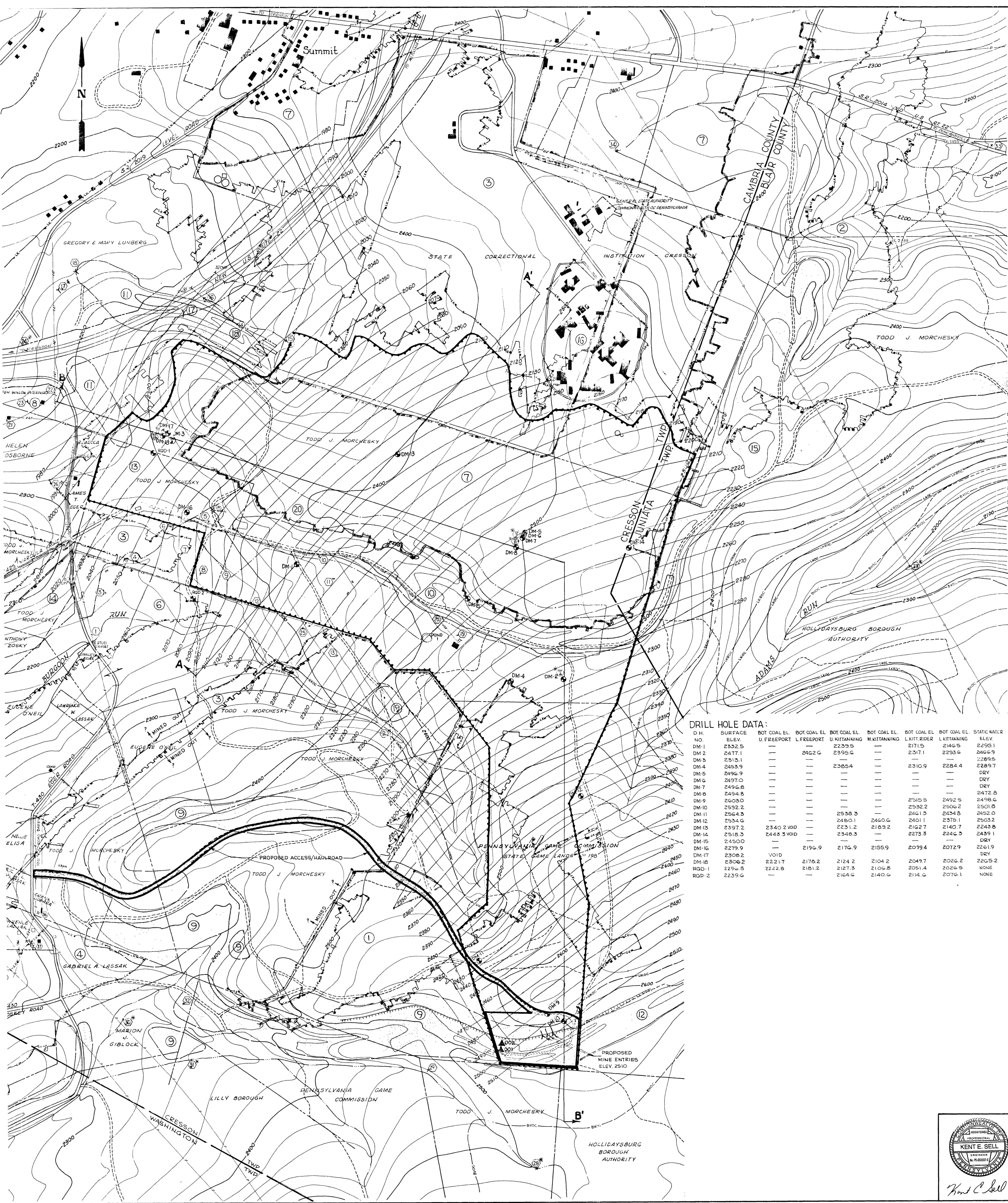




- LEGEND:**
- DWELLING - OWNER OCC. UNLESS OTHERWISE SHOWN
 - OUTBUILDING - GARAGE, BARN, ETC.
 - STREAM
 - DRILL HOLE LOCATION
 - WATER SAMPLE LOCATION
 - WELL LOCATION
 - SEEP LOCATION
 - OUTCROP - UPPER FREEPORT
 - OUTCROP - LOWER FREEPORT
 - OUTCROP - MIDDLE KITTANNING
 - OUTCROP - LOWER KITTANNING
 - OUTCROP - LOWER KITTANNING RIDER
 - OUTCROP - LOWER KITTANNING
 - OUTCROP - BROOKVILLE
 - INFERRED OUTCROP
 - STRUCTURE CONTOUR - BOT. L.K. SEAM
 - EXIST. DEEP MINE - UF
 - EXIST. DEEP MINE - LK
 - MINE I.D. NO'S (KEY TO MODULES 91, 92 & 93)
 - LIMITS OF ACTIVE SURFACE MINE PERMITS
 - EXIST. L.K. & L.K. HIGHWALL
 - NODES DISCHARGE POINT

WATER SAMPLES - BACKGROUND & MONITORING

NO	DESCRIPTION	SURF. ELEV.
1	BURGON RUN DOWN STREAM @ T-431	2202
2	BURGON RUN - UP STREAM	2350
3	COMBINATION OF 2 SEEPS	2240
4	SPRING	2245
5	TOE OF SPOIL DISCHARGE - UF	2290
6	SEEP FEEDING SMALL IMPOUNDMENT	2270
7	SPRING	2260
8	SPRING	2270
9	SPRING	2275
10	TOE OF SPOIL DISCHARGE - UF	2350
11	COMBINATION OF 2 SEEPS	2345
12	SPRING	2275
13	SPRING	2325
14	TOE OF SPOIL DISCHARGE - UF	2200
15	UNNAMED TRIB. N°1 - UPSTR. (LITTLE CONE MAUGH RIVER)	2255
16	UNNAMED TRIB. N°1 - DNSTR. (LITTLE CONE MAUGH RIVER)	2180
17	DEEP MINE DISCHARGE - UF	2143.7
18	DEEP MINE DISCHARGE - UF	2145
19	T. MORCHESKY - CAMP SPRING	2426.4
20	TOE OF SPOIL DISCHARGE - UF	2425
21	SPRING - ABANDONED	2175
22	DEEP MINE DISCHARGE - UF	2176.2
23	DEEP MINE DISCHARGE - UF	2156.7
24	DEEP MINE DISCHARGE - UF	2145
25	COMBINATION OF 2 SPRINGS	2315
26	JAMES T. EGER - WELL	2278.5
27	ADAMS RUN @ ELECT. LINE	2180
28	UNNAMED TRIB. N°1 - UPSTREAM (BEAR ROCK RUN)	2500
29	SPRING	2500
30	UNNAMED TRIB. N°2 TO BEAR ROCK RUN	2220
31	UNNAMED TRIB. N°1 - DNSTREAM (BEAR ROCK RUN)	2330
32	SPRING	2350
33	COMB. OF DEEP MINE / SPRING	2100
34	SPRING	2396
35	BOREHOLE, DEEP MINE DISCHARGE - LK	1660
36	DM-21 UPGRADIENT PIEZOMETER @ L.K. COAL HORIZON	2480.0
37	DM-31 DOWNGRADIENT PIEZOMETER, SHALLOW GROUND WATER	2316.3
38	DM-7 UPGRADIENT PIEZOMETER @ U.F. COAL HORIZON	2496.9
39	DM-8 UPGRADIENT PIEZOMETER, SHALLOW GROUND WATER	2496.7
40	DM-17 DOWNGRADIENT PIEZOMETER @ U.F. COAL HORIZON	2311.1
41	DM-18 DOWNGRADIENT PIEZOMETER @ L.K. COAL HORIZON	2029.4
42	FRANK J. JUBARA - WELL	2330
43	LAWRENCE W. LASSAK - WELL	2310
44	TODD MORCHESKY - WELL	2435

NOTE

1. SEE EXHIBIT B.3 FOR LOCATION OF SAMPLE POINT 35 AND ESTIMATED LOWER KITTANNING MINE POOL LEVEL.

2. GAS WELL DRILLED BY EPI DRILLING, 444 FREDERICK AVE PERMITTED DEPTH - 5400' GAITHERSBURG MD. 20817 WELL ABANDONED DATE DRILLED - 9/87 PERMIT #021-2076

DRILL HOLE DATA:

D.H. NO.	SURFACE ELEV.	BOT. COAL EL. U. FREEPORT	BOT. COAL EL. L. FREEPORT	BOT. COAL EL. U. KITTANNING	BOT. COAL EL. M. KITTANNING	BOT. COAL EL. L. KITT. RIDER	BOT. COAL EL. L. KITTANNING	STATIC WATER ELEV.
DM-1	2332.5	—	—	2239.5	—	2171.5	2146.5	2295.1
DM-2	2477.1	—	2462.6	2395.6	—	2317.1	2293.6	2466.9
DM-3	2313.1	—	—	—	—	—	—	2289.5
DM-4	2453.9	—	—	2365.4	—	2310.9	2284.4	2289.7
DM-5	2496.9	—	—	—	—	—	—	DRY
DM-6	2437.0	—	—	—	—	—	—	DRY
DM-7	2496.8	—	—	—	—	—	—	DRY
DM-8	2494.8	—	—	—	—	—	—	2472.8
DM-9	2603.0	—	—	—	—	2515.5	2492.5	2498.6
DM-10	2592.2	—	—	—	—	2532.2	2506.2	2501.8
DM-11	2564.3	—	—	2558.3	—	2461.3	2434.8	2452.0
DM-12	2534.6	—	—	2480.1	2460.6	2401.1	2375.1	2503.2
DM-13	2397.2	2340.2 VOID	—	2231.2	2189.2	2162.7	2140.7	2243.8
DM-14	2518.3	2448.3 VOID	—	2348.3	—	2273.3	2246.3	2439.1
DM-15	2450.0	—	—	—	—	—	—	DRY
DM-16	2279.9	—	2196.9	2176.9	2155.9	2099.4	2072.9	2261.9
DM-17	2308.2	VOID	—	—	—	—	—	DRY
DM-18	2306.2	2221.7	2178.2	2124.2	2104.2	2049.7	2026.2	2265.2
ROD-1	2296.8	2222.8	2181.2	2127.3	2106.8	2051.4	2026.5	NONE
ROD-2	2239.6	—	—	2164.6	2140.6	2114.6	2076.1	NONE

5820 AC. - UNDERGROUND PERMIT AREA
200 AC. - SURFACE SUPPORT AREA

SOAP PROJECT N° 1076
EXHIBIT 19.2
ENVIRONMENTAL RESOURCES MAP

T. J. S. MINING, INC.
BITUMINOUS DEEP MINE OPERATION
MORNINGSTAR MINE
CMAP #11971301
SITUATE

CRESSON TWP., CAMBRIA CO. & JUNIATA TWP., BLAIR CO., PA.

SCALE 1" = 400'
MINETECH ENGINEERS
ALTOONA, PENNSYLVANIA

DATE APR 9 2001

Kent E. Sell
PROFESSIONAL ENGINEER
No. 105501 E