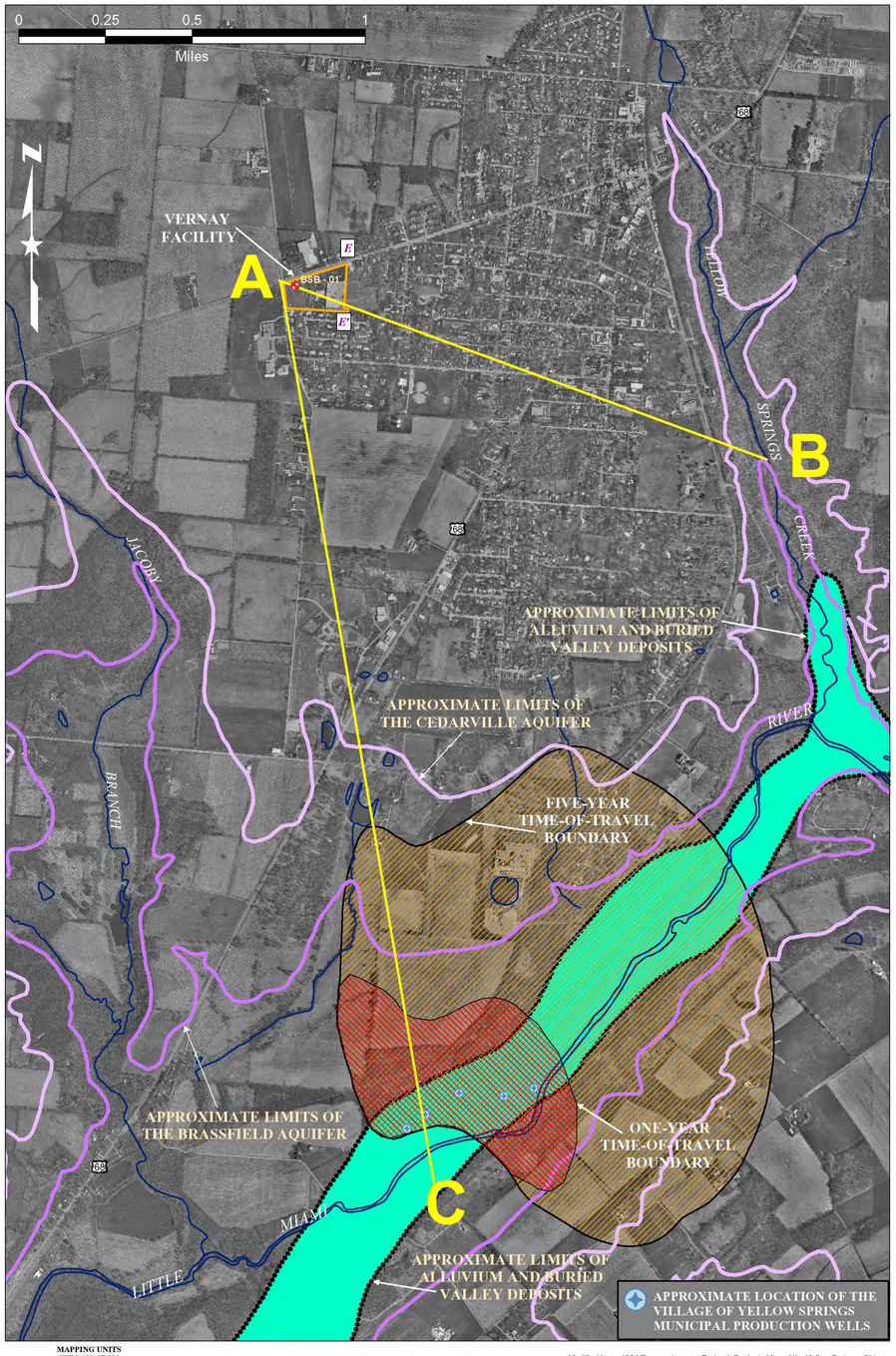
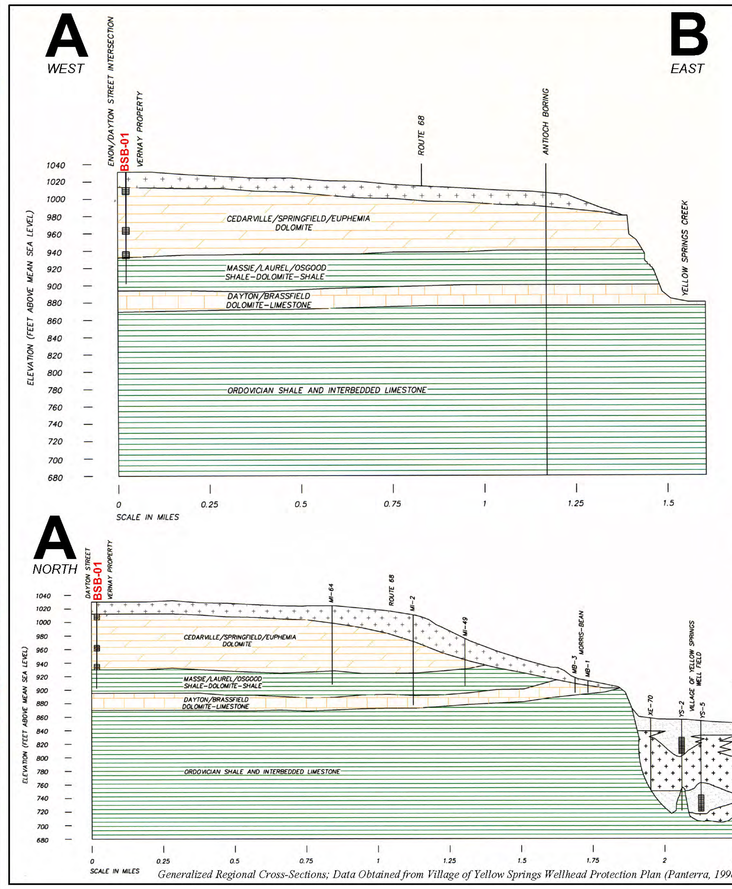
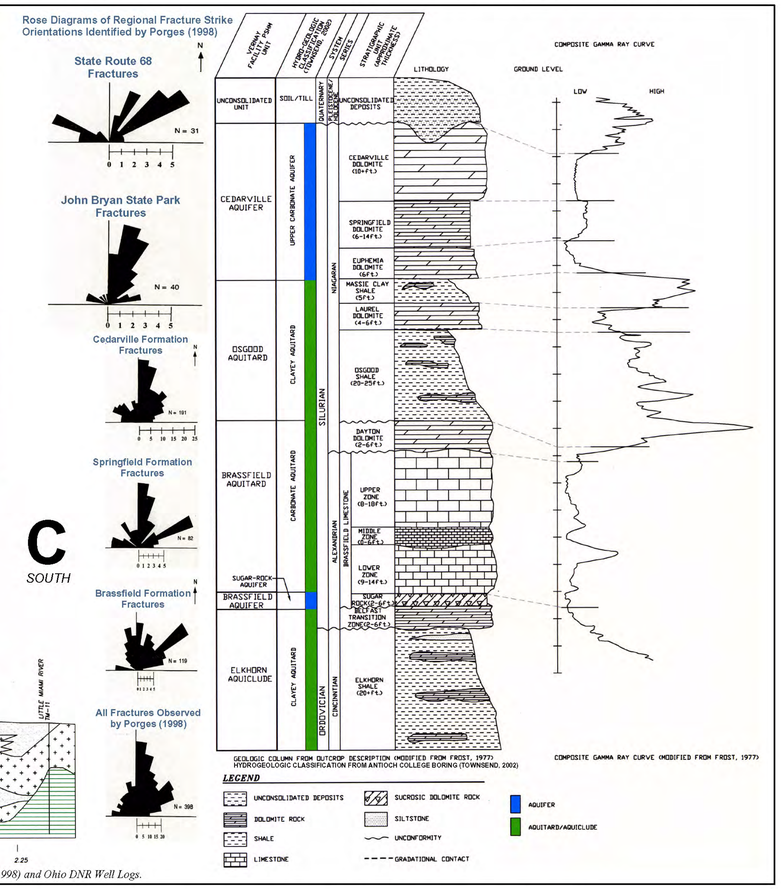


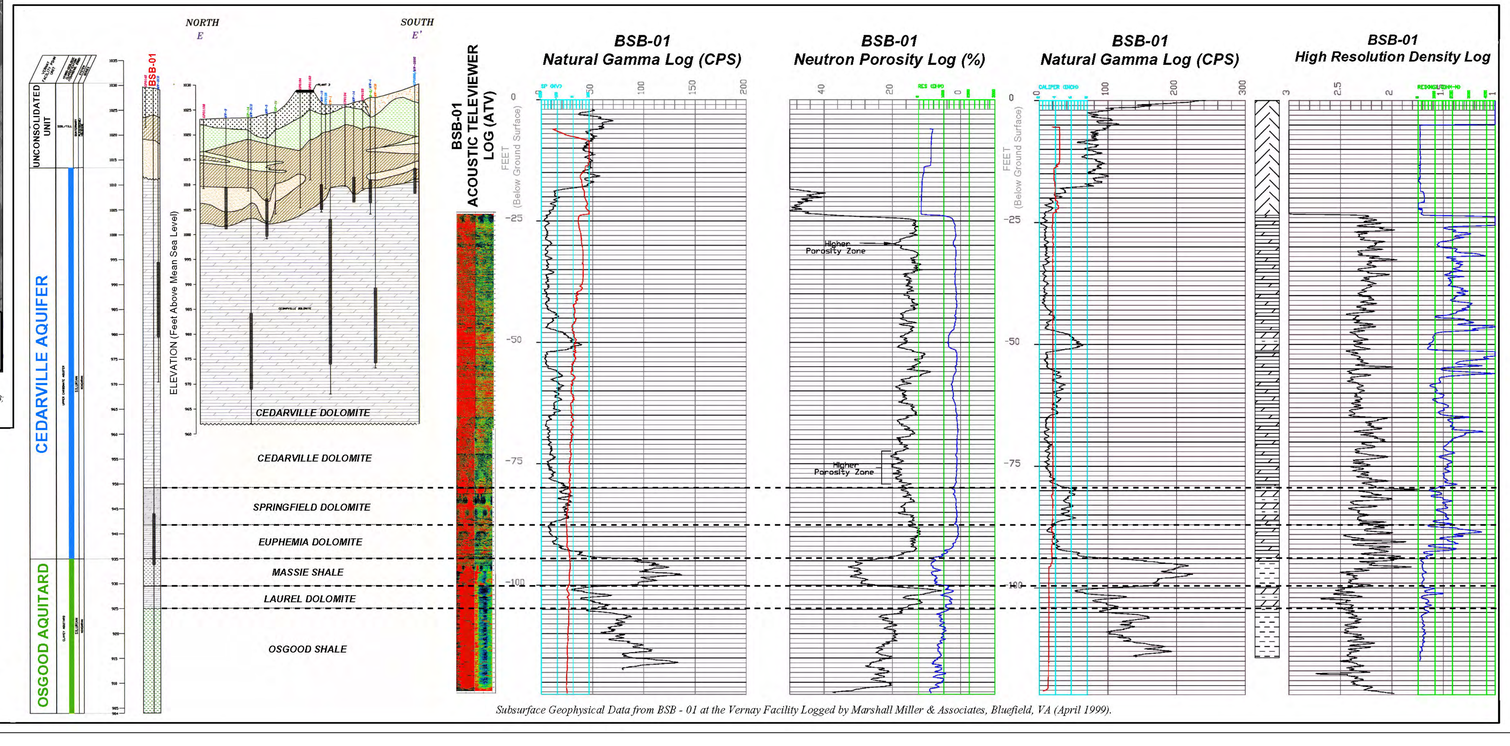
REGIONAL GEOLOGIC INFORMATION FROM THE YELLOW SPRINGS AREA





Generalized Regional Cross-Sections; Data Obtained from Village of Yellow Springs Wellhead Protection Plan (Panterra, 1998) and Ohio DNR Well Logs.

VERNAY FACILITY SUBSURFACE GEOLOGIC INFORMATION



Subsurface Geophysical Data from BSB - 01 at the Vernay Facility Logged by Marshall Miller & Associates, Bluefield, VA (April 1999).

MAPPING UNITS EXPLANATION

SILURIAN

Sssc

Ssc: Cedarville Dolomite, Springfield Dolomite, Euphemia Dolomite undivided.

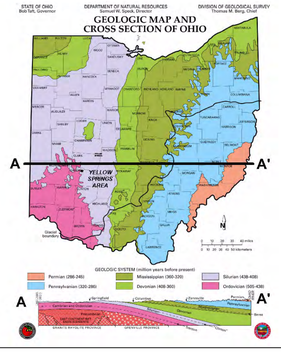
Ssa-ob

Ssa-ob: Massie Shale, Laurel Formation, Osgood Shale, Dayton Formation, Brassfield Formation undivided.

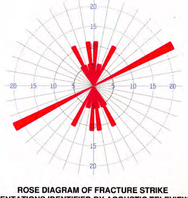
ORDOVICIAN

Ou

Ou: Ordovician undifferentiated



Modified from: 1994 Reconnaissance Bedrock Geologic Map of the Yellow Springs, Ohio, 7.5-Minute Quadrangle, Ohio DNR, Division of Geological Survey Open-File Map BG-B4G8; The Village of Yellow Springs 2001 Wellhead Protection Management Plan; and The 1991 Ground Water Resources of Greene County, Ohio DNR, Division of Water.



ROSE DIAGRAM OF FRACTURE STRIKE ORIENTATIONS IDENTIFIED BY ACOUSTIC TELEVIEWER
ALL FRACTURES WITH DIP ANGLES GREATER THAN 10 DEGREES WERE UTILIZED AT THE VERNAY FACILITY

TITLE	GEOLOGIC SUMMARY FROM THE YELLOW SPRINGS AREA AND VERNAY FACILITY
DATE 11/22/02	SHEET 2
DRAWN BY JAW	APPROVED BY KDK
CLIENT VERNAY LABORATORIES, INC.	
PROJECT NO. 0292.11.07	
	The Payne Firm, Inc. Environmental Consultants Cincinnati, Ohio
REFERENCE See Text for Individual Plates	