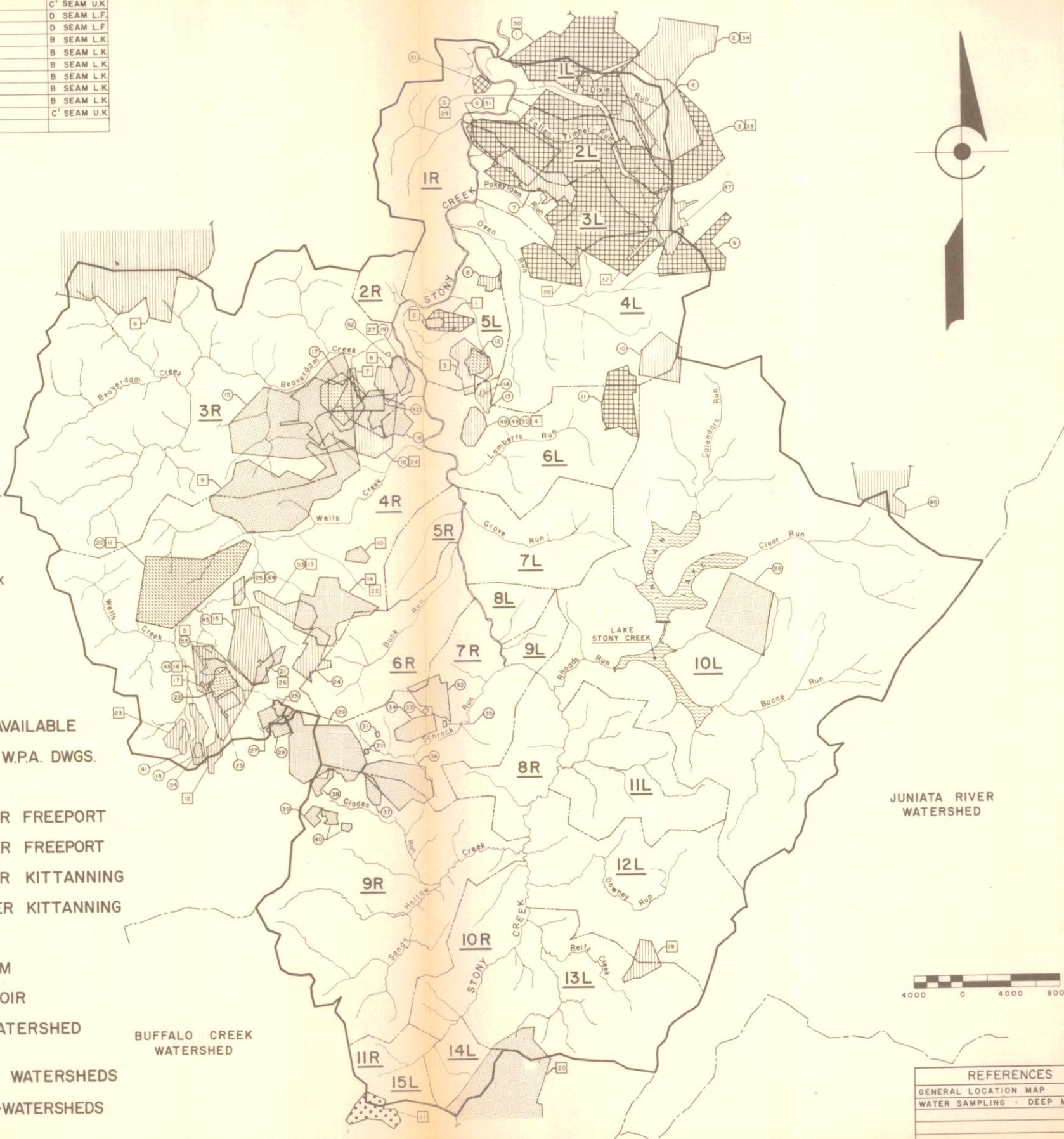


DEEP MINE NO.	OPERATOR	MINE NAME &/OR NUMBER	SEAM WORKED
23	LISTIE COAL CORP.		C' SEAM U.K.
24	READING IRON COMPANY	MINE NO. 3	C' SEAM U.K.
25	SOMERSET & CAMBRIA SMOKELESS COAL CO.		C' SEAM U.K.
26		STAUFFER MINE NO. 3	D SEAM L.F.
27	ROYAL QUEMAHONING COAL COMPANY	MINE NO. 2	B SEAM L.K.
28		RALPHTON NO. 15	B SEAM L.K.
29		KNICKERBOCKER NO. 1	B SEAM L.K.
30		KNICKERBOCKER NO. 2	B SEAM L.K.
31		KNICKERBOCKER NO. 3	B SEAM L.K.
32		KNICKERBOCKER NO. 4	B SEAM L.K.
33		ELMA NO. 1	B SEAM L.K.
34		ELMA NO. 3	C' SEAM U.K.

- LEGEND**
- DEEP MINE MAPS AVAILABLE
 - DEEP MINES FROM W.P.A. DWGS.
 - ▨ SEWICKEY SEAM
 - ▨ E-SEAM (U.F.) - UPPER FREEPORT
 - ▨ D-SEAM (L.F.) - LOWER FREEPORT
 - ▨ C'-SEAM (U.K.) - UPPER KITTANNING
 - ▨ B-SEAM (L.K.) - LOWER KITTANNING
 - MAIN STREAM
 - TRIBUTARY STREAM
 - DAM AND RESERVOIR
 - STONY CREEK WATERSHED BOUNDARY LINE
 - OTHER ADJOINING WATERSHEDS
 - STUDY AREA SUB-WATERSHEDS BOUNDARY LINE



DEEP MINE NO.	OPERATOR	MINE NAME &/OR NUMBER	SEAM WORKED
1		KNICKERBOCKER NO. 2	B SEAM L.K.
2	BAKER WHITELY COAL MINING COMPANY	ELMA NO. 3	C' SEAM U.K.
3	BAKER WHITELY COAL MINING COMPANY	ELMA NO. 1 & NO. 2	B SEAM L.K.
4	GEORGE HRITZ	HRITZ MINE	C' SEAM U.K.
5	A.M. & K. CORPORATION	KNICKERBOCKER NO. 1, 3 & 4	B SEAM L.K.
6	A.M. & K. CORPORATION	KNICKERBOCKER NO. 3	C' SEAM U.K.
7	SOLAR FUEL COMPANY	SOLAR MINE	C' SEAM U.K.
8	BERKEBILE BROTHER COAL COMPANY		C' SEAM U.K.
9	BAHORIK COAL COMPANY	BAHORIK NO. 1	B SEAM L.K.
10	JOHN TOTH COAL COMPANY	MINE NO. 2	C' SEAM U.K.
11	DELTA MINING INCORPORATED		B SEAM L.K.
12	VERNON P. PAUL		E SEAM U.F.
13	SWANK COAL COMPANY		C' SEAM U.K.
14	QUEMAHONING VALLEY COAL COMPANY		D SEAM L.F.
15	ATLANTIC COAL AND COKE COMPANY	VULCAN NO. 1	D SEAM L.F.
16	READING IRON COMPANY	MINE NO. 3	C' SEAM U.K.
17	READING IRON COMPANY	MINE NO. 4	E SEAM U.F.
18	FLICK COAL COMPANY	MINE NO. 4	D SEAM L.F.
19	ROYAL QUEMAHONING COAL COMPANY		D SEAM L.F.
20	STAUFFER QUEMAHONING COAL COMPANY	STAUFFER MINE NO. 1	E SEAM U.F.
21	BOSWELL BRANCH COAL COMPANY	BOSWELL BRANCH MINE NO. 1 & 2	E SEAM U.F.
22	STAUFFER QUEMAHONING COAL COMPANY	STAUFFER MINE NO. 3	D SEAM L.F.
23	WILLIAM AUST		E SEAM U.F.
24	CITY COAL COMPANY		C' SEAM U.K.
25	TRENT COAL COMPANY		C' SEAM U.K.
26	ELDORA LAND COMPANY		D SEAM L.F.
27	G.M. & W. COAL COMPANY, INC.		D SEAM L.F.
28	DONALD SVONAVEC COAL CO.	MINE NO. 9 & 19	D SEAM L.F.
29	T. LUCE & W. KOWALESKI	MINE NO. 22	D SEAM L.F.
30	CAMBRIA FUEL COMPANY	NO. 14, 14-A, 15 & 18	D SEAM L.F.
31	CAMBRIA FUEL COMPANY		D SEAM L.F.
32	CAMBRIA FUEL COMPANY	NO. 12	D SEAM L.F.
33	D. & J. SVONAVEC COMPANY INC.	NO. 27	D SEAM L.F.
34	CAMBRIA FUEL COMPANY	NO. 9	D SEAM L.F.
35	CAMBRIA FUEL COMPANY	NO. 3, 6, 7 & 8	D SEAM L.F.
36	CAMBRIA FUEL COMPANY	NO. 10	D SEAM L.F.
37	CAMBRIA FUEL COMPANY	NO. 4	D SEAM L.F.
38	RICE & SCHROCK COAL CO.	NO. 3	D SEAM L.F.
39	EVERETT R. SNYDER	SNYDER NO. 18 MINE	D SEAM L.F.
40	CHARLES H. BURK JR.		D SEAM L.F.
41	RICE COAL COMPANY	MINE NO. 5 & 6	D SEAM L.F.
42	GILMOUR & JONES COAL COMPANY		C' SEAM U.K.
43	FLICK COAL CO.	READING MINE NO. 5	D SEAM L.F.
44	LISTIE COAL CO.	LISTIE MINE	C' SEAM U.K.
45	SOMERSET & CAMBRIA SMOKELESS C.C.		C' SEAM U.K.
46	MEYERSDALE COAL CO.	WELLS CREEK MINE	C' SEAM U.K.
47	P.B.S. COALS INC.	SHADE NO. 1 MINE	C' SEAM U.K.
48	SOLAR FUEL COMPANY	SOLAR NO. 3	C' SEAM U.K.
49	ALUMBAUGH COAL COMPANY	MINE NO. 1	C' SEAM U.K.
50		LAMBERTS MINE	C' SEAM U.K.
51		SANNER MINE NO. 1	C' SEAM U.K.
52	FEDERAL COAL COMPANY		B SEAM L.K.
53		FLICK MINE	D SEAM L.F.
54	BUTERBAUGH & ADAMS MINING COMPANY		C' SEAM U.K.
55	LISTIE COAL COMPANY	LOUISE MINE	D SEAM L.F.
	JOHNSTOWN & SOMERSET COAL CO.	MINE NO. 1 & NO. 2	D SEAM L.F.
1	QUEMAHONING COAL COMPANY	MINE NO. 8 & 9	B SEAM L.K.
2		BOWMAN NO. 1	C' SEAM U.K.
3		ROY NO. 7	C' SEAM U.K.
4		SANNER NO. 1	C' SEAM U.K.
5	JOHNSTOWN & SOMERSET COAL CO.		D SEAM L.F.
6	QUEMAHONING COAL COMPANY		C' SEAM U.K.
7		READING MINE NO. 5	D SEAM L.F.
8	ROYAL QUEMAHONING COAL COMPANY	HITE NO. 1 & 2	C' SEAM U.K.
9		VULCAN SLOPE NO. 1	D SEAM L.F.
10		OLIVER NO. 2 & 3	D SEAM L.F.
11		LISTIE MINES NO. 1 & 4	E SEAM U.F.
12		BINGLER MINE	C' SEAM U.K.
13		ADAMS MINE	C' SEAM U.K.
14		ADAMS MINES NO. 2 & 3	D SEAM L.F.
15		WELLS CREEK MINE	C' SEAM U.K.
16	CONSOLIDATION COAL CO.	MINE NO. 115	C' SEAM U.K.
17		BARROWS NO. 1	D SEAM L.F.
18		LOUISE MINE NO. 1 & 2	C' SEAM U.K.
19		SHIPLEY MINE NO. 1	C' SEAM U.K.
20		PENMAR NO. 2, 3, 4 & 5	D SEAM L.F.
21		JOHN REAM MINE	SEWICKLEY
22		ROY MINE NO. 1	D SEAM L.F.

STONY CREEK WATERSHED

SCALE: AS SHOWN	PREPARED FOR: PROJECT SL-179	PREPARED BY: J.A.P.
DATE: DEC. 28, 1972	COMMONWEALTH OF PENNA.	DRAWN BY: J.M.H.
	DEPT. OF ENVIRONMENTAL RESOURCES	

DEEP MINE LOCATION

SUBMITTED BY:	CARSON ENGINEERS	DRAWING NO. 7119-9
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REFERENCES	DWG. NO.
GENERAL LOCATION MAP	7119-1
WATER SAMPLING - DEEP MINES	7119-7