EXPLANATION OF MINERAL RESOURCE POTENTIAL AND KNOWN MINERAL OCCURRENCES

Area having known coal occurrences—The fields of important bituminous coal in the Carboniferous formations, not identified as a mine.
L/C
Geologic terrane having low resource potential for metals, oil and gas, coal, and geothermal energy, at certain level C—Applies to all parts of all four study areas

CORRELATION OF MAP UNITS

<table>
<thead>
<tr>
<th>Layer</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cenomian</td>
<td>Q.</td>
<td>Cretaceous</td>
</tr>
<tr>
<td>Tertiary</td>
<td>T.</td>
<td>Tertiary</td>
</tr>
<tr>
<td>Upper Cretaceous</td>
<td>U.</td>
<td>Upper Cretaceous</td>
</tr>
<tr>
<td>Lower Cretaceous</td>
<td>L.</td>
<td>Lower Cretaceous</td>
</tr>
<tr>
<td>Maastrichtian</td>
<td>M.</td>
<td>Maastrichtian</td>
</tr>
<tr>
<td>Lower Cretaceous</td>
<td>L.</td>
<td>Lower Cretaceous</td>
</tr>
<tr>
<td>Jurassic</td>
<td>J.</td>
<td>Jurassic</td>
</tr>
<tr>
<td>Lower Jurassic</td>
<td>L.</td>
<td>Lower Jurassic</td>
</tr>
<tr>
<td>Upper Jurassic</td>
<td>U.</td>
<td>Upper Jurassic</td>
</tr>
<tr>
<td>Lower Jurassic</td>
<td>L.</td>
<td>Lower Jurassic</td>
</tr>
</tbody>
</table>

DESCRIPTION OF MAP UNITS

Qa Eocene-Aquitanian (Hercynian)—Recent accumulations of sediments, oil and sand
Qb Albian-Cenomanian (Hercynian)—Recent accumulations of sediments, oil and sand
Qc Albian-Cenomanian (Hercynian)—Recent accumulations of sediments, oil and sand
Qd Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qe Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qf Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qg Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qh Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qi Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qj Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qk Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Ql Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qm Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qn Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qo Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qp Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qq Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qr Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qs Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qt Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qu Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qv Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qw Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qx Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qy Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand
Qz Aptian-Albian (Hercynian)—Recent accumulations of sediments, oil and sand

Diagram showing relationships between levels of mineral resource potential and levels of certainty. Shading shows levels that apply to this study area.

MINERAL RESOURCE POTENTIAL, KNOWN COAL OCCURRENCES, GEOLOGY, AND OIL AND GAS LEASES IN THE RIMROCK, SAND CANYON, LITTLE RIMROCK, AND PINYON WILDERNESS STUDY AREAS, CIBOLA COUNTY, NEW MEXICO