Barite \([\text{BaSO}_4]\)

Barite has been very beneficial in today’s economy. Ground and powdered barite is used in drilling muds to increase mud weight and down-hole hydrostatic pressure, thus preventing potential oil and gas blowouts. Barium, the natural element of barite, is used in medicine and swallowed by patients to allow imaging by X-rays of the gastro-intestinal tract. Barite has also been used in glass, paper, plastics, and rubber production.