

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5

STREET Alley Between mill and CAROL STs Rear House NO 143

DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 51 DRILLED MAR 28 1979

DRILLED BY Empire Contracting Co. Surface Elevation 647.78
640

LAT. DEP.	STRATA	PIPE DIA. INSTALLED		DRILLED		TOTAL		VEIN ELEVATION	NAME OF VEIN
		IN	FT	IN	FT	IN	FT		
	SURFACE-SAND				29	0	29	0	
	SOFT-ROCK				4	0	33	0	
	HARD ROCK				8	0	41	0	
	COAL				3	0	44	0	
	OPEN				8	0	52	0	checker vein
	HARD ROCK				53	0	105	0	
	LOOSE BROKEN ROCK				16	0	121	0	PITSTON vein
	HARD ROCK				44	0	165	0	
	COAL				10	0	175	0	472.78 MARCy vein
	HARD-BOTT. ROCK				2	0	177	0	
	CASING	8"	33	0					
	CASING	6"	95	0					\$ 2,139.00

REMARKS UPDRIFT
PAY 33' 8" DRILLING PAY 144' 6" DRILLING
PAY 33' 8" CASING PAY 95' 6" CASING

MACHINE NO. CP-7000 DRILLER D. PISANO

BIT NO. _____

TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Alfred H. Turley

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL 470-101.5
 STREET House No 97 CARROL STREET
 DESCRIPTION Drilling Exploratory Borehole
 BOREHOLE NO. 52 DRILLED MAR 14 1979
 DRILLED BY Empire Contracting Co. Surface Elevation 660.25

DEPTH AT	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
	IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
STRATA										
				40	0	40	0			
SURFACE SAND				4	0	44	0			
SOFT ROCK				28	0	72	0			
HARD ROCK				71	0	83	0			CHECKER VEIN
COAL				59	0	142	0			
HARD ROCK				11	0	153	0			PITSTON VEIN
BROKEN LOOSE ROCK				39	0	192	0			
HARD ROCK				10	0	202	0	458.25		MARCY VEIN
COAL				2	0	204	0			
HARD BOTTL ROCK										
CASING	8"	44	0							
CASING	6"	132	0							\$ 2,660.00

REMARKS UPDRAFT
PAY 44' 8" DRILLING PAY 160' 6" DRILLING
PAY 44' 8" CASING PAY 132' 6" CASING
 MACHINE NO. CP 7000 DRILLER D. PISANO
 BIT NO. _____
 TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Alfred H. Turkey

COMMONW. ALTH OF PENN. YLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL 470-101.5

STREET HOUSE No 67 CARROL STREET

DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 53 DRILLED MAR. 13 1979

DRILLED BY Empire Contracting Co. Surface Elevation 653.48
651.84

LAT. DEP.	PIPE DIA. IN	PIPE INSTALLED		DRILLED		TOTAL		VEIN ELEVATION	NAME OF VEIN
		FT	IN	FT	IN	FT	IN		
	STRATA								
	SURFACE SAND			25	0	25	0		
	SOFT-ROCK			4	0	29	0		
	HARD ROCK			42	0	71	0		
	COAL			9	0	80	0		CHECKER VEIN
	HARD ROCK			55	0	135	0		
	LOOSE BROKEN ROCK			14	0	149	0		PITSTON VEIN
	HARD ROCK			37	0	186	0		
	COAL			10	0	196	0	457.48	MARCY VEIN
	HARD BOTT ROCK			2	0	198	0		
	CASING	8"	29	0					
	CASING	6"	125	0					\$2,426.00

REMARKS UPDRAFT
 PAY 29' 8" DRILLING PAY 169' 6" DRILLING
 PAY 29' 8" CASING PAY 125' 6" CASING

MACHINE NO. CP 7000 DRILLER D-PISANO

BIT NO. _____

TYPE & SIZE OF BIT 9 7/8 7 7/8 6" DEPT. REPRESENTATIVE John H. Tully

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5

STREET House No 85 CHURCH ST

DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 54 DRILLED FEB-22 1979

DRILLED BY Empire Contracting Co. Surface Elevation 645.96

DATE DEP.	STRATA	PIPE DIA. INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	ELEVATION	VEIN
	SURFACE				19	0	19	0	
	ROCK				4	0	23	0	
	ROCK				46	0	69	0	
	COAL				3	0	72	0	checker vein
	BROKEN LOOSE ROCK				12	0	84	0	
	ROCK				47	0	131	0	
	OPEN				3	0	134	0	PITSTON? TRACY
	BROKEN ROCK				8	0	142	0	
	ROCK				47	0	189	0	
	COAL				6	0	195	0	450.96 BOT. MARCY
	BOTT. ROCK				2	0	197	0	
	CASING	8"	23	0					
	CASING	6"	121	0					
									\$ 2,335.00

REMARKS NO-DRAFT WATER IN HOLE
 PAY 23' 8" DRILLING PAY 174' 6" DRILLING
 PAY 23' 8" CASING PAY 121' 6" CASING

MACHINE NO. CP 7000 DRILLER D. PISANO

BIT NO. _____

TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Edward H. Tully

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL 470-101.5

STREET SAND ST. REAR House No 133 CARROL ST

DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 55 DRILLED APR. 11 1979

DRILLED BY Empire Contracting Co. Surface Elevation ~~674.54~~
666.65

DATE DEP.	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
	IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	STRATA									
				53	0	53	0			
				4	0	57	0			
				23	0	80	0			
				12	0	92	0			CHECKER VEIN
				61	0	153	0			
				2	0	155	0			
				4	0	159	0			PITSTON VEIN
				4	0	163	0			
				29	0	192	0			
				10	0	202	0	472.54		MARCY VEIN
				2	0	204	0			
		8"	57	0						
		6"	143	0						\$2,856.00

REMARKS UPDRAFT

PAY 57' 8" DRILLING PAY 147' 6" DRILLING
PAY 57' 8" CASING PAY 143' 6" CASING

MACHINE NO. CP 7000 DRILLER D. PISANO

BIT NO. _____

TYPE & SIZE OF BIT 9 7/16" 7 7/8" 6" DEPT. REPRESENTATIVE Alfred H. Tinsley

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5
 STREET HOUSE No 146 BUTLER ST
 DESCRIPTION Drilling Exploratory Borehole
 BOREHOLE NO. 56 DRILLED APR 10 1979
 DRILLED BY Empire Contracting Co. Surface Elevation 686.82
684

LAT. DEP.	STRATA	PIPE DIA. INSTALLED		DRILLED		TOTAL		VEIN ELEVATION	NAME OF VEIN
		IN	FT IN	FT	IN	FT	IN		
	SURFACE SAND			75	0	75	0		
	SOFT SLATE ROCK			4	0	79	0		
	HARD SANDSTONE ROCK			18	0	97	0		
	BROKEN LOOSE ROCK			14	0	111	0		HECKER VEIN
	HARD SANDSTONE ROCK			63	0	174	0		
	COAL			12	0	186	0		PITTSBURGH VEIN
	HARD SANDSTONE ROCK			24	0	210	0		
	OPEN			5	0	215	0		MARCY VEIN
	BROKEN LOOSE ROCK			5	0	220	0	466.82	
	HARD SANDSTONE ROCK			2	0	222	0		
	CASING	8"	79	0					
	CASING	6"	200	0					\$ 3544.00

REMARKS UPDRAFT
PAY 79' 8" DRILLING PAY 143' 6" DRILLING
PAY 79' 8" CASING PAY 200' 6" DRILLING
 MACHINE NO. CP 7000 DRILLER D. PISANO
 BIT NO. _____
 TYPE & SIZE OF BIT 978-778 6" DEPT. REPRESENTATIVE Richard H. Turkey

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5

STREET House No 2 ON CAROL STREET

DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 57 DRILLED MAR 2 1979

DRILLED BY Empire Contracting Co. Surface Elevation 625.53

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	SURFACE SAND				6	0	6	0			
	SOFT ROCK				4	0	10	0			
	HARD ROCK				43	0	53	0			
	COAL				8	0	61	0			CHEEKER-VEIN
	HARD ROCK				31	0	92	0			
	OPEN				3	0	95	0			PITTSBURGH VEIN
	BROKEN ROCK				14	0	109	0			
	HARD ROCK				55	0	164	0			
	OPEN				9	0	173	0			MARCY VEIN
	BROKEN ROCK				2	0	175	0	460.53		
	HARD BOT. ROCK				2	0	177	0			
	CASING	8"	10	0							
	CASING	6"	154	0							\$2,263.00

REMARKS NO DRAFT WATER IN HOLE
 PAY 16' 8" DRILLING PAY 167' 6" DRILLING
 PAY 10' 8" CASING PAY 154' 6" CASING

MACHINE NO. CP 7000 DRILLER D. PISANO

BIT NO. _____ DEPT. REPRESENTATIVE Alfred H. ...

TYPE & SIZE OF BIT 9 7/8" 7 3/8" -6"

COMMONW. ALTH OF PENN. SYLVANIA
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ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5
 STREET ON LAMBERT ST 150' EAST OF N. MAIN ST NORTH SIDE OF ROAD
9' OFF CENTER LINE OF ROAD
 DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 58 DRILLED June 15 1979
 DRILLED BY Empire Contracting Co. Surface Elevation 566.12

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	SURFACE CLAY				11	0	11	0			
	HARD ROCK				4	0	15	0			
	HARD ROCK				55	0	70	0			
	BROKEN LOOSE ROCK				9	0	79	0			CHEEKER VEIN
	HARD ROCK				45	0	124	0			
	BROKEN COAL				12	0	136	0			ATLANTIC VEIN
	HARD ROCK				61	0	197	0			
	OPEN				10	0	207	0			MARCY VEIN
	HARD BIT ROCK				2	0	209	0			
	CASING	8"	15	0							
	CASING	6"	187	0							\$2735.00

REMARKS WATER ELEV 10' FROM SURFACE
PAY 15' 8" DRILLING PAY 194' 6" DRILLING
PAY 15' 8" CASING PAY 187' 6" CASING
 MACHINE NO. CP 7000 DRILLER D. PISANO

BIT NO. _____
 TYPE & SIZE OF BIT 7 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Edward H. Turley

COMMONW. ALTH OF PENN. SYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5
 STREET ON LAMBERT ST 100' WEST OF LYONS LANE NORTH SIDE OF ROAD
8' OFF CENTER LINE OF LAMBERT ST
 DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 59 DRILLED JUNE 28 1979
 DRILLED BY Empire Contracting Co. Surface Elevation 578.83

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN ELEVATION	NAME OF VEIN
		IN	FT	IN	FT	IN	FT	IN			
	SURFACE SAND + CLAY				26	0	26	0			
	HARD ROCK				4	0	30	0			
	HARD ROCK				58	0	88	0			
	OPEN				3	0	91	0			CHECKER VEIN
	Loose Broken Rock				4	0	95	0			
	HARD ROCK				40	0	135	0			
	Loose Broken Rock				9	0	144	0			PITSTON VEIN
	HARD ROCK				45	0	189	0			
	COAL				4	0	193	0			MARCY VEIN
	SOFT ROCK				22	0	215	0			
	COAL				5	0	220	0			
	HARD BOT. ROCK				2	0	222	0			
	CASING	8"	30	0							
	CASING	6"	125	0							\$2,604

REMARKS WATER ELEV 29' FROM SURFACE
PAY 30' OF 8" DRILLING PAY 192' OF 6" DRILLING
PAY 30' OF 8" CASING PAY 125' OF 6" CASING
 MACHINE NO. CP-7000 DRILLER D. PISANO
 BIT NO. _____
 TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE James H. Tindley

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5
 STREET HOUSE No 209 BUTLER ST
 DESCRIPTION Drilling Exploratory Borehole
 BOREHOLE NO. 60 DRILLED APR. 5 1979
 DRILLED BY Empire Contracting Co. Surface Elevation 698.12
696.63

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	SURFACE SAND				10	0	10	0			
	SOFT ROCK				4	0	14	0			
	SOFT ROCK				9	0	23	0			
	COAL				2	0	25	0	CHECKER	RIDER VEIN	
	HARD ROCK				46	0	71	0			
	OPEN				5	0	76	0	PITTSBURGH	CHECKER VEIN	
	LOOSE BROKEN ROCK				10	0	86	0			
	HARD ROCK				38	0	124	0			
	COAL				11	0	135	0	MARCY	PITTSBURGH VEIN	
	HARD ROCK				21	0	156	0			
	OPEN				6	0	162	0		TOP MARCY	
	LOOSE BROKEN ROCK				4	0	166	0	532.12		
	HARD ROCK				2	0	168	0			
	CASING	8"	14	0							
	CASING	6"	146	0							\$2,192.00

REMARKS UPDRAFT
PAY 14'-8" DRILLING PAY 154'-6" DRILLING
PAY 14'-8" CASING PAY 146'-6" CASING
 MACHINE NO. C.P. 7000 DRILLER D. PISANO
 BIT NO. _____
 TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Alfred H. Turley

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5

STREET 1st Alley Rear House No 119 William St

DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 61 DRILLED MAR. 7 1979

DRILLED BY Empire Contracting Co. Surface Elevation 656.29

DATE DEP.	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
	IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	STRATA									
				40	0	40	0			
				4	0	44	0			
				57	0	101	0			
				2	0	103	0			PITSTON VEIN
				14	0	117	0			
				34	0	151	0			
				9	0	160	0			TOR MARCY
				27	0	187	0			
				3	0	190	0			BOT. MARCY
				9	0	199	0	457.29		
				2	0	201	0			
		8"	44	0						
		6"	177	0						\$2,909.00

REMARKS UPDRAFT

PAY 44' 8" DRILL PAY 157' 6" DRILL

PAY 44' 8" CASE PAY 177' 6" CASE

MACHINE NO. CP. 7000 DRILLER D. PISANO

BIT NO. _____

TYPE & SIZE OF BIT 7 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Arthur H. Trevelyan

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL 470-101.5
STREET House No 46 CHURCH STREET
DESCRIPTION Drilling Exploratory Borehole
BOREHOLE NO. 62 DRILLED Feb. 28 1979
DRILLED BY Empire Contracting Co. Surface Elevation 586.46

LAT. DEP.	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
	IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	STRATA									
				67	0	67	0			
				4	0	71	0			
				13	0	84	0			
				6	0	90	0			CHECKER VEIN
				38	0	128	0			
				14	0	142	0			PITTSBURGH VEIN
				34	0	176	0			
				5	0	181	0			MARCY VEIN
				6	0	187	0	399.46		
				2	0	189	0			
		8"	71							
		6"	166							\$3029.00

REMARKS No DRAFT WATER IN HOLE
PAY 71' 8" DRILL PAY 118' 6" DRILL
PAY 71' - 8" CASE PAY 166' - 6" CASE
MACHINE NO. CP. 7000 DRILLER D. PISANO
BIT NO. _____
TYPE & SIZE OF BIT 9 7/8" 7 3/8" - 6" DEPT. REPRESENTATIVE Paul H. Turner

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5

STREET ON BUTLER ST 82' EAST OF MAIN ST SOUTH SIDE OF ROAD
10' OFF CENTER LINE OF BUTLER ST

DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 63 DRILLED JUNE - 1 1979

DRILLED BY Empire Contracting Co. Surface Elevation 532.99

DEPTH	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	SURFACE SAND				22	0	22	0			
	HARD ROCK				4	0	26	0			
	HARD ROCK				20	0	46	0			
	COAL				1	0	47	0			CHECKER VEIN
	HARD ROCK				25	0	72	0			
	OPEN				15	0	87	0			PITTSBURGH VEIN
	HARD ROCK				47	0	134	0			
	COAL				10	0	144	0			MARCY VEIN
	HARD ROCK				2	0	146	0			
	CASING	8"	26	0							
	CASING	6"	62	0							\$1,654.00

REMARKS WATER ELEV 71' FROM SURFACE
PAY 26' OF 8" DRILLING PAY 120' OF 6" DRILLING
PAY 26' OF 8" CASING PAY 62' OF 6" CASING

MACHINE NO. CP-7000 DRILLER D. PISANO

BIT NO. _____

TYPE & SIZE OF BIT 9 7/8" 7 7/8" - 6" DEPT. REPRESENTATIVE Alfred H. Tindley

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5
 STREET ON LAMBERT ST 105' NORTH OF GIDDING ST WEST SIDE OF ST
9' OFF CENTER LINE OF LAMBERT ST
 DESCRIPTION Drilling Exploratory Borehole
 BOREHOLE NO. 64 DRILLED JULY 2 1979
 DRILLED BY Empire Contracting Co. Surface Elevation 632.00

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	SURFACE SAND + CLAY				15	0	15	0			
	HARD ROCK				4	0	19	0			
	HARD ROCK				17	0	36	0			
	OPEN				1	0	37	0			CHECKER
	BROKEN				10	0	47	0			
	HARD ROCK				90	0	137	0			
	COAL				32	0	169	0			PITSTON
	HARD ROCK				48	0	217	0			
	BROKEN OPEN				14	0	231	0			TOP + BOTTOM MARCYS
	HARD-BOTT. ROCK				2	0	233	0			
	CASING	8"	19'								
	CASING	6"	207'								\$3,063.00
											\$3,063.00

REMARKS WATER ELEV. 80' FROM SURFACE
PAY 19' OF 8" DRILLING PAY OF 214' 6" DRILLING
PAY 19' OF 8" CASING PAY OF 207' 6" CASING

MACHINE NO. CP 7000 DRILLER D. PISANO
 BIT NO. _____
 TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE John W. Lynch

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

MUNICIPALITY The City of Pittston Contract No. SL470-101.5
STREET BROAD ST. IN FRONT OF PITSTON UNITED METHODIST CHURCH
DESCRIPTION Drilling Exploratory Borehole

BOREHOLE NO. 65 DRILLED FEB-20 1979
DRILLED BY Empire Contracting Co. Surface Elevation 584.46

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	SURFACE				33	0	33	0			
	ROCK				4	0	37	0			
	SAND				8	0	45	0			
	ROCK				4	0	49	0			
	ROCK				49	0	98	0			
	COAL				8	0	106	0			
	OPEN				8	0	114	0			PITSTON VEIN
	ROCK				42	0	156	0			
	BROKEN LOOSE ROCK				8	0	164	0			TOP. MARCY
	ROCK				56	0	220	0			
	COAL				5	0	225	0	359.46		BOTT. MARCY
	ROCK				2	0	227	0	357.46		
	CASING	8"	49'								
	CASING	6"	146'								\$2,955.00
											Zero Draft

REMARKS NO UP OR DOWN DRAFT WATER IN PITSTON VEIN
PAY 49' 8" DRILLING PAY 178' 6" DRILLING
PAY 49' 8" CASING PAY 146' 6" CASING
MACHINE NO. CP 7000 DRILLER D. PISANO
BIT NO. 9 7/8" 7 1/8" 6"
TYPE & SIZE OF BIT _____ DEPT. REPRESENTATIVE Arthur H. Tinsley

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

PROJECT NO. SL470-10LS

MUNICIPALITY THE CITY OF PITSTON PA
STREET ON CARROL ST 294' EAST OF HUNTER ST NORTH SIDE OF ROAD
8' OFF CENTER LINE
DESCRIPTION EXPLORATORY BONE HOLE

BOREHOLE NO. 66 DRILLED AUG. 7 1979
DRILLED BY EMPIRE CONTRACTING CO Surface Elevation ?⁶⁷⁴

LAT. DEP.	STRATA	PIPE DIA. INSTALLED		DRILLED		TOTAL		VEIN ELEVATION	NAME OF VEIN
		IN	FT	IN	FT	IN	FT		
	SURFACE SAND				16	0	16	0	
	COAL				3	0	19	0	
	OPEN				4	0	23	0	CHECKER VEIN
	LOOSE BROKEN ROCK				3	0	26	0	
	HARD ROCK				4	0	30	0	
	HARD ROCK				75	0	105	0	
	BROKEN TIGHT ROCK				16	0	121	0	PITSTON VEIN
	SOFT ROCK				40	0	161	0	
	COAL				4	0	165	0	MARCY VEIN
	HARD BOT. ROCK				2	0	167	0	
	CASING	8"	30	0					
	CASING	6"	95	0					\$2039.00

REMARKS UPDRIFT
PAY 30' 8" DRILLING PAY 137' 6" DRILLING
PAY 30' 8" CASING PAY 95' 6" CASING
MACHINE NO. CP 7000 DRILLER D. PISANO
BIT NO. _____
TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Edward H. Tinsley

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

PROJECT NO. SL-470-1015

MUNICIPALITY THE CITY OF PITTSBURGH PA
STREET ON CENTER ST 297' WEST OF SEADLE ST South side
OF ROAD - 7' OFF CENTER LINE OF ROAD
DESCRIPTION EXPLORATORY BORE HOLE

BOREHOLE NO. 67 DRILLED AUG 8 1979
DRILLED BY EMPIRE CONTRACTING CO Surface Elevation 637.00

LAT. DEP.	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
	IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	STRATA									
					10	0	10	0		
					2	0	12	0		CHECKED VEIN ?
					8	0	20	0		
					4	0	24	0		
					17	0	41	0		
					1	0	42	0		CHECKED VEIN ?
					26	0	68	0		
					2	0	70	0		PITTSBURGH VEIN
					13	0	83	0		
					48	0	131	0		
					9	0	140	0		
					2	0	142	0		
		8"	24	0						
		6"	58	0						\$ 1,582.00

REMARKS WATER ELEV FROM SURFACE
PAY 24' 8" DRILLING PAY 118' 6" DRILLING
PAY 24' 8" CASING PAY 58' 6" CASING

MACHINE NO. CP-7000 DRILLER D. PISANO
BIT NO. _____
TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Alfred H. Tinsley

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

PROJECT NO. SL 470-1015

MUNICIPALITY THE CITY OF PITTSBURGH PA
STREET ON PARSONAGE ST 350' EAST OF MILLER ST SOUTH SIDE
OF ROAD 10' OFF CENTER LINE OF ROAD
DESCRIPTION EXPLORATORY BORE HOLE

BOREHOLE NO. 68 DRILLED AUG 14 1979
DRILLED BY EMPIRE CONTRACTING CO Surface Elevation 595.00

LAT. DEP.	STRATA	PIPE DIA. INSTALLED		DRILLED		TOTAL		VEIN	NAME OF	
		IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN
	SURFACE SAND				12	0	12	0		
	HARD ROCK				4	0	16	0		
	HARD ROCK				46	0	62	0		
	COAL				9	0	71	0		CHECKER VEIN
	HARD ROCK				101	0	172	0		
	OPEN				3	0	175	0		PITTSBURGH VEIN
	LOOSE BROKEN ROCK				9	0	184	0		
	HARD ROCK				42	0	226	0		
	OPEN				6	0	232	0		MARCY VEIN
	HARD ROCK				2	0	234	0		
	CASING	8"	16	0						
	CASING	6"	216	0						\$ 3,094.00

REMARKS WATER ELEV FROM SURFACE
PAY 16' 8" DRILLING PAY 218' 6" DRILLING
PAY 16' 8" CASING PAY 216' 6" CASING

MACHINE NO. CP 7000 DRILLER D PISANO

BIT NO. _____

TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Alfred H. Turley

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF
 ENVIRONMENTAL RESOURCES
 DRILLERS REPORT

PROJECT NO. SL 470-101-5

MUNICIPALITY THE CITY OF PITTSBURGH PA
 STREET ON PARSONAGE ST AT CENTER LINE OF WHARTON AVE
 DESCRIPTION ON CURB LINE OF WHARTON AVE + PARSONAGE ST SOUTH SIDE OF ROAD
EXPLOITORY BORE HOLE

BOREHOLE NO. 69 DRILLED AUG 22 1979
 DRILLED BY EMPIRE CONTRACTING Co Surface Elevation 605.88

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN ELEVATION	NAME OF VEIN
		IN	FT	IN	FT	IN	FT	IN			
	SURFACE SAND					44	0	44	0		
	HARD ROCK					4	0	48	0		
	HARD ROCK					8	0	56	0		
	COAL					2	0	58	0		?
	HARD ROCK					60	0	118	0		
	COAL					13	0	131	0		CHECKER VEIN ?
	HARD ROCK					48	0	179	0		
	COAL					14	0	193	0		PITTSBURGH VEIN
	HARD ROCK					47	0	240	0		
	OPEN					10	0	250	0		MARCY VEIN
	HARD BOTTL ROCK					2	0	252	0		
	CASING	8"	48	0							
	CASING	6"	230	0							\$3,624.00

REMARKS WATER ELEV 52' FROM SURFACE
PAY 48' 8" DRILLING PAY 204' 6" DRILLING
PAY 48' 8" CASING PAY 230' 6" CASING
 MACHINE NO. CP 7000 DRILLER D. PISANO
 BIT NO. _____
 TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Alfred H. Freyman

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

PROJECT NO. SL 470-1065

MUNICIPALITY THE CITY OF PITTSBURGH PA
STREET ON PARSONAGE ST 149' WEST OF DRUMMOND ST
SOUTH SIDE OF ROAD 9' OFF CENTER OF ROAD
DESCRIPTION EXPLORATORY BORE HOLE

BOREHOLE NO. 70 DRILLED AUG 17 1979
DRILLED BY EMPIRE CONTRACTING CO Surface Elevation 619.16

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED		DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN	
	SURFACE SAND				17	0	17	0			
	HARD ROCK				4	0	21	0			
	HARD ROCK				23	0	44	0			
	COAL				2	0	46	0			?
	HARD ROCK				64	0	110	0			
	OPEN				1	0	111	0			CHECKER VEIN
	Loose Broken Rock				8	0	119	0			
	HARD ROCK				45	0	164	0			
	COAL				16	0	180	0			PITTSBURGH VEIN
	HARD ROCK				48	0	228	0			
	COAL				4	0	232	0			TOP MARCY VEIN
	SOFT ROCK				3	0	235	0			
	COAL				6	0	241	0			BOTT MARCY
	HARD BOTT ROCK				2	0	243	0			
	CASING	8"	21	0							
	CASING	6"	100	0							\$2,511.00

REMARKS WATER ELEV. 64' FROM SURFACE
PAY 21' 8" DRILLING PAY 232' 6" DRILLING
PAY 21' 8" CASING PAY 100' 6" CASING

MACHINE NO. CP-7000 DRILLER D. PISANO

BIT NO. _____

TYPE & SIZE OF BIT 9 7/8" 2 7/8" 6" DEPT. REPRESENTATIVE Alfred H. Tinker

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
DRILLERS REPORT

PROJECT NO. SL 470-1015

MUNICIPALITY THE CITY OF PITSTON PA
STREET ON SEARIE ST 54' SOUTH OF CENTER ST WEST SIDE OF ROAD 9' OFF CENTER LINE OF ROAD

DESCRIPTION EXPLORATORY BORE HOLE

BOREHOLE NO. 71 DRILLED AUG 24 1979

DRILLED BY EMPIRE CONTRACTING CO Surface Elevation 640.17

LAT. DEP.	STRATA	PIPE DIA.		PIPE INSTALLED			DRILLED		TOTAL		VEIN	NAME OF
		IN	FT	IN	FT	IN	FT	IN	FT	IN	ELEVATION	VEIN
	SURFACE SAND				12	0		12	0			
	SOFT ROCK				4	0		16	0			
	COAL				10	0		26	0			CHECKER VEIN
	HARD ROCK				4	0		30	0			
	HARD ROCK				59	0		89	0			
	OPEN				2	0		91	0			PITSTON VEIN
	LOOSE BROKEN ROCK				11	0		102	0			
	HARD ROCK				43	0		145	0			
	OPEN				5	0		150	0			
	LOOSE BROKEN ROCK				5	0		155	0			MARCY VEIN
	HARD BOTT ROCK				2	0		157	0			
	CASING	8"	30	0								
	CASING	6"	135	0								\$2209.00

REMARKS WATER ELEV. 88' FROM SURFACE
PAY 30 8" DRILLING PAY 127' 6" DRILLING
PAY 30 8" CASING PAY 135' 6" CASING

MACHINE NO. CP 7000 DRILLER D. PISANO

BIT NO. _____

TYPE & SIZE OF BIT 9 7/8" 7 7/8" 6" DEPT. REPRESENTATIVE Richard H. Tule