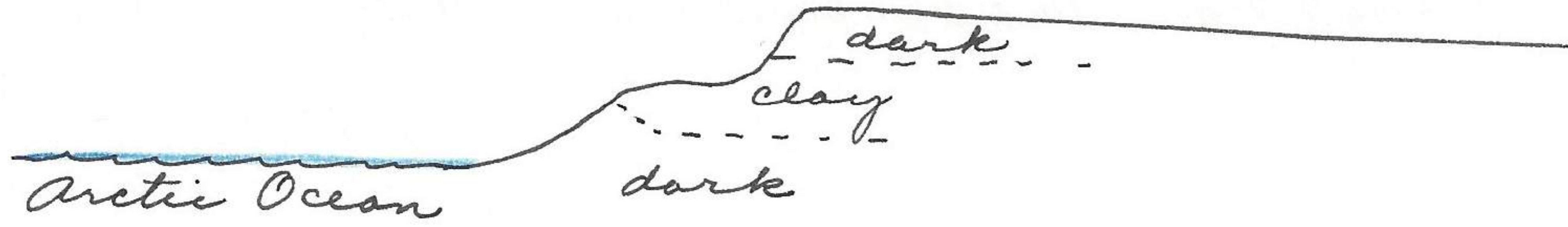
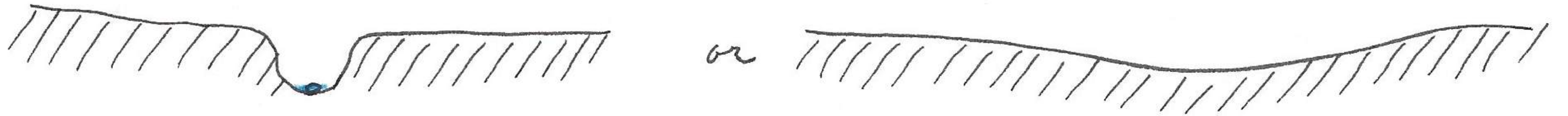


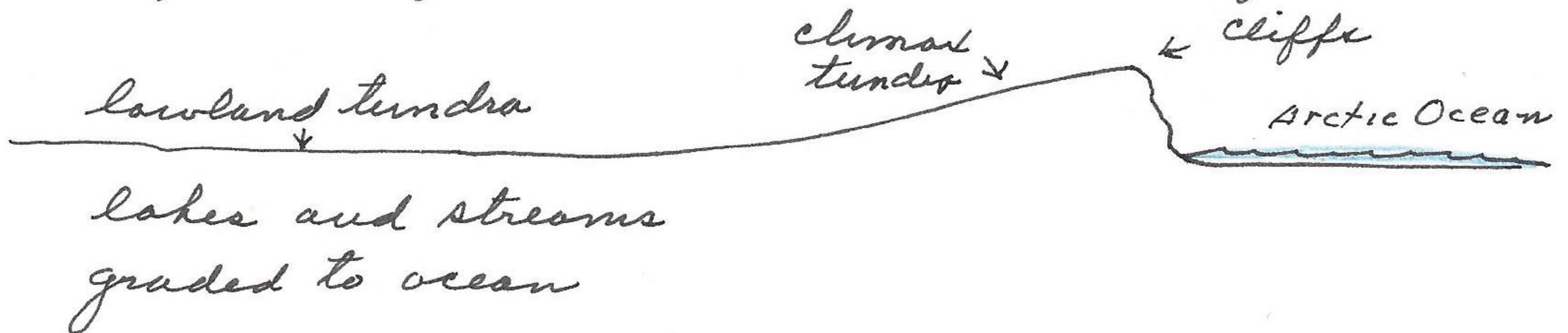
Profile of ocean - beach - cliff - uplands near Rogers Monument:



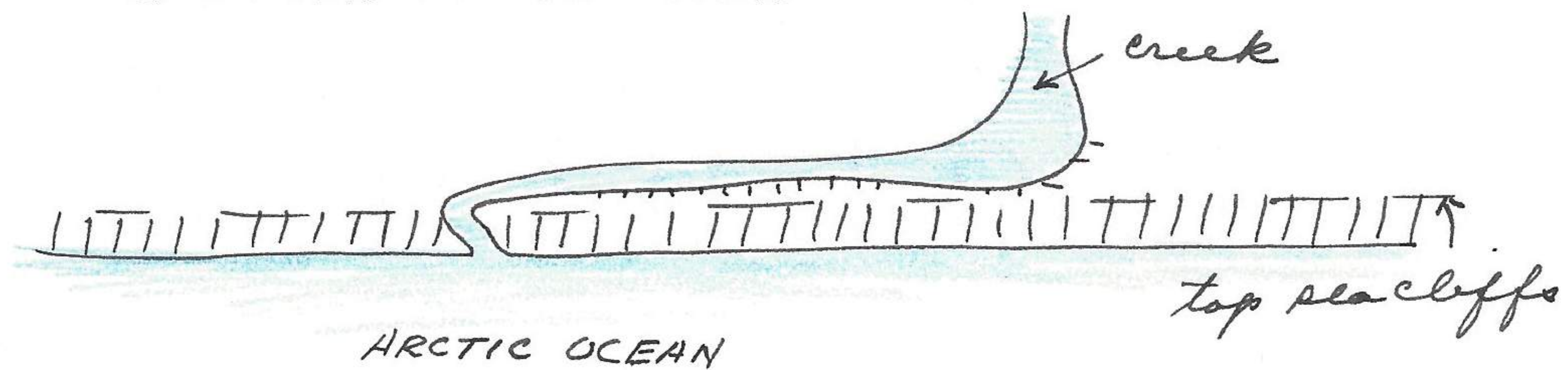
Creeks entering ocean thru ocean cliffs



from deeply entrenched rivers at ocean front the entrenchment becomes progressively less to the east suggesting uplift of cliffs



One creek which enters ocean thus:



This slows progressive erosion of tundra by the ocean. Waters muddy near shore to about 100 meters into ocean, thence clear greenish blue waters. Apparently there is considerable wave erosion and portage of eroded soils to north along beach. Cliffs from air about 100 feet high.

Arctic Research Laboratory, Point Barrow, Alaska

July 20, 1951

Departed Koalak (oil camp) at 2:41 P.M. 400 glaucous gulls at Point Barrow. At 10 miles down coast from Barrow Village the subsurface colors of ocean are: Left ocean to land at 3:00 P.M. Beach water to 200 feet out muddy and streaming out into green and blue area of ocean.

