|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| M1  Quartz | | M2  Plagioclase Feldspar | M3  Orthoclase Feldspar | M4  Biotite  Mica | M5  Muscovite  Mica | M6  Pyroxene |
|  | | | | | | |
| M12  Pyrite | M11  Gypsum | M10  Magnetite | | | M9  Fluorite | M7  Amphibole |
| M13  Halite |  |  |  | M8  Calcite |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sedimentary Rocks   |  |  |  | | --- | --- | --- | | RS-5  Conglomerate | RS-4  Sandstone | RS-3  Siltstone | | RS-2  Limestone | RS-1  Chert |  | |
|  |
|  |
| Extrusive Igneous Rocks   |  |  |  | | --- | --- | --- | | RI-1  Pumice | RI-2  Obsidian | RI-3  Basalt (aphanitic) | | RI-4  Basalt (porphyritic) | RI-5  Rhyolite | RI-6  Andesite | | RI-9  Volcanic Breccia (agglomerate) |  |  | |
|  |
|  |
| Intrusive Igneous Rocks   |  |  |  | | --- | --- | --- | | RI-7  Diorite | RI-8  Granite | RI-10  Gabbro | |
| Metamorphic Rocks   |  |  |  | | --- | --- | --- | | RM-1  Shale | RM-2  Slate | RM-3  Schist | | RM-4  Gneiss | RM-5  Marble | RM-6  Coal | | RI-7  Quartzite |  |  | |