

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 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	563,400	494,400							1,057,800
ARSENIC		230							230
BARITE		20,320							20,320
BAUXITE	1,568,400,000	1,465,666,000			148,000,000	107,100,000		501,000,000	3,790,166,000
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	9,724	114,954			280	3,665		68	128,691
CERIUM OXIDE		48,672							48,672

	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
NEPHELINE		500,000,000							500,000,000
NICKEL	692,576	459,661			258,753				1,410,990
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	110,478	33,655			27,200				171,333
RUTILE	457,998	1,984,301			1,583,861			69,000	4,095,160
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

	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
SAPPHIRE		8,005,004			107,463,293				115,468,297
SCANDIUM	3,631	1,197			675				5,503
SCHEELITE		800							800
SILICA		1,830,000							1,830,000
SILICA SAND	1,419,711,500	248,750,000				30,000,000		204,000,000	1,902,461,500
SILVER	25,255,395	20,096,532	30,060		22,572,899	30,515	9,363	832	67,995,596
SLATE		248,000							248,000
SODA ASH		1,500,000							1,500,000
SODIUM BICARBONATE		2,200,000							2,200,000
TIN	19,887	16,323			10,709				46,919
TITANIUM		1,897,710							1,897,710
TITANOMAGNETIT E	4,620,000	9,641,000							14,261,000
TUNGSTIC OXIDE	28,806	76,932			11,050				116,788

	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
URANIUM		5,280							5,280
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	22,970,156	19,796,821	5,678		12,372,486	2,484	7,011		55,154,636
ZIRCON	464,936	1,075,603			1,309,898			59,000	2,909,437