

Anu Hynninen
Morten S. Riishus

Mývatnssveit 19. júlí 2017
UST201707-069/D.Ö.H.

Sampling in Mt. Herðubreið

The Environment Agency of Iceland has received a request from Anu Hynninen and Morten S. Riishus dated July 6th 2017 on collecting of samples for science purposes within Herdubreid Nature Reserve. Herðubreið was declared a nature reserve in 1974. Disturbance to geological formations in the protected area is prohibited without permission from the Environment Agency of Iceland. That also includes sampling for scientific research.

Vatnajökull National Park takes care of daily responsibilities of the nature reserve according to contract signed June 9th 2008 between VJP and Environment Agency of Iceland. According to the contract The Environment Agency is responsible for all permits within the nature reserve.

Description of the project:

The sampling within Herdubreid Nature Reserve is a part of bigger science research on Microbial weathering of terrestrial basalts within Vatnajökull National Park (VJP). The basalt cores that will be collected will be 2,5 cm diameter and 5 – 15 cm long from different age lava flows. The drill cores will be taken with a portable petrol-driven drill. The drilling will take place at sites hidden from roads and paths and all signs of the drilling will be hidden.

Impact assessment:

According to the description of the project disturbance from the sampling will be minimal and is not likely to have negative impact on the reserve.

Conclusions and conditions:

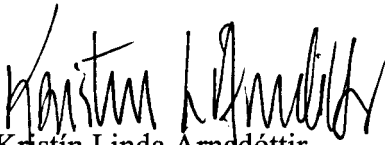
The Environment Agency of Iceland, for its part, authorizes the samples within Herdubreið Nature Reserve with following conditions:

- This permit is granted for August 2017.
- Keep the signed permit letter with you at location.
- This permit is only valid for research purposes. It does not include permit to utilize the samples for commercial purposes. The samples cannot be signed over to third party for commercial use.
- Every measure should be taken to avoid damage to the sites and unnecessary disturbance while collecting the samples.


- Number of samples should be moderate
- All vehicles used during field explorations must be labelled with the identity of the researcher's institute.
- All participants in the project must wear high-visibility clothing during field work, labelled with the identity of the researcher or the research institute.
- The Environment Agency of Iceland wishes to be secured, free of charge, a copy of all reports and scientific articles that results from the research project.

If you wish to transport samples from Iceland a special permit will be needed from the Icelandic Institute of Natural History (www.ni.is).

Sincerely



Kristín Linda Arnadóttir
forstjóri



Davíð Örvar Hansson
sérfræðingur