

Sub-watershed 11R (Un-named)

General Discussion

This sub-watershed encompasses 0.56 are miles or 357.10 acres of land area, approximately 86% of the total study area. This basin is drained by 2.20 miles of tributaries (0.82% of the total length of all watershed tributaries) and contains no lakes or ponds. State records indicate no mining of any type, which we substantiated with our field investigations.

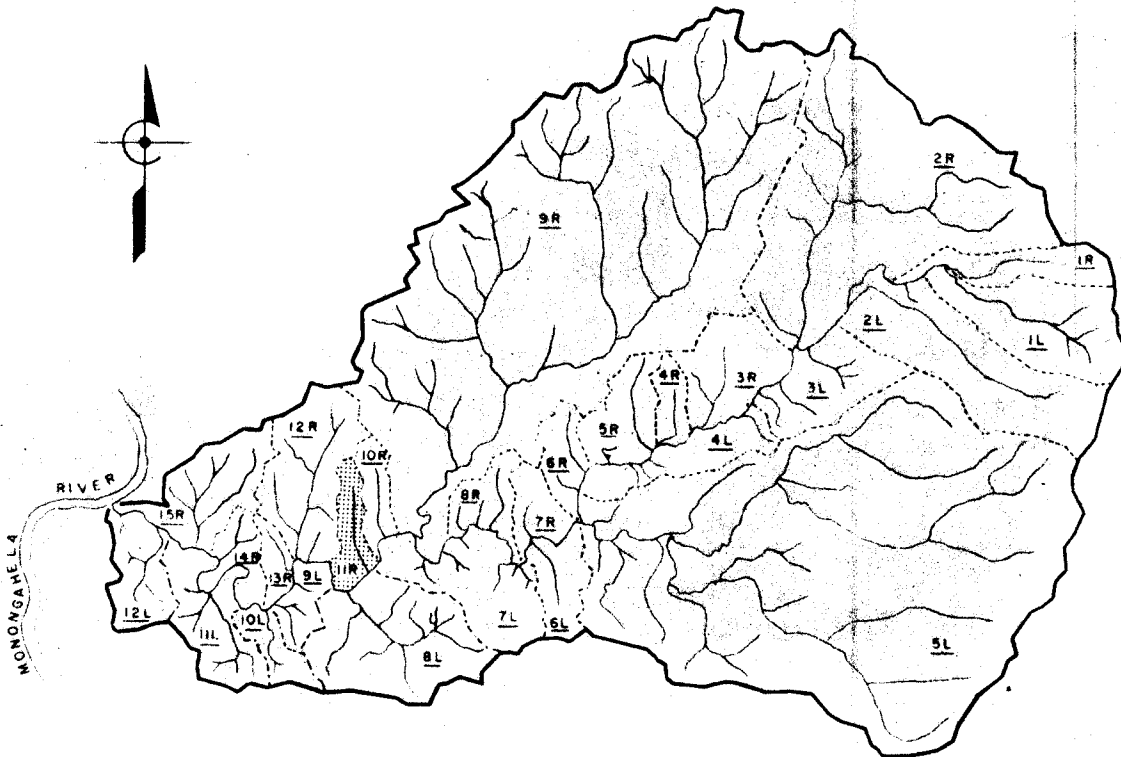
The following information gives the combined averages of the sampling stations designated as GC11R1 and GC11R3, both un-named. They are located on Drawing 7316-7, while the individual averages can be found in Table 91. In the case where more than one tributary contributes to a sub-watershed, the values have been combined. The percentages of pollution load and flow that this sub-watershed contributes to Monitoring Station GC8 near the mouth of Georges Creek: are also shown.

	<u>Averages</u>		<u>Percent of Total Watershed</u>	
pH	7.0			
Net Hot Acidity	0	PPD	0	%
ferrous Iron	0	PPD	0	%
Total Iron	10	PPD	0.34%	
Sulfate	26	PPD	0.04%	
Flow	60,480	GPD	0.10%	





TABLE 91
 TRIBUTARY AVERAGE WATER QUALITY DATA
 Sub-watershed
 11R

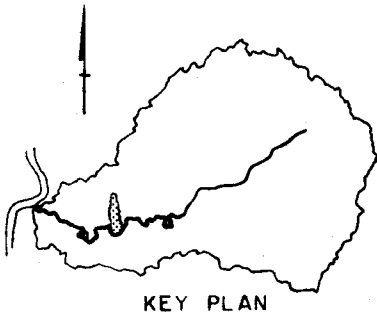
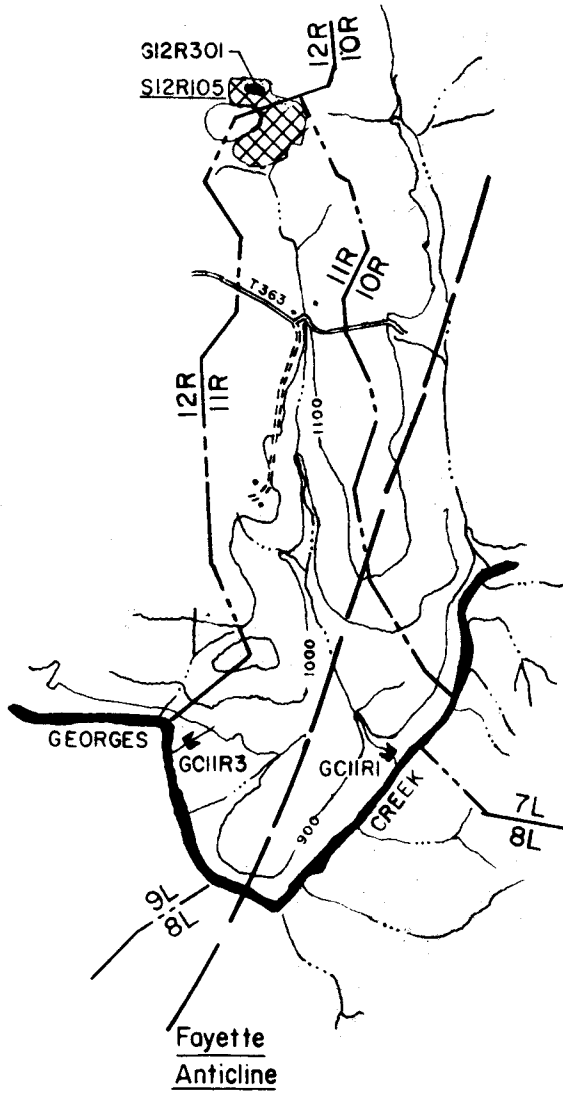
Station	pH	Hot Acid		Alkalinity		Net Hot Acid		Ferrous Iron		Iron as Fe		Sulfate		Flow	
		PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	GPM	G.P.D.
GC11R1	7.3	0	0	99.33	36.50	0	0	.10	0	.20	.06	48.67	20.30	35	50,400
GC11R3	6.7	4.57	.49	100.00	6.31	0	0	.0	0	127.78	9.22	44.43	5.10	7	10,080

Location Plan



LEGEND FOR THE FOLLOWING PLATES

- Y DEEP MINE OPENING (M9R59A)
- ▲ DEEP MINE PIPE (SAMPLE STATIONS - MP5L2A, or BH9R2)
- ⋈ WEIR (TRIBUTARY SAMPLE STATION - GC7L1)
- CROSS-SECTION (TRIBUTARY SAMPLE STATION - GC9R1)
- ⊙ GEORGES CREEK CROSS-SECTION (SAMPLE STATION - GC5)
-  STRIP MINE (ABANDONED-UNRECLAIMED - S11L102)
-  STRIP MINE (ACTIVE - S4R107)
-  STRIP MINE (ABANDONED-RECLAIMED - S7L106)
-  GOB PILE (G9R301)
- A, B, C UNDERLINED SUFFIX INDICATES FLOWING DEEP MINE SAMPLE STATIONS - M9R74A, B, C
- S7L101 UNDERLINE - INDICATES FLOWING STRIP MINE, GOB PILE, OR BORE HOLE SAMPLE STATION



MAP OF
SUB-WATERSHED IIR
 (UN-NAMED)
 SCALE: 1" = 2000'

KEY PLAN