

Table No. 3 :Reserves/Resources of Minerals as on 1.4.2020 (P) : India

Mineral	Unit	Reserves					Remaining Resources					Total Resources (A+B)		
		Proved STD111	Probable		Total (A)	Feasibility STD211	Pre-feasibility		Measured STD331	Indicated STD332	Inferred STD333		Reconnaissance STD334	Total (B)
			STD121	STD122			STD221	STD222						
Andalusite	000 Tonnes	0	0	0	0	0	0	0	58040	56210	11800	126050	126050	
Antimony														
Ore	Tonne	0	7503	7503	0	0	0	592	0	10588	0	11180	18683	
Metal	Tonne	0	75	75	0	0	0	5.92	0	174	0	179.92	254.92	
Apatite	Tonne	27715	0	1680	29395	499149	0	0	11481250	5801338	1017646	21080904	21110299	
Asbestos	Tonne	0	0	0	0	2488022	3113446	4062376	100687	2527959	10557777	57800	22908067	
Bauxite	000 Tonnes	560865	15553	70076	646493	268398	128409	316835	526286	843058	2044653	184116	4958248	
Borax	Tonne	0	0	0	0	0	0	0	0	0	74204	74204	74204	
Chromite	000 Tonnes	40635	15229	22672	78535	52696	10545	44395	1630	53008	70440	20435	331685	
Cobalt (Ore)	Million Tonnes	0	0	0	0	0	0	0	30.63	2	0.28	12	44.91	
Copper														
Ore	000 Tonnes	128267	20045	15580	163891	83102	111376	41368	135884	340902	778987	5360	1496979	
Metal	000 Tonnes	1664.12	313.64	183.81	2161.57	873.59	428.09	246.48	1655.35	2748.95	4051.37	31.69	10035.52	
Diamond	Carat	847400	0	159	847559	0	0	0	304601	1524317	29047514	0	30876432	
Diatomite	000 Tonnes	0	0	0	0	634	0	0	0	0	2251	0	2885	
Emerald	Kilogram	0	0	0	0	0	0	0	0	0	55869	55869	55869	
Fluorite	Tonne	228393	163860	11988	404241	9340556	771934	768573	1727945	6239589	1578067	161575	20588239	
Garnet	Tonne	8539521	50946	5	8590472	1835546	1624128	4622014	138905	10226601	28066885	902574	47416654	
Gold														
Ore(Primary)	Tonne	20271400	3420000	36700	23728100	4498133	3821500	1741321	9658248	109446798	238863938	126476333	494506270	
Metal(Primary)	Tonne	79.26	13.44	0.06	92.76	16.93	9.11	5.64	22.05	159.41	236.26	65.1	514.5	
Ore(Placer)	Tonne	0	0	0	0	0	0	0	0	2552000	23569000	0	26121000	
Metal(Placer)	Tonne	0	0	0	0	0	0	0	0	2.29	3.57	0	5.86	
Graphite	Tonne	4386467	0	4176944	8563411	7964326	3461288	6166401	796464	10679490	31827080	142165128	203060176	
Iron Ore (Hematite)	000 Tonnes	4559856	508158	1141019.5	6209034	3181005	2404790	2005363	1010483.61	1805532	4827512	2614185	17848870	
Iron Ore (Magnetite)	000 Tonnes	71930	385	130508	202823	307652	16082	72127	1513168	2036982	6383274	695507	11024791	
Kyanite	Tonne	393358	331193	122314	846865	1331061	940452	1864398	561680	3577402	96560462	0	104835455	
Lead & Zinc														
Ore	000 Tonnes	28791	63331	11153	103275	4627	23663	13784	51613	196911	368094	4530	663222	
Lead Metal	000 Tonnes	503.70	1188.47	208.02	1900.19	140.42	534.83	286.02	1117.33	2283.43	6607.77	0	10969.80	
Zinc Metal	000 Tonnes	2356.56	4592.03	489.46	7438.05	448.15	1121.12	599.62	3540.38	5840.74	14080.66	101.65	25732.32	
Lead+Zinc Metal	000 Tonnes	0	0	0	0	0	0	0	0	0	120.76	22.37	143.13	
Limestone	000 Tonnes	14701910	1065305	3261256	19028470	7665106	6442697	9261072	7528921	32250068	135833401	9579524	208560789	

(Contd.)

Mineral	Unit	Reserves					Remaining Resources							Total Resources (A+B)			
		Proved		Probable		Total (A)	Feasibility		Pre-feasibility		Measured	Indicated	Inferred		Reconnaissance		Total (B)
		STD111	STD121	STD121	STD122		STD211	STD211	STD221	STD222					STD331	STD332	
Magnesite	000 Tonnes	57934	6354	1782	66070	80983	24858	40132	59010	59652	128104	309	393047	459118			
Manganese Ore	000 Tonnes	61510	6081	7450	75041	76106	51162	80580	29600	61205	117986	11944	428583	503624			
Marl	Tonne	50825000	17210000	110000	68145000	26474477.3	4189000	0	0	0	390000	0	31053477	99198477			
Molybdenum																	
Ore	Tonne	0	0	0	0	0	1500000	0	2382000	3269204	19884394	167800	27203398	27203398			
Contained MoS ₂	Tonne	0	0	0	0	0	1050	0	1599.54	1733.29	12457.39	50.34	16890.56	16890.56			
Nickel Ore	Million Tonnes	0	0	0	0	0	21	21	31	53	63	0	189	189			
Perlite	000 Tonnes	0	0	0	0	140	683	595	0	0	0	988	2406	2406			
Platinum Group of Metals (PGM)	Tonnes of metal contained	0	0	0	0	0	0	0	0	11.66	7.4	1.86	20.92	20.92			
Potash	Million Tonnes	0	0	0	0	0	0	0	0	18151	4125	814	23091	23091			
Pyrite	000 Tonnes	0	0	0	0	27129	0	32597	9590	77729	1527356	0	1674401	1674401			
Rare Earth Elements (REE)	Tonne	0	0	0	0	0	0	0	0	430353	26042.49	3332	459727.49	459727.49			
Rock Phosphate	Tonne	27103158	0	3772935	30876093	13669080	29796846	34528541	2879833	3539750	186657066	9308275	280377392	311253485			
Rock Salt	000 Tonnes	0	3860	0	3860	3360	940	4620	0	0	0	0	8920	12780			
Ruby	Kilogram	0	0	0	0	0	429	3296	0	0	1623	0	5349	5349			
Sapphire	Kilogram	0	0	0	0	0	0	0	0	0	450	0	450	450			
Sillimanite	Tonne	7968444.8	3655	290200	8262300	503301	23406	20549508	4771654	17630364	16115664	4411195	64005091	72267391			
Silver																	
Ore	Tonne	61604192	67971000	40870828	170446020	2330000	18445543	53914460	41320000	70916000	211261729	0	398197732	568643752			
Metal	Tonne	2155.3	4981.73	570.04	7707.07	172.2	824.44	663.67	3881.88	4575.73	12442.92	0	22560.84	30267.91			
Sulphur (Native)	000 Tonnes	0	0	0	0	0	0	0	0	0	210	0	210	210			
Tin																	
Ore	Tonne	2075	0	25	2101	22594540	3213	31330134	168457	561080	29063370	0	83720794	83722895			
Metal	Tonne	963.19	0	10.8	973.99	33384.66	1116.41	54089.46	813.29	231.63	13147.46	0	102782.91	103756.9			
Titanium	Tonne	15914697	64860	19068	15998625	10928991	91828	0	2610618	49666080	344212444	3598565	411108526	427107150			
Tungsten																	
Ore	Tonne	0	0	0	0	2230000	0	173063	23276152	23259954	23912049	16581246	89432464	89432463.7			
Contained WO ₃	Tonne	0	0	0	0	3568	0	450	19298.8	16994.84	99772.15	4566.28	144650.07	144650.07			
Vanadium																	
Ore	Tonne	0	0	0	0	276530	1720000	4108100	0	232000	18297225	0	24633855	24633855			
Contained V ₂ O ₅	Tonne	0	0	0	0	1106.12	2835	6032.4	0	487.2	54133.29	0	64594.01	64594.01			
Vermiculite	Tonne	1562108	0	28888	1590996	76900	71397	25956	9800	20179	552279	8716	765227	2356223			
Wollastonite	Tonne	2388641	190739	101598	2680978	4563016	1245009	8559760	0	3325042	4597200	137461	22427488	25108466			
Zircon	Tonne	669466	0	0	669466	422758	4225	0	140926	39300	1019770	47456	1674435	2343901			

Note : Figures rounded off
P : Provisional