



EXPLORACIÓN DE MINERALES

Vigencias 2012 – 2022



| Recurso Mineral | Unidad de medida | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 ^P | 2021 ^P | 2022 ^{Pr} |
|---------------------------|------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------------|-------------------|--------------------|
| Arcilla | Toneladas | 29.558 | 42.174 | 1.821.048 | 1.780.638 | 694.190 | 1.499.555 | 43.676 | 14.921 | 209.979 | 436.573 | 488.498 |
| Arcillas bentónicas | Toneladas | 350 | 119.158 | 54.238 | 154.552 | 120.372 | 103.217 | 166.778 | 145.643 | 185.418 | 88.339 | 58.815 |
| Arcillas caoliníticas | Toneladas | 29.948 | 76.034 | 90.397 | 120.906 | 109.252 | 164.077 | 77.121 | 100.561 | 31.840 | 73.069 | 40.487 |
| Arcillas cerámicas | Toneladas | 331.059 | 2.040.968 | 2.088.887 | 2.042.545 | 2.115.677 | 2.020.001 | 1.953.137 | 2.356.878 | 1.784.019 | 2.189.176 | 2.835.710 |
| Arcillas ferruginosas | Toneladas | 623.771 | 196.068 | 275.878 | 168.180 | 135.181 | 71.627 | 150.840 | 131.430 | 271.028 | 44.448 | 208.452 |
| Arcillas misceláneas | Toneladas | 1.287.824 | 2.770.866 | 1.785.234 | 2.029.855 | 3.093.971 | 2.108.140 | 3.139.018 | 3.775.440 | 3.238.394 | 2.043.411 | 2.248.639 |
| Arenas | Metros cúbicos | 552.886 | 730.245 | 1.820.750 | 3.000.943 | 4.933.042 | 7.046.873 | 7.220.540 | 7.845.063 | 5.656.737 | 6.441.748 | 5.507.636 |
| Arenas silíceas | Metros cúbicos | 272.742 | 256.547 | 184.899 | 234.458 | 296.390 | 383.718 | 614.647 | 390.030 | 198.869 | 138.851 | 245.229 |
| Asfaltita | Metros cúbicos | 8.222 | 20.171 | 42.502 | 50.575 | 46.253 | 20.586 | 23.474 | 38.607 | 30.093 | 15.099 | 19.187 |
| Barita | Toneladas | 3.588 | 5.583 | 6.288 | 4.003 | 3.068 | 2.028 | 3.210 | 2.270 | 2.046 | 1.164 | 1.034 |
| Basalto | Toneladas | 950 | 961 | 41.493 | 35.523 | 17.400 | 58.681 | 184.651 | 336.710 | 450.031 | 317.260 | 285.776 |
| Bauxita | Toneladas | 384 | 1.108 | 601 | 861 | 693 | 2.400 | 13.666 | 18.033 | 9.595 | 49.946 | 41.479 |
| Calizas | Toneladas | 11.082.243 | 19.273.910 | 19.239.388 | 20.672.593 | 20.662.911 | 19.018.905 | 20.006.335 | 21.267.729 | 18.722.823 | 21.528.617 | 23.044.629 |
| Carbón | Toneladas | 90.152.145 | 86.207.968 | 89.600.922 | 86.651.086 | 91.418.772 | 91.707.890 | 87.440.159 | 87.679.810 | 56.130.093 | 62.182.534 | 64.229.623 |
| Cobre | Kilogramos | 0 | 1.131 | 1.580 | 1.783 | 579 | 363 | 1.718 | 2.233 | 545 | 1.070 | 3.842.592* |
| Cromo - Cromita | Kilogramos | 644 | 387 | 251 | 145 | 90 | 30 | 0 | 60.000 | 146.465 | 0 | 35.372 |
| Cuarzo | Toneladas | 60 | 350 | 48 | 5.692 | 1.500 | 1.988 | 425 | 690 | 0 | 0 | 21 |
| Diabasa | Metros cúbicos | 582.256 | 672.803 | 480.333 | 931.805 | 885.238 | 999.414 | 1.267.568 | 1.221.067 | 1.293.495 | 1.511.955 | 1.847.100 |
| Dolomita | Toneladas | 102.291 | 102.968 | 120.969 | 119.182 | 121.520 | 141.435 | 144.434 | 94.502 | 78.583 | 72.392 | 86.353 |
| Esmeraldas en bruto | Quilates | 1.083.697 | 2.306.891 | 1.896.799 | 1.877.932 | 2.609.661 | 2.133.916 | 1.935.671 | 613.716 | 1.555.470 | 863.991 | 914.323 |
| Esmeraldas engastada | Quilates | 20.062 | 32.969 | 11.334 | 8.564 | 609.472 | 460 | 182 | 3 | 10 | 0 | 0 |
| Esmeraldas semipreciosa** | Quilates | 2.788.998 | 7.409.418 | 7.533.769 | 11.684.672 | 11.031.734 | 21.002.233 | 1.408.424 | 1.013.519 | 3.117.799 | 2.226 | 9.010 |
| Esmeraldas talladas | Quilates | 382.993 | 334.189 | 399.716 | 376.487 | 359.275 | 277.286 | 203.681 | 151.885 | 47.744 | 633.225 | 168.674 |
| Estaño | Kilogramos | 0 | 0 | 5.018 | 30.282 | 212 | 0 | 0 | 31.379 | 233.051 | 0 | 0 |
| Feldespatos | Toneladas | 81.520 | 132.565 | 158.741 | 159.890 | 151.759 | 150.334 | 141.794 | 180.235 | 134.847 | 99.755 | 132.322 |
| Grafito | Toneladas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 | 0 | 0 | 0 |
| Gravas | Metros cúbicos | 2.811.843 | 4.820.463 | 2.375.013 | 3.760.133 | 10.611.487 | 14.459.157 | 15.801.551 | 17.417.138 | 13.299.009 | 14.629.307 | 12.380.779 |

Volúmenes de explotación de minerales asociados al pago de regalías, con corte al 31 de octubre de 2023

Vicepresidencia de Seguimiento, Control y Seguridad Minera - Grupo de Regalías y Contraprestaciones Económicas
Información Consolidada de Regalías Causadas por Mineral Vigencias 2012 - 2022

* Incluye volumen de explotación de cobre asociado al pago de regalías en El Carmen de Atrato, departamento de Chocó.

** Esmeraldas de otras calidades. P: Provisional Pr: Preliminar



EXPLORACIÓN DE MINERALES

Vigencias 2012 – 2022



| Recurso Mineral | Unidad de medida | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 ^P | 2021 ^P | 2022 ^{Pr} |
|---|------------------|-------------|-------------|------------|------------|------------|------------|------------|------------|-------------------|-------------------|--------------------|
| Gravas de cantera | Metros cúbicos | 1.307.154 | 2.577.313 | 3.993.249 | 8.761.932 | 752.867 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gravas de río | Metros cúbicos | 5.024.563 | 11.459.875 | 12.371.614 | 4.909.770 | 2.156.773 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hierro | Toneladas | 827.447 | 831.293 | 676.542 | 902.485 | 715.894 | 712.868 | 575.578 | 667.207 | 787.121 | 750.095 | 497.481 |
| Manganeso | Toneladas | 243 | 348 | 307 | 146 | 0 | 27 | 211 | 392 | 29 | 359 | 408 |
| Mármol (bloque mayor o igual a 1 m3) | Metros cúbicos | 2.709 | 5.467 | 5.340 | 1.069 | 405 | 885 | 1.887 | 1.205 | 694 | 688 | 432 |
| Mármol (bloque menor a 1 m3) | Metros cúbicos | 164 | 644 | 1.536 | 1.478 | 1.595 | 637 | 2.052 | 2.770 | 863 | 1.237 | 5.767 |
| Mármol en rajón (retal de mármol) | Metros cúbicos | 603 | 2.494 | 1.467 | 7.042 | 1.369 | 44.271 | 40.094 | 46.258 | 41.215 | 40.590 | 53.211 |
| Mineral de magnesio (magnesita) | Toneladas | 1.236 | 0 | 3.500 | 2.883 | 1.190 | 1.913 | 1.039 | 1.847 | 1.077 | 3.116 | 2.694 |
| Niobio | Kilogramos | 0 | 0 | 6.195 | 136 | 1.457 | 0 | 0 | 24.335 | 94 | 0 | 0 |
| Níquel | Libras | 115.462.366 | 108.731.702 | 90.877.272 | 80.844.589 | 81.772.590 | 89.519.871 | 94.919.782 | 89.444.342 | 79.573.145 | 84.435.970 | 92.187.312 |
| Oro | Gramos | 66.222.186 | 55.968.654 | 57.895.497 | 59.637.998 | 63.157.330 | 43.158.174 | 35.965.441 | 38.006.501 | 48.560.872 | 55.320.851 | 51.361.686 |
| Piedra arenisca-piedra bogotana | Metros cúbicos | 0 | 7.917 | 0 | 549 | 0 | 6.684 | 6.296 | 13.133 | 0 | 0 | 0 |
| Plata | Gramos | 19.450.786 | 14.046.392 | 11.692.338 | 11.602.166 | 11.865.867 | 12.076.176 | 16.691.320 | 14.479.241 | 19.947.837 | 26.697.660 | 35.836.163 |
| Platino | Gramos | 1.460.116 | 1.520.174 | 1.141.634 | 860.593 | 916.968 | 566.774 | 270.462 | 177.951 | 413.995 | 617.873 | 501.132 |
| Plomo | Kilogramos | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,04 | 0,03 |
| Puzolanas | Toneladas | 75.498 | 699.721 | 348.564 | 678.765 | 246.206 | 389.087 | 266.721 | 296.283 | 280.481 | 325.167 | 400.449 |
| Recebo | Metros cúbicos | 4.051.383 | 7.930.448 | 8.326.256 | 11.697.374 | 10.962.810 | 8.199.082 | 11.607.299 | 10.317.493 | 6.639.682 | 7.984.926 | 6.749.107 |
| Roca coralina (bloque mayor o igual a 1 m3) | Metros cúbicos | 222 | 244 | 363 | 314 | 256 | 257 | 0 | 160 | 0 | 0 | 0 |
| Roca coralina (bloque menor a 1 m3) | Metros cúbicos | 0 | 155 | 249 | 344 | 459 | 690 | 85 | 127 | 26 | 58 | 2.581 |
| Roca fosfórica | Toneladas | 1.312.884 | 65.759 | 41.692 | 95.594 | 85.514 | 63.483 | 52.945 | 81.903 | 57.878 | 51.834 | 41.467 |
| Sal | Toneladas | 313.664 | 357.738 | 530.970 | 430.530 | 530.812 | 511.117 | 423.316 | 376.309 | 409.976 | 370.318 | 379.081 |
| Serpentina (silicato de magnesio) | Toneladas | 1.968 | 496 | 671 | 15 | 15 | 5.000 | 20.451 | 22.491 | 27.167 | 6.088 | 1.486 |
| Serpentina en rajón | Toneladas | 62 | 57 | 0 | 544 | 463 | 0 | 0 | 1.392 | 0 | 15.778 | 30.367 |
| Talco | Toneladas | 453 | 1.551 | 2.266 | 1.065 | 701 | 2.911 | 2.522 | 1.708 | 717 | 3.170 | 5.222 |
| Tantalio | Kilogramos | 0 | 0 | 0 | 0 | 0 | 0 | 645 | 633.549 | 75 | 0 | 0 |
| Travertino y calizas cristalinas en bloque mayor a 1 m3 | Metros cúbicos | 11 | 1.123 | 789 | 151 | 816 | 229 | 456 | 554 | 106 | 320 | 521 |
| Travertino y calizas cristalinas en bloque menor a 1 m3 | Metros cúbicos | 0 | 0 | 1.027 | 623 | 965 | 1.324 | 874 | 463 | 851 | 776 | 1.100 |
| Volframio | Kilogramos | 9.193 | 0 | 13.639 | 5.847 | 4.139 | 0 | 0 | 3 | 750 | 0 | 0 |
| Yeso | Toneladas | 458.322 | 296.565 | 370.603 | 449.103 | 472.511 | 406.623 | 396.372 | 294.137 | 323.157 | 408.681 | 480.748 |
| Zinc | Kilogramos | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.996 |

*No incluye datos de: arcilla refractaria, arena de cantera, arena de río, arenas negras, asbesto, azufre, carbonato de calcio, esmeraldas, fluorita, granito, mármol, mica y serpentina (bloque).

Volúmenes de explotación de minerales asociados al pago de regalías, con corte al 31 de octubre de 2023; metales preciosos al 02 de octubre 2023