

LEGEND

WATER QUALITY PERMIT	615AC		MINE SUBSIDENCE BOUNDARY
MINING BARRIER			
OCCUPIED DWELLINGS			
UNOCCUPIED DWELLINGS			
50% MINING BARRIER			
SANDSTONE ROLL			
ACTIVE & ABANDONED SURFACE MINES			
KEY NO. TO INDIVIDUAL SURFACE OWNERS	(35)		
STRUCTURAL CONTOUR (Lower Freeport Coal Seam)	1100 COAL		
DRILL HOLE			
MONITORING POINT			
LOWER FREEPORT COAL SEAM OUTCROP			
GEOLOGIC CROSS SECTIONS			
PERMANENT CLOSURE SEALS			
BACKGROUND SAMPLE			
PRIVATE WATER SUPPLY			

MONITORING PLAN
 RECEIVING STREAMS: # 1, 2, 3, 4
 PRIVATE WATER SUPPLY: # 27, 40, 43, 41, 42, 13

DRILL HOLE DATA SUMMARY

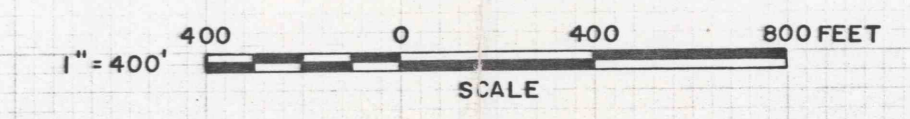
HOLE NO.	SURFACE ELEV.	OVERBURDEN THICKNESS	COAL THICKNESS	ELEV. AT BOTTOM OF COAL
DA-1	1789'	—	NO COAL	—
DA-2	1790'	—	NO COAL	—
DA-3	1795'	80'	36" (L.F.)	1712'
DA-4	1783'	—	NO COAL	—
DA-5	1789'	—	NO COAL	—
DA-6	1827'	104'	18" (L.F.)	1721.5'
DA-7	1826'	—	NO COAL	—
DA-8	1680'	—	NO COAL	—
DA-9	1688'	86'	36" (L.K.)	1599'
DA-10	1715'	—	NO COAL	—
DA-11	1788'	—	NO COAL	—
DA-12	1735'	148'	18" (L.F.)	1585.5'

- INDEX TO SMALL PARCEL OWNERS**
- Kniseley Coal Co. - S. & M.
 - Virginia M. & Melvin Himes - S. & M.
 - Gary M. & Gale L. Rhodes - S. & M.
 - Hemlock Grange # 1341 - S. & M.
 - Kenneth E. & Gloria M. Wright - S. & M.
 - James M. & Pamela F. Heltzer - S. & M.
 - John P. & Hallie McFadden - S., David H. & Cristal L. Blakeslee - M.
 - United Brethren Cemetery - S. & M.
 - Kniseley Coal Co.
 - William B. & Blanche M. Rhodes
 - Richard G. & Dorris J. Allison
 - Dean P. Shaffer
 - Amanda L. Shaffer
 - Samuel A. & Barbara A. Gresock
 - Nicholas & Jane Ann Spak
 - Clair C. Jr. & Barbara A. Anthony
 - Robert E. Blair
 - Constance M. Carlson
 - Donald L. & Jacquelyn D. Lukehart
 - Clifford A. Long
 - Robert B. Blair
 - Donald J. & Merry Jo Walte
 - Garry L. & Dorothy Grusky
 - Robert E. Tokesh, Jr.
 - Harold & Pauline Himes
 - Susan J. & John Adams
 - Harry E. & Regina M. Cable
 - Benjamin F. & Dorothy L. Ramsey
 - Benjamin F. Ramsey
 - Howard B. North
 - Miles Young
 - Larry B. Antoinette Smetko
 - Kenneth C. & Linda L. Jacobson
 - Kathryn Jacobson
 - Rodney B. & Terri L. Rhodes

AREA PREVIOUSLY PERMITTED NOW DELETED

NEW AREAS ADDED TO THE PERMIT LIMITS

	Year 1
	Year 2
	Year 3
	Year 4
	Year 5



NOTES:

- This map has been prepared from county tax maps, deed & field markers. This does not represent an actual survey of property.
- Contours and natural features were taken from an enlarged 7.5 min. Reynoldsville quadrangle.

APPROVED: _____ **DATE:** _____

REVISIONS:

NO.	DATE	BY	REASON
1	1-21-73	S.G.B.	

SCALE: 1" = 400'

OPERATION PLAN

MINE DEVELOPMENT

EXISTING DEEP MINE

KNISELEY COAL COMPANY

KNISELEY NO. 10 MINE

MCCALMONT TWP. JEFFERSON CO.