

INVENTORY OF GEOLOGICAL RESOURCE OF INDIAN COAL

(As on 01.04.2008)

(Resource in million tonne)

Type of Coal	Depth	Proved	Indicated	Inferred	Total
WEST BENGAL					
1. RANIGANJ COALFIELD					
Medium Coking	0-300	194.70	1.60	0.00	196.30
	300-600	15.30	16.90	0.00	32.20
Total Medium Coking	0 - 600	210.00	18.50	0.00	228.50
Semi Coking	0-300	45.75	14.19	0.00	59.94
	300-600	109.51	113.23	23.48	246.22
	600-1200	32.79	305.07	144.75	482.61
Total Semi Coking	0 - 1200	188.05	432.49	168.23	788.77
Non Coking	0-300	9415.07	1926.32	260.99	11602.38
	300-600	1643.48	3378.43	2345.87	7367.78
	600-1200	13.22	1853.08	1668.82	3535.12
Total Non Coking	0 - 1200	11071.77	7157.83	4275.68	22505.28
TOTAL FOR RANIGANJ		11469.82	7608.82	4443.91	23522.55
2. BARJORA COALFIELD					
Total Non Coking	0-300	114.27	0.00	0.00	114.27
3. BIRBHUM COALFIELD					
Non Coking	0-300	0.00	332.91	40.01	372.92
	300-600	0.00	2805.87	523.20	3329.07
	600-1200	0.00	932.45	48.58	981.03
Total Non Coking	0 - 1200	0.00	4071.23	611.79	4683.02
4. DARJEELING COALFIELD					
Total Non Coking	0-300	0.00	0.00	15.00	15.00
TOTAL FOR WEST BENGAL		11584.09	11680.05	5070.70	28334.84
JHARKHAND					
5. RANIGANJ COALFIELD					
Medium Coking	0-300	220.00	8.87	0.00	228.87
	300-600	49.23	8.30	0.00	57.53
Total Medium Coking	0 - 600	269.23	17.17	0.00	286.40
Semi Coking	0-300	51.40	0.00	0.00	51.40
	300-600	0.00	40.00	0.00	40.00
Total Semi Coking	0 - 600	51.40	40.00	0.00	91.40
Non Coking	0-300	1111.53	89.32	29.55	1230.40
	300-600	106.03	320.07	2.00	428.10
Total Non Coking	0 - 600	1217.56	409.39	31.55	1658.50
TOTAL FOR RANIGANJ		1538.19	466.56	31.55	2036.30
6. JHARIA COALFIELD					
Prime Coking	0-600	4039.41	4.01	0.00	4043.42
	600-1200	574.94	694.70	0.00	1269.64
Total Prime Coking	0 - 1200	4614.35	698.71	0.00	5313.06
Medium Coking	0-600	4064.18	2.82	0.00	4067.00
	600-1200	296.30	1800.70	0.00	2097.00
Total Medium Coking	0 - 1200	4360.48	1803.52	0.00	6164.00
Non Coking	0-600	5606.74	495.26	0.00	6102.00
	600-1200	496.00	1355.00	0.00	1851.00
Total Non Coking	0 - 1200	6102.74	1850.26	0.00	7953.00
TOTAL FOR JHARIA		15077.57	4352.49	0.00	19430.06
7. EAST BOKARO COALFIELD					
Medium Coking	0-300	2607.20	1269.94	18.71	3895.85
	300-600	384.67	1203.06	58.53	1646.26
	600-1200	255.93	1306.54	786.08	2348.55
Total Medium Coking	0 - 1200	3247.80	3779.54	863.32	7890.66

(Resource in million tonne)

Type of Coal	Depth	Proved	Indicated	Inferred	Total
Non Coking	0-300	95.17	56.81	0.00	151.98
	300-600	8.90	5.69	0.00	14.59
Total Non Coking	0 - 600	104.07	62.50	0.00	166.57
TOTAL FOR EAST BOKARO		3351.87	3842.04	863.32	8057.23
8. WEST BOKARO COALFIELD					
Medium Coking	0-300	2918.08	1335.87	29.09	4283.04
	300-600	295.64	132.57	5.33	433.54
Total Medium Coking	0 - 600	3213.72	1468.44	34.42	4716.58
Non Coking	0-300	268.57	9.37	0.00	277.94
	300-600	5.81	4.66	0.00	10.47
Total Non Coking	0 - 600	274.38	14.03	0.00	288.41
TOTAL FOR WEST BOKARO		3488.10	1482.47	34.42	5004.99
9. RAMGARH COALFIELD					
Medium Coking	0-300	267.20	87.40	0.00	354.60
Semi Coking	0-300	171.94	95.33	0.55	267.82
	300-600	0.00	336.22	52.90	389.12
Total Semi Coking	0 - 600	171.94	431.55	53.45	656.94
Non Coking	0-300	7.13	26.20	4.60	37.93
TOTAL FOR RAMGARH		446.27	545.15	58.05	1049.47
10. NORTH KARANPURA COALFIELD					
Medium Coking	0-300	361.00	1287.30	0.00	1648.30
	300-600	23.59	1635.92	413.43	2072.94
Total Medium Coking	0 - 600	384.59	2923.22	413.43	3721.24
Non Coking	0-300	7291.03	1257.32	722.03	9270.38
	300-600	402.15	1711.40	729.50	2843.05
	600-1200	0.00	25.76	0.00	25.76
Total Non Coking	0 - 1200	7693.18	2994.48	1451.53	12139.19
TOTAL FOR NORTH KARANPURA		8077.77	5917.70	1864.96	15860.43
11. SOUTH KARANPURA COALFIELD					
Medium Coking	300-600	0.00	248.04	32.83	280.87
	600-1200	0.00	230.27	263.40	493.67
Total Medium Coking	0 - 1200	0.00	478.31	296.23	774.54
Non Coking	0-300	2461.15	686.77	287.45	3435.37
	300-600	159.26	727.24	672.69	1559.19
	600-1200	0.00	93.41	252.51	345.92
Total Non Coking	0 - 1200	2620.41	1507.42	1212.65	5340.48
TOTAL FOR SOUTH KARANPURA		2620.41	1985.73	1508.88	6115.02
12. AURANGA COALFIELD					
Non Coking	0-300	213.88	1379.39	43.07	1636.34
	300-600	0.00	867.01	423.07	1290.08
	600-1200	0.00	33.42	37.27	70.69
Total Non Coking	0 - 1200	213.88	2279.82	503.41	2997.11
13. HUTAR COALFIELD					
Non Coking	0-300	190.79	14.22	32.48	237.49
	300-600	0.00	12.33	0.00	12.33
Total Non Coking	0 - 600	190.79	26.55	32.48	249.82
14. DALTONGANJ COALFIELD					
Non Coking	0-300	83.86	60.10	0.00	143.96
15. DEOGARH COALFIELD					
Non Coking	0-300	326.24	73.60	0.00	399.84
16. RAJMAHAL COALFIELD					
Non Coking	0-300	2077.97	7760.86	522.96	10361.79
	300-600	0.00	2835.83	918.29	3754.12
Total Non Coking	0 - 600	2077.97	10596.69	1441.25	14115.91

(Resource in million tonne)

Type of Coal	Depth	Proved	Indicated	Inferred	Total
TOTAL FOR JHARKHAND		37492.92	31628.90	6338.32	75460.14
BIHAR					
17. RAJMAHAL COALFIELD					
Non Coking	0-300	0.00	0.00	160.00	160.00
TOTAL FOR BIHAR		0.00	0.00	160.00	160.00
MADHYA PRADESH					
18. JOHILLA COALFIELD					
Non Coking	0-300	185.08	104.09	32.83	322.00
19. UMARIA COALFIELD					
Non Coking	0-300	177.70	3.59	0.00	181.29
20. PENCH-KANHAN COALFIELD					
Medium Coking	0-300	67.54	263.11	16.41	347.06
	300-600	40.29	136.90	142.17	319.36
	Total Medium Coking	0 - 600	107.83	400.01	158.58
Non Coking	0-300	1057.31	161.72	35.80	1254.83
	300-600	210.84	174.98	122.40	508.22
	Total Non Coking	0 - 600	1268.15	336.70	1763.05
TOTAL FOR PENCH-KANHAN		1375.98	736.71	316.78	2429.47
21. PATHAKHERA COALFIELD					
Non Coking	0-300	261.08	51.70	0.00	312.78
	300-600	29.72	36.43	68.00	134.15
	Total Non Coking	0 - 600	290.80	88.13	446.93
22. GURGUNDA COALFIELD					
Non Coking	0-300	0.00	47.39	0.00	47.39
23. MOHPANI COALFIELD					
Non Coking	0-300	7.83	0.00	0.00	7.83
24. SOHAGPUR COALFIELD					
Medium Coking	0-300	184.57	211.38	2.01	397.96
	300-600	62.09	866.78	90.54	1019.41
	600-1200	0.00	81.94	21.70	103.64
	Total Medium Coking	0 - 1200	246.66	1160.10	114.25
Non Coking	0-300	1374.10	1328.53	64.84	2767.47
	300-600	1.27	400.42	18.37	420.06
	Total Non Coking	0 - 600	1375.37	1728.95	83.21
TOTAL FOR SOHAGPUR		1622.03	2889.05	197.46	4708.54
25. SINGRAULI COALFIELD					
Non Coking	0-300	4121.70	2660.26	1169.40	7951.36
	300-600	114.84	3313.46	992.68	4420.98
	600-1200	0.00	39.69	4.48	44.17
	Total Non Coking	0 - 1200	4236.54	6013.41	2166.56
TOTAL FOR MADHYA PRADESH		7895.96	9882.37	2781.63	20559.96
CHHATTISGARH					
26. SOHAGPUR COALFIELD					
Non Coking	0-300	94.30	10.08	0.00	104.38
27. SONHAT COALFIELD					
Semi Coking	0-300	70.77	16.45	0.00	87.22
	300-600	0.00	82.80	0.00	82.80
	Total Semi Coking	0 - 600	70.77	99.25	0.00
Non Coking	0-300	101.00	936.39	0.00	1037.39

(Resource in million tonne)

Type of Coal	Depth	Proved	Indicated	Inferred	Total
	300-600	27.72	859.37	1.89	888.98
	600-1200	0.00	568.85	0.00	568.85
Total Non Coking	0 - 1200	128.72	2364.61	1.89	2495.22
TOTAL FOR SONHAT		199.49	2463.86	1.89	2665.24
28. JHILIMILI COALFIELD					
Non Coking	0-300	228.20	38.90	0.00	267.10
29. CHIRIMIRI COALFIELD					
Non Coking	0-300	320.33	10.83	31.00	362.16
30. BISRAPUR COALFIELD					
Non Coking	0-300	733.44	765.55	0.00	1498.99
31. EAST OF BISRAPUR COALFIELD					
Non Coking	0-300	0.00	41.75	0.00	41.75
32. LAKHANPUR COALFIELD					
Non Coking	0-300	365.56	85.84	0.00	451.40
33. PANCHBAHINI COALFIELD					
Non Coking	0-300	0.00	11.00	0.00	11.00
34. HASDO-ARAND COALFIELD					
Non Coking	0-300	1183.36	2933.37	837.74	4954.47
	300-600	0.00	13.25	5.24	18.49
Total Non Coking	0 - 600	1183.36	2946.62	842.98	4972.96
35. SENDURGARH COALFIELD					
Non Coking	0-300	152.89	126.32	0.00	279.21
36. KORBA COALFIELD					
Non Coking	0-300	4955.63	2766.49	224.18	7946.30
Non Coking	300-600	24.95	1733.41	606.00	2364.36
Total Non Coking	0 - 600	4980.58	4499.90	830.18	10310.66
37. MAND-RAIGARH COALFIELD					
Non Coking	0-300	2154.84	11914.28	1930.51	15999.63
	300-600	6.33	4742.20	603.82	5352.35
	600-1200	0.00	200.42	0.00	200.42
Total Non Coking	0 - 1200	2161.17	16856.90	2534.33	21552.40
38. TATAPANI-RAMKOLA COALFIELD					
Non Coking	0-300	0.00	1021.45	24.85	1046.30
	300-600	0.00	393.15	177.34	570.49
Total Non Coking	0 - 600	0.00	1414.60	202.19	1616.79
TOTAL FOR CHHATTISGARH		10419.32	29272.15	4442.57	44134.04
UTTAR PRADESH					
39. SINGRAULI COALFIELD					
Non Coking	0-300	765.98	295.82	0.00	1061.80
TOTAL FOR UTTAR PRADESH		765.98	295.82	0.00	1061.80
MAHARASHTRA					
40. WARDHA VALLEY COALFIELD					
Non Coking	0-300	3089.55	737.70	340.83	4168.08
	300-600	3.43	507.41	1125.90	1636.74
	600-1200	0.00	13.37	0.00	13.37
Total Non Coking	0 - 1200	3092.98	1258.48	1466.73	5818.19
41. KAMPTEE COALFIELD					
Non Coking	0-300	1203.05	570.84	41.76	1815.65

(Resource in million tonne)

Type of Coal	Depth	Proved	Indicated	Inferred	Total
	300-600	73.09	494.70	324.96	892.75
	600-1200	0.00	13.69	138.72	152.41
Total Non Coking	0 - 1200	1276.14	1079.23	505.44	2860.81
42. UMRER-MAKARDHOKRA COALFIELD					
Non Coking	0-300	308.41	0.00	0.00	308.41
43. NAND-BANDER COALFIELD					
Non Coking	0-300	316.73	298.20	0.00	614.93
	300-600	0.00	168.99	0.00	168.99
	600-1200	0.00	16.76	0.00	16.76
Total Non Coking	0 - 1200	316.73	483.95	0.00	800.68
44. BOKHARA COALFIELD					
Non Coking	0-300	10.00	0.00	20.00	30.00
TOTAL FOR MAHARASHTRA		5004.26	2821.66	1992.17	9818.09
ORISSA					
45. IB-RIVER COALFIELD					
Non Coking	0-300	5455.12	6769.01	2131.66	14355.79
	300-600	4.39	3009.94	5051.67	8066.00
Total Non Coking	0 - 600	5459.51	9778.95	7183.33	22421.79
46. TALCHER COALFIELD					
Non Coking	0-300	13762.08	12388.41	4746.60	30897.09
	300-600	0.00	8569.13	1917.40	10486.53
	600-1200	0.00	991.60	466.33	1457.93
Total Non Coking	0 - 1200	13762.08	21949.14	7130.33	42841.55
TOTAL FOR ORISSA		19221.59	31728.09	14313.66	65263.34
ANDHRA PRADESH					
47. GODAVARI VALLEY COALFIELD					
Non Coking	0-300	5838.28	2307.50	113.46	8259.24
	300-600	3168.85	3305.61	647.44	7121.90
	600-1200	0.00	1097.54	2217.91	3315.45
Total Non Coking	0 - 1200	9007.13	6710.65	2978.81	18696.59
TOTAL FOR ANDHRA PRADESH		9007.13	6710.65	2978.81	18696.59
SIKKIM					
48. RANGIT VALLEY COALFIELD					
Non Coking	0-300	0.00	58.25	42.98	101.23
TOTAL FOR SIKKIM		0.00	58.25	42.98	101.23
ASSAM					
49. SINGRIMARI COALFIELD					
Non Coking	0-300	0.00	2.79	0.00	2.79
50. MAKUM COALFIELD					
High Sulphur	0-300	161.28	0.00	0.00	161.28
High Sulphur	300-600	143.59	9.85	1.19	154.63
Total High Sulphur	0 - 600	304.87	9.85	1.19	315.91
51. DILLI-JEYPORE COALFIELD					
High Sulphur	0-300	9.03	14.19	30.80	54.02
52. MIKIR HILLS COALFIELD					
High Sulphur	0-300	0.69	0.00	2.02	2.71
TOTAL FOR ASSAM		314.59	26.83	34.01	375.43
ARUNACHAL PRADESH					
53. NAMCHIK COALFIELD					
High Sulphur	0-300	31.23	40.11	18.89	90.23

(Resource in million tonne)

Type of Coal	Depth	Proved	Indicated	Inferred	Total	
TOTAL FOR ARUNACHAL PRADESH		31.23	40.11	18.89	90.23	
MEGHALAYA						
54. WEST DARANGGIRI COALFIELD						
High Sulphur	0-300	64.47	62.53	0.00	127.00	
55. BALPHAKRAM-PENDENGURU COALFIELD						
High Sulphur	0-300	0.00	0.00	107.03	107.03	
56. SIJU COALFIELD						
High Sulphur	0-300	0.00	0.00	125.00	125.00	
57. LANGRIN COALFIELD						
High Sulphur	0-300	11.34	7.20	31.46	50.00	
58. MAWLONG-SHELLA COALFIELD						
High Sulphur	0-300	2.17	0.00	3.83	6.00	
59. KHASI HILLS COALFIELD						
High Sulphur	0-300	0.00	0.00	7.09	7.09	
60. BAPUNG COALFIELD						
High Sulphur	0-300	11.01	0.00	22.65	33.66	
61. JAYANTI HILLS COALFIELD						
High Sulphur	0-300	0.00	0.00	3.65	3.65	
TOTAL FOR MEGHALAYA		88.99	69.73	300.71	459.43	
NAGALAND						
62. BORJAN COALFIELD						
High Sulphur	0-300	3.43	1.35	5.22	10.00	
63. JHANZI-DISAI COALFIELD						
High Sulphur	0-300	0.00	0.00	2.08	2.08	
64. TUEN SANG COALFIELD						
High Sulphur	0-300	0.00	0.00	1.26	1.26	
65. TIRU VALLEY COALFIELD						
High Sulphur	0-300	0.00	0.00	6.60	6.60	
TOTAL FOR NAGALAND		3.43	1.35	15.16	19.94	
Total for Tertiary coalfields		438.24	135.23	368.77	942.24	
Total for Gondwana coalfields		101391.25	124080.73	38120.84	263592.82	
GRAND TOTAL		0 - 1200	101,829.49	124215.96	38489.61	264535.06

Ø The inventory is based on data available from Geological Survey of India, Central Mine Planning and Design Institute, Mineral Exploration Corporation Limited, Singareni Colliery Company Limited, DGM, Maharashtra & DGM, Chhattisgarh

Ø This inventory dealt with net geological resources assessed, so far, and did not take into account the mined out reserve.

Ø Total coal extracted from the coalfields of India since 1950 upto 2007-08 is around 9315.23 million tonne (source: Coal Controller's Organisation, Ministry of Coal, Govt. of India).