**Description of metamorphic rock under the microscope**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Rock name**  | **Grain Textures** | **Non-Foliated Textures** | **foliated** | **Mineral composition**  | **Parent rock**  |
|  | **grain shape, grain size, *porphyroblasts, porphyroclasts, augen,*** **grain orientation** | **Hornfels, granoblastic rocks, cataclastic & non-crystalline textures** | ***slaty cleavage, phyllitic schistosity, gneissic banding , migmatite, mylonite*** |  |  |

**METAMORPHIC ROCKS DESCRPATION CHART**

**GRAINSIZE**

**MINERAL COMPOSITOIN**

**TEXURES**

**CHEMICAL COMPOSITON**

**TYPE OF METAMORPHISM**

**GRADE OF METAMORPHISM**

**FACIES OF METAMORPHISM**

**PARENT ROCKS (if possible)**

**Nomenclature**