

12/15/77

DAM INSPECTION #1

BEDROCK REPORT

NAME: Silver Lake Dam

TOWN: Bucksport COUNTY: Hancock

RIVER: Tannery Brook

TYPE OF DAM: Buttress Earth

PURPOSE: Water Supply

HEIGHT(FT.): 24

CAPACITY(ACRE FT.): 6428

UNDERLYING BEDROCK: Rusty weathering schist, sulfidic (General Class —  
Penobscot Fmn. — Undifferentiated Metasediments)

SITUATION: Dam is approximately 1600 feet south of the reported contact between the Penobscot and Bucksport Formations. This is a possible fault zone of some 5 miles in extent. No outcrops were noted in the dam vicinity. The concrete core of the dam (according to the original plans) is apparently set into bedrock. There is no historical record of movement along this fault zone. There are two larger fault zones north of the dam; Long Lake Fault, 3 miles distant, and Norumbega Fault, 7 miles distant, neither of which is known to be active in modern times.

