

Analysis Batch: PT100604

Calcite assumed to be Ca(CO3)

| Assumed mineral | Analysis | 7 Li | 24 Mg | 44 Ca | 55 Mn | 57 Fe | 88 Sr | 89 Y | 138 Ba | 139 La | 140 Ce | 141 Pr | 146 Nd | 147 Sm | 151 Eu | 157 Gd | 162 Dy | 166 Er | 174 Yb | 175 Lu | 232 Th | 238 U |
|-----------------|-----------|---------|----------|----------|----------|----------|----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| Calcite | B946R1A-1 | 16 | 685 | 400000 | 10125 | 5947 | 59 | 4 | 0.77 | 0.83 | 2.9 | 0.2 | 2.6 | 0.73 | 0.39 | 2.0 | 0.92 | 0.35 | 0.09 | 0.09 | 0.06 | 0.02 |
| Calcite | B946R1A-2 | 30 | 584 | 400000 | 10229 | 3604 | 205 | 60 | 0.90 | 8.2 | 26 | 4.2 | 25 | 12 | 3.3 | 20 | 14 | 3.7 | 1.6 | 0.38 | 0.02 | 0.03 |
| Calcite | B946R1A-3 | 42 | 778 | 400000 | 12164 | 4036 | 121 | 32 | 0.32 | 2.7 | 9.0 | 1.6 | 7.0 | 4.7 | 1.9 | 10 | 7.6 | 3.2 | 1.9 | 0.33 | 0.05 | 0.03 |
| Calcite | B946R1A-4 | 30 | 690 | 400000 | 9890 | 5339 | 61 | 2.1 | 0.32 | 1.4 | 2.6 | 0.47 | 1.1 | 0.65 | 0.27 | 1.1 | 0.47 | 0.08 | 0.23 | 0.05 | 0.02 | 0.03 |
| Calcite | B946R1A-5 | 78 | 856 | 400000 | 13691 | 4764 | 64 | 4.1 | 0.38 | 0.63 | 1.1 | 0.15 | 0.78 | 0.39 | 0.47 | 1.6 | 0.69 | 0.24 | 0.38 | 0.02 | 0.03 | 0.03 |
| Calcite | B946R1A-6 | 92 | 681 | 400000 | 10220 | 3893 | 194 | 67 | 2.7 | 7.8 | 20 | 3.0 | 19.2 | 11 | 2.2 | 19 | 14 | 4.1 | 2.6 | 0.47 | 0.04 | 0.05 |
| Calcite | B946R3A-1 | 5 | 920 | 400000 | 15587 | 4433 | 63 | 8.2 | 0.21 | 0.24 | 0.65 | 0.12 | 0.39 | 1.4 | 0.07 | 2.9 | 1.9 | 0.36 | 0.72 | 0.05 | 0.02 | 0.02 |
| Calcite | B946R3A-2 | 9 | 851 | 400000 | 15206 | 4556 | 61 | 7.1 | 0.18 | 0.14 | 0.75 | 0.14 | 1.1 | 1.4 | 0.05 | 1.9 | 1.6 | 1.1 | 0.41 | 0.06 | 0.03 | 0.01 |
| Calcite | B946R3A-3 | 25 | 783 | 400000 | 11927 | 4361 | 101 | 23 | 0.32 | 2.8 | 8.3 | 0.93 | 10 | 4.2 | 0.87 | 6.8 | 5.9 | 2.0 | 1.3 | 0.03 | 0.06 | 0.06 |
| Calcite | B946R3A-4 | 20 | 796 | 400000 | 12208 | 4361 | 71 | 12 | 0.32 | 0.56 | 3.6 | 0.40 | 3.0 | 3.4 | 0.10 | 3.5 | 2.8 | 0.40 | 0.36 | 0.03 | 0.02 | 0.03 |
| Calcite | B946R3A-5 | 14 | 639 | 400000 | 9276 | 3702 | 162 | 57 | 1.0 | 75 | 125 | 17 | 77 | 21 | 5.0 | 26 | 13 | 4.7 | 1.8 | 0.32 | 0.01 | 0.01 |
| Calcite | B946R3A-6 | 33 | 910 | 400000 | 11528 | 4416 | 56 | 11 | 0.21 | 2.6 | 5.0 | 0.84 | 3.2 | 1.6 | 0.06 | 2.8 | 1.7 | 0.68 | 0.24 | 0.12 | 0.01 | 0.09 |
| Calcite | B946R4A-1 | 4 | 636 | 400000 | 9148 | 4938 | 84 | 21 | 0.26 | 5.8 | 15 | 3.0 | 14 | 5.6 | 0.90 | 6.9 | 4.7 | 0.48 | 0.75 | 0.21 | 0.02 | 0.02 |
| Calcite | B946R4A-2 | 6 | 793 | 400000 | 14642 | 4760 | 70 | 14 | 0.19 | 7.2 | 13 | 2.1 | 7.8 | 3.4 | 0.63 | 4.6 | 4.0 | 0.49 | 0.30 | 0.15 | 0.02 | 0.02 |
| Calcite | B946R4A-3 | 16 | 829 | 400000 | 12613 | 4241 | 75 | 11 | 0.81 | 1.1 | 3.8 | 0.78 | 4.4 | 1.3 | 0.44 | 5.0 | 3.5 | 0.72 | 0.43 | 0.04 | 0.06 | 0.10 |
| Calcite | B946R4A-4 | 25 | 911 | 400000 | 14021 | 4780 | 60 | 11 | 1.2 | 0.54 | 2.1 | 0.38 | 2.2 | 1.5 | 0.64 | 3.3 | 2.3 | 0.59 | 0.15 | 0.19 | 0.01 | 0.04 |
| Calcite | B946R4B-1 | 6 | 898 | 400000 | 11387 | 3881 | 88 | 17 | 1.5 | 54 | 96 | 11 | 46 | 11 | 1.7 | 7.8 | 4.8 | 1.2 | 0.74 | 0.07 | 0.02 | 0.03 |
| Calcite | B946R4B-2 | 11 | 933 | 400000 | 14450 | 4729 | 67 | 13 | 0.88 | 1.2 | 3.5 | 0.52 | 4.4 | 3.4 | 0.68 | 4.1 | 4.5 | 1.3 | 0.63 | 0.03 | 0.01 | 0.02 |
| Calcite | B946R4B-3 | 14 | 848 | 400000 | 12111 | 3945 | 75 | 14 | 1.4 | 0.74 | 2.9 | 0.61 | 3.2 | 2.0 | 1.1 | 4.3 | 3.9 | 1.1 | 0.60 | 0.08 | 0.01 | 0.02 |
| Calcite | B946R5A-1 | 27 | 620 | 400000 | 11096 | 3882 | 175 | 35 | 2.1 | 4.7 | 12 | 2.0 | 12 | 7.3 | 1.6 | 14 | 7.4 | 2.6 | 1.8 | 0.21 | 0.02 | 0.03 |
| Calcite | B946R5A-2 | 36 | 410 | 400000 | 8680 | 2758 | 224 | 62 | 0.26 | 7.4 | 24 | 3.8 | 22 | 11 | 2.2 | 19 | 14 | 4.1 | 2.6 | 0.13 | 0.09 | 0.03 |
| Calcite | B946R5A-3 | 27 | 638 | 400000 | 10808 | 3981 | 157 | 43 | 0.24 | 5.9 | 16 | 2.5 | 15 | 11 | 2.3 | 14 | 10 | 2.8 | 1.5 | 0.24 | 0.01 | 0.02 |
| Calcite | B946R5A-4 | 28 | 514 | 400000 | 8849 | 3406 | 246 | 69 | 0.24 | 9.3 | 29 | 4.8 | 25 | 13 | 4.0 | 18 | 19 | 5.2 | 2.4 | 0.14 | 0.01 | 0.10 |
| Calcite | B946R6A-1 | 15 | 449 | 400000 | 13245 | 4032 | 108 | 15 | 0.38 | 3.3 | 8.4 | 2.0 | 8.9 | 4.3 | 0.82 | 5.1 | 3.3 | 1.1 | 0.67 | 0.03 | 0.07 | 0.02 |
| Calcite | B946R6A-2 | 20 | 584 | 400000 | 12161 | 5950 | 57 | 9.2 | 0.22 | 2.6 | 5.6 | 0.81 | 5.0 | 3.2 | 0.45 | 2.7 | 1.9 | 0.34 | 0.35 | 0.04 | 0.02 | 0.02 |
| Calcite | B946R6A-3 | 30 | 645 | 400000 | 10786 | 5211 | 58 | 8.5 | 0.27 | 0.88 | 2.4 | 0.36 | 1.8 | 1.4 | 0.70 | 4.3 | 1.5 | 0.54 | 0.06 | 0.06 | 0.03 | 0.04 |
| Calcite | B946R6A-4 | 32 | 610 | 400000 | 12985 | 5214 | 49 | 4.3 | 0.27 | 0.48 | 1.2 | 0.27 | 0.63 | 1.1 | 0.30 | 1.9 | 0.60 | 0.34 | 0.30 | 0.09 | 0.03 | 0.03 |
| Calcite | B946R6A-5 | 33 | 653 | 400000 | 11348 | 4091 | 149 | 56 | 0.39 | 8.6 | 22 | 3.4 | 19 | 12 | 3.9 | 20 | 14 | 3.04 | 1.6 | 0.15 | 0.04 | 0.07 |
| Calcite | B946R6A-6 | 58 | 864 | 400000 | 12928 | 4789 | 71 | 5.8 | 0.46 | 1.3 | 2.9 | 0.30 | 2.4 | 2.0 | 0.22 | 3.8 | 1.1 | 0.83 | 0.22 | 0.11 | 0.05 | 0.05 |