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The Gravel and Sand Quarrying industry produces two main product groups: sand, and gravel and pebbles. These two product groups are expected to account for 79.2% and 20.8% of industry revenue, respectively, in 2018-19. Mineral carbonation technology (MCT) is a process whereby CO₂ is chemically reacted with calcium- and/or magnesium-containing minerals to form stable carbonate materials which do not incur any long-term liability or monitoring commitments. Mineral carbonation is a potentially attractive sequestration technology for the permanent and safe storage of CO₂. Mining is the extraction of valuable minerals or other geological materials from the earth, usually from an ore body, lode, vein, seam, reef or placer deposit. These deposits form a mineralized package that is of economic interest to the miner. Ores recovered by mining include metals, coal, oil shale, gemstones, limestone, chalk, dimension stone, rock salt, potash, gravel, and clay.

Section 5 Mineral Reservations When the national interest so requires, such as when there is a need to preserve strategic raw materials for industries critical to national development, or certain minerals for scientific, cultural or ecological value, the President may establish mineral reservations upon the recommendation of the Director through the Secretary. - Mineral Assessment Report 64 The Sand