



L

PORTAGE No 4 PUMP DATA

1-1000 GPM GOYNE 18x10x36 DUPLEX STEAM PLUNGER PUMP
 1-1500 GPM WARREN CENT. PUMP - 410' HEAD
 1-8" STEEL COLUMN PIPE IN BOREHOLE
 1-10" STEEL COLUMN PIPE IN BOREHOLE
 MAX. DISCHARGE - 837,000 GPD
 AVE " - 735,000 "
 MIN " - 630,000 "

K

BLUEBIRD PUMP STATION DATA

1-5000 GPM GOYNE CENT. PUMP - 207' HEAD
 1-3000 " " " " - 207 "
 1-10" DIA WOOD COLUMN PIPE - 3000 GPM PUMP
 1-16" " " " " - 5000 " "
 MAX FLOW - 3,900,000 GPD.
 AVE " - 2,250,000 "
 MIN " - 600,000 "

JOHNSTOWN COAL & COKE COMPANY
 DETAIL OF MINE DRAINAGE

STATIONS "L" & "K"
 SCALE 1"=100 Andrew B. Crichton July 1945
 Mining Engineer
 Johnstown Pa.