

SAMPLE POINT	ELEV.	SOURCE	SAMPLE POINT	ELEV.	SOURCE
AA-1	1425	Well - G. Mortimer	CS-17	1335	Drainage
AA-2	1425	Well - D. Craig	CS-18	1430	Drainage from spoil
AA-4	1230	Unnamed tributary	CS-19	1430	Well - J. Arner, Jr.
AA-6	1115	Unnamed tributary	CS-20	1390	Spring
AA-7	1100	Unnamed trib. to Redbank Cr.	CS-21	1370	Strip mine drainage
AA-8	1220	Spring at Lower Kitt. spoil	CS-22	1370	Strip mine drainage
AA-9	1260	Drainage	CS-23	1360	Spring
AA-10	1260	Spring-base of spoil	CS-24	1440	Pond in pit
AA-11	1260	Seep-base of spoil	EE-2	1260	Seep off Middle Kittanning
AA-12	1170	Seep - at cattails	EE-4	1220	Pond Drainage
AA-13	1150	Spring - base of spoil	EE-5	1285	Spring-off Middle Kittanning
AA-14	1160	Spring-outside mine	EE-7	1255	Drainage
AA-15	1435	Well-supplies Auction Barn	EE-8	1285	Spring
CF-60	1300	Spring-Supplies two houses	EE-9	1350	Spring
CF-62	1235	Drainage at face	EE-10	1370	Spring
CF-62B	1230	After treatment	EE-11	1380	Spring
CS-2	1350	Spring	EE-14	1170	Spring
CS-4	1465	House well- D. Duncan	EE-16	1220	Tributary to Redbank Creek
CS-5	1420	Well - R. Star	EE-16A	1250	Spring
CS-6	1450	Well - F. Craig	EE-16B	1250	Spring
CS-7	1310	Unnamed trib. to Catfish Run	EE-17	1235	Drift Mine Discharge
CS-9	1365	Unnamed trib. to Catfish Run	EE-18	1185	Trib. to Redbank Creek
CS-10	1350	Unnamed trib. to Catfish Run	EE-29	1400	Pond at Surface Mine
CS-11	1400	Well - J. Arner	EE-30	1400	Spring
CS-12	1450	Well - J. Arner	EE-31	1340	Spring
CS-12A	1430	Well - Arner Rental	EE-33	1240	Surface Mine Discharge
CS-13	1350	Unnamed trib. to Catfish Run	EE-34	1200	Unnamed trib. to Redbank Cr.
CS-15	1440	Pond in pit	MC-13	1170	Surface Mine Discharge
CS-15	1405	Spring	098004	1285	Unnamed trib. to Redbank Cr.

PROPOSED UNDER GROUND PERMIT LIMIT

PROPOSED SURFACE PERMIT LIMIT

0 MICROMETER

0 SPRING

0 WETLAND

0 DRAINAGE

0 BARN

0 SHED

0 GARAGE

0 HOUSE

0 MOBILE HOME

0 POWER

0 TELEPHONE

0 PIPE LINE

0 WATER WELL

0 OIL WELL

0 GAS WELL

0 DRILL HOLE

0 DEEP MINE

0 TOPSOIL STORAGE AREA

0 COAL REFUSE STORAGE AREA

0 COAL STOCKPILE STORAGE AREA

0 COAL BARRIER

0 EXISTING STRIPPING

0 BACKGROUND SAMPLE

0 BACKGROUND STREAM SAMPLE

0 MONITORING POINTS

THE OVERBURDEN HAS PREVIOUSLY BEEN REMOVED DOWN TO THE COAL SEAM. NO NEW FACE-UP AREAS WILL BE ESTABLISHED.

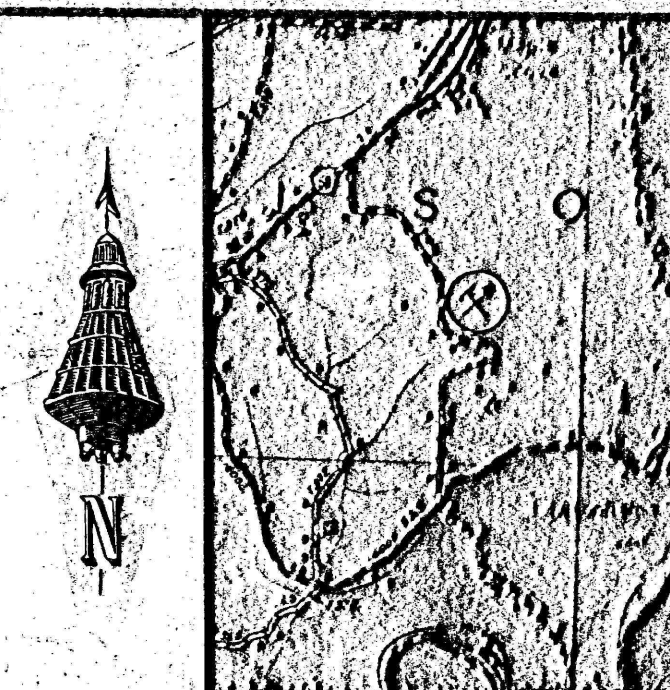
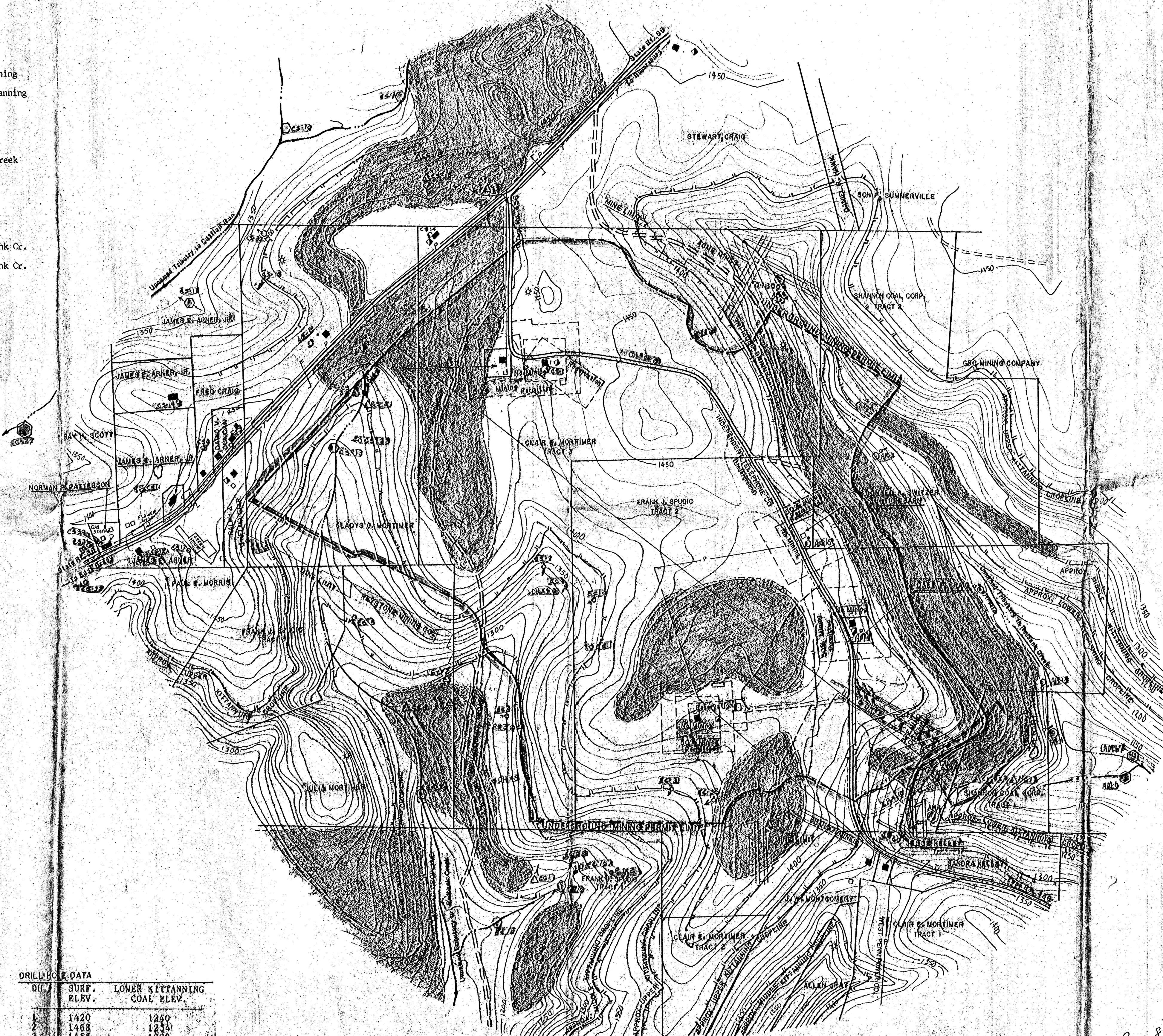
OPENING #1	1234.4
OPENING #2	1240.6
OPENING #3	1239.1
OPENING #4	1237.1

MINE SEALS WILL BE CONSTRUCTED UPON COMPLETION OF MINING AT THE LOCATIONS OF EXISTING MINE SEALS.

OH	SURF. ELEV.	LOWER KITTANNING COAL ELEV.
1	1420	1260
2	1468	1234
3	1453	1239
4	1320	1198
5	1222	1225
6	1424	1232.3
7	1402	1219

C&K COAL COMPANY OWNS ALL LOWER KITTANNING COAL TO BE MINED WITHIN PERMIT AREA. CONTIGUOUS SUBSURFACE AREA IS OWNED BY LISTED SURFACE OWNER.

NOTE: PIEZOMETER LOCATIONS ARE ONLY APPROXIMATE.
EXACT LOCATIONS AND ELEVATIONS WILL BE
MADE UPON COMPLETION OF INSTALLATION.



RECEIVED

MAY 21 1984

ENVIRONMENTAL RESOURCE
Meadville Regional Office

hf Scott Professional Engineer
Registered Surveyor
RD 2 Rimersburg, Pa.

SCALE: 1"=100'	C & K COAL COMPANY		
DATE: 5-14-84	"ALLISON ENGINEERING #19"		
DRN. CND.	MADISON TOWNSHIP		
APVD. FILE	SEARON COUNTY		
REVISIONS		BY	DATE
1			