

# LEGEND

- COVER MATERIAL
- 900 EXISTING CONTOURS
- 900 FINAL GRADE
- HIGHWAY RESTRICTED AREA
- PROPERTY LINE
- SMP LIMIT
- HIGHWAY/STREAM VARIANCE AREA (SEE MODULES 10 AND 13)
- SEDIMENT TRAP
- COLLECTION CHANNEL (TEMPORARY)
- COLLECTION CHANNEL (FINAL)
- DIVERSION
- TERRACE
- CULVERT C-1-1
- MINE POOL LIMITS
- MINE POOL FLOW
- EXISTING STREAM
- PROPOSED RECONSTRUCTED STREAM CHANNEL (SEE MODULE 13)
- PROPOSED MONITORING WELL
- EXISTING COMMON USE ROAD TO REMAIN
- RIP-RAP CHANNEL OUTLET
- SUPPORT AREA ASH DISPOSAL LIMITS
- OPERATION SEQUENCE

- PHASE 1 BONDING REQUIREMENTS 81-02
- MINING AT 85' ASH DISPOSAL AREA 11.4 ACRES
  - SUPPORT/ASH DISPOSAL AREA 38.8 ACRES

SEE SHEETS IATHRU 4 FOR CROSS SECTIONS & DETAILS

EXISTING CONTOURS OBTAINED FROM AERIAL MAPPING - U.S.G.S. DATUM

SEE MODULE 13 FOR STREAM CHANNEL RECONSTRUCTION DETAILS.

- THE ENTIRE SURFACE MINING PERMIT AREA HAS BEEN AFFECTED BY PRE-ACT MINING.
- MOST CROPLINES HAVE BEEN REMOVED BY PREVIOUS SURFACE MINING.
- EXISTING DRAINAGE IS CONTROLLED BY PRE-ACT SITE CONDITIONS.
- THERE WILL BE NO RUN DISCHARGE DIRECTLY TO A RECEIVING STREAM DUE TO THIS OPERATION.
- HAUL ROADS WILL USE ROADSIDE DITCHES, CULVERTS AND RUNOFF TURNOUTS TO CONTROL AND LIMIT FLOW. TURNOUTS WILL BE INSTALLED EVERY 0.5 MILE OR AS NEEDED.
- ON-SITE PRE-ACT MINING AREAS WILL BE BONDED AND RECLAIMED AS AFFECTED.
- ASH DISPOSAL ACTIVITIES WILL BE IN ACCORDANCE WITH MODULE 25 INCLUDED WITH THIS BONDING INSTRUMENT.
- RECLAMATION WILL BE TO THE APPROVED FINAL CONTOUR, AS SHOWN ON EXHIBIT 18.
- GROUND WATER MONITORING WILL BE CONDUCTED AT MONITORING POINTS 20 AND 20.
- LOCATIONS OF MONITORING POINT NO. 20 IS SHOWN ON EXHIBIT 6.1.
- CROSS-SECTIONS ARE SHOWN ON EXHIBITS 9.2 AND 25.11.c.



PRECISION ART & PHOTO - BIRKBECK, PA.

RVN 3 2/14/00 BOND INCREMENT 02.  
 RVN 2 07/27/93 - REVISIONS PER DER REVIEW - MTG  
 RVN 1 03/29/93 - REVISIONS PER DER REVIEW - MTG

|                                                          |  |                     |
|----------------------------------------------------------|--|---------------------|
| SUSQUEHANNA COAL COMPANY<br>GLEN LYON PERMIT             |  | DATE<br>2-14-00     |
| NEWPORT TOWNSHIP                                         |  | SCALE<br>1" = 100'  |
| LUZERNE COUNTY, PA                                       |  | DRAWN BY            |
| EXHIBIT 25.11C - OPERATIONS PLAN<br>PHASE 1 ASH DISPOSAL |  | APPROVED BY         |
|                                                          |  | DRAWING NO.         |
|                                                          |  | SHEET NO.<br>1 OF 4 |