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2019

SUMMARY

Inventory of Geological Resources of Indian Coal as on 1st April 2019

The inventory of Geological Resources of Indian Coal (as on 01.04.2019), prepared by the Geological Survey of India on the basis of resources estimated by CMPDI, MECL, GSI, SCCL and some Private/Public Entrepreneurs is enclosed for kind information. The highlights of the inventory are:

1. A total of 3,26,495.63 Mt of geological resources of coal have so far been estimated in India, upto the maximum depth of 1200 m. Out of the total resources, the Gondwana coalfields account for 3,24,871.98 Mt (99.5%), while the Tertiary coalfields of Himalayan region contribute 1,623.65 Mt (0.5%) of coal resources. The type-wise and category-wise break-up is given below:

(Resource in million tonne)

Coal Type	Proved	Indicated	Inferred	Total	% share
Prime Coking	4667.75	645.31	0.00	5313.06	1.63
Medium Coking	14875.55	11245.13	1862.86	27983.54	8.57
Semi Coking	519.44	994.87	193.21	1707.52	0.52
Sub-Total of Coking	20062.74	12885.31	2056.07	35004.12	10.72
Non-Coking	134957.86	127494.05	27415.95	289867.86	88.78
Tertiary Coal	593.81	121.17	908.67	1623.65	0.50
Grand Total	155614.41	140500.53	30380.69	326495.63	100.00
% share	47.66	43.03	9.31	100.00	

2. The depth-wise and category-wise break-up of Indian coal resources is as follows:

(Resource in million tonne)

Depth Range (m)	Proved	Indicated	Inferred	Total	% share
0-300	113760.86	65203.40	9222.10	188186.36	57.64
300-600	23454.68	60307.93	15204.02	98966.63	30.31
0-600 (for Jharia only)	8398.96	5.58	0.00	8404.54	2.57
0-600(Non-Coking)	5657.14	444.86	0.00	6102.00	1.87
600-1200	4342.77	14538.76	5954.57	24836.10	7.61
Total	155614.41	140500.53	30380.69	326495.63	100.00

3. The estimation of total resources of coal, as on 1st April 2019, has increased by **7,475.30 Mt** as compared to last year whereas 'Measured/Proved Resources' has increased by **6,826.98 Mt**, as shown in table below:

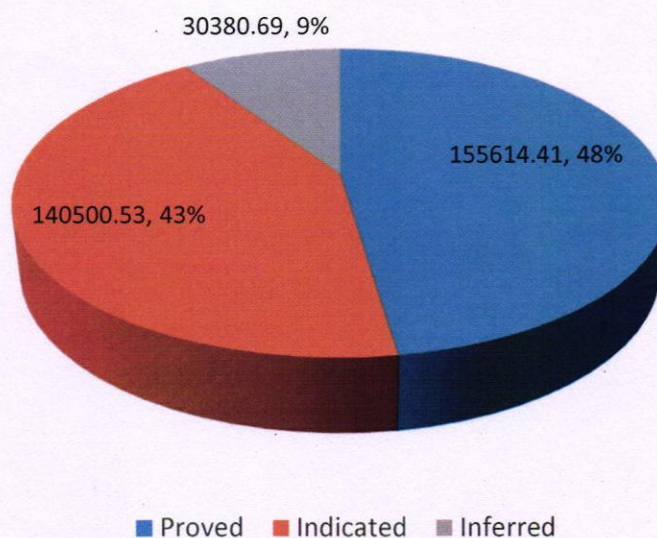
(Resource in million tonne)

Inventory as on	Proved	Indicated	Inferred	Total
1 st April 2019	155614.41	140500.53	30380.69	326495.63
1 st April 2018	148787.43	139164.14	31068.76	319020.33
Difference	6826.98	1336.39	-688.07	7475.30

4. The increase in 'Measured/Proved Resources' in Inventory of 1st April 2019 is mainly due to proving of coal resources in Raniganj (63.68 Mt), Jharia (678.48 Mt), West Bokaro (121.76 Mt), Ramgarh (180.54 Mt), North Karanpura (236.02 Mt), Rajmahal (1400.19 Mt), Pench-Kanhan (38.83 Mt), Singrauli (185.34 Mt), Bistrampur (213.79 Mt), Mand Raigarh (488.39 Mt), Tatapani-Ramkola (316.40 Mt), Wardha Valley (77.93 Mt), Kamptee (228.34 Mt), Nand-Bander (89.38 Mt), Ib-River (2263.37 Mt), Godavari (244.54 Mt) coalfields.

Proved, Indicated and Inferred Coal Resources in Million Tonnes
(as on 1st April 2019)

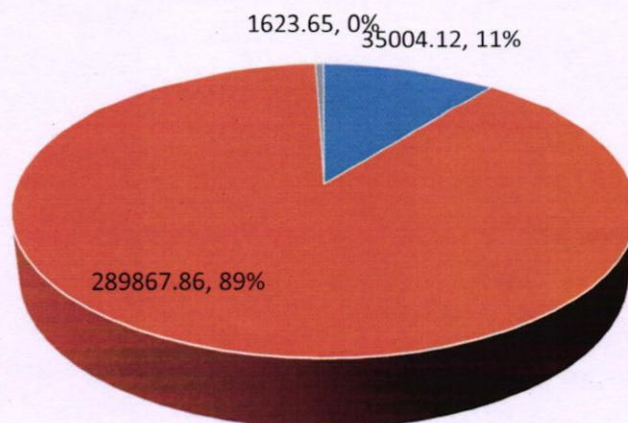
Total : 326495.63



Coking, Non-Coking and Tertiary Coal Resources in Million tonnes

(as on 1st April 2019)

Total : 326495.63

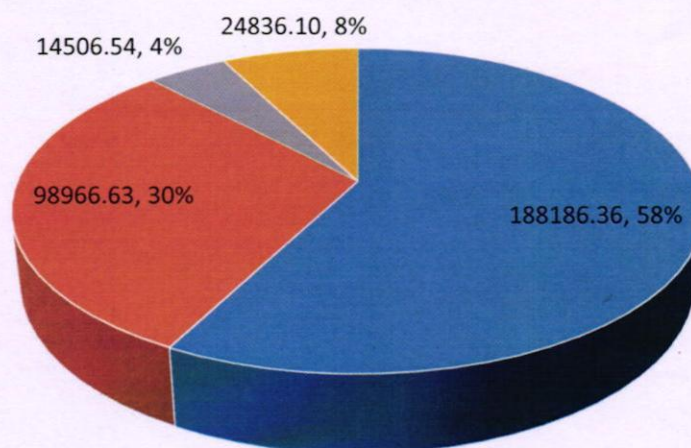


■ Coking ■ Non-Coking ■ Tertiary Coal

Depthwise Coal Resources in Million Tonnes

(as on 1st April 2019)

Total : 326495.63

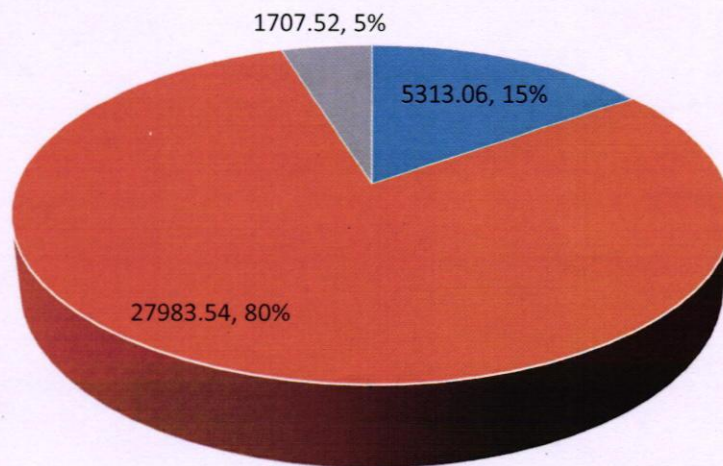


■ 0-300 ■ 300-600 ■ 0-600 ■ 600-1200

Coking Coal Resources in Million Tonnes

(as on 1st April 2019)

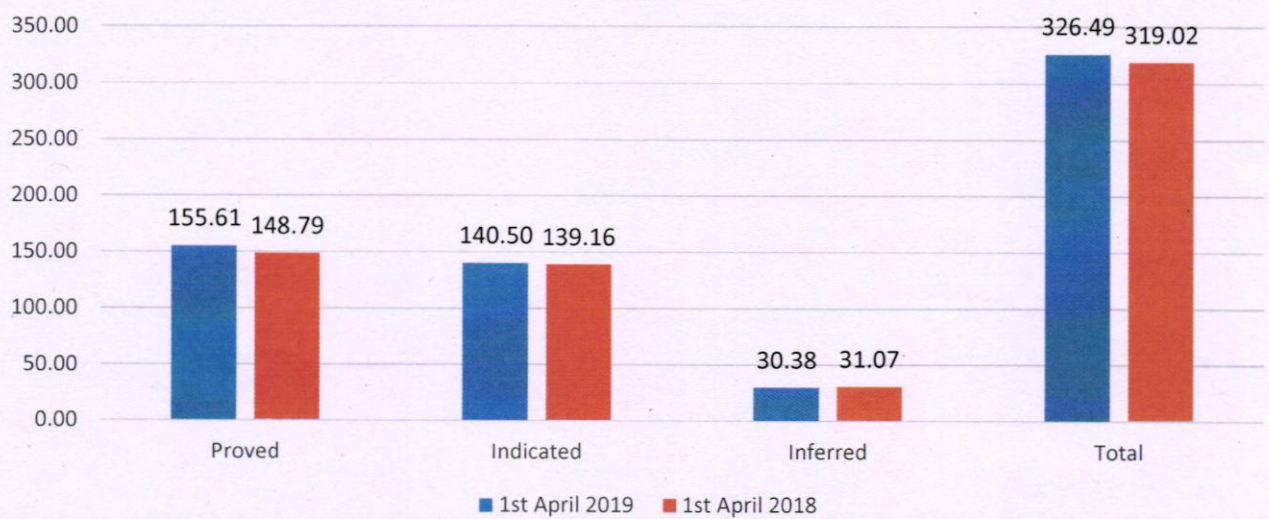
Total : 35004.12



■ Prime Coking ■ Medium Coking ■ Semi Coking

Coal Resources as compared to 1st April 2018

(In Billion Tonnes)



Statewise Coal Resources in Million Tonnes
(as on 1st April 2019)

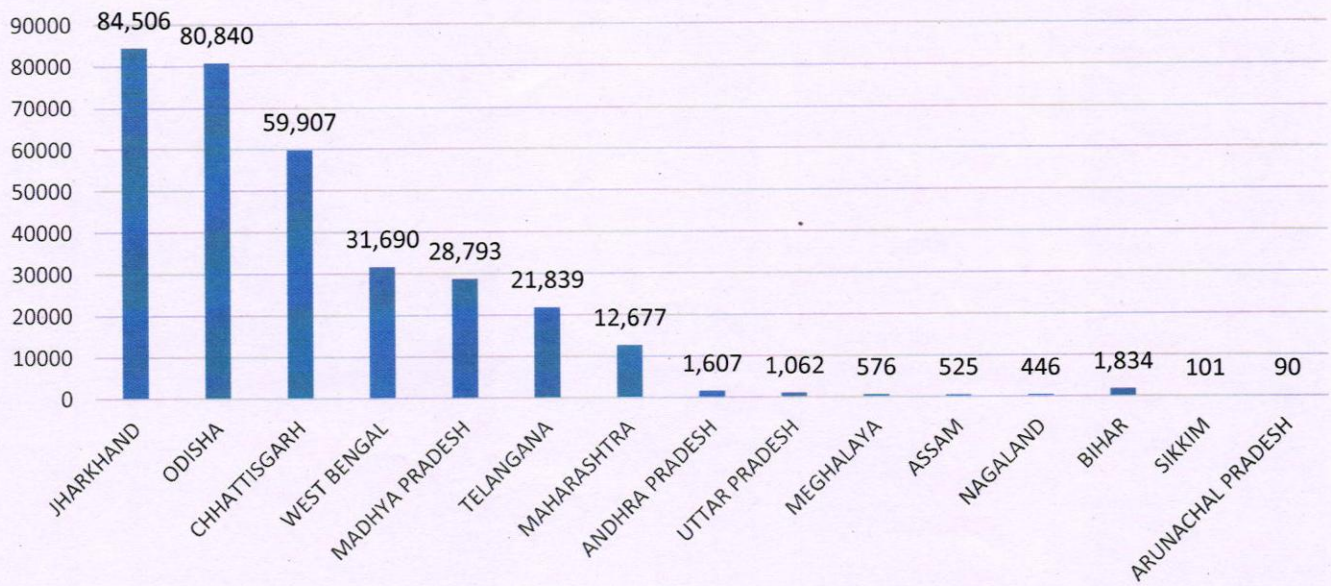


Table I						
INVENTORY OF GEOLOGICAL RESOURCE OF INDIAN COAL						
(As on 01.04.2019)						
(Resource in million tonne)						
State/ Coalfield/ Type of coal	Depth	Measured (331)	Indicated (332)	Inferred (Exploration) (333)	Inferred (Mapping) (333)	Total
1	2	3	4	5	6	7
GONDWANA COALFIELDS						
WEST BENGAL						
1. RANIGANJ						
MEDIUM COKING	0-300	202.89	0.00	0.00		202.89
	300-600	72.66	0.00	0.00		72.66
	600-1200	274.87	0.00	0.00		274.87
	MEDIUM COKING Total	550.42	0.00	0.00		550.42
SEMI-COKING	0-300	45.78	14.16	0.00		59.94
	300-600	120.92	113.23	12.07		246.22
	600-1200	58.63	296.29	127.69		482.61
	SEMI-COKING Total	225.33	423.68	139.76		788.77
NON-COKING	0-300	10248.90	1581.83	194.31		12025.04
	300-600	2679.73	3245.67	1880.44		7805.84
	600-1200	314.08	1852.19	1493.18		3659.45
	NON-COKING Total	13242.71	6679.69	3567.93		23490.33
	TOTAL FOR RANIGANJ	14018.46	7103.37	3707.69		24829.52
2. BARJORA						
NON-COKING	0-300	200.79	0.00	0.00		200.79
	NON-COKING Total	200.79	0.00	0.00		200.79
	TOTAL FOR BARJORA	200.79	0.00	0.00		200.79
3. BIRBHUM						
NON-COKING	0-300	0.00	818.42	123.53		941.95
	300-600	0.00	3727.70	603.76		4331.46
	600-1200	0.00	1197.38	174.05		1371.43
	NON-COKING Total	0.00	5743.50	901.34		6644.84
	TOTAL FOR BIRBHUM	0.00	5743.50	901.34		6644.84
4. DARJEELING						
NON-COKING	0-300	0.00	0.00	15.00		15.00
	NON-COKING Total	0.00	0.00	15.00		15.00
	TOTAL FOR DARJEELING	0.00	0.00	15.00		15.00
	TOTAL FOR WEST BENGAL	14219.25	12846.87	4624.03		31690.15
JHARKHAND						
5. RANIGANJ						
MEDIUM COKING	0-300	220.00	8.87	0.00		228.87
	300-600	49.23	8.30	0.00		57.53
	MEDIUM COKING Total	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
	SEMI-COKING Total	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
	NON-COKING Total	1217.56	409.39	31.55		1658.50
	TOTAL FOR RANIGANJ	1538.19	466.56	31.55		2036.30
6. JHARIA						
PRIME COKING	0-600	4054.27	4.01	0.00		4058.28
	600-1200	613.48	641.30	0.00		1254.78
	PRIME COKING Total	4667.75	645.31	0.00		5313.06
MEDIUM COKING	0-600	4344.69	1.57	0.00		4346.26
	600-1200	1116.61	801.70	0.00		1918.31
	MEDIUM COKING Total	5461.30	803.27	0.00		6264.57

1	2	3	4	5	6	7
NON-COKING	0-600	5657.14	444.86	0.00		6102.00
	600-1200	496.00	1355.00	0.00		1851.00
	NON-COKING Total	6153.14	1799.86	0.00		7953.00
	TOTAL FOR JHARIA	16282.19	3248.44	0.00		19530.63
7. EAST BOKARO						
MEDIUM COKING	0-300	2729.99	1277.90	18.71		4026.60
	300-600	407.44	1188.33	58.53		1654.30
	600-1200	255.93	1394.07	786.08		2436.08
	MEDIUM COKING Total	3393.36	3860.30	863.32		8116.98
NON-COKING	0-300	95.17	56.81	0.00		151.98
	300-600	8.90	5.69	0.00		14.59
	NON-COKING Total	104.07	62.50	0.00		166.57
	TOTAL FOR EAST BOKARO	3497.43	3922.80	863.32		8283.55
8. WEST BOKARO						
MEDIUM COKING	0-300	3056.42	1076.78	17.05		4150.25
	300-600	524.08	160.94	0.00		685.02
	MEDIUM COKING Total	3580.50	1237.72	17.05		4835.27
NON-COKING	0-300	316.57	21.80	0.00		338.37
	300-600	25.68	19.07	0.00		44.75
	NON-COKING Total	342.25	40.87	0.00		383.12
	TOTAL FOR WEST BOKARO	3922.75	1278.59	17.05		5218.39
9. RAMGARH						
MEDIUM COKING	0-300	728.92	155.23	0.00		884.15
	300-600	28.66	298.79	0.00		327.45
	MEDIUM COKING Total	757.58	454.02	0.00		1211.60
SEMI-COKING	0-300	171.94	95.33	0.55		267.82
	300-600	0.00	336.22	52.90		389.12
	SEMI-COKING Total	171.94	431.55	53.45		656.94
NON-COKING	0-300	7.13	26.20	4.60		37.93
	NON-COKING Total	7.13	26.20	4.60		37.93
	TOTAL FOR RAMGARH	936.65	911.77	58.05		1906.47
10. NORTH KARANPURA						
MEDIUM COKING	0-300	485.08	1163.22	0.00		1648.30
	300-600	23.59	1635.92	413.43		2072.94
	MEDIUM COKING Total	508.67	2799.14	413.43		3721.24
NON-COKING	0-300	8835.26	2250.60	722.03		11807.89
	300-600	1142.73	1123.53	729.50		2995.76
	600-1200	90.74	0.00	0.00		90.74
	NON-COKING Total	10068.73	3374.13	1451.53		14894.39
	TOTAL FOR NORTH KARANPURA	10577.40	6173.27	1864.96		18615.63
11. SOUTH KARANPURA						
MEDIUM COKING	300-600	0.00	248.04	32.83		280.87
	600-1200	0.00	265.36	263.40		528.76
	MEDIUM COKING Total	0.00	513.40	296.23		809.63
NON-COKING	0-300	3240.77	379.03	262.40		3882.20
	300-600	1372.92	376.32	584.65		2333.89
	600-1200	562.39	43.53	0.00		605.92
	NON-COKING Total	5176.08	798.88	847.05		6822.01
	TOTAL FOR SOUTH KARANPURA	5176.08	1312.28	1143.28		7631.64
12. AURANGA						
NON-COKING	0-300	352.05	1241.22	43.07		1636.34
	300-600	0.00	867.01	423.07		1290.08
	600-1200	0.00	33.42	37.27		70.69
	NON-COKING Total	352.05	2141.65	503.41		2997.11
	TOTAL FOR AURANGA	352.05	2141.65	503.41		2997.11
13. HUTAR						
NON-COKING	0-300	190.79	14.22	32.48		237.49
	300-600	0.00	12.33	0.00		12.33

1	2	3	4	5	6	7
	NON-COKING Total	190.79	26.55	32.48		249.82
	TOTAL FOR HUTAR	190.79	26.55	32.48		249.82
14. DALTONGANJ						
NON-COKING	0-300	83.86	60.10	0.00		143.96
	NON-COKING Total	83.86	60.10	0.00		143.96
	TOTAL FOR DALTONGANJ	83.86	60.10	0.00		143.96
15. DEOGARH						
NON-COKING	0-300	326.24	73.60	0.00		399.84
	NON-COKING Total	326.24	73.60	0.00		399.84
	TOTAL FOR DEOGARH	326.24	73.60	0.00		399.84
16. RAJMAHAL						
NON-COKING	0-300	4849.06	6800.91	462.04		12112.01
	300-600	299.24	3953.15	1092.66		5345.05
	600-1200	0.00	30.46	5.10		35.56
	NON-COKING Total	5148.30	10784.52	1559.80		17492.62
	TOTAL FOR RAJMAHAL	5148.30	10784.52	1559.80		17492.62
	TOTAL FOR JHARKHAND	48031.93	30400.13	6073.90		84505.96
BIHAR						
17. RAJMAHAL						
NON-COKING	0-300	309.53	607.43	11.30		928.26
	300-600	0.00	764.55	0.00		764.55
	600-1200	0.00	141.03	0.00		141.03
	NON-COKING Total	309.53	1513.01	11.30		1833.84
	TOTAL FOR RAJMAHAL	309.53	1513.01	11.30		1833.84
	TOTAL FOR BIHAR	309.53	1513.01	11.30		1833.84
MADHYA PRADESH						
18. JOHILLA						
NON-COKING	0-300	185.08	104.09	32.83		322.00
	NON-COKING Total	185.08	104.09	32.83		322.00
	TOTAL FOR JOHILLA	185.08	104.09	32.83		322.00
19. UMARIA						
NON-COKING	0-300	177.70	3.59	0.00		181.29
	NON-COKING Total	177.70	3.59	0.00		181.29
	TOTAL FOR UMARIA	177.70	3.59	0.00		181.29
20. PENCH-KANHAN						
MEDIUM COKING	0-300	67.54	263.11	16.41		347.06
	300-600	40.29	136.90	142.17		319.36
	MEDIUM COKING Total	107.83	400.01	158.58		666.42
NON-COKING	0-300	1125.77	218.52	139.38		1483.67
	300-600	282.11	373.40	683.39		1338.90
	600-1200	0.00	0.00	0.86		0.86
	NON-COKING Total	1407.88	591.92	823.63		2823.43
	TOTAL FOR PENCH-KANHAN	1515.71	991.93	982.21		3489.85
21. PATHAKHERA						
NON-COKING	0-300	261.08	51.70	0.00		312.78
	300-600	29.72	36.43	68.00		134.15
	NON-COKING Total	290.80	88.13	68.00		446.93
	TOTAL FOR PATHAKHERA	290.80	88.13	68.00		446.93
22. GURGUNDA						
NON-COKING	0-300	0.00	72.54	2.25		74.79
	300-600	0.00	12.38	44.98		57.36
	600-1200	0.00	0.00	6.16		6.16
	NON-COKING Total	0.00	84.92	53.39		138.31
	TOTAL FOR GURGUNDA	0.00	84.92	53.39		138.31
23. MOHPANI						
NON-COKING	0-300	7.83	0.00	0.00		7.83
	NON-COKING Total	7.83	0.00	0.00		7.83
	TOTAL FOR MOHPANI	7.83	0.00	0.00		7.83

1	2	3	4	5	6	7
24. SOHAGPUR						
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
	MEDIUM COKING Total	246.66	1160.10	114.25		1521.01
NON-COKING	0-300	1818.82	2806.72	169.60		4795.14
	300-600	63.70	1658.82	9.62		1732.14
	600-1200	0.00	33.61	0.00		33.61
	NON-COKING Total	1882.52	4499.15	179.22		6560.89
	TOTAL FOR SOHAGPUR	2129.18	5659.25	293.47		8081.90
25. SINGRAULI						
NON-COKING	0-300	5741.54	2386.49	1381.47		9509.50
	300-600	2123.80	3167.19	952.90		6243.89
	600-1200	10.81	250.39	110.40		371.60
	NON-COKING Total	7876.15	5804.07	2444.77		16124.99
	TOTAL FOR SINGRAULI	7876.15	5804.07	2444.77		16124.99
	TOTAL FOR MADHYA PRADESH	12182.45	12735.98	3874.67		28793.10
CHHATTISGARH						
26. SOHAGPUR						
NON-COKING	0-300	94.30	10.08	0.00		104.38
	NON-COKING Total	94.30	10.08	0.00		104.38
	TOTAL FOR SOHAGPUR	94.30	10.08	0.00		104.38
27. SONHAT						
SEMI-COKING	0-300	70.77	16.45	0.00		87.22
	300-600	0.00	82.80	0.00		82.80
	SEMI-COKING Total	70.77	99.25	0.00		170.02
NON-COKING	0-300	200.49	842.18	0.00		1042.67
	300-600	93.57	793.53	1.89		888.99
	600-1200	0.00	568.85	0.00		568.85
	NON-COKING Total	294.06	2204.56	1.89		2500.51
	TOTAL FOR SONHAT	364.83	2303.81	1.89		2670.53
28. JHILIMILI						
NON-COKING	0-300	228.20	38.90	0.00		267.10
	NON-COKING Total	228.20	38.90	0.00		267.10
	TOTAL FOR JHILIMILI	228.20	38.90	0.00		267.10
29. CHIRIMIRI						
NON-COKING	0-300	320.33	10.83	31.00		362.16
	NON-COKING Total	320.33	10.83	31.00		362.16
	TOTAL FOR CHIRIMIRI	320.33	10.83	31.00		362.16
30. BISRAPUR						
NON-COKING	0-300	1546.71	613.02	5.15		2164.88
	300-600	3.00	0.00	0.00		3.00
	NON-COKING Total	1549.71	613.02	5.15		2167.88
	TOTAL FOR BISRAPUR	1549.71	613.02	5.15		2167.88
31. EAST OF BISRAPUR						
NON-COKING	0-300	0.00	164.82	0.00		164.82
	NON-COKING Total	0.00	164.82	0.00		164.82
	TOTAL FOR EAST OF BISRAPUR	0.00	164.82	0.00		164.82
32. LAKHANPUR						
NON-COKING	0-300	455.88	3.35	0.00		459.23
	NON-COKING Total	455.88	3.35	0.00		459.23
	TOTAL FOR LAKHANPUR	455.88	3.35	0.00		459.23
33. PANCHBAHINI						
NON-COKING	0-300	0.00	11.00	0.00		11.00
	NON-COKING Total	0.00	11.00	0.00		11.00
	TOTAL FOR PANCHBAHINI	0.00	11.00	0.00		11.00
34. HASDO-ARAND						
NON-COKING	0-300	2021.84	3213.44	220.15		5455.43

1	2	3	4	5	6	7
	300-600	10.44	59.98	2.97		73.39
	NON-COKING Total	2032.28	3273.42	223.12		5528.82
	TOTAL FOR HASDO-ARAND	2032.28	3273.42	223.12		5528.82
35. SENDURGARH						
NON-COKING	0-300	152.89	126.32	0.00		279.21
	NON-COKING Total	152.89	126.32	0.00		279.21
	TOTAL FOR SENDURGARH	152.89	126.32	0.00		279.21
36. KORBA						
NON-COKING	0-300	5266.34	3491.50	99.91		8857.75
	300-600	610.92	2292.20	68.11		2971.23
	NON-COKING Total	5877.26	5783.70	168.02		11828.98
	TOTAL FOR KORBA	5877.26	5783.70	168.02		11828.98
37. MAND-RAIGARH						
NON-COKING	0-300	8337.49	11990.46	1043.19		21371.14
	300-600	1661.00	7973.90	519.85		10154.75
	600-1200	5.29	839.57	0.00		844.86
	NON-COKING Total	10003.78	20803.93	1563.04		32370.75
	TOTAL FOR MAND-RAIGARH	10003.78	20803.93	1563.04		32370.75
38. TATAPANI-RAMKOLA						
NON-COKING	0-300	197.49	1146.93	24.85		1369.27
	300-600	169.34	1473.31	184.83		1827.48
	600-1200	0.00	496.15	0.00		496.15
	NON-COKING Total	366.83	3116.39	209.68		3692.90
	TOTAL FOR TATAPANI-RAMKOLA	366.83	3116.39	209.68		3692.90
	TOTAL FOR CHATTISGARH	21446.29	36259.57	2201.90		59907.76
UTTAR PRADESH						
39. SINGRAULI						
NON-COKING	0-300	884.04	177.76	0.00		1061.80
	NON-COKING Total	884.04	177.76	0.00		1061.80
	TOTAL FOR SINGRAULI	884.04	177.76	0.00		1061.80
	TOTAL FOR UTTAR PRADESH	884.04	177.76	0.00		1061.80
MAHARASHTRA						
40. WARDHA VALLEY						
NON-COKING	0-300	4245.97	757.95	267.94		5271.86
	300-600	271.14	934.74	1146.05		2351.93
	600-1200	0.00	30.58	26.99		57.57
	NON-COKING Total	4517.11	1723.27	1440.98		7681.36
	TOTAL FOR WARDHA VALLEY	4517.11	1723.27	1440.98		7681.36
41. KAMPTEE						
NON-COKING	0-300	1492.03	387.19	28.73		1907.95
	300-600	494.50	478.38	48.20		1021.08
	600-1200	59.71	72.34	30.28		162.33
	NON-COKING Total	2046.24	937.91	107.21		3091.36
	TOTAL FOR KAMPTEE	2046.24	937.91	107.21		3091.36
42. UMRER-MAKARDHOKRA						
NON-COKING	0-300	308.41	0.00	65.53		373.94
	300-600	0.00	0.00	83.22		83.22
	600-1200	0.00	0.00	11.95		11.95
	NON-COKING Total	308.41	0.00	160.70		469.11
	TOTAL FOR UMRER-MAKARDHOKRA	308.41	0.00	160.70		469.11
43. NAND-BANDER						
NON-COKING	0-300	446.81	348.01	102.06		896.88
	300-600	244.63	227.38	15.58		487.59
	600-1200	0.00	20.80	0.06		20.86
	NON-COKING Total	691.44	596.19	117.70		1405.33
	TOTAL FOR NAND-BANDER	691.44	596.19	117.70		1405.33
44. BOKHARA						
NON-COKING	0-300	10.00	0.00	20.00		30.00

1	2	3	4	5	6	7
	NON-COKING Total	10.00	0.00	20.00		30.00
	TOTAL FOR BOKHARA	10.00	0.00	20.00		30.00
	TOTAL FOR MAHARASHTRA	7573.20	3257.37	1846.59		12677.16
ODISHA						
45. IB-RIVER						
NON-COKING	0-300	12287.21	5055.30	0.00		17342.51
	300-600	2908.54	4522.11	3610.53		11041.18
	600-1200	0.97	1235.01	0.00		1235.98
	NON-COKING Total	15196.72	10812.42	3610.53		29619.67
	TOTAL FOR IB-RIVER	15196.72	10812.42	3610.53		29619.67
46. TALCHER						
NON-COKING	0-300	20894.24	9218.27	2549.82		32662.33
	300-600	3337.57	12082.95	1083.56		16504.08
	600-1200	225.94	1359.11	469.21		2054.26
	NON-COKING Total	24457.75	22660.33	4102.59		51220.67
	TOTAL FOR TALCHER	24457.75	22660.33	4102.59		51220.67
	TOTAL FOR ODISHA	39654.47	33472.75	7713.12		80840.34
ANDHRA PRADESH						
47. GODAVARI						
NON-COKING	0-300	87.38	419.49	45.03		551.90
	300-600	9.74	577.08	107.75		694.57
	600-1200	0.00	81.87	278.87		360.74
	NON-COKING Total	97.12	1078.44	431.65		1607.21
	TOTAL FOR GODAVARI	97.12	1078.44	431.65		1607.21
	TOTAL FOR ANDHRA PRADESH	97.12	1078.44	431.65		1607.21
TELANGANA						
48. GODAVARI						
NON-COKING	0-300	6374.08	3054.73	86.52		9515.33
	300-600	3990.92	4093.20	454.04		8538.16
	600-1200	257.32	1416.81	2111.32		3785.45
	NON-COKING Total	10622.32	8564.74	2651.88		21838.94
	TOTAL FOR GODAVARI	10622.32	8564.74	2651.88		21838.94
	TOTAL FOR TELANGANA	10622.32	8564.74	2651.88		21838.94
ASSAM						
49. SINGRIMARI						
SEMI-COKING	0-300	0.00	0.39	0.00		0.39
	SEMI-COKING Total	0.00	0.39	0.00		0.39
NON-COKING	0-300	0.00	10.64	0.00		10.64
	300-600	0.00	3.46	0.00		3.46
	600-1200	0.00	0.00	0.00		0.00
	NON-COKING Total	0.00	14.10	0.00		14.10
	TOTAL FOR SINGRIMARI	0.00	14.49	0.00		14.49
	TOTAL FOR ASSAM	0.00	14.49	0.00		14.49
SIKKIM						
50. RANGIT VALLEY						
NON-COKING	0-300	0.00	58.25	42.98		101.23
	NON-COKING Total	0.00	58.25	42.98		101.23
	TOTAL FOR RANGIT VALLEY	0.00	58.25	42.98		101.23
	TOTAL FOR SIKKIM	0.00	58.25	42.98		101.23
TERTIARY COALFIELDS						
ASSAM						
51. MAKUM						
High Sulphur	0-300	246.24	4.55	0.00		250.79
	300-600	185.85	16.15	0.00		202.00
	High Sulphur Total	432.09	20.70	0.00		452.79
	TOTAL FOR MAKUM	432.09	20.70	0.00		452.79

1	2	3	4	5	6	7
52. DILLI-JEYPORE						
High Sulphur	0-300	32.00	22.02	0.00		54.02
	High Sulphur Total	32.00	22.02	0.00		54.02
	TOTAL FOR DILLI-JEYPORE	32.00	22.02	0.00		54.02
53. MIKIR HILLS						
High Sulphur	0-300	0.69	0.00	0.50	2.52	3.71
	High Sulphur Total	0.69	0.00	0.50	2.52	3.71
	TOTAL FOR MIKIR HILLS	0.69	0.00	0.50	2.52	3.71
	TOTAL FOR ASSAM	464.78	42.72	0.50	2.52	510.52
ARUNACHAL PRADESH						
54. NAMCHIK- NAMPHUK						
High Sulphur	0-300	31.23	40.11	12.89		84.23
	High Sulphur Total	31.23	40.11	12.89		84.23
	TOTAL FOR NAMCHIK- NAMPHUK	31.23	40.11	12.89		84.23
55. MIAO BUM						
High Sulphur	0-300				6.00	6.00
	High Sulphur Total				6.00	6.00
	TOTAL FOR MIAO BUM				6.00	6.00
	TOTAL FOR ARUNACHAL PRADESH	31.23	40.11	12.89	6.00	90.23
MEGHALAYA						
56. BALPHAKRAM-PENDENGURU						
High Sulphur	0-300	0.00	0.00	0.00	107.03	107.03
	High Sulphur Total	0.00	0.00	0.00	107.03	107.03
	TOTAL FOR BALPHAKRAM-PENDENGURU	0.00	0.00	0.00	107.03	107.03
57. SIJU						
High Sulphur	0-300	0.00	0.00	0.00	125.00	125.00
	High Sulphur Total	0.00	0.00	0.00	125.00	125.00
	TOTAL FOR SIJU	0.00	0.00	0.00	125.00	125.00
58. MAWLONG-SHELLA						
High Sulphur	0-300	2.17	0.00	3.83		6.00
	High Sulphur Total	2.17	0.00	3.83		6.00
	TOTAL FOR MAWLONG-SHELLA	2.17	0.00	3.83		6.00
59. BAPUNG						
High Sulphur	0-300	11.01	0.00	22.65		33.66
	High Sulphur Total	11.01	0.00	22.65		33.66
	TOTAL FOR BAPUNG	11.01	0.00	22.65		33.66
60. JAYANTI HILLS (MINOR CF)						
High Sulphur	0-300	0.00	0.00	1.10	1.24	2.34
	High Sulphur Total	0.00	0.00	1.10	1.24	2.34
	TOTAL FOR JAYANTI HILLS (MINOR CF)	0.00	0.00	1.10	1.24	2.34
61. WEST DARANGGIRI						
High Sulphur	0-300	65.40	0.00	0.00	59.60	125.00
	High Sulphur Total	65.40	0.00	0.00	59.60	125.00
	TOTAL FOR WEST DARANGGIRI	65.40	0.00	0.00	59.60	125.00
62. EAST DARANGIRI						
High Sulphur	0-300				34.19	34.19
	High Sulphur Total				34.19	34.19
	TOTAL FOR EAST DARANGIRI				34.19	34.19
63. LANGRIN						
High Sulphur	0-300	10.46	16.51		106.19	133.16
	High Sulphur Total	10.46	16.51		106.19	133.16
	TOTAL FOR LANGRIN	10.46	16.51		106.19	133.16
64. KHASI HILLS (MINOR CF)						
High Sulphur	0-300	0.00	0.00		10.10	10.10
	High Sulphur Total	0.00	0.00		10.10	10.10
	TOTAL FOR KHASI HILLS (MINOR CF)	0.00	0.00		10.10	10.10
	TOTAL FOR MEGHALAYA	89.04	16.51	27.58	443.35	576.48

1	2	3	4	5	6	7
NAGALAND						
65. BORJAN						
High Sulphur	0-300	5.50	0.00	0.00	4.50	10.00
	High Sulphur Total	5.50	0.00	0.00	4.50	10.00
	TOTAL FOR BORJAN	5.50	0.00	0.00	4.50	10.00
66. JHANZI-DISAI						
High Sulphur	0-300	2.00	21.83	109.18	0.08	133.09
	High Sulphur Total	2.00	21.83	109.18	0.08	133.09
	TOTAL FOR JHANZI-DISAI	2.00	21.83	109.18	0.08	133.09
67. TUEN SANG						
High Sulphur	0-300	1.26	0.00	2.00		3.26
	High Sulphur Total	1.26	0.00	2.00		3.26
	TOTAL FOR TUEN SANG	1.26	0.00	2.00		3.26
68. TIRU VALLEY						
High Sulphur	0-300	0.00	0.00	6.60		6.60
	High Sulphur Total	0.00	0.00	6.60		6.60
	TOTAL FOR TIRU VALLEY	0.00	0.00	6.60		6.60
DGM REPORT						
High Sulphur	0-300				293.47	293.47
	High Sulphur Total				293.47	293.47
	TOTAL FOR DGM REPORT				293.47	293.47
	TOTAL FOR NAGALAND	8.76	21.83	117.78	298.05	446.42
	<i>Total for Gondwana Coalfields</i>	<i>155020.60</i>	<i>140379.36</i>	<i>29472.02</i>	<i>0.00</i>	<i>324871.98</i>
	<i>Total for Tertiary Coalfields</i>	<i>593.81</i>	<i>121.17</i>	<i>158.75</i>	<i>749.92</i>	<i>1623.65</i>
	GRAND TOTAL	155614.41	140500.53	29630.77	749.92	326495.63
Ø The inventory is based on data available from Geological Survey of India, Central Mine Planning and Design Institute, Mineral Exploration Corporation Limited, Singareni Collieries Company Limited & DGM Nagaland Ø This inventory dealt with net geological resources assessed, so far, and did not take into account the mined out reserve. Ø An additional 5.42 million tonne of medium coking coal, including 3.12 million tonne of Measured (331) Resource and 2.30 million tonne of Indicated(332) Resource has been assessed in Jharia Coalfield in the depth of >1200m (source: CMPDI). Ø Total mined out resources from Godavari Valley Coalfield as on 31.03.2019 since commencement is 1436.99 million tonne (source: SCCL). Ø Total coal extracted from the coalfields of India during 2018-19 is 730.29 million tonne and the cumulative coal production since 1950 upto 2018-19 is 15852.57 million tonne. (source: Coal Controller, Ministry of Coal, Govt. of India).						

Table- II							
STATE-WISE AND DEPTH-WISE RESOURCE OF INDIAN COAL							
(As on 01-04-2019)							
(Resource in million tonne)							
State	Coal Type	Depth (m)	Measured (331)	Indicated (332)	Inferred (333)	Inferred (333)	Total
1	2	3	4	5	6	7	8
GONDWANA							
WEST BENGAL	MEDIUM COKING	0-300	202.89	0.00	0.00		202.89
		300-600	72.66	0.00	0.00		72.66
		600-1200	274.87	0.00	0.00		274.87
		0-1200	550.42	0.00	0.00		550.42
	SEMI-COKING	0-300	45.78	14.16	0.00		59.94
		300-600	120.92	113.23	12.07		246.22
		600-1200	58.63	296.29	127.69		482.61
		0-1200	225.33	423.68	139.76		788.77
	NON-COKING COAL	0-300	10449.69	2400.25	332.84		13182.78
		300-600	2679.73	6973.37	2484.20		12137.30
		600-1200	314.08	3049.57	1667.23		5030.88
		0-1200	13443.50	12423.19	4484.27		30350.96
	TOTAL FOR WEST BENGAL		0-300	10698.36	2414.41	332.84	13445.61
			300-600	2873.31	7086.60	2496.27	12456.18
			600-1200	647.58	3345.86	1794.92	5788.36
			0-1200	14219.25	12846.87	4624.03	31690.15
JHARKHAND	PRIME COKING	0-600	4054.27	4.01	0.00		4058.28
		600-1200	613.48	641.30	0.00		1254.78
		0-1200	4667.75	645.31	0.00		5313.06
	MEDIUM COKING	0-300	7220.41	3682.00	35.76		10938.17
		0-600	4344.69	1.57	0.00		4346.26
		300-600	1033.00	3540.32	504.79		5078.11
		600-1200	1372.54	2461.13	1049.48		4883.15
		0-1200	13970.64	9685.02	1590.03		25245.69
	SEMI-COKING	0-300	223.34	95.33	0.55		319.22
		300-600	0.00	376.22	52.90		429.12
		0-600	223.34	471.55	53.45		748.34
	NON-COKING COAL	0-300	19408.43	11013.81	1556.17		31978.41
		0-600	5657.14	444.86	0.00		6102.00
		300-600	2955.50	6677.17	2831.88		12464.55
		600-1200	1149.13	1462.41	42.37		2653.91
		0-1200	29170.20	19598.25	4430.42		53198.87
TOTAL FOR JHARKHAND			0-300	26852.18	14791.14	1592.48	43235.80
			0-600	14056.10	450.44	0.00	14506.54
			300-600	3988.50	10593.71	3389.57	17971.78
			600-1200	3135.15	4564.84	1091.85	8791.84
			0-1200	48031.93	30400.13	6073.90	84505.96
BIHAR	NON-COKING COAL	0-300	309.53	607.43	11.30		928.26
		300-600	0.00	764.55	0.00		764.55
		600-1200	0.00	141.03	0.00		141.03
		0-1200	309.53	1513.01	11.30		1833.84
MADHYA PRADESH	MEDIUM COKING	0-300	252.11	474.49	18.42		745.02
		300-600	102.38	1003.68	232.71		1338.77
		600-1200	0.00	81.94	21.70		103.64
		0-1200	354.49	1560.11	272.83		2187.43
	NON-COKING COAL	0-300	9317.82	5643.65	1725.53		16687.00
		300-600	2499.33	5248.22	1758.89		9506.44
		600-1200	10.81	284.00	117.42		412.23
		0-1200	11827.96	11175.87	3601.84		26605.67

1	2	3	4	5	6	7	8	
TOTAL FOR MADHYA PRADESH		0-300	9569.93	6118.14	1743.95		17432.02	
		300-600	2601.71	6251.90	1991.60		10845.21	
		600-1200	10.81	365.94	139.12		515.87	
		0-1200	12182.45	12735.98	3874.67		28793.10	
CHHATTISGARH	SEMI-COKING	0-300	70.77	16.45	0.00		87.22	
		300-600	0.00	82.80	0.00		82.80	
		0-600	70.77	99.25	0.00		170.02	
	NON-COKING COAL	0-300	18821.96	21662.83	1424.25		41909.04	
		300-600	2548.27	12592.92	777.65		15918.84	
		600-1200	5.29	1904.57	0.00		1909.86	
		0-1200	21375.52	36160.32	2201.90		59737.74	
		TOTAL FOR CHHATTISGARH		0-300	18892.73	21679.28	1424.25	41996.26
	300-600	2548.27	12675.72	777.65		16001.64		
	600-1200	5.29	1904.57	0.00		1909.86		
	0-1200	21446.29	36259.57	2201.90		59907.76		
UTTAR PRADESH	NON-COKING COAL	0-300	884.04	177.76	0.00		1061.80	
MAHARASHTRA	NON-COKING COAL	0-300	6503.22	1493.15	484.26		8480.63	
		300-600	1010.27	1640.50	1293.05		3943.82	
		600-1200	59.71	123.72	69.28		252.71	
		0-1200	7573.20	3257.37	1846.59		12677.16	
ODISHA	NON-COKING COAL	0-300	33181.45	14273.57	2549.82		50004.84	
		300-600	6246.11	16605.06	4694.09		27545.26	
		600-1200	226.91	2594.12	469.21		3290.24	
		0-1200	39654.47	33472.75	7713.12		80840.34	
ANDHRA PRADESH	NON-COKING COAL	0-300	87.38	419.49	45.03		551.90	
		300-600	9.74	577.08	107.75		694.57	
		600-1200	0.00	81.87	278.87		360.74	
		0-1200	97.12	1078.44	431.65		1607.21	
TELANGANA	NON-COKING COAL	0-300	6374.08	3054.73	86.52		9515.33	
		300-600	3990.92	4093.20	454.04		8538.16	
		600-1200	257.32	1416.81	2111.32		3785.45	
		0-1200	10622.32	8564.74	2651.88		21838.94	
ASSAM	SEMI-COKING	0-300	0.00	0.39	0.00		0.39	
		300-600	0.00	0.00	0.00		0.00	
		0-600	0.00	0.39	0.00		0.39	
	NON-COKING COAL	0-300	0.00	10.64	0.00		10.64	
		300-600	0.00	3.46	0.00		3.46	
		0-600	0.00	14.10	0.00		14.10	
		TOTAL FOR ASSAM		0-300	0.00	11.03	0.00	11.03
			300-600	0.00	3.46	0.00		3.46
	0-600	0.00	14.49	0.00		14.49		
SIKKIM	NON-COKING COAL	0-300	0.00	58.25	42.98		101.23	
TERTIARY								
ASSAM	High Sulphur	0-300	278.93	26.57	0.50	2.52	308.52	
		300-600	185.85	16.15			202.00	
		0-600	464.78	42.72	0.50	2.52	510.52	
ARUNACHAL PRADESH	High Sulphur	0-300	31.23	40.11	12.89	6.00	90.23	
MEGHALAYA	High Sulphur	0-300	89.04	16.51	27.58	443.35	576.48	
NAGALAND	High Sulphur	0-300	8.76	21.83	117.78	298.05	446.42	

1	2	3	4	5	6	7	8
	GRAND TOTAL	0-300	113760.86	65203.40	8472.18	749.92	188186.36
		0-600*	14056.10	450.44	0.00		14506.54
		300-600	23454.68	60307.93	15204.02	0.00	98966.63
		600-1200	4342.77	14538.76	5954.57	0.00	24836.10
			155614.41	140500.53	29630.77	749.92	326495.63

* only for Jharia coalfield for which break-up is not available

Table-II/3

Table-III GRADE-WISE RESOURCE OF NONCOKING COAL IN GONDWANA COALFIELDS OF INDIA (As on 01.04.2019)																	
Depth range (m)	Measured (331)						Indicated (332)				(Resource in million tonne)						
	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	Exploration	Inferred (333) Mapping	Grand Total
RANIGANJ																	
0-300	69.48	1533.51	3512.15	2990.94	2141.49	1.33	10248.90	23.13	183.93	456.60	411.81	506.36	0.00	1581.83	194.31	0.00	12025.04
300-600	55.96	654.61	705.33	588.34	674.37	1.12	2679.73	54.58	675.69	1186.81	686.35	642.24	0.00	3245.67	1880.44	0.00	7805.84
600-1200	12.90	84.18	121.48	77.27	18.25	0.00	314.08	152.85	367.36	529.11	419.95	382.92	0.00	1852.19	1493.18	0.00	3659.45
0-1200	138.34	2272.30	4338.96	3656.55	2834.11	2.45	13242.71	230.56	1226.98	2172.52	1518.11	1531.52	0.00	6679.69	3567.93	0.00	23490.33
BARJORA																	
0-300	0.00	0.00	0.00	0.34	200.45	0.00	200.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.79
BIRBHUM																	
0-300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	0.00	33.58	198.97	584.59	0.00	818.42	123.53	0.00	941.95
300-600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.10	1117.04	576.85	1988.71	0.00	3727.70	603.76	0.00	4331.46
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.60	296.17	528.37	354.24	0.00	1197.38	174.05	0.00	1371.43
0-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	63.70	1446.79	1304.19	2927.54	0.00	5743.50	901.34	0.00	6644.84
DARJEELING																	
0-300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	15.00
TOTAL FOR WEST BENGAL																	
	138.34	2272.30	4338.96	3656.89	3034.56	2.45	13443.50	231.84	1290.68	3619.31	2822.30	4459.06	0.00	12423.19	4484.27	0.00	30350.96
JHARKHAND																	
RANIGANJ																	
0-300	0.00	3.04	51.03	190.45	867.01	0.00	1111.53	0.00	0.00	0.00	0.72	88.60	0.00	89.32	29.55	0.00	1230.40
300-600	0.00	0.00	0.00	20.63	85.40	0.00	106.03	0.00	0.00	0.00	142.07	178.00	0.00	320.07	2.00	0.00	428.10
0-600	0.00	3.04	51.03	211.08	952.41	0.00	1217.56	0.00	0.00	0.00	142.79	266.60	0.00	409.39	31.55	0.00	1658.50
JHARIA																	
0-600	63.59	42.84	86.85	462.04	5002.02	0.00	5657.14	6.08	2.27	0.99	7.60	427.92	0.00	444.86	0.00	0.00	6102.00
600-1200	5.64	3.42	6.50	35.95	444.49	0.00	496.00	15.41	9.34	17.76	98.21	1214.28	0.00	1355.00	0.00	0.00	1851.00
0-1200	69.03	46.26	93.35	497.99	5446.51	0.00	6153.14	21.49	11.61	18.75	105.81	1642.20	0.00	1799.86	0.00	0.00	7953.00
EAST BOKARO																	
0-300	0.00	0.11	3.15	13.61	78.30	0.00	95.17	0.00	7.76	7.77	19.82	21.46	0.00	56.81	0.00	0.00	151.98
300-600	0.00	0.00	0.30	1.55	7.05	0.00	8.90	0.00	0.40	0.40	1.61	3.28	0.00	5.69	0.00	0.00	14.59
0-600	0.00	0.11	3.45	15.16	85.35	0.00	104.07	0.00	8.16	8.17	21.43	24.74	0.00	62.50	0.00	0.00	166.57
WEST BOKARO																	
0-300	0.01	3.20	19.00	64.67	229.24	0.45	316.57	0.25	0.32	1.35	5.07	14.81	0.00	21.80	0.00	0.00	338.37
300-600	0.00	0.51	2.66	10.12	12.39	0.00	25.68	0.00	0.25	1.81	7.11	9.89	0.01	19.07	0.00	0.00	44.75
0-600	0.01	3.71	21.66	74.79	241.63	0.45	342.25	0.25	0.57	3.16	12.18	24.70	0.01	40.87	0.00	0.00	383.12
RAMGARH																	
0-300	0.00	0.00	0.00	3.50	3.63	0.00	7.13	0.00	0.00	0.00	13.10	13.10	0.00	26.20	4.60	0.00	37.93
NORTH KARANPURA																	
0-300	31.01	51.92	139.56	1012.28	7575.26	25.23	8835.26	6.56	1.42	4.61	316.73	1915.01	6.27	2250.60	722.03	0.00	11807.80
300-600	0.11	2.34	21.04	235.66	881.59	1.99	1142.73	0.00	2.86	2.93	441.37	676.21	0.16	1123.53	729.50	0.00	2995.76
600-1200	0.02	0.23	1.19	12.91	76.24	0.15	90.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.74
0-1200	31.14	54.49	161.79	1260.85	8533.09	27.37	10068.73	6.56	4.28	7.54	758.10	2591.22	6.43	3374.13	1451.53	0.00	14894.39
SOUTH KARANPURA																	
0-300	149.90	151.51	373.55	830.10	1735.11	0.60	3240.77	0.02	40.07	84.33	138.40	116.21	0.00	379.03	262.40	0.00	3882.20
300-600	11.85	106.04	148.97	559.46	546.37	0.23	1372.92	0.19	35.97	46.78	120.80	172.58	0.00	376.32	584.65	0.00	2333.89
600-1200	1.17	69.45	176.24	238.30	57.21	0.02	562.39	0.00	0.00	7.53	9.35	26.65	0.00	43.53	0.00	0.00	605.92
0-1200	162.92	327.00	698.76	1647.86	2338.69	0.85	5176.08	0.21	76.04	138.64	268.55	315.44	0.00	798.88	847.05	0.00	6822.01

Depth range (m)	Measured (331)						Indicated (332)						Inferred (333)		Grand Total		
	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total		Exploration	Mapping
AURANGA																	
0-300	0.00	0.00	0.00	0.04	352.01	0.00	352.05	0.00	8.04	11.03	134.71	1087.44	0.00	1241.22	43.07	0.00	1636.34
300-600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.33	95.19	749.49	0.00	867.01	423.07	0.00	1290.08
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.74	18.68	0.00	33.42	37.27	0.00	70.69
0-1200	0.00	0.00	0.00	0.04	352.01	0.00	352.05	0.00	8.04	33.36	244.64	1855.61	0.00	2141.65	503.41	0.00	2997.11
HUTAR																	
0-300	28.39	56.51	41.01	40.23	24.65	0.00	190.79	4.22	5.00	5.00	0.00	0.00	0.00	14.22	32.48	0.00	237.49
300-600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	3.83	3.83	0.72	0.78	0.00	12.33	0.00	0.00	12.33
600-1200	28.39	56.51	41.01	40.23	24.65	0.00	190.79	7.39	8.83	8.83	0.72	0.78	0.00	26.55	32.48	0.00	249.82
DALTONGANJ																	
0-300	10.00	20.00	29.00	4.00	20.86	0.00	83.86	7.14	14.28	20.71	2.86	15.11	0.00	60.10	0.00	0.00	143.96
DEOGARH																	
0-300	0.87	25.19	70.81	90.03	139.34	0.00	326.24	0.20	5.68	15.97	20.31	31.44	0.00	73.60	0.00	0.00	399.84
RAJMAHAL																	
0-300	0.00	0.56	53.19	207.25	4530.76	57.30	4849.06	0.34	27.73	331.51	1660.79	4745.07	35.47	6800.91	462.04	0.00	12112.01
300-600	0.00	0.00	3.82	35.20	252.61	7.61	299.24	0.00	30.45	391.86	1255.51	2243.16	32.17	3953.15	1092.66	0.00	5345.05
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	29.75	0.00	30.46	5.10	0.00	35.56
0-1200	0.00	0.56	57.01	242.45	4783.37	64.91	5148.30	0.34	58.18	723.37	2917.01	7017.98	67.64	10784.52	1559.80	0.00	17492.62
TOTAL FOR JHARKHAND																	
302.36	536.87	1227.87	4087.98	22921.54	93.58	29170.20	43.58	195.67	978.50	4507.50	13798.92	74.08	19598.25	4430.42	0.00	53198.87	
BIHAR																	
RAJMAHAL																	
0-300	0.00	0.00	0.00	0.00	291.08	18.45	309.53	0.00	0.00	0.00	69.09	482.04	56.30	607.43	11.30	0.00	928.26
300-600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	43.77	150.72	527.52	41.17	764.55	0.00	0.00	764.55
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.25	19.83	17.10	95.55	4.30	141.03	0.00	0.00	141.03
0-1200	0.00	0.00	0.00	0.00	291.08	18.45	309.53	0.00	5.62	63.60	236.91	1105.11	101.77	1513.01	11.30	0.00	1833.84
TOTAL FOR BIHAR																	
0.00	0.00	0.00	0.00	291.08	18.45	309.53	0.00	5.62	63.60	236.91	1105.11	101.77	1513.01	11.30	0.00	0.00	1833.84
MADHYA PRADESH																	
JOHILLA																	
0-300	0.31	36.17	70.29	44.33	33.98	0.00	185.08	0.00	32.52	32.59	17.25	21.73	0.00	104.09	32.83	0.00	322.00
UMARIA																	
0-300	0.50	11.63	39.02	59.69	66.86	0.00	177.70	0.11	0.49	1.02	1.36	0.61	0.00	3.59	0.00	0.00	181.29
PENCH-KANHAN																	
0-300	53.94	154.42	294.97	292.73	329.70	0.01	1125.77	14.57	35.92	56.15	78.88	33.00	0.00	218.52	139.38	0.00	1483.67
300-600	17.61	41.43	67.78	76.26	79.03	0.00	282.11	27.57	96.43	133.49	36.90	74.52	4.49	373.40	683.39	0.00	1338.90
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.86
0-1200	71.55	195.85	362.75	368.99	408.73	0.01	1407.88	42.14	132.35	189.64	115.78	107.52	4.49	591.92	823.63	0.00	2823.43
PATHAKHERA																	
0-300	1.08	13.12	63.51	87.45	95.92	0.00	261.08	0.00	2.76	4.36	12.54	32.04	0.00	51.70	0.00	0.00	312.78
300-600	0.00	0.22	4.73	13.63	11.14	0.00	29.72	0.00	0.00	2.72	14.68	19.03	0.00	36.43	68.00	0.00	134.15
600-1200	1.08	13.34	68.24	101.08	107.06	0.00	290.80	0.00	2.76	7.08	27.22	51.07	0.00	88.13	68.00	0.00	446.93
GURGUNDA																	
0-300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	3.74	5.67	62.95	0.00	72.54	2.25	0.00	74.79
300-600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.50	0.24	11.12	0.00	12.38	44.98	0.00	57.36
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.16	0.00	6.16
0-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	4.24	5.91	74.07	0.00	84.92	53.39	0.00	138.31
MOHPANI																	
0-300	0.00	0.00	0.00	0.00	7.83	0.00	7.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83

Depth range (m)	Measured (331)					Indicated (332)					Inferred (333)		Grand Total				
	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14		G15-G17	Total	Exploration	Mapping
SOHAGPUR																	
0-300	114.62	260.70	454.86	423.14	563.03	2.47	1818.82	105.86	436.05	865.38	683.99	709.74	5.70	2806.72	169.60	0.00	4795.14
300-600	0.07	6.34	7.35	19.48	29.36	1.10	63.70	122.83	416.78	530.59	311.50	274.45	2.67	1658.82	9.62	0.00	1732.14
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	12.64	3.14	9.22	7.65	0.00	33.61	0.00	0.00	33.61
0-1200	114.69	267.04	462.21	442.62	592.39	3.57	1882.52	229.65	865.47	1399.11	1004.71	991.84	8.37	4499.15	179.22	0.00	6560.89
SINGRAULI																	
0-300	4.62	87.42	783.52	1253.02	3595.40	17.56	5741.54	41.87	190.03	723.05	568.76	837.45	25.33	2386.49	1381.47	0.00	9509.50
300-600	2.45	35.68	136.22	622.29	1316.83	10.33	2123.80	30.69	306.43	601.89	1067.76	1080.14	80.28	3167.19	952.90	0.00	6243.89
600-1200	0.00	0.71	0.56	0.61	8.83	0.10	10.81	16.56	66.15	64.74	59.96	41.60	1.38	250.39	110.40	0.00	371.60
0-1200	7.07	123.81	920.30	1875.92	4921.06	27.99	7876.15	89.12	562.61	1389.68	1696.48	1959.19	106.99	5804.07	2444.77	0.00	16124.99
TOTAL FOR MADHYA PRADESH																	
	195.20	647.84	1922.81	2892.63	6137.91	31.57	11827.96	361.02	1596.90	3023.36	2868.71	3206.03	119.85	11175.87	3601.84	0.00	26605.67
CHHATTISGARH																	
SOHAGPUR																	
0-300	23.20	35.40	29.02	4.92	1.76	0.00	94.30	0.43	1.28	6.99	0.96	0.42	0.00	10.08	0.00	0.00	104.38
SONHAT																	
0-300	25.77	50.66	25.08	21.83	71.87	5.28	200.49	0.00	8.46	38.10	266.81	528.81	0.00	842.18	0.00	0.00	1042.67
300-600	11.82	31.71	14.28	21.41	14.34	0.01	93.57	2.49	115.60	192.89	353.34	129.21	0.00	793.53	1.89	0.00	888.99
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	46.09	105.85	176.77	240.04	0.00	568.85	0.00	0.00	568.85
0-1200	37.59	82.37	39.36	43.24	86.21	5.29	294.06	2.59	170.15	356.84	796.92	898.06	0.00	2204.56	1.89	0.00	2500.51
JHILMILI																	
0-300	64.86	49.70	27.40	15.02	71.22	0.00	228.20	14.02	10.11	7.78	0.66	6.33	0.00	38.90	0.00	0.00	267.10
CHIRIMIRI																	
0-300	66.14	116.11	116.09	11.00	10.99	0.00	320.33	0.76	5.04	5.03	0.00	0.00	0.00	10.83	31.00	0.00	362.16
BISKAMPUR																	
0-300	99.01	287.69	185.05	269.02	659.86	46.08	1546.71	17.18	46.70	116.63	149.75	279.53	3.23	613.02	5.15	0.00	2164.88
300-600	0.02	2.14	0.40	0.44	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
0-600	99.03	289.83	185.45	269.46	659.86	46.08	1549.71	17.18	46.70	116.63	149.75	279.53	3.23	613.02	5.15	0.00	2167.88
EAST OF BISKAMPUR																	
0-300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.95	5.59	28.17	77.54	38.57	0.00	164.82	0.00	0.00	164.82
LAKHANPUR																	
0-300	4.22	44.21	125.23	135.25	146.97	0.00	455.88	0.00	0.00	0.03	0.79	2.53	0.00	3.35	0.00	0.00	459.23
PANCHBAHINI																	
0-300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	6.60	1.73	2.66	0.00	11.00	0.00	0.00	11.00
HASDO-ARAND																	
0-300	1.36	18.41	100.95	360.57	1540.55	0.00	2021.84	61.42	151.19	634.46	1279.95	1086.42	0.00	3213.44	220.15	0.00	5455.43
300-600	0.00	0.00	0.06	1.43	8.95	0.00	10.44	8.69	28.80	12.06	8.12	2.31	0.00	59.98	2.97	0.00	73.39
0-600	1.36	18.41	101.01	362.00	1549.50	0.00	2032.28	70.11	179.99	646.52	1288.07	1088.73	0.00	3273.42	223.12	0.00	5528.82
SENDURGARH																	
0-300	0.78	27.79	48.24	32.53	43.55	0.00	152.89	11.57	51.22	30.77	19.27	13.49	0.00	126.32	0.00	0.00	279.21
KORBA																	
0-300	223.01	110.08	148.96	255.05	4502.89	26.35	5266.34	38.15	32.95	114.86	126.29	3179.25	0.00	3491.50	99.91	0.00	8857.75
300-600	10.00	0.00	0.00	6.26	591.88	2.78	610.92	7.50	0.00	39.81	372.77	1872.12	0.00	2292.20	68.11	0.00	2971.23
0-600	233.01	110.08	148.96	261.31	5094.77	29.13	5877.26	45.65	32.95	154.67	499.06	5051.37	0.00	5783.70	168.02	0.00	11828.98
MAND-RAIGARH																	
0-300	24.34	42.16	220.00	667.32	7287.93	95.74	8337.49	79.09	32.65	241.75	1798.44	9771.62	66.91	11990.46	1043.19	0.00	21371.14
300-600	70.20	42.22	181.34	467.34	897.33	2.57	1661.00	98.86	82.31	390.10	1593.45	5629.66	179.52	7973.90	519.85	0.00	10154.75
600-1200	0.00	0.00	0.82	3.36	1.11	0.00	5.29	0.50	4.65	96.92	220.56	507.66	9.28	839.57	0.00	0.00	844.86
0-1200	94.54	84.38	402.16	1138.02	8186.37	98.31	10003.78	178.45	119.61	728.77	3612.45	15908.94	255.71	20803.93	1563.04	0.00	32370.75

Depth range (m)	Measured (331)							Indicated (332)							Inferred (333)		Grand Total
	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	Exploration	Mapping	
TATAPANIRAKHOLA																	
0-300	1.15	3.86	5.23	12.23	159.15	15.87	197.49	23.86	75.53	234.77	291.86	517.82	5.09	1146.93	24.85	0.00	1369.27
300-600	0.00	1.69	0.39	13.29	136.96	17.01	169.34	70.51	109.58	251.16	322.44	712.94	5.68	1473.31	184.83	0.00	1827.48
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.77	55.23	33.37	88.88	290.81	5.09	496.15	0.00	0.00	496.15
0-1200	1.15	5.55	5.62	25.52	296.11	32.88	366.83	117.14	238.34	519.30	704.18	1521.57	15.86	3116.39	209.68	0.00	3692.90
TOTAL FOR CHHATTISGARH																	
	625.88	865.83	1238.54	2298.27	16147.31	211.69	21378.52	472.85	860.99	2588.10	7151.38	24812.20	274.80	36160.32	2201.90	0.00	59737.74
SINGRAULI																	
0-300	0.00	0.00	8.05	275.80	600.19	0.00	884.04	0.00	0.00	0.00	99.09	78.67	0.00	177.76	0.00	0.00	1061.80
TOTAL FOR UTTAR PRADESH																	
	0.00	0.00	8.05	275.80	600.19	0.00	884.04	0.00	0.00	0.00	99.09	78.67	0.00	177.76	0.00	0.00	1061.80
MAHARASHTRA																	
WARDHA VALLEY																	
0-300	0.00	31.82	299.07	1705.65	2173.19	36.24	4245.97	0.00	24.33	46.14	322.51	364.48	0.49	757.95	267.94	0.00	5271.86
300-600	0.00	0.00	1.84	39.95	220.68	8.67	271.14	0.00	46.03	105.52	214.91	564.92	3.36	934.74	1146.05	0.00	2351.93
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.09	19.49	0.00	30.58	26.99	0.00	57.57
0-1200	0.00	31.82	300.91	1745.60	2293.87	44.91	4517.11	0.00	70.36	151.66	548.51	948.89	3.85	1723.27	1440.98	0.00	7681.36
KANPTEE																	
0-300	2.20	69.29	340.10	438.97	640.48	0.99	1492.03	4.87	8.36	101.83	111.40	160.67	0.06	387.19	28.73	0.00	1907.95
300-600	4.29	39.71	50.30	178.47	216.51	5.22	494.50	16.73	25.15	171.67	81.57	182.78	0.48	478.38	48.20	0.00	1021.08
600-1200	3.54	12.08	6.03	10.20	27.06	0.80	59.71	8.13	16.93	5.74	9.86	30.59	1.09	72.34	30.28	0.00	162.33
0-1200	10.03	121.08	396.43	627.64	884.05	7.01	2046.24	29.73	50.44	279.24	202.83	374.04	1.63	937.91	107.21	0.00	3091.36
UNNER-MAKARDHOKRA																	
0-300	0.00	0.53	42.18	127.29	138.41	0.00	308.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.53	0.00	373.94
300-600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.22	0.00	83.22
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.95	0.00	11.95
0-1200	0.00	0.53	42.18	127.29	138.41	0.00	308.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.70	0.00	469.11
NAND-BANDER																	
0-300	2.80	48.30	93.06	125.35	177.22	0.08	446.81	0.00	7.16	87.68	134.17	119.00	0.00	348.01	102.06	0.00	836.88
300-600	0.06	8.53	22.84	46.11	167.07	0.02	244.63	0.00	14.52	82.45	63.88	66.53	0.00	227.38	15.58	0.00	487.59
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40	9.19	5.57	0.64	0.00	20.80	0.06	0.00	20.86
0-1200	2.86	56.83	115.90	171.46	344.29	0.10	691.44	0.00	27.08	179.32	203.62	186.17	0.00	596.19	117.70	0.00	1405.33
BOKHARA																	
0-300	0.00	1.33	1.33	2.66	4.68	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	30.00
TOTAL FOR MAHARASHTRA																	
	12.89	211.59	856.75	2674.65	3765.30	52.02	7573.20	29.73	147.88	610.22	954.96	1509.10	5.48	3257.37	1846.59	0.00	12677.16
ODISHA																	
IB-RIVER																	
0-300	0.33	4.89	58.87	437.06	11157.84	628.22	12287.21	4.15	10.56	70.14	210.38	4728.78	31.29	5055.30	0.00	0.00	17342.51
300-600	0.12	13.59	59.26	131.81	2334.60	369.16	2908.54	15.86	129.82	202.36	487.20	3579.80	107.07	4522.11	3610.53	0.00	11041.18
600-1200	0.01	0.86	0.06	0.04	0.00	0.00	0.97	0.00	0.00	34.19	119.85	1002.02	78.95	1235.01	0.00	0.00	1235.98
0-1200	0.46	19.34	118.19	568.91	13492.44	997.38	15196.72	20.01	140.38	306.69	817.43	9510.60	217.31	10812.42	3610.53	0.00	29619.67
TALCHER																	
0-300	25.05	216.54	262.33	604.13	19345.10	441.09	20894.24	35.59	108.09	219.54	990.65	7864.40	0.00	9218.27	2549.82	0.00	33462.33
300-600	4.30	10.67	28.18	83.84	2808.61	401.97	3337.57	48.06	190.11	293.15	1399.39	10152.24	0.00	12082.95	1083.56	0.00	16504.08
600-1200	6.04	10.31	5.79	17.02	186.78	0.00	225.94	0.00	11.00	52.55	69.31	1226.25	0.00	1359.11	469.21	0.00	2054.26
0-1200	35.39	237.52	296.30	704.99	22340.49	843.06	24457.75	83.65	309.20	565.24	2459.35	19242.89	0.00	22660.33	4102.59	0.00	51220.67
TOTAL FOR ODISHA																	
	35.85	256.86	414.49	1273.90	35832.83	1840.44	39654.47	103.66	449.58	871.93	3276.78	28553.49	217.31	33472.75	7713.12	0.00	80840.34
ANDHRA PRADESH																	
GODAVARI																	
0-300	0.00	0.00	0.00	2.56	60.41	24.41	87.38	0.00	0.00	3.82	17.25	398.42	0.00	419.49	45.03	0.00	551.90

Depth range (m)	Measured (331)							Indicated (332)							Inferred (333)			Grand Total
	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	Exploration	Mapping		
300-600	0.00	0.00	0.00	0.02	7.62	2.10	9.74	0.00	0.00	4.56	13.89	538.63	0.00	577.08	107.75	0.00	694.57	
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.00	80.09	0.00	81.87	278.87	0.00	360.74	
0-1200	0.00	0.00	0.00	2.38	68.03	26.51	97.12	0.00	0.00	10.16	31.14	1037.14	0.00	1078.44	431.65	0.00	1607.21	
TOTAL FOR ANDHRA PRADESH	0.00	0.00	0.00	2.38	68.03	26.51	97.12	0.00	0.00	10.16	31.14	1037.14	0.00	1078.44	431.65	0.00	1607.21	
TELANGANA																		
GODAVARI																		
0-300	46.32	240.39	1240.59	1298.29	3546.36	2.13	6374.08	45.73	96.64	333.79	524.12	2054.45	0.00	3054.73	86.52	0.00	9515.33	
300-600	32.93	216.94	717.02	1153.35	1860.16	1.52	3990.92	44.86	155.91	496.64	710.06	2685.73	0.00	4093.20	454.04	0.00	8538.16	
600-1200	2.21	14.94	18.58	87.28	134.28	0.03	257.32	8.16	149.74	228.90	410.39	619.62	0.00	1416.81	2111.32	0.00	3785.45	
0-1200	81.46	472.27	1976.19	2538.92	5549.80	3.68	10622.32	98.75	402.29	1059.33	1644.57	5359.80	0.00	8564.74	2651.88	0.00	21838.94	
TOTAL FOR TELANGANA	81.46	472.27	1976.19	2538.92	5549.80	3.68	10622.32	98.75	402.29	1059.33	1644.57	5359.80	0.00	8564.74	2651.88	0.00	21838.94	
ASSAM																		
SINGRIMARI																		
0-300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.79	0.00	4.83	3.02	0.00	10.64	0.00	0.00	10.64	
300-600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	2.91	0.00	3.46	0.00	0.00	3.46	
600-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0-1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.79	0.00	5.38	5.93	0.00	14.10	0.00	0.00	14.10	
TOTAL FOR ASSAM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.79	0.00	5.38	5.93	0.00	14.10	0.00	0.00	14.10	
SIKKIM																		
RANGIT VALLEY																		
0-300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.43	48.21	5.61	0.00	58.25	42.98	0.00	101.23	
TOTAL FOR SIKKIM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.43	48.21	5.61	0.00	58.25	42.98	0.00	101.23	
GRAND TOTAL	1391.98	5261.56	11973.66	19701.62	94348.65	2280.39	134957.86	1341.43	4952.40	12828.94	23646.93	83931.06	793.29	127494.05	27415.95	0.00	289867.86	

Table-IV RESOURCE OF DIFFERENT TYPES OF INDIAN COAL (As on 01-04-2019)					
Table-IVA			(Resource in million tonne)		
Depth Range(m)	Measured (331)	Indicated (332)	Inferred (333)	Inferred (333)	Total
			Exploration	Mapping	
GONDWANA COAL					
Coking					
0-300	8015.30	4282.82	54.73		12352.85
0-600	8398.96	5.58	0.00		8404.54
300-600	1328.96	5116.25	802.47		7247.68
600-1200	2319.52	3480.66	1198.87		6999.05
0-1200	20062.74	12885.31	2056.07		35004.12
Non-coking					
0-300	105337.60	60815.56	8258.70		174411.86
0-600	5657.14	444.86	0.00		6102.00
300-600	21939.87	55175.53	14401.55		91516.95
600-1200	2023.25	11058.10	4755.70		17837.05
0-1200	134957.86	127494.05	27415.95		289867.86
TERTIARY COAL					
High Sulphur					
0-300	407.96	105.02	158.75	749.92	1421.65
300-600	185.85	16.15	0.00	0.00	202.00
0-600	593.81	121.17	158.75	749.92	1623.65

Table-IVB SUMMARIZED TABLE (Resource in million tonne)								
Depth Range(m)	Coking			Non-coking			High Sulphur	Grand Total
	Prime	Medium	Semi coking	Superior (G1-G6)	Inferior (G7-G17)	Ungraded		
0-300	0.00	11886.08	466.77	21477.11	144676.05	8258.70	1421.65	188186.36
0-600	4058.28	4346.26	0.00	202.42	5899.58	0.00	0.00	14506.54
300-600	0.00	6489.54	758.14	13005.89	64109.51	14401.55	202.00	98966.63
600-1200	1254.78	5261.66	482.61	3064.55	10016.80	4755.70	0.00	24836.10
0-1200	5313.06	27983.54	1707.52	37749.97	224701.94	27415.95	1623.65	326495.63

Table-IVC: STATE-WISE BREAK-UP OF INDIAN COAL RESOURCE (Resource in million tonne)		
State	Resource	
JHARKHAND	84505.96	
ODISHA	80840.34	
CHHATTISGARH	59907.76	
WEST BENGAL	31690.15	
MADHYA PRADESH	28793.10	
TELANGANA	21838.94	
MAHARASHTRA	12677.16	
BIHAR	1833.84	
ANDHRA PRADESH	1607.21	
UTTAR PRADESH	1061.80	
MEGHALAYA	576.48	
ASSAM	525.01	
NAGALAND	446.42	
SIKKIM	101.23	
ARUNACHAL PRADESH	90.23	
Total	326495.63	

Table-V
DEPTH-WISE, CATEGORY-WISE AND TYPE-WISE RESOURCE OF COAL
(As on 01-04-2019)

Table-VA: COKING COAL

Coal Type	Depth Range	(Resource in million tonne)			
		Measured (321)	Indicated (322)	Inferred (333)	Total
PRIME COKING	0-600	4054.27	4.01	0.00	4058.28
	600-1200	613.48	641.30	0.00	1254.78
	0-1200	4667.75	645.31	0.00	5313.06
MEDIUM COKING	0-300	7675.41	4156.49	54.18	11886.08
	0-600	4344.69	1.57	0.00	4346.26
	300-600	1208.04	4544.00	737.50	6489.54
	600-1200	1647.41	2543.07	1071.18	5261.66
	0-1200	14875.55	11245.13	1862.86	27983.54
SEMI-COKING	0-300	339.89	126.33	0.55	466.77
	300-600	120.92	572.25	64.97	758.14
	600-1200	58.63	296.29	127.69	482.61
	0-1200	519.44	994.87	193.21	1707.52
Grand Total		20067.74	12885.31	2056.66	35004.12

Table-VB: NON-COKING COAL

Depth range (m)	Measured (331)							Indicated (332)							Inferred (333)	Grand Total
	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total		
0-300	1075.27	3808.17	9375.45	14410.30	75222.53	1445.88	105337.60	557.32	1668.84	4992.06	10837.49	42523.71	236.14	60815.56	8258.70	174411.86
0-600	63.39	42.84	86.85	462.04	5002.02	0.00	5657.14	6.08	2.27	0.90	7.60	427.92	0.00	444.86	0.00	6102.00
600-900	221.79	1214.37	2174.11	4326.34	13169.85	833.41	21939.87	552.59	2513.91	6329.12	10531.95	34790.90	457.06	55175.53	14401.55	91516.95
900-1200	31.53	196.18	337.25	502.94	954.25	1.10	2023.25	225.44	767.38	1506.77	2269.89	6188.53	100.09	11058.10	4755.70	17837.05
1200-1500	1391.98	5261.56	11973.66	19701.62	94348.65	2280.39	134957.86	1341.43	4952.40	12828.94	23646.93	83931.06	793.29	127494.05	27415.95	289867.86

Table-VC: SUMMARY OF GRADE-WISE RESOURCES OF NON-COKING COAL

Grade	Gross Calorific Value (GCV)	Resources (million tonne)
G1-G3	6401 & above	2,733.41
G4-G5	5801 - 6400	10,213.96
G6	5501 - 5800	24,802.60
G7-G8	4901 - 5500	43,348.45
G9-G14	3101 - 4900	1,78,279.71
G15-G17	2201 - 3100	3073.68
Ungraded		27,415.95
Total		2,80,867.8