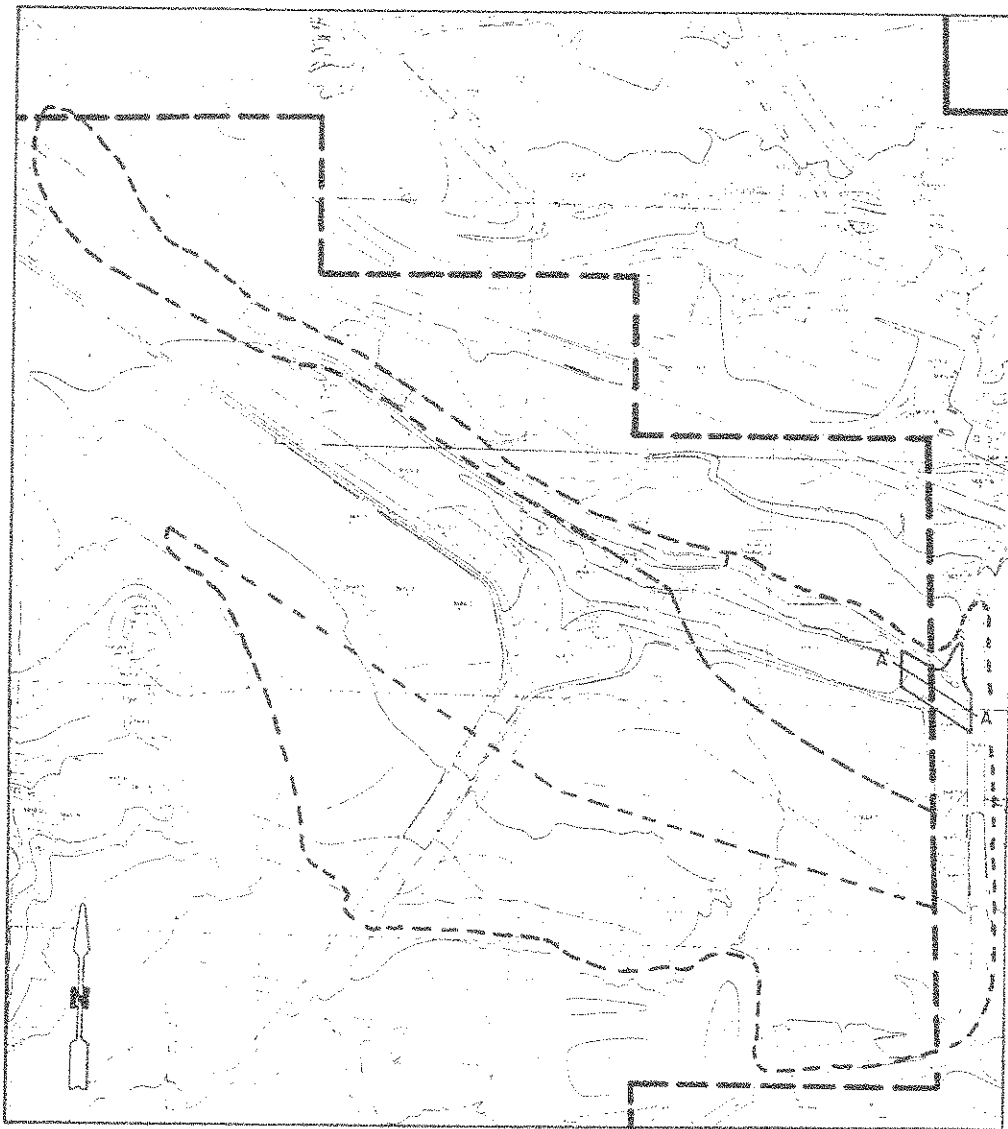
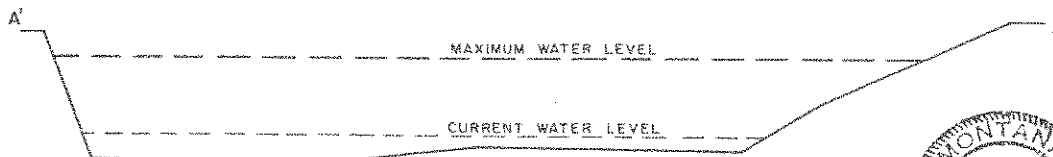


ATTACHMENT A



LOCATION MAP
SCALE: 1" = 500'



PROFILE
SCALE: Horizontal 1" = 50'
Vertical 1" = 10'



CAPACITY = 4.98 Ac.Ft.
CURRENT WATER LEVEL = 2'
RUNOFF AREA = 77.41 Acres
PRECIPITATION, 100 yr. - 24 hr. event = 3.35"
TOTAL RUNOFF = .68" from SCCC Permit Rule
26.4.304, Table 2.
RUNOFF VOLUME = .68" x 77.41 Ac. ÷ 12" = 4.39 Ac.Ft.
This is less than the capacity of 4.98 Ac.Ft.
REQUIRED SEDIMENT STORAGE VOLUME = 0.2 - 0.5 Ac.Ft./sq.mi./yr.
 $\frac{77.41 \text{ Ac.}}{640 \text{ Ac./sq.mi.}} \times 0.5 \text{ Ac.Ft./yr.} = .06 \text{ Ac.Ft./yr.}$

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS
CORRECT AND SHOWS TO THE BEST OF MY KNOWLEDGE AND
BELIEF ALL THE INFORMATION REQUIRED BY RULE 26.4.839

Ronald E. Destefano
RONALD E. DESTEFANO

Spring Creek Coal Co.			
POND No. 7			
PROFILE & RUNOFF AREA			
DESIGN	BY	DATE	2/17/88
SCALE	AS	FILE NUMBER	H-8801-B