

- LEGEND:**
- 2200 SURFACE CONTOURS
 - 2200 STRUCTURE CONTOURS ON LOWER KITTANNING COAL
 - DEEP MINE WORKINGS
 - DH1 DRILL HOLE LOCATION
 - WATER SAMPLING POINT
 - CROSS SECTION ALIGNMENT (SLOPE MEASUREMENT)
 - LIMITS OF AFFECTED AREA
 - STRIKE AND DIP
 - GROUND WATER DIRECTION

BACKGROUND WATER QUALITY DATA

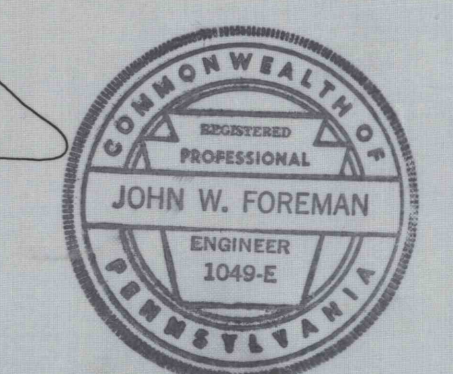
SAMPLE NO.	TYPE	FLOW(GPM)	SUR. ELEV.
1	POND IN STRIP CUT	N/A	2130
2	UNNAMED TRIB.-BRUBAKER RUN	20	2150
3	UNNAMED TRIB.-BRUBAKER RUN	15	2115
4	UNNAMED TRIB.-BRUBAKER RUN	35	1995
5	BRUBAKER RUN	2000	1935
* 6	BRUBAKER RUN	2000	1860
7	TUBB RUN	70	2220
8	UNNAMED TRIB.-TUBB RUN	50	2310
9	DEEP MINE DISCHARGE	2000	1870
10	UNNAMED TRIB.-BRUBAKER RUN	65	2220
11	UNNAMED TRIB.-BRUBAKER RUN	40	2242
* 12	UNNAMED TRIB.-BRUBAKER RUN	20	2335
13	UNNAMED TRIB.-BRUBAKER RUN	25	2235
* 14	DEEP MINE DISCHARGE	600	2240
15	BRUBAKER RUN	50	2060
* 16	UNNAMED TRIB.-BRUBAKER RUN	50	2060
* 17	BRUBAKER RUN	100	2030
* 18	DEEP MINE DISCHARGE	500	2240

* = MONITORING POINTS

NOTE: SEE ATTACHED SHEET FOR TEST HOLE DATA



EXHIBIT V
E. P. BENDER COAL CO.
 BITUMINOUS COAL STRIPPING OPERATION
 SITUATE
 DEAN TOWNSHIP, CAMBRIA COUNTY, PA.
 SCALE: 1" = 200' JANUARY 1979
 REV. FEB. 28, 1979
 GWIN, DOBSON & FOREMAN, INC.
 CONSULTING ENGINEERS
 ALTOONA, PENNSYLVANIA



J.W. Foreman