

Team Member Name: Jaylee

School: Mount Vernon Middle School, Mount Vernon, IA

Teacher: Mrs. Scarce

Proposal:

1. The name and/or description of your chosen ice feature

Socks Glacier according to lima:

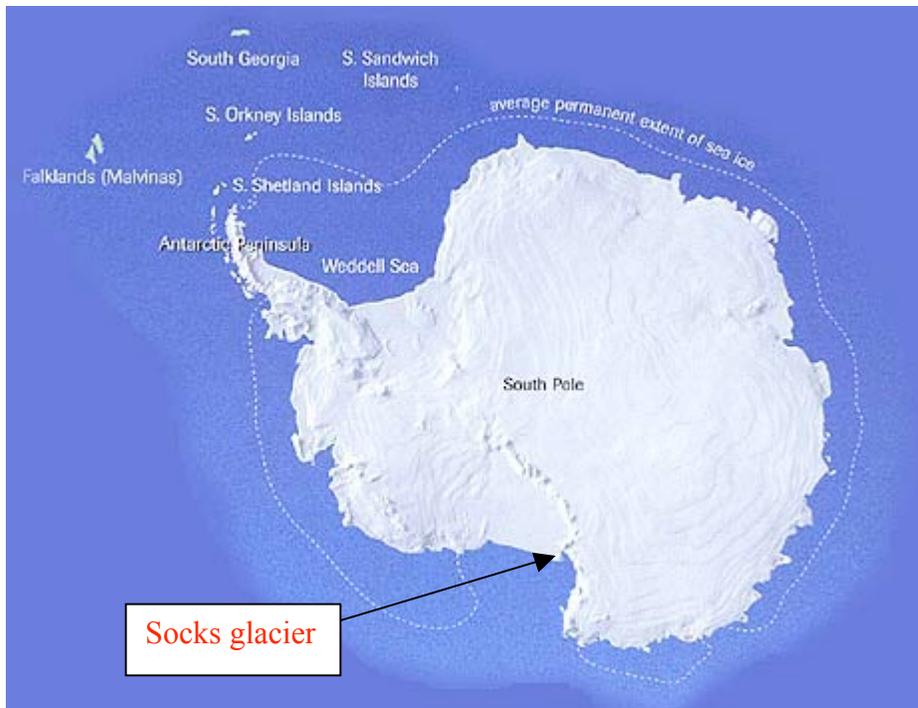
A small glacier descending the E slopes of Queen Alexandra Range just N of Owen Hills to enter the W side of Beardmore Glacier. Discovered by the BrAE (1907-09) and named for one of the ponies taken with the South Pole Party. Socks, the last pony to survive the journey, fell into a crevasse on Dec. 7, 1908, on Beardmore Glacier near Socks Glacier.

2. An image of your chosen ice feature



3. The location of your selected feature in terms of its longitude and latitude as well as the region of Antarctica in which it exists. (Teams are encouraged to include a map of Antarctica with a mark pinpointing the location of their selected feature).

-83.7 Latitude 170.0833333 Longitude



4. A paragraph explaining why your chosen ice feature is scientifically interesting.

My ice feature is scientifically interesting because it is a glacier and glaciers can help predict global warming. A glacier is a large slowly-moving river of ice formed by the accumulation and compaction of snow on mountains or near the poles that flows in response to gravity. Some glaciers have crevasses in them which are a fracture (deep open crack) in a glacier.

5. A paragraph hypothesizing what geologic processes you think are occurring to create this ice feature.

I think that the glacier is formed by Queen Alexandra Range and flows down

6. A paragraph asserting why you and your team should be funded to further investigate this area of Antarctica. (In other words, what are the potential benefits of exploring this feature?)

I think we should be funded because we are really interested in the socks glacier and we want to learn more about the amazing continent of Antarctica and the amazing and wonderful things in it.