**Describing Rocks**

Describe the physical properties of each rock. Describe the **colour** of the rock, **layers** in the rock, whether it is made of **grains or crystals** and whether there are **air holes** present. You may include other observations.

|  |  |  |
| --- | --- | --- |
| **Rock Number** | **Name of Rock** | **Description** |
| **P1** | Pegmatite |  |
| **P3** | Syenite |  |
| **P12** | Obsidian |  |
| **P14** | Pumice |  |
| **P15** | Scoria |  |
| **G1** | Conglomerate |  |
| **G2** | Breccia |  |
| **G7** | Tufa |  |
| **G11** | Fossil Limestone |  |
| **G12** | Rock Salt |  |
| **B1** | Gneiss |  |
| **B3** | Mica schist |  |
| **B7** | Slate |  |
| **B13** | Marble |  |
| **B15** | Anthracite |  |

**Describing Minerals**

For each mineral, describe the outside **colour** of the mineral, the **lustre** (metallic, pearly, glassy or dull) and conduct a **streak** test by drawing a line on the white tile. You may include other observations.

Use Mohs’ Scale of **Hardness** to name the hardest mineral each will scratch and the softest mineral that will scratch it. Add this to your description.

|  |  |  |
| --- | --- | --- |
| **Mineral Number** | **Name of Mineral** | **Description** |
| **W1** | Fluorite  (hardness = 4) |  |
| **W3** | Hematite  (hardness = 6) |  |
| **W4** | Pyrite  (hardness = 6) |  |
| **W6** | Calcite  (hardness = 3) |  |
| **W8** | Magnetite  (hardness = 6) |  |
| **W11** | Halite  (hardness = 2.5) |  |
| **W14** | Gypsum  (hardness = 2) |  |