



SAMPLING POINTS - BACKGROUND & MONITORING

No.	Source	Flow (gpm)	Field pH	Sp. Cond.	Date
* 1	Well	N/A	7.1	255	8/27/79
2	Seep	1	4.9	43.5	8/27/79
* 3	Stream	50	5.5	48	8/27/79
		15	7.25	41	5/21/81
3A	Stream	30	7.5	43	5/21/81
4	Spring	30	5.1	45	8/27/79
5	Spring	10	5.3	35	8/27/79
6	J. Marsula - Well	3	7.0	200	8/27/79
7	Champion Run	150	7.9	32.5	8/27/79
		20	7.0	28	5/21/81
7A	Stream	10	7.0	22	5/21/81
8	Pond	0	5.5	45	8/27/79
9	Champion Run	250	6.0	43	8/27/79
		50	7.0	36	5/21/81
10	Spring	70	4.2	43	8/27/79
10A	Spring	1	7.25	60	5/21/81
11	Spring	--	4.0	55	8/27/79
* 12	Champion Run	250-350	5.2	41.5	8/27/79
		80	7.0	38	5/21/81
13	Stream	50	5.5	60	8/27/79
		10	7.0	45	8/27/79
14	C. Leiser - Well	N/A	4.8	105	8/27/79
* 15	I. Ulery - Well	N/A	6.3	230	8/27/79
16	W. Myers - Spring	N/A	4.35	32	8/27/79
17	R. Roberts - Well	N/A	6.5	200	8/27/79

PROPERTY INDEX

- A Lawrence Rehanek
- B William Dipple
- C James Redo
- D Lawrence Hogben
- E Peter Valch
- F Raymond Fair
- G Amato Daquilonte
- H John Gavla
- I Vaughn C. Delimon
- J Henry R. Karlin
- K Paul Grinder

TEST HOLE DATA

Hole No.	Surface Elev.	Top Coal Elev.	Coal Thickness
4	1870	1835	42" UF
5	1865	1831	36" UF
6	1845	1816	36" UF
7	1867	1833	36" UF
8	1905	1798	36" UF
9	1870	----	----
10	1855	1798	24" UF
11	1820	1793	48" UF
12	1805	----	----
13	1815	1786	48" UF
14	1805	----	----
15	1815	----	----
16	1825	1798	42" UF
17	1840	----	----
22	1830	1805.5	54" UF
23	1845	1800	30" UF
24	1880	1815	12" UF
27	1845	1803.5	12" UF
28	1858	1785	48" UF
29	1850	1794	42" UF
30	1820	1793	36" UF
31	1858	1803.5	42" UF
32	1858	1806	48" UF
33	1865	1828	54" UF
34	1835	1777	48" UF
35	1833	1774	54" UF
36	1775	1747.5	48" UF
37	1805	1755	48" UF
54	1800	1756	17" UF
55	1780	1749	48" UF

- 143 Ac. Proposed Permit Area
- Variance Area

EXHIBIT V

HOLLIDAY CONSTRUCTORS, INC.
SHAMROCK SURFACE MINING OPERATION
 SITUATE
 MT. PLEASANT & DONEGAL TWPS.
 WESTMORELAND CO., PA.

SCALE	GWIN, DOBSON & FOREMAN, INC.	SHEET NO.
1" = 400'	CONSULTING ENGINEERS ALTOONA - PENNSYLVANIA	