

Appendix 4

Contained metal in known reserves/resources by commodity and reserve/resource classification

This tabulation aggregates the known resources by commodity for Queensland's mines and prospects. It provides a categorised resource classification summary of each commodity for the state.

Total Contained Metal in Queensland's Major Mineral Deposits Calculated from Reported Resource/Reserve Figures

All values recorded in tonnes **except** gold, silver, scandium and sapphires which are in kilograms and oil which is in barrels.

Reserves where stated are in addition to the listed resource.

	INDICATED MINERAL RESOURCE	INFERRED - INDICATED MINERAL RESOURCE	INFERRED MINERAL RESOURCE	MEASURED - INDICATED - INFERRED MINERAL RESOURCE	MEASURED - INDICATED MINERAL RESOURCE	MEASURED MINERAL RESOURCE	PROBABLE ORE RESERVE	PROVED - PROBABLE ORE RESERVE	PROVED ORE RESERVE	Total defined in known resources and reserves
ANTIMONY	2,569		13,337			4,468	5,772			26,146
APATITE	177,636					439,905				617,541
ARSENIC			230							230
BARITE			20,320							20,320
BAUXITE	1,579,000,000		1,424,700,000			168,000,000	109,800,000		524,000,000	3,805,500,000
BENTONITE			30,500,000				10,000,000		3,900,000	44,400,000
BERYL			171							171
BISMUTH			808							808
BRICK CLAY			7,129,000							7,129,000
CASSITERITE	9,890		114,884			280	3,665		68	128,787
CERIUM OXIDE			48,672							48,672

	INDICATED MINERAL RESOURCE	INFERRED - INDICATED MINERAL RESOURCE	INFERRED MINERAL RESOURCE	MEASURED - INDICATED - INFERRED MINERAL RESOURCE	MEASURED - INDICATED MINERAL RESOURCE	MEASURED MINERAL RESOURCE	PROBABLE ORE RESERVE	PROVED - PROBABLE ORE RESERVE	PROVED ORE RESERVE	Total defined in known resources and reserves
FOUNDRY SAND			25,000							25,000
GADOLINIUM OXIDE			1,872							1,872
GARNET	315,381					378,204				693,585
GOLD	373,076	781	673,264	5,168		123,164	33,933	375	14,427	1,224,188
GRANITE			1,103,000,000							1,103,000,000
GYPSUM			3,270,000							3,270,000
HEMATITE			1,000,000							1,000,000
ILMENITE	8,344,757		12,965,598			6,675,750			150,000	28,136,105
INDIUM			1,930		6,720					8,650
IRON	64,906,797		273,309,094			1,901,140	58,400			340,175,431
KAOLIN / KAOLINITE	702,000		2,901,760,000				37,323,000		13,455,000	2,953,240,000
LANTHANUM OXIDE			28,080							28,080
LEAD	8,787,479		10,195,116	2,171		11,973,679	1,431	1,323	42,500	31,003,699

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LIMESTONE	513,000,000		598,433,000			650,000	2,000,000			1,114,083,000
LUMP SILICA			50,800							50,800
MAGNESITE	137,100,400		77,296,456			24,700,000				239,096,856
MAGNESIUM	2,428,500		914,900			993,000				4,336,400
MAGNETITE	20,096,480		10,025,120			1,767,140				31,888,740
MANGANESE	2,249					6,279				8,528
MARBLE			6,000,000							6,000,000
MERCURY			277,686				6,349			284,035
MOLYBDENITE			51							51
MOLYBDENUM	167,170		191,977							359,147
MOLYBDITE	1,558,393		433,680			61,301				2,053,374
NEODYMIUM OXIDE			14,976							14,976
NEPHELINE			500,000,000							500,000,000

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NICKEL	686,526		424,851			254,613				1,365,990
OIL	8,690,000,000		9,654,442,077			6,600,000,000				24,944,442,077
PERLITE	600,000,000		200,000							600,200,000
PHOSPHATE	26,629,914		182,622,056		2,226,000	15,627,800	8,175,300		17,146,800	252,427,870
PRASEODYMIUM OXIDE			4,492							4,492
RARE EARTH ELEMENTS			268							268
RHENIUM	164,008		81,431							245,439
RUTILE	309,166		1,984,301			1,340,691			69,000	3,703,158
SALT			200,000,000							200,000,000
SAMARIUM OXIDE			2,246							2,246
SAND	10,000,000									10,000,000
SANDSTONE	6,657,000		2,460,000							9,117,000
SAPPHIRE			4						22,000	22,004

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URANIUM OXIDE	59,627		33,461			13,214				106,302
VANADIUM OXIDE	19,403,025		5,955,579			817,357				26,175,961
WOLFRAMITE	33,852		1,998							35,850
WOLLASTONITE	560,000									560,000
YTTRIUM			6,537,900							6,537,900
YTTRIUM OXIDE			9,734							9,734
ZEOLITE			18,500,000							18,500,000
ZINC	19,073,891		17,029,777	5,678		18,991,997	2,484	7,011	2,000	55,112,838
ZIRCON	309,276		1,075,603			1,111,472			59,000	2,555,351