|  |  |
| --- | --- |
| **Sample #:** | **Student Name:** |
| **Sample Name:** | **Date:** |
| **Hand Sample** |
| **Field Name:** |
| **Hand Sample Description:** |
| **Thin Section** |
| **Rock Name (IUGS):** |
| **Mineralogy:** |
| Mineral Name | Abundance (modal %)  | Size | Morphology | Other Features/Comments |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Textures:** | Thin section sketch: Scale: |
| **Plagioclase composition (Michel-Levy):** |

|  |
| --- |
| **Interpretation** |
| **Crystallization History:**  |
| **Petrogenesis:** How did this rock form? Include compositional, thermodynamic, geologic, tectonic information whenever available. Include relationship to other rocks if this sample is part of a rock suite. |