

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BC 240

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	4	3.8	0	288	13.2	1018	.0	13.8	.6	48.9
02-18-69	4	3.7	0	230	15.6	941	.0	11.0	.7	45.2
03-24-69	6	4.1	0	142	7.9	538	.0	10.2	.6	38.7
04-21-69	4	3.6	0	160	4.1	710	.0	7.7	.2	34.1
05-19-69	6	3.9	0	98	1.0	557	.0	7.1	.1	40.1
06-16-69	9	6.2	44	0	20.9	739	4.8	.0	2.3	79.8
07-16-69	2	3.5	0	108	8.6	701	.0	2.6	.2	16.8
08-13-69	2	3.5	0	90	6.1	528	.0	2.2	.1	12.7
09-17-69	1	7.0	80	0	6.2	29	1.0	.0	.1	.3
10-14-69	1	6.8	82	0	9.4	538	1.0	.0	.1	6.5
11-11-69	1	6.6	68	0	13.1	586	.8	.0	.2	7.0
12-15-69	2	5.3	8	84	18.9	854	.2	2.0	.5	20.5

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 243

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04				
01-20-69														
02-18-69	2	6.1	18	0	2.9	682	.0	.0	.0	.0	.0	.0	.0	.0
03-24-69	4	5.8	10	18	4.6	1008	.2	.4	.1	.4	.1	.1	.1	.1
		6.3	14	0	1.5	1094	.7	.0	.0	.0	.0	.1	.1	.1
04-21-69	4	6.0	12	4	3.2	691	.6	.2	.2	.2	.2	.2	.2	.2
05-19-69	12	6.4	10	0	1.8	826	1.4	.0	.0	.0	.0	.3	.3	.3
06-16-69	6	5.8	8	18	11.2	4114	.6	1.3	.8	1.3	.8	.8	.8	.8
07-16-69	1	4.8	6	64	14.1	1267	.1	.8	.2	.8	.2	.2	.2	.2
08-13-69	1	4.3	2	40	12.0	1469	.0	.5	.5	.5	.5	.1	.1	.1
09-17-69	1	5.7	6	26	10.2	1507	.1	.3	.3	.3	.3	.1	.1	.1
10-14-69														
11-11-69	1	5.0	10	20	0.3	1515	.1	.2	.0	.2	.0	.0	.0	.0
12-15-69	1	5.1	6	20	4.6	883	.1	.2	.1	.2	.1	.1	.1	.1

NO SAMPLE AVAILABLE - DRY

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 243

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM					S04	PPD				
			ALK	ACD	T.FE	S04	ALK		ACD	T.FE	S04		
01-20-69		6.1	18	0	2.9	682	.0	.0	.0	.0	.0	.0	.0
02-18-69	2	5.8	10	18	4.6	1008	.2	.4	.1	.4	.1	.2	24.2
03-24-69	4	6.3	14	0	1.5	1094	.7	.0	.1	.0	.1	.1	52.5
04-21-69	4	6.0	12	4	3.2	691	.6	.2	.2	.2	.2	.2	33.2
05-19-69	12	6.4	10	0	1.8	826	1.4	.0	.3	.0	.3	.3	118.9
06-16-69	6	5.8	8	18	11.2	1114	.6	1.3	.8	.8	.8	.8	80.2
07-16-69	1	4.8	6	64	14.1	1267	.1	.8	.2	.8	.2	.2	15.2
08-13-69	1	4.3	2	40	12.0	1469	.0	.5	.1	.5	.1	.1	17.6
09-17-69	1	5.7	6	26	10.2	1507	.1	.3	.1	.3	.1	.1	18.1
10-14-69	NO SAMPLE AVAILABLE - DRY												
11-11-69	1	5.0	10	20	0.3	1515	.1	.2	.0	.2	.0	.0	18.2
12-15-69	1	5.1	6	20	4.6	883	.1	.2	.1	.2	.1	.1	10.6

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 245

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	34	6.2	38	0	0.2	163	15.5	.0	.1	66.5
02-18-69	12	6.4	36	0	0.2	144	5.2	.0	.0	20.7
03-25-69	8	6.3	44	0	0.3	154	3.2	.0	.0	11.1
04-21-69	17	6.5	42	0	0.0	115	8.6	.0	.0	23.5
05-19-69	34	6.4	38	0	0.2	115	15.5	.0	.1	46.9
06-16-69	4	6.7	44	0	0.1	134	2.1	.0	.0	6.4
07-16-69	17	6.4	50	0	0.2	192	10.2	.0	.0	39.2
08-13-69	9	6.4	48	0	0.8	125	5.2	.0	.1	13.5
09-17-69	4	6.7	58	0	0.3	96	2.8	.0	.0	4.6
10-14-69	1	6.8	66	0	0.1	154	.8	.0	.0	1.8
11-11-69	6	6.8	60	0	0.1	163	4.3	.0	.0	11.7
12-15-69	12	6.5	50	0	0.2	163	7.2	.0	.0	23.5

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 245

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	SU4	ALK	ACD	T.FE	SU4		
01-20-69	34	6.2	38	0	0.2	163	15.5	.0	.1	.0	66.5	
02-18-69	12	6.4	36	0	0.3	144	5.2	.0	.0	.0	20.7	
03-25-69	8	6.3	44	0	0.3	154	3.2	.0	.0	.0	11.1	
04-21-69	17	6.5	42	0	0.0	115	8.6	.0	.0	.0	23.5	
05-19-69	34	6.4	38	0	0.2	115	15.5	.0	.1	.0	46.9	
06-16-69	4	6.7	44	0	0.1	134	2.1	.0	.0	.0	6.4	
07-16-69	17	6.4	50	0	0.2	192	10.2	.0	.0	.0	39.2	
08-13-69	9	6.4	48	0	0.8	125	5.2	.0	.1	.0	13.5	
09-17-69	4	6.7	58	0	0.3	96	2.8	.0	.0	.0	4.6	
10-14-69	1	6.8	66	0	0.1	154	.8	.0	.0	.0	1.8	
11-11-69	6	6.8	60	0	0.1	163	4.3	.0	.0	.0	11.7	
12-15-69	12	6.5	50	0	0.2	163	7.2	.0	.0	.0	23.5	

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 246

DEEP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	2	6.4	4	2	0.7	5	.1	.0	.0	.1
02-18-69	NO SAMPLE AVAILABLE		-	DRY						
03-25-69	1	6.5	4	2	0.3	29	.0	.0	.0	.3
04-21-69	1	6.2	4	4	0.2	10	.0	.0	.0	.1
05-19-69	1	6.4	44	0	14.1	38	.5	.0	.2	.5
06-16-69	NO SAMPLE AVAILABLE		-	DRY						
07-16-69	NO SAMPLE AVAILABLE		-	DRY						
08-13-69	NO SAMPLE AVAILABLE		-	DRY						
09-17-69	NO SAMPLE AVAILABLE		-	DRY						
10-14-69	NO SAMPLE AVAILABLE		-	DRY						
11-11-69	NO SAMPLE AVAILABLE		-	DRY						
12-15-69	NO SAMPLE AVAILABLE		-	RESTRIPPING						

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFTR NUMBER BC 247

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM						S04	T.FE	ACD	T.FE	S04
			ALK	ACD	T.FE	ALK	ACD	T.FE					
01-20-69	28	3.5	0	840	0.3	1690	.0	282.2	.1	567.8			
02-18-69	2	3.5	0	1522	2.9	2448	.0	36.5	.1	58.8			
03-25-69	1	3.6	0	1580	1.1	2746	.0	19.0	.0	33.0			
04-21-69	4	3.6	0	664	0.4	1469	.0	31.9	.0	70.5			
05-19-69	6	5.4	6	22	3.8	365	.4	1.6	.3	26.3			
06-16-69	1	3.5	0	1020	1.4	2112	.0	12.2	.0	25.3			
07-16-69	2	3.4	0	1788	1.3	2582	.0	42.9	.0	62.0			
08-13-69	1	3.3	0	1238	2.2	2861	.0	14.9	.0	34.3			
09-17-69	1	3.4	0	1180	2.2	3158	.0	14.2	.0	37.9			

10-14-69 NO SAMPLE AVAILABLE - DRY

11-11-69 NO SAMPLE AVAILABLE - DRY

12-15-69 NO SAMPLE AVAILABLE - RESTRIPPING

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 248

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	SU4	ALK	ACD	T.FE	SU4
01-20-69	28	6.4	54	0	16.2	29	18.1	.0	5.4	9.7
02-18-69	22	6.3	50	0	11.6	48	13.2	.0	3.1	12.7
03-24-69	28	6.8	50	0	13.0	29	16.8	.0	4.4	9.7
04-21-69	17	6.4	58	0	10.7	48	11.8	.0	2.2	9.8
05-19-69	34	6.3	42	0	9.2	38	17.1	.0	3.8	15.5
06-16-69	17	6.4	46	0	9.5	58	9.4	.0	1.9	11.8
07-16-69	22	6.4	44	0	10.6	96	11.6	.0	2.8	25.3
08-13-69	22	6.3	38	0	9.1	77	10.0	.0	2.4	20.3
09-17-69	12	6.4	44	0	11.9	58	6.3	.0	1.7	8.4
10-14-69	9	6.5	50	0	11.9	86	5.4	.0	1.3	9.3
11-11-69	12	6.4	44	0	15.8	86	6.3	.0	2.3	12.4
12-15-69	34	6.4	50	0	12.3	77	20.4	.0	5.0	31.4

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 249

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	70	6.5	26	0	1.9	259	21.8	.0	1.6	217.6
02-18-69	94	6.8	118	0	7.9	547	133.1	.0	8.9	617.0
03-24-69	70	6.7	14	2	14.7	326	11.8	1.7	12.3	273.8
04-21-69	156	7.1	56	0	4.7	192	108.6	.0	8.8	359.4
05-19-69	193	5.4	4	28	6.4	336	9.3	64.8	14.8	778.2
06-16-69	12	4.1	0	42	2.2	432	.0	6.0	.3	62.2
07-16-69	2	6.7	30	0	1.5	595	.7	.0	.0	14.3
08-13-69	4	6.6	20	0	0.4	499	1.0	.0	.0	24.0
09-17-69	12	3.5	0	90	5.4	672	.0	13.0	.8	96.8
10-14-69	NO SAMPLE AVAILABLE - DRY									
11-11-69	NO SAMPLE AVAILABLE - DRY									
12-15-69	70	4.5	6	14	0.9	115	5.0	11.8	.8	96.6

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 251

STRIP MINE NEAR BOYERS

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	12	3.6	0	310	0.2	586	.0	44.6	.0	84.4
02-18-69	6	3.8	0	194	0.5	394	.0	14.0	.0	28.4
03-25-69	2	3.9	0	206	0.1	365	.0	4.9	.0	8.8
04-21-69	9	3.7	0	158	0.0	392	.0	17.1	.0	42.3
05-19-69	12	4.6	2	62	0.3	144	.3	6.9	.0	20.7
06-16-69	1	3.7	0	148	0.2	307	.0	1.8	.0	3.7
07-16-69	1	3.6	0	168	0.2	403	.0	2.0	.0	4.8
08-13-69	1	3.5	0	164	0.6	442	.0	2.0	.0	5.3
09-17-69	1	3.5	0	136	0.3	374	.0	1.6	.0	4.5
10-14-69	NO SAMPLE AVAILABLE - DRY									
11-11-69	2	3.7	0	222	0.4	490	.0	.0	.0	.0
12-15-69	2	3.5	0	270	0.5	662	.0	6.5	.0	15.9

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WETR NUMBER SR 251

STRIP MINE NEAR BOYERS

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-20-69	12	3.6	0	310	0.2	586	.0	44.6	.0	84.4		
02-18-69	6	3.8	0	194	0.5	394	.0	14.0	.0	28.4		
03-25-69	2	3.9	0	206	0.1	365	.0	4.9	.0	8.8		
04-21-69	9	3.7	0	158	0.0	392	.0	17.1	.0	42.3		
05-19-69	12	4.6	2	62	0.3	144	.3	8.9	.0	20.7		
06-16-69	1	3.7	0	148	0.2	307	.0	1.8	.0	3.7		
07-16-69	1	3.6	0	168	0.2	403	.0	2.0	.0	4.8		
08-13-69	1	3.5	0	164	0.6	442	.0	2.0	.0	5.3		
09-17-69	1	3.5	0	136	0.3	374	.0	1.6	.0	4.5		
10-14-69	NO SAMPLE AVAILABLE - DRY											
11-11-69		3.7	0	222	0.4	490	.0	.0	.0	.0		
12-15-69	2	3.5	0	270	0.5	662	.0	6.5	.0	15.9		

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFTR NUMBER SR 252

STRIP MINE NEAR ATWELLS CROSSING

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-20-69	108	6.1	20	0	0.6	48	25.9	.0	.8		62.2	
02-18-69	28	6.3	26	0	0.2	38	8.7	.0	.1		12.8	
03-25-69	1	6.3	34	0	0.5	29	.4	.0	.0		.3	
04-21-69	123	6.2	20	0	0.7	29	29.5	.0	1.0		42.8	
05-19-69	156	6.4	34	0	0.2	38	63.6	.0	.4		71.1	
06-16-69	22	6.9	50	0	0.4	29	13.2	.0	.1		7.7	
07-16-69	2	7.1	48	0	0.6	106	1.2	.0	.0		2.5	
08-13-69	6	6.9	46	0	0.6	38	3.3	.0	.0		2.7	
09-17-69	12	7.2	38	0	0.5	86	5.5	.0	.1		12.4	
10-14-69	6	7.0	48	0	0.4	86	3.5	.0	.0		6.2	
11-11-69	6	6.8	36	0	0.4	125	2.6	.0	.0		9.0	
12-15-69	34	6.5	24	0	0.3	48	9.8	.0	.1		19.6	

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 253

DEEP MINE STRIPPED OUT NEAR ATWELLS CROSSING

DATE	GPM	PH	PPM						PPD		
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-20-69	94	6.4	12	0	1.2	24	13.5	.0	1.4	27.1	
02-18-69	70	6.6	30	0	2.1	38	25.2	.0	1.8	31.9	
03-25-69	50	6.7	18	0	1.2	48	10.8	.0	.7	28.8	
04-22-69	236	6.7	20	0	0.9	29	56.6	.0	2.5	82.1	
05-20-69	193	7.0	22	0	1.1	29	51.0	.0	2.5	67.2	
06-17-69	50	7.3	34	0	0.7	96	20.4	.0	.4	57.6	
07-21-69	70	7.2	50	0	1.2	202	42.0	.0	1.0	169.7	
08-18-69	34	7.1	28	0	1.6	58	11.4	.0	.7	23.7	
09-22-69	34	7.2	60	0	1.3	58	24.5	.0	.5	23.7	
10-20-69	70	7.4	52	0	0.1	144	43.7	.0	.1	121.0	
11-12-69	34	7.3	46	0	0.6	67	18.8	.0	.2	27.3	
12-16-69	70	6.9	18	0	1.4	38	15.1	.0	1.2	31.9	

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER SR 254

455P M9N5 - R56US5 P9L5 25TW55N 20V1R4 1N4 1TW5LLS 3ROSS9N7

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	12	2.9	0	870	17.2	672	.0	125.3	2.5	96.8
02-18-69	1	3.0	0	592	7.3	710	.0	7.1	.1	8.5
03-25-69	1	3.1	0	590	11.0	739	.0	7.1	.1	8.9
04-22-69	6	3.1	0	384	7.9	528	.0	27.6	.6	38.0
05-20-69	4	3.0	0	350	4.1	442	.0	16.8	.2	21.2
06-17-69	2	3.1	0	320	4.1	461	.0	7.7	.1	11.1
07-21-69	1	3.1	0	50	6.0	538	.0	.6	.1	6.5
08-18-69	1	2.8	0	500	6.7	662	.0	6.0	.1	7.9
09-22-69	1	2.9	0	652	10.2	768	.0	7.8	.1	9.2
10-20-69	2	2.9	0	584	9.8	720	.0	14.0	.2	17.3
11-12-69	2	3.0	0	410	6.1	653	.0	9.8	.1	15.7
12-16-69	2	3.2	0	545	5.2	605	.0	13.1	.1	14.5

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER SR 255

DEEP MINE - REFUSE PILE BETWEEN BOVARD AND ATWELLS CROSSING

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	12	3.0	0	640	10.3	893	.0	92.2	1.5	128.6
02-18-69	6	3.1	0	382	4.8	451	.0	27.5	.3	32.5
03-25-69	2	3.2	0	420	3.8	566	.0	10.1	.1	13.6
04-22-69	1	3.0	0	1018	24.3	1219	.0	12.2	.3	14.6
05-20-69	1	2.9	0	624	16.5	883	.0	7.5	.2	10.6
06-17-69	1	3.0	0	720	15.4	730	.0	8.6	.2	8.8
07-21-69	1	3.0	0	484	11.7	634	.0	5.8	.1	7.6
08-18-69	1	2.9	0	512	10.8	749	.0	6.1	.1	9.0
09-22-69		2.9	0	770	19.8	989	.0	.0	.0	.0
10-20-69	1	3.0	0	260	3.1	451	.0	3.1	.0	5.4
11-12-69	1	3.1	0	240	1.7	413	.0	2.9	.0	5.0
12-16-69	1	3.2	0	646	13.0	1104	.0	7.8	.2	13.2

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WETR NUMBER SR 256

DEEP MINE BETWEEN BOVARD AND ATWELLS CROSSING

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	6	3.2	0	60	3.3	125	.0	4.3	.2	9.0
02-18-69	4	3.5	0	38	1.5	86	.0	1.8	.1	4.1
03-25-69	17	3.7	0	28	2.8	106	.0	5.7	.6	21.6
04-22-69	12	4.0	0	44	1.4	96	.0	6.3	.2	13.8
05-20-69	50	3.7	0	20	1.9	86	.0	12.0	1.1	51.6
06-17-69	9	3.7	0	20	1.1	134	.0	2.2	.1	14.5
07-21-69	12	3.6	0	24	1.2	106	.0	3.5	.2	15.3
08-18-69	6	3.4	0	40	3.6	115	.0	2.9	.3	8.3
09-22-69	6	3.4	0	42	3.4	125	.0	3.0	.2	9.0
10-20-69	6	3.3	0	58	5.8	144	.0	4.2	.4	10.4
11-12-69	6	3.3	0	56	4.3	163	.0	4.0	.3	11.7
12-16-69	12	3.5	0	52	6.2	144	.0	7.5	.9	20.7

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 257

DEEP MINE NEAR BOVARD

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	SU4	ALK	ACD	T.FE	SU4
01-20-69	17	4.8	6	58	0.7	470	1.2	11.8	.1	95.9
02-24-69	6	4.0	0	58	1.2	403	.0	4.2	.1	29.0
03-25-69	4	5.0	4	56	0.4	451	.2	2.7	.0	21.6
04-22-69	9	3.8	0	20	0.6	307	.0	2.2	.1	33.2
05-20-69	12	4.6	4	40	1.8	374	.6	5.8	.3	53.9
06-17-69	6	4.8	6	40	1.7	490	.4	2.9	.1	35.3
07-21-69	2	4.8	6	34	0.8	423	.1	.8	.0	10.2
08-18-69	2	6.6	18	0	0.6	432	.4	.0	.0	10.4
09-22-69	2	6.1	16	8	0.6	451	.4	.2	.0	10.8
10-20-69	2	5.8	10	10	0.2	403	.2	.2	.0	9.7
11-12-69	2	5.2	12	16	0.8	432	.3	.4	.0	10.4
12-16-69	2	5.0	6	38	0.6	413	.1	.9	.0	9.9

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 259

STRIP MINE NEAR BOVARD

DATE	GPM	PH	ALK	ACD	PPM			ALK	ACD	T.FE	S04	PPD					
					T.FE	S04	S04					T.FE	S04	S04			
01-21-69																	
02-24-69		3.9	0	27	0.8	67		.0	.0	.0		.0				.0	
03-25-69	1	3.9	0	86	0.6	192		.0	1.0	.0		.0				2.3	
04-22-69	1	3.5	0	60	1.7	115		.0	.7	.0		.0				1.4	
05-20-69	1	3.7	0	66	0.6	163		.0	.8	.0		.0				2.0	
06-17-69	1	3.5	0	74	2.7	125		.0	.9	.0		.0				1.5	
07-21-69	1	3.5	0	48	0.5	125		.0	.6	.0		.0				1.5	
08-18-69	1	3.6	0	32	1.2	48		.0	.4	.0		.0				.6	
09-22-69		3.5	0	66	0.1	125		.0	.0	.0		.0				.0	
10-20-69		3.6	0	48	0.4	106		.0	.0	.0		.0				.0	
11-12-69		3.7	0	64	0.7	144		.0	.0	.0		.0				.0	
12-16-69		4.1	0	88	7.7	154		.0	.0	.0		.0				.0	

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 260

STRIP MINE NEAR BOVARD

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	12	3.9	0	116	1.2	221	.0	16.7	.2	31.8
02-24-69	22	3.9	0	64	0.3	173	.0	16.9	.1	45.7
03-25-69	2	3.6	0	84	0.7	173	.0	2.0	.0	4.2
04-22-69	17	3.9	0	74	0.6	182	.0	15.1	.1	37.1
05-20-69	6	3.4	0	62	3.0	134	.0	4.5	.2	9.6
06-17-69	2	3.8	0	68	0.5	163	.0	1.6	.0	3.9
07-21-69	1	3.7	0	82	1.2	202	.0	1.0	.0	2.4
08-18-69	1	3.5	0	54	2.6	125	.0	.6	.0	1.5
09-22-69	NO SAMPLE AVAILABLE - DRY									
10-20-69	NO SAMPLE AVAILABLE - DRY									
11-12-69	1	3.8	0	94	2.7	288	.0	1.1	.0	3.5
12-16-69		3.8	0	148	1.2	307	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SR 261

STRIP MINE NEAR BOVARD

DATE	GPM	PH	PPM						PPD					
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04				
01-21-69	6	5.3	4	6	0.2	58	.3	.4	.0	.0	.0	4.2		
02-24-69	12	4.6	4	8	0.1	48	.6	1.2	.0	.0	.0	6.9		
03-25-69	4	4.9	4	6	0.0	29	.2	.3	.0	.0	.0	1.4		
04-22-69	6	4.7	4	8	0.0	29	.3	.6	.0	.0	.0	2.1		
05-20-69	12	4.6	4	8	0.2	19	.6	1.2	.0	.0	.0	2.7		
06-17-69	NO SAMPLE AVAILABLE - DRY													
07-21-69		6.0	10	2	3.8	19	.0	.0	.0	.0	.0	.0		
08-18-69	1	5.7	8	2	0.7	10	.1	.0	.0	.0	.0	.1		
09-22-69	1	6.0	12	4	0.4	19	.1	.0	.0	.0	.0	.2		
10-20-69	1	5.9	10	4	0.2	29	.1	.0	.0	.0	.0	.3		
11-12-69	1	5.7	12	2	0.1	19	.1	.0	.0	.0	.0	.2		
12-16-69	2	5.1	6	8	0.1	29	.1	.2	.0	.0	.0	.7		

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER CR 263

DEEP MINE NEAR COALTOWN

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	70	5.9	10	0	2.1	278	8.4	.0	1.8	233.5
02-24-69	94	5.7	12	0	1.6	278	13.5	.0	1.8	313.6
03-25-69	94	3.7	0	46	1.5	278	.0	51.9	1.7	313.6
04-22-69	236	6.3	10	0	1.6	250	28.3	.0	4.5	708.0
05-20-69	174	6.2	12	0	1.7	240	25.1	.0	3.5	501.1
06-17-69	50	6.1	10	0	2.2	250	6.0	.0	1.3	150.0
07-21-69	108	6.0	8	0	1.5	336	10.4	.0	1.9	435.5
08-18-69	50	5.7	6	2	3.1	298	3.6	1.2	1.9	178.8
09-22-69	28	5.9	10	4	3.5	365	3.4	1.3	1.2	122.6
10-20-69	28	5.9	8	4	4.2	374	2.7	1.3	1.4	125.7
11-12-69	12	6.0	12	2	2.9	346	1.7	.3	.4	49.8
12-16-69	34	6.2	14	8	2.3	307	5.7	3.3	.9	125.3

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER CR 263

DEEP MINE NEAR COALTON

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	70	5.9	10	0	2.1	278	8.4	.0	1.8	233.5
02-24-69	94	5.7	12	0	1.6	278	13.5	.0	1.8	313.6
03-25-69	94	3.7	0	46	1.5	278	.0	51.9	1.7	313.6
04-22-69	236	6.3	10	0	1.6	250	26.3	.0	4.5	708.0
05-20-69	174	6.2	12	0	1.7	240	25.1	.0	3.5	501.1
06-17-69	50	6.1	10	0	2.2	250	6.0	.0	1.3	150.0
07-21-69	108	6.0	8	0	1.5	336	10.4	.0	1.9	435.5
08-18-69	50	5.7	6	2	3.1	298	3.6	1.2	1.9	178.8
09-22-69	28	5.9	10	4	3.5	365	3.4	1.3	1.2	122.6
10-20-69	28	5.9	8	4	4.2	374	2.7	1.3	1.4	125.7
11-12-69	12	6.0	12	2	2.9	346	1.7	.3	.4	49.8
12-16-69	34	6.2	14	8	2.3	307	5.7	3.3	.9	125.3

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER CR 264

STRIP MINE NEAR COALTOWN

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	17	4.2	0	40	0.3	163	.0	8.2	.1	33.3
02-24-69	12	3.9	0	44	0.2	134	.0	6.3	.0	19.3
03-25-69	17	3.9	0	40	0.0	134	.0	8.2	.0	27.3
04-22-69	34	3.8	0	40	1.1	125	.0	16.3	.4	51.0
05-20-69	12	3.6	0	32	0.2	115	.0	4.6	.0	16.6
06-17-69	6	3.7	0	38	0.4	134	.0	2.7	.0	9.6
07-21-69	4	3.7	0	40	0.5	144	.0	1.9	.0	6.9
08-18-69	2	3.5	0	40	0.8	192	.0	1.0	.0	4.6
09-22-69	1	3.5	0	48	0.4	192	.0	.6	.0	2.3
10-20-69	1	3.6	0	42	0.2	211	.0	.5	.0	2.5
11-12-69	2	3.7	0	46	0.2	192	.0	1.1	.0	4.6
12-16-69	4	3.9	0	62	0.2	202	.0	3.0	.0	9.7

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER CR 265

STRIP MINE NEAR COALTOWN

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	2	5.5	4	4	0.2	58	.1	.1	.0	1.4
02-24-69	2	4.5	2	6	0.2	86	.0	.1	.0	2.1
03-25-69	8	3.9	0	34	0.1	115	.0	2.4	.0	8.3
04-22-69	2	4.6	3	6	0.6	67	.1	.1	.0	1.6
05-20-69	12	3.7	0	36	0.1	125	.0	5.2	.0	18.0
06-17-69	6	4.2	0	10	0.5	115	.0	.7	.0	8.3
07-21-69	NO SAMPLE AVAILABLE - DRY									
08-18-69	1	4.1	2	14	0.1	125	.0	.2	.0	1.5
09-22-69	1	4.0	0	12	0.3	144	.0	.1	.0	1.7
10-20-69	2	4.1	0	16	0.1	182	.0	.4	.0	4.4
11-12-69	1	4.1	0	14	0.2	154	.0	.2	.0	1.8
12-16-69	1	4.5	3	12	0.0	86	.0	.1	.0	1.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER CR 266

DEEP MINE - STRIPPED OUT NEAR COALTOWN

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	4	6.0	3	2	1.1	38	.4	.1	.1	1.8
02-24-69	1	5.5	6	2	0.1	48	.1	.0	.0	.6
03-25-69	4	3.9	0	40	0.1	29	.0	1.9	.0	1.4
04-22-69	1	5.7	6	4	0.0	48	.1	.0	.0	.6
05-20-69	22	3.7	0	32	0.1	134	.0	8.4	.0	35.4
06-17-69	NO SAMPLE AVAILABLE - DRY									
07-21-69	NO SAMPLE AVAILABLE - DRY									
08-18-69	1	4.1	0	10	0.0	125	.0	.1	.0	1.5
09-22-69	1	3.5	0	52	0.3	182	.0	.6	.0	2.2
10-20-69		6.2	18	0	1.4	182	.0	.0	.0	.0
11-12-69		6.3	12	0	0.1	202	.0	.0	.0	.0
12-16-69	1	6.0	12	6	5.4	67	.1	.1	.1	.8

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER CR 267

STRIP MINE NEAR COAL TOWN

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	SU4	ALK	ACD	T.FE	SU4
01-21-69	6	6.1	6	2	0.3	29	.4	.1	.0	2.1
02-24-69	1	5.3	6	5	0.1	29	.1	.1	.0	.3
03-25-69	2	5.4	6	6	0.1	38	.1	.1	.0	.9
04-22-69	9	5.3	4	4	0.0	38	.4	.4	.0	4.1
05-20-69	12	3.9	0	20	0.3	115	.0	2.9	.0	16.6
06-17-69	1	4.4	2	20	0.4	288	.0	.2	.0	3.5

07-21-69 NO SAMPLE AVAILABLE - DRY
 08-18-69 NO SAMPLE AVAILABLE - DRY
 09-22-69 NO SAMPLE AVAILABLE - DRY

10-20-69 NO SAMPLE AVAILABLE - DRY
 11-12-69 NO SAMPLE AVAILABLE - DRY
 12-16-69 NO SAMPLE AVAILABLE - DRY

MINE DRAINAGE REPORT

SITTPERY ROCK CREEK BASIN

WFIR NUMBER CR 268

DEEP MINE - STRIPPED OUT NEAR COALTOWN

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-21-69	34	3.8	0	28	1.2	134	.0	11.4	.5	54.7		
02-24-69	70	3.9	0	26	1.1	115	.0	21.8	.9	96.6		
03-25-69	1	3.9	0	24	0.9	202	.0	.3	.0	2.4		
04-22-69	70	3.7	0	30	1.8	125	.0	25.2	1.5	105.0		
05-20-69	94	3.9	0	20	0.3	106	.0	22.6	.3	119.6		
06-17-69	12	3.9	0	22	1.0	163	.0	3.2	.1	23.5		
07-21-69	2	3.8	0	30	0.7	211	.0	.7	.0	5.1		
08-18-69	2	3.5	0	32	1.4	240	.0	.8	.0	5.8		
09-22-69	2	3.5	0	54	1.8	269	.0	1.3	.0	6.5		

10-20-69 NO SAMPLE AVAILABLE - DRY
 11-12-69 NO SAMPLE AVAILABLE - DRY
 12-16-69 NO SAMPLE AVAILABLE - DRY

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER CR 269

STRIP MINE NEAR COALTOWN

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	6	4.8	6	48	0.3	451	.4	3.5	.0	32.5
02-24-69	1	3.9	0	24	1.8	125	.0	.3	.0	1.5
03-25-69	22	3.9	0	26	1.1	163	.0	6.9	.3	43.0
04-22-69	17	3.7	0	58	0.1	230	.0	11.8	.0	46.9
05-20-69	34	3.9	0	18	0.6	115	.0	7.3	.2	46.9
06-17-69	1	4.3	2	22	0.6	336	.0	.3	.0	4.0
07-21-69	NO SAMPLE AVAILABLE - DRY									
08-18-69	2	5.7	8	4	0.8	346	.2	.1	.0	8.3
09-22-69	NO SAMPLE AVAILABLE - DRY									
10-20-69	NO SAMPLE AVAILABLE - DRY									
11-12-69	NO SAMPLE AVAILABLE - DRY									
12-16-69	NO SAMPLE AVAILABLE - DRY									