**Name:**

**Date:**

**Instructor’s Name:**

**Assignment: SCI203 Groundwater Sustainability Lab**

**Title: The Effect of Human Development on Groundwater Sustainability**

**Instructions:** In Part I of this form, record the data from the Unit 2 Lab: Groundwater Sustainability. In Part II, follow the steps of the scientific method listed below to complete this lab report form. **When this form is complete, please submit it in the submission area of the classroom.**

**Part I:** Using the time progression of industrialization and human development, fill in the data table. You will use this information to complete your lab report in Part II.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Time Period | Impact to Forest | Groundwater Levels | Saltwater Intrusion | Farming | Industrial development | Population |
| 1800s |  |  |  |  |  |  |
| 1900s |  |  |  |  |  |  |
| 2000s |  |  |  |  |  |  |

**Part II:** Write a lab report using scientific method sections below:

**Title: The Effect of Human Development on Groundwater Sustainability**

* **Purpose**
  + In 2-3 sentences, state the purpose of the Groundwater Sustainability Lab.
* **Introduction**
  + In a detailed paragraph, summarize what is currently known about the impact of human development on groundwater sustainability. Use the background information provided in the Unit 2 Lab: Groundwater Sustainability.
* **Hypothesis/Predicted Outcome**
  + In one sentence, state what you expect the results of the lab procedure will be.
* **Methods**
  + In a detailed paragraph, summarize the steps you performed to collect the data in this lab exercise. The goal of the methods section is to include enough information that others can duplicate your process and obtain the same results.
* **Results/Outcome**
  + In a detailed paragraph, summarize your data.
* **Discussion/Analysis**
  + In a detailed paragraph, discuss whether you obtained the expected results and what you learned from the lab.