

Table 5
INDIAN MINERAL WEALTH - RESERVES AND RESOURCES

Commodity (M tonnes)	Proved	Reserves/Resources		Total
		Probable	Possible	
Coal				
Coking Coal	13733		14179	27912
Non-Coking Coal	32681		97872	130553
Iron Ore				
Hematite	4689	2824	2088	9602
Magnetite	1766	782	595	3143
Manganese Ore				
Resources	64.6	102.1	203.0	369.8
Recoverable Reserves	28.6	41.8	106.1	176.5
Conditional Resources	0	0.4	1.8	2.2
Copper Ore				
Resources	156.2	145.4	120.6	422.2
Recoverable Reserves	138.3	101.9	84.5	324.8
Conditional Resources	122.3	106.8	609.5	838.1
Lead/Zinc				
Ore Resources	81.8	43.1	90.1	215.0
Lead metal	1.7	1.1	2.3	5.0
Zinc metal	7.3	3.3	4.6	15.2
Recoverable Ore Reserves	67.0	34.0	66.5	167.6
Lead metal	0.8	0.5	1.0	2.4
Zinc metal	3.9	1.7	2.2	7.9
Conditional Ore Resources	5.2	106.7	65.6	177.5
Lead metal	neg.	0.8	0.6	1.4
Zinc metal	neg.	2.1	1.2	3.4
Gold Ore¹				
Resources	8.25	7.65	4.56	20.46
Recoverable Reserves	8.25	7.65	4.56	20.46
Conditional Resources	2.35	1.98	4.42	8.76
Diamonds (Carats)				
Resources	1065795	0	130359	1196154
Recoverable Reserves	1605795	0	130359	1196154
Conditional Resources	0	0	79022	79022
Molybdenum				
Resources	0	neg.	8.0	8.0
Recoverable Reserves	0	neg.	8.0	8.0
Conditional Resources	0	0.6	1.9	2.5
Nickel				
Conditional Resources ²	50	119	125	294

Sources: Indian Bureau of Mines Handbook on National Mineral Inventory. Nagpur, 1993.; Bandopadhyay, P. "The Role of Coal in the Indian Economy", 1994.

Notes: Resources are classified according to degree of geological certainty - proved, probable, and possible. Proved resources are estimated based on "intensive exploration". Reserves are classified into two economic criteria - recoverable reserves and conditional resources - as of April 1, 1990. Conditional resources are not currently mineable due to ore grade location, or other factors which increase production costs.

1. Excludes placer gold mining
2. Occurrences without resource estimation have also been reported in Karnataka, Rajasthan, Kerala, and Nagaland.
3. Depth from surface of 0-1200 m. and seam thickness greater than 0.5 m.