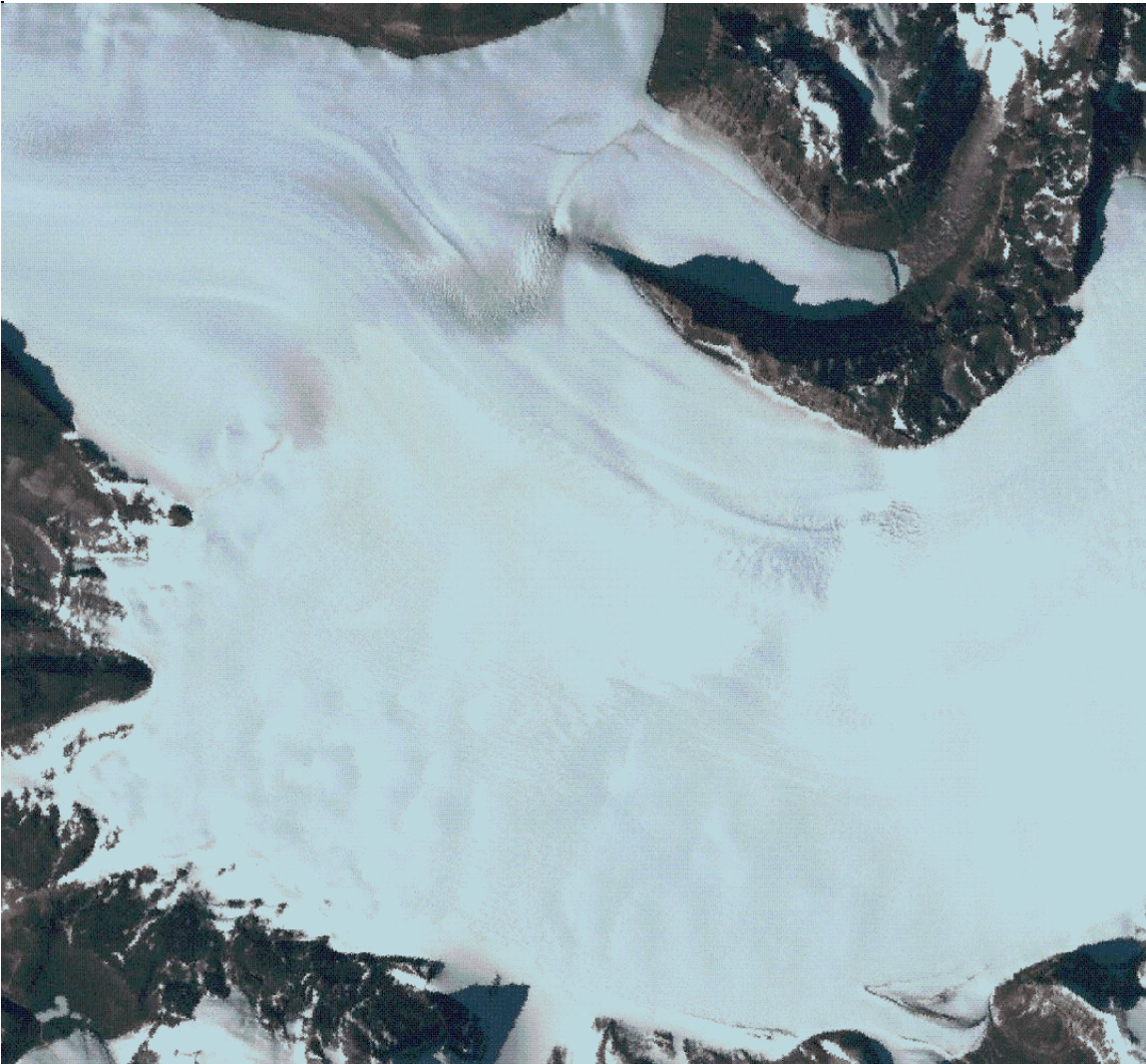


Team Member's Name: Brandt  
School: Mount Vernon Middle School, Mount Vernon, IA  
Teacher: Mrs. Scarce

Proposal:

Unnamed feature close to Cavendish Ice falls, Turnabout Glacier, and Round Mountain.



I'm most interested in the swirls coming from the top left to the mid right and bumps at the bottom left.



It is at X:43911.38    Y:-1267427.68

It is a large open land of ice that has swirls and bumps in the ice that leads into a large basin. It is unnamed which I found surprising because it is so close to named places. I also think this looks more interesting than the named places. I see spaces where the melted snow and ice could have flowed through and then froze again. The glacier is different from the rocks because of the elevation so there might be another river under the ice. The possible river and swirls come from Cavendish Icefalls and some more streams that go into Cavendish Icefalls.

The Cavendish Icefalls and the rivers around it tend to flow and make swirls with the flowing water. Also the ice going around the Cavendish Rocks makes swirls around itself and other streams and/or rivers. There is also snow on the outside of the mountains that could have overflowed and melted into the inner mountains. The glacier might be separated at some parts making some parts bumpy and some swirly. The glacier possibly could have gone over the mountains and is still not settled.

I will use BEDMAP tool for research and for finding pictures below the ice of Antarctica that may help explain the swirls.

We should be funded to drill ice cores into the ice to find any evidence of volcanic activity or life in the snow or ice such as microbes or some types of bacteria, and figure out what kind of ice feature it is, such as rumples, frozen lakes or glaciers. Along with the field work we should also use BEDMAP or other satellite imagery to see if there is a river underneath the ice. It looks like there could be a river from the LIMA imagery and if so I would like to know where it is coming from and where it goes.

Thank you for considering my proposal.

