

PHASE I SUBSURFACE INVESTIGATION

HOLE I.D.	SURF. ELEV.	ELEV. BOT. OF HOLE	HORIZON @ HOLE COMP.	DRILLING FOOTAGES			CASING		
				INCH CORE	OVERBURDEN DRILLING	6" AIR ROTARY	CABLE TOOL REAM.	MONIT. WELLS	BIG BERTHA
C-1	1224.99	757.49	BURSOON SS	467.50	0	14			
R-1	1224.99	1219.35	BROOKVILLE COAL		0	0	0	0	0
BIG BERTHA	1220	920	BURSOON SS				300	56	50' w/ GATE VALVE & GAGE
R-2	1224.99	1111.99	BURSOON SS			10	0	183	185
R-3	1294.99	1144.99						150	152
R-1A	1524.35	1221.35						303	0
R-1B	1524.35	1219.35						305	308
TOTAL				263.50	14	1246	56	643	50' w/ GATE VALVE & GAGE

Note: C-1 is Core Hole. All other are Air Rotary.



- LEGEND**
- ▲ NATIONAL FUEL DIST. CO.
MR. L. E. BLAUSER
P.O. BOX 59, RD. 1
CLARION, PA. 16214
PHONE 814-764-5134
 - WEST PENN. POWER CO.
MR. R. E. HIME
P.O. BOX 471
BUTLER, PA. 16001
PHONE 412-282-6000
 - 1400 SURFACE CONTOUR
 - - - 1235 COAL CONTOUR (BROOKVILLE)
 - APPROX. COAL OUTCROP
 - APPROX. DEEP MINING LIMITS
 - APPROX. STRIP MINING LIMITS
 - EXISTING ACCESS ROAD TO BE UTILIZED
 - PROP. ACCESS ROAD TO BE CONSTRUCTED
 - PROPERTY LINE
 - DRILL HOLE LOCATIONS
 - SAMPLE LOCATIONS

NO.	DATE	REVISION	APPR.
1		As Drilled	
APPROVED: <i>John W. Foreman</i>			
APPROVED: <i>Andrew C. Friedrich</i>			
APPROVED: <i>John E. McSparran P.E.</i>			



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

SUBSURFACE EXPLORATION
HAMILTON NO. 3 MINE
WASHINGTON TOWNSHIP
BUTLER COUNTY

PROJECT NO. 110-7-101.5

DRILL HOLE DETAIL PLAN
& DRILLING SUMMARY

GWIN, DOBSON & FOREMAN, INC.
CONSULTING ENGINEERS
ALTOONA PENNSYLVANIA

DRAWN BY L.B.B.	DATE JULY 1, 1980	DRAWING NO. 3
CHECKED BY M.V.G.	SCALE 1"=400'	

CWB-000-11