

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Percentage of Water in Snow Protocol 1**

**\*\*\* Adapt this document to your students’ level \*\*\***

1. **Use the beaker to take a sample of snow (without compacting it).**
2. **Note the quantity of snow in the beaker in millilitres.**

*The beaker contains \_\_\_\_\_\_\_\_\_\_\_\_ ml of snow.*

1. **Melt the snow in a pot.**
2. **Put the water back in the beaker.**
3. **Note the quantity of water in the beaker in millilitres.**

*The beaker contains \_\_\_\_\_\_\_\_\_\_\_\_ ml of water.*

1. **Calculate the percentage (%) of water in the snow.**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_÷\_\_\_\_\_\_\_\_\_\_\_\_\_\_ x 100=\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Quantity of water Quantity of snow % of water in snow*

1. **Repeat steps 1 to 6 for each type of snow and note the results in a table.**

|  | *Aqilluqaq* | *Sitilluqaq* | *Pukajaq* |
| --- | --- | --- | --- |
| *Quantity of snow (ml)* |  |  |  |
| *Quantity of water (ml)* |  |  |  |
| *Percentage*  *of water in snow (%)* |  |  |  |