

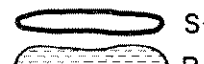
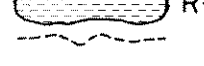
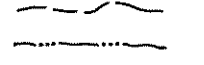
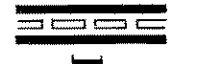

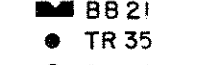





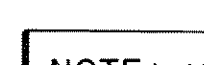
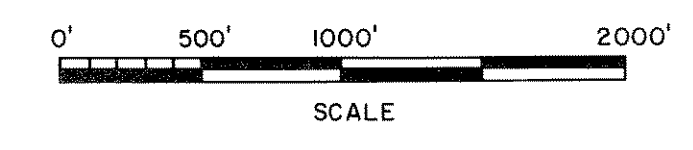
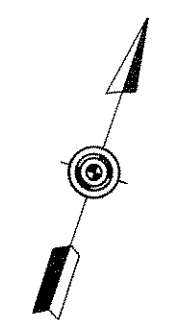
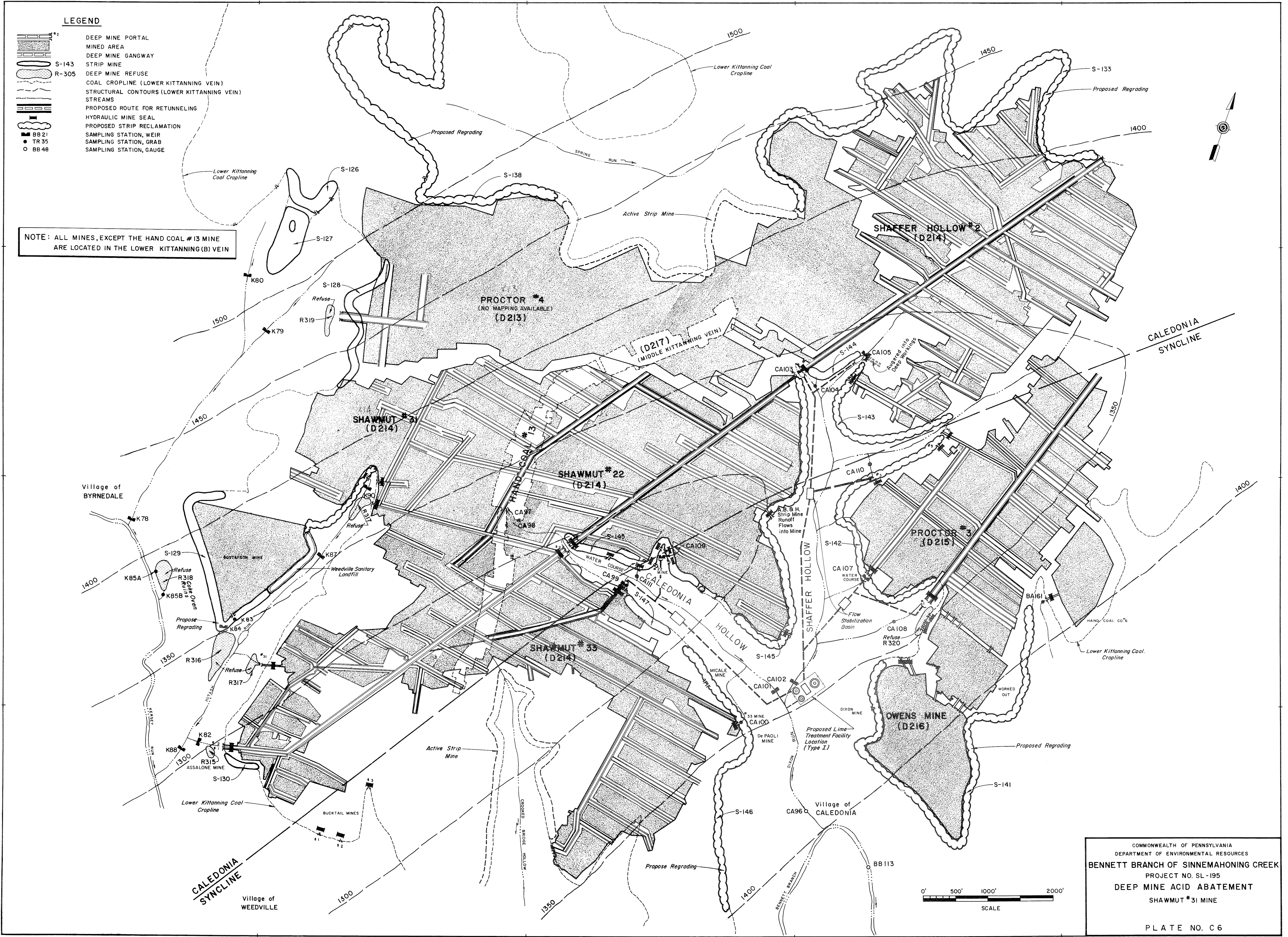


LEGEND

-  DEEP MINE PORTAL
-  MINED AREA
-  DEEP MINE GANGWAY
-  STRIP MINE
-  DEEP MINE REFUSE
-  COAL CROPLINE (LOWER KITTANNING VEIN)
-  STRUCTURAL CONTOURS (LOWER KITTANNING VEIN)
-  STREAMS
-  PROPOSED ROUTE FOR RETUNNELING
-  HYDRAULIC MINE SEAL
-  PROPOSED STRIP RECLAMATION
-  SAMPLING STATION, WEIR
-  SAMPLING STATION, GRAB
-  SAMPLING STATION, GAUGE

NOTE: ALL MINES, EXCEPT THE HAND COAL #13 MINE ARE LOCATED IN THE LOWER KITTANNING (B) VEIN



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL RESOURCES
BENNETT BRANCH OF SINNEMAHONING CREEK
 PROJECT NO. SL-195
DEEP MINE ACID ABATEMENT
 SHAWMUT #31 MINE
 PLATE NO. C 6