commissioner, Coorg.
 " the Agent to the Governor-General and Chief Commissioner, North-
 West Frontier Province.
 The Hon'ble the Agent to the Governor-General in Baluchistan.

A copy is forwarded to
 the Local Governments
 and Administrations,
 noted in the margin,*
 and to the Foreign
 Department for informa-
 tion.

A copy is also forwarded to the
 Finance Department.
 Chief Inspector of Mines in India.
 Railway Board.
 Secretary, Indian Mining Association.

By order, etc.,

M. M. S. GUBBAY,

Under-Secretary to the Government of India.

APPENDIX V.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager, and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharia Coalfield (No. 1 Inspection Circle).										
1	Agabeg Bros. (See column No. 7).	Jogta (4 mines).	Jogta, Sijua, E. I. R.	Wilfred Hullock, <i>1st class service No. 45. Authorization, No. 189, to act as manager of more than one mine.</i>	...	...	...	534	195	
2	Agarwala, Jagannath Ramjus Jharia P. O.	Khas Jharia	Khas Jharia, Jharia, E. I. R.	O. S. Lethorn, <i>2nd class service, No. 47.</i>	...	...	...	38	33	
3	Agarwala, Lachmi Narayan Jharia P. O.	Godhur	Godhur, Kusunda, E. I. R.	...	...	...	...	...	...
4	Agarwala, Ramjus Jharia P. O.	Chandrabad (2 mines).	Chandrabad, Jharia, E. I. R.	Rup Lal Agarwala, <i>Permit No. 119. Authorization, No. 182, to act as manager of more than one mine.</i>	...	...	...	...	25	
5		Futtehpur	Futtehpur, Jharia, E. I. R.	O. S. Lethorn, <i>2nd class service, No. 47.</i>	...	...	...	44	22	
6	A. dih Coal Co. Ltd. (See column No. 7).	Bhutgoria	Bhutgoria, Jharia, E. I. R.	D. Bone, <i>1st class service, No. 5. Authorization, No. 187, to act as manager of more than one mine.</i>	...	MacNeill & Co., 2, Clive Ghat Street, Calcutta, or Post Box No. 15.	...	420	195	
7	Angarpatra Colliery Co. (Virgi Akhal & others). Katrasgarh P. O.	Angarpatra	Angarpatra, Katrasgarh, E. I. R.	Purshotam Bhimji, <i>1st class service, No. 65.</i>	...	...	...	153	17	
8		Kantaphari	Kantapahari, Katrasgarh, E. I. R.		...	...	...
9	Angarpatra (South) Coal Co. (Bejoy Krishna Banerji & Son) 22, Nayanchand Dutt Street, Calcutta.	Kantapahari	Kantapahari, Katrasgarh, E. I. R.	J. K. Chowdhuri	...	...	...	81	17	
10	Auckland Coal Co., Ltd. (See column No. 7).	Nudkhurki (East)	Nudkhurki	...	...	Lyall, Marshall & Co., 25, Mangoe Lane, Calcutta, or Post Box No. 6.	...	...	...	W. V. Hannaford, Agent
11	Bagchi, R. N. Jharia P. O.	Dobari (5 mines).	Dobari, Jharia, E. I. R.	Trivanga Chakravarty, <i>2nd class service, No. 36. Authorization, No. 186, to act as manager of more than one mine.</i>	...	...	...	60	68	

12		Bagdiggi	Bagdiggi, Jharis, E. I. R.	Keshab Chandra Sarkar, 2nd class service, No. 25.	...	...	...	...
13	Bagdiggi-Kujama Collieries, Ld. (See column No. 7).	Kujama	Kujama, Jharis, E. I. R.	Jnanendra Nath Mukherji, 1st class service, No. 91.	...	M. L. Laik and Banerji, 7, Swallow Lane, Calcutta.	...	...
14		Kujama (South)		Surendra Nath Bose				
15	Banerji & Co., Harish Chandra Katrasgarh P. O.	Chandore	Chandore, Sijus, E. I. R.	Krishna Chandra Ghosal, Permit, No. 92.	...	...	26	6
16	Banerji, Bepin Behari, Katrasgarh P. O.	Kesalpur (New)	Kesalpur, Katrasgarh, E. I. R.	Rajendra Nath Biswas, Permit, No. 128.	...	...	40	23
17	Banerji's Coal Concern, J. L. (See column No. 7).	Surataur (New)	Jharis Khas, Jharis, E. I. R.	Girendra Narayan Mukherji, 2nd class service, No. 116.	...	M. L. Laik and Banerji, 7, Swallow Lane, Calcutta.	92	21
18	Bansdeopur Coal Co. (P. H. Crest), Kusunda P. O.	Bansdeopur	Bansdeopur, Kusunda, E. I. R.	G. H. Crest, 1st class service, No. 43.	...	...	207	240
19	Bansjora Coal Co. (See column No. 7).	Bansjora (5 mines)	Bansjora, Sijus, E. I. R.	G. F. W. Bapty, 1st class competency, No. 3. Authorization, No. 163, to act as manager of more than one mine.	...	McLeod & Co., 81, Dalhousie Square, South, Calcutta, or Post Box No. 78.	132	114
20	Barakar Coal Co., Ld. (See column No. 7).	Loyabadi (10 mines)	Loyabadi, Kusunda, E. I. R.	E. S. Benierts, 1st class service, No. 21. Authorization, No. 39, to act as manager of more than one mine.	...	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	820	640
21	Barakar (North) Coal Co. Jharis P. O.	Lodna	Lodna, Jharis, E. I. R.	Joy Krishna Mitter, 1st class service, No. 40.	...	...	410	161
22	Barari (East) Coal Co. (Tricunji Jiban Dasa), 25, Pollock Street, Calcutta.	Jinagora	Jinagora, Jharis, E. I. R.	Govardhan Dass Manishanker, 1st class service, No. 76. Authorization, No. 45, to act as manager of more than one mine.	...	...	145	16
23		Parbad	Parbad, Jharis, E. I. R.	...	...	...	24	6
24	Barwabera Coal Co., (Kheti Bhusan Mukherji) Jharis P. O.	Barwabera (New)	Barwabera	Ram Hari Chatterji	...	...	...	...
25	Beebhuna (New) Coal Co., Ld. (See column No. 7).	Bansakola (3 mines)	Bansakola, Jharis, E. I. R.	Josiah Thomas, 1st class competency, No. 80, in lieu of English certificate. Authorization, No. 120, to act as manager of more than one mine.	...	Balmer, Lawrie & Co., 103, Clive Street, Calcutta, or Post Box No. 4.	204	106

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager, and No. and Class of his Certificate, Authorisation or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—contd.										
25	Bengal Bhatdih Coal Co., Ltd. (See column No. 7).	Bhatdih (8 mines).	Murulidih, Katrasgarh, E. I. R.	H. M. Bull, <i>1st class service, No. 33. Authorisation, No. 59, to act as manager of more than one mine.</i>	...	Bengal Coal Co., Ltd., 5, Fairlie Place, Calcutta, or Post Box No. 117.	...	74	51	
27	Bengal (Central) Coal Co., Ltd. (See column No. 7).	Kantapabari (West)	Kantapabari, Katrasgarh, E. I. R.	Meghji Bhimji Belia	...	..	...	71	5	
28	Bengal Coal Co., Ltd., 5, Fairlie Place, Calcutta, or Post Box No. 117.	Murulidih	Murulidih, Katrasgarh, E. I. R.	H. M. Bull, <i>1st class service, No. 33. Authorisation, No. 59, to act as manager of more than one mine.</i>	...	See column No. 2.	...	404	350	
29		Puddugora	Puddugora, Katrasgarh, E. I. R.	A. M. Thaddeus, <i>1st class service, No. 7.</i>
30	Bengal Iron & Steel Co., Ltd. (See column No. 7).	Noonoodih	Noonoodih, Jharia, E. I. R.	J. H. Stewart, <i>1st class competency, No. 73, in lieu of English certificate.</i>	...	Martin & Co., 6 & 7, Clive Street, Calcutta, or Post Box No. 28.	...	246	109	
31	Bengal Nagpur Coal Co., Ltd. (See column No. 7).	Bhuggutdih (4 mines).	Bhuggutdih, Jharia, E. I. R.	W. O. Mitchell, <i>1st class service, No. 8. Authorisation, No. 108, to act as manager of more than one mine.</i>	...	Andrew Yule & Co., 7, Clive Row, Calcutta, or Post Box No. 150.	...	526	170	
32	Bhalgora Coal Co., Ltd. (See column No. 7).	Bhalgora	Bhalgora, Jharia, E. I. R.	J. Parker, <i>1st class competency, No. 99, in lieu of English certificate.</i>	...	Sircar, Barnard & Co., 2, New China Bazar Street, Calcutta, or Post Box No. 288.	...	502	260	R. Barnard, Superintending Engineer.
33		Simlabahal	Simlabahal, Jharia, E. I. R.	D. A. Anderson, <i>1st class competency, No. 97, in lieu of English certificate.</i>
34	Bhattacharji, U. C. Sijua P. O.	Pandedih	Pandedih, Sijua, E. I. R.	W. C. Bhattacharji	...	...	...	14	3	
35	Bhulanbarari Coal Co., Ltd. (See column No. 7).	Bhulanbarari (6 mines).	Bhulanbarari, Jharia, E. I. R.	J. A. Oliver, <i>1st class competency, No. 18. Authorisation, No. 23, to act as manager of more than one mine.</i>	...	F. W. Heilgers & Co., 136, Canning Street, Calcutta, or Post Box No. 185.	...	495	388	

35	Biswas, P. K. Katrasgarh P. O.	Bamkanali	Bamkanali, Katrasgarh, E. I. R.	...	...	...	...	...
37	Borrea Coal Co., Ltd. (See column No. 7).	Bhagaband (5 mines).	Bhagaband, Jharis, E. I. R.	S. H. Seddon, <i>1st class service, No. 79. Authorization, No. 106, to act as manager of more than one mine.</i>	...	F. W. Heikens & Co., 186, Canning Street, Calcutta, or Post Box No. 185.	616	308	
38	Bose, J. N. 20, Baranasi Ghose's Street, Calcutta.	Angarpatra	Angarpatra, Katrasgarh, E. I. R.	Rajani Kanto Mukherji, <i>2nd class service, No. 192. Authorization, No. 95, to act as manager of more than one mine.</i>	...	...	103	44	
39		Kantapahari	Kantapahari, Katrasgarh E. I. R.	...	...	...	...	...
40		Kesalpur	Kesalpur, Katrasgarh, E. I. R.	Purna Chandra Burmon, <i>2nd class service, No. 73.</i>	...	...	...	32	21
41	Bose, Satish Chandra Nowagarh P. O.	Bamongarh	Bamongarh	Bani Dhar Chatteraj	...	...	...	36	26
42	B. R. & N. Coal Co. Jharis P. O.	Joyrampur	Joyrampur, Jharis, E. I. R.	Bira Majji, <i>2nd class service, No. 99.</i>	Roja Valgee	...	...	48	25
43	Budruchak Coal Mining Co., Ltd. (See column No. 7).	Budruchak (6 mines).	Budruchak, Sijus, E. I. R.	J. W. Nielsen, <i>1st class service, No. 29. Authorization, No. 151, to act as manager of more than one mine.</i>	...	Arathoon, Ltd., Vansittart Row, Calcutta, or Post Box No. 217.	153	133	
44	Bullhari Coal Co. (Suth Ranchhodas Trikamji Jiwandas). Jharis P. O.	Bullhari	Bullhari, Jharis, E. I. R.	Seth Haridas Naithu, <i>1st class service, No. 108.</i>	...	...	...	171	115
45	Bullhari Coa Concern (Khora Bamji). Jharis P. O.	Bullhari	Bullhari, Jharis, E. I. R.	Mulji Akhoy, <i>1st class service, No. 119.</i>	Nogha Teja	...	...	97	59
46	Burragarh, Coal Co., Ltd. (See column No. 7).	Burragarh	Burragarh, Jharis, E. I. R.	J. B. Wardlaw, <i>1st class competency, No. 73, in lieu of English certificate.</i>	...	Sircar, Bernard & Co., 2, New China Bazar Street, Calcutta, or Post Box No. 288.	445	188	
47	Busserya Coal Co., Ltd. (See column No. 7).	Busserya	Busserya, Kusunda, E. I. R.	Butto Kristo Dash, <i>2nd class service, No. 94.</i>	...	Bhola Nath Dash & Co., Lalbagan, Chandernagore P. O.	198	111	
48	Chakrabarty, Krishnajibon 40, Clive Street, Calcutta.	Jinagora	Jinagora, Jharis, E. I. R.	Upendra Nath Chakreri, <i>Permit, No. 82.</i>	...	...	...	14	11
49	Chandore Coal Co. (P. K. Roy & others). Katrasgarh P. O.	Chandore (2 mines).	Chandore, Katrasgarh, E. I. R.	Dhon Kristo Mazumdar, <i>Permit, No. 126.</i>	58	10

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APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager, and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—contd.										
50	Chandra, Girish Chandra Katragarh P. O.	Ramkanali (2 mines).	Ramkanali, Katragarh, E. I. R.	Nagendra Nath Dass, Permit, No. 46.	...	...	...	24	6	
51	Chandra, Haresmal Ram Katragarh P. O.	Tettulia (2 mines).	Tettulia, Katragarh, E. I. R.	Jogadamba Prasad Lal, 2nd class service, No. 53. Authorization, No. 32, to act as manager of more than one mine.	...	...	...	180	80	
52	Chatterji, Singh & Co. (Rajendra Nath Chatterji & Gour Mohan Singh). Nowagarh P. O.	Borora	Borora	Ramesh Chandra Das Gupta.	...	...	...	3	2	
53	Choudhuri, Satya Tarun Sijua P. O.	Pandedih	Pandedih, Sijua, E. I. R.	Manmatha Nath Mukherji, Permit, No. 101.	...	...	...	50	16	
54	Choni Lal Coal Co. Kusunda P. O.	Bulliar	Bulliar, Kusunda, E. I. R.	Ram Chandra Marwari, 1st class service, No. 103. Authorization, No. 29, to act as manager of more than one mine.	...	...	...	101	40	
55	Chotto Lal Kutchi Sijua P. O.	Pandedih	Pandedih, Sijua, E. I. R.	...	...	...	...	...	...
56	C. M. & Co. (Chimanlal Mangaldas Keshan Lal Parekh). Nowagarh P. O.	Kendwadih	Kendwadih	Bhachand Naku Doshi	...	...	...	28	40	
57		Koradih	.....	Bepin B. Sircar, 2nd class service, No. 78.	...	...	...	55	24	
58	Das, L. H. Jharia P. O.	Kujama	Kujama, Jharia, E. I. R.	Lira Walji, 1st class service, No. 107.	...	...	...	130	110	
59		Paudeybera	Kujama, Jharia, E. I. R.		...	...	...	65	34	
60	Das, R. B. Kusunda P. O.	Gararia	Gararia, Kusunda, E. I. R.	Ashutosh Dutta, Authorization, No. 10, to manage the mine temporarily.	...	...	...	50	34	

61	Dheriajoba Coal Co. (S. B. Bose), Kusunda P. O.	Dheriajoba	Dheriajoba, Kusunda, E. I. R.	Khudi Ram Banerji, Permit, No. 134.	...	...	28	9
62	Dobari Coal Co. (S. B. Banerji & B. K. Sabana). (See column No. 7).	Dobari	Dobari, Jharis, E. I. R.	Natabar Dass, 2nd class service, No. 68. Authority, No. 137, to act as manager of more than one mine.	...	Woomesh Chander Banerji, 88, Chunar-pukur Lane, Calcutta.	10	5
63		Ganhudi	Ganhudi				45	20
64	Doss, Ganji & Khunji Jharis P. O.	Futtehpur	Futtehpur, Jharis, E. I. R.	Ganji Doss, 2nd class service, No. 127.	...	...	17	11
65	Dumra Coal Co. Nowagarh P. O.	Finalgoria	Finalgoria	Ram Recha Singh, Permit, No. 131.	...	...	18	13
66	Dutt, B. L. Katrasgarh P. O.	Ramkanali	Ramkanali, Katrasgarh, E. I. R.	Bihari Lall Dutt, 1st class service, No. 70.	...	...	18	8
67	East Indian Coal Co., Ltd. (See column No. 7).	Brahmanbarari & Bhulanbarari.	Brahmanbarari & Bhulanbarari, Jharis, E. I. R.	H. G. Fleury, 1st class service, No. 35.	E. Miller	...	1,288	905
68		Bullhari and Khara.	Bullhari & Khairs, Kusunda, E. I. R.	R. G. M. Bathgate, 1st class competency, No. 8, in lieu of English certificate.	...	Jardine, Skinner & Co., 4, Clive Row, Calcutta, or Post Box No. 51.	480	149
69		Kendwadih	Kendwadih, Kusunda, E. I. R.				696	396
70		Sutikdih	Sutikdih	H. G. Fleury, 1st class service No. 35.	...	...	135	46
71	Bhowra (9 mines).	Bhowra, Jharis, E. I. R.	R. J. Browne, 1st class competency, No. 17, in lieu of English certificate. Authorization, No. 171, to act as manager of more than one mine.	...	...	742	126	
72	Eastern Coal Co., Ltd. (See column No. 7).	Kankani	Kankani, Sijua, E. I. R.	A. B. Crole, 1st class competency, No. 49, in lieu of English certificate.	...	Mackinnon, Mackenzie & Co., 16, Strand, Calcutta, or Post Box No. 163.	522	548
73		Pootki (2 mines).	Pootki, Jharis, E. I. R.	R. J. Browne, 1st class competency, No. 17, in lieu of English certificate. Authorization, No. 171, to act as manager of more than one mine.		
74	Empire Coal Co., Ltd. (See column No. 7).	Sudaandih	Sudaandih, Jharis, E. I. R.	T. Thompson, 1st class service, No. 57.	...	Williamson, Mager & Co., 4, Mangoe Lane, Calcutta, or Post Box No. 177.	72	104

J. J. Turnbull, Agent.

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—contd.										
75	Equitable Coal Co., Ltd. (See column No. 7).	Hariladih .	Hariladih, Jharia, E. I. R.	D. Bone, 1st class services, No. 9. Authorization, No. 127, to act as manager of more than one mine.	...	MacNeill & Co., 2, Clive Ghat Street, Calcutta, or Post Box No. 15.	...	270	67	
76	Ghansham Das Coal Co. Nowagarh P. O.	Pinalgoria .	Pinalgoria	Rambaran Roy, Permit, No. 134.	...	.....	...	12	15	
77	Ghela Panchan & Co. Jharia P. O.	Joyrampur .	Joyrampur, Jharia, E. I. R. (Lower).	Narendra Nath Bose, Permit, No. 117.	...	.....	...	56	24	
78	Ghosal, Chatterji & Co. Sijua P. O.	Khas Paredih .	Khas Paredih	Moheswar Ghosal, Permit, No. 139.	...	.....	...	31	9	
79	Ghosh, Akshaya Kumar Katrasgarh P. O.	Dharmuband .	Dharmuband	Bhola Nath Misra Permit, No. 114.	...	.....	...	14	10	
80	Gobindpur Coal Co., Ltd., Katrasgarh P. O.	Gobindpur .	Gobindpur, Katrasgarh, E. I. R.	Geo. St. J. D. Wills, 1st class services, No. 69. Authorization, No. 83, to act as manager of more than one mine.	...	F. W. Heilgers & Co., 136, Canning Street, Calcutta, or Post Box No. 185.	...	86	110	
81	Gobindpur (South) Collieries, Ltd. (See column No. 7).	Gobindpur .	Gobindpur, Katrasgarh, E. I. R. (South).	Jagabandhu Banerji, 1st class services, No. 110.	...	M. L. Leik & Banerji, 7, Swallow Lane, Calcutta.	...	136	34	Formerly owned by R. B. Singh.
82	Gopalichak Coal Co., Ltd. (See column No. 7).	Gopalichak .	Gopalichak, Jharia, E. I. R. (2 mines).	M. J. Adamson, 1st class services, No. 51. Authorization, No. 155, to act as manager of more than one mine.	...	McLeod & Co., 31, Dalhousie Square, South, Calcutta, or Post Box No. 78.	...	460	280	
83		Gopalichak (West)	Kurkend, Kusunda, E. I. R. (3 mines).							
84	Gorsin, N. L., and others Jharia P. O.	Jairamdih .	.....	Bansraj Sikdar, Permit, No. 89.	...	.. . . .	...	35	13	
85	Gorsin, Ram Ranu 12, Kalakar Street, Calcutta.	Kendwadih .	Kendwadih, Jharia, E. I. R.	Bhola Nath Ghosh, Permit, No. 115.	...	.....	...	31	14	
86	G. P. C. & Co. (Gova Petha) Jharia P. O.	Jinagara .	Jinagara, Jharia, E. I. R.	Gova Petha . . . . .	...	.....	...	80	30	

87	Hariladh Coal Co., Ld. (See column No. 7).	Burragarh .	Burragarh Jharis, E. I. R.	Geo. Miller, <i>1st class competency, No. 57, in lieu of English certificate.</i>	...	MacNeill & Co., 2, Clive Ghat Street, Calcutta, or Post Box No. 15.	...	...	...	Figures included in that of Kendwadih.
88		Kendwadih .	Kendwadih, Jharis, E. I. R.	D. Bone, <i>1st class service, No. 9. Authorization, No. 127, to act as manager of more than one mine.</i>	...	...	272	81	Includes figures for Burragarh.	
89	Hockly, W. A. Jharis P. O.	Ramkanali .	Ramkanali, Katrasgarh, E. I. R.	E. Lightle, <i>Permit, No. 25.</i>	...	.....	...	...	...	...
90	Howji, Tribhuban Dass Kusunda P. O.	Gararia .	Gararia, Kusunda, E. I. R.	Dollabji Howji, <i>2nd class service, No. 97.</i>	Ramji Furushuttam.	.....	...	91	70	...
91	Huntodih Coal Co., Ld. (See column No. 7).	Huntodih (9 mines).	Huntodih, Katrasgarh, E. I. R.	A. G. Haila, <i>1st class service, No. 61. Authorizations, Nos. 102 and 109, to act as manager of more than one mine.</i>	...	Shaw, Wallace Co., 20, Strand Road, Calcutta, or Post Box No. 70.	...	108	161	...
92	Indian Collieries Syndicate, Ld. (See column No. 7).	Jamadoba .	Jamadoba, Jharis, E. I. R.	E. H. Dundas, <i>1st class competency, No. 38, in lieu of English certificate.</i>	B. Fleming	Kilburn & Co., 4, Fairlie Place, Calcutta, or Post Box No. 61.	...	1,845	487	...
98	Jharis Coal Association (S. K. Mukherji) Sijua P. O.	Pandedih .	Pandedih, Sijua, E. I. R.	Jamini Nath Bhattacharji, <i>Permit, No. 98.</i>	...	.....	...	...	...	...
94	Jharis Coal Syndicate (See column No. 7).	Emampahari .	Kujama, Jharis, E. I. R.	Sashi Bhusan Mukherji, <i>Permit, No. 110.</i>	...	Surendra Nath Sen, Kolla Bose's Lane, Ramkrishnapur, Howrah P. O.	...	28	14	...
95	Jharis Coal Syndicate, Ld. (See column No. 7).	Dherisajoba .	Dherisajoba, Kusunda, E. I. R.	F. Miller, <i>1st class competency, No. 29, in lieu of English certificate.</i>	...	Jardine, Skinner & Co., 4, Clive Row, Calcutta.	...	190	55	...
96	Jharis Colliery Co., Ld. (See column No. 7).	Bhaga .	Bhaga, Jharis, E. I. R.	W. A. Hockly, <i>1st class service, No. 39.</i>	T. Simpson	Hoare, Miller & Co., 38, Strand Road, Calcutta, or Post Box No. 63.	...	202	117	...
97	Jharis (East) Coal Co., Ld.	Jharis (East) or Goluckdih.	Goluckdih, Jharis, E. I. R.	E. A. Whyta, <i>1st class service, No. 74.</i>	...	Shaw, Wallace & Co., 20, Strand Road, Calcutta, or Post Box No. 70.	...	170	44	Previously owned by the Great Eastern Coal Co.
98	Jharis Katras Coal Co. (Bihari Lal Trigunait) Katrasgarh P. O.	Brarobara .	Brarobara, Katrasgarh, E. I. R.	Frankishore Trigunait, <i>Permit, No. 140.</i>	...	.....	...	15	20	...
99	Jharis (South) Coal Co. Bhujadh P. O.	Kandra (Upper)	Upper Kandra .	Valamji Nensi .	...	.....	...	...	...	...

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number	Name of Owner or Company arranged in alphabetical order and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Spools Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—contd.										
100	John and Arratoon Kusunda P. O.	Ramgarh	Tetturia Ramgarh.	Ashutosh Ghosh	...	.....	...	8	5	
101	Joyrampur Coal Co. Jharia P. O.	Joyrampur	Joyrampur, Jharia, E. I. R.	Ramji Halo, 2nd class service, No. 160.	...	.....	...	100	30	
102	Joyrampur Coal Concern (J. K. Mukherji) 53, Chunapukur Lane, Calcutta.	Joyrampur	Joyrampur, Jharia, E. I. R.	Puranjan Mukherji Permit, No 53.	...	.....	...	35	26	
103	Jumoni Coal Co. Ltd. (See column No. 7).	Madhuband (6 mines).	Madhuband, Katrasgarh, E. I. R.	L. St. J. Kelly, 1st class service, No. 42. Authorization, No. 99, to act as manager of more than one mine.	...	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	...	339	265	H. C. Veasey, Agent.
104	Kabiraj, R. C. Sijua P. O.	Pandedih	Pandedih, Katrasgarh, E. I. R.	.....	...	.....	...	...	...
105	Kanga & Co. Kusunda P. O.	Alkusa	Alkusa, Kusunda, E. I. R.	Ananta Ram Bhor, 2nd class competency, No. 26.	...	.....	...	175	109	
106		Kiaka	Kiaka, Kusunda, E. I. R.							
107	Katras Oriental Coal Syndicate Katrasgarh P. O.	Pandedih	Pandedih, Katrasgarh, E. I. R.	Bepin Behari Roy, Permit, No. 71.	...	.....	...	16	11	
108	Kendwadih Coal Co. Gajadhar Marwari, Nogendra Nath Mandal and Mukundaram Rai Nowagarh P. O.	Kendwadih	Kendwadih, Jharia, E. I. R.	Mukunda Lal Mondal, 2nd class service, No. 77.	...	.....	...	18	19	
109	Kesurgurah Coal Co. (See column No. 7).	Kesurgurah	.....	Kumuda Nath Bose, 2nd class service, No. 158.	...	M. L. Laik & Banerji, 7, Swallow Lane, Calcutta.	...	60	30	
110	Khaira Coal Syndicate, Ltd. (See column No. 7).	Khaira	Khaita, Kusunda, E. I. R.	F. Miller, 1st class competency, No. 29, in lieu of English certificate.	...	Jardine, Skinner & Co., 4, Clive Street, Calcutta, or Post Box No. 51.	...	180	40	
111		Kurkend	Kurkend, Kusunda, E. I. R.							
112	Khan Brothers (See column No. 7).	Kujama	Kujama, Jharia, E. I. R.	Abass Khan	...	Dr. G. N. Khan, 33, Canning Street, Calcutta.	...	29	76	
113	Khan, Rahim Feroz Katrasgarh P. O.	Tundu	Tundu, Katrasgarh, E. I. R.	Rauf Khan, Permit, No. 33.	...	.....	...	46	22	

114	Khandesh, Berar and Gujrat Coal Concern (Bastamji Ardesir Mascadam.) Jharia P. O.	Chandrabad (2 mines).	Jharia, Jharia, E. I. R.	Nowroji Nusservanji Ghandi.	...	.....	...	55	10	
115	Khas Jharia Coal Co. Jharia P. O.	Phularibad	Khas Jharia, Jharia, E. I. R.	Jnanendra Nath Mukherji, 1st class service, No. 91.	...	.....	...	108	44	
116	Khas Jharia Colliery Co. (See column No. 7).	Khas Jharia	Khas Jharia, Jharia, E. I. R.	John Wilson, 1st class competency, No. in lieu of English certificate.	...	F. W. Heilgers & Co., 136, Canning Street, Calcutta, or Post Box No. 185.	...	300	160	G. M. Darby, Agent.
117	Khengarji Triku & Co. Jharia P. O.	Joyrampur	Joyrampur, Jharia, E. I. R.	Mawji Rudra, Permit, No. 96.	...	.....	...	48	19	
118	Khimji Moorji & Co. Jharia P. O.	Joyrampur	Joyrampur, Jharia, E. I. R.	Gowaml Khimji, Permit, No. 112.	...	.....	...	50	25	
119	Khora Ramji Kutchi Jharia P. O.	Jharia Khas	Jharia Khas, Jharia, E. I. R.	...	...	.....	...	77	40	
120	Koondoo, Sunda Charan & Sambhu Babu's Lane, Calcutta.	Kesalpur	Kesalpur, Katrasgarh, E. I. R.	Charu Chandra Banerji, Permit, No. 72.	...	.....	...	29	20	
121	Kor, Sri Hari Jaydebkundli P. O., Birbhum.	Dobari	Dobari, Jharia, E. I. R.	Dhon Hari Kor	...	.....	...	27	12	
122	Kujama (North) Coal Co. Jharia P. O.	Kujama	Kujama, Jharia, E. I. R.	...	...	.....	...	72	48	Lately Sainthia Coal Company's Muburiband Colliery.
123	Kurkend (Central) Coal Co., Ltd. (See column No. 7).	Kurkend	Kurkend, Kusunda, E. I. R.	D. A. Whyte, 1st class service, No. 45.	...	Anderson, Wright & Co., 22, Strand Road, Calcutta, or Post Box No. 140.	...	338	325	
124	Kurkend Coal Co. (P. C. Roy and others) Kusunda P. O.	Kurkend	Kurkend, Kusunda, E. I. R.	Indra Narayan Chandra, 1st class service, No. 89. Authorization, No. 185, to act as manager of more than one mine.	...	.....	...	120	40	
125	Kusunda and Nayadi Collieries, Ltd. (See column No. 7).	Kusunda and Nayadi	Kusunda, Kusunda, E. I. R.	C. L. Phillips, 1st class service, No. 100.	G. John, 1st class service, No. 44.	Martin & Co., 6 and 7, Clive Street, Calcutta, or Post Box No. 28.	...	1,604	680	
126	Lakorka Coal Co., Ltd. (See column No. 7).	Lakorka	Lakorka, Katrasgarh, E. I. R.	Lalit Mohan Chowdhuri, 1st class service, No. 53.	...	M. L. Laik and Banerji, 7, Swallow Lane, Calcutta.	...	311	251	
127	Lall, Daroga Katrasgarh P. O.	Belanjabad	Belanjabad	Ram Ranjan Sikdar	...	.....	...	6	15	

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—contd.										
128	Lodna Colliery Co., Ltd. (See column No. 7).	Chasnalla . . .	Chasnalla, Jharia, E. I. R.	T. C. Murray, <i>1st class service, No. 66.</i>	...	Turner, Morrison & Co., 6, Lyons Range, Calcutta, or Post Box No. 68.	...	52	198	
129		Lodna (5 mines).	Lodna, Jharia, E. I. R.	H. J. Chambers, <i>1st class competency, No. 10, in lieu of English certificate.</i>	...		...	1,087	817	
130		Madhuband . . .	Madhuband . . . . .		...		...
131	Lutchipur Coal Co., Ltd. (See column No. 7).	Choitodih . . .	Choitodih, Katrasgarh, E. I. R.	T. C. Barker, <i>1st class service, No. 67. Authorization, No. 40, to act as manager of more than one mine.</i>	...	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	...	284	450	H. C. Veasey, General Manager.
132	Mahato, Baidya Nath . . . Katrasgarh P. O.	Bahirdih . . .	.....	Dawrika Prasad Lala, Permit, No. 87.	...	.....	...	...	...
133	Manbhun (New) Coal Co., Ltd. (See column No. 7).	Ganzlatau . . .	Ganzlatau, Sijua, E. I. R.	T. C. Piggford, <i>1st class competency, No. 67, in lieu of English certificate. Authorization, No. 148, to act as manager of more than one mine.</i>	...	Octavius Steel & Co., 14, Old Court House Street, Calcutta, or Post Box No. 55.	...	168	110	
134	Marine Coal Co., Ltd. (See column No. 7).	Kurkend (East) . . .	Kurkend, Kusunda, E. I. R.	R. F. Augier, <i>1st class service, No. 26.</i>	...	McLeod & Co., 31, Dalhousie Square, South, Calcutta, or Post Box No. 78.	...	55	110	(Lately owned by the East Kurkend Coal Company.)
135	Motiram Coal Co. Kusunda P. O.	Kurkend . . .	Kurkend, Kusunda, E. J. R.	Ram Chandra Marwari, <i>1st class service, No. 108. Authorization, No. 39, to act as manager of more than one mine.</i>	...	.....	...	170	80	
136	Mucheridih Coal Syndicate (See column No. 7).	Mucheridih . . .	Mucheridih	W. H. Topham, <i>1st class competency, No. 11. Authorization, No. 118, to act as manager of more than one mine.</i>	...	Bagram & Co., 14½ Clive Street, Calcutta.	...	125	121	

137	Mukherji & Co., K. L. . Katrasgarh P. O.	Tettulia . . .	Tettulia, Katrasgarh, E. I. R.	Poolin Behari Mitra, <i>1st class service, No. 56.</i>	...	...	...	...	...	...
138	Mukherji & Co., S. K. Sijua P. O.	Pandedih . . .	Pandedih, Sijua, E. I. R.	Nanda Lal Mukherji . . .	...	...	...	52	13	
139	Muttigurra Coal Co., Ld. (See column No. 7).	Muttigurra . . .	Muttigurra . . .	F. B. Foster, <i>1st class service, No. 47.</i>	...	Octavius Steel & Co., 14 Old Court House Street, Calcutta, or Box No. 55.	...	...	...
140	Nandi, Maharaja Manindra Chandra, Cossimbazar P. O., Murshidabad.	Ekra Khas . . .	Ekra, Kusunda, E. I. R.	Basanto Kumar Roy, <i>1st class service, No. 88.</i>	...	...	...	400	62	Monmotho Nath Roy, General Manager.
141	Nauji, Khanji & Sanji Jharis P. O.	Kujama . . .	Kujama, Jharis, E. I. R.	Valji Kheta, <i>2nd class service, No. 76.</i>	...	...	...	88	...	
142	National Coal Co. (Bachha Kinkur Chattoraj) Katrasgarh P. O.	Chandore . . .	Chandore, Sijua, E. I. R.	Upendra Nath Nandi, <i>Permit, No. 131.</i>	...	...	...	15	4	
143	North-West Coal Co., Ld. (See column No. 7).	Ena . . . (3 mines).	Ena, Jharis, E. I. R.	W. C. Heysham, <i>1st class service, No. 79. A u t h o r i z a t i o n, No. 101, to act as manager of more than one mine.</i>	...	Andrew, Yule & Co., 7, Clive Row, Calcutta, or Post Box No. 150.	...	130	80	
144	Nowagarh Coal Co., Ld. (See column No. 7).	Katras (13 mines).	Katras, Katrasgarh, E. I. R.	T. K. Fleischer, <i>1st class service, No. 10, Authorization, No. 35, to act as manager of more than one mine.</i>	...	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	...	640	437	H. C. Veasey, General Manager.
145	Nudkharuki Coal Co. (See column No. 7).	Nudkharuki (14 mines).	Nudkharuki . . .	Gopal Chandra Bhutta- charji, <i>1st class service, No. 77. A u t h o r i z a - t i o n, No. 165, to act as manager of more than one mine.</i>	...	Shragers, Ld., 7, Swallow Lane, Calcutta.	...	96	26	
146	Pain, B. L. Katrasgarh P. O.	Chandore . . .	Chandore Sijua, E. I. R.	Narendra Nath Roy, <i>Permit, No. 8.</i>	...	...	...	35	24	
147	Pandaknali Coal Co., Ld. (See column No. 7).	Pandakanali (3 mines).	Pandakanali . . .	B. S. Field, <i>1st class competency, No. 92, in lieu of English certi- ficate. A u t h o r i z a - t i o n, No. 176, to act as manager of more than one mine.</i>	...	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	...	...	...	E. S. Bennertz, Agent.
148	Pandedih Coal Syndicate (Bojrangbali Singh, Mit Nanayan Singh & Munshi Lal Mistry) Katrasgarh P. O.	Pandedih . . .	Pandedih, Sijua, E. I. R.	Raghu Nath Lal . . .	...	...	...	18	5	

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—contd.										
149	Pandeybera Colliery Co. (Daya Sankar Shamji) Jharia P. O.	Pandeybera	Kujama, Jharia, E. I. R.	Daya Sankar Shamji, 2nd class service, No. 19.	...	...	...	51	37	
150	Parasea Collieries, Ltd. (See column No. 7).	Nichitpur	Nichitpur	F. L. Cork, 1st class service, No. 30.	...	Shaw, Wallace & Co., 20, Strand Road, Calcutta, or Post Box No. 70.	...	...	...
151	Parelgaria Coal Co. (Komolram Marwari) Kusunda P. O.	Parelgaria	Damra	Kishory Mohan Chatterji.	...	...	...	20	26	
152	Patel & Co. Kusunda P. O.	Kusunda	Kusunda, Kusunda, E. I. R.	Keshob Chandra Mitter, 2nd class service, No. 60.	...	...	...	70	56	
153	Phularitand Coal Co., (See column No. 7).	Phularitand (4 mines).	Phularitand	Rhys Davies, 1st class competency, No. 42, in lieu of English certificate. Authorization, No. 177, to act as manager of more than one mine.	...	N. C. Sircar & Sons, 5, Clive Ghat Street, Calcutta, or Post Box No. 285.	...	102	20	CO
154	Pipratand Coal Co., Ltd. (See column No. 7).	Pipratand	Pipratand	John Marshall, 1st class competency, No. 85, in lieu of English certificate.	...	Williamson, Magor & Co., 4, Mangoe Lane, Calcutta, or Post Box No. 177.	...	63	46	
155	Premji and Devahi Hamir Jharia P. O.	Durgapur	Durgapur, Jharia, E. I. R.	Devasi Hamir, 2nd class service, No. 1. Authorization, No. 178, to act as manager of more than one mine.	...	...	...	90	70	
156		Futtehpur	Futtehpur, Jharia, E. I. R.	
157	Baba and Son, Sasi Bhusan (See column No. 7).	Godhur (4 mines).	Godhur, Kusunda, E. I. R.	Purna Chunder Biswas 1st class service, No. 105. Authorization, No. 87, to act as manager of more than one mine.	...	...	...	151	59	Lately owned by Mylne & Co.
158	Ranidih Coal Co. (Sasi Bhusan Chatterji.) (See column No. 7).	Ranidih (4 mines).	Ranidih, Katrasgarh, E. I. R.	H. O. Hailes. Permit, No. 116. Authorization, No. 174, to act as manager of more than one mine.	...	S. Chatterji & Sons, 50, Nandaram Sen's Street, Calcutta.	...	...	...

159		Kustore No. 1, District (Workings at Ganbudi and North of Alkusa.)		S. Kirk, 1st class competency, No. 79, in lieu of English certificate.	...	.....	...	226	135
160	Baniganj Coal Association, Ltd. (See column No. 7).	Kustore No. 2, District (Workings North of Kustore and South of Alkusa.)	Kiske, Kusunda, E. I. R.	J. B. Wilkinson, 1st class competency, No. 6, Authorization, No. 114, to act as manager of more than one mine.	...	Kilburn & Co., 4, Fairlie Place, Calcutta, or Post Box No. 61.	...	14	142
161		Kustore No. 3 District (15 and 16 seams.)		R. F. Campbell, 1st class competency, No. 56, in lieu of English certificate.	...	.....	...	168	135
162	Reliance Coal Co., Ltd. (See column No. 7).	Mudidih (8 mines).	Mudidih, Sijua, E. I. R.	A. A. V. Sam, 1st class service, No. 48. Authorization, No. 41, to act as manager of more than one mine.	...	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	...	750	396
168	R. M. R. Coal Concern Jharia P. O.	Joyrampur	Joyrampur, Jharia, E. I. R.	Mavji Gokal, 2nd class service, No. 121.	...	.....	...	70	27
164	Roy, J. K. Kusunda P. O.	Kusunda	Kusunda, Kusunda, E. I. R.	D. W. C. Smith, 2nd class service, No. 146.	...	.....	...	60	40
165	Roy, Moheswar & Srikontho Kusunda P. O.	Gararia	Gararia, Kusunda, E. I. R.	Brojo Kishore Sen, Permit, No. 35.	...	.....	...	43	53
166		Gansadih	Gansadih	Indra Narayn Chandra, 1st class service, No. 89. Authorization, No. 185, to act as manager of more than one mine.	...	.....	...	70	30
167	Roy, F. C. Katrasgarh P. O.	Bamkanali	Bamkanali, Katrasgarh, E. I. R.	Gosto Behari Mozumdar, Permit, No. 132.	...	.....	...	55	14
168		Surataur	Jharia Khas, Jharia, E. I. R.	Pran Krishna Mozumdar, 2nd class service, No. 60.	...	.....	...	46	46
169	Sanker, T. R. Kusunda P. O.	Gararia	Gararia, Kusunda, E. I. R.	Chuni Lal	...	.....	...	...	...
170	Seal, K. B. Jharia P. O.	Surataur	Jharia Khas, Jharia, E. I. R.	Ananta Lal Mukherji	Hari Prafulla Mukherji, 2nd class competency, No. 17.	.....	...	165	44
171	Selectad Coal Co. (Kalisuji Shamji). (See column No. 7).	Kusunda	Kusunda, Kusunda, E. I. R.	Deoram Pureshotam Vankani, 2nd class service, No. 30.	...	Kanji Monji & Co., 210, Harrison Road, Calcutta.	...	99	38

APPENDIX V—*contd.*

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—*contd.*

Serial number.	Name of Owner or Company arranged in alphabetical order and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorisation or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharlia Coalfield (No. 1 Inspection Circle)—<i>contd.</i>										
172	Sendra Coal Co., Ltd. (See column No. 7).	Sendra (2 mines).	Sendra, Sijua, E. I. B.	N. Miller, 1st class services, No. 50. Authorisation, No. 141, to act as manager of more than one mine.	...	F. W. Heilgers & Co., 136, Canning Street, Calcutta, or Post Box No. 185.	...	137	88	
73	Sijua Coal Co., Ltd. (See column No. 7).	Sijua (17 mines).	Sijua, Sijua, E. I. B.	Joseph Miller, 1st class services, No. 80. Authorisation, No. 157, to act as manager of more than one mine.	...	Balmer, Lawrie & Co., 109, Clive Street, Calcutta, or Post Box No. 4.	...	311	562	
174	Singh & Co., Atma Nowgarh P. O.	Khalsa	Bodora	.....	...	.....	..	30	10	
175	Singh, Bir Khatragarh F. O.	Kesalpur (Imperial) (3 mines).	Kesalpur, Khatragarh, E. I. B.	Ramantar Singh, Permit, No. 120. Authorisation, No. 188, to act as manager of more than one mine.	...	.....	...	...	...
176	Singh, Gour Mohan, Baroragarh, Nawagarh P. O.	Mandra Khas	Mandra	Ramesh Chandra Das Gupta. Permit No. 111.	...	.....	...	...	...
177	Singh, Jit Narayan and Mit Narayan, Khatragarh P. O.	Mandra	Mandra	Sahid Khan	...	.....	...	...	...
178	Singh, Jorabar Sijua P. O.	Pandedih	Pandedih, Sijua, E. I. B.	.....	...	.....	...	...	...
179	Sinidih Coal Co., Ltd. (See column No. 7).	Sinidih (3 mines).	Sinidih	John White, 1st class competency, No. 31, in lieu of English certificate. Authorisation, No. 180, to act as manager of more than one mine.	...	Williamson, Magor & Co., 4, Mangoe Lane, Calcutta, or Post Box No. 177.	...	134	235	
180	Sinidih Coal Concern (See column No. 7).	Sinidih	Sinidih	Noni Dhon Bhattacharj	...	Dr. G. N. Khan, 33, Canning Street, Calcutta.	...	50	50	

181	Sircar, R. B. Kusunda P. O.	Kurkend	Kurkend, Kusunda, E. I. R.	Mathura Nath Ghosh, 2nd class service, No. 8.	.....	.....	.....	.....	.....
182	Smith, C. J. (See column No. 7).	Bagdiggi (3 mines)	Bagdiggi, Jharia, E. I. R.	J. W. Murphy, 1st class competency, No. 7. Authorization, No. 150, to act as mana- ger of more than one mine.	..	Heave, Miller & Co., 38 Strand Road, Cal- cutta, or Post Box No. 63.	...	551	181	
183	Sowardih Coal Co. (N. L. Gorain and others) Jharia P. O.	Sowardih	Sowardih, Jharia, E. I. R.	Hari Prosanna Ghose	...	.....	...	152	125
184	Srimani, J. N. Katrasgarh P. O.	Angarpatra	Angarpatra, Sijua, E. I. R.	Rakhal Das Mukherji, 2nd class service, No. 76.	...	.....	...	110	85
185		Kantapahari	Kantapahari, Sijua, E. I. R.	Sasi Bhusan Banerji. Permit, No. 58.	...	.....	...	80	20
186	Standard Coal Co., Ltd. (See column No. 7).	Benahir	Benahir, Jharia, E. I. R.	G. M. Darby, 1st class service, No. 1.	S. B. Banerji	F. W. Heilgers & Co., 136, Canning Street, Calcutta, or Post Box No. 185.	...	400	250	
187		Hariladih	Hariladih, Jharia, E. I. R.	N. Miller, 1st class service, No. 50. Authorization, No. 14, to act as manager of more than one mine.	135	95
188		Jharia Khas	Jharia Khas, Jharia E. I. R.	Walter Jardine, 1st class competency, No. 86, in lieu of English certificate.	425	230
189	Sudamdih Coal Co., Ltd. Jharia P. O.	Sudamdih	Sowardih, Jharia, E. I. R.	W. T. S. Gibson	...	N. C. Sircar & Sons, 5, Clive Ghat Street, Cal- cutta, or Post Box No. 285.	...	87	51	
190	Sudamdih Coal Co., Ltd. Kusunda P. O.	Kurkend	Kurkend, Kusunda, E. I. R.	John Knox, 1st class competency, No. 54, in lieu of English certi- ficate.	220	78	Lately owned by the Jewel Coal Co.,
191	Sudriadih Coal Co., Ltd. Nowagarh P. O.	Sudriadih	Sudriadih, Katrasgarh, E. I. R.	W. Combey, 1st class competency, No. 68, in lieu of English certi- ficate.	...	Shaw, Wallace & Co., 20, Strand Road, Cal- cutta, or Post Box No. 70.	...	110	135	
192	Tandabari Coal Syndicate Sijua P. O.	Tandabari (4 mines)	Tandabari	Ras Behari Basu, Per- mit, No. 96.	...	.....	...	72	91
193	Tentulia Colliery Co. Katrasgarh P. O.	Tentulia (6 mines)	Tentulia	Gosta Behary Roy, 2nd class service, No. 124. Authorization, No. 161, to act as manager of more than one mine.	...	D. N. Ghosh & Bros., North Bantra, Howrah.	...	106	50	E. M. Patterson, Man- aging Director.

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	Persons		REMARKS.
								Below ground.	Above ground.	
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—concl'd.										
194	Tetturia (New) Coal Co., Ltd. Katrasgarh P. O.	Tetturia (6 mines).	Tetturia, Katrasgarh, E. I. R.	Geo. Emmerson, 1st class competency, No. 83, in lieu of English certificate. Authorization, No. 162, to act as manager of more than one mine.	...	Shaw, Wallace & Co., 20, Strand Road, Calcutta, or Post Box No. 70	...	737	188	
195	Tetturia (West) Collieries, Ltd. (C. M. Carapet) Katrasgarh P. O.	Tetturia	Tetturia, Katrasgarh, E. I. R.	R. S. Ashcroft, Authorization, No. 4, to manage the mine temporarily.	...	.....	...	112	102	
196	Titilmuri Coal Co., Ltd. Sijua P. O.	Titilmuri (3 mines).	Titilmuri, Sijua, E. I. R.	E. G. Seth Sam, 1st class service, No. 75. Authorization, No. 42, to act as manager of more than one mine.	...	.....	...	400	185	C. H. Armstrong, Managing Director.
197	Trigunait, Bhubaneswar Sijua P. O.	Pandedih	Pandedih, Sijua, E. I. R.	Sasi Bhusan Ghosh, 2nd class service, No. 52.	...	.....	...	..	...	Figures included in M. Trigunait's Angarpatra and Kantapahari collieries.
198	Trigunait, Brojo Bhusan Katrasgarh P. O.	Chandore	Chandore, Sijua, E. I. R.	Sasi Bhusan Ghose, Permit, No. 93.	...	.....	...	71	41	
199		Ramkanali	Ramkanali, Katrasgarh, E. I. R.	Bissawar Roy, Permit, No. 107.	...	.....	...	33	22	
200	Trigunait Brothers Coal Co. Katrasgarh P. O.	Angarpatra	Angarpatra, Sijua, E. I. R.	Mukunda Lall Misra, 2nd class service, No. 163.	Sitikontha Kabiraj.	.....	...	196	115	
201	Trigunait, Mukteswar Katrasgarh P. O.	Chandore	Chandore, Sijua, E. I. R.	Sasi Bhusan Ghosh, 2nd class service, No. 52.	...	.....	...	154	91	Includes figures for B. Trigunait's Pandedih Colliery.
202		Kantapahari	Kantapahari, Sijua, E. I. R.		...	.....	...	44	4	
203	Trigunait, Sudarsan Katrasgarh P. O.	Chandore	Chandore, Sijua, E. I. R.	Sorbeswar Chatterji, Permit, No. 100. Authorization, No. 47, to act as manager of more than one mine.	8	2	
204		Pandedih	Pandedih, Sijua, E. I. R.		8	2	

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205	Union Coal Co., Ltd. (See column No. 7).	Angarpatra (6 mines.)	Angarpatra Sijua, E. I. R.	R. Purdy, 1st class service, No. 93, in lieu of English certificate. Authorization, No. 189, to act as manager of more than one mine.	...	Williamson, Magor & Co., 4, Mangoe Lane, Calcutta, or Post Box No. 177.	...	140	40	
206	Verakotah Syndicate, Ltd. Jharua P. O.	Verakotah	Verakotah, Jharua, E. I. R.	H. J. L. Belletti, 1st class service, No. 3.	...	H. J. L. Belletti, Jharua	...	...	...
207	Vithalram Coal Co. (See column No. 7).	Bodra	Bodora	Narotam Hari Shunkar, Ojha, Permit, No. 156.	...	Dr. G. N. Khan, 33, Can- ning Street, Calcutta.	...	...	...
208	Vurma Coal Co. Bankipur P. O., Patna.	Pinalgoria	Pinalgoria	Sankar Singh, Permit, No. 59.	...	Jamuna Prasad and Jata- ram Lal, Katragah P. O.	...	8	10	
209	Western India Coal Trading Co. Nowgari P. O.	Western India	Nudkharuki	.....	...	K. Desai & Co., Nadiad P. O., B. E. & C. I. R.	...	62	43	Isakoro, Agent.
Bengal—Raniganj Coalfield (No. 2 Inspection Circle).										
1	Abdul Karim & Bros. Barakar P. O.	Kapasara (10 Bighas plot.)	Kapasara, Mugma, E. I. R.	Gnpat Nath Misair, Permit, No. 141.	...	.....	...	29	11	
2		Kapasara (15 Bighas plot.)	Kapasara, Mugma, E. I. R.	Ahmed Yusuf, Permit, No. 142.	...	.....	...	...	...
3	Adam Joosah & Co. Barakar P. O.	Kapasara	Kapasara, Mugma, E. I. R.	Ashutosh Misra, Permit, No. 104.	...	.....	...	15	5	
4	Ahmed Yusuf Barakar P. O.	Egarcoor	Egarcoor, Mugma or Barakar, E. I. R.	Trimbakial Umiasanker Dholakia.	...	.....	...	12	3	
5	Aldih Coal Co., Ltd. (See column No. 7.)	Aldih (3 mines.)	Aldih, Sitarampur, E. I. R.	W. M. Martin, 1st class competency, No. 64, in lieu of English certi- ficate. Authorization, No. 128, to act as manager of more than one mine.	...	MacNeill & Co., 1/2, Olive Ghat Street, Calcutta, or Post Box No. 15.	...	707	157	W. Miller, Superin- tendent.
6	Annapurna Coal Co. (Ram Baidhu Maji and Laebmi Narayan Marwari) Kulti P. O.	Birsingpur	Birsingpur	Gouri Sankar Roy Chowdhury, 2nd class service, No. 73.	...	.....	...	17	26	
7	Banerji, Bidu Sekhar Salanpur P. O.	Sabanpur (3 mines.)	Sabanpur	Gobordhan Banerji, Permit, No. 97. Au- thorization, No. 160, to act as manager of more than one mine.	...	.....	...	21	14	
8	Baraboni Coal Concern, Ltd. (See column No. 7.)	Chinchuria	Chinchuria, Baraboni or Asansol, E. I. R.	Pulin Behari Mitra, 1st class service, No. 56. Authorization, No. 144 to act as manager of more than one mine	...	N. C. Sircar & Sons, 5, Olive Ghat Street, Calcutta, or Post Box No. 285.	...	221	277	W. Burt, Superin- tending Engineer.
9		Nuni	Nuni, Sitarampur or Asansol, E. I. R.	.....	...		...	146	112	

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager, and No. and Class of his Certificate, Authorisation or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Raniganj Coalfield (No. 2 Inspection Circle)—contd.										
10	Baraboni Coal Concern, Ltd. (See column No. 7.)	Sudih . . .	Sudih	Purna Chandra Ganguli, 2nd class service, No. 49.	...	N. C. Sircar & Sons, 5, Clive Ghat Street, Calcutta, or Post Box No. 285.	...	284	105	
11	Barakar Brick and Tile Syndicate, Barakar P. O.	Garphalbari	Garphalbari, Mugma, E. I. R.	G. Shearer,* 2nd class service, No. 10.	...	.....	...	33	4	* Also Managing Director.
12	} Barakar Coal Co. Ltd. (See column No. 7.)	Alipur . . .	Alipur	F. A. Roberts, 1st class competency, No. 13.	...	} Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46	...	46	69	
13		Kumardubi (2 mines.)	.....	W. F. Seton-Burn, 1st class service, No. 125. Authorization, No. 158, to act as manager of more than one mine.	...					
14	Barakar Coal Syndicate (See column No. 7.)	Jograd . . .	Jograd	Kamikhya Nath Ghatak, 2nd class service, No. 18.	...	K. L. Mukherji & Co., 29, Pollock Street, Calcutta.	...	...	...
15	Barakar (West) Coal Co. Barakar P. O.	Mugma . . .	Mugma, Mugma, E. I. R.	Ram Gopal Dey, Permit, No. 137.	...	.....	...	...	...
16	} Beerbhumi (New) Coal Co., Ltd. (See column No. 7.)	Belroi . . .	Belroi, Sitarampur, W. I. R.	Amos Lowe, 1st class service, No. 81.	...	} Balmer, Lawrie & Co., 103, Clive Street, Calcutta, or Post Box No. 4.	...	155	132	} S. Heatop, Superintendent.
17		Borra . . .	Borra, Kulti, E. I. R.	J. G. Maughan, 1st class service, No. 13.	...						638	617
18	} {	Chanah . . .	Chanah, Barakar, E. I. R.	} W. Forster, 1st class service, No. 12.	} J Hyde	}	}	1,009	524	}
19		Dumarkunda	Dumarkunda, Barakar, E. I. R.							
20		Hatnal . . .	Sanctoria, Barakar, E. I. R.							
21		Laikdih . . .	Laikdih, Barakar, E. I. R.							

22	Bengal Coal Co., Ltd. 5, Failla Place, Calcutta, or Post Box No. 117.	Sanctoria (2 mines.)	Sanctoria, Barakar, E. I. R.	P. H. Ashcroft, <i>1st class service, No. 11. Authorization, No. 145, to act as manager of more than one mine.</i>	...	See column No. 2	...	606	265	G. F. Scott, Chief Mining Engineer.	
23		Sitalpur	Sitalpur, Barakar, E. I. R.	A. J. Cooper, <i>1st class competency, No. 8.</i>	..	...	...	493	93
24		Solepur	Sodepur, Sitarampur or Barakar, E. I. R.	R. S. Davis, <i>1st class competency, No. 81 in lieu of English certificate.</i>	L. A. Biddle	..	...	1,63	619
25	Bengal Imperial Coal Co. Barakar P. O.	Mugma	Mugma, Mugma, E. I. R.	Jadunath Chackerbutty		
26		Bengal Iron and Steel Co., Ltd. (See column No. 7.)	Kendwa	Kendwa, Barakar or Kulti, E. I. R.	A. H. M. Pston, <i>1st class competency, No. 39, in lieu of English certificate. Authorization, No. 139, to act as manager of more than one mine.</i>	...	Martin & Co., 6 and 7, Clive Street, Calcutta, or Post Box No. 23.	...	69		13
27			Ramnagar	Ramnagar, Barakar or Kulti, E. I. R.	202		32
28	Bengal Nagpur Coal Co., Ltd. (See column No. 7.)	Gangutia	Gangutia, Barakar, E. I. R.	H. M. Daley, <i>1st class service, No. 28. Authorization, No. 90, to act as manager of more than one mine.</i>	...	Andrew Yule & Co., 7, Clive Row, Calcutta, or Post Box No. 150.	...	941	63		
29	Bengal Oriental Coal Co. Barakar P. O.	Kapasara	Kapasara, Mugma, E. I. R.	Mugat Ram Nagar, <i>Permit, No. 130. Authorization, No. 55, to act as manager of more than one mine.</i>	...	.....	...	30	10
30	Bhattacharji & Co., U. C. Barakar P. O.	Egarcoor	Egarcoor, Mugma, E. I. R.	Ramanath Dass	...	.....	...	112	17
31	Bhattacharji, Jagadishwar, Dawn Upendra Nath, & Kobi, Behari Lal, Barakar P. O.	Egarcoor	Egarcoor, Mugma, E. I. R.		
32	Birsingpur Coal Co. (Abhoya Charan Banerji), Nizalchati P. O.	Birsingpur	Birsingpur	Ram Nayas Kanji, <i>Permit, No. 122.</i>	...	.....	...	17	16
33	Bonjamari Coal Co. Charanpur P. O.	Bonjamari	Bonjamari, Baraboni or Asansol, E. I. R.	Ram Chandra Mukherji, <i>Permit, No. 89.</i>	...	.....	...	17	16
34	Borna Coal Co., Ltd. (See column No. 7.)	Salanpur	Salanpur, Salanpur or Sitarampur, E. I. R.	John Gilmour, <i>1st class competency, No. 11, in lieu of English certificate.</i>	...	F. W. Heiglers & Co., 136, Canning Street, Calcutta, or Post Box No. 185.	...	514	65	J. Macintosh, Superintendent.	

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager, and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.			
								Below ground.	Above ground.				
Bengal—Raniganj Coalfield (No. 2 Inspection Circle—contd.)													
35	Brindabonpur Coal Co. (Horo-gobindo Goswamy, and Kanniram Marwari.)	Brindabonpur	Brindabonpur	Harish Chandra Roy	...	.....	...	...	...
36	Mugma P. O. Burn & Co., Ltd. Raniganj P. O.	Egarcoor	Egarcoor, Mugma, E. I. R.	Pramatha Nath Missir, Permit, No. 101.	...	Burn & Co., 7, Hastings Street, Calcutta, or Post Box No. 191.	...	19	12				
37	Charnock Collieries, Ltd. (See column No. 7.)	Charnock (5 mines).	Sarakdih	J. W. Thornton, 1st class competency, No. 16. Authorization, No. 159, to act as manager of more than one mine.	...	Societa Coloniale di Trieste, 134, Canning Street, or Post Box No. 132, Calcutta.	...	...	...	
38	Chatterji Colliery Co. (A. C. Chatterji). 12/4 & 12/5, Pataldanga Street, Calcutta.	Mouthdih	Mouthdih, Sitarampur, E. I. R.	Kedar Nath Chatterji, 2nd class service, No. 112.	...	.....	...	...	40	
39	Chatterji, Ram Bandhu Dishargarh P. O.	Chota Dhemo	Chota Dhemo, Sitarampur, E. I. R.	Rhishi Kesh Ghosh, Permit, No. 44.	...	.....	...	58	11	
40	Chatterji, Shashi Bhusan 46A, Strand Road, Calcutta.	Khudia	Shampur, Mugma, E. I. R.	.....	...	.....	...	45	35	
41	Chhaganlal Nagar Barakar P. O.	Egarcoor	Egarcoor, Mugma, E. I. R.	Ramji Vishram Chanda, Permit, No. 99.	...	.....	...	13	5	
42	Chirkunda (New) Coal Co. (Jugal Kisor Marwari & others.)	Egarcoor	Egarcoor, Mugma, E. I. R.	Harish Chandra Roy, Permit, No. 105.	...	.....	...	48	36	
43	Chota Dhemo Coal Co. (See column No. 7).	Chota Dhemo	Chota Dhemo, Sitarampur, E. I. R.	Aswini Kumar Dutta, 2nd class competency, No. 12.	...	M. L. Laik and Banerji, 7, Swallow Lane, Calcutta.	...	24	39				
44	Damra Coal Co., Ltd. (See column No. 7).	Nuni	Nuni, Sitarampur or Asansol, E. I. R.	Devendra Nath Chakravarty.			
45	Damra Coal Co., Ltd. (See column No. 7.)	Bamundiha	Bamundiha, Sitarampur, E. I. R.	C. H. McCale, 1st class competency, No. 50, in lieu of English certificate. Authorisation, No. 121, to act as manager of more than one mine.	J. Delmas	Balmer, Lawrie & Co., 103, Clive Street, Calcutta, or Post Box No. 4.	...	200	78				
46		Burra Dhemo	Burra Dhemo				
47		Gopalpur	Gopalpur, Sitarampur, E. I. R.				250	90	
48		Lutchipur	Lutchipur, Sitarampur, E. I. R.	...	...	...	...	...	...

49	Dutt, Jádab Chandra Barakar P. O.	Mugma	Mugma, Mugma, E. I. R.	Madhab Chandra Dutta	...	...	15	13	
50	Dutt Kabra Coal Co. Barakar P. O.	Begunia	Begunia, Barakar, E. I. R.	Nagendra Nath Banerji, <i>Permit, No. 86.</i>	...	...	47	5	
51		Egarcoor	Egarcoor, Mugma, E. I. R.	Hom Chand Juggiban Mehta.	...	...	23	14	
52	Dutt, Prasanno Coomar Sitarampur P. O.	Bamundiha	Bamundiha, Sitarampur, E. I. R.	Hari Charan Dutt, <i>1st class service, No. 24. Authorization, No. 80, to act as manager of more than one mine.</i>	...	...	14	11	
53	East Indian Coal Co., Ltd. (See column No. 7.)	Agoa	Agoa, Mugma, E. I. R.	Koilas Chandra Banerji, <i>2nd class service, No. 3.</i>	Jardine, Skinner & Co., 4, Clive Row, Calcutta, or Post Box No. 51.	...	30	17	J. J. Turnbull, General Manager.
54	Equitable Coal Co., Ltd. (See column No. 7.)	Chowrasi	Chowrasi, Barakar, E. I. R.	Adam Murdoch, <i>1st class competency, No. 63, in lieu of English certificate.</i>	McNeill & Co., 1/2, Clive Ghat Street, Calcutta, or Post Box No. 15.	...	852	154	W. Miller, Superin- tendent.
55		Dishargarh	Dishargarh, Barakar, E. I. R.	R. C. Barrowman, <i>1st class competency, No. 24, in lieu of English certificate.</i>		...	1,480	330	
56	Fatka Coal Co. (M. L. Laik; M. G. Chandra and others.) Nirshachati P. O.	Fatka or Pandedih,	Pandedih, Mugma, E. I. R.	Pravakar Chatterji, <i>2nd class competency, No. 19.</i>	...	...	54	9	
57	Friends Coal Co. (Indra Bhushan Mukherji and Jagabandhu Roy). Nirshachati P. O.	Bandarchooa	Bandarchooa	Srinath Banerji, <i>Permit, No. 92.</i>	...	...	..	...
58	Ganguly, Janendra Nath Sitarampur P. O.	Sudibi	Sudibi, Sitarampur, E. I. R.	Bibhuti Bhusan Ganguli	...	...	...	...
59	Ganguly, Sircar, Roy & Co. Sandi P. O. Fiz Sitarampur	Khoirabad	Khoirabad	Debendra Nath Ganguli	...	...	...	...
60	Ghose, Kunja Behari Kulti, Burdwan.	Ketherdih	.....	.....	...	...	30	5	
61		Palasia	Palasia	Kunja Behari Ghose	...	...	..	...
62	Gorain, Nanda Lal and others Barakar P. O.	Begunia	Begunia, Barakar, E. I. R.	Rajendra Lal Sarkar	...	...	52	9	
63	Jafar Yusuf Barakar P. O.	Kapasara	Kapasara, Mugma, E. I. R.	Sarbeswar Sen, <i>Permit, No. 106.</i>	...	...	...	...

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company, arranged in alphabetical order and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager, and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Raniganj Coalfield (No. 2 Inspection Circle)—contd.										
64	J. N. Coal Co. (Prasad Bagbunundun and Brothers). (See column No. 7.)	Furra Dhemo	Burra Dhemo	.....	.....	Ramesur Flour Mill, 39, Hugul Kuria Gulli, Calcutta.	.....	.....	.....
65	Kalyaneswari Coal Co. Mugna P. O.	Kapasara	Kapasara	Mugna, E. I. R.	Jyotirmoy Konar	.....	.....	.....	.....
66	Laik, M. L. 7, Swallow Lane, Calcutta.	Hatnol	Hatnol	.....	Baidya Nath Acharjia, 2nd class service, No. 22.	.....	.....	9	19	
67	Lalla, Luchman Prasad Chirkunda P. O.	Kalimati	Kalimati, Barakar or Mugna, E. I. R.	.....	Luchman Prasad Lalla, Permit, No. 133.	.....	.....	30	5	
68	Lutchipur Coal Co., Ltd. (See column No. 7.)	Lutchipur	Lutchipur, Sitarampur, E. I. R.	.....	G. O. Reuks, 1st class service, No. 53.	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	.....	91	126	E. C. Agabeg, General Manager.
69		Panchgatchia	Panchgatchia, Sitarampur, E. I. R.	.....	E. L. Barnett, 1st class service, No. 99.		.....	340	410	
70	MacNeill and Co. 1/2 Clive Ghat St., Calcutta, or Post Box No. 15	Bejdih (4 mines.)	Bejdih	.....	F. Brimlow 1st class competency, No. 100, in lieu of English certificate. Authorization, No. 201, to act as manager of more than one mine.	.....	.....	.....	.....	W. Miller, Agent.
71	Mambhm (New) Coal Co., Ltd. (See column No. 7.)	Dhundabad	Dhundabad, Sitarampur, E. I. R.	.....	W. L. Amis, 2nd class service, No. 45.	.....	.....	263	99	
72	Martin, Thomas Nirshachati P. O.	Badjna	Badjna	.....	W. O. Whiffen, 2nd class service, No. 112.	.....	.....	3	25	
73	Miers, Mangobinda and Roy, Rama Nath, Samdi P. O. Vid Sitarampur.	Pahargora	Pahargora	.....	Mangobinda Miers Permit, No. 125.	.....	.....	.....	.....
74	Miers, Shama Charan Samdi P. O. Vid Sitarampur.	Mahanpur (3 mines.)	Mahanpur	.....	Shama Charan Miers, Permit, No. 103. Authorization, No. 179, to act as manager of more than one mine.	.....	.....	.....	.....

75	Mugma Coal Association (H. M. Banerji), Barakar P. O.	Mugma	Mugma, Mugma, E. I. R.	Jugal Kishore Mukherji, Permit, No. 135.	...	...	...	80	26	
76	Mukherji, Baman Dass Dishargarh P. O.	Chota Dheone	Chota Dheone, Sitarampur, E. I. R.	Hari Pado Mukherji, 1st class service, No. 55.	...	...	...	162	79	
77	Mukherji, Tinkari, 9/1, Sircar's Lane, Calcutta.	Dhadrkadi	Dhadrkadi	Hrishikesh Chatterji, Permit, No. 84.	...	J. L. Banerji & Co., 14, Clive Street, Calcutta.	...	...	...
78	Mukherji, Umesh Chandra Asansol P. O.	Borachak	Borachak, Borachak, E. I. R.	Raj Ballav Mukherji, 2nd class service, No. 34.	...	...	...	88	43	
79	Nandi, Maharaja Manindra Chandra, Cossimbazar P. O., Murshidabad.	Begunia	Begunia, Barakar, E. I. R.	...	...	...	...	...	...	}
80		Begunia Khas	Begunia, Barakar, E. I. R.		153	48		Monmotho Nath Roy General Manager.
81	Nodiha Coal Co., Ltd. Dishargarh P. O.	Nodiha	Nodiha	A. F. Pennefather, 2nd class service, No. 15, also 1st class com- petency, No. 1.	...	McNeill & Co., 1/2, Clive Ghat Street, Calcutta, or Post Box No. 15.	...	69	30	W. Miller, Superinten- dent.
82	Parekh, Kasu Lal Barakar P. O.	Rajpura	Rajpura, Mugma or Barakar, E. I. R.	Kasu Lal Parekh	...	...	...	...	...
83	Parekh, Keshob Lal Nirshachati P. O.	Sindri	Sindri	Dakhineswar Ghosal, Permit, No. 136.	...	...	...	43	16	
84	Patel, Hati Bhai Barakar P. O.	Rajpura	Rajpura, Mugma or Barakar, E. I. R.	Hati Bhai Patel Permit, No. 66.	...	...	...	...	...
85	Patel, Lallu Bhai Chirkunda P. O.	Rajpura	Rajpura, Mugma or Barakar, E. I. R.	Lallu Bhai Patel Permit, No. 65.	...	...	...	8	12	
86	Patlabari Coal Syndicate (Mulji Jetha & Chuni Lal).	Patlabari	Patlabari	Mahendra Narayan Raya.	...	...	...	235	11	
87	Roy, Bonowari Lal Barakar P. O.	Kalimati	Kalimati, Barakar or Mugma, E. I. R.	Bonowari Lal Roy, Permit, No. 108.	...	...	...	20	6	
88	Roy, Jugal Kishore Asansol P. O.	Palashdiha	Palashdiha, Asansol, E. I. R.	D. W. C. Smith, 2nd class service, No. 146.	...	...	...	97	40	
89	Roy, Bohini Kumar Barakar P. O.	Kalimati	Kalimati, Barakar or Mugma, E. I. R.	Robini Kumar Roy, 2nd class service, No. 157.	...	...	...	7	16	
90	Royal Bengal Coal Co. (Nikambini Dass) Barakar, E. I. R.	Kusumkanali	Kapasara, Mugma, E. I. R.	Dukha Haran Mukherji, 2nd class service, No. 21.	...	...	...	100	50	
91	Saltore Coal Co., Ltd. (See column No. 7.)	Saltore (8 mines.)	Saltore	Geo. Dixon, 1st class competency, No. 46, in lieu of English certificate. Author- ization, No. 116, to act as manager of more than one mine.	...	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	...	33	253	

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager, and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above Ground.	
Bengal—Raniganj Coalfield (No. 2 Inspection Circle)—concl'd.										
92	Seal, Aghore Nath Nirshachati P. O.	Sangamahal	Sangamahal, Mugma, E. I. R.	...	...	.....	...	100	17	
93	Shampur Coal Co., Ltd. (See column No. 7.)	Bamundiha	Bamundiha, Sitarampur, E. I. R.	A. W. Wood, 1st class service, No. 117. Authorization, No. 169, to act as manager of more than one mine.	...	George Henderson & Co., 100, Clive Street, Calcutta, or Post Box No. 237.	...	360	352	Figures included in that of Sundarchak.
94		Shampur	Shampur, Mugma, E. I. R.							
95		Sundarchak	Sundarchak, Sitarampur, E. I. R.					...	88	75	Figures for Bamundiha included.
96	Shungamahal Collieries, Ltd. (See column No. 7.)	Sangamahal	Sangamahal, Mugma, E. I. R.	G. D. Scott, 1st class competency, No. 2.	...	Colonial Trading Co. of Trieste, Ltd., 134, Canning Street, Calcutta, or Post Box No. 132.	...	...	...
97	Sircar & Sons, N. C. 5, Clive Ghat Street, Calcutta, or Post Box No. 285.	Khoodka	Khoodka	Sachindranath Bose, 2nd class service, No. 100.	...	.....	...	44	12	
98	Sircar, Bidhu Bhusan Samdi P. O.	Binadikatta	Binadikatta, Sitarampur, E. I. R.	Bidhu Bhusan Sircar, Permit, No. 109.	...	.....	...	11	28	
99	Sitarampur Coal Co., Ltd. (See column No. 7.)	Narsamuda	Narsamuda, Asansol or Borachak, E. I. R.	W. V. Hannaford, 1st class service, No. 22.	...	Lyall, Marshall & Co., 25, Mangoe Lane, Calcutta, or Post Box No. 6.	...	350	290	
100	Sudhi Coal Co., Ltd. (See column No. 7.)	Raghnathbatty	Raghnathbatty, Sitarampur, E. I. R.	L. A. Jacobs, 1st class competency, No. 37, in lieu of English certificate. Authorization, No. 134, to act as manager of more than one mine.	...	McLeod & Co., 31, Dalhousie Square, South, Calcutta, or Post Box No. 78.	...	...	...	Figures included in that of Sudhi.
101		Sudhi	Sudhi, Sitarampur, E. I. R.					...	341	165	Figures include that for Raghnathbatty.
102	Suitable Coal Co. (Chagan Lull Nagar) Barakar P. O.	Egarcoor	Egarcoor, Mugma or Barakar, E. I. R.	Mugat Ram Nagar, Permit, No. 38. Authorization, No. 56, to act as manager of more than one mine.	...	.....	...	22	8	

Bengal—Raniganj Coalfield (No. 3 Inspection Circle).

1	Adaji Coal Co., Ltd. (See column No. 7)	Nandi (2 mines).	Nandi, Jamuria or Raniganj, E. I. R.	Robert Mitchell, <i>1st class service, No. 2. Authorisation, No. 131, to act as manager of more than one mine.</i>	...	Andrew Yule & Co., 7, Clive Row, Calcutta, or Post Box No. 150.	...	460	276	
2	Apcar & Co. 18, Radha Bazar, Calcutta.	Charanpur	Domohani, Baraboni or Asansol, E. I. R.	E. M. Patterson, <i>1st class service, No. 4.</i>	...	See column No. 2	...	224	247	F. J. Agabeg, General Manager.
3	Bagchi, Purna Chandra Kalipahari P. O.	Mosila	Mosila, Kalipahari, E. I. R.	...	...	Tansook Roy, Ram Kumar, 12, Mallick Street, Bara Bazar, Calcutta.	...	...	3	
4	Baliram Coal Co. Kalipahari P. O.	Ghusik	Ghusik, Kalipahari, E. I. R.	Ananta Lall Ghosh, <i>1st class service, No. 115. Authorisation, No. 38, to act as manager of more than one mine.</i>	...	.....	...	175	80	
5		Srikistopur or Mosila.	Kalipahari, Kalipahari, E. I. R.	...	...	.....	...	70	45	
6	Bamundiha Coal Concern Kalipahari P. O.	Chattapathar	Chattapathar, Kalipahari, E. I. R.	Lucken Chandra Mittra, <i>2nd class service, No. 31.</i>	Radha Bullov Chuckerbutty.	Dwarka Nath Khettry, 89, Cross Street, Calcutta.	...	68	87	
7	Banerji Collieries (Ludra Nath Banerji), Chowkidanga P. O.	Jotejanaki	Jotejanaki, Toposi or Raniganj, E. I. R.	Pramatha Nath Hazra, <i>2nd class service, No. 110. Authorisation, No. 156, to act as manager of more than one mine.</i>	Ram Pada Hazra.	.....	...	91	44	
8		Kenda								
9	Banerji, Hariher Kalipahari P. O.	Ghusik (West)	Ghusik, Kalipahari, E. I. R.	Surendra Nath Mukherji, <i>2nd class service, No. 161.</i>	Kani Lall Adikheri.	.....	...	105	25	
10	Banerji, Kashi Bihash Raniganj P. O.	Jamnakauali	Jamnakanali, Raniganj, E. I. R.	Protap Chandra Topadar, <i>2nd class service, No. 108.</i>	...	.....	...	...	...
11	Banerji, Raghu Nath and others Mejia P. O., <i>old</i> Raniganj.	Kalikapur	Kalikapur, Raniganj, E. I. R.	Lal Bihari Kumbhakar, <i>Permit, No. 80.</i>	...	.....	...	37	8	
12	Paukura Coal Co. (H. H. Banerji and R. C. Mukherji), Kalipahari P. O.	Dobalia	Kalipahari, Kalipahari, E. I. R.	Surendra Nath Mukherji, <i>2nd class service, No. 161.</i>	...	.....	...	21	12	Harihar Banerji, General Manager.
13	Baraboni Coal Association Charanpur P. O.	Baraboni	Baraboni, Asansol or Baraboni, E. I. R.	James Brown, <i>1st class competency, No. 102, in lieu of English certificate.</i>	...	N. C. Sircar & Sons, 5 Clive Ghat Street, Calcutta, or Post Box No. 285.	...	61	25	Formerly owned by Burns & Co.

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED.		REMARKS.
								Below ground.	Above ground.	
Bengal—Raniganj Coalfield (No. 3 Inspection Circle)—contd.										
14	Baraboni Coal Concern, Ltd. (See column No. 7).	Baraboni	Baraboni, Asansol or Baraboni, E. I. R.	James Brown, 1st class competency, No. 102, in lieu of English certificate.	...	N. C. Sircar & Sons, 5, Clive Ghat Street, Calcutta or Post Box No. 285.	...	118	61	W. Burt, Superintending Engineer.
15		Haripur	Haripur, Toposi or Raniganj, E. I. R.	Sorut Chandra Dutt, 2nd class service, No. 88.	...		...	98	18	
16		Nimcha	Nimcha, Raniganj, E. I. R.	Suresh Chandra Sarkar, 2nd class service, No. 66.	...		...	91	104	
17	Baraboni (New) Coal Co. (Kunja Behari Pal Chowdhuri and others), Charanpur P. O.	Baraboni (New)	Baraboni, Asansol or Baraboni, E. I. R.	Debendra Nath Bhattacharji.	...	.....	...	...	...
18	Baraboni (South) Coal Co. (Kunja Behari Pal Chowdhuri), Charanpur P. O.	Baraboni (South)	Baraboni, Asansol or Baraboni, E. I. R.	F. C. Lardner, 2nd class service, No. 90. Authorization, No. 110, to act as manager of more than one mine.	...	.....	...	49	21	
19	Baraboni (West) Coal Co. Charanpur P. O.	Napara (South)	Baraboni, Asansol or Baraboni, E. I. R.	...	...	.....	...	...	...
20	Barakar Coal Co. Ltd. (See column No. 7).	Jamgram	Jamgram, Gaurangdi, E. I. R.	...	...	Bird & Co., 101/1, Clive Street, Calcutta, or Post Box No. 46.	...	815	350	E. C. Agabeg, Superintendent.
21		Kantapahari	Kantapahari, Gaurangdi, E. I. R.	E. G. Nash, 2nd class competency, No. 28.	...		...	322	126	
22	Basanti Oakdene Coal Co. (See column No. 7).	Basantipur	Mamudpur, Toposi or Raniganj, E. I. R.	G. Stacey, 2nd class service, No. 93. Authorization, No. 9, to act as temporary manager of more than one mine.	...	Stanley Oakes & Co., 5, Mangoe Lane, Calcutta.	...	78	49	
23		Mouzra								

24	Beebhum (New) Coal Co., Ltd. (See column No. 7).	Baraboni	Baraboni, Asansol or Baraboni, E. I. R.	A. Russell, 1st class competency, No. 54, in lieu of English certificate. Authori- zation, No. 67, to act as manager of more than one mine.	...	...	890	382	Contains figures for Jairamdanga as well.
25		Chinchuria (7 mines)	Chinchuria, Baraboni or Asansol, E. I. R.	Charles Lea, 1st class competency, No. 58, in lieu of English certi- ficate. Authorization, No. 118, to act as manager of more than one mine.	...	Balmer, Lawrie & Co., 108, Clive Street, Calcutta, or Post Box No. 4.	142	116		S. Heslop, General Manager.
26		Jairamdanga (2 mines)	Jairamdanga, Asansol or Bara- boni, E. I. R.	A. Russell, 1st class competency, No. 54, in lieu of English certi- ficate. Authorization, No. 67, to act as manager of more than one mine.		
27	Bengal Coal Co., Ltd., 5, Fairlie Place, Calcutta, or Post Box No. 117.	Banksimulla (2 mines)	Banksimulla, Asansol, E. I. R.	T. Chrystle, 1st class competency, No. 25, in lieu of English certificate. Authori- zation, No. 138, to act as manager of more than one mine.	H. R. Fox, 1st class service, No. 92.	.....	61	175	G. F. Scott, Chief Mining Engineer.
28		Damudapur	Damudapur, Raniganj or Ikra, E. I. R.	F. T. Marley, 1st class competency, No. 40, in lieu of English certi- ficate.	.....	.....	429	298	
29		Raniganj	Egara, Raniganj, E. I. R.	B. L. Brodhurst, 1st class competency, No. 38, in lieu of English certificate.	.....	.....	305	180	
30	Bhagirathi Coal Co., Kalipahari P. O.	Bhutdoba	Kalipahari, Kalipahari, E. I. R.	Khetra Nath Dey Permit, No. 143.	Fran Gobinda Sirkar.	.....	75	47	E. C. Agabeg, General Manager.
31	Bhattacharji, Shasi Bhusan Chora P. O.	Haripur	Haripur, Toposi or Raniganj, E. I. R.	Nil Madhab Chakra- buti, 2nd class service, No. 104.	.....	.....	65	9	
32	Bhukajuri Coal Co., Ltd. (See column No. 7).	Bhukajuri (2 mines)	Bhukajuri, Asansol or Baraboni, E. I. R.	H. C. Read, 1st class service, No. 121. Authorization, No 129, to act as manager of more than one mine.	Gregory Sam	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	246	192		
33	Bilbera Coal Co., Ltd. (See column No. 7).	Babisole (3 mines)	Babisole	T. Samson, 1st class competency, No. 94, in lieu of English certificate. Authori- zation, No. 127, to act as manager of more than one mine.	.....	N. C. Sircar & Sons, 5, Clive Ghat Street, Calcutta, or Post Box No. 285.	...	...

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.	
								Below ground.	Above ground.		
Bengal—Raniganj Coalfield (No. 3 Inspection Circle)—contd.											
34	British India Coal Co., Ltd. (See column No. 7).	Napara (8 mines)	Napara, Baraboni or Asansol, E. I. R.	L. R. Somerville, <i>1st class competency, No. 76, in lieu of English certificate.</i>	...	Williamson, Magor & Co., 4, Mangoe Lane, Calcutta, or Post Box No. 177.	...	77	100	Formerly owned by P. N. Bose.	
35	Burdwan Coal Co. (G. E. and B. T. Sircar) Kalipahari P. O.	Mosila	Mosila, Kalipahari, E. I. R.	Pronoda Chandra Mukherji, <i>Permit, No. 40.</i>	...	.....	...	39	22	
36	Burdwan (New) Coal Co. Kalipahari P. O.	Mosila	Mosila, Kalipahari, E. I. R.	Purna Chandra Bagchi, <i>2nd class service, No. 51.</i>	...	.....	...	17	10	
37	Bura & Co. The Potteries, Raniganj P. O.	Pottery (3 mines).	Raniganj, Raniganj, E. I. R.	Sharada Prasad Ghosal, <i>2nd class service, No. 115. Authorization, No. 173, to act as manager of more than one mine.</i>	...	Burn & Co., 7, Hastings Street, Calcutta, or Post Box No. 191.	...	87	51		
38	Chatterji, Pran Kishen Chowkidanga P. O.	Jotejanaki (2 mines).	Jotejanaki, Toposi or Raniganj, E. I. R.	Karali Prasad Chatterji	...	.....	...	72	22	
39	Chelode Coal Co. (See column No. 7).	Chelode	Kuordib, Kalipahari, E. I. R.	W. Barnard, <i>2nd class service, No. 69, and 1st class competency, No. 26.</i>	...	Sircar, Barnard & Co., 2, New China Barar Street, Calcutta, or Post Box No. 286.	...	...	...
40	Cooverji Bhoja Kalipahari P. O.	Mosila	Mosila, Kalipahari, E. I. R.	Khimji Dhanji, <i>Permit, No. 7.</i>	...	.....	...	26	10	
41	Damra Coal Co., Ltd. (See column No. 7).	Damra (Old) (9 mines).	Damra, Kalipahari, E. I. R.	Sasi Bhusan Patra, <i>2nd class service, No. 33. Authorization, No. 164, to act as manager of more than one mine.</i>	...	M. L. Laik and Banerji, 7, Swallow Lane, Calcutta.	...	90	18		
42		Kanchka (2 mines).		Ghusik, Kalipahari, E. I. R.	
43		Napara		Napara, Baraboni or Asansol, E. I. R.	Gopinath Chatterji, <i>2nd class service, No. 12.</i>	117	38	
44	Daw, Peary Lal 2, Dhurmahatta Street, Calcutta.	Lakshmiganj	Dobras, Toposi or Raniganj, E. I. R.	Ananda Prasad Roy.	...	.....	...	46	37	
45	Dhadka Coal Co. (Seth Gopal Das Trikumji), 25, Pollock Street, Calcutta.	Dhadka	Dhadka, Asansol, E. I. R.	.....	...	.....	...	62	54	

46	Dutt, Hem Chandra Sitarampur P. O.	Kajra	Kajra, Raniganj, E. I. R.	Hem Chandra Dutt, <i>1st class service, No. 24. Authorization, No. 80, to act as manager of more than one mine.</i>	...	.....	...	11	32	
47	Eastern Coal Co., Ltd. (See column No. 7.)	Bankola	Bankola, Ukhra or Raniganj, E. I. R.	A. H. Ward, <i>1st class competency, No. 65, in lieu of English certificate.</i>	...	Mackinnon, Mackenzie & Co., 16, Strand Road, Calcutta, or Post Box No. 168.	...	296	186	W. Miller, Superintendent.
48		Jobs or Jotemotuk	Jobs, Raniganj, E. I. R.	W. Angier, <i>1st class service, No. 66.</i>	...		...	227	52	
49	Equitable Coal Co., Ltd. (See column No. 7.)	Jamuria	Jamuria, Jamuria, Asansol or Raniganj, E. I. R.	A. Murdoch, <i>1st class competency, No. 63, in lieu of English certificate.</i>	...	MacNeill & Co., 2, Clive Ghat Street, Calcutta, or Post Box No. 15.	...	759	182	W. Miller, Superintendent.
50		Satpukuria	Satpukuria, Asansol, E. I. R.	J. DeSouza, <i>2nd class competency, No. 2.</i>	...		...	86	11	
51	Faridpur Coal Co. (Soeli Bhusan Mukherji), 6, Fakir Ch. Chuckerbutty's Lane, Beadon Square P. O., Calcutta.	Faridpur	Charanpur, Baraboni or Asansol, E. I. R.	Kantay Ch. Bhattacharji, <i>2nd class service, No. 111.</i>	Surendra Nath Mukherji.	Tansookroy Ramnath, 12, Mullick Street, Calcutta.	...	80	26	
52	Ghusik and Muslia Collieries, Ltd. (Crest & Co., S. T.), Kalipahari P. O.	Baraboni	Baraboni, Baraboni or Asansol, E. I. R.	M. A. Creet, <i>Authorization, No. 16, to manage the mine temporarily.</i>	...	Martin & Co., 6 & 7, Clive Street, Calcutta, or Post Box No. 23.	...	190	99	S. T. Creet, General Manager.
53		Ghusik (3 mines)	Ghusik, Kalipahari, E. I. R.	A. T. Creet, <i>1st class service, No. 36. Authorization, No. 63, to act as manager of more than one mine.</i>	P. J. Peters and L. A. Creet.		...	285	200	
54		Muslia	.....	E. D. Onraiet, <i>1st class service, No. 20.</i>	...		...	...	...
55	Ghusik Coal Co. (Hem Ch. Ghosh), Kalipahari P. O.	Ghusik	Ghusik, Kalipahari, E. I. R.	G. W. Ogilvie, <i>Permit, No. 157.</i>	...	.....	...	27	15	
56	G. M. Agreable Coal Co. Kalipahari P. O.	Kesabganj	Kesabganj, Kalipahari, E. I. R.	Gosto Behary Dutt, <i>Permit, No. 32.</i>	...	.....	...	16	7	
57	Hariladh Coal Co., Ltd. (See column No. 7.)	Akhalpur (6 mines)	Akhalpur, Jamuria, or Raniganj, E. I. R.	H. Heron, <i>1st class competency, No. 69, in lieu of English certificate. Authorizations, Nos. 72 and 107, to act as manager of more than one mine.</i>	...	MacNeill & Co., 2, Clive Ghat Street, Calcutta, or Post Box No. 15.	...	185	100	W. Miller, Superintendent.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—*contd.*

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Raniganj Coalfield (No. 3 Inspection Circle)—<i>contd.</i>										
58	Imperial Coal Co., Ltd. (See column No. 7.)	Madhubpur (2 mines).	Madhubpur	T. Samson, <i>1st class competency, No. 94, in lieu of English certificate. Authorization, No. 167, to act as manager of more than one mine.</i>	...	N. C. Sircar & Sons, 5, Clive Ghat Street, Calcutta, or Post Box No. 285.	...	...	30	
59	Jagannath Coal Co. (Jagannath Marwari), Raniganj P. O.	Ragunathchak (2 mines).	Ragunathchak, Raniganj, E. I. R.	Chakar Chandra Pal, <i>2nd class service, No. 28. Authorization, No. 118, to act as manager of more than one mine.</i>	...	.....	...	45	27	
60	Katrae-Jharua Coal Co., Ltd. (See column No. 7.)	Sibpur (4 mines).	Sibpur, Raniganj or Asansol, E. I. R.	P. S. Keolan, <i>1st class service, No. 34. Authorization, No. 115, to act as manager of more than one mine.</i>	A. T. Spencer and P. Sydney.	Andrew Yule & Co., 7, Clive Row, Calcutta, or Post Box No. 160.	...	521	132	
61	Kaviraj, Ram Lal Gaurangdi P. O.	Sultanpur	Sultanpur, Churulia, E. I. R.	Ram Lal Kaviraj . . . . .	...	.....	...	19	6	
62	Kenda (Central) Coal Co. (J. A. Millar), Chowkidanga P. O.	Kenda	Kenda, Toposi or Raniganj, E. I. R.	J. A. Millar, <i>1st class service, No. 14.</i>	Hosain Bux . . . . .	.....	...	21	26	
63	Kenda (New) Coal Co., Ltd. Chora P. O.	Kenda (8 mines).	Kenda, Toposi or Raniganj, E. I. R.	Kali Das Chatterji, <i>2nd class service, No. 65. Authorization, No. 122, to act as manager of more than one mine.</i>	..	.....	...	25	112	S. Heslop, Superintendent.
64	Kenda (South) Coal Co. (J. G. Martin), Chowkidanga P. O.	Banskuri	Toposi or Raniganj, E. I. R.	J. C. Martin, <i>2nd class service, No. 64.</i>	...	.....	...	28	60	
65	Kuordih Coal Co., Ltd. (See column No. 7.)	Kuordih (4 mines).	Kuordih, Kalipahari, E. I. R.	W. Barnard, <i>2nd class service, No. 69, and 1st class competency, No. 26.</i>	..	Sircar, Barnard & Co., 2, New China Bazar Street, Calcutta, or Post Box No. 286.	...	141	86	R. Barnard, Superintending Engineer.
66	Kuordih (East) Coal Co., Ltd. (See column No. 7.)	Kuordih (East)	Kuordih, Kalipahari, E. I. R.							

67	Leik, Mukundo Lall 7, Swallow Lane, Calcutta.	Haripur	Haripur, Toposi or Raniganj, E. I. R.	Jogendra Nath Chatterji, 2nd class service, No. 50.	...	...	...	68	20
68	Maha, D. & R. Raniganj P. O.	Banskuri	Banskuri, Raniganj, E. I. R.	.....	...	.....	...	...	...
69		Jamehari	Jamehari, Raniganj, E. I. R.	.....	Rishi Kesh Mukherji.	.....	...	104	129
70		Seorsol	Seorsol, Raniganj, E. I. R.	Sita Nath Dutta, 1st class service, No. 93.	...	.....	...	193	73
71	Marwari, Fulchand Chowkidanga P. O.	Kenda	Toposi or Raniganj, E. I. R.	.....	...	.....	...	...	...
72	Marwari, Ganspat Ram Kalipahari P. O.	Kessabganj	Kessabganj, Kalipahari, E. I. R.	Shew Karan Marwari, 2nd class service, No. 6.	...	.....	...	90	43
73	Marwari, Jaganuath Raniganj P. O.	Bunbehal	Bunbehal, Ukhra or Raniganj, E. I. R.	Umprosd Mukherji, 2nd class service, No. 27.	...	.....	...	27	14
74		Dobrana	Dobrana, Toposi or Raniganj, E. I. R.	.....	...	.....	...	...	...
75	Marwari, Ram Bilas Kalipahari P. O.	Kessabganj	Kessabganj, Kalipahari, E. I. R.	Ram Bilas Marwari, 2nd class service, No. 55.	...	.....	...	22	19
76	Meyer Coal Co. (See column No. 7.)	Jubilee	Kalipahari, Kalipahari, E. I. R.	Basanto Kumar Dutta, 2nd class service, No. 70. Authoriza- tion, No. 142, to act as manager of more than one mine.	Babu Lal Tanti. Muhabir Pro- sad Dass.	.....	...	62	11
77		Nichinta	Nichinta, Kalipahari, E. I. R.	.....	.....	.....	...	52	10
78		Nunispool	Kalipahari, Kalipahari, E. I. R.	.....	.....	Meyer Brothers, 23, Pollock Street, Calcutta.	.....	...	...
79	Micto Coal Co., Ltd. (See column No. 7.)	Nimcha	Nimcha, Raniganj, E. I. R.	.....	Girindra Nath Sarcaa.	.....	...	34	8
80		Nandi	Nandi, Jamuria or Raniganj, E. I. R.	C. Tweedie 2nd class competency, No. 14. Authoriza- tion, No. 140, to act as manager of more than one mine.	.....	.....	...	80	29
81		Shekpur	Shekpur, Raniganj, E. I. R.	.....	.....	.....	...	...	...
82	Sibpur	Sibpur, Jamuria or Raniganj, E. I. R.	.....	.....	.....	...	...	...
83	Mukherji, Baman Dass. Kalipahari P. O.	Ghusik (New)	Ghusik, Kalipahari, E. I. R.	.....	.....	.....	...	32	22
84	Mukherji, Hora Lal 15-4, Wellington Street, Calcutta.	Kenda	Kenda, Toposi or Raniganj, E. I. R.	Hriahi Kesh Ghosh E. I. R.	...	.....	...	...	7

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine, and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager, and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager, and No. and class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Raniganj Coalfield (No. 3 Inspection Circle)—contd.										
85	Mukherji, Romesh Chandra Kalipahari P. O.	Ghusik	Ghusik, Kalipahari, E. I. R.	Radha Krishna Chatterji, 2nd class service, No. 113.	...	.....	...	85	21	
86	Mukherji, Soshi Bhusan 6, Fakir Chand Chuckerbutty's Lane, Beadon Square P. O., Calcutta.	Nandi (New)	Nandi, Jamuria or Raniganj, E. I. R.	Kanti Chandra Bhattacharji, 2nd class service, No. 111.	...	Tansook Roy Ramnath, 12, Mullick Street, Calcutta.	..	...	...
87	Mundulpur Coal Co., Ltd. (See column No. 7.)	Mundulpur	Mundulpur	A. Gillespie, 1st class competency, No. 98, in lieu of English certificate.	..	MacNeill & Co., 1-2, Clive Ghat Street, Calcutta, or Post Box No. 15.	...	...	..	W. Miller, Agent.
88	Nandi Coal Association (Siba Frossed and others) Nandi P. O.	Nandi	Nandi, Jamuria or Raniganj, E. I. R.	Suchand Ghosh, 2nd class service, No. 44.	Pasupati Chatterji & Monindro Kinkor Nyak.	.....	...	118	48	
89	Nandi, Maharaja Manindra Chandra, Cossimbazar P. O., Murahidabad.	Napara	Napara, Baraboni or Asansol, E. I. R.	Kali Prasanna Panja, 2nd class service, No. 102.	...	.....	...	110	82	} Monmotho Nath Roy, General Manager.
90		Vanora Khas (9 mines).	Vanora, Baraboni or Asansol E. I. R.	Rajoni Prokash Chakrabarty, 1st class service, No. 112. Authorization, No. 81, to act as manager of more than one mine.	...	.....	...	104	88	
91	Niga Valley Coal Co. (Soshi Bhuson Mukherji.) 6, Fakir Chand Chuckerbutty's Lane, Beadon Square P. O., Calcutta.	Niga Valley (5 mines).	Kalipahari, Kalipahari, E. I. R.	Jasoda Dulal Ghosh, 2nd class service, No. 108. Authorization, No. 82, to act as manager of more than one mine.	Boni Madhab Mukherji.	Tansook Roy Ramnath, 12, Mullick Street, Calcutta.	...	35	28	
92	Nodia Coal Co. (Abhoy Kumar Rai Chowdhuri) Ukhra P. O.	Nodia	Nodia, Ukhra or Raniganj, E. I. R.	Bepin Behary Sircar, 2nd class service, No. 78.	...	.....	...	14	...	
93	Ondal Coal Co., Ltd. See Column No. 7.)	Bowlah	Bowlah	W. Lawrie, 1st class competency, No. 78, in lieu of English certificate. Authorization, No. 128, to act as manager of more than one mine.	...	F. W. Heilgers & Co., 136, Canning Street, Calcutta, or Post Box No. 185.	...	251	139	J. Macintosh, General Manager.
94		Chora	Chora, Toposi or Raniganj, E. I. R.							

95		Sunpur	Sunpur, Toposi or Raniganj, E. I. R.	C. C. Angier, <i>1st class service, No. 46.</i>	...	...	27	60		
96	Phularitand Coal Co., Ltd. (See column No. 7.)	Banali	Banali	Lal Chand Mukherji, <i>1st class service, No. 123.</i>	Nani Lal Goswami.	N. C. Sircar & Sons, 5, Clive Ghat Street, Calcutta, or Post Box No. 285.	...	83	34	R. Barnard, Superintending Engineer.
97		Damra (New)	Damra, Kalipahari, E. I. R.	Kanderpa Mohan Mozumdar, <i>2nd class competency, No. 21.</i>			...	51	27	
98	Poniat Coal Concern (U. C. Roy & Co.—A. C. Ghosh). Charanpur P. O.	Faridpur	Domohani, Asansol, E. I. R.	Umesh Chandra Rai, <i>2nd class service, No. 54.</i>	Jagad Bhuvan Rai Choudhuri.	Laik & Banerji, 7, Swallow Lane, Calcutta.	...	104	61	Formerly owned by Apcar & Co.
99	Raniganj Coal Association, Ltd. (See column No. 7.)	Toposi (2 mines)	Toposi, Toposi or Raniganj, E. I. R.	Thos. Thomson, <i>1st class service, No. 57. Authorization, No. 156, to act as manager of more than one mine.</i>	...	Kilburn & Co., 4, Fairlie Place, Calcutta, or Post Box No. 61.	...	119	96	
100	Reliance Coal Co., Ltd. (See column No. 7.)	Charanpur (6 mines.)	Domohani, Asansol, E. I. R.	P. Scott, <i>1st class service, No. 73. Authorization, No. 48, to act as manager of more than one mine.</i>	R. G. Rooke, <i>2nd class competency, Nos. 6 and 27.</i>	Bird & Co., 101-1, Clive Street, Calcutta, or Post Box No. 46.	...	355	165	
101	Sadhu, Ram Chandra Charanpur P. O.	Palssthal	Jamtara, Jamtara, E. I. R.	Nriya Gopal Sadhu	Tin Kari Rai.	.....	...	12	6	
102	Sahana & Co. (R. K. Sahana) Chowkidanga P. O.	Sonachora	Sonachora, Toposi or Raniganj, E. I. R.	Nishanath Rai Choudhuri, <i>Permit, No. 53.</i>	...	.....	...	35	36	
103	Samla and Kendra Syndicate (See column No. 7.)	Kendra	Kendra	C. C. Angier, <i>1st class service, No. 46. Authorization, No. 197, to act as manager of more than one mine.</i>	...	Martin & Co., 6 & 7, Clive Street, Calcutta, or Post Box No. 23.	...	...	...
104		Samla	Samla
105	Sathpukuria and Asansol Collieries, Ltd. (See column 7.)	Aradanga or Banbistapur.	Banbistapur, Asansol, E. I. R.	H. T. C., Martin, <i>1st class service, No. 5.</i>	...	Martin & Co., 6 and 7, Clive Street, Calcutta, or Post Box No. 23.	...	75	12	
106	Sibpur Coal Co., Ltd. (See column No. 7.)	Pretoria	Sibpur, Jamuria, Asansol or Raniganj, E. I. R.	P. S. Keelan, <i>1st class service, No. 34. Authorization, No. 118, to act as manager of more than one mine.</i>	...	Andrew Yule & Co., 7, Clive Row, Calcutta, or Post Box No. 150.	...	333	36	
107	Singaran Coal Syndicate, Ltd. (See column No. 7.)	Jotejanaki (3 mines.)	Jotejanaki, Toposi, E. I. R.	T. C. Figgford, <i>1st class competency, No. 67, in lieu of English certificate. Authorization, No. 129, to act as manager of more than one mine.</i>	...	MacLeod & Co., 31, Dal-housie Square, Calcutta, or Post Box No. 78.	...	84	54	
108	Singh & Co., K. D. Kalipahari P. O.	Kalipahari	Kalipahari, Kalipahari, E. I. R.	Bam Din Lalla, <i>Permit, No. 127.</i>	...	.....	...	50	30	

APPENDIX V—contd.

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—contd.

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Bengal—Raniganj Coalfield (No. 3 Inspection Circle)—concl'd.										
109	Singh, Naba Rong Kalipahari P. O.	Bhutdoba	Bhutdoba, Kalipahari, E. I. R.	Esan Ch. Sircar <i>Permit, No. 146.</i>	Ishovesh Chandra Ghosal.	.....	...	80	20	
110	Singh, Ram Narayan Asansol P. O.	Banbistopur	Banbistopur, Asansol, E. I. R.	Baikunto Nath Chowdhuri.	...	.....	...	48	9	
111	Sircar, Banwari Lal Chowkidanga P. O.	Dobrasa	Dobrasa, Toposi or Raniganj, E. I. R.	Banwari Lal Sircar . . . . .	...	.....	...	...	...
112	Sudamdih Coal Co. Ltd. (See column No. 7).	Sarthakpur	Sarthakpur, Toposi or Raniganj, E. I. R.	Devendra Narain Roy, <i>2nd class service, No. 49.</i>	..	N.C. Sircar & Sons, 5, Clive Ghat Street, Calcutta, or Post Box No. 285.	...	42	57	
113	Tareni Coal Co. (S. C. Bhatta.) Chora P. O.	Haripur	Haripur, Toposi or Raniganj, E. I. R.	Nilmadab Chuckerbutty, <i>2nd class service, No. 104.</i>	...	.....	...	65	9	
114	Toposi (Old) Coal Co. Chowkidanga P. O.	Purandip	Purandip, Toposi or Raniganj, E. I. R.	Fauindra Nath Ghosh, <i>2nd class service, No. 153.</i>	...	.....	...	79	36	
Bengal—Giridih Coalfield (No. 2 Inspection Circle).										
1	Bayra Coal Association (Myers, E.) Giridih P. O.	Lakharua or Bayr	Lakharua, Giridih, E. I. R.	E. Myers, <i>1st class service, No. 27. Authorization, No. 196, to act as manager of more than one mine.</i>	...	.....	...	81	42	
2		Mohalichua	Mohalichua, Giridih, E. I. R.		...	.....	...	68	33	
3		Sikdardih	Sikdardih, Giridih, E. I. R.		...	.....	...	..	...
4	Bengal Coal Co., Ltd. 5, Fairlie Place, Calcutta, or Post Box No. 117.	Kuldiha (4 mines).	Kuldiha, Giridih, E. I. R.	G. N. A. Pitt, <i>1st class competency, No. 77, in lieu of English certificate. Authorization, No. 149, to act as manager of more than one mine.</i>	...	.....	...	558	432	G. F. Scott, Chief Mining Engineer.

5	Budheadih Coal Co. (Sundermull) Gadi Shirampur P.O., Giridih.	Budheadih (2 mines.)	Budheadih, Giridih, E. I. R.	Sarbananda Lall, 2nd class service, No. 84. Authorization, No. 133, to act as manager of more than one mine.	...	...	...	123	23	
6	East Indian Railway Co., 105, Clive Street, Calcutta, or Post Box No. 225.	Kurhurbari	Kurhurbari, Giridih, E. I. R.	Thos. Adamson, 1st class competency, No. 14, in lieu of English certificate.	A. Wright, 1st class service, No. 16.	14th June 1905	3,878	2,471	T. H. Ward, Superintendent.		
7		Serampur	Serampur, Giridih, E. I. R.	G. C. Lathbury, 1st class competency, No. 13, in lieu of English certificate.	G. C. Lesch, 1st class competency, No. 16, in lieu of English certificate.						
8	Tah & Co., Rakhil Das	Kabribad (3 mines.)	Kabribad, Giridih, E. I. R.	Sarat Chander Tah, 2nd class service, No. 123. Authorization, No. 65, to act as manager of more than one mine.	...	...	54	23		
Bengal—Rajmahal Coalfield (No. 3 Inspection Circle).											
1	De, Girish Chandra	Domanpur	Domanpur, Rampurhat, E. I. R.	.....	...	.....	...	...	...
2		Sarsabad	Sarsabad, Rampurhat, E. I. R.	.....	...	.....	...	...	...
3		De, Ramani Kanto	Domanpur Balki	Balki, Rampurhat, E. I. R.	5	...	
4			Ghatchora	Asaubani, Rampurhat, E. I. R.	Ramani Kanto De	2	...	
5		De, Soshi Bhusan Basikpur Dumka P. O.	Bargo	Bargo, Rampurhat, E. I. R.	Soshi Bhusan De	16	...	
Bengal—Daltonganj Coalfield (No. 1 Inspection Circle).											
1	Bengal Coal Co., Ltd. 5, Fairlie Place, Calcutta, or Post Box No. 117.	Rajhara (5 mines.)	Rajhara, Daltonganj, E. I. R.	J. N. A. Devine, 1st class service, No. 71. Authorization, No. 170, to act as manager of more than one mine.	H. G. Piggford	.....	...	364	234	G. F. Scott, Chief Mining Engineer.
2	Redford, W. T. Dehri-on-Sone.	Singra (3 mines.)	Singra	.....	...	.....	...	70	35	

APPENDIX V—*contd.*

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—*contd.*

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Central Provinces—(No. 3 Inspection Circle).										
1	Coverji Bhoja 19, Pollock Street, Calcutta.	Jattachhapper	Jattachhapper, Chhindwara	Ananta Ram Hiralel, Permit, No. 128.	...	.....	...	...	...
2	Government of India Nagpur, C. P.	Ballarpur	Ballarpur, Warora, G. I. P.	R. Wordsworth, 1st class competency, No. 22, in lieu of English certificate.	T. P. Yeoman, 1st class competency, No. 19, in lieu of English certificate.	.....	...	220	109	Chief Engineer, Central Provinces, Agent.
3	Great Indian Peninsula Railway Bombay P. O.	Mohpani	Mohpani, Gadarwada, G. I. P.	F. L. G. Simpson, 1st class competency, No. 22, in lieu of English certificate.	O. T. Edwards	.....	...	553	426	
4	Pench Valley Coal Co., Ltd. (See column No. 7).	Barkui	Barkui, Chhindwara, B.N.R.	R. Fenwick Jr., 1st class competency, No. 21, in lieu of English certificate. Authori- zation, No. 153, to act as manager of more than one mine.	Joseph Ry- lance, 2nd class competency, No. 1, in lieu of English certificate.	Shaw, Wallace & Co., 20, Strand Road, Cal- cutta. Post Box, No. 70.	...	85	51	F. I. L. Ditmas, General Manager.
5		Buteria	Buteria, Chhindwara, B. N. R.				...	5	5	
6		Chandametta	Chandametta, Chhindwara, B. N. R.				...	285	70	
British Baluchistan (No. 2 Inspection Circle).										
1	Alibhoy Bros. Quetta F. O.	Sor Range	Sor Range, Quetta, N. W. R.	Alibhoy . . . . .	...	.....	...	8	2	
2	Agharali & Co., Abdulla Loralai F. O.	Davispur	Thadri, Loralai	Jawandamull . . . . .	...	.....	...	9	3	Bhogingh Duki, Agent
3	Esaaji & Sons Quetta, P. O.	Sor Range	Sor Range, Quetta, N. W. R.	...	...	Ismail . . . . .	...	6	1	
4	Ferozshah, Shiawakehaw Quetta F. O.	Digari	Digari, Quetta, N. W. R.	...	...	.....	...	...	...
5		Sor Range	Sor Range, Quetta, N. W. R.	Saleh . . . . .	...	.....	...	...	...
6	Hossein Ali & Co. Quetta F. O.	Sor Range	Sor Range, Quetta, N. W. R.	Hossein Ali . . . . .	...	.....	...	...	...

7	Khan, Bahawal Quetta F. O.	Bhor	Kalet dist.	...	Abdul Khan	.....	...	3	...	
8		Digari	Digari, Quetta, N. W. B.	...		.....	...	5	1
9	North-Western Railway Lahore P. O.	Khost	Khost, Khost, N. W. B.	Arthur Mort, <i>1st class competency, No. 28, in lieu of Eng- lish certificate.</i>	W. C. Clements	.....	...	443	260	
10	Patel, K. B. Burjorji D. Quetta F. O.	Mach	Mach, Bolan, N. W. B.	B. D. Patel	...	Bishan Dass	...	96	16			
11		Sor Range	Sor Range, Quetta, N. W. B.	...	...	Hari Chand, Sor Range near Hanna.	...	62	10	
12	Sorabji & Co. Quetta P. O.	Digari	Digari, Quetta, N. W. B.	Mano	...	Gillaram	...	25	6			
13		Leze	Digari, Quetta, N. W. B.	...	...		...	12	8
14		Sor Range	Sor Range, Quetta, N. W. B.	...	...	.....	...	...	...
Burma (No. 1 Inspection Circle).												
	Burma Mines Development and Agency, Ltd. West Meati Road, Mandalay P. O.	Thitshauk	Kalewa, Upper Chindwin	E. Kirkpatrick	...	.....	...	...	...
Eastern Bengal and Assam (No. 1 Inspection Circle).												
1	Assam Railways and Trading Co., Ltd. Margherita, F. O.	Ledo Valley (East)		G. Bull, <i>1st class ser- vice, No. 83. Autho- rization, No. 147, to act as manager of more than one mine.</i>	.....	.....	...	374	153
2		Ledo Valley (West)			.....	.....	...		
3		Ledo Valley (Upper).	Makum, Margherita, D. S. B.				169	100	
4		Tirap					14	2	
5		Namdang			T. Rushton, <i>1st class service, No. 84. Authorization, No. 146, to act as mana- ger of more than one mine.</i>	284	169
6		Tikak					273	178	
7	Maolong Coal Co.	Maolong	Ishamati, Sylhet	.....	.....	.....	...	...

G. E. Harris, Agent
and
General
Manager.

APPENDIX V—*contd.*

List of Coal Mines worked under the Indian Mines Act, 1901, in British India—*concl'd.*

Serial number.	Name of Owner or Company arranged in alphabetical order, and postal address.	Name of Mine and number of separate Mines as defined by Rule 27.	Situation of Mine.	Name of Manager and No. and Class of his Certificate, Authorization or Permit.	Name of Assistant Manager and No. and Class of his Certificate.	Name and address of Managing Agent.	Date of establishment of Special Rules.	PERSONS EMPLOYED		REMARKS.
								Below ground.	Above ground.	
Panjab—(No. 2 Inspection Circle).										
1	Chand, Lakmi Ara P. O.	Chbeja	Ara, Jhelum	Fakir Chand Permit, No. 159.	...	.....	...	14	6	
2	Dass, Bhagwan and Ram Kalabagh P. O.	Katha	Katha, Dandot, N. W. R.	Radha Kishan	...	Radha Kishan	...	...	...
3		Samowala	Tajuwala	...	...	.....	...	18	20	
4		Tajuwala		...	...	.....	...
5		Thakkar Kot		...	...	.....	...
6	Dass, Ganesh Gujrat, P. O.	Dher	Manihala, Jhelum	Dost Ali Shah Permit, No. 89.
7	Dass, Isban, Pind Dadan Khan, P. O.	Rodianwali	Sidhandi, Jhelum	Golam Ali	...	.....	...	16	6	
8	Dass, Thakur	Gamra	—Jhelum	...	...	.....	...	12	...	
9	Lal & Co. Kushan	Kotianwali	—Jhelum	Mahomed Husain	...	.....	...	25	1	
10	Nath, Bhola Dalwal P. O.	Chatterwal	Dalwal, Jhelum	...	...	.....	...	11	3	
11		Wahgroowali	—Jhelum	Bhola Nath Permit, No. 90.	...	.....	...	7	...	
12	North-Western Railway Co., Lahore P. O.	Dandot	Dandot, Khewra, N. W. R.	D. Thomson, 1st class competency, No. 50, in lieu of English certificate.	...	.....	...	690	888	
13	Panjab Coal Co. (Lakmi and Deva Singh) Abbottabad P. O.	Chiti Dand	Mukrach, <i>vid</i> Golpur, N.W. R.	Kirpa Ram, 2nd class service, No. 82.	...	.....	...	183	209	E. L. Hope, Superintendent.
14	Ram & Sons, R. S. Rocha Abbottabad P. O.	Chota Tajuwala	Tajuwala	Uttam Singh	...	.....	...	15	6	
15		Narianwala	Narianwala	Faquir Chand	...	.....	...	15	3	
16	Singh & Co., R. B. Anup Lahore P. O.	Makarwal	Mianwali	S. K. Taylor	Khudabux	Lukelman Singh	...	80	96	

**Index to List of Coal Mines worked under the Indian Mines Act, 1901,
in British India.**

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Jharia Coalfield (No. 1 Inspection Circle).		
Alkusa	Kanga & Co.	105
	Angarpatra Colliery Co.	7
	Bose, J. N.	38
Angarpatra	Srimani, J. N.	185
	Trigunait Bros. Coal Co.	206
	Union Coal Co., Ltd.	205
Bagdiggi	Bagdiggi-Kujama Collieries, Ltd.	12
	Smith, C. J.	182
Bahardih	Mahato, Baidya Nath	132
Bamongarh	Bose, Satish Chandra	41
Bansdeopur	Bansdeopur Coal Co.	18
Bansjora	Bansjora Coal Co.	19
Banstackola	New Beerblum Coal Co., Ltd.	25
Barwabera (New)	Barwabera Coal Co.	24
Belanjabad	Lall, Daroga	127
Benahir	Standard Coal Co., Ltd.	186
Bhaga	Jharia Colliery Co., Ltd.	96
Bhagaband	Borrea Coal Co., Ltd.	37
Bhalgora	Bhalgora Coal Co., Ltd.	32
Bhatdih	Bengal Bhatdih Coal Co., Ltd.	28
Bhowra	East Indian Coal Co., Ltd.	71
Bhugutdih	Bengal Nagpur Coal Co., Ltd.	31
Bhulanbarari	Bhulanbarari Coal Co., Ltd.	35
	East Indian Coal Co., Ltd.	67
Bhutgoria	Aldih Coal Co., Ltd.	6
Bodora	Withalram Coal Co.	207
Borora	Chatterji, Singh & Co.	52
Brahmanbarari	East Indian Coal Co., Ltd.	67
Braroabara	Jharia-Katras Coal Co.	98
Bdruchak	Bdruchak Coal Mining Co., Ltd.	43
	Bulliar Coal Co.	44
	Bulliar Coal Concern	45
Bulliar	Chuni Lal Coal Co.	54
	East Indian Coal Co., Ltd.	68
Burragarh	Burragarh Coal Co.	46
	Hariladh Coal Co., Ltd.	87
Busserya	Busserya Coal Co. Ltd.	47
	Banerji & Co., Harish Chandra	15
Chandore	Chandore Coal Co. (P. K. Roy and others)	49
	National Coal Co. (R. K. Chatteraj)	142

APPENDIX V—*contd.*

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—<i>contd.</i>		
	Pain, B. L.	146
Chandore	Trigunait, Brojo Bhusan	198
	Trigunait, Mukteswar	201
	Trigunait, Sudarsan	203
Chandrabad	Agarwala, Ramjus	4
	Khandesh, Berar and Gujrat Coal Concern (Rastamji Ardesir Macadam)	114
Chasnalla	Lodna Colliery Co., Ltd.	128
Choitodih	Lutchipur Coal Co., Ltd.	121
Dharmuband	Ghosh, Akshaya Kumar	79
Dheriajoba	Dheriajoba Coal Co.	61
	Jharia Coal Syndicate, Ltd.	95
Dobari	Bagchi, R. N.	11
	Dobari Coal Co. (S. B. Banerji and R. K. Sahana)	62
	Kor, Sri Hari	121
Durgapur	Premji and Devshi Hamir	165
Ekra Khas	Nandi, Maharaja Manindra Chandra	140
Emampahari	Jharia Coal Syndicate	94
Ena	North-West Coal Co., Ltd.	143
Futtehpur	Agarwala, Ramjus	5
	Dosa, Ganji and Khunji	64
	Premji and Devshi Hamir	156
Ganhudih	Dobari Coal Co. (S. B. Banerji and R. K. Sahana)	63
Gansadih	Roy, P. C.	166
Ganzlatan	New Manbhun Coal Co., Ltd.	133
Gararia	Das, R. B.	60
	Howji, Tribhuban Dass	90
	Roy, Moheswar and Srikontho	166
	Sanker, T. R.	169
Gobindpur	Gobindpur Coal Co., Ltd.	80
	South Gobindpur Collieries, Ltd.	81
Godhur	Agarwala, Lachmi Narayan	3
	Raha and Son, Sasi Bhusan	157
Goluckdih	East Jharia Coal Co., Ltd.	97
Gopalichak	Gopalichak Coal Co., Ltd.	82
Gopalichak (West)		83
Hariladih	Equitable Coal Co., Ltd.	75
	Standard Coal Co., Ltd.	167
Huntodih	Huntodih Coal Co., Ltd.	91
Jairamdih	Gorain, N. L. and others	84
Jamadoba	Indian Collieries Syndicate, Ltd.	92
Jharia (East)	East Jharia Coal Co., Ltd.	97
Jharia Khas	Khora Kamii Kutchi	119
	Standard Coal Co., Ltd.	168

APPENDIX V—contd.

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—contd.		
Jinagora	Chakrabarty, Krishnajiban	43
	East Barari Coal Co. (Tricumji Jiban Dass)	22
	G. P. C. & Co. (Gova Petha)	86
Jogta	Agabeg Brothers	1
	B. R. & N. Coal Co.	42
Joyrampur	Joyrampur Coal Co.	101
	Joyrampur Coal Concern (J. K. Mukherji)	102
	Khengarji Triku & Co.	117
	Khimji Moorji & Co.	118
Joyrampur (Lower)	R. M. R. Coal Concern	183
	Ghela Panchan & Co.	77
Kandra (Upper)	South Jharia Coal Co.	99
Kankani	Eastern Coal Co., Ltd.	72
	Angarpatra Colliery Co.	8
Kantapahari	Bose, J. N.	39
	South Angarpatra Coal Co. (B. K. Banerji & Son)	9
	Srimani, J. N.	185
	Trigunait Mukteswar	202
Kantapahari (West)	Central Bengal Coal Co., Ltd.	27
Katras	Nowagarh Coal Co., Ltd.	144
	C. M. & Co. (Chimanlal Mangaldas & Keshan Lal Parekh)	56
Kendwadiah	East Indian Coal Co., Ltd.	69
	Gorsia, Ram Ranu	85
	Hariladiah Coal Co., Ltd.	88
	Kendwadiah Coal Co. (Gajadhar Marwari and others)	108
Kesalpur	Bose, J. N.	40
	Koondoo, Sunda Charan	120
Kesalpur (Imperial)	Singh, Bir	175
Kesalpur (New)	Banerji, Bepin Behari	16
Kessurgurah	Kessurgurah Coal Co.	109
	East Indian Coal Co., Ltd.	69
Khaira	Khaira Coal Syndicate, Ltd.	110
	Singh & Co., Atma	174
Khalsa	Agarwala, Jagannath Ramjus	2
	Khas Jharia Colliery Co.	116
Khas Paredih	Ghosal, Chatterji & Co.	78
Kisha	Kanga & Co.	106
Koradih	C. M. & Co. (Chimanlal Mangaldas and Keshan Lal Parekh)	57
	Bagdiggi-Kujama Collieries, Ltd.	13
Kujama	Das, L. H.	58
	Khan Brothers	112
	Nanji, Khanji and Sanji	141
	North Kujama Coal Co.	122

APPENDIX V—contd.

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—contd.		
Kujama (South)	Bagdiggi-Kujama Collieries, Ltd.	14
	Central Kurkend Coal Co., Ltd.	123
	Khaira Coal Syndicate, Ltd.	111
	Kurkend Coal Co. (P. C. Roy and others)	124
Kurkend	Motiram Coal Co.	135
	Selected Coal Co. (Kalianji Shamji)	171
	Sircar, B. B.	181
	Sudamdih Coal Co., Ltd.	190
Kurkend (East)	Marine Coal Co., Ltd.	194
Kustore	Raniganj Coal Association, Ltd.	159, 160 & 161
	Kusunda and Nayadi Collieries, Ltd.	125
Kusunda	Patel & Co.	162
	Roy, J. K.	164
Lakorka	Lakorka Coal Co., Ltd.	126
Lodna	Lodna Colliery Co., Ltd.	121
	North Barakar Coal Co.	21
Loyabad	Barakar Coal Co., Ltd.	20
Madhuband	Jumoni Coal Co., Ltd.	103
	Lodna Colliery Co., Ltd.	130
Mandra	Singh, Jit Narayan and Mit Namyam	177
Mandra Khas	Singh, Gour Mohan	176
Mucheridih	Mucheridih Coal Syndicate	136
Mudidih	Reliance Coal Co., Ltd.	162
Muralidih	Bengal Coal Co., Ltd.	28
Muttigurra	Muttigurra Coal Co., Ltd.	139
Nayadi	Kusunda and Nayadi Collieries, Ltd.	125
Nichitpur	Parasea Collieries, Ltd.	150
Noonoodih	Bengal Iron and Steel Co., Ltd.	30
Nudkharuki	Nudkharuki Coal Co.	145
Nudkharuki (East)	Auckland Coal Co., Ltd.	10
Pandakanali	Pandakanali Coal Co., Ltd.	147
	Bhattacharji, U. C.	34
	Choudhuri, Satya Taran	53
	Chuttu Lal Kutchi	55
	Jharia Coal Association (S. K. Mukherji)	93
	Kabiraj, R. C.	104
	Katras Oriental Coal Syndicate	107
Pandedih	Mukherji & Co., S. K.	138
	Pandedih Coal Syndicate (Bajrangbali Singh & others)	148
	Singh, Jonabar	178
	Trigunait, Bhubaneswar	197
	Trigunait, Sudarsan	204

APPENDIX V—*contd.*

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Jharia Coalfield (No. 1 Inspection Circle)—<i>conold.</i>		
Pandeybera	Das, L. H.	59
	Pandeybera Colliery Co.	149
Parbad	East Barari Coal Co. (Tricumji Jiban Dass)	23
Parelgaria	Parelgaria Coal Co.	151
Phularibad	Khas Jharia Coal Co.	115
Phularitand	Phularitand Coal Co., Ltd.	153
	Dumra Coal Co.	65
Pinalgoria	Ghansham Das Coal Co.	76
	Vurma Coal Co.	208
Pipratand	Pipratand Coal Co., Ltd.	154
Pootki	Eastern Coal Co., Ltd.	73
Puddugora	Bengal Coal Co., Ltd.	29
Ramgarh	John & Arratoon	100
	Biswas, P. K.	36
	Chandra, Girish Chandra	50
Ramkanali	Dutt, B. L.	66
	Hockly, W. A.	89
	Roy, P. C.	187
	Trigunait, Brojo Bhusan	199
Ranidih	Ranidih Coal Co. (S. B. Chatterji)	153
Sendra	Sendra Coal Co., Ltd.	173
Sijua	Sijua Coal Co., Ltd.	173
Simlabahal	Bhalgora Coal Co., Ltd.	33
	Sinidih Coal Co., Ltd.	179
Sinidih	Sinidih Coal Concern	180
Sowardih	Sowardih Coal Co. (N. L. Gorain & others)	183
	Empire Coal Co., Ltd.	74
Sudamdih	Sudamdih Coal Co., Ltd.	189
Sudriadih	Sudriadih Coal Co., Ltd.	191
	Roy, P. C.	168
Surataur	Seal, K. B.	170
Surataur (New)	Banerji's Coal Concern, J. L.	17
Sutikdih	East Indian Coal Co., Ltd.	70
Tandabari	Tandabari Coal Syndicate	193
Tentulia	Tentulia Colliery Co.	193
	Chandra, Haresmal Ram	51
Tettulia	Mukherji & Co., K. L.	137
	New Tetturia Coal Co., Ltd.	194
Tetturia	West Tetturia Collieries, Ltd.	195
Titalmuri	Titalmuri Coal Co., Ltd.	196
Tundu	Khan, Rahim Feroz	113
Verakotah	Verakotah Syndicate, Ltd.	206
Western India	Western India Coal Trading Co.	209

APPENDIX V—contd.

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Raniganj Coalfield (No. 2 Inspection Circle).		
Agoo	East Indian Coal Co., Ltd.	53
Aldih	Aldih Coal Co., Ltd.	5
Alipur	Barakar Coal Co., Ltd.	12
Badjna	Martin, Thomas	72
Bamundiha	Damuda Coal Co., Ltd.	46
	Dutt, Prasanno Coomar	62
	Shampur Coal Co., Ltd.	93
Bandarchooa	Friends Coal Co. (I. B. Mukherji & J. Roy)	57
Begunia	Dutt Kabra Coal Co.	50
	Gorain, Nanda Lall & others	62
	Nandi, Maharaja Manindra Chandra	79
Begunia Khas	Nandi, Maharaja Manindra Chandra	80
Bejdih	MacNeill & Co.	70
Belrai	New Beerbhun Coal Co., Ltd.	16
Binadikatta	Sircar, Bidhu Bhusun	98
Birsingpur	Annapurna Coal Co. (R. B. Maji and L. N. Marwari)	6
	Birsingpur Coal Co. (A. C. Banerji)	32
Bonjamari	Bonjamari Coal Co.	33
Borachak	Mukherji, Umesh Chandra	78
Borrea	New Beerbhun Coal Co., Ltd.	17
Brindabonpur	Brindabonpur Coal Co. (H. Goswamy and K. Marwari)	35
Burra Dhemu	Damuda Coal Co., Ltd.	46
	J. N. Coal Co. (P. Raghunundan & Bros.)	64
Chanch	New Beerbhun Coal Co., Ltd.	18
Charnock	Charnock Collieries, Ltd.	37
Chinchuria	Baraboni Coal Concern, Ltd.	8
Chota Dhemu	Chatterji, Ram Bandhu	39
	Chota Dhemu Coal Co.	43
	Mukherji, Baman Das	76
Chowraai	Equitable Coal Co., Ltd.	54
Dhadksdi	Mukherji, Tinkari	77
Dhundabad	New Manbhun Coal Co., Ltd.	71
Dishargarh	Equitable Coal Co., Ltd.	55
Dumarkunda	New Beerbhun Coal Co., Ltd.	19
	Aha,ed Yusuf.	4
	Bhattacharji & Co., U. C.	30
	Bhattacharji, Jagadishwar and others	31
	Burn & Co., Ltd.	36
	Chhaganlal Nagar	41
	Dutt Kabra Coal Co.	51
Egarcoor	New Chirkunda Coal Co. (J. K. Marwari & others)	42
	Suitable Coal Co. (C. L. Nagar)	102
	Fatka Coal Co. (M. L. Laik and others)	56
Fatka or Pandedih		

APPENDIX V—*contd.*

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Baniganj Coalfield (No. 2 Inspection Circle)—<i>contd.</i>		
Gangutia	Bengal Nagpur Coal Co., Ltd.	28
Garphalbari	Barakar Brick and Tile Syndicate	11
Gopalpur	Damuda Coal Co., Ltd.	47
Hatnol	Laik, M. L.	66
	New Beerbhun Coal Co., Ltd.	20
Jograd	Barakar Coal Syndicate	14
Kalimati	Lalla, Luchman Prosad	67
	Roy, Bonowari Lal	87
	Roy, Rohini Kumar	89
Kapasara	Abdul Karim & Brothers	1, 2
	Adam Joosah & Co.	3
	Bengal Oriental Coal Co.	29
	Jafar Yusuf	63
Kendwa	Kalyaneswari Coal Co.	65
	Bengal Iron and Steel Co., Ltd.	26
Ketherdih	Ghose, Kunja Behari	60
Khoirabad	Ganguly, Sircar, Roy & Co.	59
Khudia	Chatterji, Shashi Bhusan	40
Khudka	Sircar and Sons, N. C.	97
Kumardubi	Barakar Coal Co., Ltd.	13
Kusumkanali	Royal Bengal Coal Co.	90
Laikdih	New Beerbhun Coal Co., Ltd.	21
	Damuda Coal Co., Ltd.	48
Lutchipur	Lutchipur Coal Co., Ltd.	68
	Misra, Shama Charan	74
Mahanpur	Chatterji Colliery Co. (A. C. Chatterji)	38
Mouthdih	Bengal Imperial Coal Co.	25
	Dutt, Jadab Chandra	49
	Mugma Coal Association (H. M. Banerji)	75
	West Barakar Coal Co.	16
Narsamuda	Sitarampur Coal Co., Ltd.	99
Nodiha	Nodiha Coal Co., Ltd.	81
	Baraboni Coal Concern, Ltd.	9
Nuni	Damra Coal Co., Ltd.	44
	Misra, Mangobinda and Roy, Rama Nath	73
Pahargora	Roy, Jugal Kishore	88
Palashdiha	Ghose, Kunja Behari	61
Palasia	Lutchipur Coal Co., Ltd.	69
Panchgatchia	Fatka Coal Co. (M. L. Laik and others)	56
Pandedih or Fatka	Patlabari Coal Syndicate (Mulji Jetha and Chuni Lal)	86
Patlabari	Sudhi Coal Co., Ltd.	100
Raghunathbatty	Parekh, Kasu Lal	82
	Patel, Hati Bhai	84
	Patel, Lallu Bhai	85

APPENDIX V—contd.

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Raniganj (No. 2 Inspection Circle)—concl'd.		
Ramnagar	Bengal Iron and Steel Co., Ltd.	27
Sabanpur	Banerji, Bidhu Sekhar	7
Salanpur	Borrea Coal Co., Ltd.	34
Saltore	Saltore Coal Co., Ltd.	91
Sanctoria	Bengal Coal Co., Ltd.	22
Sangamahal.	Seal, Aghore Nath	92
	Shungamahal Collieries, Ltd.	96
Shampur	Shampur Coal Co., Ltd.	94
Sindri	Parekh, Keshob Lal	83
Sitalpur	Bengal Coal Co., Ltd.	23
Sodepur		24
Sudih	Baraboni Coal Concern	10
Sudihi	Ganguly, Janendra Nath	58
	Sudihi Coal Co., Ltd.	101
Sundarchak	Shampur Coal Co., Ltd.	95
Bengal—Raniganj Coalfield (No. 3 Inspection Circle).		
Akhalpur	Hariladih Coal Co., Ltd.	57
Aradanga or Banbistapur	Sathpukuria and Asansol Collieries, Ltd.	105
Babisole	Bilbera Coal Co., Ltd.	33
Banali	Phularitand Coal Co., Ltd.	96
Banbistapur or Aradanga	Sathpukuria and Asansol Collieries, Ltd.	105
Banbistapur	Singh, Ram Narayan	110
Bankola	Eastern Coal Co., Ltd.	47
Banksimulla	Bengal Coal Co., Ltd.	27
Banskuri	Maha, D. and R.	68
	South Kenda Coal Co. (J. C. Martin)	64
Baraboni	Baraboni Coal Association	13
	Baraboni Coal Concern, Ltd.	14
	Ghusik and Muslia Collieries, Ltd.	52
	New Beerbhun Coal Co., Ltd.	24
Baraboni (New)	New Baraboni Coal Co. (K. B. Pal Chowdhuri and others)	17
Baraboni (South)	South Baraboni Coal Co. (K. B. Pal Chowdhuri)	18
Basantipur	Basanti Oskdene Coal Co.	22
Bhuskajuri	Bhuskajuri Coal Co., Ltd.	32
Bhutloba	Bhagirathi Coal Co.	30
	Singh, Naba Rong	109
Bowlah	Ondal Coal Co., Ltd.	93
Bunceha	Marwari, Jagannath	73
Charanpur	Apcar & Co.	2
	Reliance Coal Co., Ltd.	100
Chattapathar	Bamundha Coal Concern	6
Chelode	Chelode Coal Co.	39

APPENDIX V—contd.

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Raniganj Coalfield (No. 3 Inspection Circle)—contd.		
Chinchuria	New Beerbhun Coal Co., Ltd.	25
Chora	Ondal Coal Co., Ltd.	94
Damra (New)	Phularitand Coal Co., Ltd.	97
Damra (Old)	Damra Coal Co., Ltd.	41
Damudapur	Bengal Coal Co., Ltd.	28
Dhadka	Dhadka Coal Co.	45
Dobalia	Bankura Coal Co. (H. H. Banerji and R. C. Mukherji)	12
Dobrana	Marwari, Jagannath	74
	Sircar, Banwari Lal	111
Faridpur	Faridpur Coal Co. (S. B. Mukherji)	51
	Poniaty Coal Concern (U. C. Roy and A. C. Ghosh)	96
Ghusik	Baliram Coal Co.	4
	Ghusik and Muslia Collieries, Ltd.	53
	Ghusik Coal Co. (H. C. Ghosh)	55
Ghusik (New)	Mukherji, Romesh Chandra	85
	Mukherji, Buman Dass	83
Ghusik (West)	Banerji, Hatihar	9
	Baraboni Coal Concern, Ltd.	15
	Bhattacharji, Shosi Bhusan	31
Haripur	Laik, Mukundo Lall	67
	Tareni Coal Co. (S. C. Bhatta)	113
Jairamdanga	New Beerbhun Coal Co., Ltd.	26
Jamehari	Malia, D. and R.	69
Jamgram	Barakar Coal Co., Ltd.	20
Jamunakanali	Banerji, Kashi Bilash	10
Jamuria	Equitable Coal Co., Ltd.	49
Joba or Jotemotuk	Eastern Coal Co., Ltd.	48
	Banerji Collieries (Indra Nath Banerji)	7
Jotejanaki	Chatterji, Pran Kishen	38
	Singaran Coal Syndicate, Ltd.	107
Jotemotuk or Joba	Eastern Coal Co., Ltd.	48
Jubilee	Meyer Coal Co.	76
Kajra	Dutt, Hem Chandra	30
Kalikapur	Banerji, Raghu Nath and others	11
Kalipahari	Singh and Co., K. D.	108
Kanchka	Damra Coal Co., Ltd.	42
Kantapahari	Barakar Coal Co., Ltd.	21
	Banerji Collieries (Indra Nath Banerji)	8
	Central Kendu Coal Co. (J. A. Miller)	62
Kenda	Marwari, Fulchand	71
	Mukherji, Hera Lal	84
	New Kenda Coal Co., Ltd.	63

APPENDIX V—contd.

Name of Mine.	Name of Owner or Company.	Serial No. in list.
Bengal—Raniganj Coalfield (No. 3 Inspection Circle)—contd.		
Kendra	Samla and Kendra Syndicate	108
Kessabganj	G. M. Agreeable Coal Co.	56
	Marwari, Ganapat Ram	72
Kuordih	Marwari, Ram Bilas	75
	Kuordih Coal Co., Ltd.	85
Kuordih (East)	East Kuordih Coal Co., Ltd.	66
Lakshiganj	Daw, Peary Lal	44
Madhubpur	Imperial Coal Co., Ltd.	58
Mosila	Bagchi, Purna Chandra	3
	Burdwan Coal Co.	35
	Cooverji Bhoja	40
Mosila or Srikistapur	New Burdwan Coal Co.	36
	Baliram Coal Co.	5
Mouzra	Basanti Oakdene Coal Co.	23
Mundulpur	Mundulpur Coal Co., Ltd.	87
Muslia	Ghusik and Muslia Collieries, Ltd.	54
Nandi	Adjai Coal Co., Ltd.	1
	Minto Coal Co., Ltd.	80
	Nandi Coal Association	88
Nandi (New)	Nandi Coal Association	88
	Mukherji, Sheshi Bhusan	83
Napara	British India Coal Co., Ltd.	34
	Damra Coal Co., Ltd.	43
	Nandi, Maharaja Manindra Chandra	89
Napara (South)	West Baraboni Coal Co.	19
Nichinta	Meyer Coal Co.	77
Niga Valley	Niga Valley Coal Co.	91
Nimcha	Baraboni Coal Concern, Ltd.	16
	Meyer Coal Co.	79
Nodia	Nodia Coal Co. (A. K. Rai Chowdhuri)	92
Nuniapool	Meyer Coal Co.	78
Palasthal	Sadhu, Ram Chandra	101
Pottery	Barn & Co.	37
Pretoria	Sibpur Coal Co., Ltd.	106
Purandip	Old Toposi Coal Co.	114
Raghunathobak	Jagannath Coal Co. (J. Marwari)	59
Raniganj	Bengal Coal Co., Ltd.	29
Samla	Samla and Kendra Syndicate	104
Sarthakpur	Sudamdih Coal Co., Ltd.	112
Satpukuria	Equitable Coal Co., Ltd.	50
Searsol	Malia, D. and R.	70
Shekpur	Minto Coal Co., Ltd.	81
Sibpur	Katras-Jheria Coal Co., Ltd.	60
	Minto Coal Co., Ltd.	82

APPENDIX V—*contd.*

Name of Mine.	Name of Owner or Company.	Serial No. in list.	
Bengal—Raniganj Coalfield (No. 3 Inspection Circle)—<i>conold.</i>			
Lonahora	Sahana & Co.	102	
Rikistipur or Mosila	Baliram Coal Co.	5	
Ultanpur	Kaviraj, Ram Lall	61	
Unpur	Ondal Coal Co., Ltd.	95	
Toposi	Raniganj Coal Association, Ltd.	99	
Fanora Khas	Nandi, Maharaja Manindra Chandra	90	
Bengal—Giridi Coalfield (No. 2 Inspection Circle).			
Bayra or Lakharia	Bayra Coal Association	1	
Budheadih	Budheadih Coal Co. (Sundermull)	5	
Kabrihad	Ta h & Co., Rakkhal Das	8	
Kuldiha	Bengal Coal Co., Ltd.	4	
Karhurbari	East Indian Railway Co.	6	
Lakharia or Bayra	} Bayra Coal Association	1	
Mohalichua		2	
Serampur	East Indian Railway Co.	7	
Sikdardih	Bayra Coal Association	3	
Bengal—Rajmahal Coalfield (No. 3 Inspection Circle).			
Bargo	De, Soshi Bhusan	5	
Domanpur	De, Girish Chandra	1	
Domanpur Balki	} De, Ramani Kanto	3	
Ghatehora		4	
Sarasabad	De, Girish Chandra	2	
Bengal—Daltonganj Coalfield (No. 1 Inspection Circle).			
Rajhara	Bengal Coal Co., Ltd.	1	
Singra	Radford, W. T.	2	
Central Provinces (No. 3 Inspection Circle).			
Ballarpur	Government of India	2	
Barkui	} Pench Valley Coal Co., Ltd.	4	
Buteria		5	
Chandametta		6	
Jattachhapper	Cooverji Bhoja	1	
Mohpani	Great Indian Peninsula Railway	3	
British Baluchistan (No. 2 Inspection Circle).			
Bhor	Khan, Bahawal	7	
Davispur	Asgharali & Co., Abdulla	2	
Digavi	} Ferozshah, Shiawakshaw	4	
		Khan, Bahawal	8
		Sorabji & Co.	12
Khost	North-Western Railway	9	

APPENDIX V—concl'd.

Name of Mine.	Name of Owner or Company.	Serial No. in list.
British Baluchistan (No. 2 Inspection Circle)—concl'd.		
Leze	Sorabji & Co.	13
Mach	Patel, K. B. B. D.	10
Sor Range	Alibhoy Brothers	1
	Essaji & Sons	3
	Ferozshah, Shiawakshaw	5
	Hossein Ali & Co.	6
	Patel, K. B. B. D.	11
	Sorabji & Co.	14
Burma (No. 1 Inspection Circle).		
Thitchauk	Burma Mines Development and Agency, Ltd.	1
Eastern Bengal and Assam (No. 1 Inspection Circle).		
Ledo Valley (East)	Assam Railways and Trading Co., Ltd.	1
Ledo Valley (Upper)		3
Ledo Valley (West)		2
Maolong	Maolong Coal Co.	7
Namdang	Assam Railways and Trading Co., Ltd.	5
Tikak		6
Tirap		4
Punjab (No. 2 Inspection Circle).		
Chatterwal	Nath, Bhola	10
Chhaja	Chand, Lakhmi	1
Chiti Dand	Punjab Coal Co.	13
Chota Tajuwala	Ram & Sons, R. S. Rocha	14
Dandot	North-Western Railway Co.	12
Dher	Dass, Ganesh	6
Gamwala	Dass, Thakur	8
Katha	Dass, Bhagwan and Ram	2
Kotianwali	Lal & Co., Kushan	9
Makarwal	Singh & Co., R. B. Anup	16
Narianwala	Ram & Sons, R. S. Rocha	15
Rodianwali	Dass, Ishan	7
Samewala	Dass, Bhagwan and Ram	3
Tajuwala		4
Thakkar Kot		5
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Department of Mines, India.

REPORT

OF THE

CHIEF INSPECTOR OF MINES IN INDIA

Under the Indian Mines Act (VIII of 1901)

FOR THE

YEAR ENDING 31st DECEMBER,

1907

BY

J. R. R. WILSON, M. I. C. E., F. G. S.,

Chief Inspector of Mines in India.



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