

Table 2

**ANTICIPATED ECONOMIC RESOURCES AND PRODUCTION OF LITHOLOGICAL TYPES OF ROCKS
USED AS DIMENSION AND CRUSHED STONES IN POLAND as of 31.XII.2022**
[thousand tonnes]

| Lithological types of rocks | Anticipated economic resources | Output | Number of deposits |
|-----------------------------|--------------------------------|---------------|--------------------|
| TOTAL RESOURCES | 11,727,206 | 79,940 | 750* |
| IGNEOUS ROCKS | 4,663,248 | 27,878 | 176 |
| Basalt | 542,690 | 7,534 | 41 |
| Diabase | 20,358 | 114 | 2 |
| Gabbro | 552,612 | 2,551 | 6 |
| Erratic boulders | 1,065 | - | 5 |
| Granite | 1,990,030 | 11,048 | 78 |
| Granodiorite | 148,888 | 344 | 9 |
| Melaphyre | 496,292 | 3,794 | 15 |
| Porphyry | 806,228 | 1,424 | 12 |
| Syenite | 75,160 | 1,069 | 6 |
| Porphyric tuff | 29,925 | - | 2 |
| METAMORPHIC ROCKS | 1,486,274 | 7,767 | 62 |
| Amfibolit | 193,959 | 2,369 | 11 |
| Gneiss | 512,182 | 1,095 | 16 |
| Shale hornfels | 2,922 | - | 2 |
| Cristalline schist | 1,807 | 1 | 2 |
| Marble | 247,918 | 28 | 16 |
| Dolomitic marble | 212,686 | 761 | 7 |
| Migmatite | 195,940 | 2,771 | 2 |
| Serpentinite | 81,047 | 743 | 4 |
| Greenstone | 37,815 | - | 2 |
| SEDIMENTARY ROCKS | 5,577,684 | 44,295 | 548 |
| Chalcedonite | 37,396 | 12 | 3 |
| Dolomite | 1,272,183 | 15,564 | 53 |
| Quartzite | 2,014 | - | 1 |
| Schist | 590 | - | 1 |
| Menillite schist | 1,914 | 23 | 7 |
| Marl | 1,877 | - | 2 |
| Opoka | 20,778 | 4 | 11 |
| Sandstone | 1,764,360 | 7,512 | 306 |
| Quartzitic sandstones | 222,564 | 1,875 | 7 |
| Graywacke | 87,707 | 373 | 5 |
| Trawertine | 1,784 | - | 1 |
| Limestone | 1,907,436 | 12,405 | 141 |
| Limestone and dolomite | 234,983 | 6,528 | 8 |
| Conglomerate | 22,099 | - | 2 |

*) more than one lithological type of a raw material co-occurs in over a dozen deposits