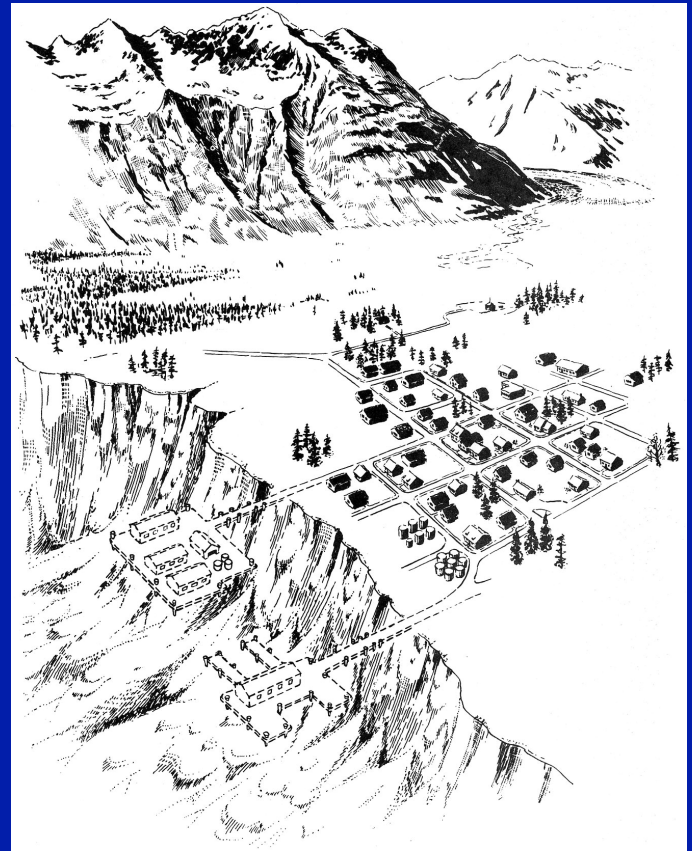


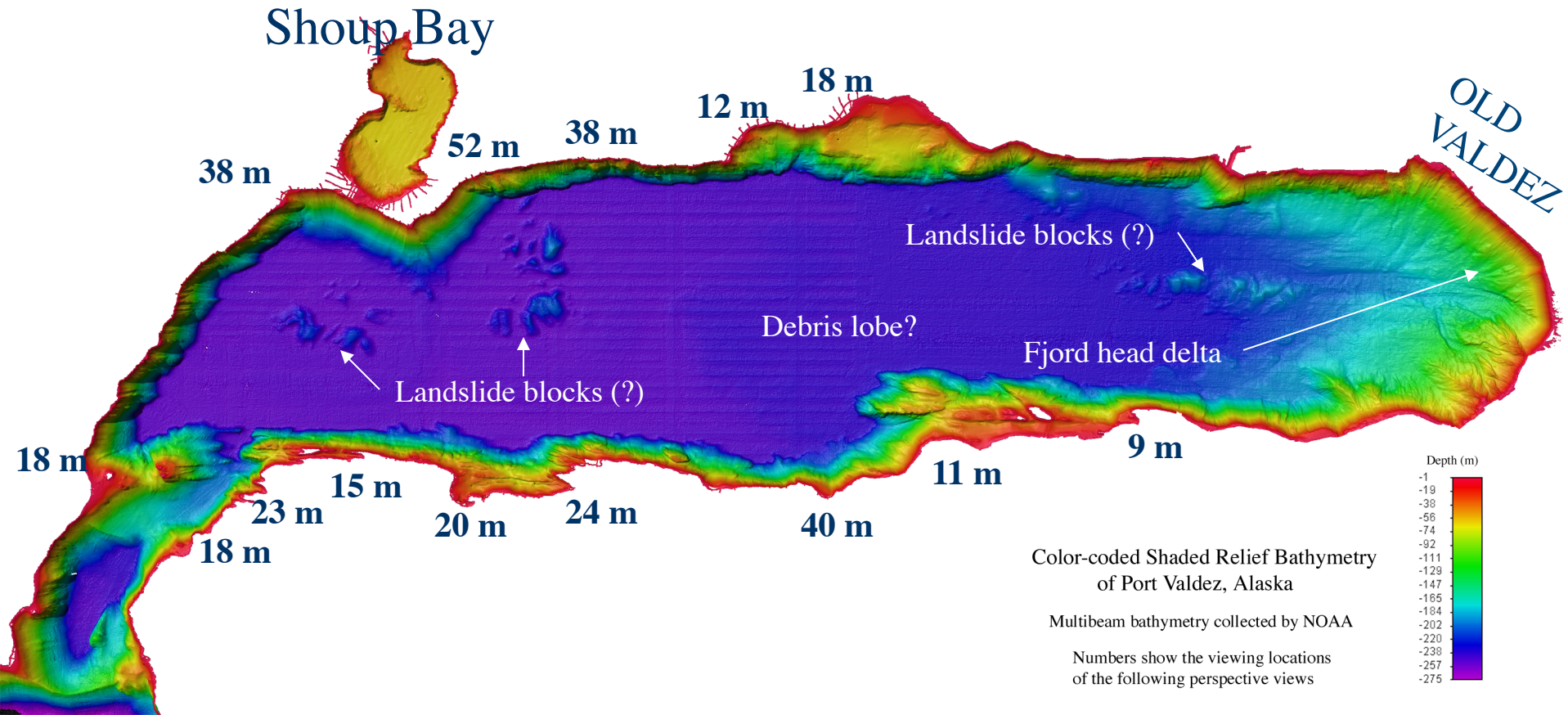
# Valdez Alaska Landslides and Tsunamis

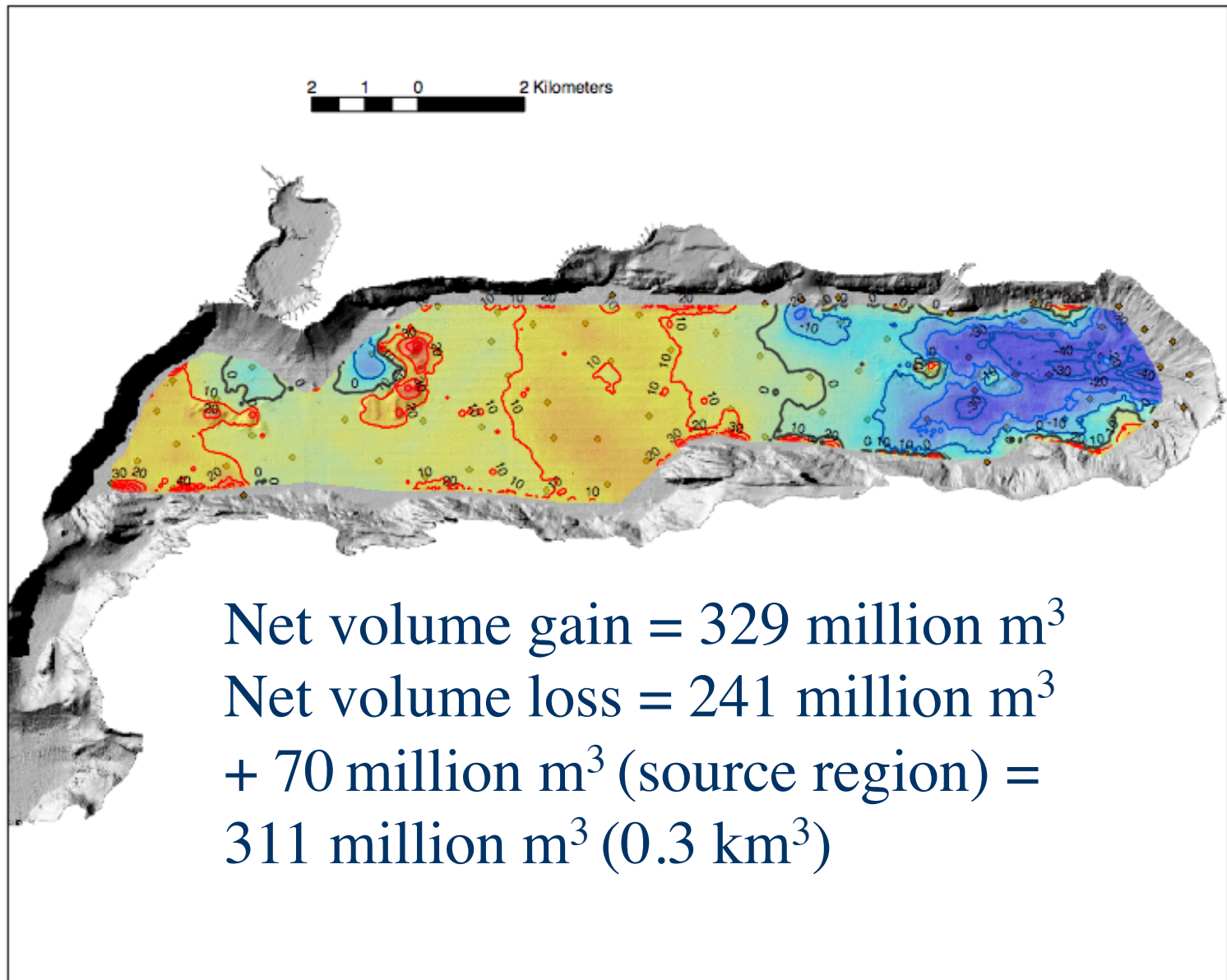
Valdez Alaska was badly impacted by deadly submarine landslide-induced tsunamis during the 1964 earthquake

Harbor front failed into the fjord; waves over 30-m high were produced; town had to be moved.



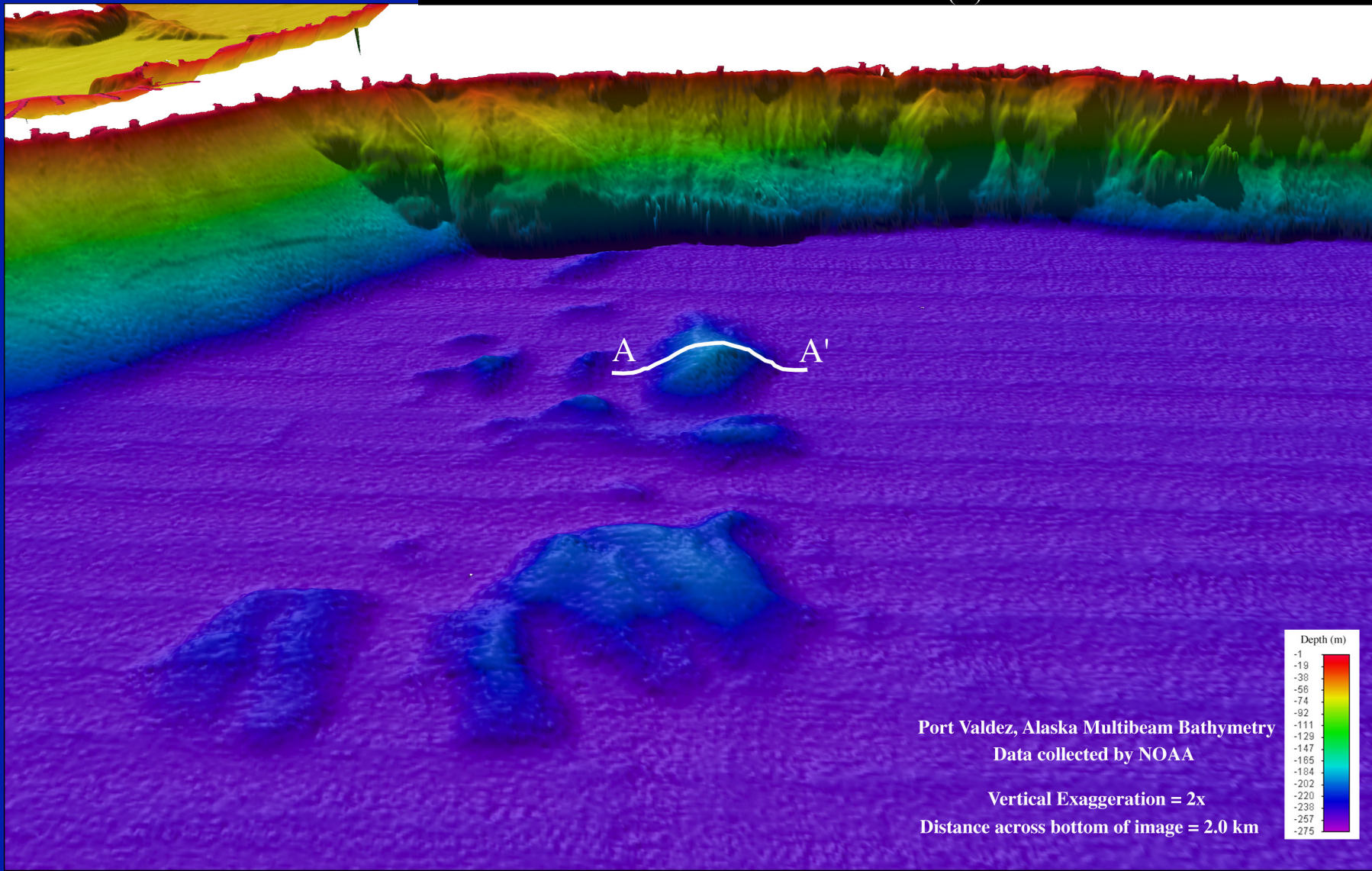
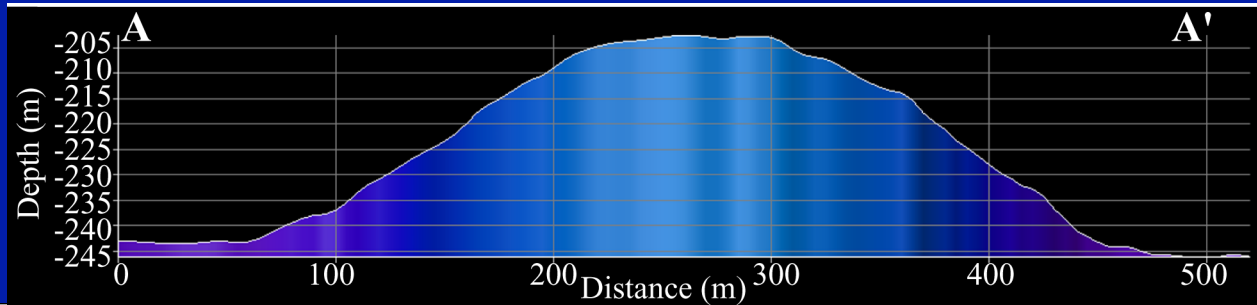
# Tsunami wave runup during 1964 earthquake Port Valdez, Alaska

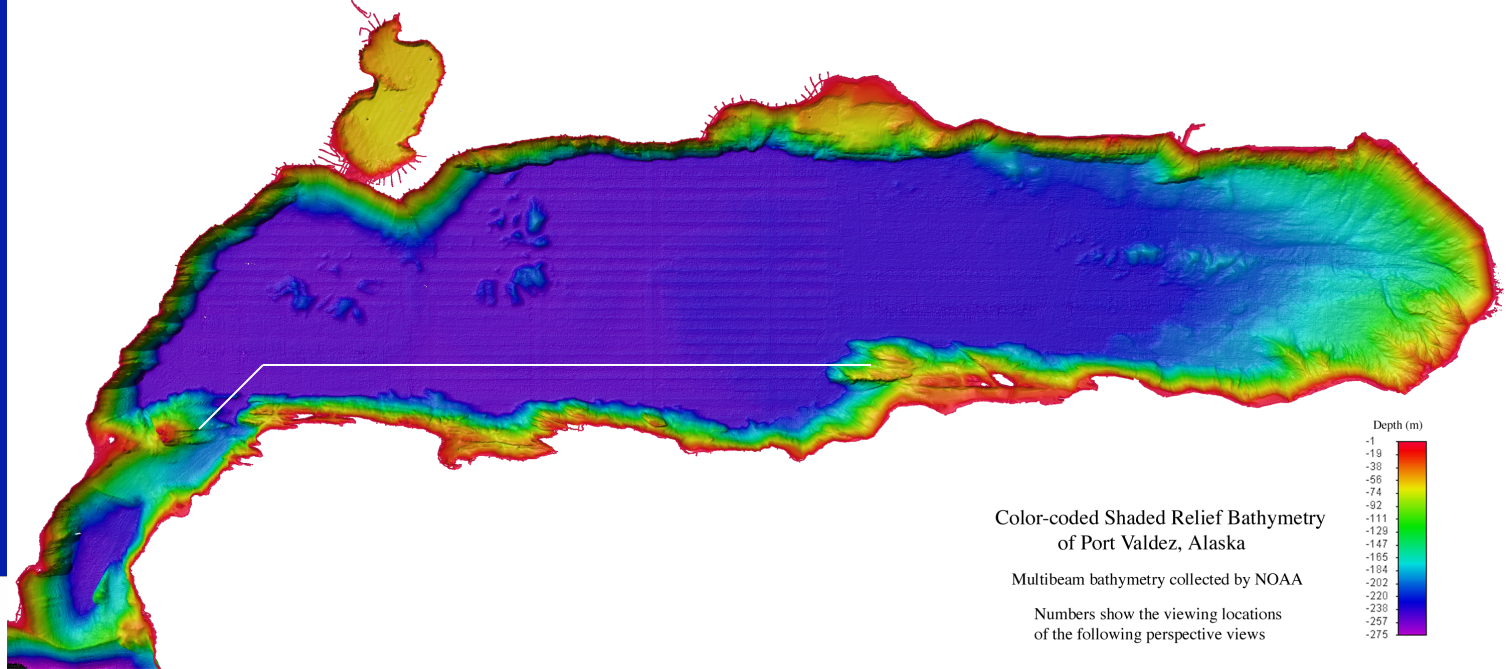




Depth changes 1902-1966

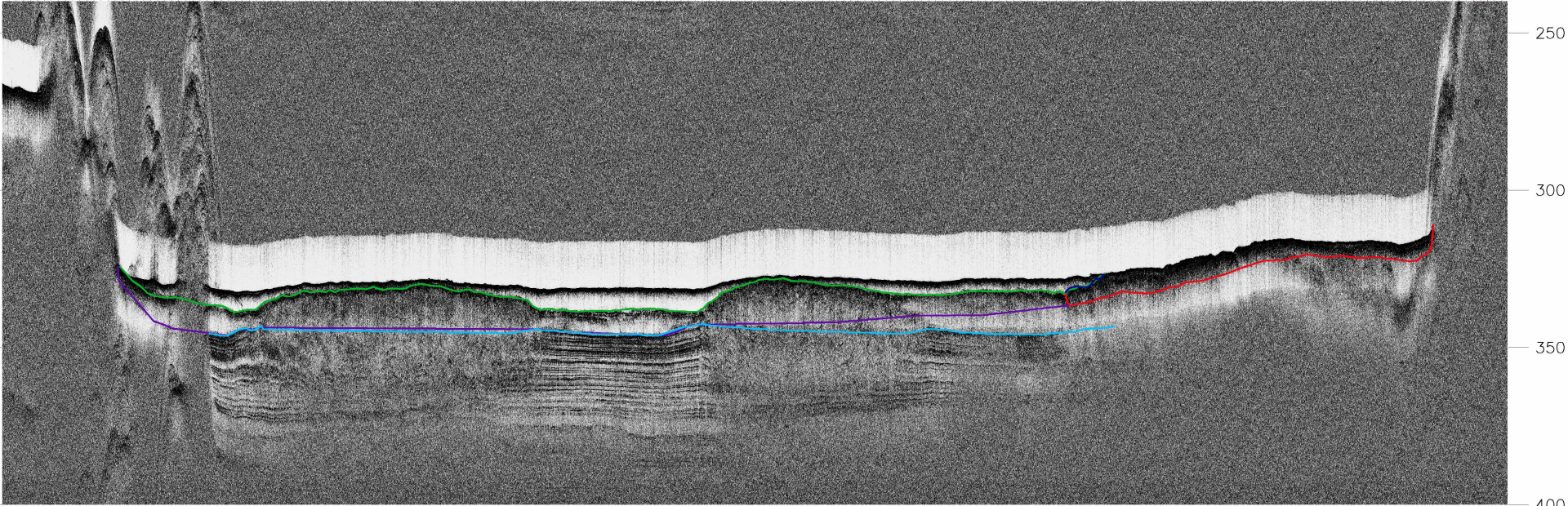
# Landslide blocks SE of Shoup Bay, Port Valdez, Alaska





4800 5200 5600 6000 6400 6800 7200 7600 8000 8400 8800 9200 9600 10000 10400 10800 11200 11600 12000 12400 12800 13200 13600 14000 14400 14800 15200

M105-B9  
M105-B8  
M105-B10



agc080001  
W

225m

M105-B13  
E

# 2006 San Francisco AGU

- Tsunamis and Submarine Landslide Deposits: Identification and Interpretation of the Geologic Record
- Conveners: Dave Tappin, Bruce Jaffe, Osamu Fujiwara, Jacques Locat and Homa Lee
- 16 Oral presentations, 30 posters