

ROCK SEQUENCE

ROCK AGE UNIT	TYPICAL ROCK SEQUENCE	INFORMATION
CONEMAUGH GROUP	UPPER FREEDPORT COAL UPPER FREEDPORT SANDSTONE UPPER FREEDPORT SHALE	UPPER FREEDPORT COAL UPPER FREEDPORT SANDSTONE UPPER FREEDPORT SHALE
JENNERSTOWN COALS	UPPER FREEDPORT COAL UPPER FREEDPORT SANDSTONE UPPER FREEDPORT SHALE	UPPER FREEDPORT COAL UPPER FREEDPORT SANDSTONE UPPER FREEDPORT SHALE

THE CONEMAUGH GROUP
(VERT. SCALE 1"=100')

ROCK SEQUENCE

ROCK AGE UNIT	TYPICAL ROCK SEQUENCE	INFORMATION
ALLEGHENY GROUP	UPPER FREEDPORT COAL UPPER FREEDPORT SANDSTONE UPPER FREEDPORT SHALE	UPPER FREEDPORT COAL UPPER FREEDPORT SANDSTONE UPPER FREEDPORT SHALE
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THE ALLEGHENY GROUP
(VERT. SCALE 1"=100')

JENNERSTOWN COALS

GROUP	SEAM	ABBREV.	LOCAL NAME	AVERAGE THICKNESS
CONEMAUGH	MAHONING	MA		40'
	UPPER FREEDPORT	UF	E	80'
	LOWER FREEDPORT	LF	D	40'
	UPPER KITTANNING RIDER	K.R.	-	10'
ALLEGHENY	UPPER KITTANNING	UK	C	40'
	MIDDLE KITTANNING	MK	C	40'
	LOWER KITTANNING RIDER	LK	-	10'
	LOWER KITTANNING (UPPER BENCH)	LK	B	5'-2"
BROOKVILLE	CLARION	CL	A'	40'
	CLARION	CL	A'	40'
	BROOKVILLE	BR.	A	20'

STRIP AREAS

	Clean Tons (000)	Clean Consol Tons (000)	Yd ³ O.B.	Ratio
Roytown	6,784.7	4,696.9	153,212.9	22.6
Ratio < 30:1	5,867.6	5,245.2	188,144.2	32.1
Subtotal	12,652.3	9,942.1	341,357.1	27.0
Enoch	16,940.7	15,359.1	348,197.5	20.5
Laurel Hill Creek Watershed	3,440.6	3,440.6	114,528.3	33.3

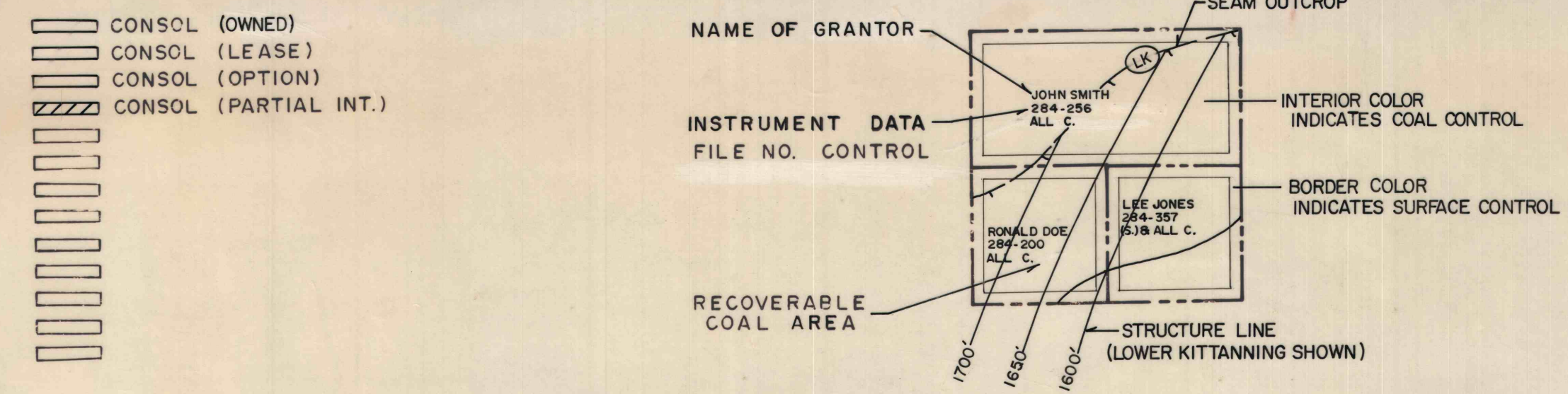
1.50 S. G. FLOAT QUALITY BY MINING AREA

STRIP AREAS

Seam	Roytown Strip					
	Raw Sp. Gr.	Yield	Ash	Sulfur	B.T.U.	Volatile
UP	1.49	68.50	8.87	.69	14,245	21.99
LP	1.51	53.40	9.17	1.08	14,184	23.78
UK	1.45	72.27	9.50	1.38	14,158	23.11
MK	1.41	70.17	7.49	1.13	14,528	22.23
LK	1.47	62.57	9.75	1.80	14,120	20.29

Seam	Enoch Strip					
	Raw Sp. Gr.	Yield	Ash	Sulfur	B.T.U.	Volatile
UP	1.43	78.29	9.13	1.07	14,235	21.37
LP	1.45	73.63	10.29	1.46	14,054	23.90
UK	1.46	74.20	10.54	1.35	13,972	20.75
MK	1.40	63.18	9.68	1.67	13,812	17.72
LK	1.45	62.50	9.50	1.78	14,207	18.50

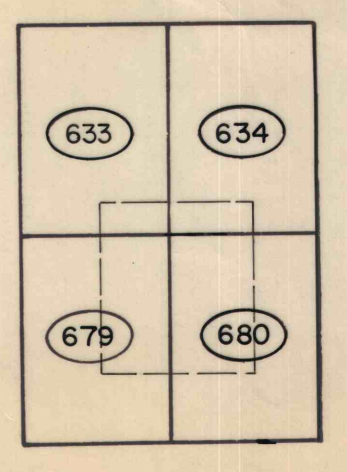
LEGEND



THIS MAP WAS COMPILED FROM LAND DEPARTMENT RECORDS. BASE WAS ENLARGED FROM 7.5 MIN. USGS. TOPO MAP.

THE GEOLOGY WAS COMPILED FROM CONSO DRILLING DATA AND FIELD OBSERVATIONS.

DRAWN BY: WASHBROOK DATE: JUNE 6, 1978



PROPERTY MAP INDEX

- CORE HOLE (SURVEYED)
- ROTARY HOLE (SURVEYED)
- CORE HOLE (NOT SURVEYED)
- ROTARY HOLE (NOT SURVEYED)
- ELECTRIC LOG
- DRILLERS LOG
- GAS & OIL WELLS

CONSOLIDATION COAL COMPANY
JENNERSTOWN PROJECT
SUMMARY MAP

ROYTOWN & ENOCH STRIP AREAS

SCALE: 1"=1000'
CONTOUR INTERVAL 20'
PREPARED BY: C. YURCHICK
DATE: MAY 26, 1978