

# Mineral Import of Thailand 2010 - 2011

Quantity : Tonnes

Value : Million Baht

| Mineral                                 | 2010      |                 | 2011       |                 | Percentage    |              |
|---|-----------|-----------------|------------|-----------------|---------------|--------------|
|   | Quantity  | Value           | Quantity   | Value           | Quantity      | Value        |
| Other coal                              | 9,700,720 | 19,286.5        | 11,459,285 | 25,973.6        | 18.13%        | 34.67%       |
| Bituminous coal                         | 6,619,170 | 15,548.3        | 4,484,690  | 13,077.7        | -32.25%       | -15.89%      |
| Zinc ore                                | 174,586   | 3,781.4         | 125,818    | 3,273.4         | -27.93%       | -13.43%      |
| Coke                                    | 208,729   | 2,922.0         | 108,164    | 1,667.5         | -48.18%       | -42.93%      |
| Anthracite                              | 367,817   | 1,539.6         | 210,701    | 1,407.3         | -42.72%       | -8.59%       |
| Molybdenite ore                         | 9,864     | 1,627.7         | 10,420     | 1,406.1         | 5.64%         | -13.61%      |
| Talc                                    | 135,219   | 1,452.9         | 126,254    | 1,380.8         | -6.63%        | -4.96%       |
| Zirconium ore                           | 47,451    | 493.1           | 46,633     | 1,351.6         | -1.72%        | 174.11%      |
| Asbestos                                | 79,250    | 1,121.5         | 81,411     | 1,111.9         | 2.73%         | -0.86%       |
| Tantalite                               |           |                 | 483        | 946.8           |               |              |
| Sulphur                                 | 132,199   | 713.9           | 125,722    | 937.7           | -4.90%        | 31.35%       |
| Iron ore                                | 457,508   | 1,689.8         | 161,427    | 770.2           | -64.72%       | -54.42%      |
| Kaolin                                  |           |                 |            |                 |               |              |
| - Ceramic                               | 13,880    | 147.3           | 16,907     | 141.9           | 21.80%        | -3.65%       |
| - Paper                                 | 5,918     | 62.5            | 4,423      | 42.8            | -25.26%       | -31.60%      |
| - Others                                | 65,956    | 536.9           | 65,691     | 543.5           | -0.40%        | 1.23%        |
| Niobium and Vanadium ore                | 11,863    | 1,101.8         | 8,075      | 686.1           | -31.93%       | -37.73%      |
| Bentonite                               | 65,096    | 408.2           | 103,555    | 505.9           | 59.08%        | 23.92%       |
| Granite                                 | 138,476   | 476.9           | 136,495    | 482.9           | -1.43%        | 1.26%        |
| Barite                                  | 78,862    | 274.1           | 94,650     | 399.2           | 20.02%        | 45.65%       |
| Marble                                  | 45,010    | 322.0           | 49,532     | 364.0           | 10.05%        | 13.04%       |
| Titanium ore                            |           |                 |            |                 |               |              |
| - Ilmenite                              | 840       | 8.1             | 680        | 8.2             | -19.05%       | 1.62%        |
| - Leucoxene                             | 8,080     | 215.2           | 3,389      | 104.6           | -58.06%       | -51.41%      |
| - Rutile                                | 7,276     | 77.9            | 6,684      | 181.5           | -8.14%        | 132.96%      |
| - Other Titanium ore                    | 1,003     | 27.7            | 1,035      | 67.3            | 3.20%         | 143.12%      |
| Aluminium ore                           | 32,051    | 270.3           | 32,736     | 284.9           | 2.14%         | 5.40%        |
| Antimony ore                            | 4,356     | 134.6           | 8,803      | 263.1           | 102.08%       | 95.47%       |
| Tin ore                                 | 3,432     | 685.0           | 2,716      | 257.2           | -20.85%       | -62.45%      |
| Feldspar                                |           |                 |            |                 |               |              |
| - Potassium                             | 25,928    | 81.4            | 33,342     | 104.6           | 28.60%        | 28.49%       |
| - Sodium                                | 3,010     | 11.1            | 3,772      | 13.8            | 25.33%        | 24.53%       |
| - Other Feldspar                        | 3,891     | 24.0            | 3,935      | 22.1            | 1.13%         | -7.99%       |
| Mica                                    | 5,504     | 125.3           | 4,860      | 128.8           | -11.70%       | 2.79%        |
| Silica sand                             | 28,195    | 94.6            | 27,943     | 120.3           | -0.90%        | 27.19%       |
| Thorium ore                             | 0.02      | 0.1             | 20,069     | 114.8           | 118052841.18% | 114687.27%   |
| Basalt                                  | 268,767   | 102.3           | 57,184     | 103.5           | -78.72%       | 1.16%        |
| Graphite                                | 1,372     | 75.9            | 1,397      | 98.2            | 1.83%         | 29.38%       |
| Peat                                    | 7,770     | 64.7            | 9,644      | 81.7            | 24.12%        | 26.28%       |
| Columbite                               |           |                 | 196        | 81.0            |               |              |
| Magnesite                               | 3,530     | 48.9            | 4,429      | 62.7            | 25.47%        | 28.28%       |
| Pumice stone                            | 5,286     | 56.5            | 5,077      | 58.7            | -3.96%        | 3.80%        |
| Kieserite                               | 2,847     | 17.1            | 8,062      | 57.6            | 183.20%       | 236.65%      |
| Emery                                   | 4,812     | 53.7            | 4,804      | 52.7            | -0.16%        | -1.86%       |
| Andalusite, Kyannite and Sillimanite    | 2,856     | 41.5            | 3,555      | 47.5            | 24.47%        | 14.55%       |
| Manganese ore                           | 4,530     | 17.8            | 18,633     | 42.8            | 311.30%       | 140.45%      |
| Chromite ore                            | 2,785     | 37.6            | 2,202      | 40.4            | -20.94%       | 7.45%        |
| Ball Clay                               | 6,592     | 42.4            | 5,463      | 33.9            | -17.13%       | -20.18%      |
| Vermiculite, Perlite and Chlorites      | 1,944     | 14.9            | 3,133      | 28.8            | 61.16%        | 93.18%       |
| Mullite                                 | 1,771     | 26.1            | 1,671      | 23.3            | -5.65%        | -10.90%      |
| Flint                                   | 6,503     | 15.2            | 45,200     | 22.9            | 595.06%       | 50.92%       |
| Fireclay                                | 4,688     | 61.6            | 1,621      | 20.6            | -65.42%       | -66.49%      |
| Fluorite                                | 508       | 9.8             | 1,022      | 18.0            | 101.26%       | 83.17%       |
| Apatite                                 |           |                 |            |                 |               |              |
| - Ground                                | 3,140     | 39.5            | 2,705      | 17.8            | -13.85%       | -54.90%      |
| - Unground                              |           |                 | 2          | 0.0*            |               |              |
| Witherite                               | 501       | 4.8             | 1,149      | 16.6            | 129.34%       | 246.24%      |
| Lucite, Nepheline and Nepheline Syenite | 1,489     | 15.1            | 1,535      | 14.5            | 3.10%         | -3.73%       |
| Quartz                                  | 2,572     | 23.5            | 3,127      | 14.0            | 21.58%        | -40.59%      |
| Dolomite                                | 977       | 11.6            | 1,224      | 12.2            | 25.26%        | 5.49%        |
| Steatite                                | 2,295     | 11.6            | 1,451      | 10.1            | -36.77%       | -13.31%      |
| Gypsum                                  | 522       | 9.0             | 614        | 9.9             | 17.53%        | 9.77%        |
| Nickel ore                              | 0.2       | 0.1             | 4          | 4.2             | 2566.67%      | 4100.00%     |
| Copper                                  | 374       | 4.9             | 352        | 4.1             | -5.76%        | -16.33%      |
| ilmenite ore                            | 63        | 1.5             | 73         | 3.3             | 15.87%        | 120.00%      |
| Attapulgit                              | 146       | 1.1             | 412        | 3.2             | 181.66%       | 188.51%      |
| Iron Pyrites                            | 314       | 4.2             | 230        | 3.1             | -26.84%       | -26.19%      |
| Tungsten                                |           |                 |            |                 |               |              |
| - Wolfram                               | 7         | 0.1             | 39         | 2.9             | 463.99%       | 2800.00%     |
| - Other tungsten                        | 0*        | 0.0*            | -          | 0.0*            |               |              |
| Silver ore                              | 25        | 1.3             | 19         | 1.7             | -25.08%       | 30.77%       |
| Chalk                                   | 31        | 1.2             | 62         | 1.6             | 103.52%       | 37.12%       |
| Phosphate                               |           |                 |            |                 |               |              |
| - Ground                                | 356       | 3.0             | 71         | 0.7             | -80.21%       | -75.37%      |
| - Unground                              | 11,000    | 25.0            | 1          | 0.1             | -100.00%      | -99.58%      |
| Ecaussine                               | 2         | 0.0*            | 3          | 0.7             | 79.04%        |              |
| Lead ore                                | 283       | 5.5             | 32         | 0.7             | -88.70%       | -87.27%      |
| Lignite                                 | 79        | 1.2             | 15         | 0.3             | -80.93%       | -75.00%      |
| Slate                                   | 346       | 4.4             | 21         | 0.3             | -93.87%       | -94.26%      |
| Limestone                               | 76        | 2.4             | 16         | 0.1             | -79.52%       | -96.07%      |
| Rock salt                               | 1         | 0.0*            | 5          | 0.1             | 406.90%       |              |
| Travertine                              | 0.1       | 0.0*            | 0          | 0.1             | -52.17%       |              |
| Anhydrite                               | 25        | 0.7             | -          | 0.0*            | -100.00%      | -99.08%      |
| Orpiment                                | 0.1       | 0.0*            | 1          | 0.0*            | 1244.00%      |              |
| Sandstone                               | 0*        | 0.0*            |            |                 | -100.00%      |              |
| <b>Total</b>                            |           | <b>56,119.4</b> |            | <b>59,138.7</b> |               | <b>6.92%</b> |

0\* denoting the amount of less than 0.1 metric tonnes

0.0\*\* denoting the amount of less than 0.05 million baht