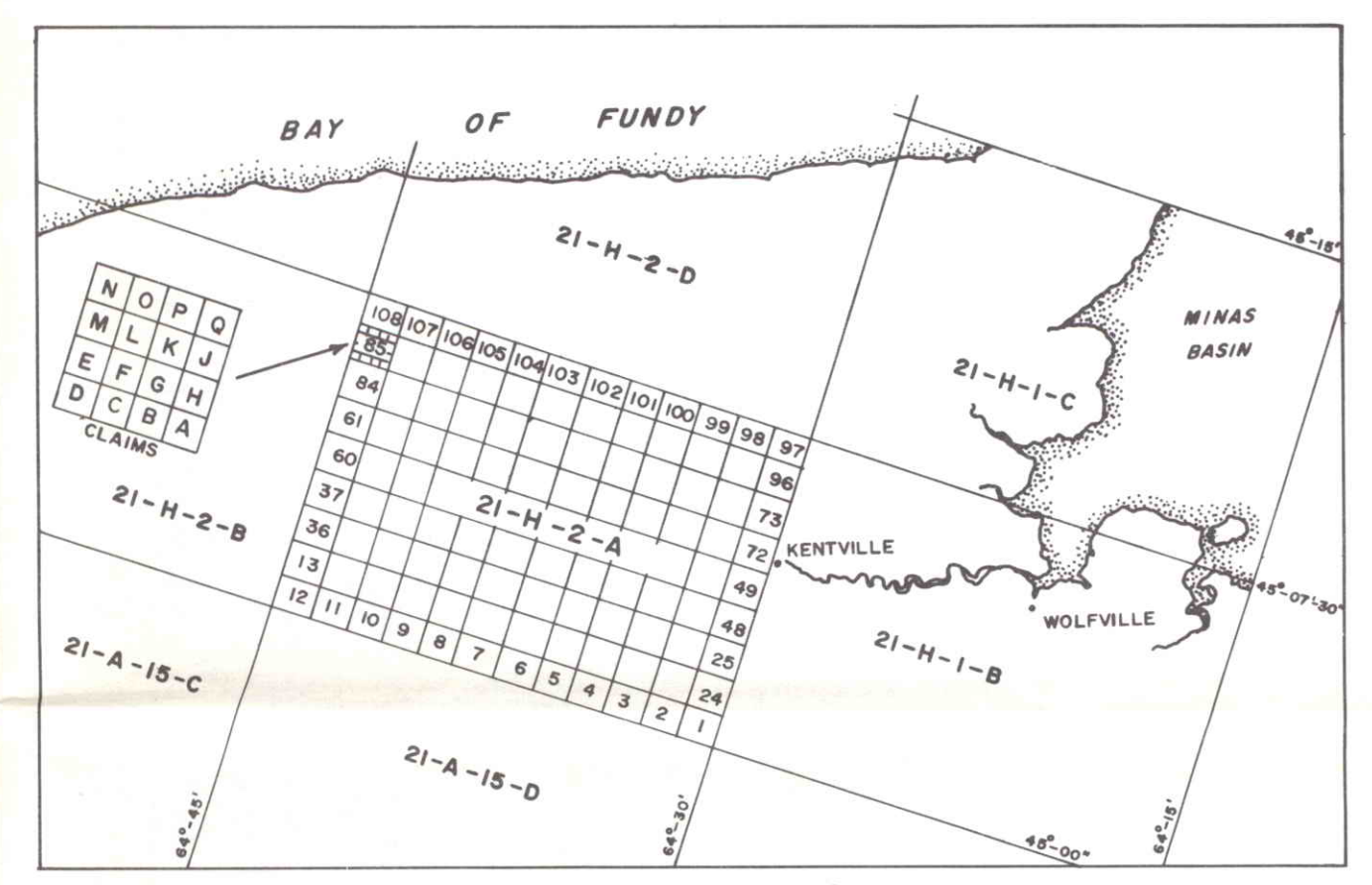
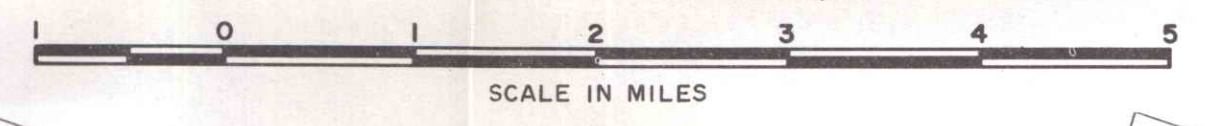


BEDROCK AND SURFICIAL GEOLOGY  
of the  
ANNAPOLIS - CORNWALLIS VALLEY  
NOVA SCOTIA

DEPARTMENT OF MINES, NOVA SCOTIA  
1967

Scale: One Inch to One Mile = 63,360



KEY TO MAP SECTIONS

LEGEND		
QUATERNARY RECENT	Soil marsh and tidal flat	
	Dykeland	
	Stream alluvium	
PLEISTOCENE	Ice - contact stratified drift	
	Kames, kame complex	
MESOZOIC	6 NORTH MOUNTAIN BASALT: basalt	
	5 BLOMIDON FORMATION: siltstone, arenaceous shale, minor sandstone and claystone	
	4 WOLFVILLE FORMATION: sandstone, conglomerate, siltstone and claystone	
	MISSISSIPPIAN	3 Horton Group
		2 SOUTHERN NOVA SCOTIA BATHOLITH: porphyritic granite
	PALEOZOIC	1a TORBROOK FORMATION (LOWER DEVONIAN)
		1b NEW CANAN FORMATION (UPPER SILURIAN)
		1c KENTVILLE FORMATION (UPPER SILURIAN)
		1d WHITE ROCK FORMATION (UPPER SILURIAN OR EARLIER)
		1e HALIFAX FORMATION (ORDOVICIAN)
1f GOLDENVILLE FORMATION (ORDOVICIAN OR EARLIER)		

Bedrock boundary (approximate, assumed) ..... X  
 Surficial deposit boundary (approximate) ..... S  
 Outcrop in area of weathered sandstone or outcrop used to locate bedrock boundary ..... X  
 Test hole location and number ..... O 16  
 Surficial deposit sieve sample ..... S  
 Roads ..... - - - - -  
 County line ..... - - - - -  
 Stream ..... - - - - -  
 Lake ..... - - - - -  
 Marsh or Swamp ..... - - - - -  
 Building ..... - - - - -  
 Dyke ..... - - - - -  
 Railways ..... - - - - -  
 Contour, interval 25 feet (21M) ..... - - - - -  
 Contour, interval 50 feet (21A) ..... - - - - -

Bedrock geology taken from maps by W. G. Smitheringale, 1960, D. G. Crosby, 1962, F. C. Taylor, 1962, L. J. Weeks, 1965, and from field work by P. C. Trescott, 1966.  
 Surficial geology mapped by P. C. Trescott, 1965 and 1966, with reference made to maps by L. C. Harlow and G. B. Whiteside, 1943, and C. F. Hickox, 1962.  
 Base maps compiled by the Cartographic Division, Nova Scotia Department of Mines from topographic maps on a scale of 1:50,000 of the National Topographic Series obtained from the Canada Department of Energy, Mines and Resources, Ottawa.

