

Table No.: 4.19 Reserves/Resources of Minerals as on 1.4.2020 (P) : Odisha

Mineral	Unit	Reserves		Total (A)	Remaining Resources					Total (B)	Total Resources (A+B)		
		Proved STD111	Probable STD121		Feasibility STD211	Pre-feasibility STD221	Measured STD331	Indicated STD332	Inferred STD333			Reconnaissance STD334	
													STD122
Asbestos	Tonne	0	0	0	0	0	0	10000	37200	9500	0	56700	56700
Bauxite	000 Tonnes	388184	7346	409740	14210	7346	97550	56160	161842	428849	596940	112642	2057024
Chromite	000 Tonnes	40453	15229	78031	22349	15229	52215	10146	1565	52304	59284	20435	318269
Cobalt	Million Tonnes	0	0	0	0	0	0	0	31	0	0	0	31
Copper													
Ore	000 Tonnes	0	0	0	0	0	0	1340	2306	8345	0	11991	11991
Metal	000 Tonnes	0	0	0	0	0	0	20.63	20.14	56.26	0	97.03	97.03
Garnet	Tonne	8330045	0	8330046	1	8330046	5	0	0	348001	829311	1177318	9507364
Graphite	Tonne	0	0	2838414	2838414	2838414	6371790	2889564	696021	838841	3119932	298628	17142707
Iron Ore(Heamatite)	000 Tonnes	1817247	328296	2798749	653206	2798749	1662944	1068654	28824	925717	2019410	134173	6610582
Iron Ore(Magnetite)	000 Tonnes	0	0	0	0	0	79	0	120	0	43	0	242
Lead-Zinc Ore													
Ore	000 Tonnes	0	0	0	0	0	0	961	119	0	670	0	1750
Lead metal	000 Tonnes	0	0	0	0	0	0	34.32	4.25	0	38.39	0	76.96
Limestone	000 Tonnes	388084	67346	468580	13150	468580	156898	456006	139924	239877	435449	38785	2196004
Manganese Ore	000 Tonnes	7535	1511	11470	2423	11470	39091	22916	10260	12219	32657	8947	171528
Nickel Ore	Million Tonnes	0	0	0	0	0	0	21	31	51	51	0	175
Pt. Group Of Metals	Tonne	0	0	0	0	0	0	0	0	7.7	6.5	0	14.2
Rare Earth Elements	Tonne	0	0	0	0	0	0	0	6353	19140	0	0	25493
Ruby	Kilogram	0	0	0	0	0	0	429	3296	0	1623	0	5349
Sillimanite	Tonne	5640985	0	5640985	0	5640985	0	0	6557013	0	4943600	561595	12062208

(Contd.)

Mineral	Unit	Reserves		Total (A)	Remaining Resources						Total (B)	Total Resources (A+B)	
		Proved STD111	Probable STD121		Feasibility STD211	Pre-feasibility STD221	Measured STD331	Indicated STD332	Inferred STD333	Reconnaissance STD334			
													STD122
Silver													
Ore	Tonne	0	0	0	0	960500	119000	0	0	0	670000	0	1749500
Metal	Tonne	0	0	0	0	27.34	3.4	0	0	0	34.17	0	64.91
Tin													
Ore	Tonne	0	0	0	0	653	40	0	1166	0	1010	0	15618
Metal	Tonne	0	0	0	0	512.47	27.59	0	22.2	0	16.56	0	652.73
Titanium	Tonne	12654141	0	0	12654141	0	0	950000	2196933	48612331	1259798	53019062	65673202
Vanadium													
Ore	Tonne	0	0	0	0	1220000	0	0	232000	3412795	0	4864795	4864795
Contained V <sub>2</sub> O <sub>5</sub>	Tonne	0	0	0	0	2135	0	0	487.2	10935.74	0	13557.94	13557.94
Zircon	Tonne	476672	0	0	476672	0	0	0	39300	303491	47456	390247	866919

Figures rounded off (P): Provisional