

To: Larry Lester, SCR

From: Linda Hanefeld
Dodgeville
608-935-1948

Re: Groundwater Use Restriction
GIS Registry Data

Site Name/Address:

WI DOT Thompson
Bulk facility
Rt. 1 - Ferryville

BRRTS #:

02-12-000360

Date of Closure Decision:

9-9-99

GPS data:

- Off-site Contamination
- Right-of-way Contamination

Packet Contains:

1. Closure Letter
2. Conditional closure letter
3. All property deeds with 140 ES exceedances
4. Metes/bounds legal description (certified survey)
5. Tax parcel number
6. GPS data for each affected property
7. General location map
8. Detailed location map, showing all parcels affected by 140 ES exceedances, property boundaries, buildings, etc.
9. Latest map showing gw flow direction, MW, ~~potable wells~~, [optional: Isoconcentration maps of compounds => ES]
10. Latest map showing extent or outline of contamination plume and gw flow direction
11. Latest table of analytical results
12. Geologic cross section



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ruthe E. Badger, Regional Director

1500 N. Johns Street
Dodgeville, Wisconsin 53533
Telephone 608-935-4800
FAX 608-935-9652

December 22, 2000

Ms. Kjellaug Thompson
c/o Ms. Diane Roska
P.O. Box 808
New Glarus, WI 53574

File Ref: 02-12-000360

Subject: Closure of Wisconsin Department of Transportation, Thompson Bulk Facility, Mount Sterling, Wisconsin

Dear Ms. Roska:

On September 9, 1999, the above-referenced site was reviewed for closure by the South Central Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On September 10, 1999, you were notified that the Closure Committee had granted conditional closure to this case.

The Department received correspondence indicating that you have complied with the conditions of closure on the following dates:

November 15, 1999 – our office received the well abandonment forms for monitoring wells MW1, MW2, MW3 and TP1.

December 22, 2000 – our office received “proof of filing” of the groundwater use deed restriction that is associated with this site.

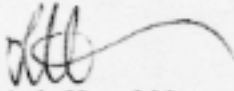
It is important to note that residual soil contamination from petroleum volatile organic compounds (PVOCs) remains at and in the vicinity of soil boring/monitoring well locations B-5 and B-11 (MW-1), as indicated in the information submitted to the Department. If site conditions change in the future and this residual contaminated soil is excavated, the property owner at that time will be required to sample and analyze the excavated soil in order to determine whether the contamination still remains. The requirements for sampling of excavated soils at B-5 and B-11 does not exclude soils in the first 8 to 10 feet below ground surface. All soils excavated at a future date at the location of B-5 and B-11 must be sampled and analysed for potential remaining contamination. Depending upon the results of that characterization, the owner may also have to properly store, treat, or dispose of any excavated materials, and/or take special precautions during excavation activities to prevent a direct contact threat to humans.

Based on the correspondence and data provided, it appears that this site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

However, please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the number below.

Respectfully,



Linda Hanefeld
Hydrogeologist - Dodgeville Service Center
(608) 935-1948

cc: James Czajkowski, Czajkowski & Rider, S.C., 105 E. Blackhawk Ave., P.O. Box 7, Prairie du Chien, WI 53821

DOCUMENT NO.

219594

WARRANTY DEED
STATE BAR OF WISCONSIN FORM 2-1982

VOL. 445 PAGE 390

Transfer fee pd.
THIS SPACE RESERVED FOR RECORDING DATA

74c

ORDER

1. 4. 10

Prairie City Bank, A Wisconsin Banking Corporation

conveys and warrants to Baul H. Thompson and Kjellaug A. Thompson, His wife As joint tenants

MAY 1 1987

Flourence Erickson
Christine Hennigson

Ad.

RETURN TO
Paul H & Kjellaug Thompson
Rt. 1
Perryville, WI 54628

the following described real estate in Crawford County,
State of Wisconsin:

Tax Parcel No:

Lot One (1), According to Crawford County Certified Survey Map No. 160 and being a part of the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ -SE $\frac{1}{4}$) of Section Twenty-Three (23), Township Ten (10) North, Range Five (5) West, Crawford County, Wisconsin, Described as Follows, To-Wit: Commencing at the Southeast corner of said Section Twenty-Three (23), A Harrison Monument; Thence North 27°-54'-20" West 2325.39 Feet to an Iron Bar the point of beginning; Thence North 29°-00'-00" West 347.63 feet to and Iron bar in the centerline of Baker Road, A Town Road; Thence South 51°-51'-31" West 151.93 Feet along said centerline to an Iron bar which is 41.25 Feet Southeasterly of the centerline of State Highway No. 27; Thence South 29°-00'-00" East 323.49 Feet to an Iron bar which is 41.25 Feet Southeasterly of said State Highway Centerline; Thence North 61°-00'-00" East 150.00 Feet to the Point of beginning, containing 1.155 Acres, More or Less.

Also includes Bulk Tanks and any related equipment that is fixed to property

This is not homestead property.
(X) (is not)

Exception to warranties:

TRANSFER
\$ 21.00
FEE

Dated this 1st day of May, 1987.

..... (SEAL)

William L. Adamany
William L. Adamany
Executive Vice President
Thomas J. Lynn
Thomas J. Lynn
Senior Vice President

..... (SEAL)

AUTHENTICATION

Signature(s)

authenticated this day of, 19.....

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not authorized by § 705.06, Wis. Stat.)

THIS INSTRUMENT WAS DRAFTED BY

Prairie City Bank

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN

Crawford County, ss.

Personally came before me this 1st day of May, 1987, the above named William L. Adamany, Executive Vice President and Thomas J. Lynn, Senior Vice President

..... who executed the foregoing instrument and acknowledge the same.

Laurie J. Knapp
Laurie J. Knapp

Notary Public County, Wis.
My Commission is permanent. (If not, state expiration date: LAURIE J. KNAPP
Notary Public - Crawford Co., WI - 19.....
My Commission Expires July 15, 1980



*Name of person acting in any capacity should be typed or printed below their signatures.

KTC

Document Number

GROUNDWATER USE RESTRICTION

REGISTER OF DEEDS
CRAWFORD COUNTY, WIS.
RECORDED

AT 2:25 P.M.

Declaration of Restrictions

In Re: See attached Warranty Deed.

STATE OF WISCONSIN)
) ss
COUNTY OF CRAWFORD)

NOV 22 2000
Florence Erickson
REGISTER OF DEEDS
Jodi Petsche
DEPUTY REGISTER OF DEEDS

Recording Area Pd B 220

Name and Return Address
CZAJKOWSKI & RIDER, S.C.
105 E. Blackhawk Ave., P.O. Box 7
Prairie du Chien, WI 53821

WHEREAS, Kjellaug A. Thompson, an unmarried widow, is the sole owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Benzene-contaminated groundwater, above ch. NR 140, Wisconsin Administrative Code, enforcement standards existed on this property at the following locations on April 26, 1999: MW-1 at a concentration of eight-hundred and forty-five micrograms per liter (845 µg/l); MW-2 at a concentration of six-hundred and sixty-eight micrograms per liter (668 µg/l). Ethylbenzene-contaminated groundwater, above ch. NR 140, Wis. Adm. Code, enforcement standards existed on this property at the following location on April 26, 1999: MW-1 at a concentration of one-thousand, five-hundred and sixty micrograms per liter (1,560 µg/l). Toluene-contaminated groundwater, above ch. NR 140, Wis. Adm. Code, enforcement standards existed on this property at the following locations on April 26, 1999: MW-1 at a concentration of two-thousand, seven hundred and sixty micrograms per liter (2,760 µg/l); MW-2 at a concentration of eight-hundred and eighty-one micrograms per liter (881 µg/l). Xylene-contaminated groundwater, above ch. NR 140, Wis. Adm. Code, enforcement standards existed on this property at the following locations on April 26, 1999: MW-1 at a concentration of five-thousand, eight-hundred and twenty micrograms per liter (5,820 µg/l); MW-2 at a concentration of two-thousand, three-hundred and eighty-three micrograms per liter (2,383 µg/l). See Table 2, Figure 2 and Figure 3. Table 2, Figure 2 and Figure 3 are attached hereto and made a part hereof. Residual soil contamination from petroleum volatile organic compounds existed on the property at soil boring locations B-5 and B-11, as indicated on Table 1 and Figure 3. Table 1 and Figure 3 are attached hereto and made a part hereof.

12-020-0691-0002
Parcel Identification Number (PIN)

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code, groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code, is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

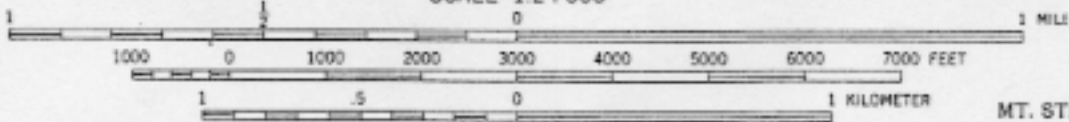


FIGURE 1

SCALE 1:24 000



QUADRANGLE LOCATION



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MT. STERLING, WIS.
BNA DATE BILLS BY QUADRANGLE
M315-W9052.5/7.5

1002

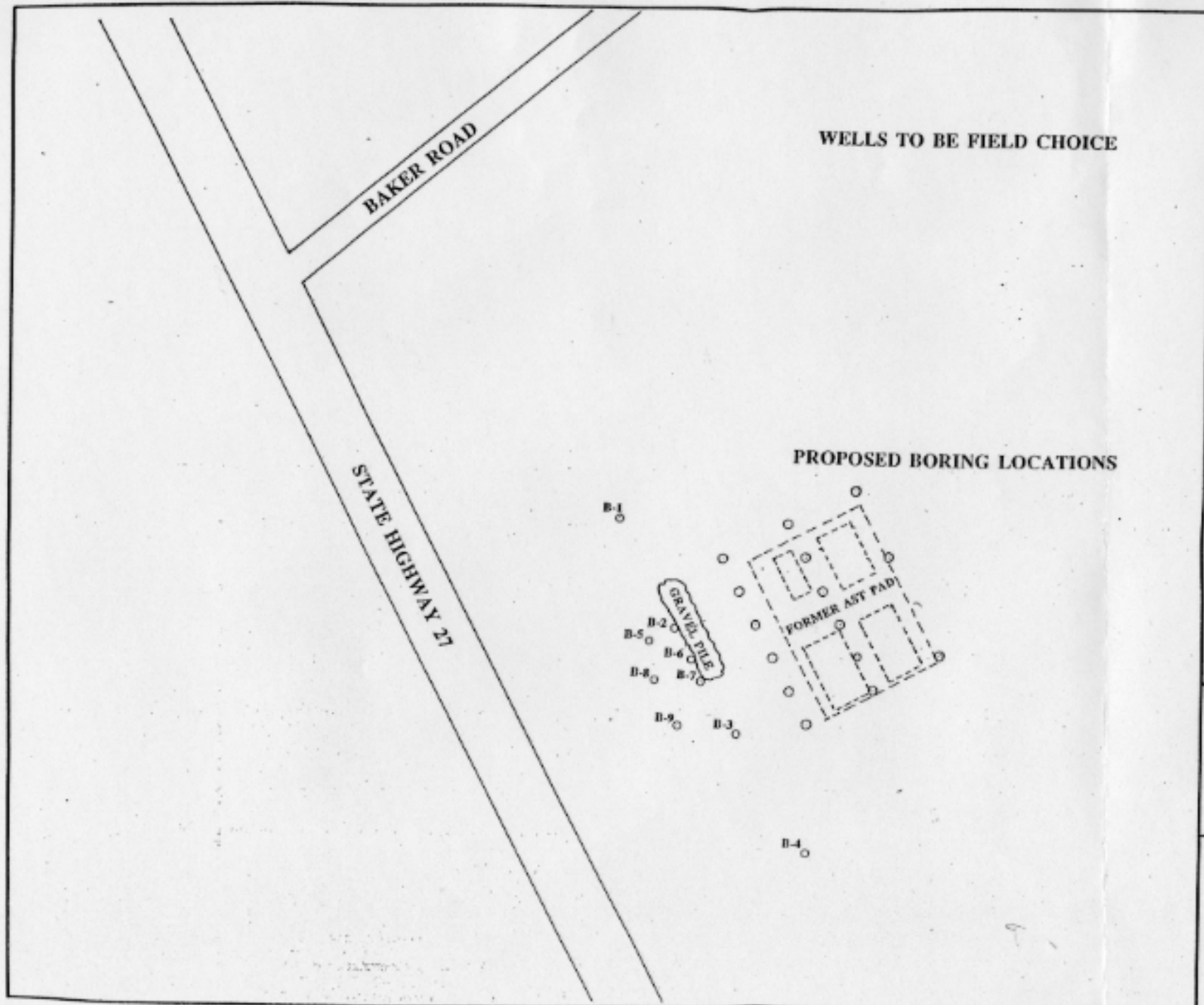


THOMPSON PROPERTY

NB No.	Project No.	
Drawn:	Checked:	Date:
Scale:	1" = 2000'	
	Sheet of	

115 South 6th Street, P.O. Box 2076 La Crosse, Wisconsin, 54602 Phone: 608/782-3130 Fax: 608/784-6611

Jan. 15, 1972



copy sent

B-16 - SOIL BORING LOCATION

SCALE 1" = 40'

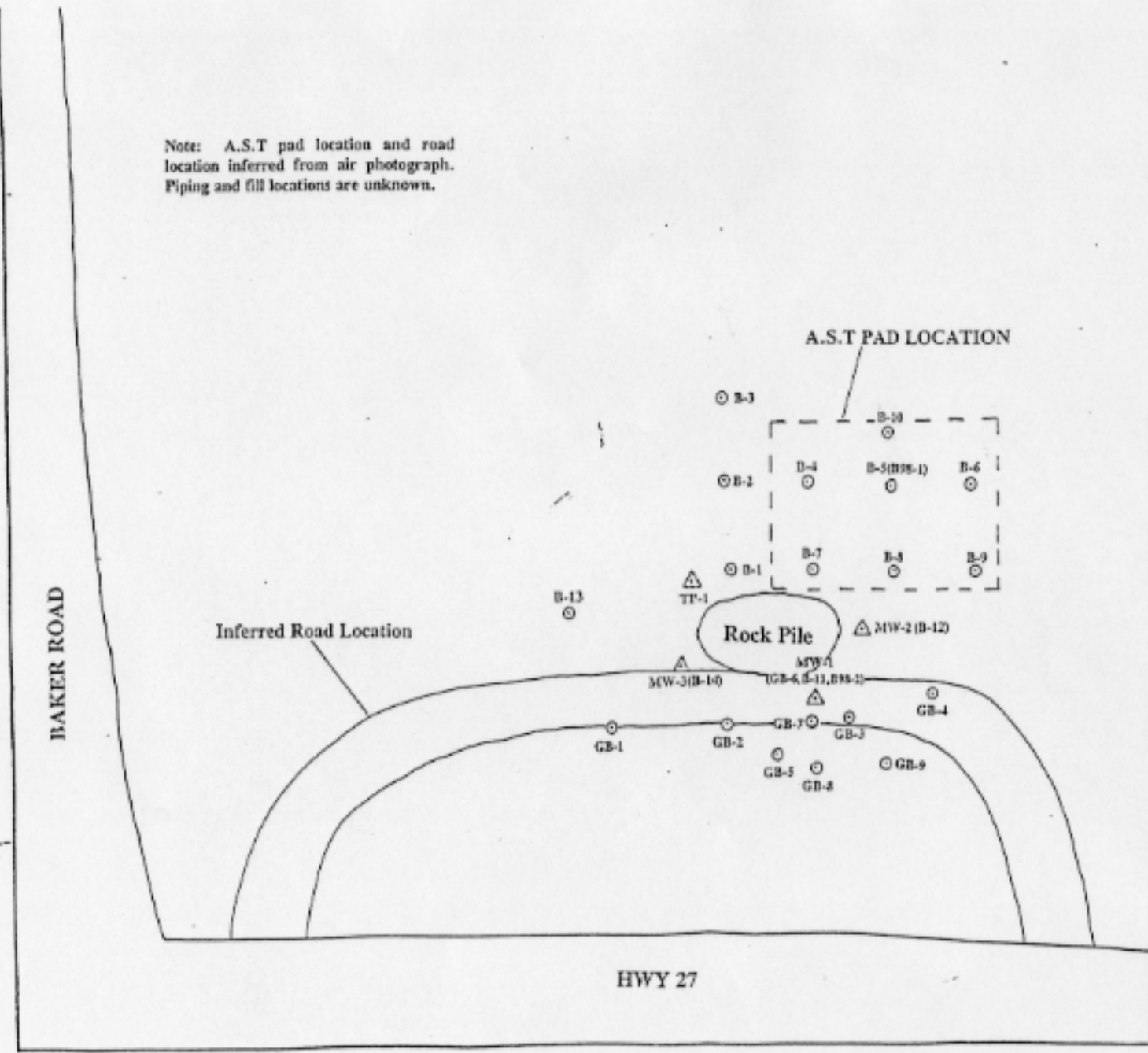
FIGURE 2

THOMPSON PROPERTY
MT. STERLING, WI



115 South 6th Street, P.O. Box 2076
La Crosse, Wisconsin, 54602
Phone: 608/782-3139 Fax: 608/784-6611

Note: A.S.T pad location and road location inferred from air photograph.
Piping and fill locations are unknown.

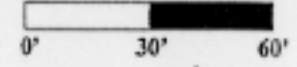


MW-# = MONITORING WELL
B-# = DAVY ENGINEERING SOIL BORING
GB-# = GILES ENGINEERING SOIL BORING
BMS-# = DAVY ENGINEERING CO. SOIL BORING, 199#

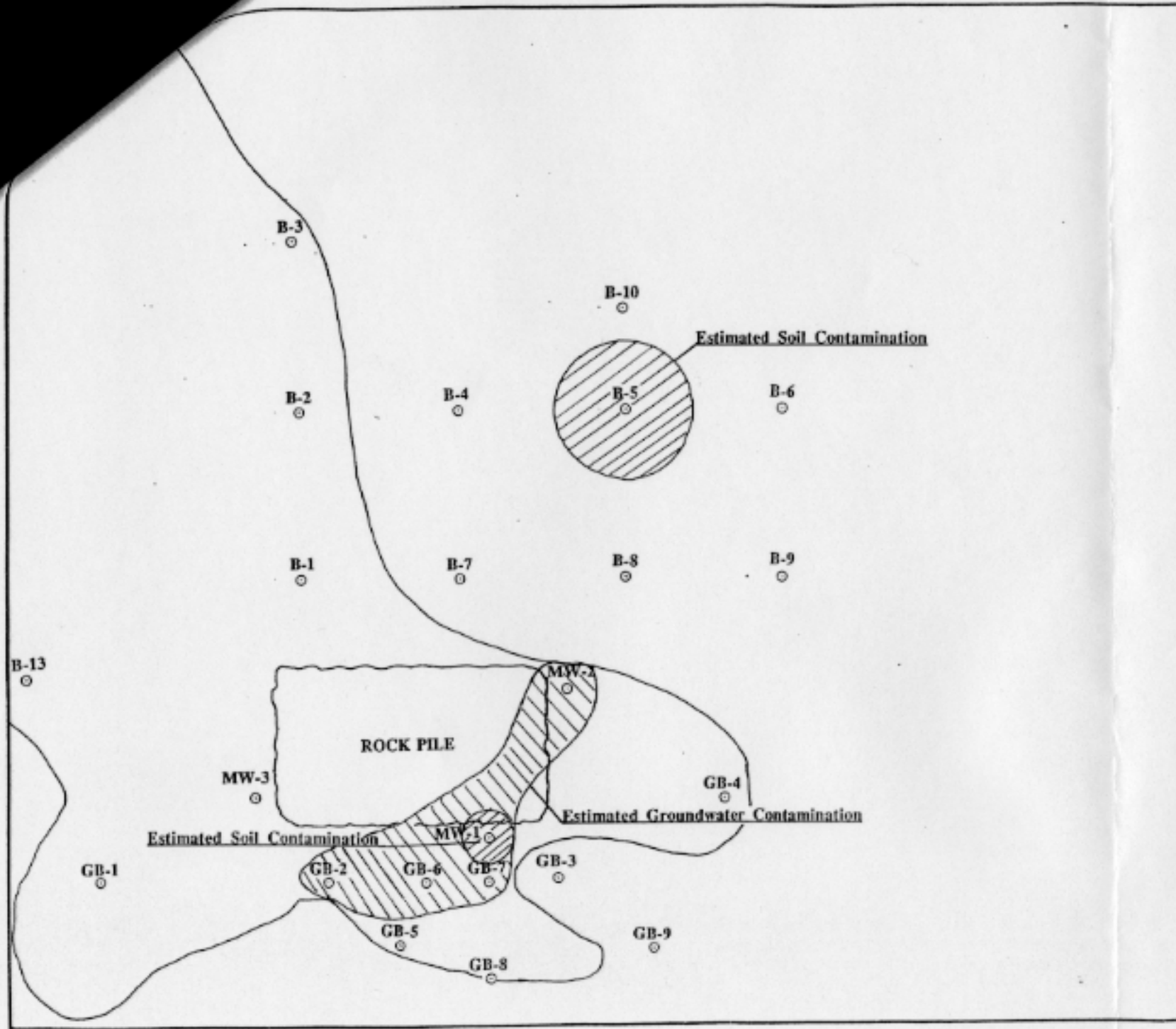
FIGURE 2




THOMPSON PROPERTY
MT. STERLING, WISCONSIN

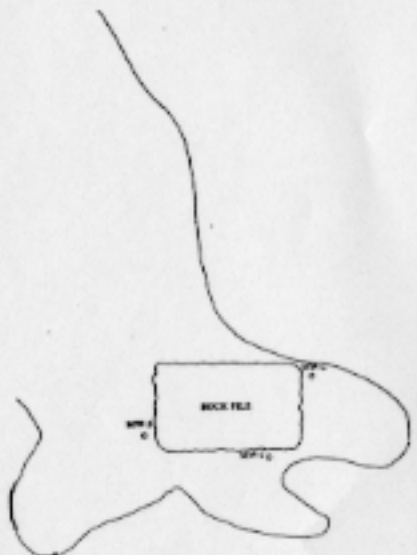
SCALE: 1" = 30'




115 South 4th Street, P.O. Box 2076
La Crosse, Wisconsin, 54601
Phone: 608/782-0120 Fax: 608/784-5111



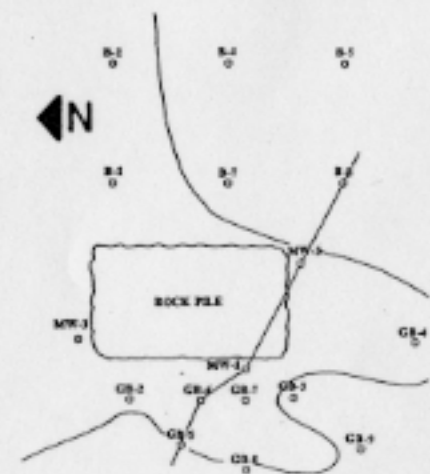
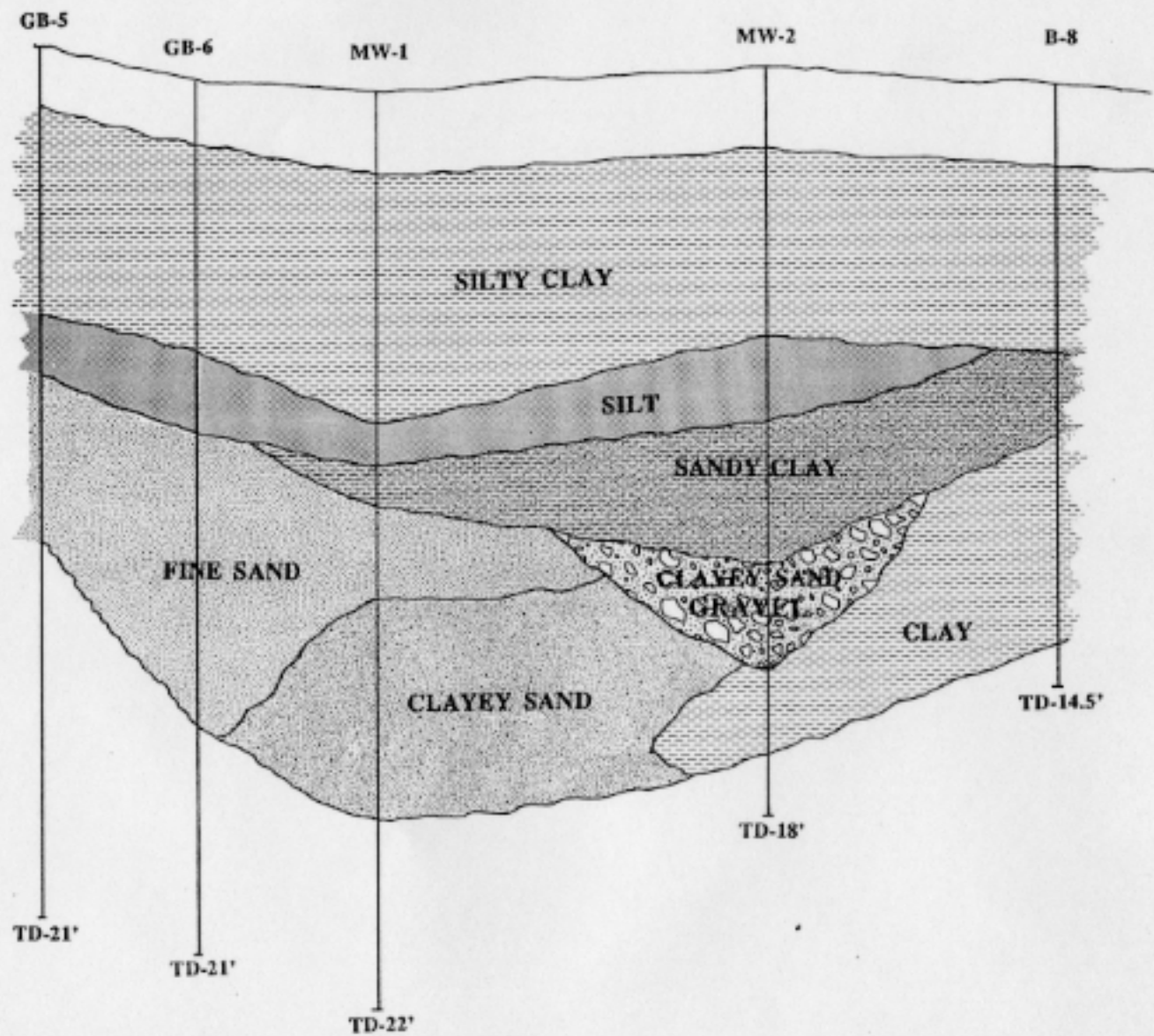

 SOIL CONTAMINATION
 GROUNDWATER CONTAMINATION


 SCALE 1" = 15'

THOMPSON PROPERTY
MT STERLING, WISCONSIN
 Figure 3
 Site Layout


 115 South 6th Street, P.O. Box 2076
 La Crosse, Wisconsin, 54602
 Phone: 608/782-3130 Fax: 608/784-6611

... (which included heavily contaminated drums to and B11) exhibit no detection or minimal detections for GRO/PVOC. This suggests soil contamination has been reduced through natural attenuation and is not active as a



CROSS SECTION ACROSS
BEDROCK LOW

VERTICAL SCALE 1" = 3'
HORIZONTAL SCALE 1" = 8'

THOMPSON PROPERTY
MT STERLING, WISCONSIN

FIGURE 4



115 South 6th Street, P.O. Box 2076
La Crosse, Wisconsin, 54602
Phone: 608/782-3130 Fax: 608/784-6613

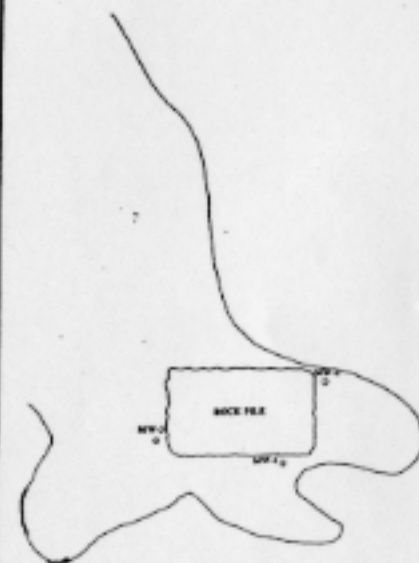
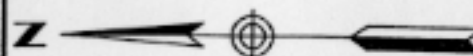
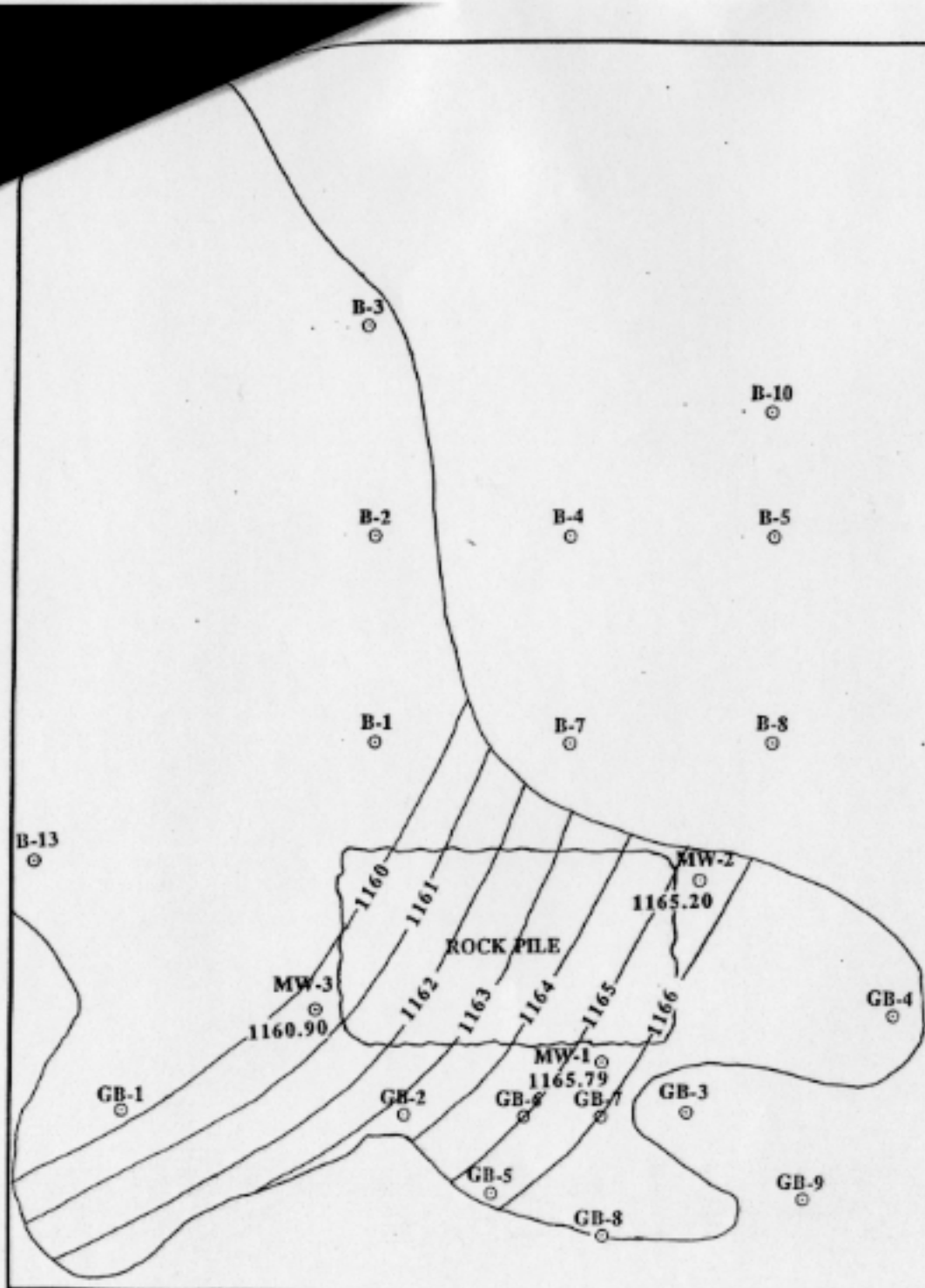


Figure 8
SCALE 1"= 15'

THOMPSON PROPERTY
MT STERLING, WISCONSIN
GROUNDWATER GRADIENT
9/2/97

DAVY
ENGINEERING

115 South 6th Street, P.O. Box 2076
La Crosse, Wisconsin, 54602
Phone: 608/782-3130 Fax: 608/794-6611

...no detection or minimal ... heavily ...

TABLE 1
GROUNDWATER ANALYSIS
THOMPSON PROPERTY
MT. STERLING, WISCONSIN
PTB

MW-1						
DATE	BENZENE	E.BENZENE	MIBP	TOLUENE	T.XYLENE	GR0
7/12/95	2,530	1,620	ND	6,870	7,870	30,100
8/10/95	2,430	1,480	<92	6,130	7,650	22,300
11/15/95	2,020	1,370	<135	3,300	5,650	19,000
6/10/96	2,140	1,350	9	4,230	5,410	21,200
9/25/96	1,880	1,270	<92	2,390	4,970	9,620
12/30/96	1,960	1,620	ND	3,230	6,211	19,600
4/3/97	1,400	500	59	1,500	3,100	12,000
7/1/97	2,020	1,330	<92	2,550	4,885	16,200
9/19/97	1,350	1,160	<0.92	1,650	3,558	15,000
1/20/98	1,250	955	<15	881	2,556	10,700
4/27/98	1,000	900	<10	700	3,020	230
8/10/98	800	1,100	58	1,100	3,650	12,000
11/19/98	900	1,000	<10	900	3,140	12,000
2/24/99	800	1,000	15	1,600	3,850	13,000
4/26/99	(845)	(1,560)	<92	(2,760)	(5,820)	18,000

MW-2						
DATE	BENZENE	E.BENZENE	MIBP	TOLUENE	T.XYLENE	GR0
7/12/95	2,160	689	ND	5,820	4,970	15,300
8/10/95	3,200	407	48	5,320	6,460	20,600
11/15/95	NOT ABLE TO SAMPLE					
6/10/96	2,310	711	15	4,320	5,300	18,900
9/25/96	2,810	1,080	<92	4,830	7,990	17,900
12/30/96	1,580	177	ND	1,260	5,890	18,300
4/3/97	1,500	560	<50	2,200	2,700	7,800
7/1/97	3,120	1,180	<0.92	4,140	5,870	21,700
9/19/97	2,300	1,060	8.8	3,510	5,330	19,000
1/20/98	1,210	588	22	995	4,143	15,100
4/27/98	1,300	1,200	<10	2,000	4,650	19,000
8/10/98	1,500	950	60	1,700	3,850	14,000
11/19/98	1,600	880	<20	2,400	4,270	15,000
2/24/99	970	1,000	20	2,000	5,100	15,000
4/26/99	(668)	133	<9.2	(881)	(2,383)	8,520

MW-3						
DATE	BENZENE	E.BENZENE	MIBP	TOLUENE	T.XYLENE	GR0
7/12/95	ND	ND	ND	ND	ND	<8
8/10/95	<0.9	<1.3	<0.9	<1.5	<4.5	<18
11/15/95	NOT ABLE TO SAMPLE					
6/10/96	<0.9	<1.3	<0.9	<1.5	<4.5	<18
9/25/96	<0.9	<1.3	<0.9	<1.5	<4.5	<18
12/30/96	NOT ABLE TO SAMPLE					
4/3/97	0.15	<0.28	<0.11	0.49	1.2	<50
7/1/97	<0.50	<0.60	<0.90	<0.60	<2.2	<17
9/19/97	<0.50	<0.60	<0.92	<0.60	<2.2	<17
1/20/98	NOT ABLE TO SAMPLE					
4/27/98	<0.20	<0.30	<0.20	<0.20	<0.90	<30
8/10/98	<0.20	<0.30	<0.20	<0.20	<0.90	<30
11/19/98	<0.20	<0.30	<0.20	<0.20	<0.90	<30
2/24/99	<0.20	<0.30	<0.20	<0.20	<0.90	<30
4/26/99	<0.50	<0.60	<0.92	<0.60	<2.2	<17

Seep						
DATE	BENZENE	E.BENZENE	MIBP	TOLUENE	T.XYLENE	GR0
4/27/98	<0.20	<0.30	<0.20	<0.20	<0.90	<30

IP-1 (Temporary Point)						
DATE	BENZENE	E.BENZENE	MIBP	TOLUENE	T.XYLENE	GR0
4/26/99	<0.50	<0.60	<0.92	<0.60	<2.2	<17