GIS REGISTRY INFORMATION

SITE NAME: Waukesha County Easement (Halquist Stone)

BRRTS #: 02-68-215680 **FID # (if appropriate):** 268013240

COMMERCE # (if appropriate):

CLOSURE DATE: 6-7-06

STREET ADDRESS: 19628 W. Good Hope Rd.

CITY: Lannon

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 670070 Y= 298941

CONTAMINATED MEDIA: Groundwater [ ] Soil [X] Both [ ]

OFF-SOURCE GW CONTAMINATION >ES: [ ] Yes [X] No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): [ ] Yes [X] No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

CONTAMINATION IN RIGHT OF WAY: [X] Yes [ ] No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	✓
Copy of most recent deed, including legal description, for all affected properties	NA
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	NA
County Parcel ID number, *if used for county*, for all affected properties	NA
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	✓
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	✓
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	NA
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	✓
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	✓
GW: Table of water level elevations, with sampling dates, and free product noted if present	NA
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	NA
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	✓
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	✓
RP certified statement that legal descriptions are complete and accurate	✓
Copies of off-source notification letters (if applicable)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	NA
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	NA

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Waukesha Service Center
141 NW Barstow St.
Room 180
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

June 7, 2006

Ms. Leslie Williams
Waukesha County Dept. of Parks and Land Use
1320 Pewaukee Road, Room 260
Waukesha, WI 53188

FID# 268013240
BRRTS# 02-68-215680

Subject: Halquist Stone Co., Inc. Right-of-Way, 19628 Good Hope Rd., Lannon

Dear Ms. Williams:

The Wisconsin Department of Natural Resources (Department) received the *Remedial Action & Closure Request Report Addendum III* for the above-referenced site on March 29, 2006. Based on the correspondence and data provided, it appears that your case 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.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

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.

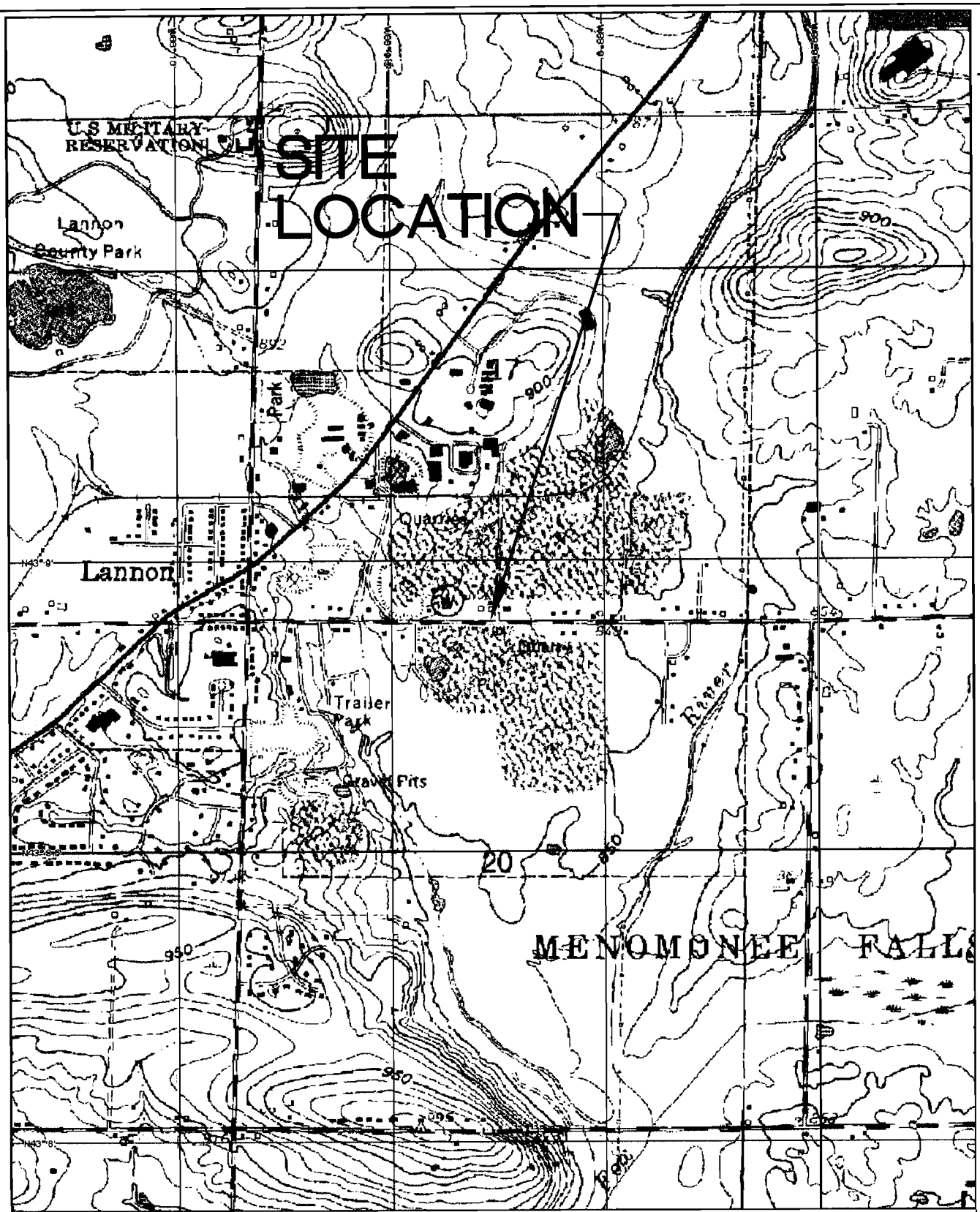
The Department appreciates the actions you have taken to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 574-2140.

Sincerely,

Brenda H. Boyce

Brenda H. Boyce, P.G.
Hydrogeologist - Remediation and Redevelopment Program

C: Linda Felenz – Kapur & Associates, Inc.



KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

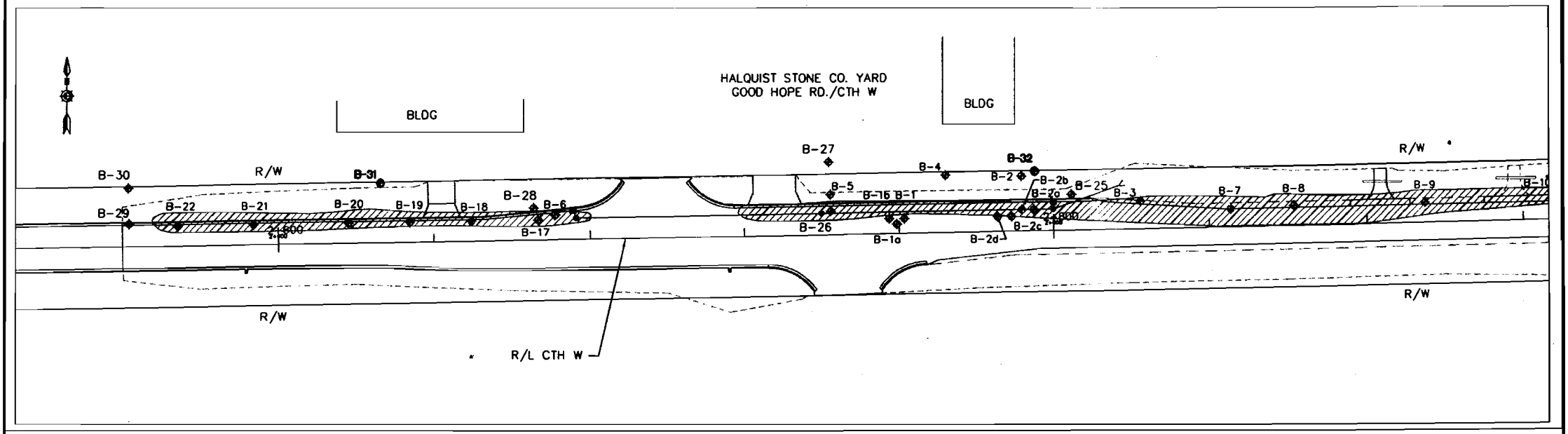
SITE LOCATION MAP

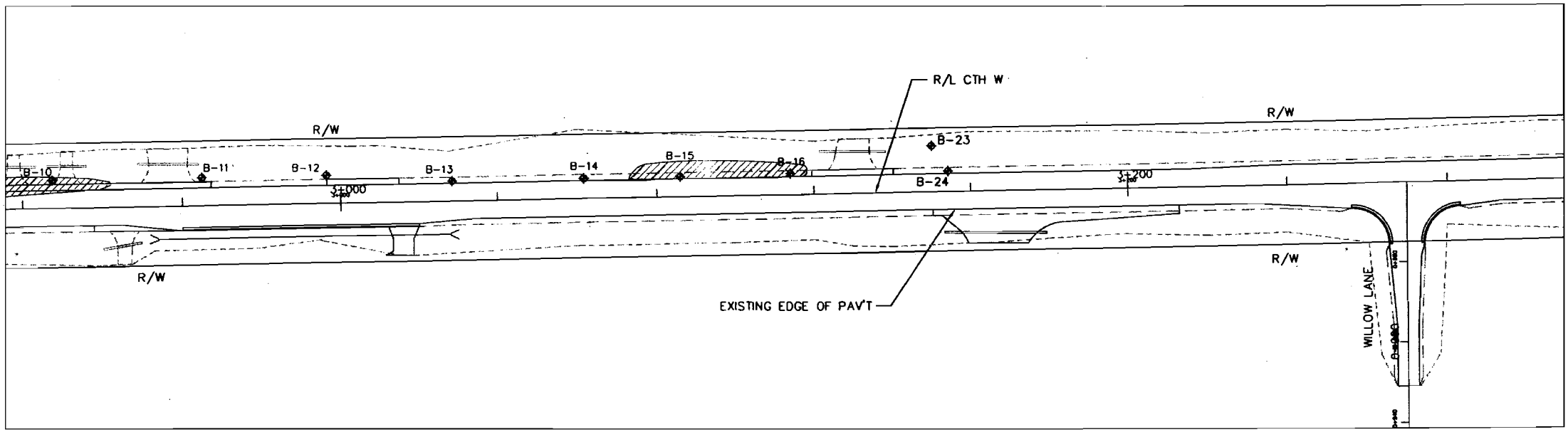
HALQUIST STONE CO. INC., (RIGHT OF WAY)
2602 N. 15TH STREET, SHEBOYGAN, WISCONSIN

FIGURE 1

SOURCE: USGS SUSSEX QUADRANGLE (1994, 7.5 MINUTE SERIES)

DRAWN BY:	CHECKED BY:	APPROVED BY:	PROJECT NUMBER:	DATE:	REVISED DATE:
TWP	LJF	LJF		10/31/03	





LEGEND:

B-x = BORING LOCATION AND NUMBER

= ESTIMATED EXTENT OF PAH IMPACTED SOILS EXCEEDING THE INTERIM RCL'S

B-31 - SOIL BORINGS INSTALLED ON 3/30/05

BORING LOCATION MAP

HALQUIST STONE CO. INC., (ROW)
LANNON, WISCONSIN

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

FIGURE 2

DRAWN/APPROVED BY: TWP/LJF | DATE: 05/09/05 | SCALE: 1:1000 m

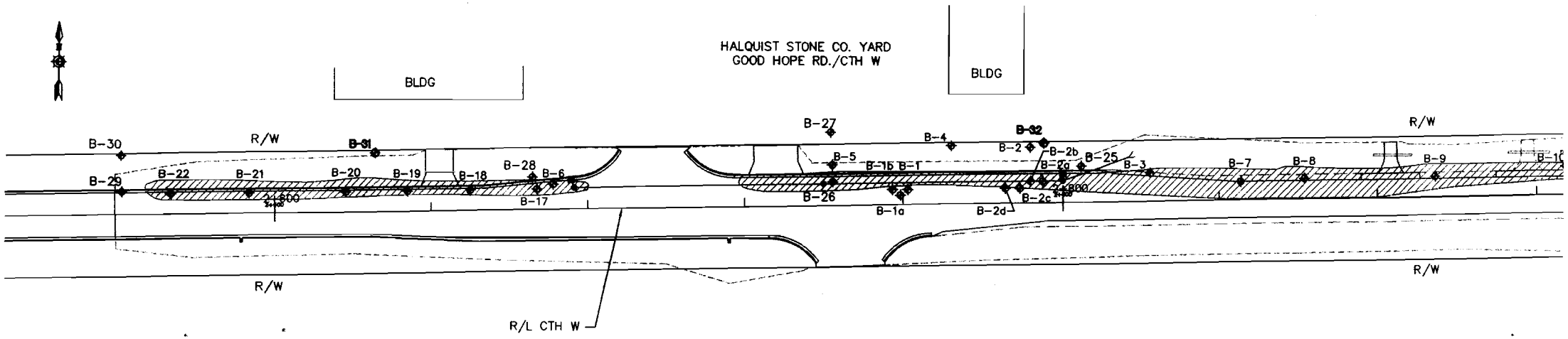
Table # 1, Title: CTH W ROW at Halquist Stone Co, Inc.
Soil Sample Analytical Results

				PAH (ppm)												
Sample #	**Depth (ft bgs)**	**Date Collected**	**PID (ppm eq)**	Acenaphthene	Benz (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (ghi) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Indeno (1,2,3-cd) pyrene	2-Methylnaphthalene	Phenanthrene	Pyrene
B23	**2-4'**	8/28/2003	0.00	<0.123	<0.0617	*0.00974*	<0.0617	<0.123	<0.123	<0.123	<0.00617	<0.123	<0.0617	<0.123	<0.123	<0.123
B24	**2-4'**	8/23/2003	0.00	<0.103	<0.0515	*0.0381*	<0.0515	<0.103	<0.103	<0.103	*0.0114*	<0.103	<0.0515	<0.103	<0.103	<0.103
B25	**2-4'**	8/23/2003	0.00	<0.108	<0.0539	*0.0554*	<0.0539	<0.108	<0.108	<0.108	0.00694	0.144	<0.0539	<0.108	<0.108	<0.108
B26	**0-2'**	8/23/2003	0.00	<0.104	0.0648	*0.0878*	0.0707	<0.104	<0.104	<0.104	*0.0656*	<0.104	<0.0521	<0.104	<0.104	<0.104
B27	**1-3'**	8/23/2003	0.00	<0.105	<0.0525	*0.0553*	<0.0525	<0.105	<0.105	<0.105	*0.0425*	<0.105	<0.0525	<0.105	<0.105	<0.105
B28	**1-3'**	8/23/2003	0.00	0.186	0.150	*0.133*	*0.158*	0.143	<0.108	0.159	*0.114*	0.360	*0.132*	<0.108	0.188	0.209
B29	**1-3'**	8/23/2003	0.00	0.162	0.216	*0.218*	*0.246*	0.204	0.114	0.281	*0.190*	0.613	*0.218*	0.211	0.316	0.727
B30	**2-4'**	8/23/2003	0.00	<0.108	<0.054	0.00624	<0.054	<0.108	<0.108	<0.108	<0.00540	<0.108	<0.054	<0.108	<0.108	<0.108
B31	**2-4'**	3/30/2005	0.00	<0.113	<0.0567	<0.00567	<0.113	<0.113	<0.113	<0.113	<0.00567	<0.113	<0.0567	<0.113	<0.113	<0.113
B32	**2-4'**	3/30/2005	0.00	<0.106	<0.0529	<0.00529	<0.106	<0.106	<0.106	<0.106	<0.00529	<0.106	<0.0529	<0.106	<0.106	<0.106
NR 720.09 RCLs Non-Industrial				900	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	0.088	600	18	500
NR 720.09 RCLs Industrial				60,000	3.9	0.39	3.9	39	39	390	0.39	40,000	3.9	40,000	390	30,000

NOTES:

All results are in parts per million (ppm) unless otherwise noted
RCLs = suggested generic Residual Contamiant Levels by Direct Contact Pathway
Concentrations exceeding the NR 720 RCLs Non-Industrial are in *Italics*
Concentrations exceeding the NR 720 RCLs Industrial are in **bold face**
ft bgs = feet below ground surface
PID = photoionization detector
ppm eq = parts per million equivalent
PAH = polynuclear aromatic hydrocarbons

Only comounds detected in at least one sample are shown



				PAH (ppm)												
Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	Acenaphthene	Benz (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (ghi) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Indeno (1,2,3-cd) pyrene	2-Methylnaphthalene	Phenanthrene	Pyrene
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B24	2-4'	8/23/2003	0.00	<0.103	<0.0515	*0.0381*	<0.0515	<0.103	<0.103	<0.103	*0.0114*	<0.103	<0.0515	<0.103	<0.103	<0.103
B25	2-4'	8/23/2003	0.00	<0.108	<0.0539	*0.0554*	<0.0539	<0.108	<0.108	<0.108	0.00694	0.144	<0.0539	<0.108	<0.108	<0.108
B26	0-2'	8/23/2003	0.00	<0.104	0.0648	*0.0878*	0.0707	<0.104	<0.104	<0.104	*0.0656*	<0.104	<0.0521	<0.104	<0.104	<0.104
B27	1-3'	8/23/2003	0.00	<0.105	<0.0525	*0.0553*	<0.0525	<0.105	<0.105	<0.105	*0.0425*	<0.105	<0.0525	<0.105	<0.105	<0.105
B28	1-3'	8/23/2003	0.00	0.186	0.150	*0.133*	*0.158*	0.143	<0.108	0.159	*0.114*	0.360	*0.132*	<0.108	0.188	0.209
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B31	2-4'	3/30/2005	0.00	<0.113	<0.0567	<0.00567	<0.113	<0.113	<0.113	<0.113	<0.00567	<0.113	<0.0567	<0.113	<0.113	<0.113
B32	2-4'	3/30/2005	0.00	<0.106	<0.0529	<0.00529	<0.106	<0.106	<0.106	<0.106	<0.00529	<0.106	<0.0529	<0.106	<0.106	<0.106
NR 720.09 RCLs Non-Industrial				900	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	0.088	600	18	500
NR 720.09 RCLs Industrial				60,000	3.9	0.39	3.9	39	39	390	0.39	40,000	3.9	40,000	390	30,000

LEGEND:

B-X = BORING LOCATION AND NUMBER

= ESTIMATED EXTENT OF PAH IMPACTED SOILS EXCEEDING THE INTERIM RCL'S

B-31 = SOIL BORINGS INSTALLED ON 3/30/05

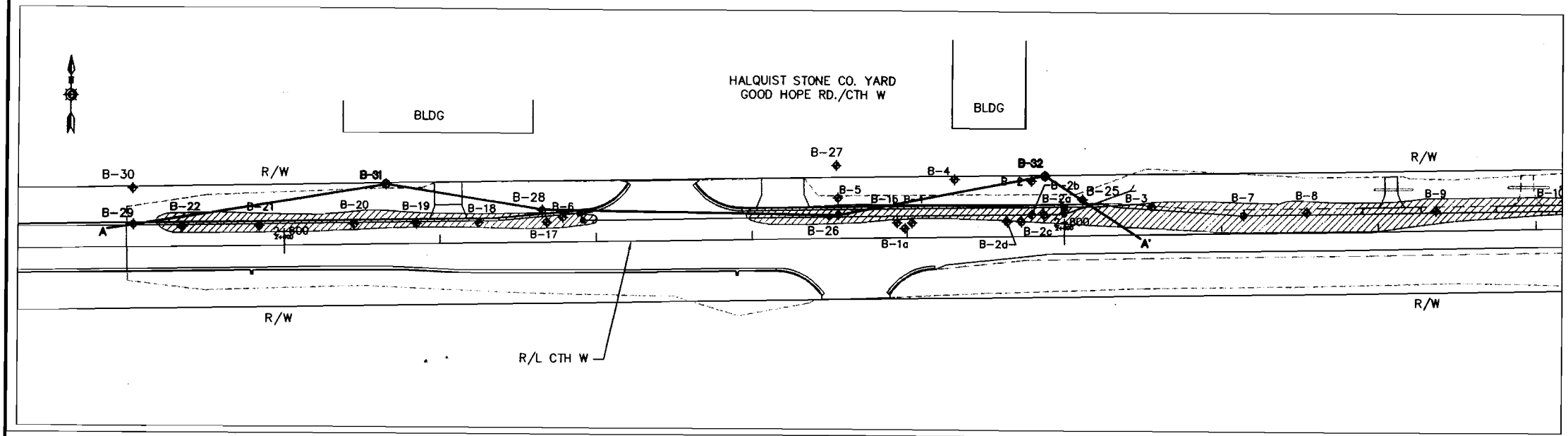
SOIL RESULTS AND CONTAMINANT PLUME MAP

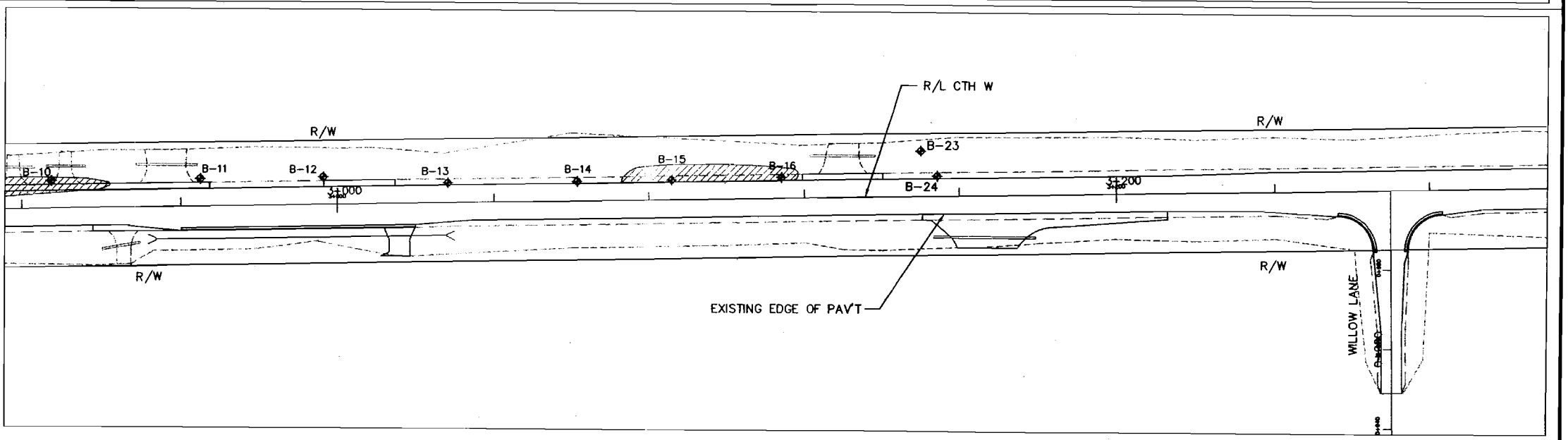
HALQUIST STONE CO. INC., (ROW)
LANNON, WISCONSIN

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6660

FIGURE 3

DRAWN/APPROVED BY: TMP/LJF | DATE: 05/09/05 | SCALE: 1:1000 m





LEGEND:

Φ^{B-X} = BORING LOCATION AND NUMBER

▨ = ESTIMATED EXTENT OF PAH IMPACTED SOILS EXCEEDING THE INTERIM RCL'S

⊕ B-31 - SOIL BORINGS INSTALLED ON 3/30/05

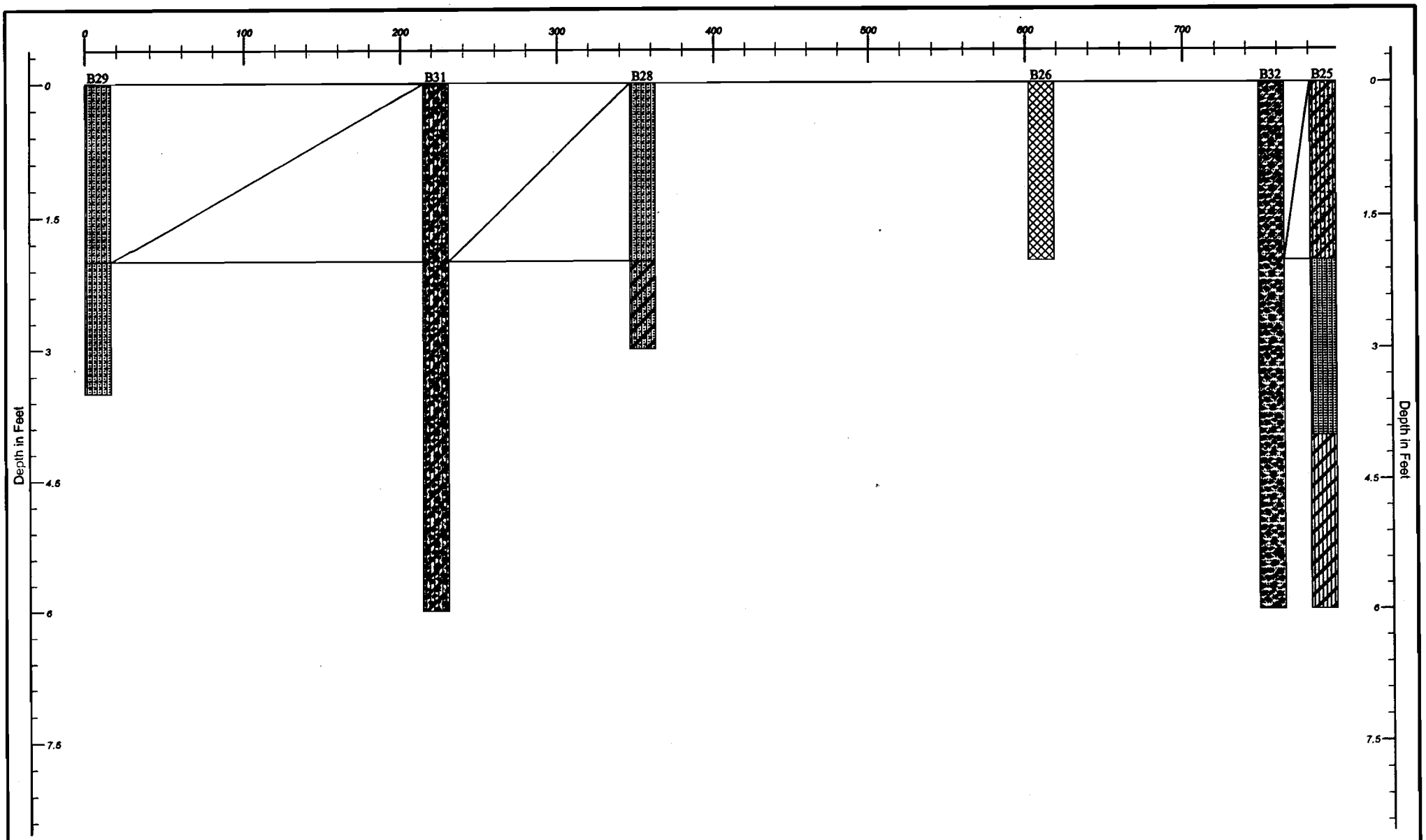
CROSS-SECTION PLAN VIEW

HALQUIST STONE CO. INC., (ROW)
LANNON, WISCONSIN

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

FIGURE 4

DRAWN/APPROVED BY: TWP/LJF | DATE: 05/09/05 | SCALE: 1:1000 m



Description not given for: "0T"

Description not given for: "0X"

Description not given for: "CZ8S"

Description not given for: "0CX"

Fill

Clayey sand and gravel

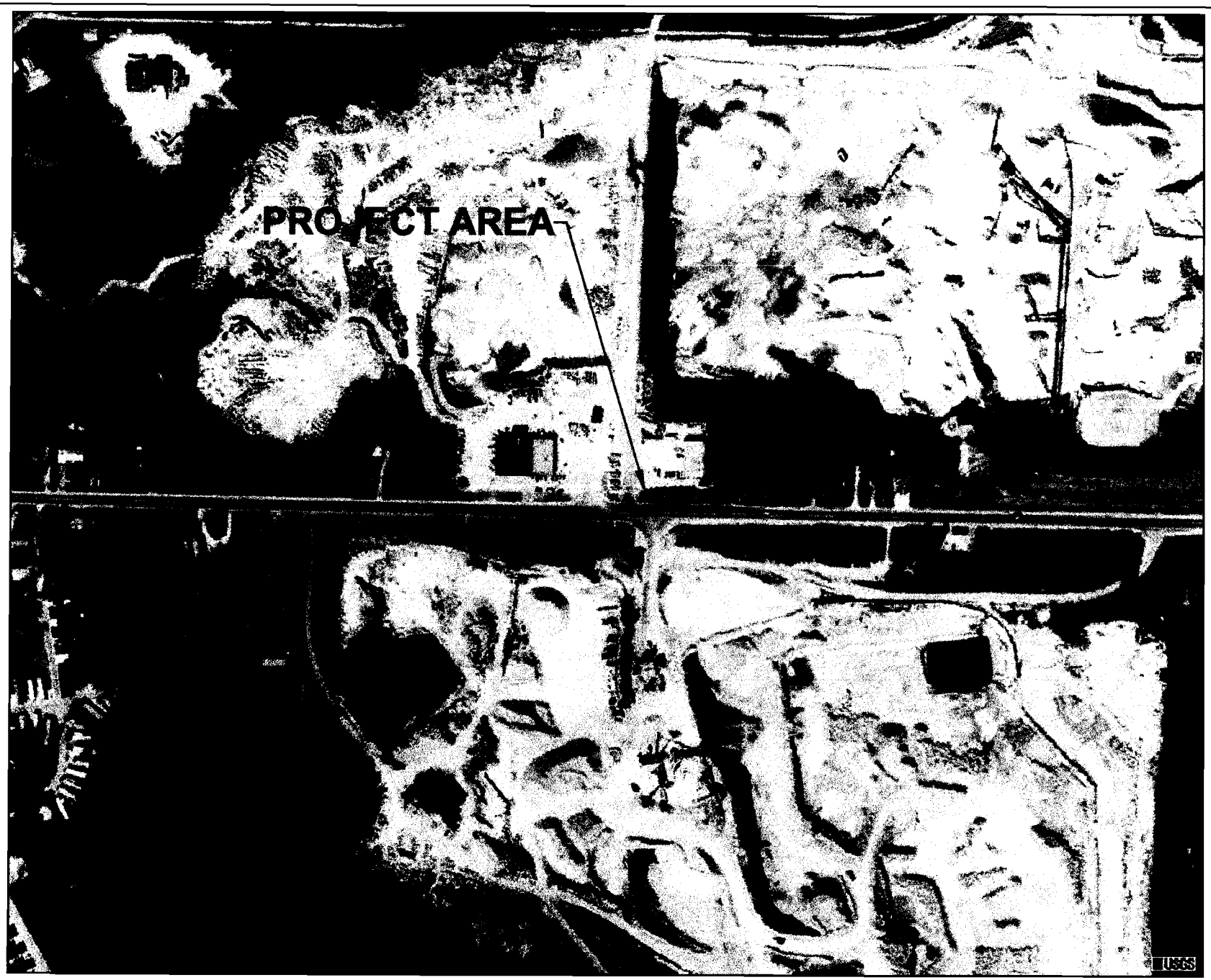
Well graded gravel and sand

Description not given for: "CZT"

Silty sand

Silty low plasticity clay

KAPUR & ASSOCIATES, INC. GENERALIZED SOIL PROFILE A-A'		
HORIZONTAL SCALE: 1"=(proportional)'	DRAWN BY TWP	DATE DRAWN
VERTICAL SCALE: 1"=1.5'		MAY 2, 2005 5/11/
Halquist Stone CO., Inc. (Right of Way)		
PROJECT NO. 96372.204		FIGURE 4a



SOURCE: TERRA SERVER. COM

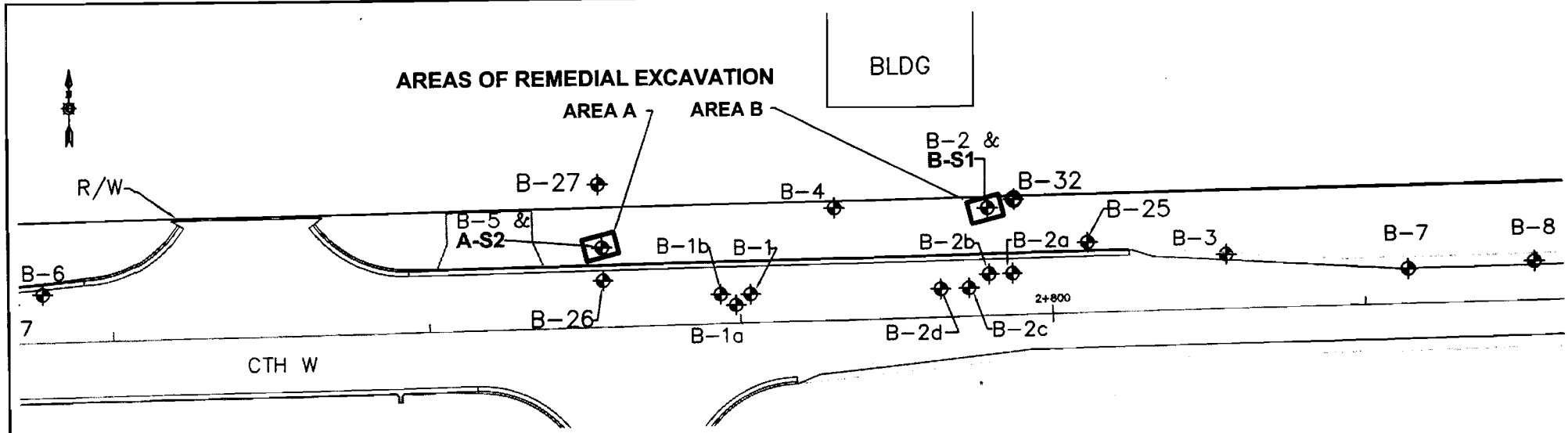
KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

AERIAL PHOTOGRAPH

CTH W ROW AT HALQUIST STONE CO. INC.
19628 WEST GOOD HOPE ROAD, LANNON, WISCONSIN

FIGURE 2

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER	DATE	REVISION DATE
TRP	DRM	LJF	96372.204	11/15/05	



				PAHs												
Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	Anthracene	Benz (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (ghi) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Phenanthrene	Pyrene
A-S1	2-4'	11/9/2005	0.00	0.0087	0.0540	*0.10000*	0.0850	0.0390	0.0810	0.0330	<0.0042	0.1100	<0.0022	0.0320	0.0360	0.0740
A-S2	2-4'	11/9/2005	0.00	<0.0042	<0.0028	<0.0027	<0.0023	<0.0051	<0.0019	<0.0023	<0.0042	<0.0035	<0.0022	<0.0048	<0.0021	<0.0062
B-S1	2-4'	11/9/2005	0.00	<0.010	<0.023	<0.012	0.0390	<0.021	0.0180	<0.012	<0.018	0.094	<0.010	0.0240	0.0380	0.0520
B-S2	2-4'	11/9/2005	0.00	0.0270	0.0580	*0.0800*	0.0850	0.0500	0.0600	0.0500	*0.0220*	0.0260	0.0380	0.0430	0.0140	0.0220
NR 720.09 RCLs Non-Industrial				5,000	0.09	0.01	0.09	1.80	0.88	8.80	0.01	600	600	0.09	18	500
NR 720.09 RCLs Industrial				30,000	3.90	0.39	3.90	39	39	390	0.39	40,000	40,000	3.90	390	30,000

A-S2 & B-S1 ARE CLOSURE SAMPLES COLLECTED FROM THE FLOOR OF THE EXCAVATIONS
A-S1 & B-S2 ARE COMPOSITE SAMPLES OF THE EXCAVATION SIDEWALLS

LEGEND:

◆B-X = BORING LOCATION AND NUMBER

SOIL SAMPLE RESULTS MAP

CTH W ROW AT HALQUIST STONE CO. INC.
LANNON, WISCONSIN

KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6000

FIGURE 3

TWP/LJF | 11/15/05 | 1" = 60'

Daniel M. Finley
County Executive

Dale R. Shaver
Director

Waukesha
COUNTY

DEPARTMENT OF
PARKS AND LAND USE

RECEIVED
MAY 23 2006
By LS

May 19, 2006

Program Assistant/Victoria Stovall
Remediation & Redevelopment Program
Wisconsin Dept. of Natural Resources
2300 N. Dr. Martin Luther King Jr., Dr.
Milwaukee, WI 53212

Certified Mail

Re: Legal Description Verification Letter – Soil GIS Registry Packet for Waukesha County Easement Site, 19628 W Goodhope Road, Lannon Wisconsin, BRRTS# 02-68-215680

Dear Ms. Stovall:

In reference to the above-mentioned GIS Registry Packet, as a duly authorized representative of Waukesha County, I believe that the legal description below describes the above-mentioned property completely and accurately.

> All that part of the Southeast one-quarter of Section 17, Township 8 North, Range 20 East, Village of Lannon, Waukesha County, Wisconsin, more particularly described as follows:
>
> Beginning at the Southwest corner of the Southeast one-quarter of said Section 17 said point being the point of beginning of the lands described herein; thence North 88°55'43" East along the south line of said section 250.00 feet to a point; thence North 00°19'49" East, 50.00 feet to a point, said point being the north right of way line of CTH W; thence South 88°55'43" West, along said north right of way line, 250.00 feet to the west line of said Southeast one-quarter of Section 17; thence South 00°19'49" West, along the west line of said southeast one-quarter, 50.00 feet to the point of beginning.

Sincerely,

Leslie W. Williams

Leslie W. Williams, RHSP, CHMM
Hazardous Materials Coordinator

Cc: George A. Morris, Manager, Environmental Health

Environmental Health Division
1320 Pewaukee Road • Room 260
Waukesha, Wisconsin 53188-3868
Phone: (262) 896-8300 Non-Metro: 1-800-567-2366 • Fax: (262) 896-8298
www.waukeshacounty.gov/eh