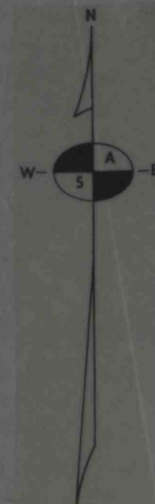




TEST HOLE DATA

T.H. NO.	SURFACE	BOT. L.F. COAL	BOT. U.F. COAL
H-1	1968.8	1942.0	1963.7
H-3	1948.6	1938.9	—
H-4	1950.3	1939.3	—
H-5	1950.6	1938.1	—
H-8	1947.6	1939.8	—
H-9	1972.3	1945.4	1967.3
H-10	1984.8	1943.5	—
L-1	1952.1	1947.9	—
L-5	1990.5	1943.9	—
L-6	1980.1	1932.9	—
M-1	1970.5	1930.3	—
P-2	1970.3	1947.5	1960.4
P-3	1976.7	1948.4	—
P-5	1966.3	1945.6	1957.3
P-8	1963.8	—	1950.0
P-9	1957.0	—	1946.7
P-12	1973.0	—	1945.4



NOTE:
TEST HOLE DATA AT THE U.F. COAL INSUFFICIENT TO DETERMINE THE STRIKE & DIP. THE STRIKE & DIP OF THE U.F. COAL SHOULD BE COINCIDENT WITH THE L.F. COAL.



WATER DATA

SAMPLE	SURF. ELEV.	FLOW	DATE
"A" U.T.B.	1820 ±	62 G.P.M.	4/21/82
"B" U.T.B.	1905 ±	16 G.P.M.	"
"C" U.T.B.	1900 ±	0 G.P.M.	"
"D" U.T.B.	1870 ±	178 G.P.M.	"
"E" PIT WATER	1960 ±	DEEP	"
SPRING @ HSE #1	1905 ±	N/A	"

NOTE:
SAMPLE POINTS "A", "B", "C", "D", WELLS @ HOUSES #2-5-13, RAW PIT WATER, & TREATED DISCHARGES ARE PROPOSED MONITORING POINTS.

OPERATION DATA

WATER PERMIT NO.
STRIP PERMIT NO.
STARTED
COMPLETED

SURVEYED 5/13/82
AFFECTED —
BACKFILLED —
PLANTED —
BONDED 18.5 AC.
4.1 AC. @ 1000/AC.
14.4 AC. @ 3000/AC.
18.5 AC. @ 50/AC.

NOTE:
MINING OPERATOR TO VERIFY LOCATION, DEPTH & HEIGHT OF ALL UTILITIES BEFORE THE MINING OPERATION BEGINS.

REVISED: 8/1982

EXHIBIT NO. 5
"HAAG MINE"

P & J COAL CO. INC.
P.O. BOX NO. 332 PUNXSUTAWNEY, PA. 15767
BANKS TOWNSHIP, INDIANA COUNTY, PA.

E. E. SHANNON & ASSOCIATES, PITTSBURGH, PA.

DRAWN BY: D.B.D. DATE: DEC., 1981
SCALE: 1" = 400' SHEET NO.: C-973