



VENTILATION SYMBOLS

① MAIN FAN	② ESCAPEWAY
③ ADJUTANT FAN	④ BLEEDY EVALUATION POINT
⑤ AIR FLOW - INTAKE	⑤ PILLAR REMOVAL
⑥ AIR FLOW - RETURN	⑥ MINE SEAL
⑦ STOPPING	⑦ ACTIVE WORKINGS
⑧ OVERCAST	⑧ CURTAIN OR SHUTTER
⑨ REGULATOR	⑨ WORKINGS NOT SURVEYED
⑩ MAIN DOOR	⑩ SURVEYED RECONSTRUCTED AREA
⑪ QUANTITY, CFM	⑪ LYKENS VALLEY #4 MINE WORKINGS
⑫ WATER GAUGE, IN.	

GENERAL NOTES

1. Mine traverses are advanced using a "triple check" instrument reading method. The instrument is used to obtain accurate readings and note taking. In addition, measurements to old survey spots will be made when possible to check survey accuracy.

2. The July 12, 2005 revision of this mine mapping utilized a second image of the original map that is stored in the archives of Dave Williams, PE, PLS.

SCALE: 1" = 100'

TITO COAL COMPANY'S MINE WORKINGS
WHITE'S VEIN SLOPE
NORTH OF LYKENS VALLEY #3 & #4 VENS
PORTER TOWNSHIP, SCHUYLKILL COUNTY, PA
M.S.N.A. 09 36-06815

MINING SURVEYS - POSTINGS

September 20, 1994 (Survey)	November 20, 2000 (Survey)	January 12, 2005 (Revised posting)
October 23, 1995 (Survey)	March 16, 2002 (Survey)	
April 14, 1997 (Survey)	June 17, 2003 (Survey)	
June 9, 1997 (Survey)	October 14, 2003 (Survey)	
June 8, 1998 (Survey)	June 25, 2004 (Survey)	
June 15, 2000 (Survey)		

MINING OPERATIONS - CERTIFICATION

I, the undersigned, being duly qualified and licensed as a Professional Engineer in the State of Pennsylvania, do hereby certify that the mine workings shown on this map were surveyed and mapped in accordance with the requirements of 30 Pa.C.S. § 2302 and 2303, and that the information shown has been derived from a true and correct survey of the mine workings.

Therefore, this surveyor makes no contribution to the accuracy of the map.

SURVEYOR'S CERTIFICATION

I hereby certify that to the best of my knowledge and belief, the information shown on this map was derived from a true and correct survey of the mine workings, and that the same conforms to the requirements of 30 Pa.C.S. § 2302 and 2303, and that the information shown has been derived from a true and correct survey of the mine workings.

Therefore, this surveyor makes no contribution to the accuracy of the map.

Jason Tomawski, PLS