Last name: _____

Property address: _____

Soil Characterization Sheet

Step 1. Review available soil data and recommend on-site soil testing

To be completed by HIP Coordinator

Off-site test pit data. Review map provided by HIP. If one test pit is within 100' of any property line, list only that data. Otherwise, please list three representative test pits, preferably within ¼ mile of the site.

Test Pit Number	Soil Type/ Infiltration Rate	Depth to Groundwater	Depth to Bedrock

Based on this information, the recommended soil investigation procedure to follow in Step 2 is (determined by HIP Coordinator):

_____

Step 2. On-site testing procedure to determine soil type

To be completed by HIP Coordinator or the project designer

Follow the soil testing methods and instructions for infiltration BMPs, found in the HIP Design Manual (Infiltration Trench and Lake Whatcom Rain Garden).

Note: If designing for infiltration facilities in multiple locations, it is suggested that each location be checked for factors that might affect design considerations. Consult with the HIP Coordinator to determine the number of additional investigations recommended for each unique site.

I completed an on-site soil investigation using (check boxes of all completed tests):
Date of soil investigation:_____

☐ Soil Drainage Test

I used the Rain Garden Manual

The depth of the hole I dug was: _____inches

After one wet season (or three dry season) tests I have determined that my soil drainage rate is _____inches/hour

I've characterized my soil as:

- ☐ Good
- ☐ Moderate
- ☐ Marginal
- ☐ Poor

☐ Simple Investigation

I dug to a depth of 3' below ground surface and found:

☐ Groundwater
Depth to groundwater (if applicable): _____inches

☐ Bedrock
Depth to bedrock (if applicable): _____inches

☐ Other: _____
_____
_____

☐ None of the above

☐ Soil Texture Test

I used this test method to determine soil type (circle one):

Clay	Clayey Silt
Silt/Loam	Sandy Loam/Sand

I've characterized my soil as:

- ☐ Good
- ☐ Moderate
- ☐ Marginal
- ☐ Poor