



U S Army Corps
of Engineers
Huntington District

Public Notice

In reply refer to Public Notice No. 200401155	Issuance Date:
	March 22, 2006
Stream: Skyles Creek	Closing Date:
	April 20, 2006

Please address all comments and inquiries to:
U.S. Army USACE of Engineers, Huntington District
ATTN: CELRH-OR-F Public Notice No. (*reference above*)
502 Eighth Street
Huntington, West Virginia 25701-2070 Phone: (304) 399-5710

PUBLIC NOTICE: The purpose of this public notice is to inform you of a proposal for work in which you might be interested. It is also to solicit your comments and information to better enable us to make a reasonable decision on factors affecting the public interest. We hope you will participate in this process.

REGULATORY PROGRAM: Since its early history, the U.S. Army Corps of Engineers (USACE) has played an important role in the development of the nation's water resources. Originally, this involved construction of harbor fortifications and coastal defenses. Later duties included the improvement of waterways to provide avenues of commerce. An important part of our mission today is the protection of the nation's waterways through the administration of the USACE Regulatory Program.

SECTION 10: The USACE is directed by Congress under Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) to regulate all work or structures in or affecting the course, condition or capacity of navigable waters of the United States (U.S.). The intent of this law is to protect the navigable capacity of waters important to interstate commerce.

SECTION 404: The USACE is directed by Congress under Section 404 of the Clean Water Act (33 USC 1344) to regulate the discharge of dredged and fill material into all waters of the United States, including wetlands. The intent of the law is to protect the nation's waters from the indiscriminate discharge of material capable of causing pollution and to restore and maintain their chemical, physical and biological integrity.

TO WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 404 of the Clean Water Act. This notice serves as the USACE request to the West Virginia Department of Environmental Protection (WVDEP) to act on Section 401 Water Quality Certification for the following application.

APPLICANT: Brooks Run Mining Company, LLC
25 Little Birch Road
Sutton, West Virginia 26601

LOCATION: The proposed project would be located in the Glade District of Webster County, West Virginia at Latitude 38°29'12" and Longitude 80°38'22" on the USGS 7.5-minute Tioga Quadrangle approximately 4.75 miles southwest of the community of Erbacon. The proposed project would result in disturbances to Skyles Creek and unnamed tributaries to Skyles Creek and Birch River. Skyles Creek (location of the proposed Valley Fill 1) exhibits a surface water connection to Birch River. The unnamed tributary to Skyles Creek (location of the proposed Valley Fill 2) exhibits a surface water connection to Skyles Creek of Birch River. The unnamed tributaries of Birch River (location of the proposed Valley Fill 3) exhibit surface water connections to Birch River. Birch River flows into the Elk River, a navigable water of the U.S.

DESCRIPTION OF THE PROPOSED WORK: The applicant proposes to place dredged and fill material into 3,981 linear feet (0.514 acre) of waters of the U.S in conjunction with the construction, operation and reclamation of the Brandy Station and Cove Mountain Mines (Surface Mining Control and Reclamation Act Permits U-2001-05 and S-2002-05). The current mine plan is divided into two interrelated components, the Cove Mountain underground mine and the Brandy Station contour operation. The proposal would involve the construction of three valley fills (No. 1, 2 and 3) and three sediment ponds (No. 1, 2, and 3). Construction of the sediment ponds (Ponds 1 thru 3) would result in temporary impact to approximately 714 linear feet (0.133 acre) of intermittent streams. Adverse impacts associated with drainage control construction would be temporary in nature. The proposed operation would generate approximately 12.5 million cubic yards of overburden, of which over 3.65 million cubic yards would be excess overburden and would be placed in the three permanent valley fills. Approximately 407 cubic yards of this material would be placed into 2,744 linear feet (0.342 acre) of intermittent streams and 523 linear feet (0.039 acre) of ephemeral streams for a total permanent stream impact of 3,267 linear feet (0.381 acre). The proposed valley fills would drain contributing watersheds ranging from 37.39 acres (Valley Fill 2) to 121.51 acres (Valley Fill 1). Adverse impacts associated with valley fill construction would be permanent in nature. A summary of each mine is below.

COVE MOUNTAIN MINE

The Cove Mountain mine would affect a total of 63.10 surface acres, including approximately 4.69 acres of mineral removal contour area. Initial operations (development phase) envisioned under this project would excavate approximately 1,419,366 bank cubic yards of overburden from the face-up and haul road areas. This work would recover approximately 38,000 tons of coal reserve from the face-up area. Using a 25% swell factor, the total projected overburden volume to be handled becomes approximately 1,773,292 cubic yards. Of this volume, 7,505 cubic yards would be used in a haulroad fill and the remaining 1,772,530 cubic yards (excess) would be placed in Valley Fill 3. Construction of Valley Fill 3 would impact 974 linear feet (0.129 acre) of intermittent streams and 488 linear feet (0.039 acre) of ephemeral streams. Its associated Sediment Pond 3 would temporarily impact 237 linear feet (0.055 acre) of intermittent stream. This operation proposes to utilize the deep mining method to mine approximately 1,200,000 tons of coal reserves from two major coal horizons, the Lower Kittanning and Middle Kittanning, would be mined for this project. These seams would be extracted in both the development phase (mine face-up) and active (underground) phases. These seams are located vertically at an average of approximately 30-feet apart. The coal reserve is located along the ridge between Birch River and Skyles Creek, tributary of Birch River of the Elk River in the Kanawha River basin.

BRANDY STATION MINE

The Brandy Station mine would affect a total of 121.00 surface acres, including approximately 84.05 acres of contour mineral removal area. Contour operations proposed under the Brandy Station Mine phase of the project would excavate approximately 8,575,737 bank cubic yards of overburden from the mining area. This work would recover approximately 1,200,000 tons of coal reserve from three major coal horizons, the Lower Kittanning, Middle Kittanning and Upper Kittanning seams. The Lower Kittanning is only being mined incidental to construction of the haulroad to the Cove Mountain Mine. These seams would be extracted by the surface contour method. No potential augering or highwall mining is planned. These seams are located vertically approximately seven feet apart between the Lower and Middle Kittanning seam and approximately 110 feet between the Middle and Upper Kittanning seam, where it may exist. The coal reserve is located adjacent and to the east of the Cove Mountain area, along the ridge between Birch River and Skyles Creek, tributary of Birch River of the Elk River in the Kanawha River basin. Using a 25% swell factor, the total projected overburden volume to be handled becomes 10,720,587 loose cubic yards. Of this volume, 8,979,113 cubic yards would be returned to the mining area for meeting Approximate Original Contour requirements and the remaining 1,741,474 cubic yards (excess) would be placed in Valley Fills 1 and 2. Construction of Valley Fills 1 and 2 would impact 1,770 linear feet (0.213 acre) of intermittent streams and 35 linear feet (0.00 acre) of ephemeral streams. Their associated Sediment Ponds 1 and 2 would temporarily impact 477 linear feet (0.078 acre) of intermittent streams.

COVE MOUNTAIN / BRANDY STATION MINES

Mining would begin upon completion of deep mine operations under the Cove Mountain phase. Operations would include contour mining the Middle Kittanning and Lower Kittanning seams at the Brandy Station area. Overburden materials generated would be utilized to reclaim the deep mine face-up, backfill the contour areas and construct the fills to their final configuration. Abandonment would involve the reclamation of the disturbed permit area. The Cove Mountain mine portals and stockpile areas will be backfilled and regraded following the construction of the mine seals. Finally, other remaining disturbed areas would be graded and seeded. Drainage control would remain in-place and functional until removal is approved by the WVDEP. Details regarding the proposed mining plans can be found in Section N of the applicant's Surface Mining Applications on file at the WVDEP.

The proposed permit area (including the Cove Mountain and Brandy Station Mines) would result in a total surface and underground disturbance of approximately 345.38 acres of land, of which 265.38 acres would consist of the mineral extraction areas (face-up, underground and contour). Based on sequential backfilling and concurrent reclamation of the mine areas, the applicant would comply with the contemporaneous reclamation requirements of WVDEP Surface Mining Reclamation Regulations. The proposed project is anticipated to mine 2.4 million tons of bituminous coal via a combination of contour and underground extraction over a 6- to 8-year period. According to the applicant, the purpose of the project is to recover the bituminous coal reserves from the Upper, Middle and Lower Kittanning coal seams with associated rider seams. Reserves from the project site would be sold on the market to satisfy a currently high demand for coal. Plans for the proposed facility are attached to this public notice.

ALTERNATIVE ANALYSIS: This project is not considered to be water dependent; therefore, the applicant is required to show that other less damaging practicable alternatives are not available that would achieve the overall project purpose. No permit will be issued until our review of the alternative analysis clearly shows that upland alternatives are not available to achieve the overall project purpose.

MITIGATION PLAN: The applicant has submitted a Compensatory Mitigation Plan (CMP) to compensate for permanent and temporary impacts to waters of the U.S. that are regulated by the USACE. Brooks Run proposes to establish 5,581 linear feet of intermittent stream channels and 1,091 feet of ephemeral stream channels on the Brandy Station permit area using natural stream design techniques and concepts. Additionally, the stream segments temporarily impacted by sediment control and suspended solids would be re-established and restored to their approximate original contours using natural stream design techniques and concepts. A minimum 50-foot vegetated buffer zone, consisting of native, non-invasive species, would be established along each established and restored stream segment.

WATER QUALITY CERTIFICATION: A Section 401 Water Quality Certification is required for this project. It is the applicant's responsibility to obtain certification from the WVDEP.

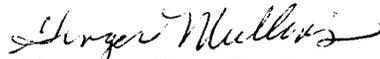
HISTORIC AND CULTURAL RESOURCES: The National Register of Historic Places (NRHP) has been consulted and it has been determined there are no properties currently listed on the register that are in the area affected by the project. A "Phase I Cultural Resources Survey for the Proposed Cove Mountain Deep Mine, Brooks Run Mining Company, Webster County, West Virginia" was completed for the proposed project. Systematic survey of the project area located no previously unrecorded historic or prehistoric sites. The survey further stated no rock outcrops are present. The West Virginia Division of Cultural and History (SHPO) concurred with this finding in a letter dated December 2, 2005. SHPO further stated the report addressed their concerns regarding the presence of archaeological resources within the project area and stated this project would have no effect on any known historic, architectural or archaeological resources. A copy of this public notice will be sent to the SHPO for their review. Additional comments concerning archeological sensitivity of a project area should be based upon collected data.

ENDANGERED/THREATENED SPECIES REVIEW: Two federally listed endangered species, the Indiana bat (*Myotis sodalis*) and Virginia big-eared bat (*Corynorhinus townsendii virginianus*) may occur within the project area. A Mist-net survey was completed within the proposed project area during August 9-10, 2004. No Indiana bats were captured during the survey efforts. The proposed project area was investigated for the presence of open, abandoned portals or other features that could provide summer and winter habitat for the Virginia big-eared bat or hibernaculum for the Indiana bat. No portals or other features were identified within the proposed project area that provide habitat for these endangered bats. The USACE has determined the proposed project is not likely to adversely affect threatened or endangered species or their critical habitat. The survey will remain valid until May 15, 2007. The USFWS concurred with the survey findings in a letter dated October 21, 2005. Section 7 requirements under the Endangered Species Act (ESA) have been fulfilled. This public notice serves as a request to the Service for any additional information they may have on whether any listed or proposed to be listed endangered or threatened species may be present in the ESA Species Act of 1972 (as amended).

PUBLIC INTEREST REVIEW AND COMMENT: Any person who has an interest that may be adversely affected by the issuance of a permit may request a public hearing. The request must be submitted in writing to the District Engineer on or before the expiration date of this notice and must clearly set forth the interest, which may be adversely affected, and the manner in which the interest may be adversely affected by the activity. This application will be reviewed in accordance with 33 CFR 320-331, the Regulatory Program of the USACE, and other pertinent laws, regulations, and executive orders. Our evaluation will also follow the guidelines published by the U. S. Environmental Protection Agency pursuant to Section 404(b)(1) of the CWA. Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors that may be relevant to the proposal will be considered including the cumulative effects thereof; of those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. Written statements on these factors received in this office on or before the expiration date of this public notice will become a part of the record and will be considered in the final determination. A permit will be granted unless its issuance is found to be contrary to the public interest.

SOLICITATION OF COMMENTS: The USACE is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. For accuracy and completeness of the administrative record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. Any comments received will be considered by the USACE to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

CLOSE OF COMMENT PERIOD: All comments pertaining to this Public Notice must reach this office on or before the close of the comment period listed on page one of this Public Notice. If no comments are received by that date, it will be considered that there are no objections. Comments and requests for additional information should be submitted to Mrs. Teresa Spagna, Project Manager, South Regulatory Section, CELRH-OR-FS, USACE Huntington District, 502 Eighth Street, Huntington, West Virginia 25701-2070. Please note names and addresses of those who submit comments in response to this public notice become part of our administrative record and, as such, are available to the public under provisions of the Freedom of Information Act. Thank you for your interest in our nation's water resources.


Ginger Mullins, Chief
Regulatory Branch

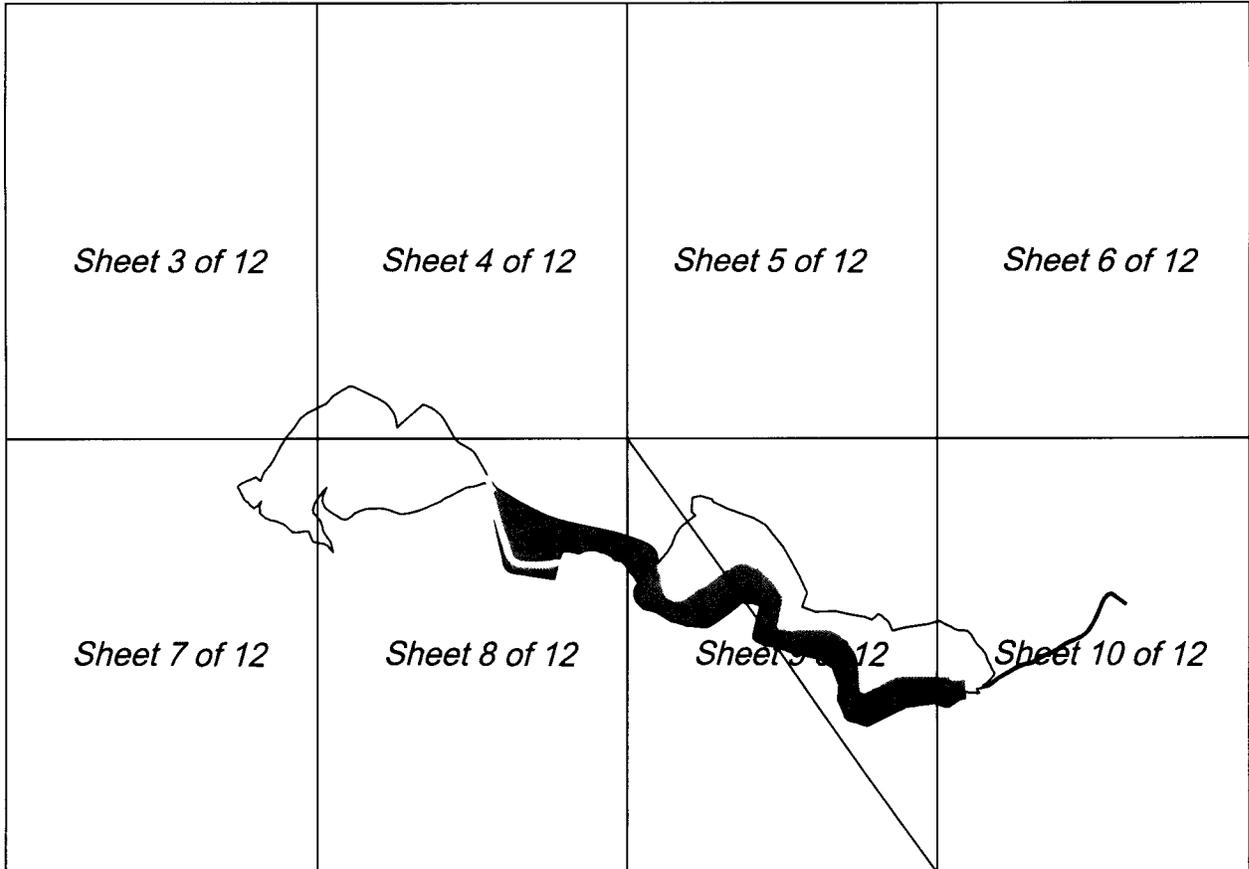
(W)

**BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN / BRANDY STATION MINES
PROPOSED IMPACTS TO WATERS OF THE U.S.**

Structure	Permanent Intermittent		Permanent Ephemeral		Total Permanent Impacts		Temporary Intermittent		Temporary Ephemeral		Total Temporary Impacts	
	ft.	ac.	ft.	ac.	ft.	ac.	ft.	ac.	ft.	ac.	ft.	ac.
Valley Fill #1	1,250	0.163	35	0	1,285	0.163						
Pond 1							265	0.038	0	0	265	0.043
Valley Fill #2	520	0.050	0	0	520	0.050						
Pond 2							212	0.040	0	0	212	0.050
Valley Fill #3	974	0.129	488	0.039	1,462	0.168						
Pond 3							237	0.055	0	0	237	0.060
Sub-total	2,744	0.342	523	0.039	3,267	0.381	714	0.133	0	0	714	0.153

Sheet 1 of 12 - Title/Legend

Sheet 2 of 12 - Index



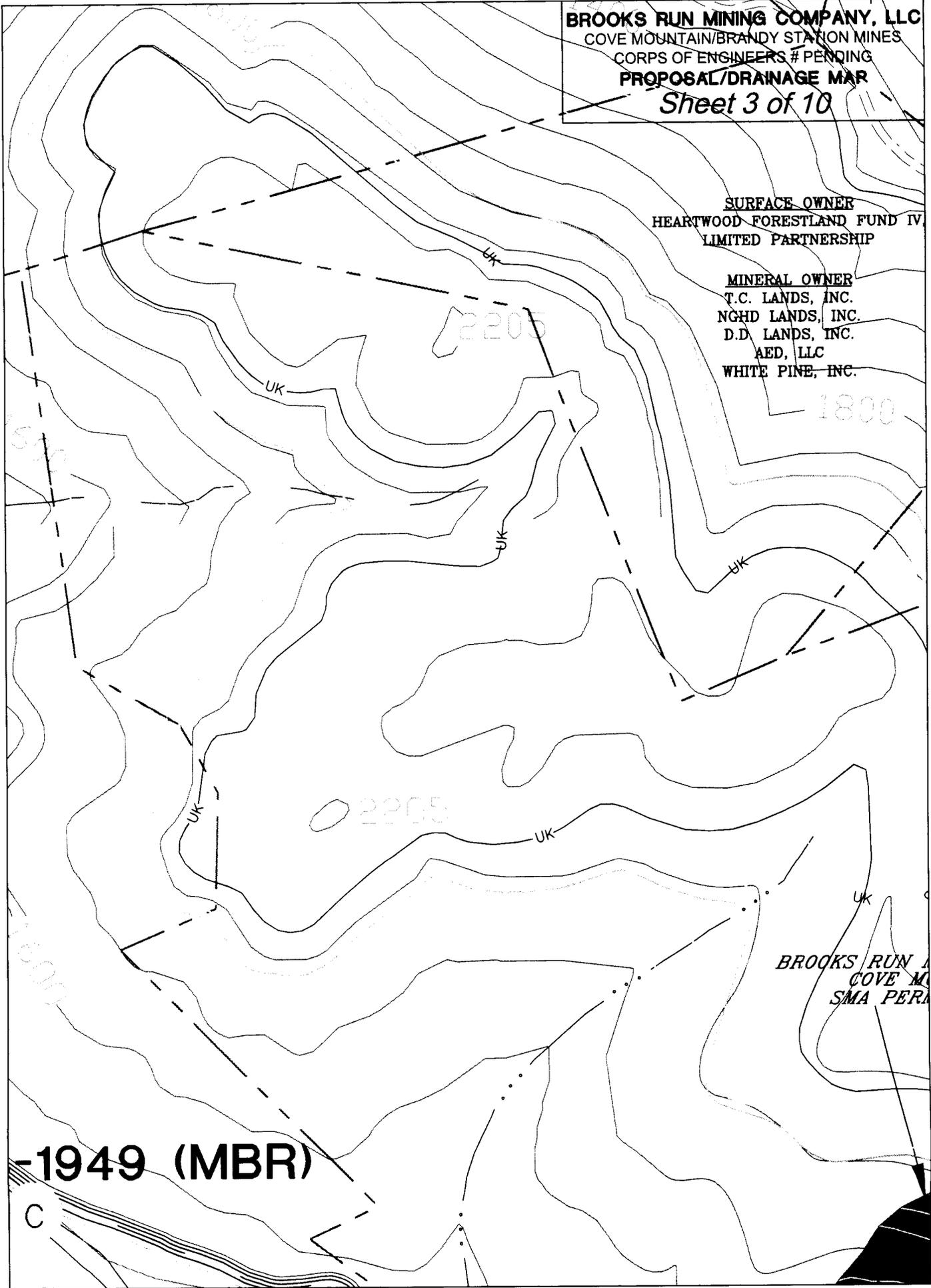
BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN/BRANDY STATION MINES
CORPS OF ENGINEERS # PENDING
PROPOSAL/DRAINAGE MAP
Sheet 2 of 10

2 of 16

BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN/BRANDY STATION MINES
CORPS OF ENGINEERS # PENDING
PROPOSAL/DRAINAGE MAP
Sheet 3 of 10

SURFACE OWNER
HEARTWOOD FORESTLAND FUND IV,
LIMITED PARTNERSHIP

MINERAL OWNER
T.C. LANDS, INC.
NGHD LANDS, INC.
D.D. LANDS, INC.
AED, LLC
WHITE PINE, INC.



BROOKS RUN
COVE M
SMA PERM

-1949 (MBR)

BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN/BRANDY STATION MINES
CORPS OF ENGINEERS # PENDING
PROPOSAL/DRAINAGE MAP
Sheet 4 of 10

4-1894 (DSC)

SURFACE OWNER
M-B, LLC

MINERAL OWNER
T.C. LANDS, INC.
NGHD LANDS, INC.
D.D. LANDS, INC.
AED, LLC
WHITE PINE, INC.

4-1937 (USC)

BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN MINE
MIT S-2001-05

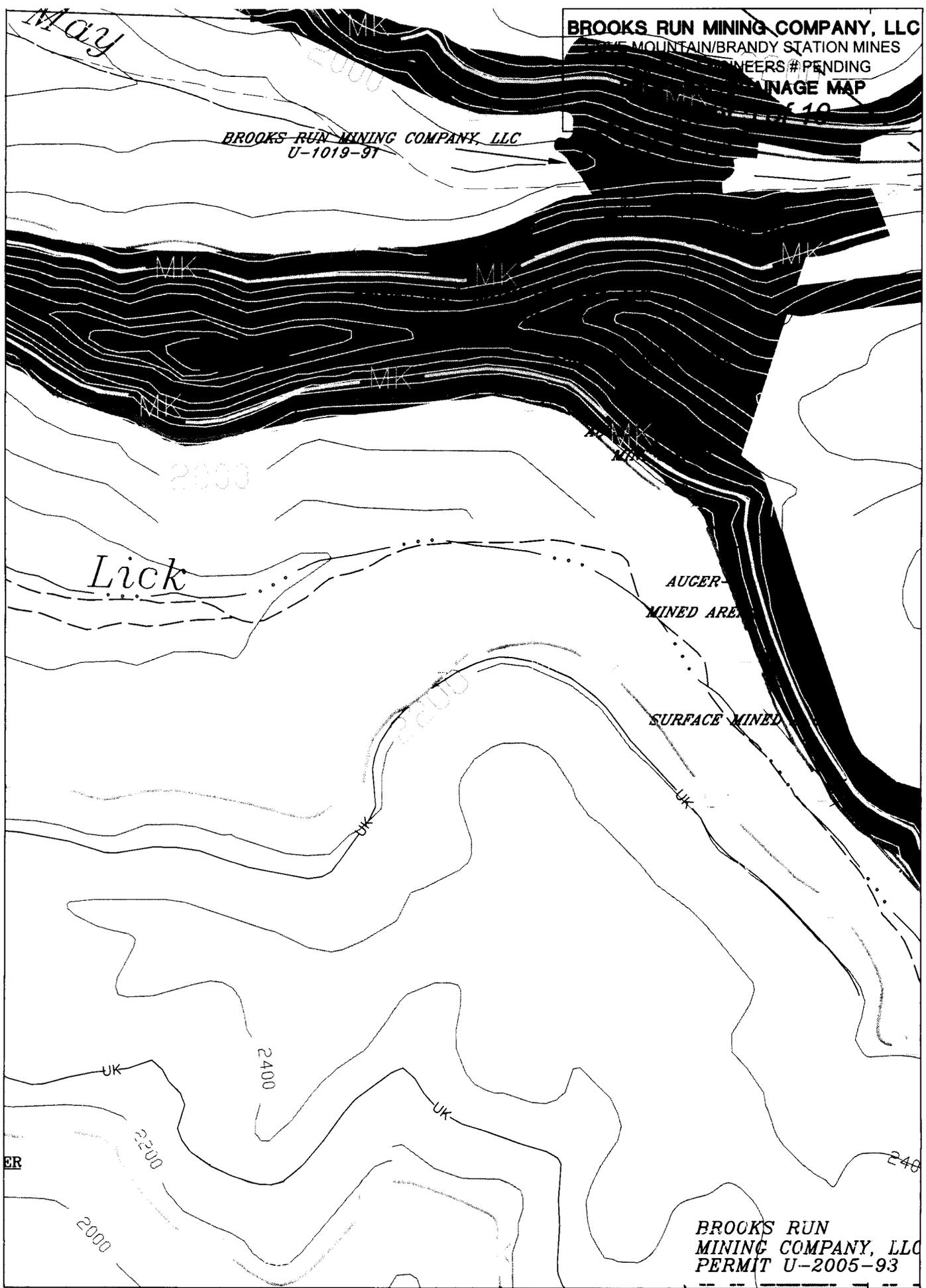
Skyles



SURFACE AND MINERAL OWN
M-B, LLC
FEE

BROOKS RUN MINING COMPANY, LLC
SHEEP MOUNTAIN/BRANDY STATION MINES
ENGINEERS # PENDING
MANAGEMENT MAP
MAY 10 10

BROOKS RUN MINING COMPANY, LLC
U-1019-91



BROOKS RUN
MINING COMPANY, LLC
PERMIT U-2005-93

5 of 16

COMPANY, LLC

BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN/BRANDY STATION MINES
CORPS OF ENGINEERS # PENDING
PROPOSAL/DRAINAGE MAP
Sheet 6 of 10!

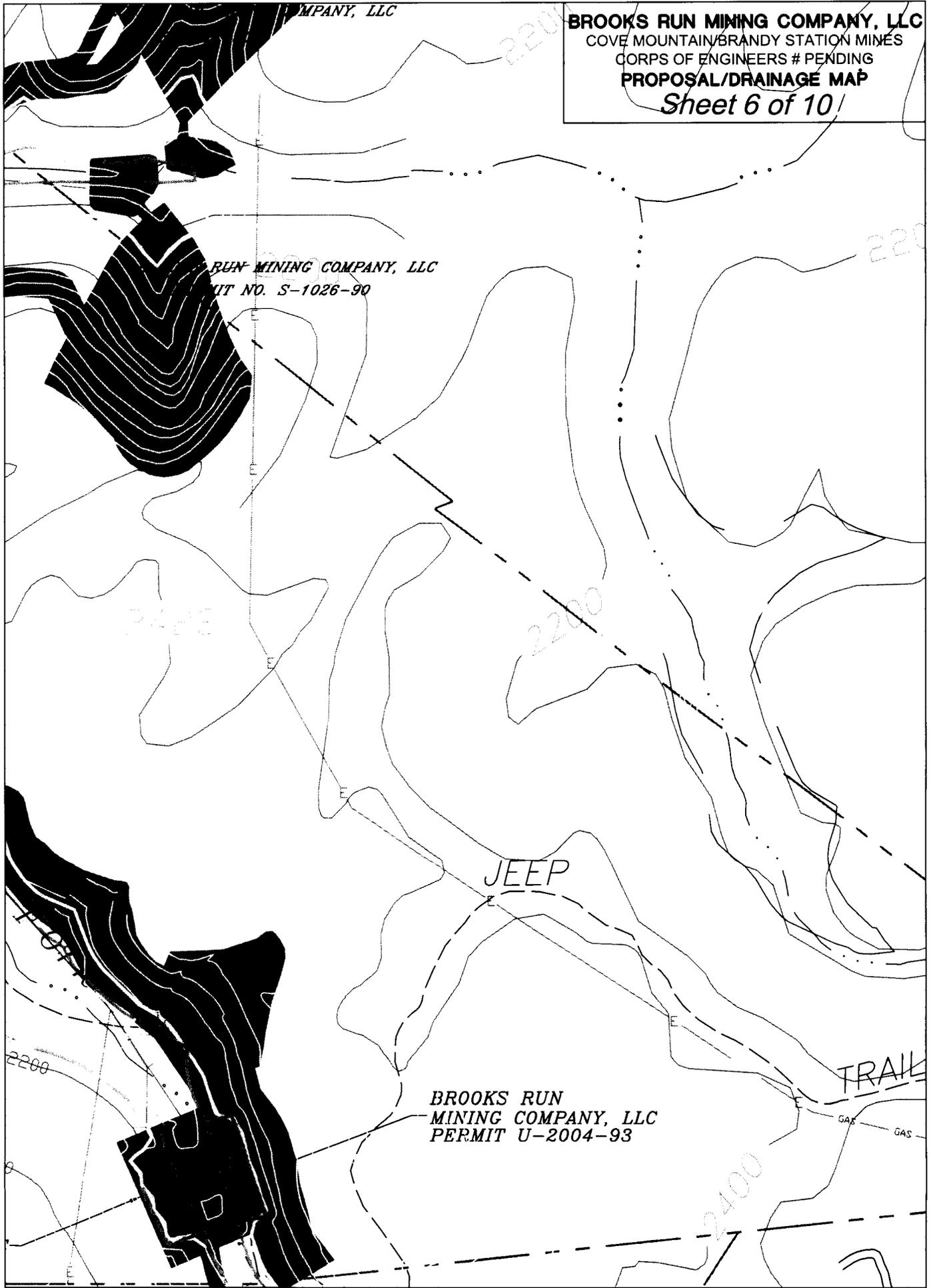
BROOKS RUN MINING COMPANY, LLC
PERMIT NO. S-1026-90

BROOKS RUN
MINING COMPANY, LLC
PERMIT U-2004-93

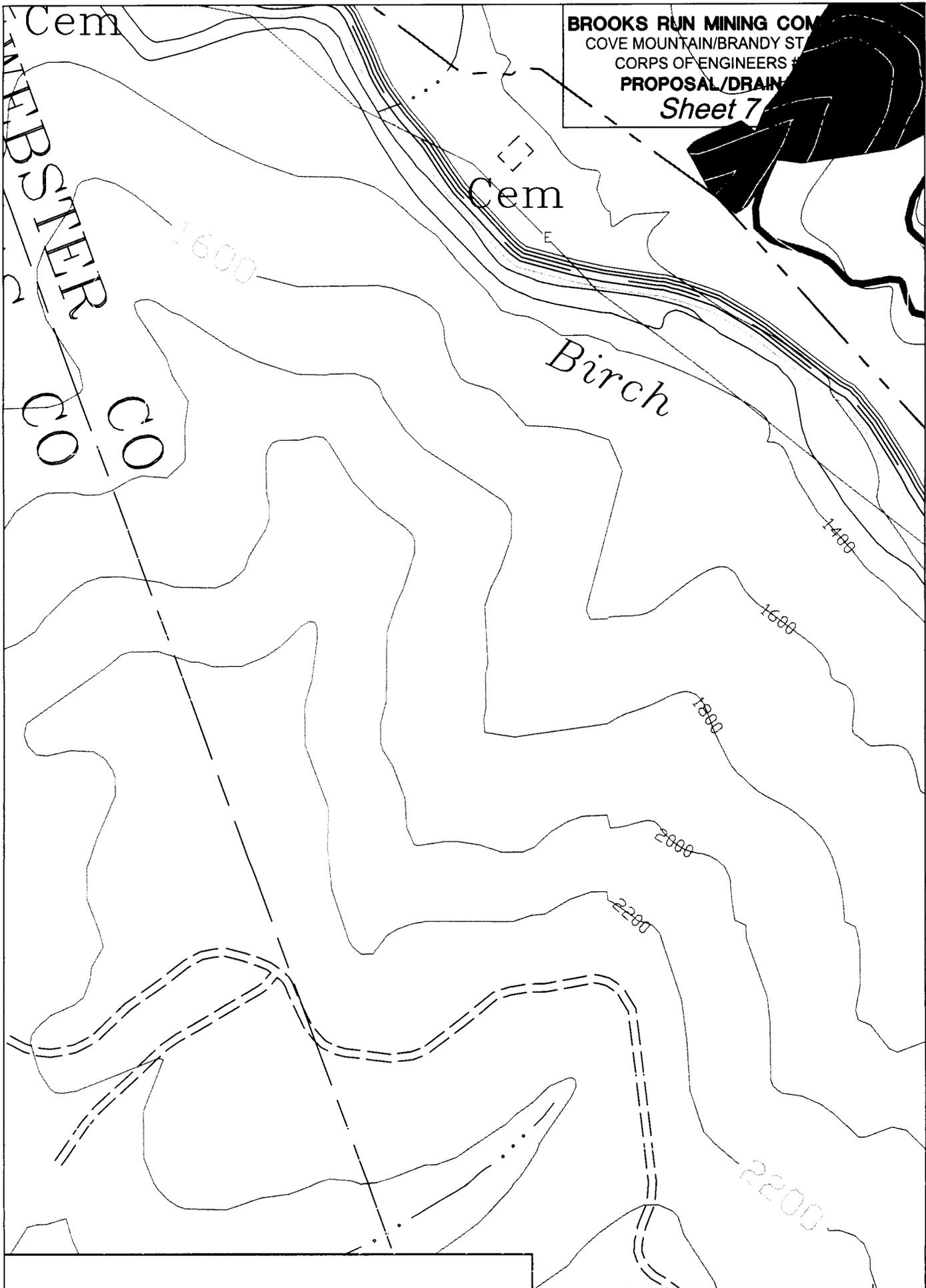
JEEP

TRAIL

GAS GAS



BROOKS RUN MINING COM
COVE MOUNTAIN/BRANDY ST
CORPS OF ENGINEERS #
PROPOSAL/DRAIN
Sheet 7

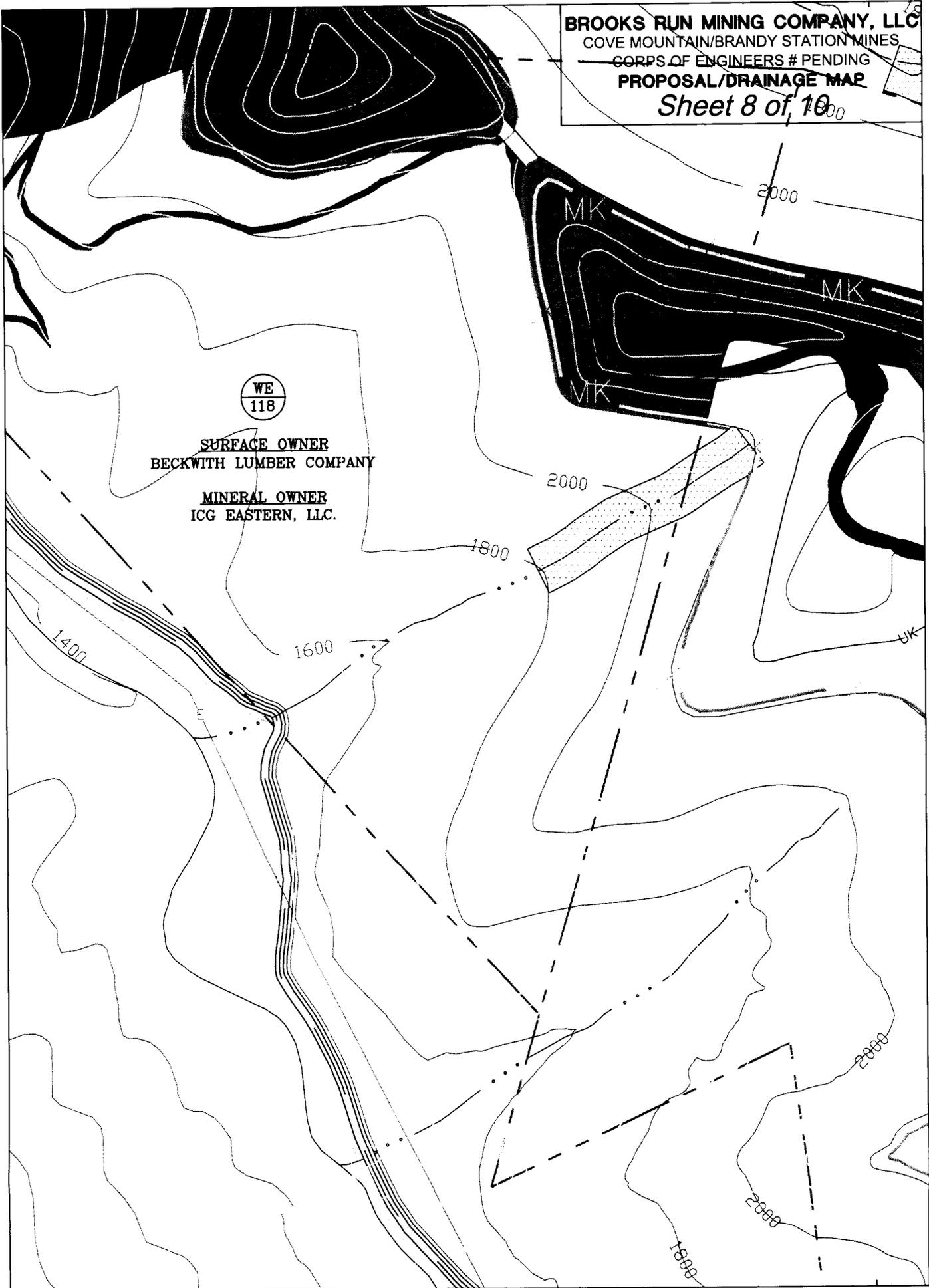


BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN/BRANDY STATION MINES
CORPS OF ENGINEERS # PENDING
PROPOSAL/DRAINAGE MAP
Sheet 8 of 1000

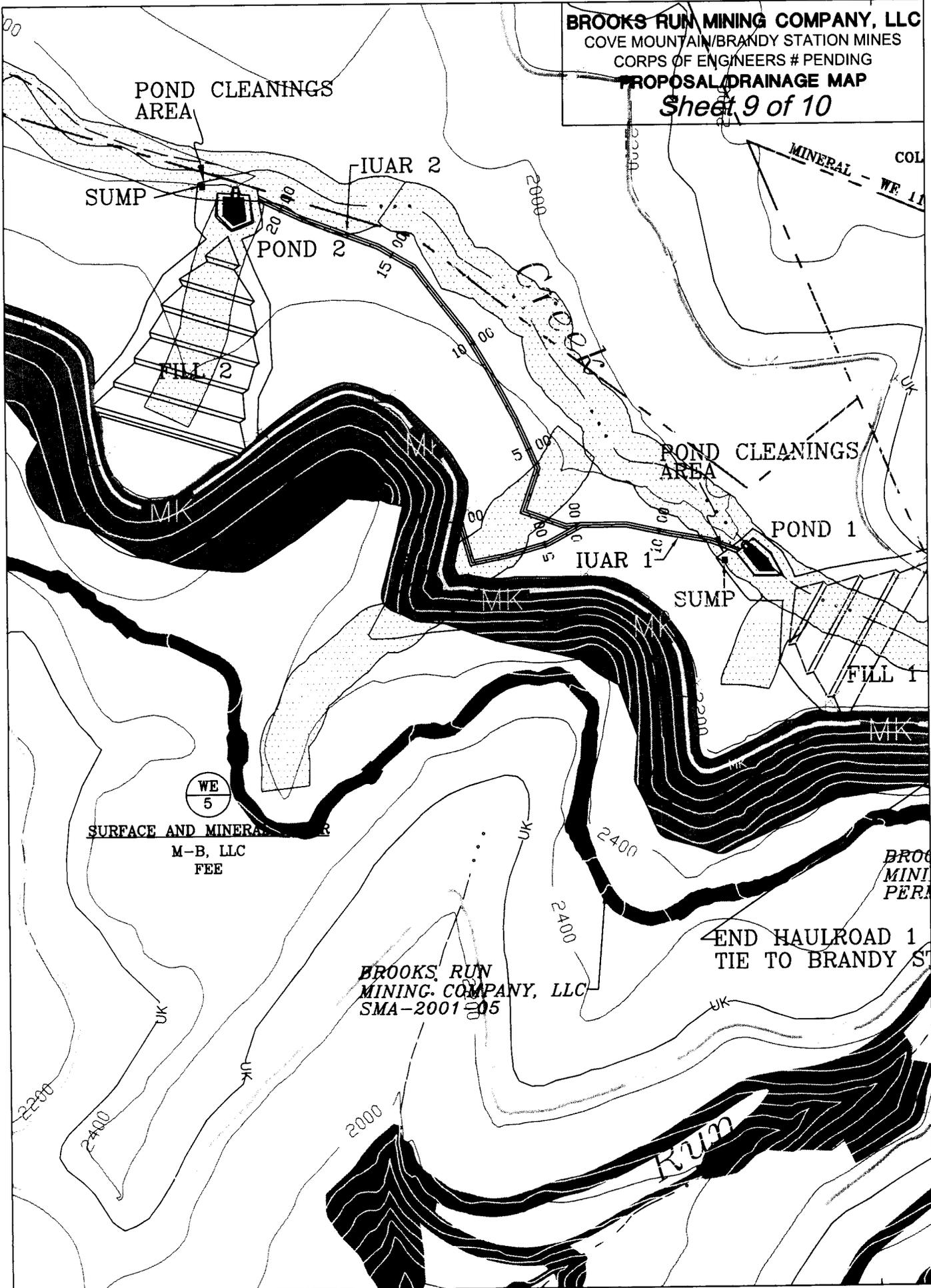
WE
118

SURFACE OWNER
BECKWITH LUMBER COMPANY

MINERAL OWNER
ICG EASTERN, LLC.



BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN/BRANDY STATION MINES
CORPS OF ENGINEERS # PENDING
PROPOSAL DRAINAGE MAP
Sheet 9 of 10



SURFACE AND MINERAL
M-B, LLC
FEE

BROOKS RUN
MINING COMPANY, LLC
SMA-2001-05

BROOKS
MINING
PERMIT

BROOKS RUN MINING COMPANY, LLC
COVE MOUNTAIN/BRANDY STATION MINES
CORPS OF ENGINEERS # PENDING
PROPOSAL/DRAINAGE MAP
Sheet 10 of 10

SURFACE OWNER
COLUMBIA WY CORPORATION

ROBERT SUMNER HEIRS c/o DOLLY SUMNER

WE
16

SURFACE OWNER
COLUMBIA WY CORPORATION

**BROOKS RUN
MINING COMPANY, LLC**
PERMIT DO-110-82

WE 116 - CHARLES T. SINK & WILLIAM W. TALENT
WE 116 - CHARLES T. SINK & WILLIAM W. TALENT

WE
16

SURFACE OWNER
JULIANNNA MINING COMPANY, INC.

**BROOKS RUN
MINING COMPANY, LLC**
PERMIT U-2007-87

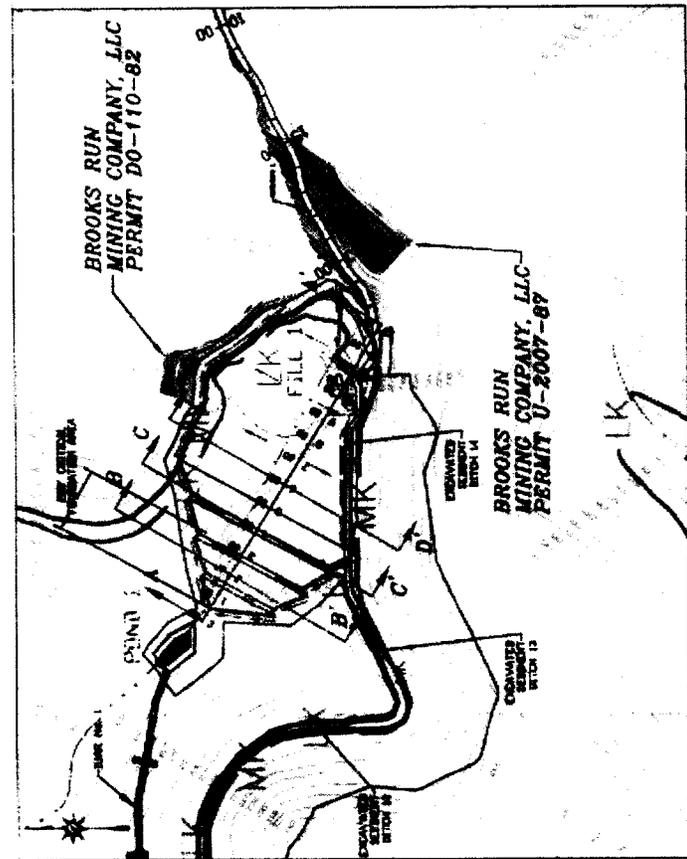
STA. 24+97
BRANDY STATION MINE

JEEP Lick
BEGIN HAULROAD 1 STA. 0+00
TIE INTO U-2003-01

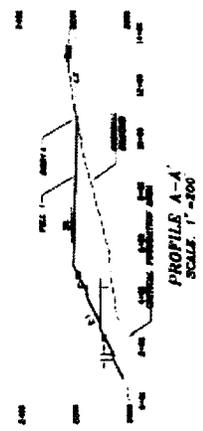
TRAIL

Strip
Mines

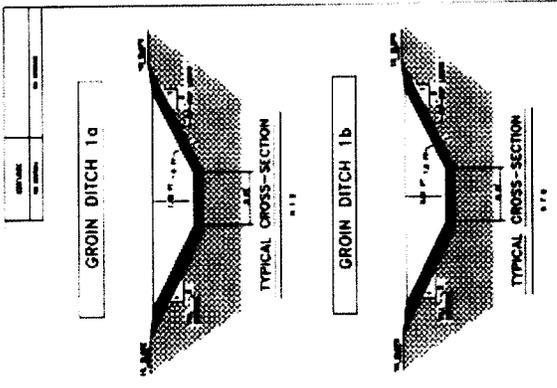
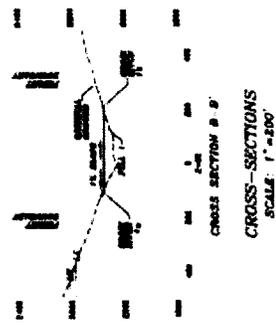
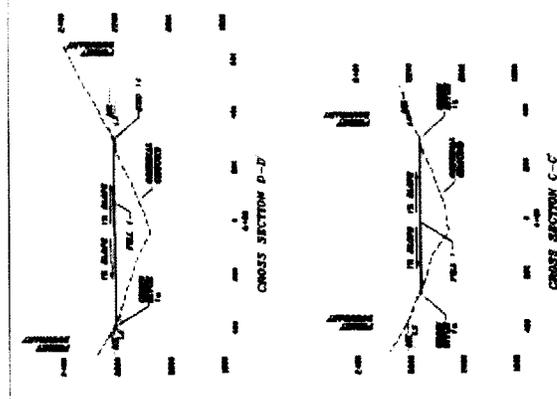
MINE



PLAN VIEW
SCALE: 1"=200'

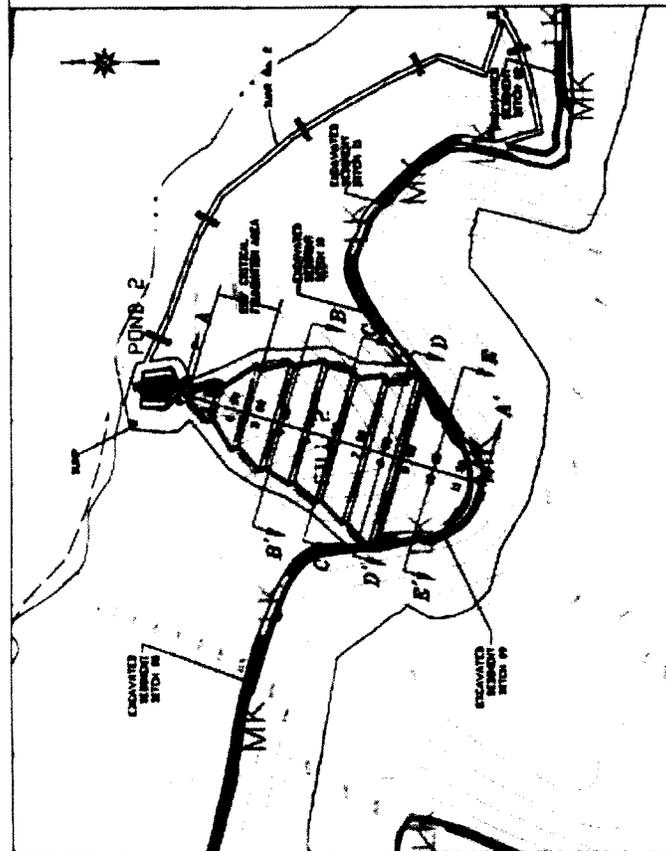


- LEGEND**
- PROPOSED TERRACE
 - PROPOSED BENCH
 - PROPOSED DITCH
 - PROPOSED ROAD
 - PROPOSED FILL
 - PROPOSED EXCAVATION
 - PROPOSED CONCRETE
 - PROPOSED METAL
 - PROPOSED WOOD
 - PROPOSED STEEL
 - PROPOSED BRICK
 - PROPOSED BLOCK
 - PROPOSED TILE
 - PROPOSED GLASS
 - PROPOSED PLASTER
 - PROPOSED PAINT
 - PROPOSED VARNISH
 - PROPOSED STAIN
 - PROPOSED POLISH
 - PROPOSED WAX
 - PROPOSED OIL
 - PROPOSED GREASE
 - PROPOSED SOAP
 - PROPOSED DETERGENT
 - PROPOSED DISINFECTANT
 - PROPOSED ANTISEPTIC
 - PROPOSED ANESTHETIC
 - PROPOSED PAINKILLER
 - PROPOSED SLEEPING PILL
 - PROPOSED ANTIBIOTIC
 - PROPOSED VITAMIN
 - PROPOSED MINERAL
 - PROPOSED SUPPLEMENT
 - PROPOSED HERB
 - PROPOSED MUSHROOM
 - PROPOSED FUNGUS
 - PROPOSED BACTERIA
 - PROPOSED VIRUS
 - PROPOSED PARASITE
 - PROPOSED INSECT
 - PROPOSED MAMMAL
 - PROPOSED BIRD
 - PROPOSED REPTILE
 - PROPOSED AMPHIBIAN
 - PROPOSED MOLLUSK
 - PROPOSED ARACHNID
 - PROPOSED NEMLINE
 - PROPOSED PLANT
 - PROPOSED ANIMAL
 - PROPOSED ROCK
 - PROPOSED SOIL
 - PROPOSED WATER
 - PROPOSED AIR
 - PROPOSED FIRE
 - PROPOSED LIGHT
 - PROPOSED SOUND
 - PROPOSED HEAT
 - PROPOSED COLD
 - PROPOSED WIND
 - PROPOSED RAIN
 - PROPOSED SNOW
 - PROPOSED HAIL
 - PROPOSED ICE
 - PROPOSED FOG
 - PROPOSED MIST
 - PROPOSED CLOUD
 - PROPOSED RAINBOW
 - PROPOSED SUN
 - PROPOSED MOON
 - PROPOSED STAR
 - PROPOSED PLANET
 - PROPOSED GALAXY
 - PROPOSED UNIVERSE

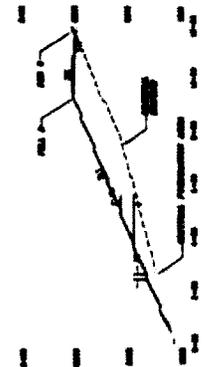


THE PLAN, PROFILES AND CROSS SECTIONS
SHOWN ON THESE SHEETS ARE THE PROPERTY OF
BRANDY STATION MINE
AND SHALL BE KEPT IN THE
POSSESSION OF THE ENGINEER
AND NOT TO BE REPRODUCED OR
COPIED IN ANY MANNER WITHOUT THE
WRITTEN CONSENT OF THE ENGINEER
VOLUME: 1111523 E.A.

PLAN, PROFILES AND CROSS SECTIONS	
BRANDY STATION MINE	
DESIGNED BY: [Name]	
CHECKED BY: [Name]	
DRAWN BY: [Name]	
DATE: [Date]	
SCALE: [Scale]	
SHEET NO. [Number]	
PROJECT NO. [Number]	
ENGINEER: [Name]	
FIRM: [Name]	
ADDRESS: [Address]	
CITY: [City]	
STATE: [State]	
ZIP: [Zip]	
PHONE: [Phone]	
FAX: [Fax]	
E-MAIL: [Email]	
WWW: [Website]	
PROJECT LOCATION: [Location]	
PROJECT DESCRIPTION: [Description]	
DATE OF ISSUE: [Date]	
ISSUED BY: [Name]	
ISSUED FOR: [Name]	
ISSUED TO: [Name]	
ISSUED AT: [Location]	
ISSUED BY: [Name]	
ISSUED FOR: [Name]	
ISSUED TO: [Name]	
ISSUED AT: [Location]	



PLAN VIEW
SCALE: 1"=500'

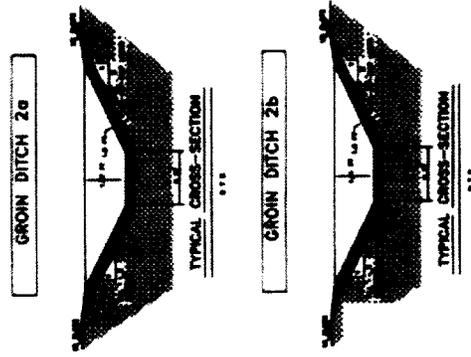


PROFILE A-A'
SCALE: 1"=500'

- LEGEND**
- PROPOSED
 - EXISTING
 - EXCAVATED
 - REMAINS
 - CONCRETE
 - FENCE
 - ROAD
 - POWERLINE



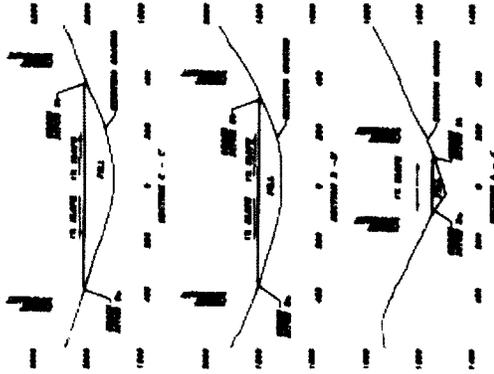
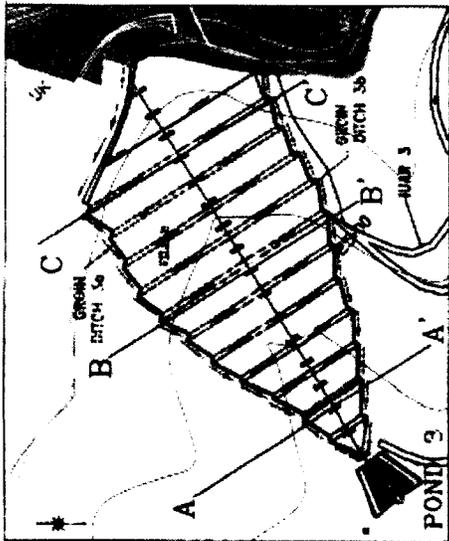
TERRACE BENCH DESIGN



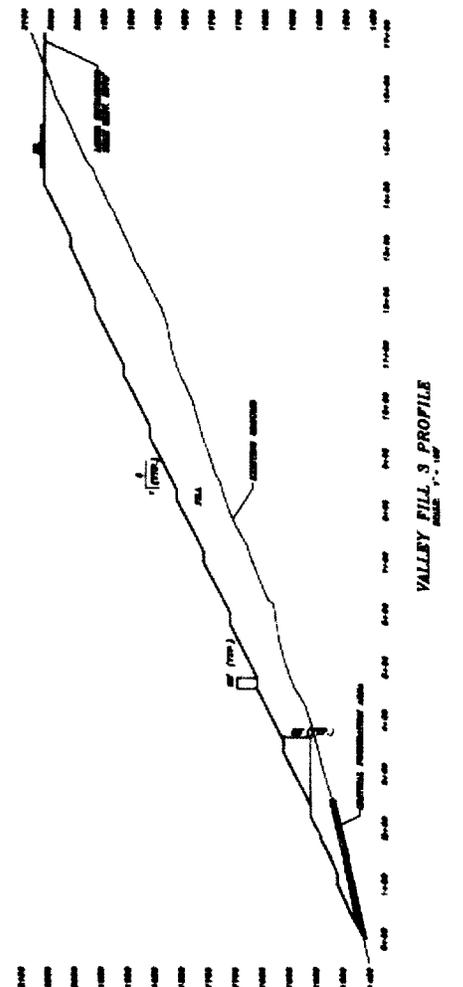
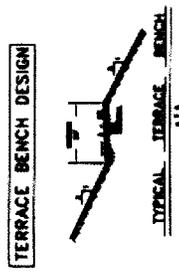
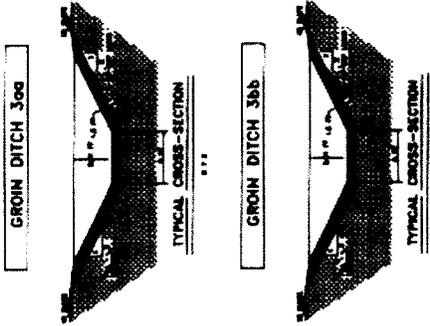
THE WORK SHOWN ON THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.

DATE: 11/15/11
 DRAWN BY: J. J. [Name]
 CHECKED BY: [Name]
 PROJECT: BRANDY STATION MINE
 SHEET: 23-11-11-01

PLAN, PROFILE AND CROSS SECTIONS	
BRANDY STATION MINE	
BRANDY STATION MINE COMPANY, LLC	
10000 BRANDY STATION ROAD, BRANDY, WV 26033	
DATE: 11/15/11	SCALE: AS SHOWN
BY: J. J. [Name]	CHECKED BY: [Name]
PROJECT: BRANDY STATION MINE	SHEET: 23-11-11-01
J. J. [Name] ENGINEERING, INC. 10000 BRANDY STATION ROAD BRANDY, WV 26033 PHONE: 304-799-1111 FAX: 304-799-1112 WWW: WWW.JJENGINEERING.COM	



FILL NO. 3 CROSS SECTIONS



VALLEY FILL 3 PROFILE

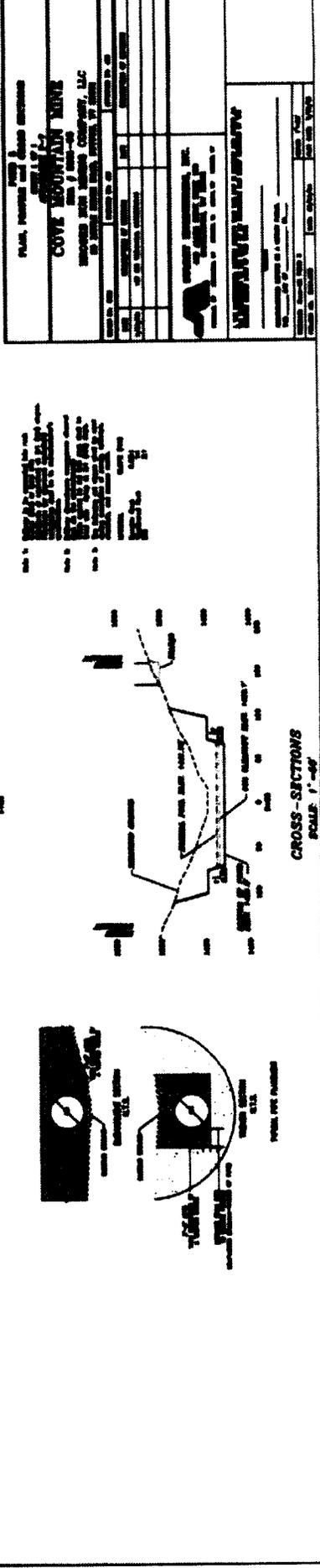
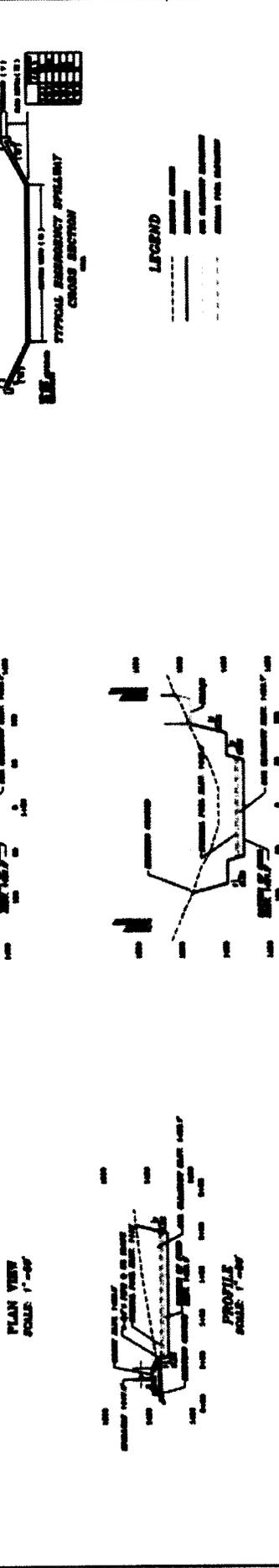
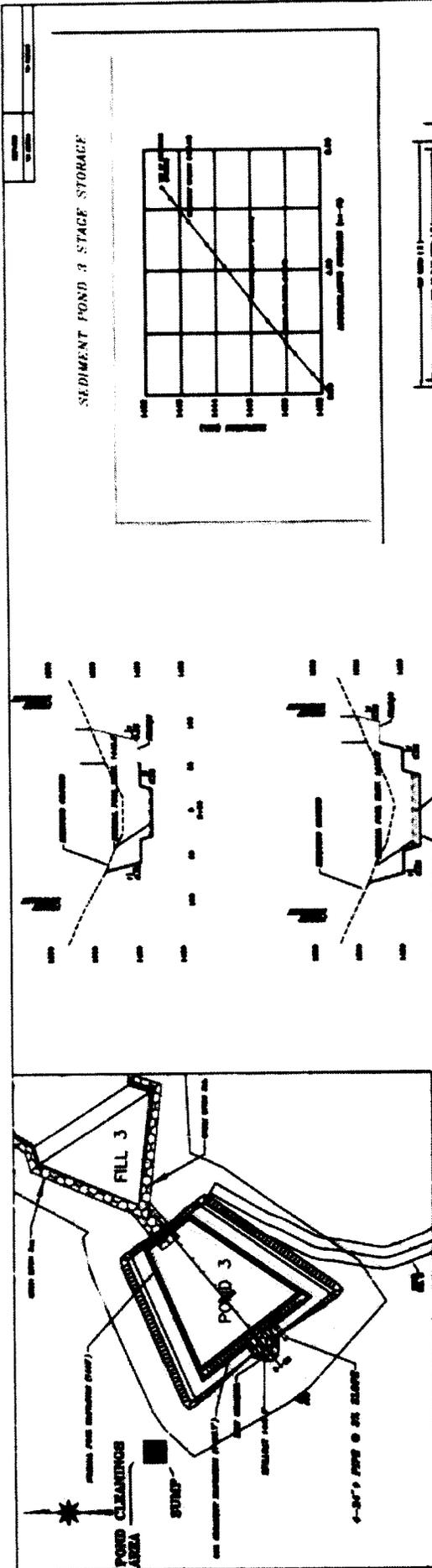
TOTAL FILL VOLUME 1,772,530 CY

LEGEND

██████████	EXISTING TERRACE
██████████	PROPOSED TERRACE
██████████	PROPOSED DITCH
██████████	PROPOSED BENCH
██████████	PROPOSED FILL

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL HEALTH DEPARTMENT, STATE DEPARTMENT OF HEALTH, AND LOCAL WATER SUPPLY AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL HEALTH DEPARTMENT, STATE DEPARTMENT OF HEALTH, AND LOCAL WATER SUPPLY AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL HEALTH DEPARTMENT, STATE DEPARTMENT OF HEALTH, AND LOCAL WATER SUPPLY AGENCIES.

VALLEY FILL 3	
SHEET NO. 1 OF 1	
COVE MOUNTAIN MINE	
ENGINEER: [Name]	
DATE: [Date]	
DRAWN BY: [Name]	
CHECKED BY: [Name]	
APPROVED BY: [Name]	
SCALE: [Scale]	
PROJECT NO. [Number]	
SHEET NO. [Number]	
DATE: [Date]	



PLAN, PROFILE AND CROSS SECTIONS	
COVE MOUNTAIN MINE	
DESIGNED BY: [Redacted]	
DRAWN BY: [Redacted]	
CHECKED BY: [Redacted]	
DATE: [Redacted]	
SCALE: 1"=40'	
PROJECT NO. [Redacted]	
SHEET NO. [Redacted]	
TOTAL SHEETS: [Redacted]	
DATE: [Redacted]	
DRAWN BY: [Redacted]	
CHECKED BY: [Redacted]	
DATE: [Redacted]	