

Table No. 3 : Reserves/Resources of Minerals as on 1.4.2015 : 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	0	0	4000	24201	28201	28201
Antimony Ore	tonnes	0	0	0	0	0	0	0	0	0	10588	0	10588	10588
Metal	tonnes	0	0	0	0	0	0	0	0	0	174	0	174	174
Apatite	tonnes	27715	0	1680	29395	1385734	491818	1225345	2281521	11481250	6132768	1017646	24016082	24045477
Asbestos	tonnes	20016	0	4617	24633	2488167	3114728	4064178	100687	2527959	10569233	57800	22922751	22947384
BallClay	tonnes	33526297	11182801	4784522	49493621	11045214	4286560	13437994	624977	2497880	53357091	0	85249716	134743337
Barytes	tonnes	50449000	49358	848467	51346825	410466	323345	1258521	205834	1284390	31735548	105721	35323825	86670650
Bauxite	000'tonnes	434043	18599	203780	656422	254378	132633	382369	710878	430890	1209706	119588	3240442	3896864
Bentonite	tonnes	13926227	50000	609406	14585633	6838864	2721697	68632472	26519818	225744237	212115692	25730000	568302781	582888414
Borax	tonnes	0	0	0	0	0	0	0	0	0	0	74204	74204	74204
Calcite	tonnes	928119	798170	1722578	3448867	1332076	217790	3339239	9122696	1241494	4204311	97476	19555082	23003949
Chalk	000'tonnes	4215	529	319	5064	741	331	151	196	0	269	0	1687	6751
China Clay	000'tonnes	140456	36144	52869	229469	107176	42220	98627	289723	415703	1685730	72599	2711777	2941247
Chromite	000'tonnes	64465	12815	24930	102210	67618	15780	33506	26914	33076	44458	20452	241806	344016
Cobalt Ore	mill.tonnes	0	0	0	0	0	0	0	30.63	2	0.28	12	44.91	44.91
Copper Ore	000'tonnes	162972	0	44796	207767	44925	31090	59209	158300	232654	772912	4640	1303730	1511498
Metal	000'tonnes	2127.9	0	606.72	2734.62	382.18	324.55	585.42	1950.87	2050.98	4100.36	29.17	9423.53	12158.15
Corundum	tonnes	200	0	0	200	70844	1073	63060	13	38	105794	52675	293497	293697
Diamond	Carats	959500	0	159	959659	0	0	0	304601	1524317	29047514	0	30876432	31836091
Diaspore	tonnes	3242363	884525	3755546	7882434	114789	498756	480663	14241	110358	1045944	46068	2310817	10193251

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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						
Diatomite	000'tonnes	0	0	0	0	634	0	0	0	0	2251	0	2885	2885
Dolomite	000'tonnes	431750	107364	138770	677884	372515	323183	537932	307103	757005	5215075	224194	7737007	8414891
Dunite	000'tonnes	10848	18	1901	12768	436	1925	108887	25202	1087	23832	13680	175049	187818
Emerald	Kgs	0	0	0	0	0	0	0	0	0	0	55869	55869	55869
Feldspar	tonnes	173383004	103054634	43403974	319841612	45903221	42467787	40160373	13882441	17928113	150012330	3371567	313725832	633567444
Fireclay	000'tonnes	13295	5035	8707	27037	13878	30155	18260	49290	54093	524011	6104	695791	722829
Fluorite	tonnes	224824	63860	0	288684	4976749	745390	571311	1713833	6218421	3522537	145183	17893423	18182107
Fuller's Earth	tonnes	3941000	0	0	3941000	0	0	58200	0	912340	256467419	0	257437959	261378959
Garnet	tonnes	9917936	278493	2587427	12783856	84320	1643412	3287667	121099	10247428	27992906	333	43377166	56161022
Gold														
Ore(Primary)	tonnes	10404349	6401725	422100	17228174	1925669	1303000	1968176	30333248	70136727	233608305	145336333	484611458	501839632
Metal (Primary)	tonnes	53.41	16.26	0.42	70.09	7.69	3.85	12.1	128.65	143.8	227.44	61.12	584.65	654.74
Ore (Placer)	tonnes	0	0	0	0	0	0	0	0	2552000	23569000	0	26121000	26121000
Metal (Placer)	tonnes	0	0	0	0	0	0	0	0	2.29	3.57	0	5.86	5.86
Granite (Dimension Stone)	th.cu.m	35741	201377	26574	263692	38462	51990	8234	837325	2063964	42543908	512216	46056098	46319790
Graphite	tonnes	4229675	1204423	2526694	7960793	9571933	3825575	3593404	741377	7368340	22361229	139464128	186925987	194886779
Gypsum	000'tonnes	35141	311	1169	36621	10826	93127	33419	9071	713834	428097	4518	1292892	1329513
Iron Ore (Heamatite)	000'tonnes	4053032	449917	918801	5421751	3444103	1573822	1496674	1762741	1798557	4498142	2491176	17065214	22486965
Iron Ore (Magnetite)	000'tonnes	30352	2311	20037	52699	223388	15494	64091	1513195	1984566	6351286	584436	10736455	10789155
Kyanite	tonnes	639121	0	48958	688079	1505114	568205	2193427	579619	3577402	95869713	0	104293480	104981559
Laterite	000'tonnes	98598	12527	13608	124733	49655	8960	22724	3532	2626	243535	250787	581819	706552
Lead & Zinc Ore														
Ore	000'tonnes	31662	68687	5767	106116	5564	17411	31297	37055	192083	355403	4530	643343	749459
Lead Metal	000'tonnes	624.56	1666.02	191.76	2482.34	119.31	521.74	780.56	690.65	2171.43	6237.67	0	10521.36	13003.7
Zinc Metal	000'tonnes	2871.75	6728.14	399.63	9999.52	364.08	940.26	1362.05	1941.94	7931.06	13722.2	101.65	26363.24	36362.76
Lead & Zinc Metal	000'tonnes	0	0	0	0	0	0	0	0	0	120.76	22.37	143.13	143.13

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Mineral	Unit	Reserves			Total (A)	Remaining Resources							Total Resources (A+B)	
		Proved STD111	Probable STD121	STD122		Feasibility STD211	Pre-feasibility STD221 STD222		Measured STD331	Indicated STD332	Inferred STD333	Reconnaissance STD334		Total (B)
Limestone	000'tonnes	9438939	3015917	3880897	16335753	4870440	4852713	8623172	7111337	22629060	130787772	8014504	186888998	203224752
Magnesite	000'tonnes	77867	165	4244	82276	6210	9345	45574	59010	59652	131707	213	311711	393988
Manganese Ore	000'tonnes	62982	19715	10778	93475	70742	44606	73823	18189	42803	135722	16513	402399	495874
Marble	000'tonnes	0	0	4551	4551	104236	202003	72387	0	107129	1453386	2200	1941341	1945891
Marl	tonnes	117115856	4650000	2090000	123855856	11704870	0	0	0	0	0	0	11704870	135560726
Mica	Kgs	82187635	20035595	12209547	114432777	38252500	10605400	124089303	143353477	56528016	144446953	3593715	520869364	635302141
Molybdenum Ore	tonnes	0	0	0	0	0	1500000	0	36000	569304	17098594	167800	19371698	19371698
Cotained MoS2	tonnes	0	0	0	0	0	1050	0	83	287	11198.03	50.34	12668.37	12668.37
Nickel Ore	mill.tonnes	0	0	0	0	0	21	21	31	53	63	0	189	189
Ochre	tonnes	21959552	4448341	10525912	36933805	44924890	13936202	31896176	2559245	3560819	32369262	1612607	130859201	167793006
Perlite	000'tonnes	0	0	0	0	140	683	595	0	0	0	988	2406	2406
Platinum Group of Metals (PGM)	In tonnes	0	0	0	0	0	0	0	0	7.71	6.5	1.5	15.71	15.71
Potash	mill.tonnes	0	0	0	0	0	0	0	0	18142	3660	707	22508	22508
Pyrite	000'tonnes	0	0	0	0	27129	0	32597	9590	77729	1527356	0	1674401	1674401
Pyrophyllite	tonnes	16575493	4322386	4035079	24932958	9539407	8301411	4240016	1118943	3589624	7533340	360006	34682745	59615703
Quartz & Silica Sand	000'tonnes	433014	93339	121169	647521	354566	368216	362128	36872	219180	1897899	21436	3260298	3907819
Quartzite	000'tonnes	47758	2016	33698	83472	120723	141437	160355	119953	152715	868850	11293	1575325	1658798
Rare Earth Elements	tonnes	0	0	0	0	0	0	0	0	6353	19140	0	25493	25493
Rock Phosphate	tonnes	43832936	5179	1969370	45807485	10679080	36271671	25008353	2912633	3549750	185771368	2678275	266871130	312678615
Rock Salt	000'tonnes	0	0	0	0	10035	0	5990	0	0	0	0	16025	16025
Ruby	Kg	0	0	0	0	0	429	3296	0	0	1623	0	5349	5349
Sapphire	Kg	0	0	0	0	0	0	0	0	0	450	0	450	450
Shale	000'tonnes	15027	171	274	15472	495	0	2022	0	0	1175	90	3781	19253

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			STD121	STD122			STD221	STD222						
Sillimanite	tonnes	323231	5728868	450016	6502115	1020187	135278	20257525	4580083	17790664	16068690	3849600	63702027	70204142
Silver Ore	tonnes	69277075	8413000	72753828	150443903	0	1484543	46726460	29632000	64946000	218721729	0	361510732	511954635
Metal	tonnes	4309.78	220.77	2641.39	7171.94	0	42.85	259.62	2037.99	3236.39	17233.03	0	22809.88	29981.82
Slate	000'tonnes	19619	667	0	20286	0	0	1075	0	0	1511	0	2586	22872
Sulphur (Native)	000'tonnes	0	0	0	0	0	0	0	0	0	210	0	210	210
Talc / Steatite / Soapstone	000'tonnes	72172	8067	26251	106490	18178	13020	32221	2994	8126	128620	6275	209434	315924
Tin Ore	tonnes	2067	897	1455	4419	22594200	2653	31330072	168457	561080	29064288	0	83720749	83725168
Metal	tonnes	44.56	94.02	15.62	154.2	33139.45	842.8	54049.65	813.29	231.63	13182.34	0	102259.16	102413.36
Titanium Minerals	tonnes	13552280	0	868436	14420716	19311670	31365	117416	2198668	52373956	325171754	0	399204829	413625545
Ilmenite	tonnes	12980540	0	832970	13813510	17294168	0	0	1242214	41973121	280193087	0	340702590	354516100
Rutile	tonnes	558825	0	35466	594291	1099060	0	0	4460	3425835	9007516	0	13536871	14131162
Leucoxene	tonnes	0	0	0	0	624903	0	0	1994	0	341949	0	968846	968846
Anatase	tonnes	0	0	0	0	0	0	0	0	3345000	0	0	3345000	3345000
Titaniferous Magnetite	tonnes	0	0	0	0	293539	0	117416	950000	3630000	35629202	0	40620157	40620157
Not known	tonnes	12915	0	0	12915	0	31365	0	0	0	0	0	31365	44280
Tungsten Ore	tonnes	0	0	0	0	2230000	0	173063	19611152	23435954	25356049	16581246	87387464	87387464
Cotained WO3	tonnes	0	0	0	0	3568.00	0.00	450.00	9914.00	20180.92	103415.15	4566.28	142094.35	142094.35
Vanadium Ore	tonnes	0	0	0	0	276530	1720000	4108100	0	232000	18297225	0	24633855	24633855
Contained V2O5	tonnes	0	0	0	0	1106.12	2835	6032.4	0	487.2	54133.29	0	64594.01	64594.01
Vermiculite	tonnes	1582906	19413	30566	1632885	36411	26196	39794	58396	20179	538607	0	719582	2352467
Wollastonite	tonnes	1953384	48075	240003	2241462	3750118	12000	3748191	76088	3325042	3316385	0	14227824	16469286
Zircon	tonnes	1012205	146085	0	1158290	655020	0	105773	81741	377825	1044554	0	2264913	3423203

figures rounded off