|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| M1Quartz | M2Plagioclase Feldspar | M3Orthoclase Feldspar | M4Biotite Mica | M5MuscoviteMica | M6Pyroxene |
|  |
| M12Pyrite | M11Gypsum | M10Magnetite | M9Fluorite | M7Amphibole |
| M13Halite |  |  |  | M8Calcite |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sedimentary Rocks

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| --- | --- | --- |
| RS-5 Conglomerate | RS-4 Sandstone | RS-3 Siltstone |
| RS-2Limestone | RS-1Chert |  |

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|  |
| Extrusive Igneous Rocks

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| --- | --- | --- |
| RI-1 Pumice | RI-2Obsidian | RI-3Basalt (aphanitic) |
| RI-4Basalt (porphyritic) | RI-5Rhyolite | RI-6Andesite |
| RI-9Volcanic Breccia (agglomerate) |  |  |

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|  |
| Intrusive Igneous Rocks

|  |  |  |
| --- | --- | --- |
| RI-7Diorite | RI-8Granite | RI-10Gabbro |

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| Metamorphic Rocks

|  |  |  |
| --- | --- | --- |
| RM-1Shale | RM-2Slate | RM-3Schist |
| RM-4Gneiss | RM-5Marble | RM-6Coal |
| RI-7Quartzite |  |  |

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