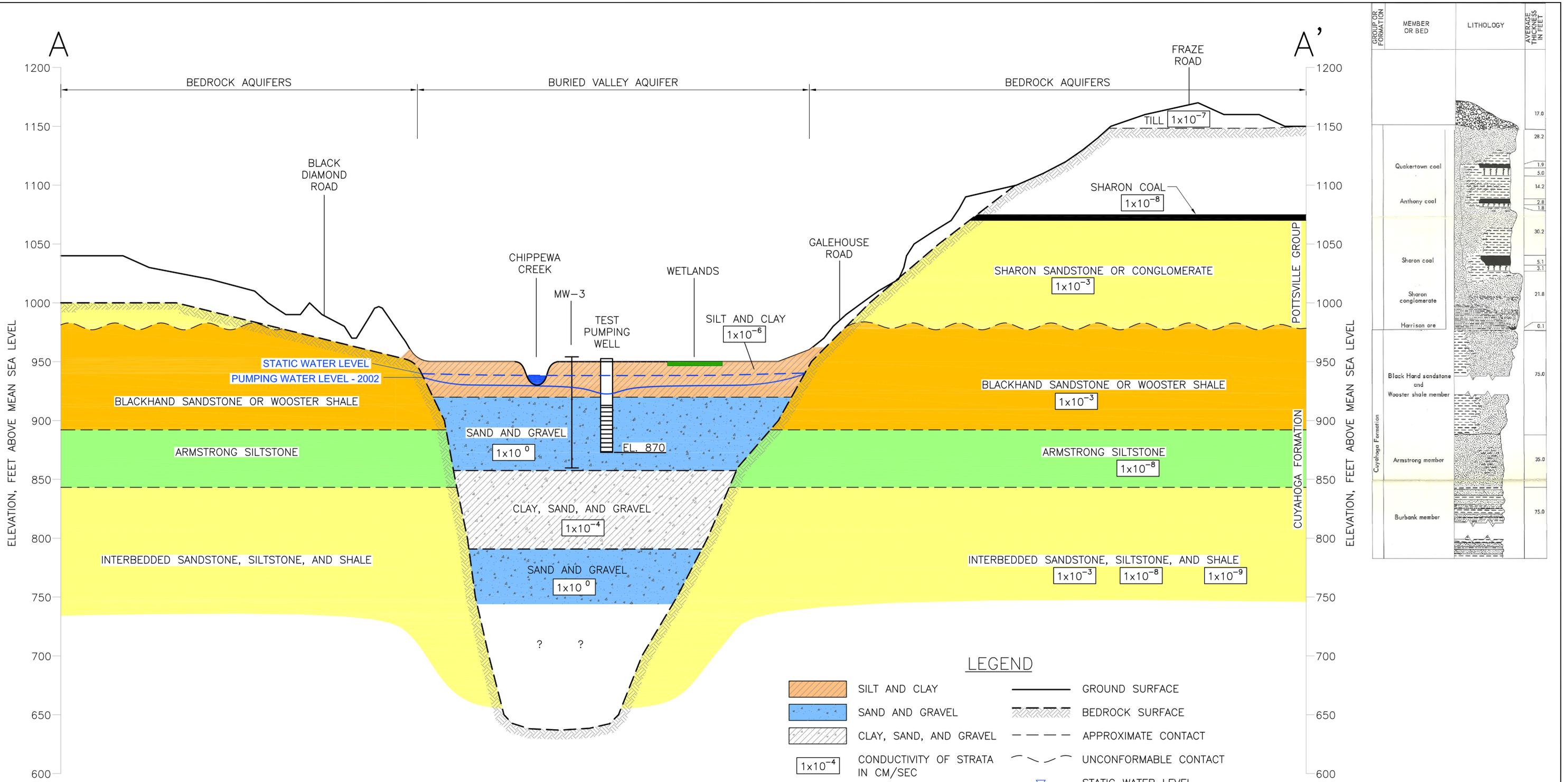


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F:\P41020\cadd\FIG 4.dwg 3/23/2007 11:30:30 AM VonZandt, Ryan



GROUP OR FORMATION	MEMBER OR BED	LITHOLOGY	AVERAGE THICKNESS IN FEET
Pottsville Group			17.0
			28.2
	Quakertown coal		1.9
			5.0
	Anthony coal		14.2
			2.8
			1.8
	Sharon coal		30.2
	Sharon conglomerate		5.1
			21.8
	Harrison ore		0.1
Cuyahoga Formation		Black Hand sandstone and Wooster shale member	75.0
		Armstrong member	35.0
		Burbank member	75.0

**LEGEND**

- SILT AND CLAY
- SAND AND GRAVEL
- CLAY, SAND, AND GRAVEL
- CONDUCTIVITY OF STRATA IN CM/SEC
- GROUND SURFACE
- BEDROCK SURFACE
- APPROXIMATE CONTACT
- UNCONFORMABLE CONTACT
- STATIC WATER LEVEL
- MAXIMUM PUMPING LEVEL (MARCH 2002)

CONDUCTIVITY - COEFFICIENT OF RATE OF FLOW IN DISTANCE/TIME UNITS

CROSS SECTIONS AS SHOWN ARE BASED ON ODNR MAPPING COUPLED WITH ACTUAL FIELD DATA AND HYDROGEOLOGIC DATA FROM 2002, 22 DAY PUMPING TEST AT 3 MGD BY BURGESS & NIPLE.

**SECTION A-A'**  
SCALE: 1"=400' HORIZ. - 1"=40' VERT.

CHIPPEWA CREEK  
WELLFIELD EVALUATION  
WADSWORTH, OHIO

FIGURE 4  
**CROSS SECTION A-A'**

BURGESS AND NIPLE, LTD.  
ENGINEERS & ARCHITECTS

SCALE: NOTED  
DATE: 3-23-07