

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFTR NUMBER SR 90

STRIP MINE NEAR FERRIS

DATE	GPM	PH	PPM							S04	T.FE	S04
			ALK	ACD	T.FE	ALK	ACD	T.FE	S04			
01-07-69												
02-10-69												
03-11-69		3.4	0	560	33.0	941	.0	.0	.0	.0	.0	.0
04-08-69	1	3.1	0	286	14.5	672	.0	3.4	.2	8.1	.0	8.1
05-06-69	2	2.7	0	424	23.0	730	.0	10.2	.6	17.5	.0	17.5
06-03-69	2	6.3	28	0	16.9	605	.7	.0	.4	14.5	.0	14.5
07-09-69	2	6.1	36	0	16.5	538	.9	.0	.4	12.9	.0	12.9
08-05-69												
09-09-69	1	3.0	0	370	28.1	806	.0	4.4	.3	9.7	.0	9.7
10-07-69												
11-04-69	1	3.0	0	348	20.6	864	.0	.0	.0	.0	.0	.0
12-09-69	1	3.1	0	252	17.4	806	.0	4.4	.2	9.7	.0	9.7

2 AU

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER SR 91

STRIP MINE NEAR FERRIS

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	34	3.0	0	368	35.2	643	.0	150.1	14.4	262.3
02-10-69	50	3.0	0	525	18.6	672	.0	315.0	11.2	403.2
03-11-69	17	3.5	0	465	18.7	826	.0	94.9	3.8	168.5
04-08-69	17	2.9	0	450	19.8	778	.0	91.8	4.0	158.7
05-06-69	34	6.0	24	2	12.8	605	9.8	.8	5.2	246.8
06-03-69	22	2.8	0	406	45.7	730	.0	107.2	12.1	192.7
07-09-69	12	2.8	0	440	29.3	730	.0	63.4	4.2	105.1
08-05-69	4	2.9	0	356	50.4	845	.0	17.1	2.4	40.6
09-09-69	9	2.8	0	410	18.5	778	.0	44.3	2.0	84.0
10-07-69	9	3.0	0	370	24.8	864	.0	40.0	2.7	93.3
11-04-69	9	3.1	0	344	32.4	884	.0	37.2	3.5	95.5
12-09-69	34	3.0	0	344	27.7	864	.0	140.4	11.3	352.5

1100
 92 Av.

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER SR 92

STRIP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69	NO SAMPLE AVAILABLE - FROZEN											
02-10-69		3.6	0	1060	14.1	3312	.0	.0	.0	.0	.0	.0
03-11-69	NO SAMPLE AVAILABLE - FROZEN											
04-08-69	1	3.4	0	1012	10.8	2938	.0	12.1	.1	35.3		
05-06-69	1	3.2	0	998	11.9	2736	.0	12.0	.1	32.8		
06-03-69	1	3.2	0	1246	13.2	3062	.0	15.0	.2	36.7		
07-09-69	1	3.1	0	1000	14.1	2400	.0	12.0	.2	28.8		
08-05-69	NO SAMPLE AVAILABLE - DRY											
09-09-69	1	3.1	0	880	15.8	2544	.0	10.6	.2	30.5		
10-07-69		3.2	0	820	13.6	2515	.0	.0	.0	.0		
11-04-69	1	3.5	0	550	13.4	2093	.0	6.6	.2	25.1		
12-09-69	2	3.5	0	600	11.0	2016	.0	14.4	.3	48.4		

83
 9 AU

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 93

STRIP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	2	2.8	0	380	21.6	634	.0	9.1	.5	15.2
02-10-69	28	3.0	0	330	21.6	413	.0	110.9	7.3	138.8
03-11-69	6	3.5	0	215	18.6	326	.0	15.5	1.3	23.5
04-08-69	34	2.8	0	290	24.6	442	.0	118.3	10.0	180.3
05-06-69	34	2.8	0	214	20.4	298	.0	87.3	8.3	121.6
06-03-69	6	2.8	0	192	17.5	269	.0	13.8	1.3	19.4
07-09-69	2	2.8	0	170	11.1	230	.0	4.1	.3	5.5
08-05-69	1	2.9	0	194	16.7	67	.0	2.3	.2	.8
09-09-69	1	2.9	0	160	15.8	298	.0	1.9	.2	3.6
10-07-69	1	2.9	0	190	15.6	317	.0	2.3	.2	3.8
11-04-69	2	3.0	0	182	13.8	394	.0	4.4	.3	9.5
12-09-69	2	2.9	0	232	13.4	413	.0	5.6	.3	9.9

375
 31 Av

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WETR NUMBER SR 94

FLOWING WELL NEAR HIGGINS CORNER

DATE	GPM	PH	ALK	PPM			PPD			
				ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	50	3.8	0	812	19.6	2169	.0	487.2	11.8	1313.4
02-10-69	50	4.7	2	800	15.0	2170	1.2	480.0	9.0	1302.0
03-11-69	70	5.0	4	975	15.6	2198	3.4	819.0	13.1	1846.3
04-08-69	94	4.4	6	900	15.9	2064	6.8	1015.2	17.9	2328.2
05-06-69	22	4.4	4	834	24.6	1776	1.1	220.2	6.5	468.9
06-03-69	22	4.4	2	788	41.0	1939	.5	208.0	10.8	511.9
07-09-69	17	3.7	0	1036	29.9	1920	.0	211.3	6.1	391.7
08-05-69	34	3.9	0	786	47.5	854	.0	320.7	19.4	348.4
09-09-69	34	4.3	0	740	22.7	1661	.0	301.9	9.3	677.7
10-07-69	34	3.1	0	790	23.1	1843	.0	322.3	9.4	751.9
11-04-69	34	3.0	0	920	92.4	1814	.0	375.4	37.7	740.1
12-09-69	193	4.2	0	768	38.2	1862	.0	1778.7	88.5	4312.4

6538

5115 AV.

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 95

STRIP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	82	3.4	0	814	32.8	1517	.0	801.0	32.3	1492.7
02-10-69		3.3	0	1140	15.0	1680	.0	.0	.0	.0
03-11-69	2	3.6	0	1160	55.2	1814	.0	27.8	1.3	43.5
04-08-69	2	3.0	0	950	24.4	1354	.0	22.8	.6	32.5
05-06-69	2	2.9	0	1002	26.1	1699	.0	24.0	.6	40.8
06-03-69	2	2.8	0	1068	47.4	1757	.0	25.6	1.1	42.2
07-09-69	1	2.7	0	1024	25.9	1603	.0	12.3	.3	19.2
08-05-69	1	2.7	0	1130	47.5	2006	.0	13.6	.6	24.1
09-09-69	NO SAMPLE AVAILABLE - DRY									
10-07-69	1	2.8	0	1354	21.6	1853	.0	16.2	.3	22.2
11-04-69	1	3.0	0	910	98.4	1613	.0	10.9	1.2	19.4
12-09-69	2	3.0	0	860	33.6	1306	.0	20.6	.8	31.3

976
 81 Av.

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 96

STRIP MINE NEAR FERRIS

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69	6	4.2	0	80	24.8	240	.0	5.8	1.8	17.3		
02-10-69	94	3.9	0	120	17.1	384	.0	135.4	19.3	433.2		
03-11-69	17	3.9	0	210	18.9	778	.0	42.8	3.9	158.7		
04-08-69	123	4.0	0	24	0.3	106	.0	35.4	.4	156.5		
05-06-69	108	3.9	0	30	0.5	96	.0	38.9	.6	124.4		
06-03-69	94	3.7	0	40	0.8	144	.0	45.1	.9	162.4		
07-09-69	70	3.7	0	32	0.4	67	.0	26.9	.3	56.3		
08-05-69	34	3.5	0	38	0.8	221	.0	15.5	.3	90.2		
09-09-69	50	3.7	0	34	0.7	58	.0	20.4	.4	34.8		
10-07-69	34	3.2	0	248	28.2	912	.0	101.2	11.5	372.1		
11-04-69	34	4.7	6	12	2.0	58	2.4	4.9	.8	23.7		
12-09-69	6	5.2	6	8	1.3	48	.4	.6	.1	3.5		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 97

STRIP MINE NEAR HILLIARDS

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T,FE	S04	ALK	ACD	T,FE	S04
01-07-69	50	4.2	0	38	11.9	211	.0	22.8	7.1	126.6
02-10-69	193	3.9	0	48	10.6	240	.0	111.2	24.5	555.8
03-11-69	22	4.2	0	64	17.3	307	.0	16.9	4.6	81.0
04-08-69	156	4.0	0	22	0.4	96	.0	41.2	.7	179.7
05-06-69	123	3.9	0	30	0.6	96	.0	44.3	.9	141.7
06-03-69	108	3.7	0	38	0.6	125	.0	49.2	.8	162.0
07-09-69	94	3.7	0	30	0.3	163	.0	33.8	.3	183.9
08-05-69	60	3.5	0	46	0.9	192	.0	33.1	.6	138.2
09-09-69	70	3.7	0	34	0.6	134	.0	28.6	.5	112.6
10-07-69	50	3.3	0	102	12.8	432	.0	61.2	7.7	259.2
11-04-69	70	3.4	0	68	10.8	374	.0	57.1	9.1	314.2
12-09-69	123	3.6	0	42	10.2	192	.0	62.0	15.1	283.4

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMRER SR 98
 DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	70	4.3	0	16	2.8	86	.0	13.4	2.4	72.2
02-10-69	94	4.0	0	18	1.5	67	.0	20.3	1.7	75.6
03-11-69	34	4.5	0	18	0.5	77	.0	7.3	.2	31.4
04-08-69	123	3.8	0	14	3.1	106	.0	20.7	4.6	156.5
05-06-69	70	3.8	0	18	1.8	67	.0	15.1	1.5	56.3
06-03-69	50	3.9	0	16	0.6	106	.0	9.6	.4	63.6
07-09-69	12	3.9	0	18	0.5	58	.0	2.6	.1	6.4
08-05-69	4	4.0	0	10	0.1	77	.0	.5	.0	3.7
09-09-69	12	4.0	0	12	0.2	77	.0	1.7	.0	11.1
10-07-69	6	4.1	0	12	0.1	77	.0	.9	.0	5.5
11-04-69	6	4.2	0	16	0.1	77	.0	1.2	.0	5.5
12-09-69	70	3.9	0	20	0.5	96	.0	16.8	.4	80.6

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 99

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69	6	5.0	4	6	29.2	67	.3	.4	2.1	4.8		
02-10-69	42	5.1	4	4	0.6	58	2.0	2.0	.3	29.2		
03-11-69	22	5.3	2	6	3.8	58	.5	1.6	1.0	15.3		
04-08-69	50	5.0	6	6	0.7	58	3.6	3.6	.4	34.8		
05-06-69	2	4.7	4	4	1.4	48	.1	.1	.0	1.2		
06-03-69	2	4.6	4	8	3.9	48	.1	.2	.1	1.2		
07-09-69	2	3.9	0	14	2.0	38	.0	.3	.0	.9		
08-05-69	1	3.7	0	20	2.4	86	.0	.2	.0	1.0		
09-09-69	1	3.8	0	28	7.2	86	.0	.3	.1	1.0		
10-07-69	2	3.7	0	28	4.8	86	.0	.7	.1	2.1		
11-04-69	1	3.6	0	32	2.0	96	.0	.4	.0	1.2		
12-09-69	12	3.7	0	22	2.7	86	.0	3.2	.4	12.4		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 100

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM				PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-07-69	6	2.9	0	226	29.2	355	.0	16.3	2.1	25.6	
02-10-69	12	2.9	0	218	14.7	317	.0	31.4	2.1	45.6	
03-11-69	4	3.4	0	205	16.2	336	.0	9.8	.8	16.1	
04-08-69	12	2.8	0	196	11.7	269	.0	28.2	1.7	38.7	
05-06-69	17	2.8	0	154	10.8	67	.0	31.4	2.2	13.7	
06-03-69	6	2.9	0	150	7.2	192	.0	10.8	.5	13.8	
07-09-69	4	2.8	0	236	11.0	269	.0	11.3	.5	12.9	
08-05-69	NO SAMPLE AVAILABLE - DRY										
09-09-69	1	2.8	0	212	14.7	182	.0	2.5	.2	2.2	
10-07-69	1	2.9	0	200	11.5	374	.0	2.4	.1	4.5	
11-04-69	1	2.9	0	182	13.0	355	.0	2.2	.2	4.3	
12-09-69	1	2.9	0	170	11.8	317	.0	2.0	.1	3.8	

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 101

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69	17	2.8	0	448	32.0	528	.0	91.4	6.5	107.7		
02-10-69	22	3.0	0	150	19.5	250	.0	39.6	5.1	66.0		
03-11-69	1	3.4	0	256	17.3	365	.0	3.1	.2	4.4		
04-08-69	6	2.7	0	290	18.1	432	.0	20.9	1.3	31.1		
05-06-69	2	2.8	0	160	18.0	230	.0	3.8	.4	5.5		
06-03-69	2	2.9	0	126	17.1	192	.0	3.0	.4	4.6		
07-09-69	4	2.7	0	360	30.8	413	.0	17.3	1.5	19.8		
08-05-69	1	2.5	0	464	58.0	739	.0	5.6	.7	8.9		
09-09-69	NO SAMPLE AVAILABLE - DRY											
10-07-69	NO SAMPLE AVAILABLE - DRY											
11-04-69	NO SAMPLE AVAILABLE - DRY											
12-09-69	NO SAMPLE AVAILABLE - DRY											

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 102

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	6	5.8	10	2	158.4	96	.7	.1	11.4	6.9
02-10-69	2	6.1	8	2	14.7	77	.2	.0	.4	1.8
03-11-69	2	5.3	4	4	0.1	96	.1	.1	.0	2.3
04-08-69	4	5.8	8	2	0.0	86	.4	.1	.0	4.1
05-06-69	2	5.7	6	2	0.6	58	.1	.0	.0	1.4
06-03-69	2	5.8	8	2	0.2	67	.2	.0	.0	1.6
07-09-69	1	5.8	8	4	0.5	58	.1	.0	.0	.7
08-05-69	1	5.9	18	8	0.0	154	.2	.1	.0	1.8
09-09-69	1	6.0	8	2	14.2	58	.1	.0	.2	.7
10-07-69	1	5.9	8	4	0.4	58	.1	.0	.0	.7
11-04-69	1	6.0	4	4	2.7	77	.0	.0	.0	.9
12-09-69	1	4.5	4	6	0.1	67	.0	.1	.0	.8

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 103
 DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69		3.5	0	70	2.9	163	.0	.0	.0	.0		
02-10-69	6	3.7	0	44	0.7	125	.0	3.2	.1	9.0		
03-11-69	2	3.9	0	50	4.2	163	.0	1.2	.1	3.9		
04-08-69	12	3.5	0	56	0.2	106	.0	8.1	.0	15.3		
05-06-69	1	3.4	0	46	1.8	125	.0	.6	.0	1.5		
06-03-69	2	3.3	0	56	5.2	144	.0	1.3	.1	3.5		
07-09-69	2	3.2	0	64	4.4	115	.0	1.5	.1	2.8		
08-05-69	NO SAMPLE AVAILABLE - DRY											
09-09-69		3.4	0	40	0.9	154	.0	.0	.0	.0		
10-07-69		3.4	0	76	4.0	144	.0	.0	.0	.0		
11-04-69	4	3.7	0	38	1.2	115	.0	1.8	.1	5.5		
12-09-69	4	3.7	0	36	0.5	96	.0	1.7	.0	4.6		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 104

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69	17	3.4	0	64	0.7	182	.0	13.1	.1	37.1		
02-10-69	94	3.6	0	52	0.4	173	.0	58.7	.5	195.1		
03-11-69	34	3.7	0	88	0.3	240	.0	35.9	.1	97.9		
04-08-69	22	3.2	0	86	1.0	211	.0	22.7	.3	55.7		
05-06-69	34	3.4	0	36	0.4	144	.0	14.7	.2	58.8		
06-03-69	50	3.4	0	54	0.6	163	.0	32.4	.4	97.8		
07-09-69	12	3.2	0	126	0.5	278	.0	18.1	.1	40.0		
08-05-69	2	3.2	0	114	2.0	365	.0	2.7	.0	8.8		
09-09-69	1	3.0	0	240	3.6	480	.0	2.9	.0	5.8		
10-07-69	1	2.9	0	274	5.7	490	.0	3.3	.1	5.9		
11-04-69	1	2.9	0	240	4.3	490	.0	2.9	.1	5.9		
12-09-69	2	3.0	0	148	0.1	499	.0	3.6	.0	12.0		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 105

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	12	3.5	0	62	0.4	182	.0	8.9	.1	26.2
02-10-69	34	3.4	0	54	0.3	163	.0	22.0	.1	66.5
03-11-69	4	3.5	0	66	0.3	192	.0	3.2	.0	9.2
04-08-69	12	3.2	0	82	0.6	202	.0	11.8	.1	29.1
05-06-69	28	3.4	0	44	0.2	144	.0	14.8	.1	48.4
06-03-69	6	3.4	0	56	0.1	163	.0	4.0	.0	11.7
07-09-69	1	3.2	0	118	0.6	250	.0	1.4	.0	3.0
08-05-69		3.0	0	134	1.5	173	.0	.0	.0	.0
09-09-69	NO SAMPLE AVAILABLE - DRY									

10-07-69 NO SAMPLE AVAILABLE - DRY
 11-04-69 NO SAMPLE AVAILABLE - DRY
 12-09-69 NO SAMPLE AVAILABLE - DRY

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 106

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	12	3.5	0	46	0.3	86	.0	6.6	.0	12.4
02-10-69	2	3.4	0	48	0.2	106	.0	1.2	.0	2.5
03-11-69	1	3.9	0	40	3.3	86	.0	.5	.0	1.0
04-08-69	4	3.3	0	66	0.3	125	.0	3.2	.0	6.0
05-06-69	1	3.3	0	46	0.3	96	.0	.6	.0	1.2
06-03-69	NO SAMPLE AVAILABLE - DRY									
07-09-69	NO SAMPLE AVAILABLE - DRY									
08-05-69	NO SAMPLE AVAILABLE - DRY									
09-09-69	NO SAMPLE AVAILABLE - DRY									
10-07-69	NO SAMPLE AVAILABLE - DRY									
11-04-69	NO SAMPLE AVAILABLE - DRY									
12-09-69	NO SAMPLE AVAILABLE - DRY									

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 107

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69	1	3.7	0	26	0.4	67	.0	.3	.0	.8		
02-10-69		3.7	0	32	0.2	77	.0	.0	.0	.0		
03-11-69		3.6	0	62	0.2	115	.0	.0	.0	.0		
04-08-69	1	3.6	0	38	0.3	106	.0	.5	.0	1.3		
05-06-69	1	3.6	0	32	0.3	19	.0	.4	.0	.2		
06-03-69	NO SAMPLE AVAILABLE - DRY											
07-09-69	NO SAMPLE AVAILABLE - DRY											
08-05-69	NO SAMPLE AVAILABLE - DRY											
09-09-69	NO SAMPLE AVAILABLE - DRY											
10-07-69	NO SAMPLE AVAILABLE - DRY											
11-04-69	NO SAMPLE AVAILABLE - DRY											
12-09-69	NO SAMPLE AVAILABLE - DRY											

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER SR 108

DFEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69		3.2	0	114	7.0	163	.0	.0	.0	.0		
02-10-69	4	3.2	0	162	9.1	240	.0	7.8	.4			11.5
03-11-69	1	3.3	0	128	4.7	192	.0	1.5	.1			2.3
04-08-69	6	2.9	0	106	4.3	202	.0	7.6	.3			14.5
05-06-69	4	2.8	0	170	11.9	240	.0	8.2	.6			11.5
06-03-69	1	2.9	0	126	6.8	182	.0	1.5	.1			2.2
07-09-69	1	2.9	0	108	5.2	86	.0	1.3	.1			1.0
08-05-69	1	2.8	0	142	7.3	192	.0	1.7	.1			2.3
09-09-69	1	3.0	0	128	10.8	202	.0	1.5	.1			2.4
10-07-69	1	3.0	0	152	8.8	221	.0	1.8	.1			2.7
11-04-69	1	3.1	0	124	6.0	211	.0	1.5	.1			2.5
12-09-69	1	3.1	0	116	4.6	223	.0	1.4	.1			2.7

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 109

DEEP MINE NEAR HIGGINS CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	236	3.1	0	170	25.5	442	.0	481.4	72.2	1251.7
02-10-69	284	3.2	0	156	19.8	288	.0	531.6	67.5	981.5
03-11-69	193	3.4	0	180	23.0	346	.0	416.9	53.3	801.3
04-08-69	34	3.0	0	150	22.7	384	.0	61.2	9.3	156.7
05-06-69	123	3.0	0	172	16.2	346	.0	253.9	23.9	510.7
06-03-69	70	3.1	0	168	33.7	307	.0	141.1	28.3	257.9
07-09-69	94	2.9	0	242	26.4	365	.0	273.0	29.8	411.7
08-05-69	34	2.8	0	202	21.8	384	.0	82.4	8.9	156.7
09-09-69	50	3.0	0	220	22.5	461	.0	132.0	13.5	276.6
10-07-69	70	3.2	0	250	18.7	490	.0	210.0	15.7	411.6
11-04-69	70	3.0	0	238	27.3	518	.0	199.9	22.9	435.1
12-09-69	156	3.0	0	252	31.9	509	.0	471.7	59.7	952.8

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFTR NUMBER SR 110

DEEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	2	5.4	4	2	2.1	19	.1	.0	.1	.5
02-10-69	12	5.2	8	6	0.8	29	1.2	.9	.1	4.2
03-11-69	1	5.6	6	4	2.4	67	.1	.0	.0	.8
04-08-69	6	5.5	10	4	0.7	67	.7	.3	.1	4.8
05-06-69	1	5.5	4	3	2.2	29	.0	.0	.0	.3
06-03-69	NO SAMPLE AVAILABLE - DRY									
07-09-69	NO SAMPLE AVAILABLE - DRY									
08-05-69	NO SAMPLE AVAILABLE - DRY									
09-09-69	NO SAMPLE AVAILABLE - DRY									
10-07-69	NO SAMPLE AVAILABLE - DRY									
11-04-69	NO SAMPLE AVAILABLE - DRY									
12-09-69	NO SAMPLE AVAILABLE - DRY									

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 111

DEEP MINE REFUSE PILE NEAR ARGENTINE

DATE	GPM	PH	PPM					S04	T.FE	ALK	PPD			
			ALK	ACD	T.FE	ACD	T.FE				ALK	ACD	T.FE	S04
01-07-69	NO SAMPLE	AVAILABLE	-	FROZEN										
02-10-69	NO SAMPLE	AVAILABLE	-	FROZEN										
03-11-69	NO SAMPLE	AVAILABLE	-	FROZEN										
04-08-69	2	3.3	0	85	5.2	144		.0			2.0		.1	3.5
05-06-69	1	2.9	0	192	10.8	259		.0			2.3		.1	3.1
06-03-69	NO SAMPLE	AVAILABLE	-	DRY										
07-09-69	1	3.0	0	226	5.4	336		.0			2.7		.1	4.0
08-05-69	NO SAMPLE	AVAILABLE	-	DRY										
09-09-69	NO SAMPLE	AVAILABLE	-	DRY										
10-07-69		2.8	0	336	15.6	480		.0			.0		.0	.0
11-04-69	2	3.6	0	84	2.4	163		.0			2.0		.1	3.9
12-09-69	4	3.6	0	84	4.0	125		.0			4.0		.2	6.0

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 112

DEEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	4	5.7	4	2	0.8	10	.2	1	.0	.5
02-10-69	50	5.9	10	2	0.0	38	6.0	1.2	.0	22.8
03-11-69	12	5.6	2	3	0.0	38	.3	.4	.0	5.5
04-08-69	34	5.4	8	4	0.0	48	3.3	1.6	.0	19.6
05-06-69	22	5.1	6	4	0.0	29	1.6	1.1	.0	7.7
06-03-69	12	5.5	5	3	0.1	29	.7	.4	.0	4.2
07-09-69	12	5.2	6	4	0.0	38	.9	.6	.0	5.5
08-05-69	2	5.0	6	4	0.0	38	.1	.1	.0	.9
09-09-69	12	5.3	10	4	0.0	48	1.4	.6	.0	6.9
10-07-69	12	5.3	4	4	.0	29	.6	.6	.0	4.2
11-04-69	12	5.4	8	6	0.0	29	1.2	.9	.0	4.2
12-09-69	12	5.3	8	6	0.1	29	1.2	.9	.0	4.2

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 113

DEEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	6	4.5	4	12	1.1	106	.3	.9	.1	7.6
02-10-69	9	3.9	0	32	1.7	115	.0	3.5	.2	12.4
03-11-69	2	4.0	0	24	1.0	106	.0	.6	.0	2.5
04-08-69	9	4.7	4	8	0.4	58	.4	.9	.0	6.3
05-06-69	9	3.7	0	24	0.9	96	.0	2.6	.1	10.4
06-03-69	6	3.8	0	22	1.2	115	.0	1.6	.1	8.3
07-09-69	12	4.2	2	28	0.6	77	.3	4.0	.1	11.1
08-05-69	2	3.9	0	20	0.7	115	.0	.5	.0	2.8
09-09-69	4	4.2	4	14	1.1	106	.2	.7	.1	5.1
10-07-69	4	4.5	4	10	0.4	96	.2	.5	.0	4.6
11-04-69	4	5.2	6	6	0.2	48	.3	.3	.0	2.3
12-09-69	9	5.3	6	7	0.8	77	.6	.8	.1	8.3

MINE DRAINAGE REPORT
SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 114

DEEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM					PPD		
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	34	5.2	26	132	30.0	643	10.6	53.9	12.2	262.3
02-10-69	34	5.9	32	160	22.5	518	13.1	65.3	9.2	211.3
03-11-69	34	5.8	22	150	18.0	614	9.0	61.2	7.3	250.5
04-08-69	34	5.6	22	135	24.3	624	9.0	55.1	9.9	254.6
05-06-69	22	5.6	20	154	12.5	499	5.3	40.7	3.3	131.7
06-03-69	22	5.6	6	160	48.3	557	1.6	42.2	12.8	147.0
07-09-69	12	5.2	12	156	25.2	586	1.7	22.5	3.6	84.4
08-05-69	12	3.3	0	40	4.2	154	.0	5.8	.6	22.2
09-09-69	17	3.5	0	136	7.0	182	.0	27.7	1.4	37.1
10-07-69	50	5.6	18	158	20.2	557	10.8	94.8	12.1	334.2
11-04-69	50	5.5	22	162	19.1	547	13.2	97.2	11.5	328.2
12-09-69	70	5.6	24	160	38.6	566	20.2	134.4	32.4	475.4

MINE DRAINAGE REPORT

SILIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 115

DEEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM					PPD					
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04			
01-07-69	NO SAMPLE AVAILABLE - FROZEN												
02-10-69	NO SAMPLE AVAILABLE - FROZEN												
03-11-69	NO SAMPLE AVAILABLE - FROZEN												
04-08-69	1	3.4	0	26	11.9	96	.0	.3	.1	1.2			
05-06-69	1	4.5	2	18	9.2	19	.0	.2	.1	.2			
06-03-69	NO SAMPLE AVAILABLE - DRY												
07-09-69	NO SAMPLE AVAILABLE - DRY												
08-05-69	NO SAMPLE AVAILABLE - DRY												
09-09-69	2	3.5	0	38	6.8	163	.0	.9	.2	3.9			
10-07-69	1	2.9	0	186	15.8	384	.0	2.2	.2	4.6			
11-04-69	1	5.7	28	140	22.0	614	.3	1.7	.3	7.4			
12-09-69	2	4.2	0	20	5.0	77	.0	.5	.1	1.8			

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 11.6

DEEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM						S04									
			ALK	ACD	T.FE	ALK	ACD	T.FE										
01-07-69																		
			NO SAMPLE AVAILABLE - FROZEN															
02-10-69	2	3.4	0	100	18.6	403	.0	2.4	.4	9.7								
03-11-69	4	3.5	0	118	22.7	451	.0	5.7	1.1	21.6								
04-08-69	2	3.1	0	82	10.3	413	.0	2.0	.2	9.9								
05-06-69	1	2.9	0	115	13.9	528	.0	1.4	.2	6.3								
06-03-69	1	2.9	0	150	18.3	490	.0	1.8	.2	5.9								
07-09-69	1	2.9	0	130	17.6	86	.0	1.6	.2	1.0								
08-05-69	1	2.7	0	146	10.8	499	.0	.0	.0	.0								
09-09-69	1	2.9	0	144	14.4	442	.0	1.7	.2	5.3								
10-07-69	42	3.0	0	138	17.4	451	.0	69.6	8.8	227.3								
11-04-69	1	3.2	0	96	11.9	413	.0	1.2	.1	5.0								
12-09-69	1	3.3	0	68	8.8	356	.0	.8	.1	4.3								

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 117

DEEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-07-69	284	6.2	22	0	1.4	48	75.0	.0	4.8	163.6		
02-10-69	284	6.0	26	0	1.0	58	88.6	.0	3.4	107.7		
03-11-69	123	6.1	22	0	1.1	67	32.5	.0	1.6	98.9		
04-08-69	236	5.9	22	0	1.2	58	62.3	.0	3.4	164.3		
05-06-69	94	6.0	24	0	1.2	48	27.1	.0	1.4	54.1		
06-03-69	193	6.0	22	0	0.9	58	51.0	.0	2.1	134.3		
07-09-69	108	6.0	20	0	1.4	67	25.9	.0	1.8	86.8		
08-05-69	94	6.1	24	0	1.6	48	27.1	.0	1.8	54.1		
09-09-69	34	6.2	36	0	2.0	48	14.7	.0	.8	19.6		
10-07-69	70	6.2	24	0	2.2	48	20.2	.0	1.8	40.3		
11-04-69	82	6.3	30	0	2.2	48	29.5	.0	2.2	47.2		
12-09-69	174	6.2	28	0	1.7	58	58.5	.0	3.5	121.1		

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 118

DEEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	9	6.5	12	0	16.9	38	1.3	.0	1.8	4.1
02-10-69	12	6.2	16	0	0.4	58	2.3	.0	.1	8.4
03-11-69	2	6.4	12	0	0.1	67	.3	.0	.0	1.6
04-08-69	22	6.3	12	0	2.1	67	3.2	.0	.6	17.7
05-06-69	12	6.1	12	0	0.4	48	1.7	.0	.1	6.9
06-03-69	6	6.2	14	0	1.4	48	1.0	.0	.1	3.5
07-09-69	4	6.4	16	0	0.8	77	.8	.0	.0	3.7
08-05-69	2	6.3	14	0	1.7	86	.3	.0	.0	2.1
09-09-69	9	6.3	20	0	1.7	67	2.2	.0	.2	7.2
10-07-69	4	6.2	24	0	0.7	48	1.2	.0	.0	2.3
11-04-69	9	6.5	20	0	0.8	48	2.2	.0	.1	5.2
12-09-69	12	6.3	18	0	1.4	58	2.6	.0	.2	8.4

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 119

DFEP MINE NEAR ARGENTINE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-07-69	338	6.0	28	56	22.5	182	113.6	227.1	91.3	738.2
02-10-69	260	5.9	30	60	16.2	202	93.6	187.2	50.5	630.2
03-11-69	193	6.1	32	64	30.2	240	74.1	148.2	69.9	555.8
04-08-69	193	5.8	28	62	26.5	240	64.8	143.6	61.4	555.8
05-06-69	284	5.8	28	56	27.0	192	95.4	190.8	92.0	654.3
06-03-69	174	5.9	26	64	46.2	221	54.3	133.6	96.5	461.4
07-09-69	156	5.8	34	74	29.4	230	63.6	138.5	55.0	430.6
08-05-69	156	5.8	34	80	22.2	413	63.6	149.8	41.6	773.1
09-09-69	139	5.8	22	88	21.8	250	36.7	146.8	36.4	417.0
10-07-69	108	5.9	28	70	18.7	259	36.3	90.7	24.2	335.7
11-04-69	108	6.0	32	76	27.0	288	41.5	98.5	35.0	373.2
12-09-69	174	5.8	20	80	25.8	259	41.8	167.0	53.9	540.8