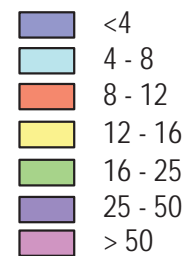
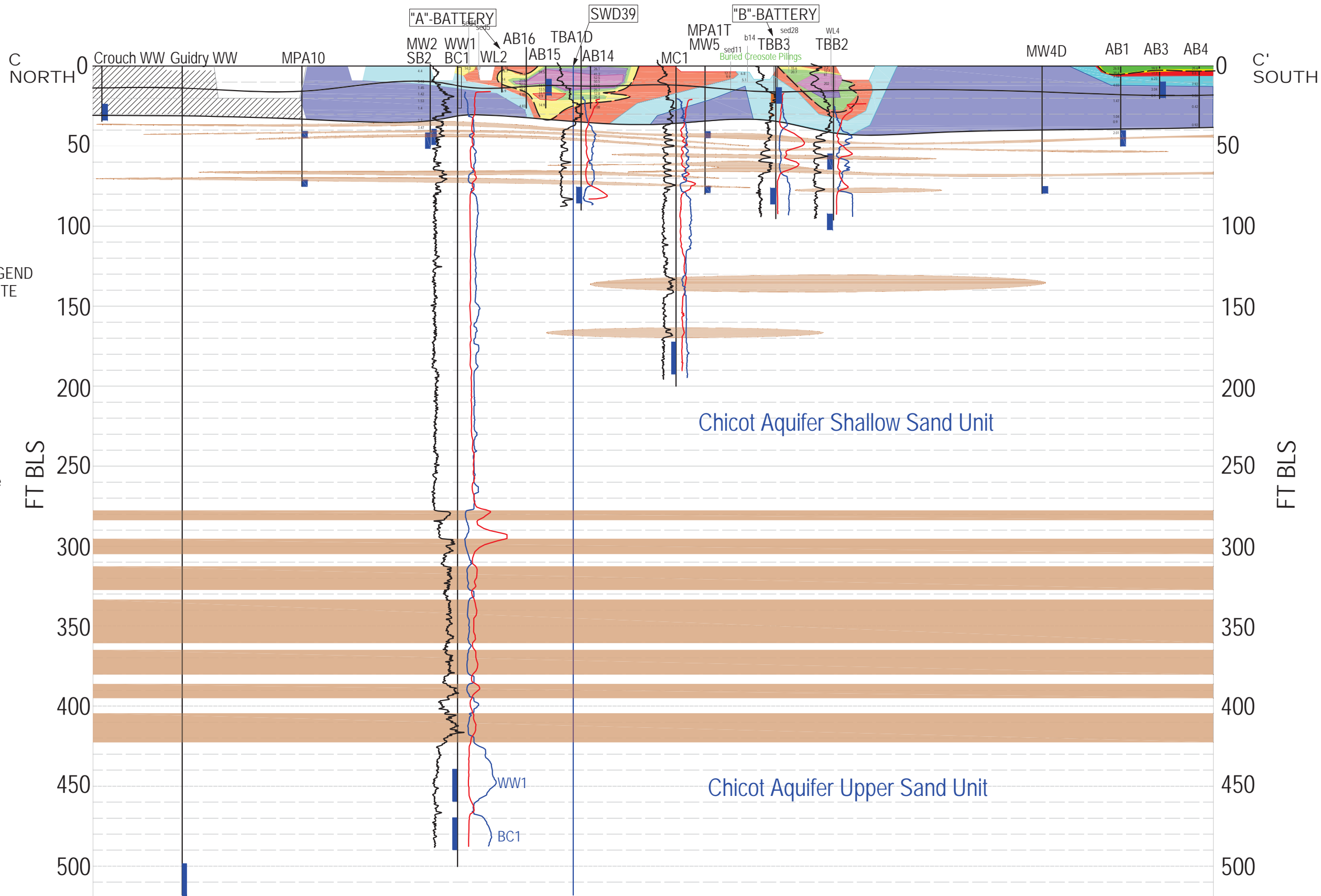


SOIL EC CONCENTRATION LEGEND
MMHOS/CM - SATURATED PASTE



Exceeds 29B Leachate Chlorides



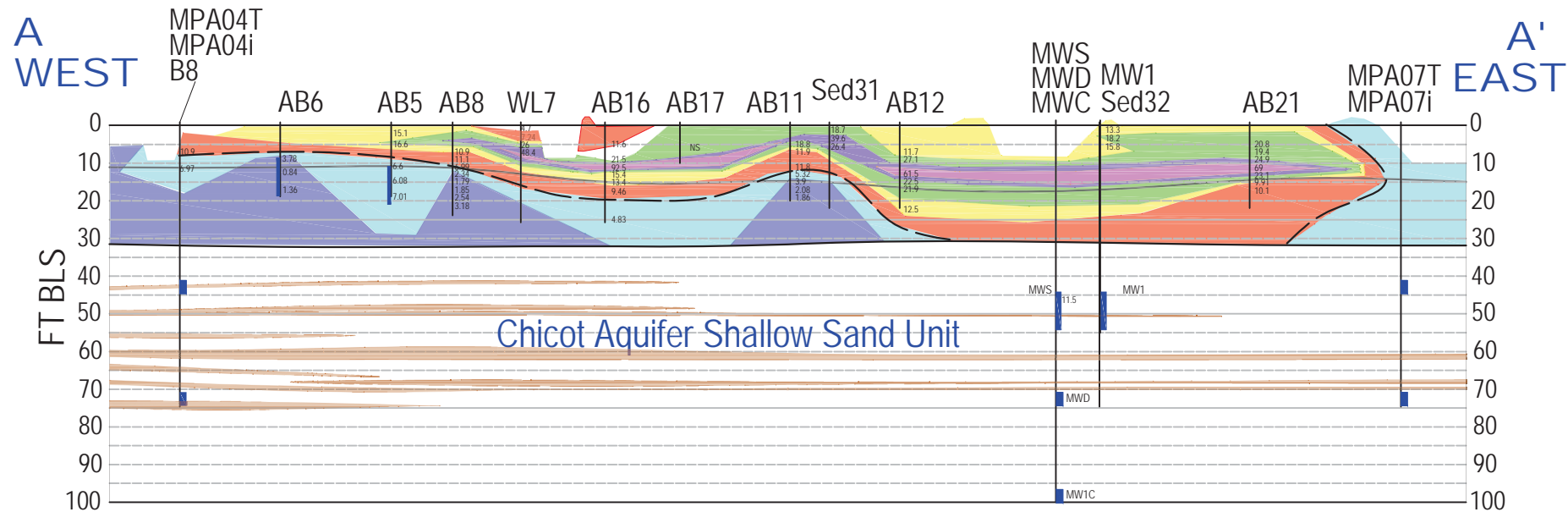
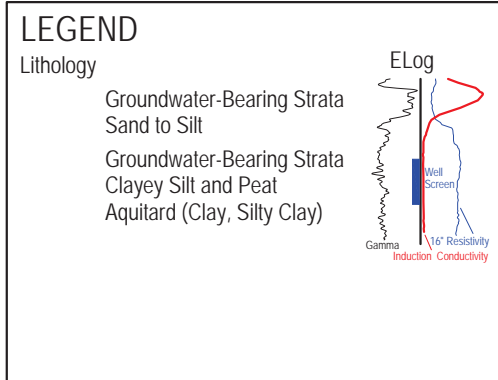
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2049 COMMERCIAL DRIVE
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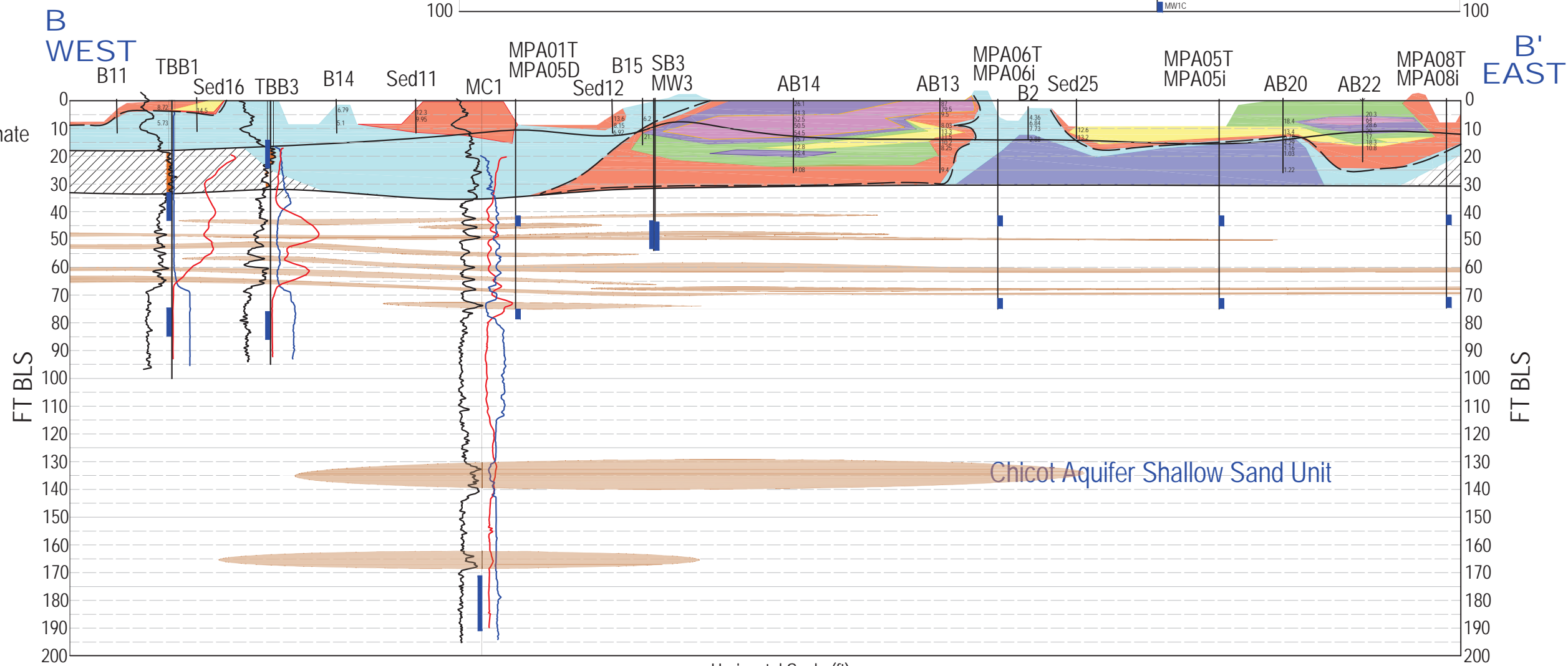
SOIL EC ON NORTH-SOUTH CROSS SECTION DIAGRAM
State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

FILENAME WhiteLake_XSec.dwg	REV #
JOB NO. 9130-004-0200	DATE DEC 2015
DIRECTORY Carmouche/VermParish/ELW	FIGURE NO. 4-1

SOIL EC CONCENTRATION LEGEND
MMHOS/CM - SATURATED PASTE



Exceeds 29B Leachate Chlorides



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SOIL EC ON EAST-WEST CROSS SECTION DIAGRAM
State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

FILENAME WhtLake_XSecs.dwg	REV #
JOB NO. 9130-004-0200	DATE DEC 2015
DIRECTORY Carmouche/VermParish/ELM	FIGURE NO. 4-2

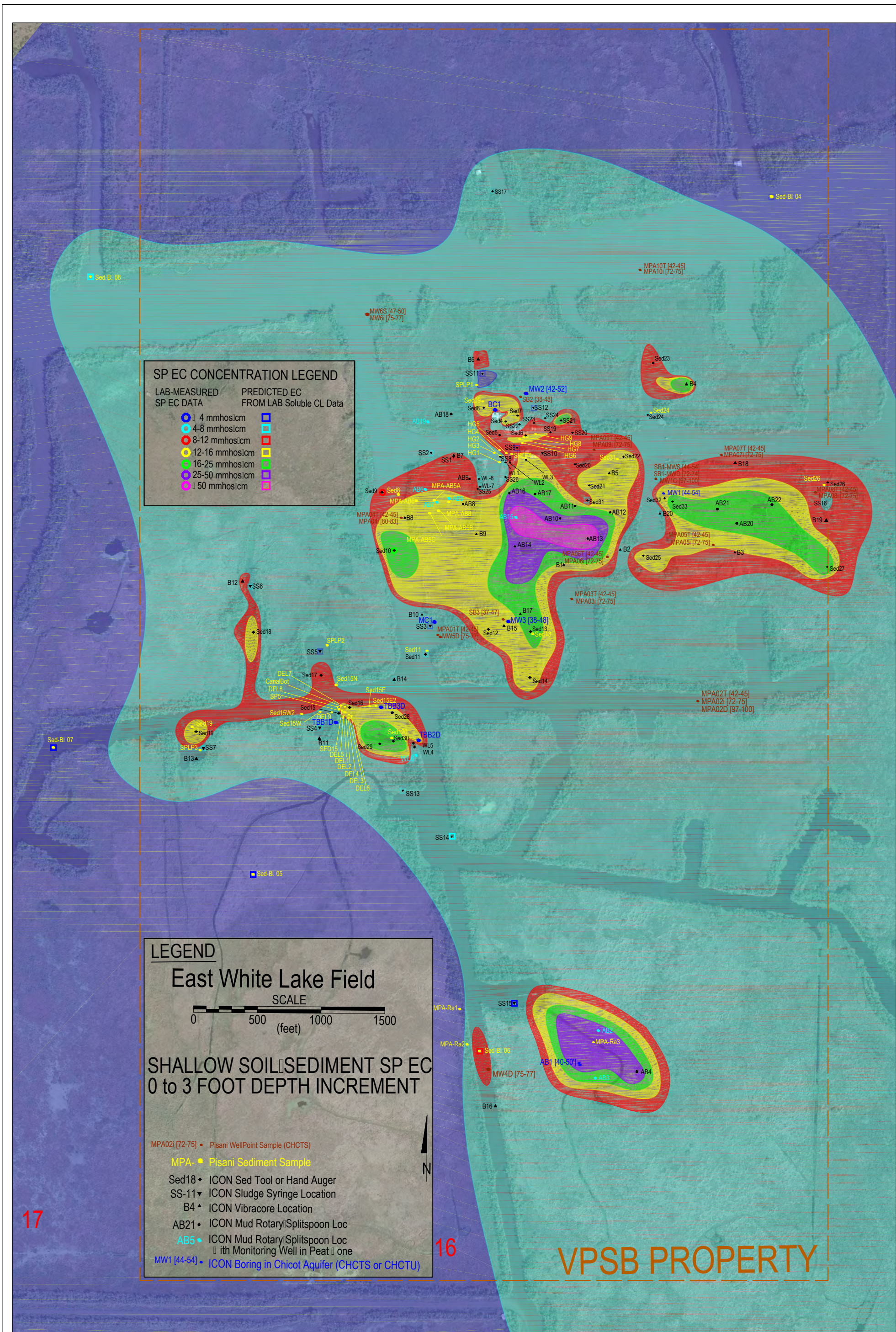


Figure 4-3
SOIL EC AT THE 0 TO 3 FOOT DEPTH INCREMENT

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

File Name: whitelake2009.dwg Project Number: 9077-041-0100 File Directory Drawn By: GWM	Date: Dec 2015 Figure: 4-3

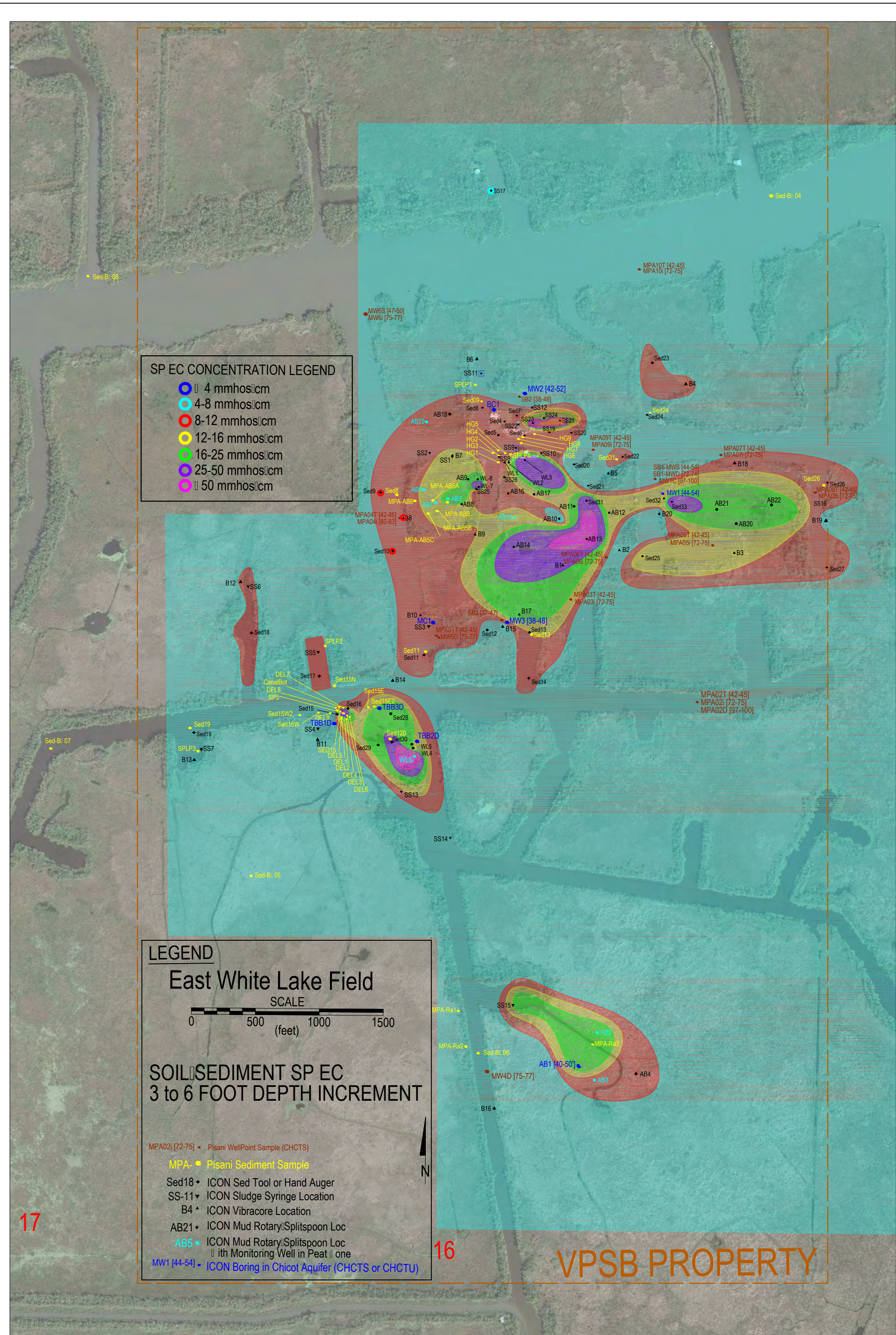


Figure 4-4
 SOIL EC AT THE 3 TO 6 FOOT DEPTH INCREMENT
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

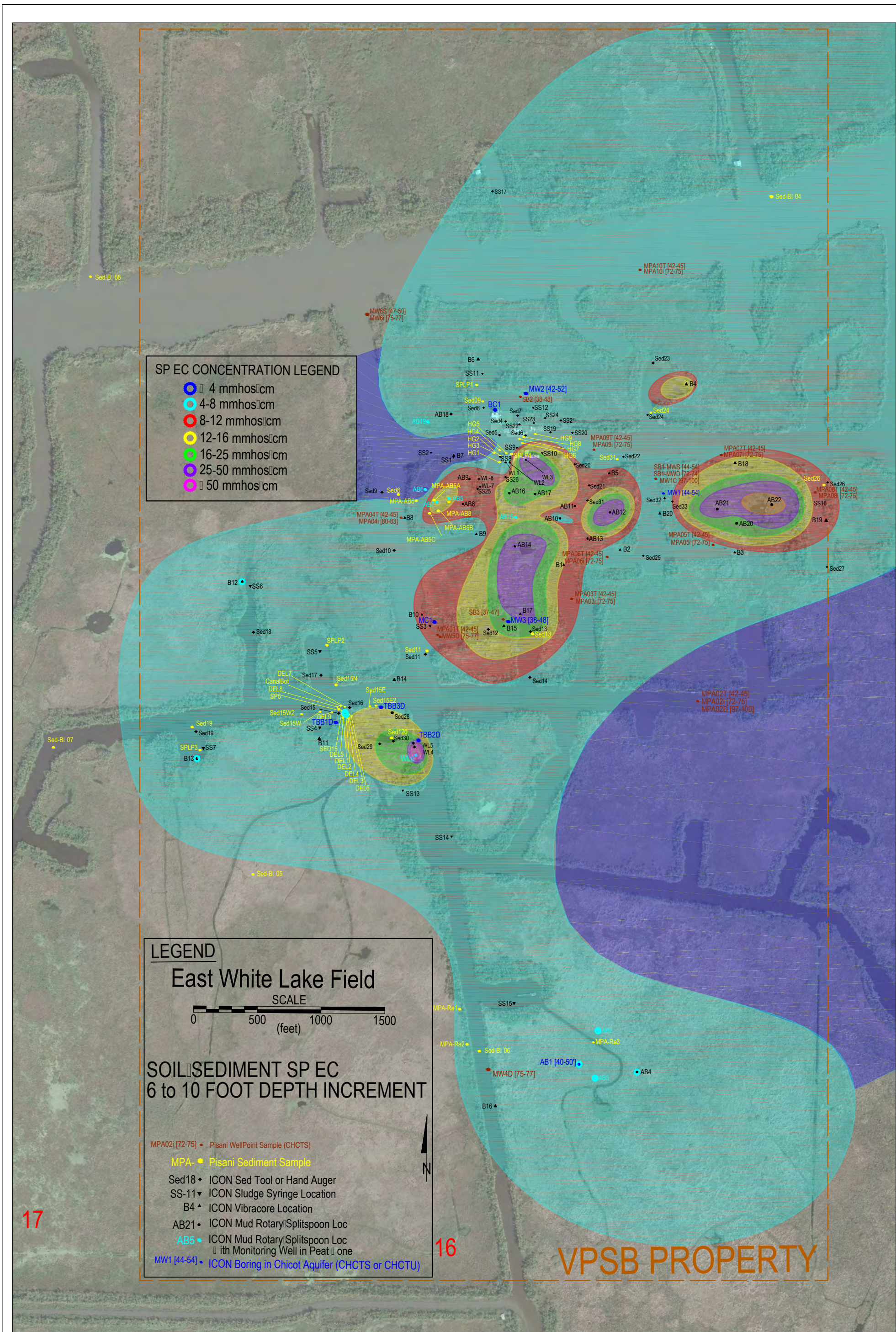


Figure 4-5
SOIL EC AT THE 6 TO 10 FOOT DEPTH INCREMENT

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

ICON ENVIRONMENTAL SERVICES, INC. 2049 Commercial Dr., Port Allen, LA 70767	
File Name: whitelake2009.dwg	Date: Dec 2015
Project Number: 9077-041-0100	Figure
File Directory	4-5
Drawn By: GWM	

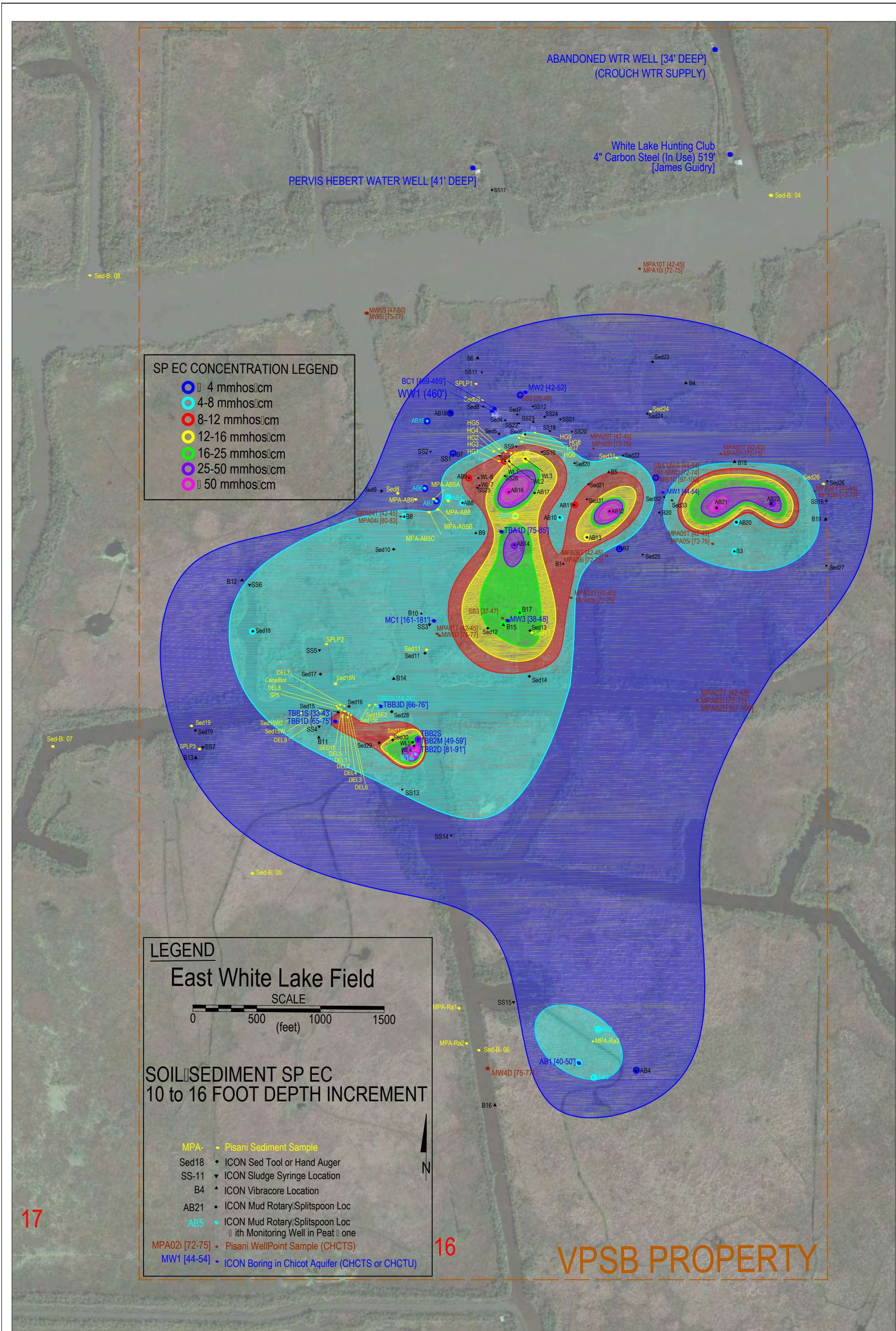


Figure 4-6
SOIL EC AT THE 10 TO 16 FOOT DEPTH INCREMENT

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

File Name: whitelake2009.dwg Project Number: 9077-041-0100 File Directory Drawn By: GWM	Date: Dec 2015 Figure: 4-6

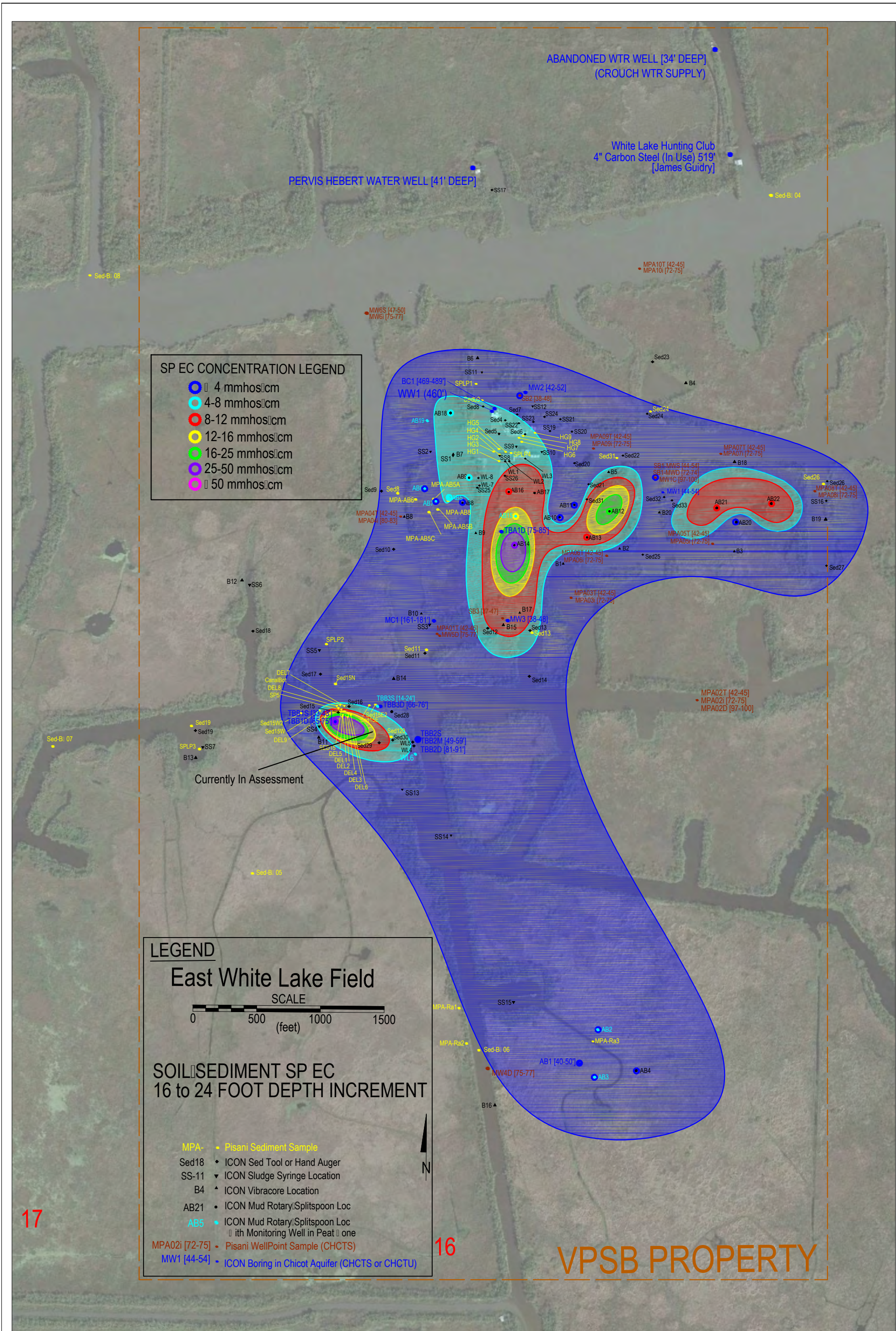


Figure 4-7
SOIL EC AT THE 16 TO 24 FOOT DEPTH INCREMENT

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
		Figure	4-7
File Name:	whitelake2009.dwg	Drawn By:	GWM
Project Number:	9077-041-0100		

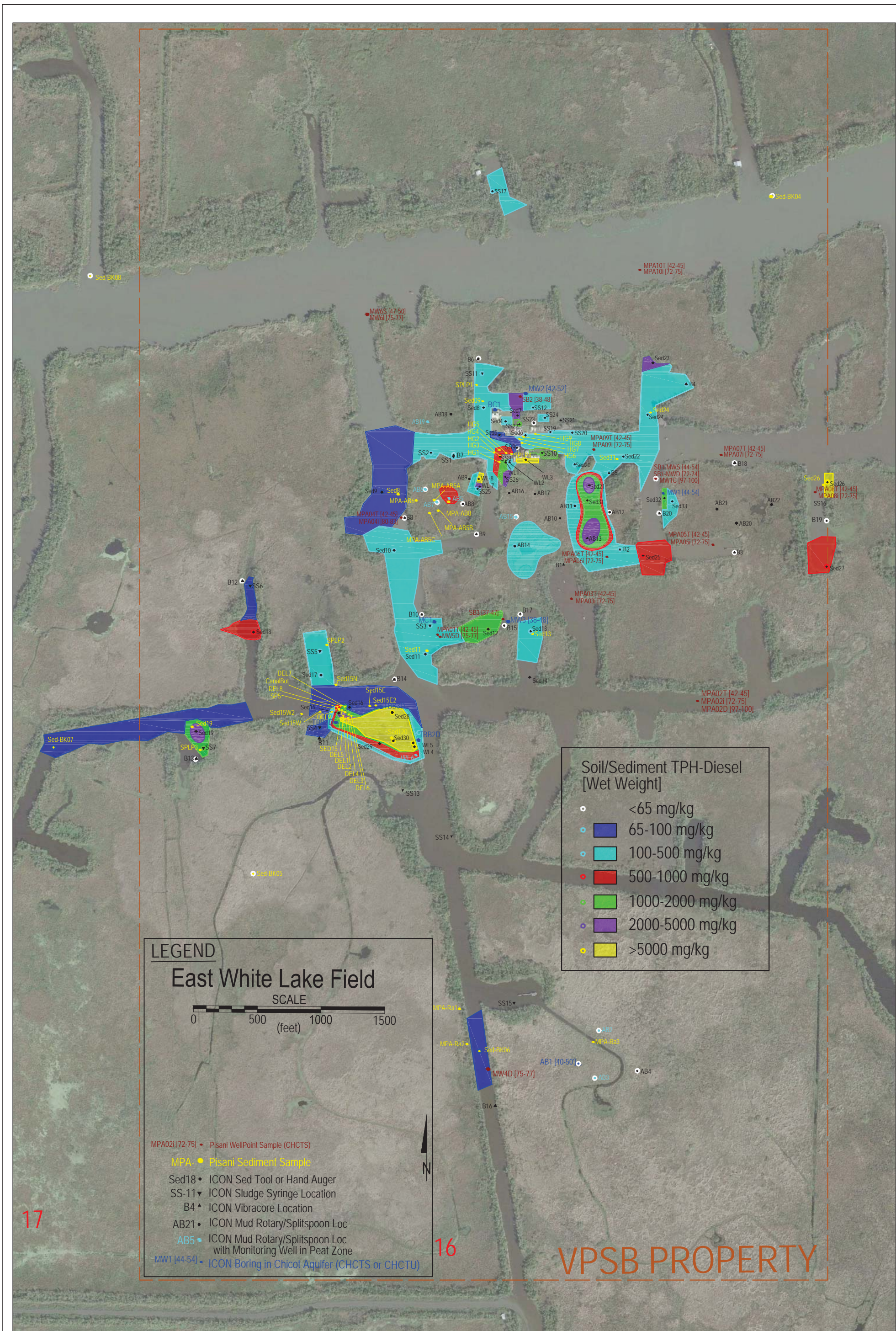


FIGURE 4-8
 SOIL/SEDIMENT TPH-DIESEL RANGE HYDROCARBONS
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

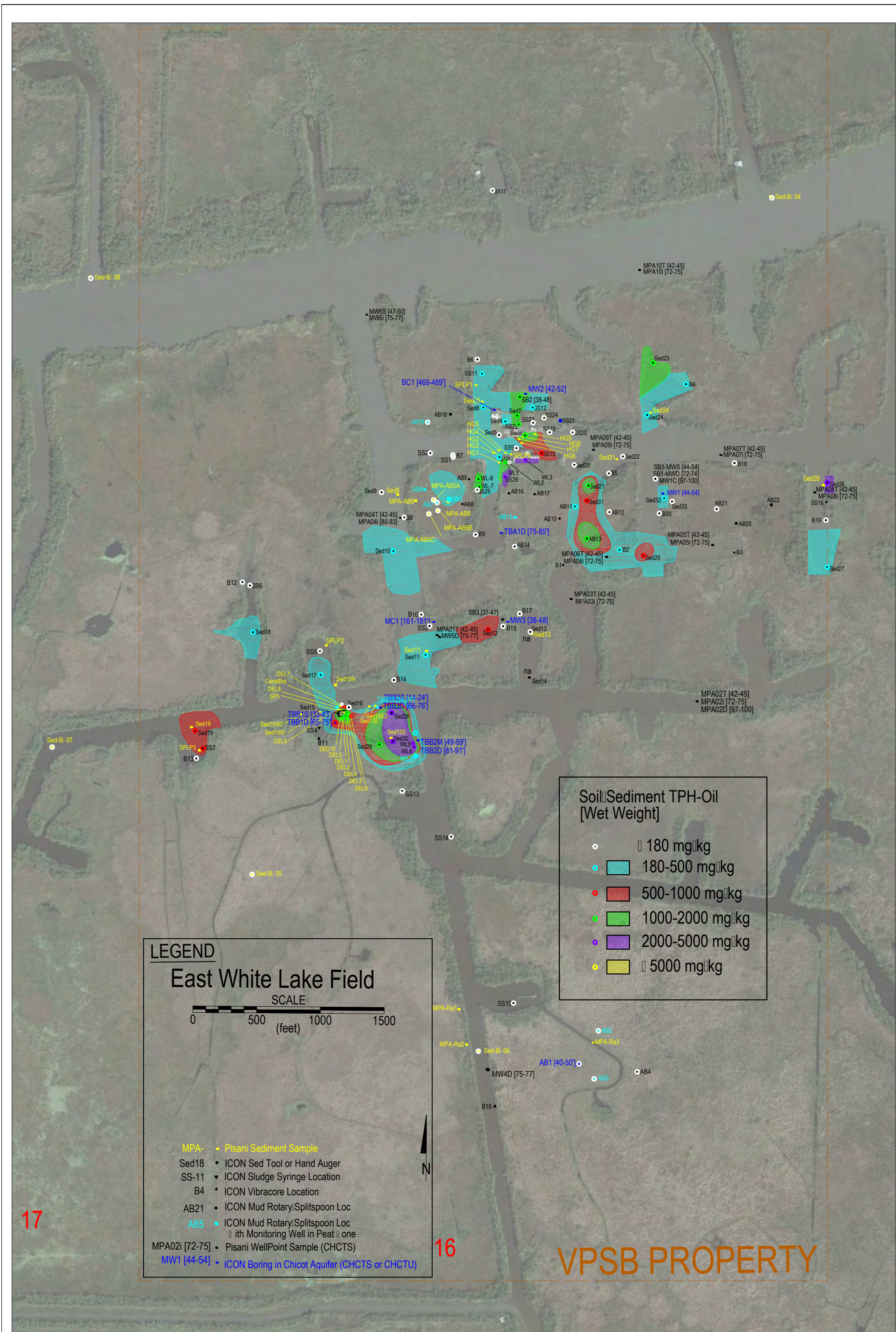


FIGURE 4-9
SOIL/SEDIMENT TPH-OIL RANGE HYDROCARBONS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

		File Name: whitelake2009.dwg	Date: Dec 2015
		Project Number: 9077-041-0100	Figure 4-9
File Directory		Drawn By: GWM	

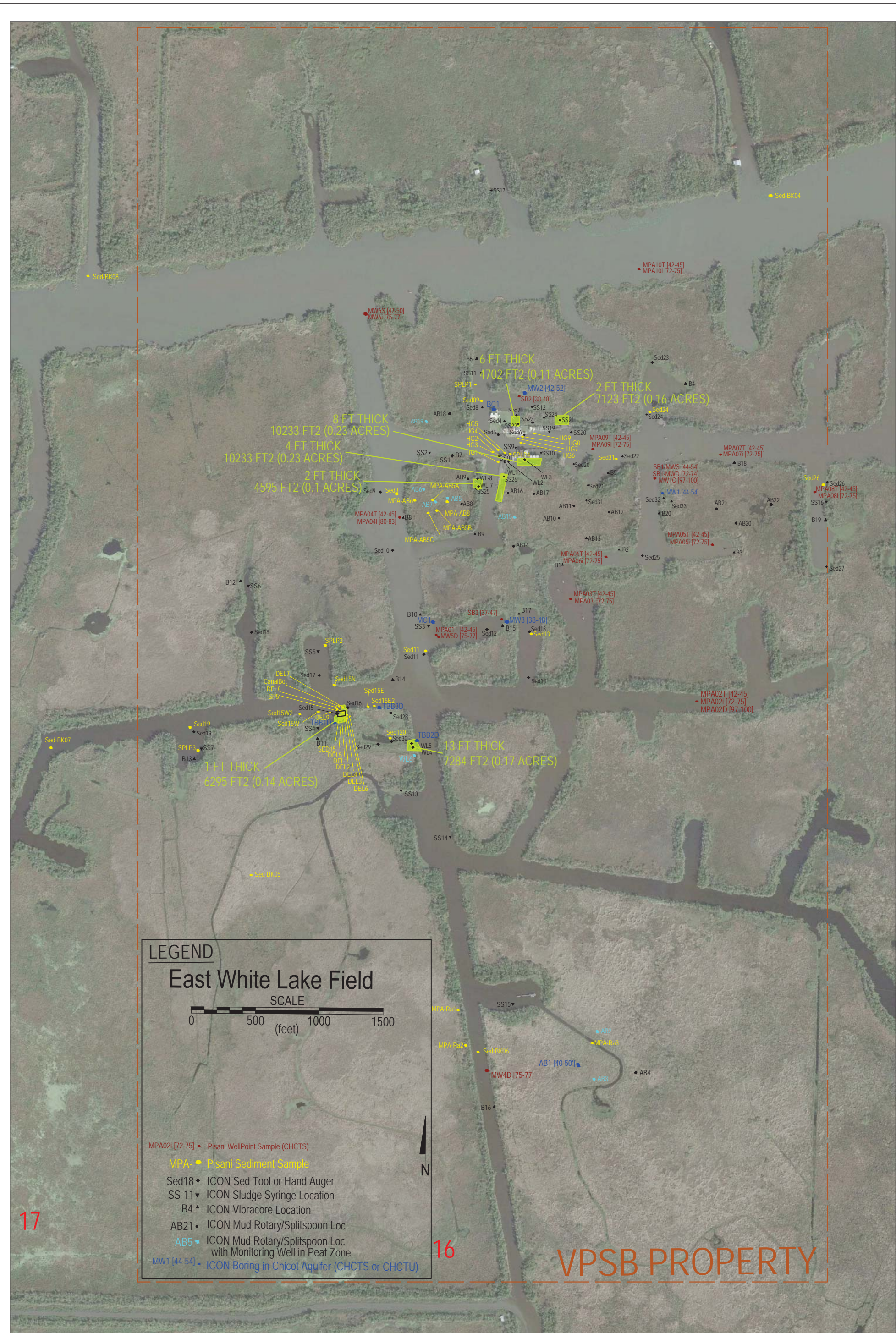


FIGURE 4-10
 SOIL/SEDIMENT HEM OIL & GREASE
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

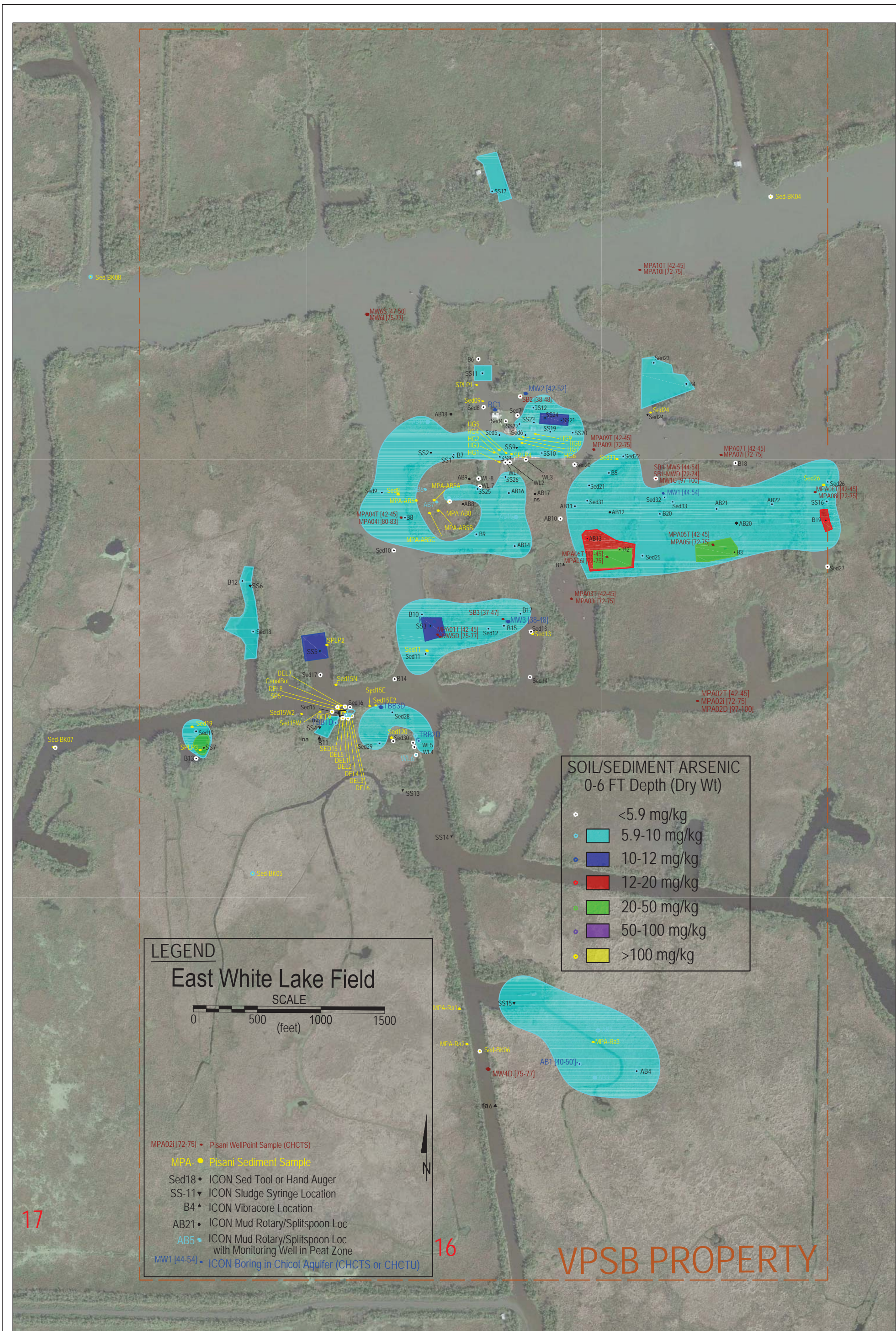


FIGURE 4-11
SOIL/SEDIMENT ARSENIC AT THE 0 TO 6 FT DEPTH INCREMENT

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

File Name: whitelake2009.dwg	Date: Dec 2015
Project Number: 9077-041-0100	Figure
File Directory	4-11
Drawn By: GWM	

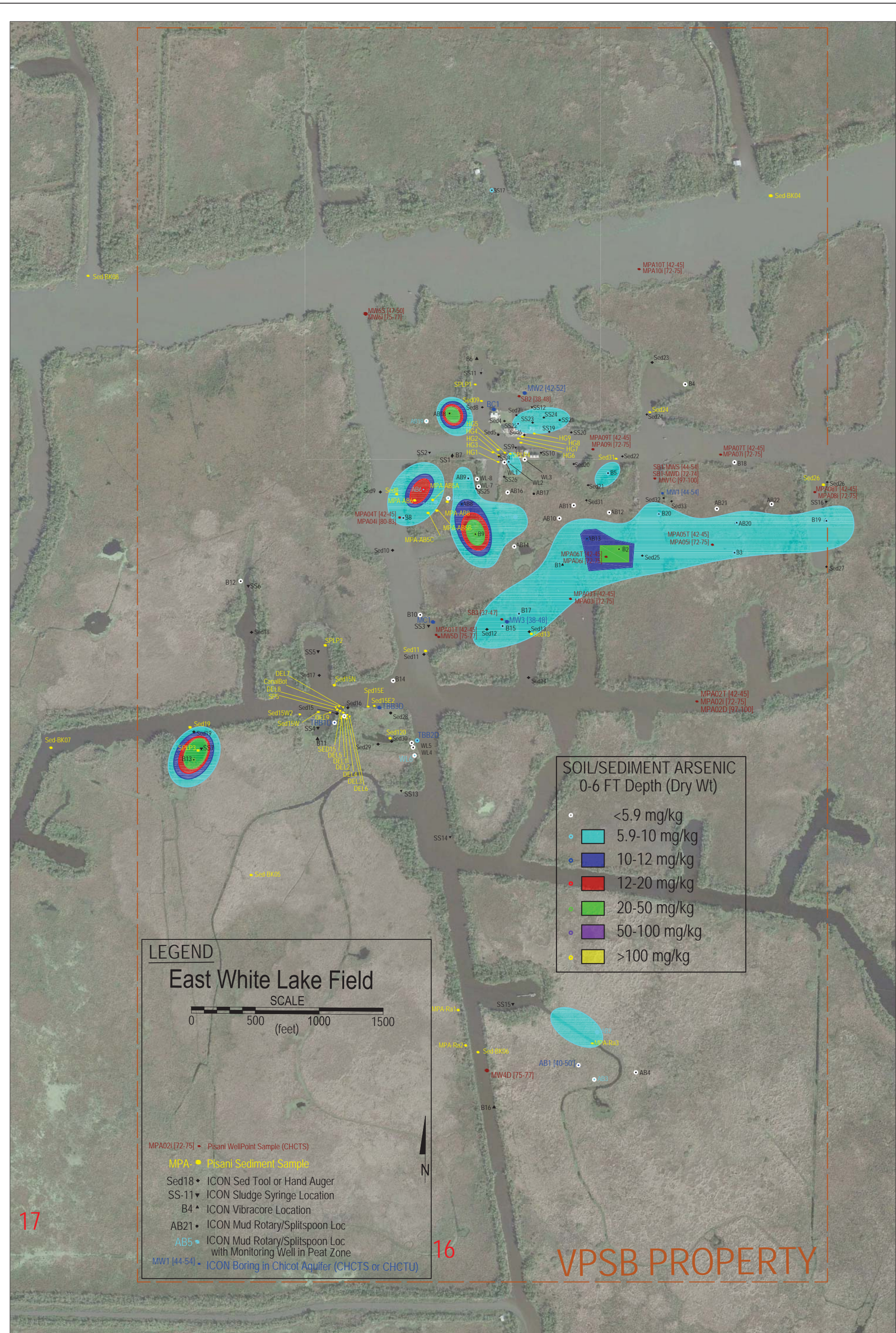


FIGURE 4-12
 SOIL ARSENIC AT THE 6 TO 12 FT DEPTH INCREMENT
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

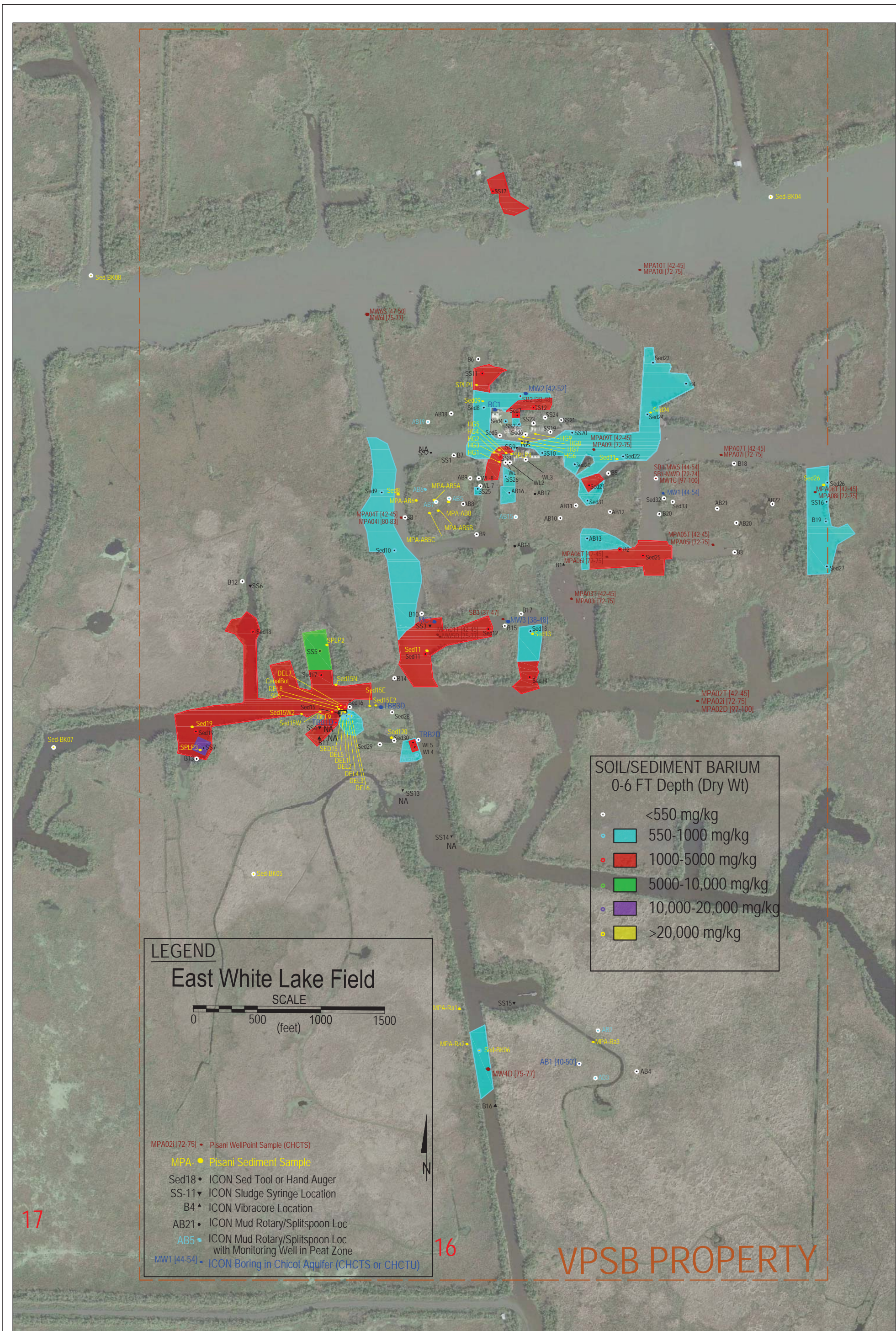


FIGURE 4-13
 SOIL/SEDIMENT BARIUM
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

File Name: whitelake2009.dwg	Date: Dec 2015
Project Number: 9077-041-0100	Figure: 4-13
File Directory	
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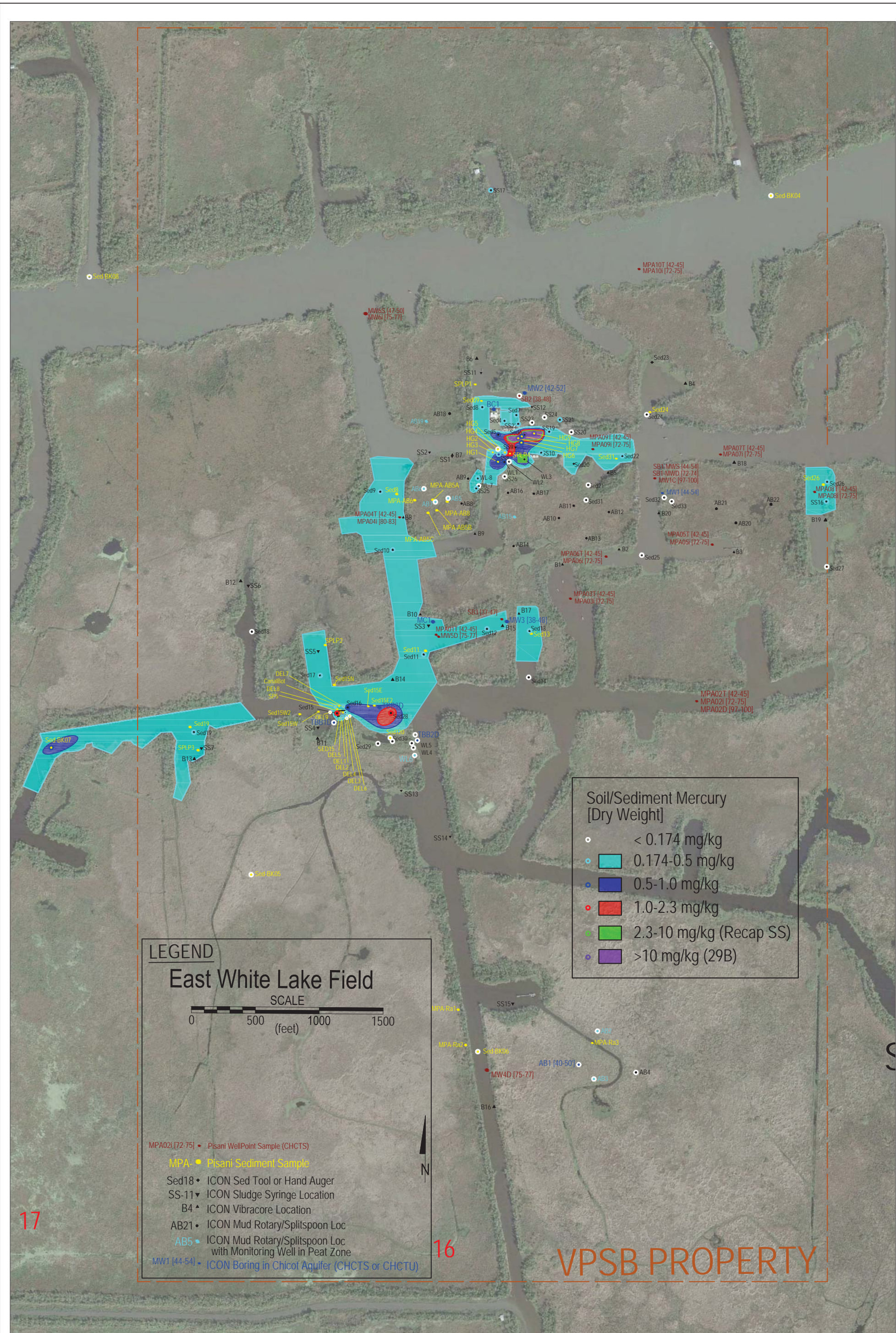
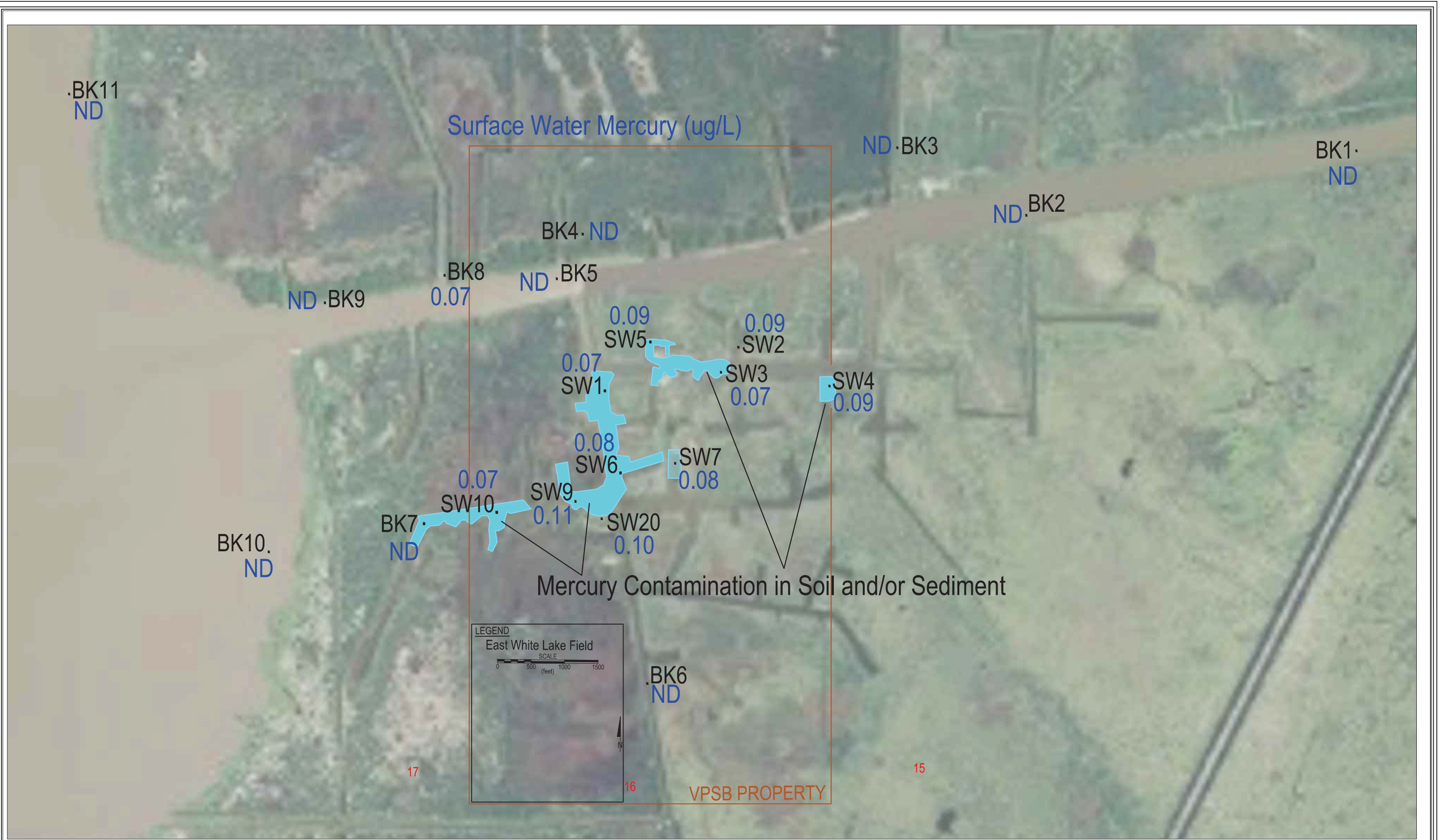


FIGURE 4-14
 SOIL / SEDIMENT MERCURY
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA



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Gonzales, Louisiana 70707

FIGURE 4-15
SURFACE WATER MERCURY
State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

FILENAME	REV #
WhiteLake_XSec.dwg	
JOB NO. 9130-004-0200	DATE DEC 2015
DIRECTORY Carmouche/VermParish/ELW	FIGURE NO. 4-15

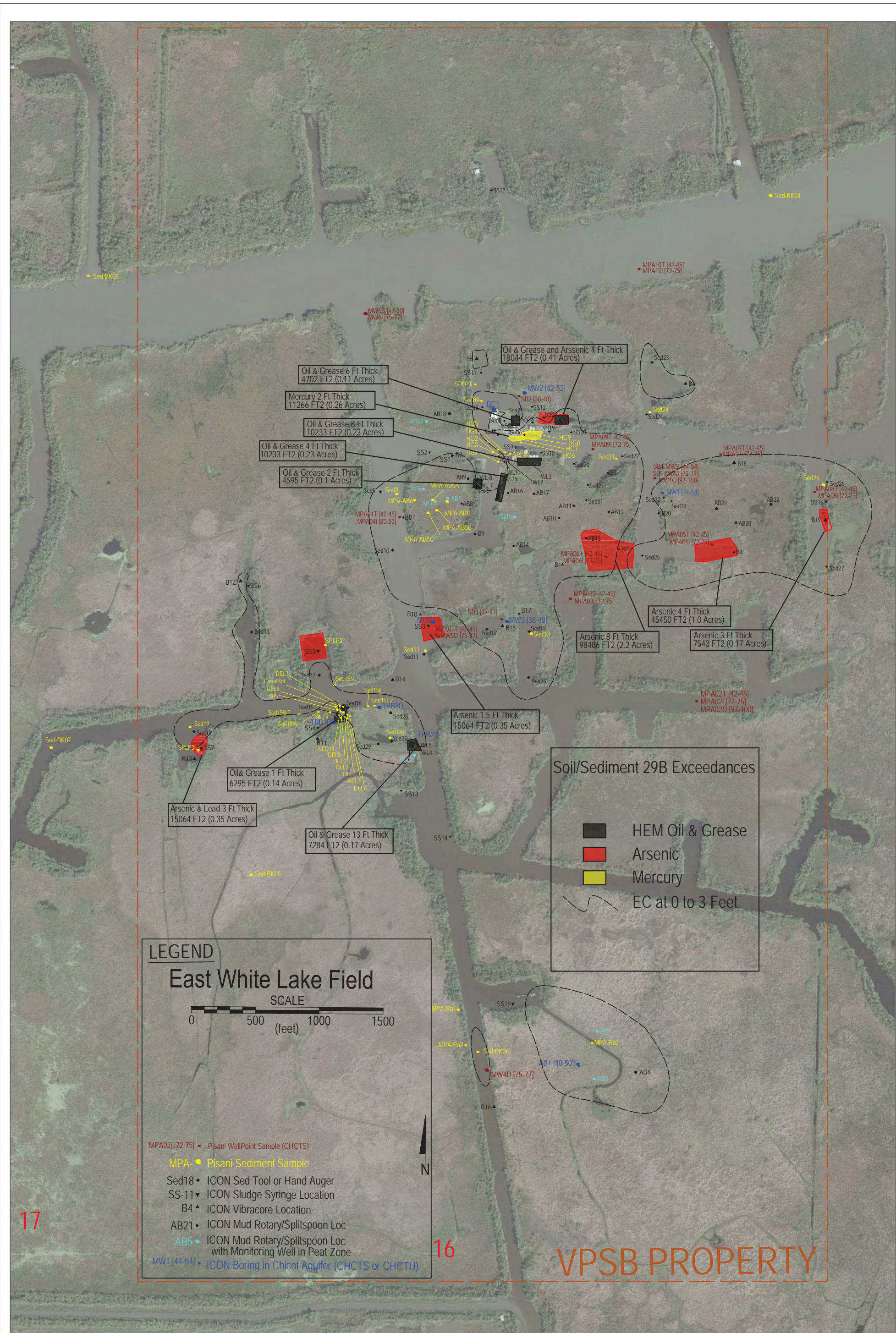


FIGURE 4-16
 SOIL/SEDIMENT STATEWIDE ORDER 29B EXCEEDANCES

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
		Figure	4-16
File Name:	whitelake2009.dwg	Drawn By:	GWM
Project Number:	9077-041-0100		

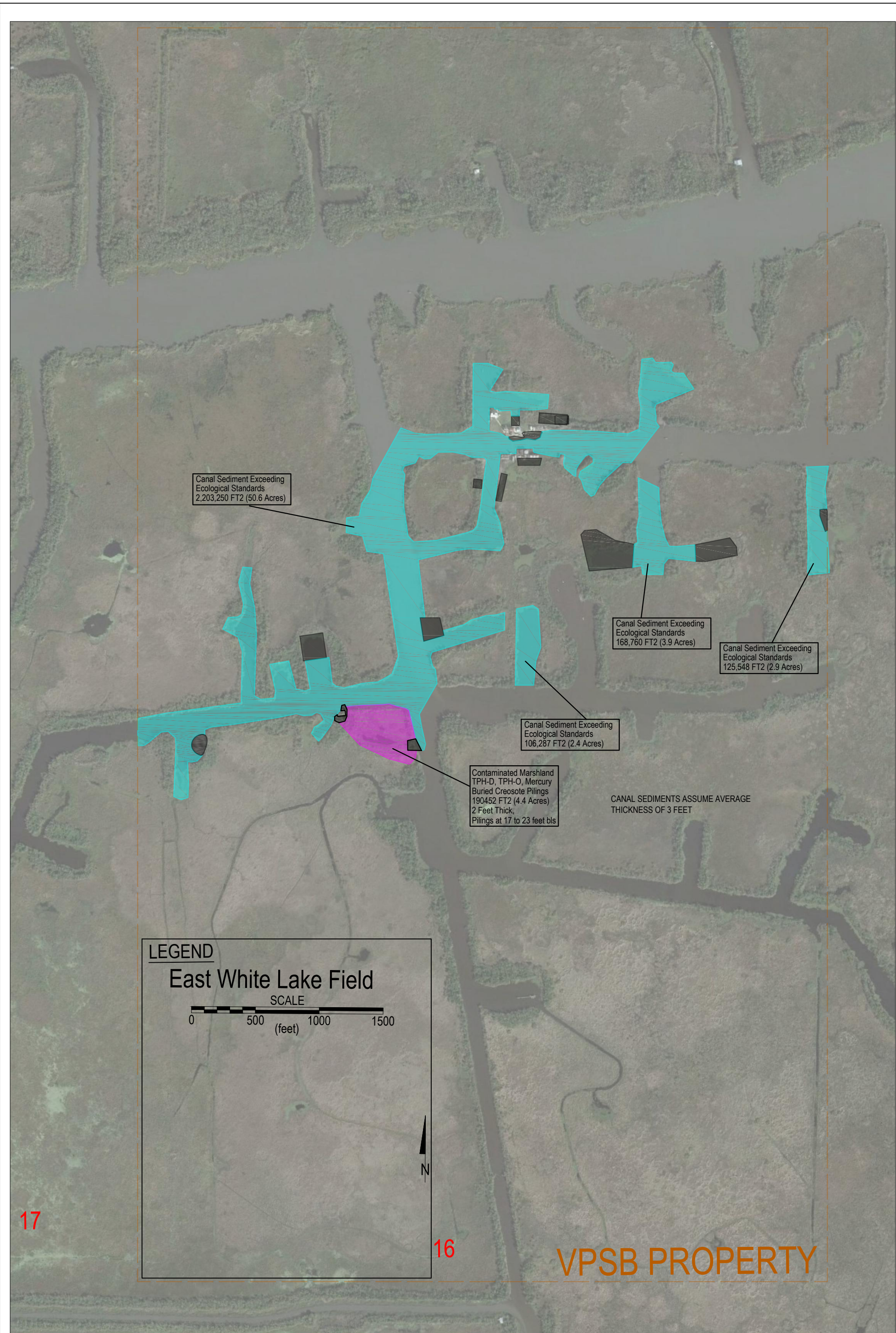


FIGURE 4-17
SOIL/SEDIMENT EXCEEDING ECOLOGICAL STANDARDS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
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File Name:	whitelake2009.dwg	File Directory:	
Project Number:	9077-041-0100	Drawn By:	GWM

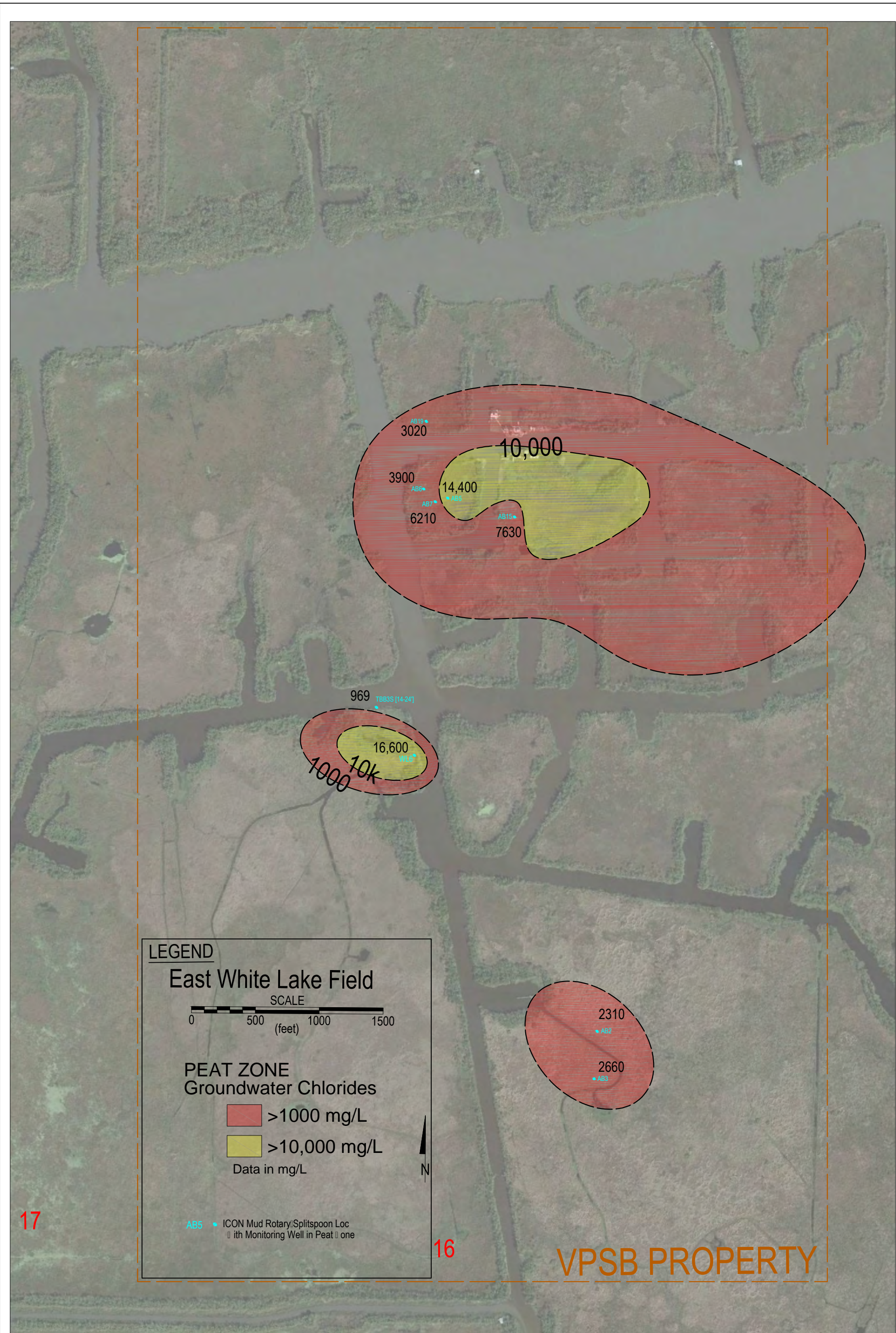


Figure 4-18
 GROUNDWATER CHLORIDES IN THE PEAT □ ONE
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

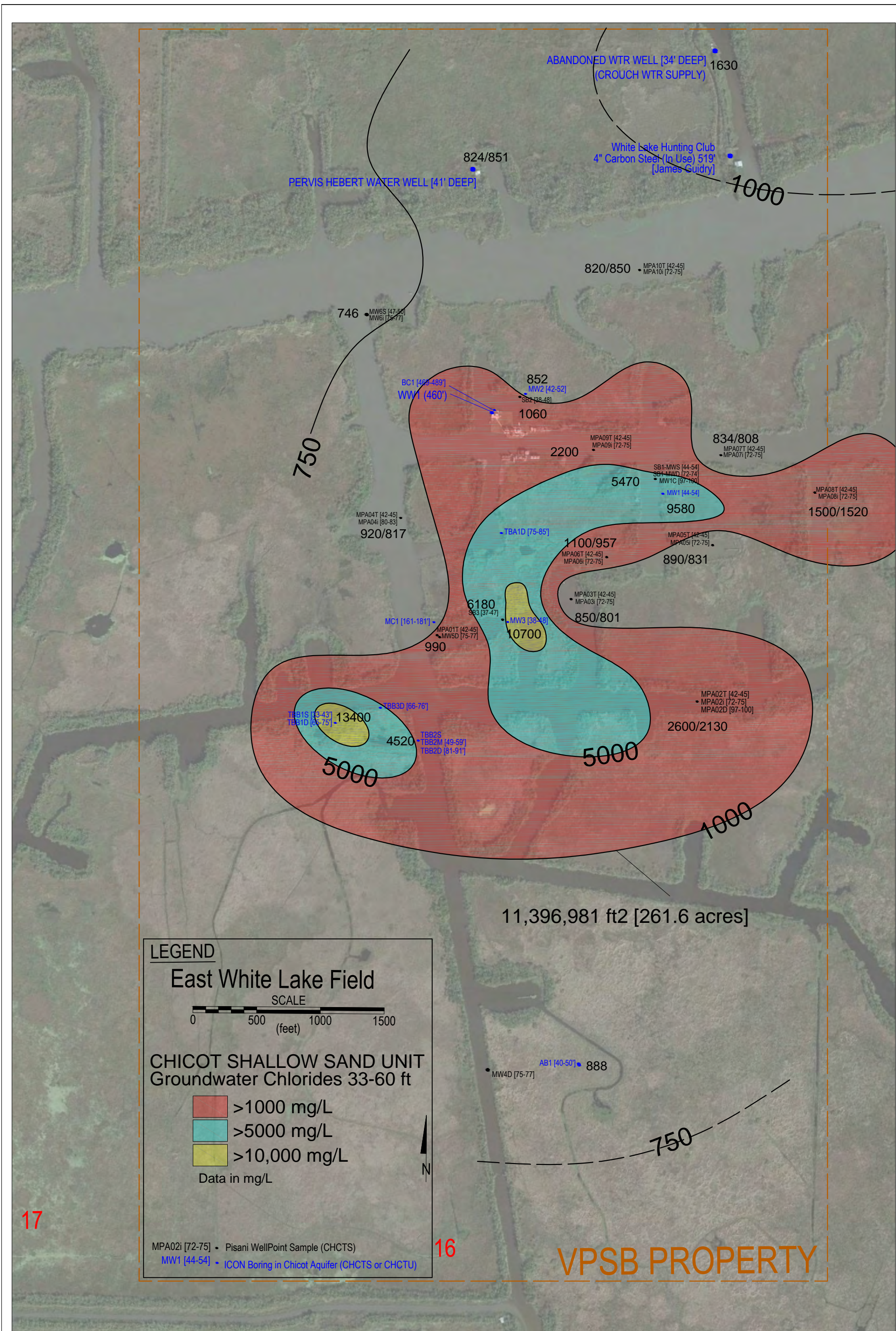


Figure 4-19

GROUNDWATER CHLORIDES IN THE CHICOT SHALLOW SAND UNIT AT 33 TO 60 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
		Figure	4-19
File Name:	whitelake2009.dwg	Project Number:	9077-041-0100
File Directory:		Drawn By:	GWM

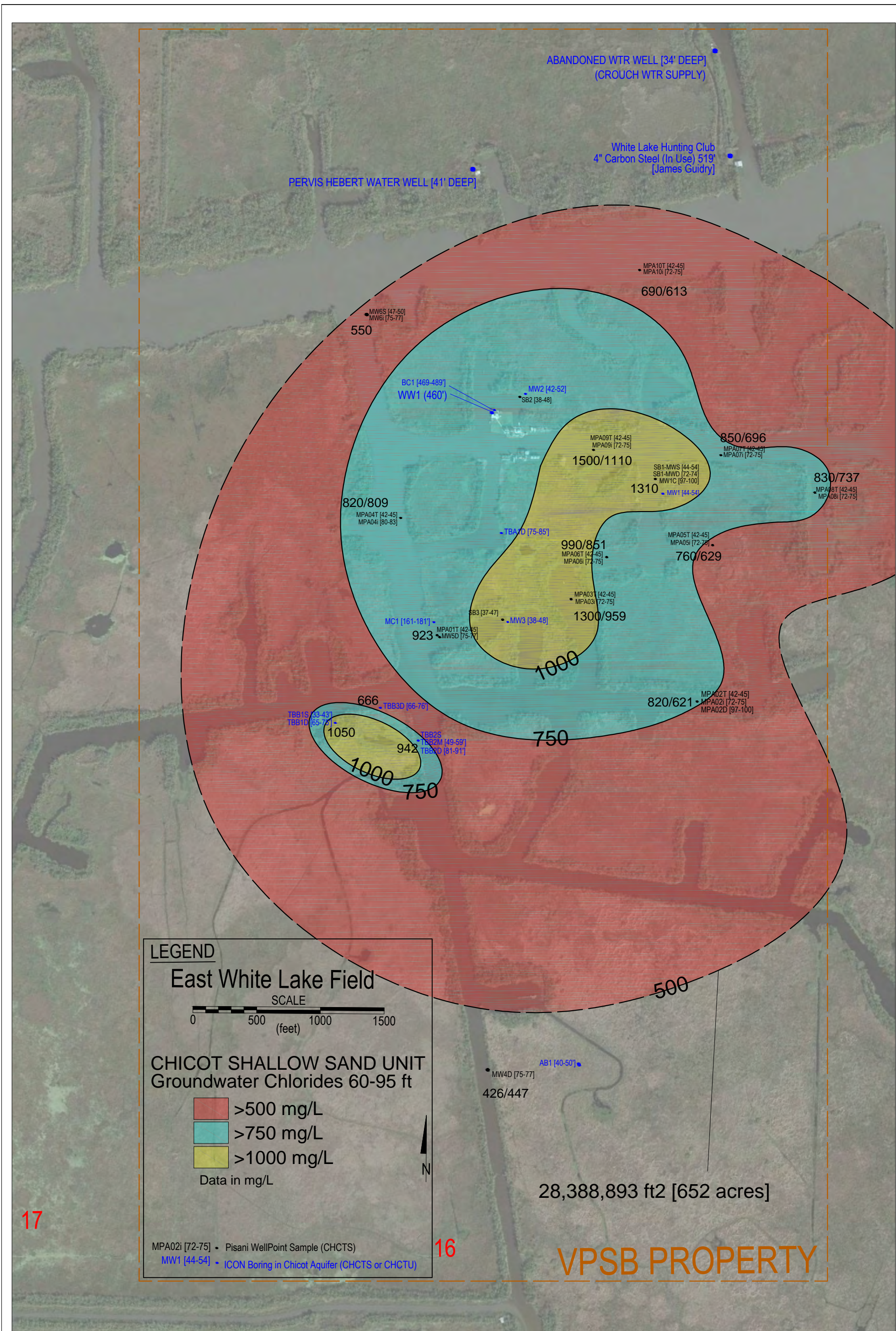


Figure 4-20

GROUNDWATER CHLORIDES IN THE CHICOT SHALLOW SAND UNIT AT 60 TO 95 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

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		Project Number: 9077-041-0100	Figure 4-20
File Directory		Drawn By: GWM	

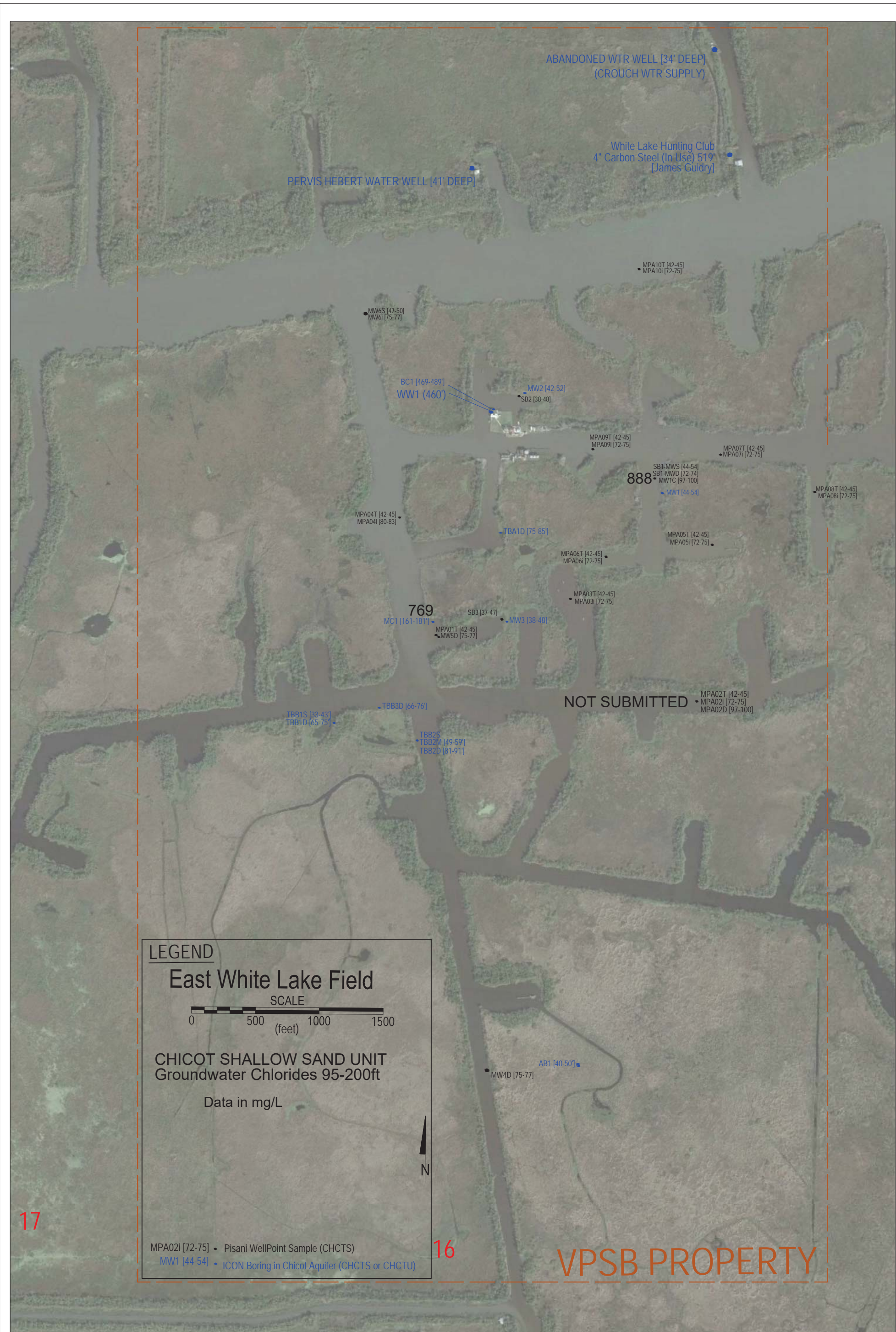
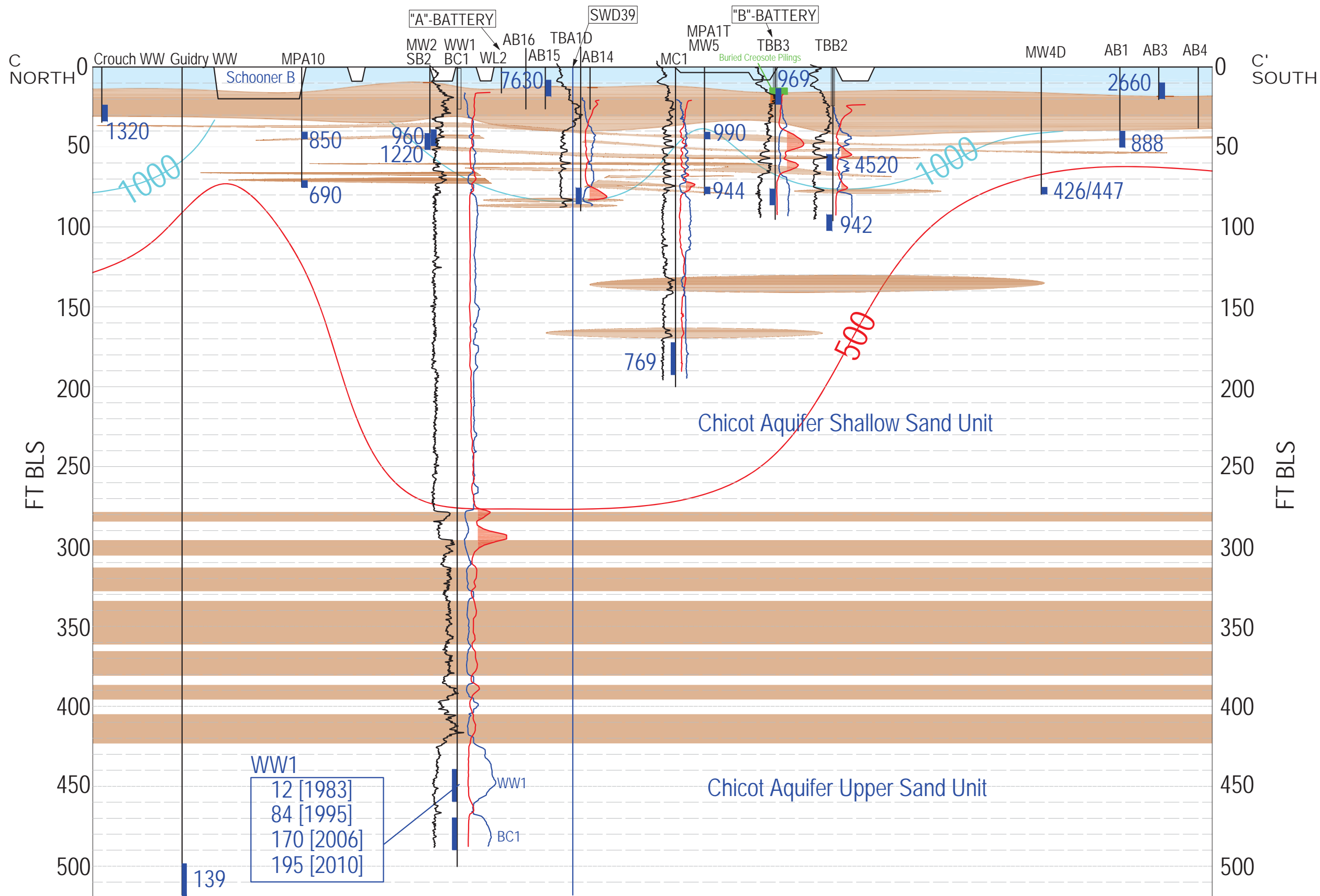
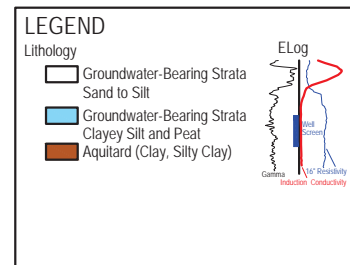


Figure 4-21
 GROUNDWATER CHLORIDES IN THE CHICOT SHALLOW SAND UNIT AT 95 TO 200 FEET BLS
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
		Figure	4-21
File Name:	whitelake2009.dwg	File Directory:	GWM
Project Number:	9077-041-0100	Drawn By:	GWM

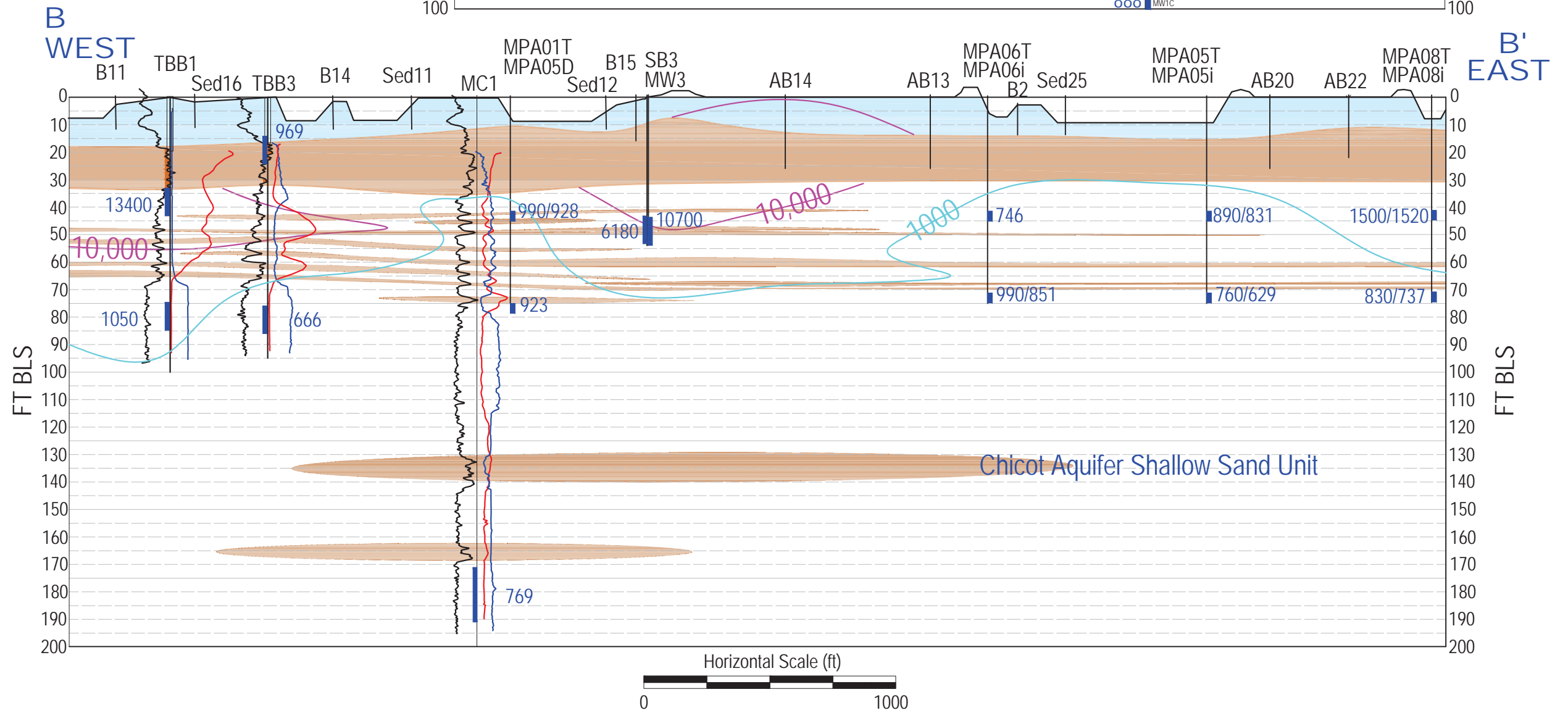
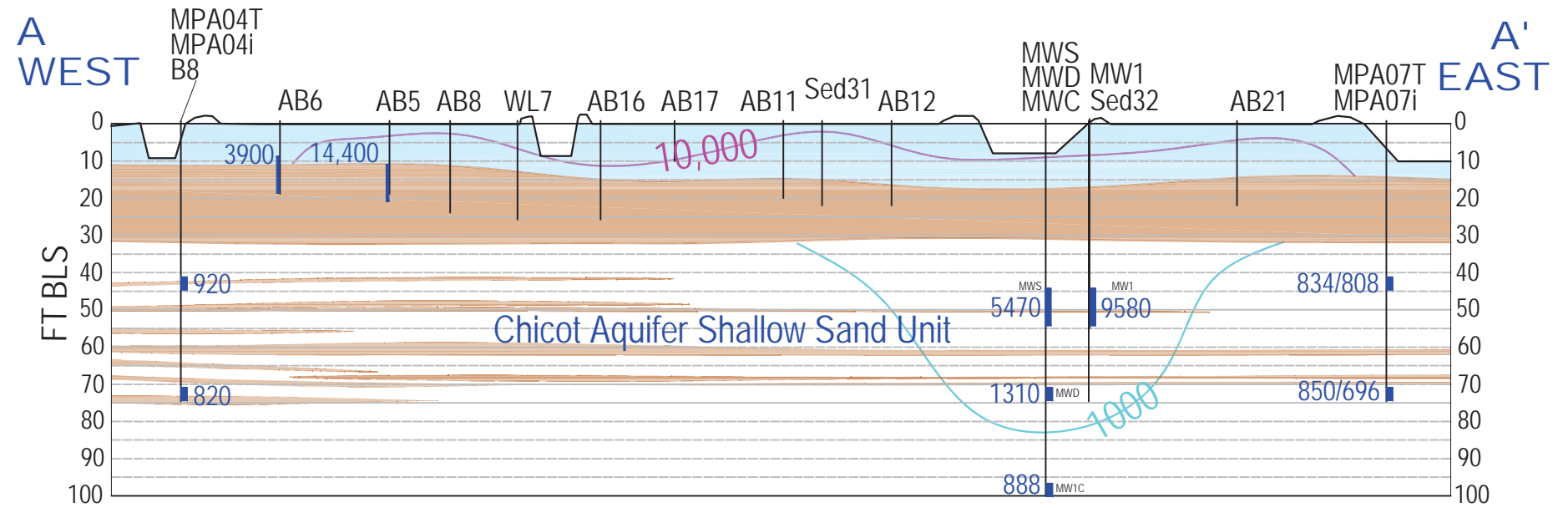
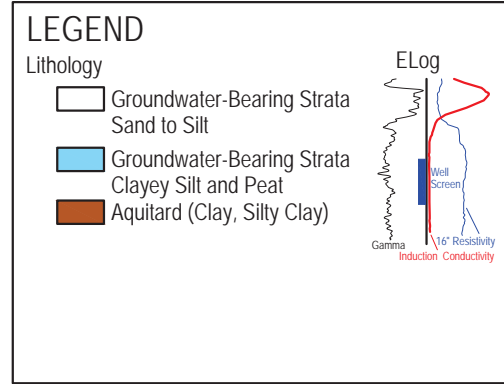


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GROUNDWATER CHLORIDES ON NORTH-SOUTH CROSS SECTION DIAGRAM
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

FILENAME	REV #
WhiteLake_XSec.dwg	
JOB NO. 9130-004-0200	DATE DEC 2015
DIRECTORY Carmouche/VermParish/ELM	FIGURE NO. 4-22



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GROUNDWATER CHLORIDES ON THE EAST-WEST CROSS SECTION DIAGRAM
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

FILENAME	REV #
WhatLake XSecs.dwg	
JOB NO. 9130-004-0200	DATE DEC 2015
DIRECTORY Carmouche/VermParish/ELM	FIGURE NO. 4-23

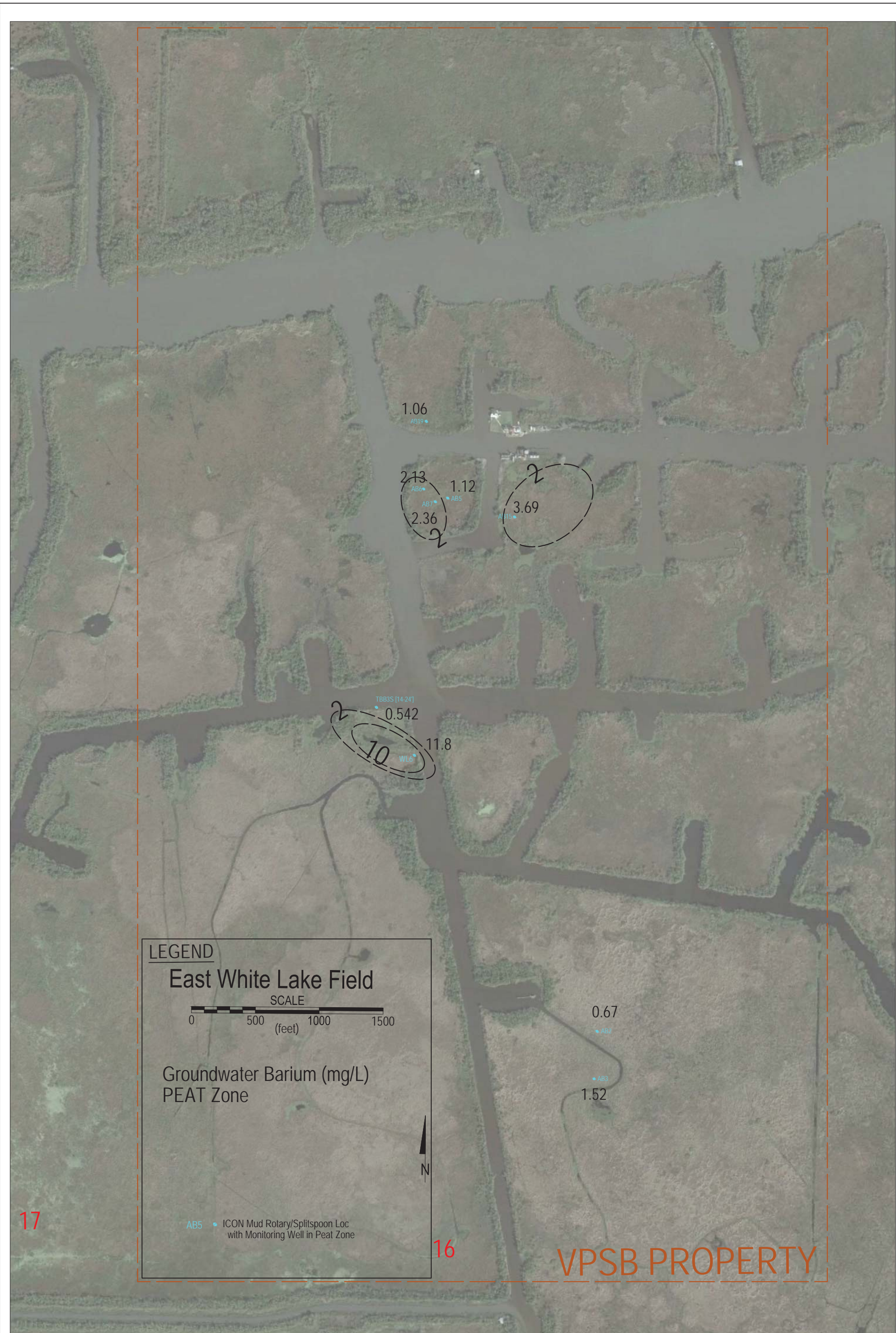


Figure 4-24
 GROUNDWATER BARIUM IN THE PEAT ZONE
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
		Figure	4-24
File Name:	whitelake2009.dwg	File Directory:	
Project Number:	9077-041-0100	Drawn By:	GWM

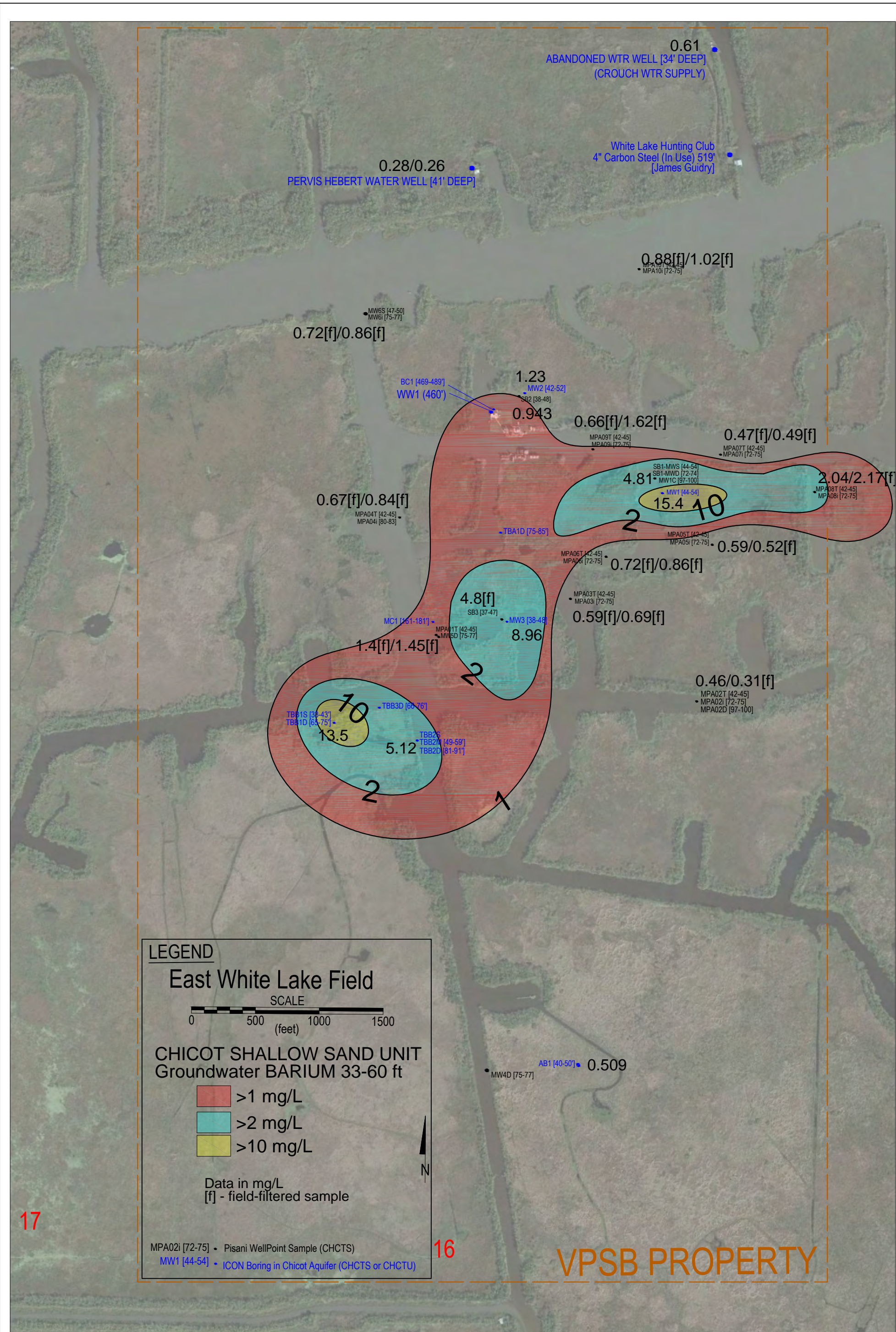


Figure 4-25
GROUNDWATER BARIUM IN THE CHICOT SHALLOW SAND UNIT AT 33 TO 60 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

		File Name: whitelake2009.dwg	Date: Dec 2015
		Project Number: 9077-041-0100	Figure 4-25
File Directory		Drawn By: GWM	

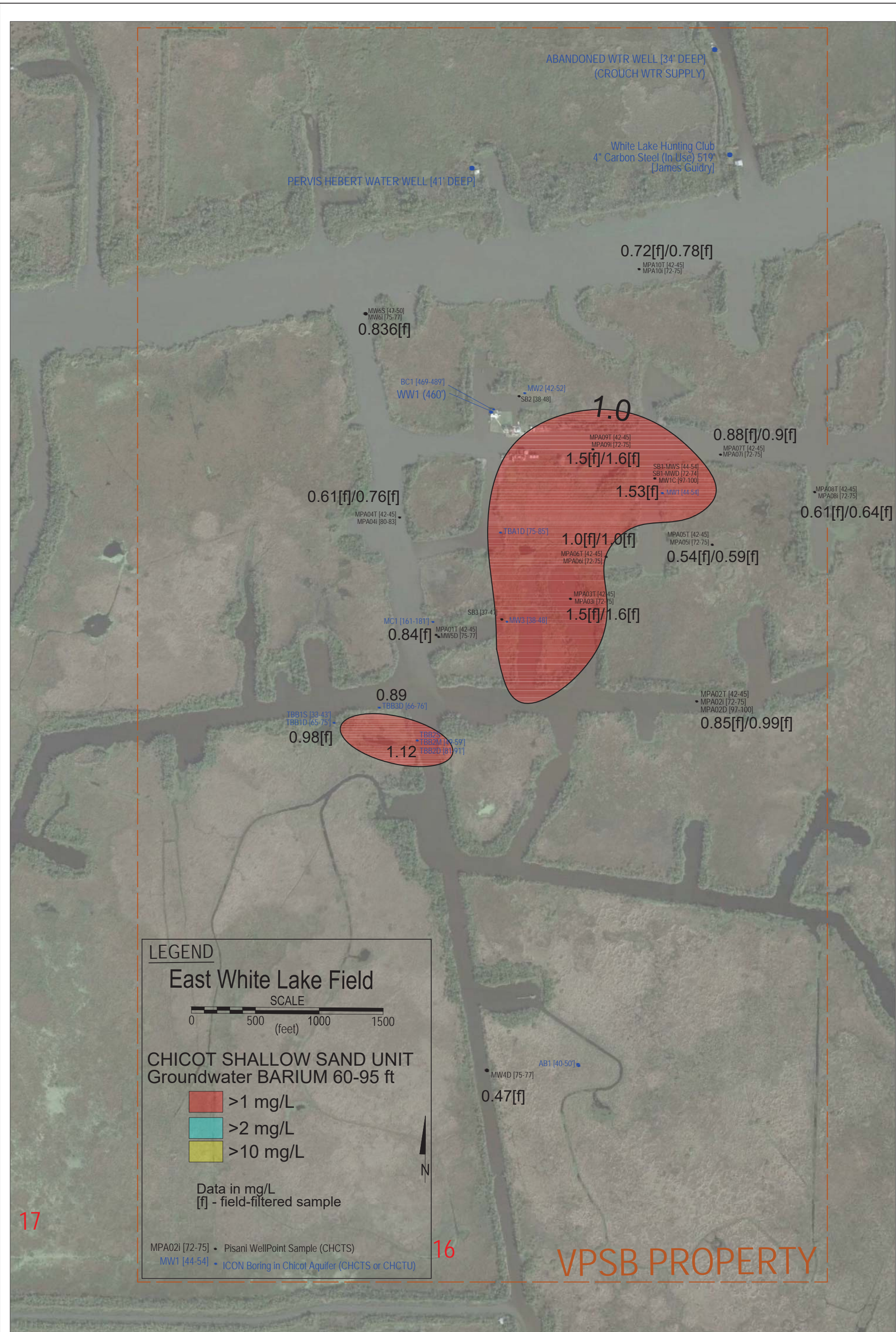


Figure 4-26
GROUNDWATER BARIUM IN THE CHICOT SHALLOW SAND UNIT AT 60 TO 95 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
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File Name:	whitelake2009.dwg	File Directory:	GWM
Project Number:	9077-041-0100	Drawn By:	GWM

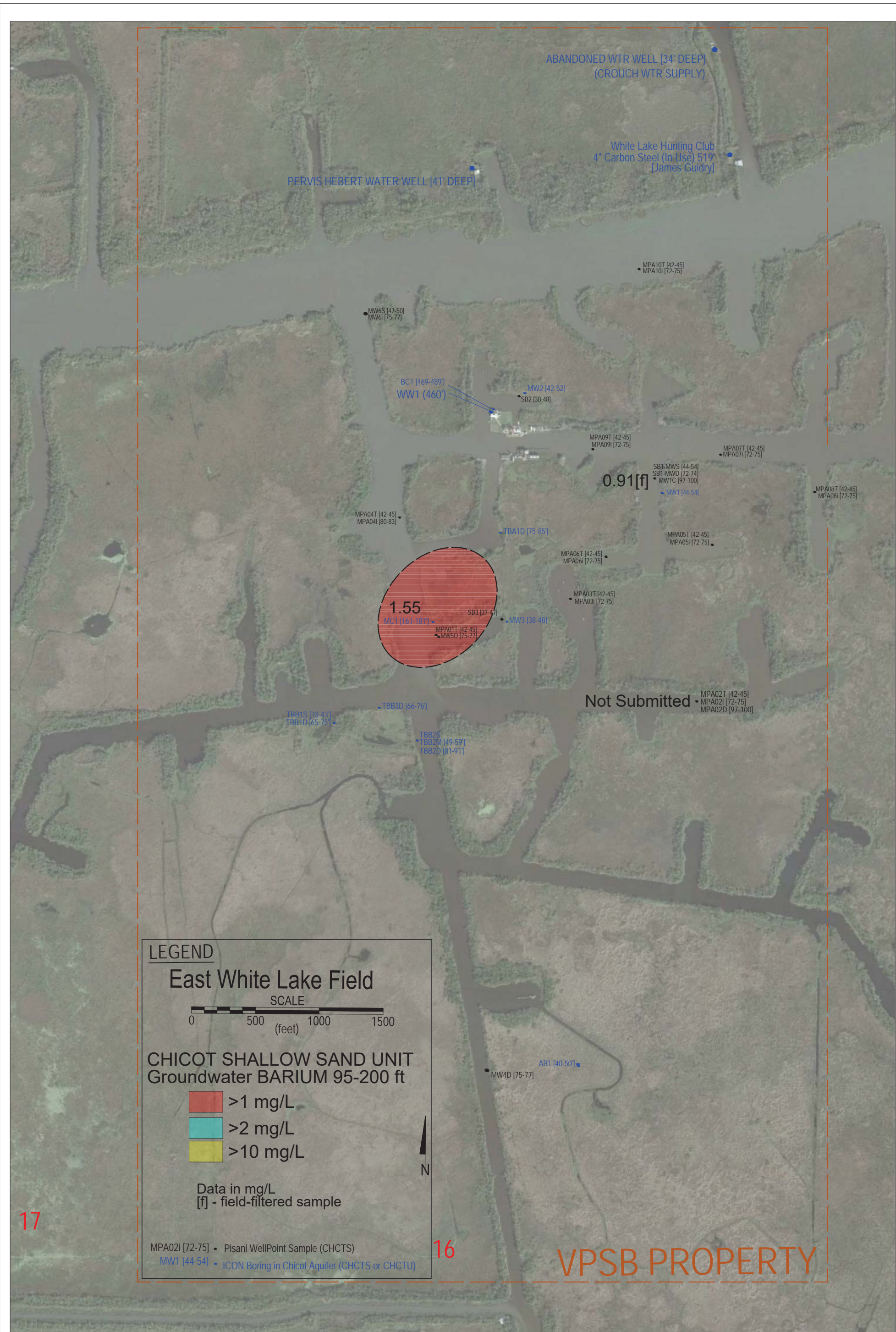


Figure 4-27
GROUNDWATER BARIUM IN THE CHICOT SHALLOW SAND UNIT AT 95 TO 200 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

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		Figure	4-27
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Project Number:	9077-041-0100		

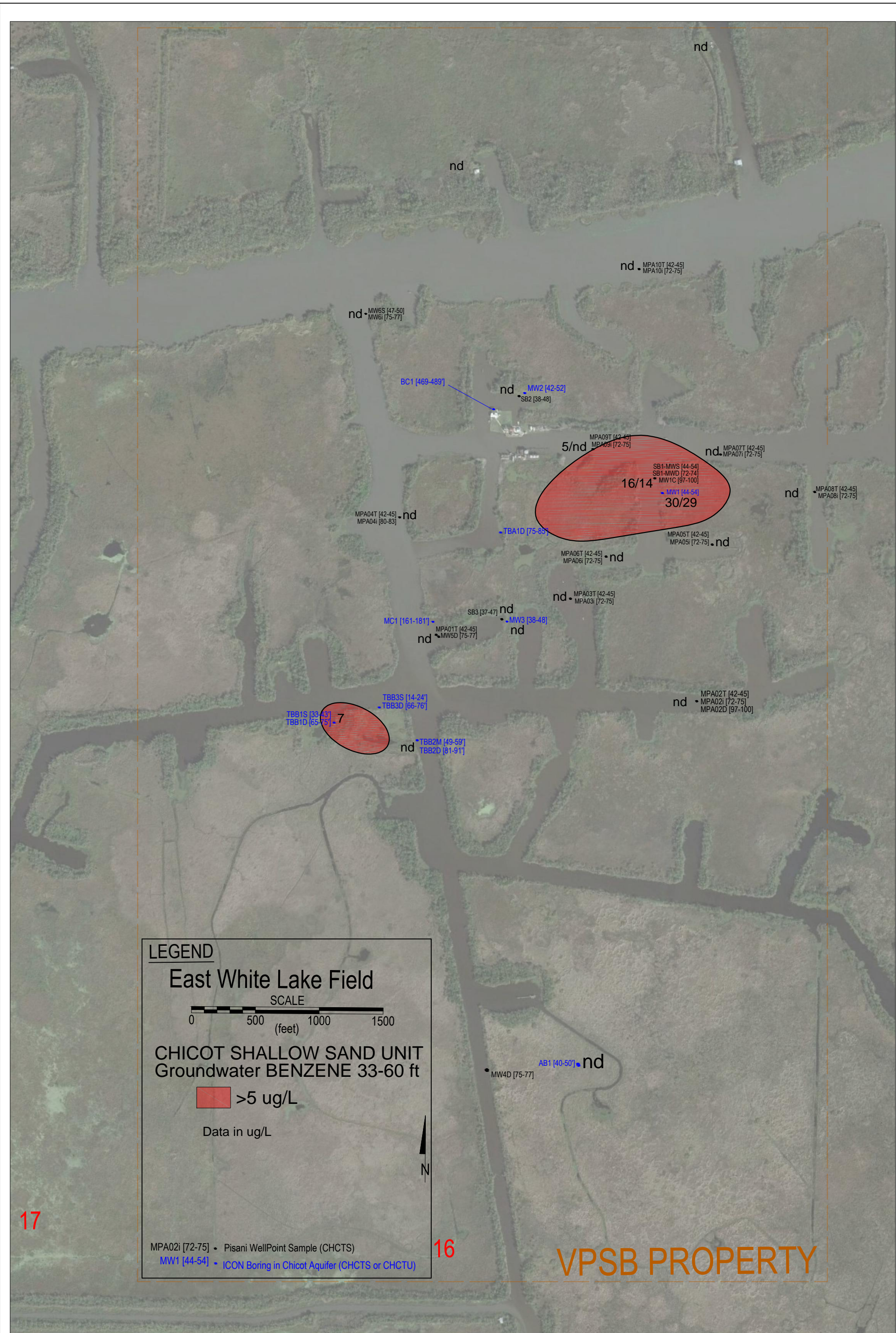



Figure 4-28
GROUNDWATER BENZENE IN THE CHICOT SHALLOW SAND UNIT AT 33 TO 60 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

 2049 Commercial Dr., Port Allen, LA 70767		Date:	Dec 2015
		Figure	4-28
File Name:	whitelake2009.dwg	File Directory:	
Project Number:	9077-041-0100	Drawn By:	GWM

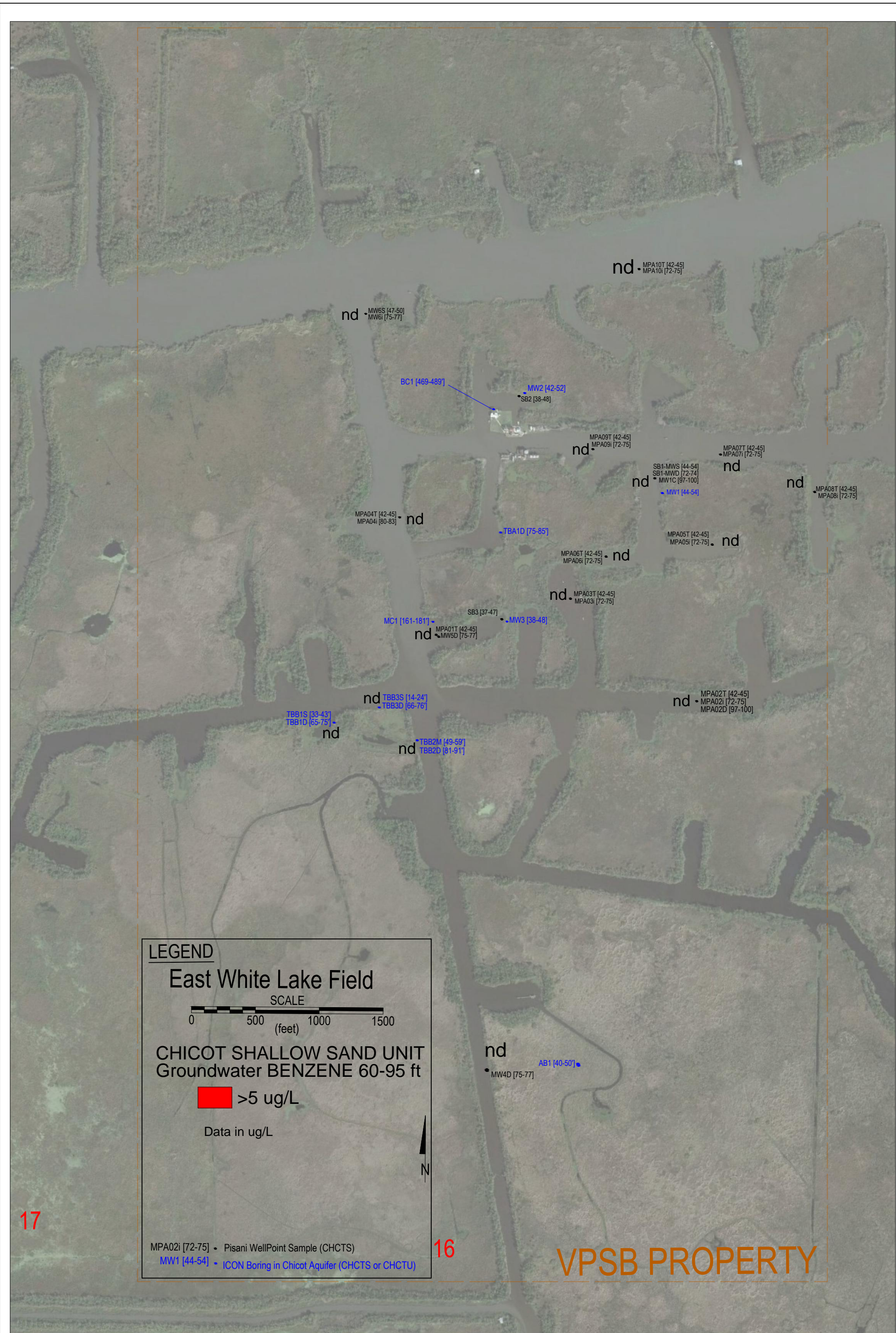


Figure 4-29

GROUNDWATER BENZENE IN THE CHICOT SHALLOW SAND UNIT AT 60 TO 95 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

ICON <small>ENVIRONMENTAL SERVICES, INC.</small> 2049 Commercial Dr., Port Allen, LA 70767		Date: Dec 2015
File Name: whitelake2009.dwg	Project Number: 9077-041-0100	Figure
File Directory	Drawn By: GWM	4-29

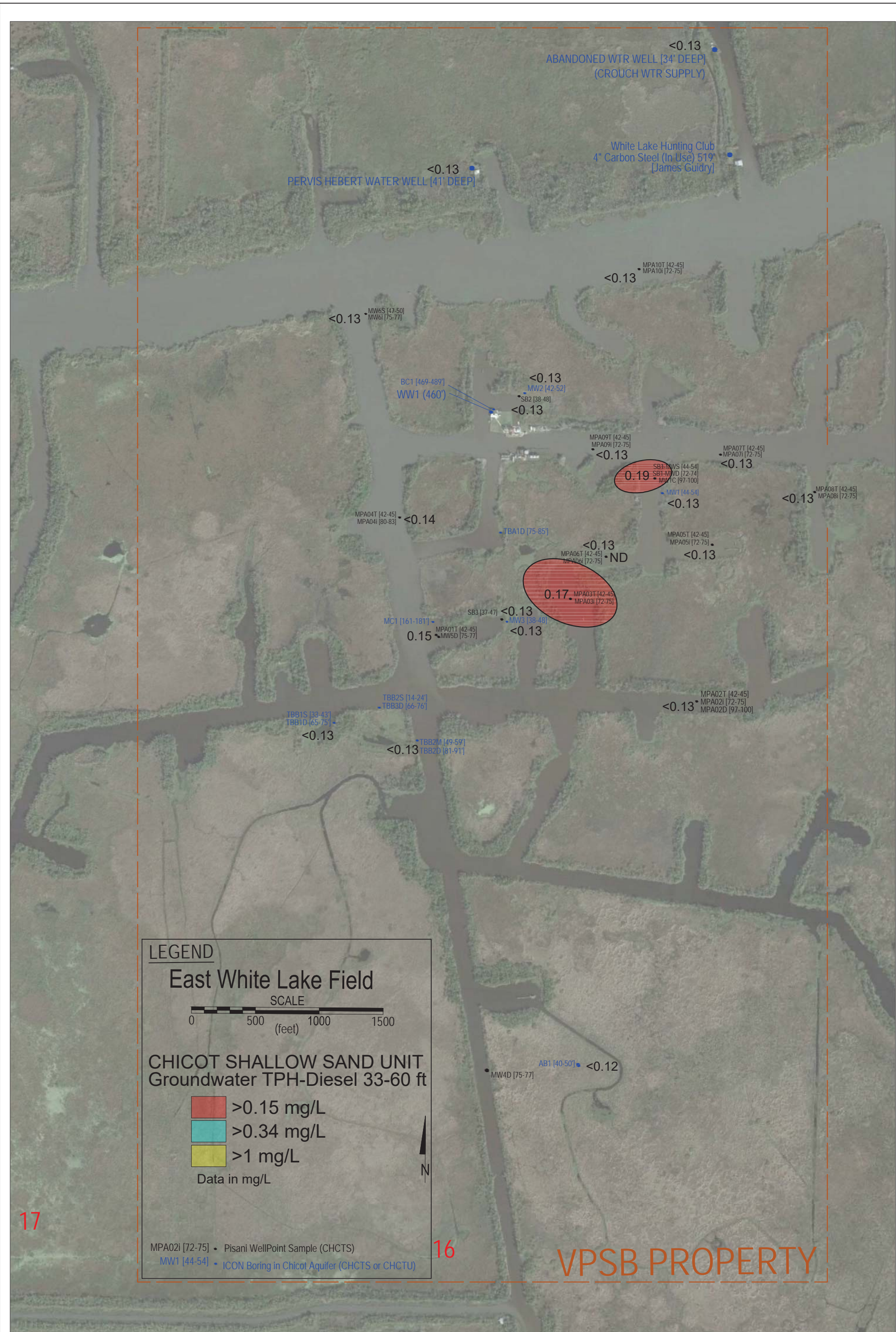


Figure 4-30
GROUNDWATER TPH-DIESEL IN THE CHICOT SHALLOW SAND UNIT AT 33 TO 60 FEET BLS
State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
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File Name:	whitelake2009.dwg	Project Number:	9077-041-0100
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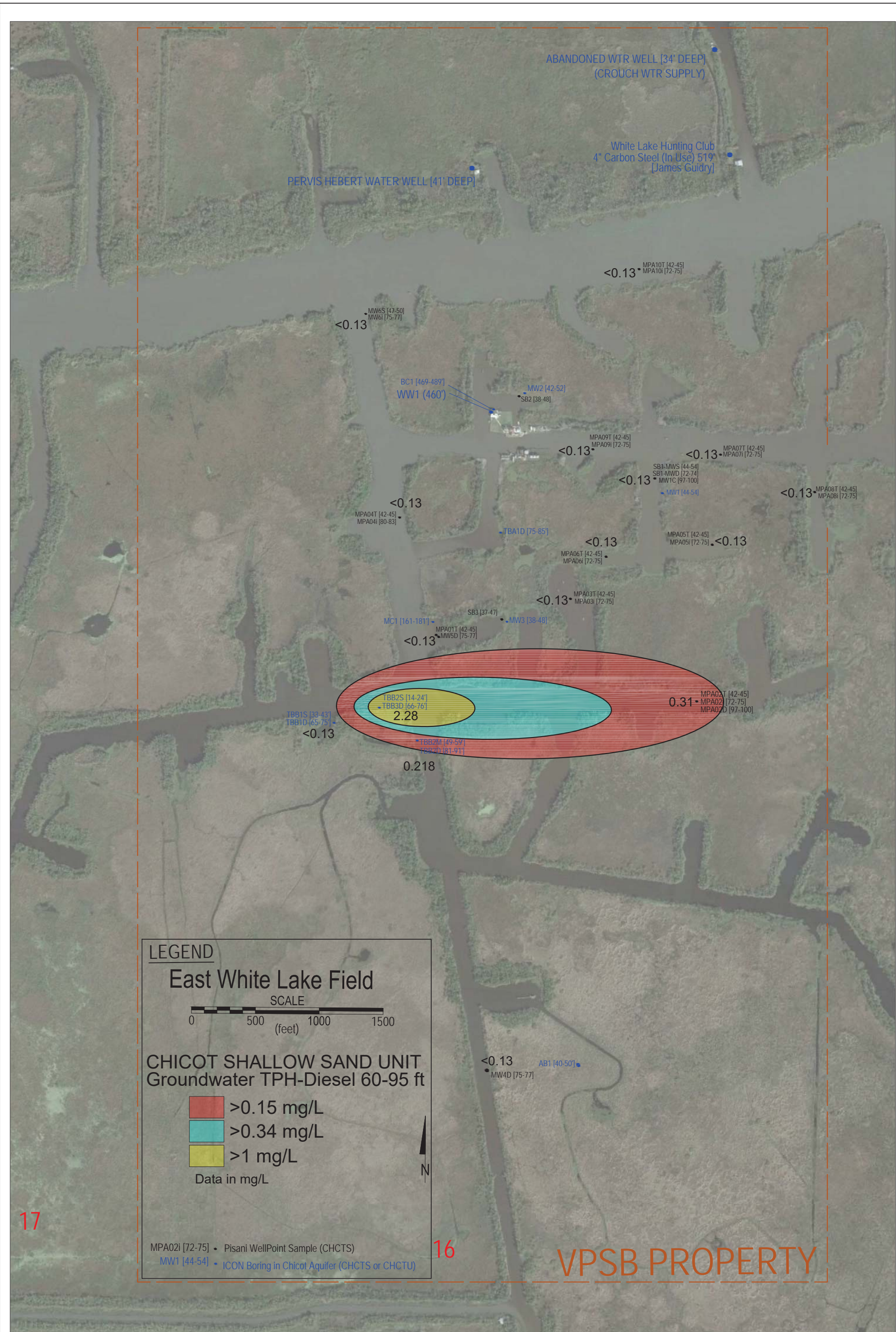


Figure 4-31
 GROUNDWATER TPH-DIESEL IN THE CHICOT SHALLOW SAND UNIT AT 60 TO 95 FEET BLS
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

		File Name: whitelake2009.dwg	Date: Dec 2015
		Project Number: 9077-041-0100	Figure: 4-31
File Directory		Drawn By: GWM	

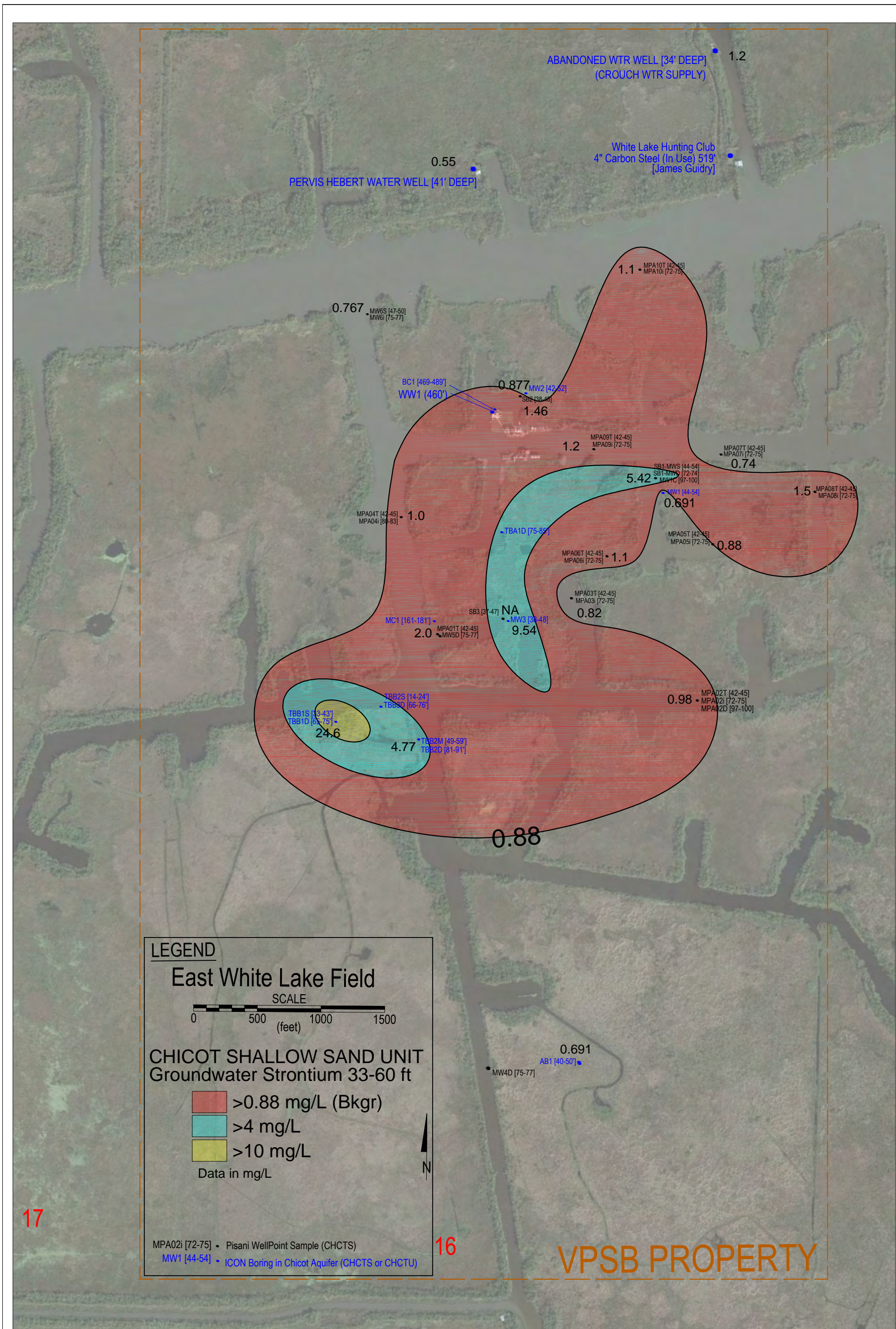


Figure 4-32

GROUNDWATER STRONTIUM IN THE CHICOT SHALLOW SAND UNIT AT 33 TO 60 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

		Date:	Dec 2015
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Project Number:	9077-041-0100		
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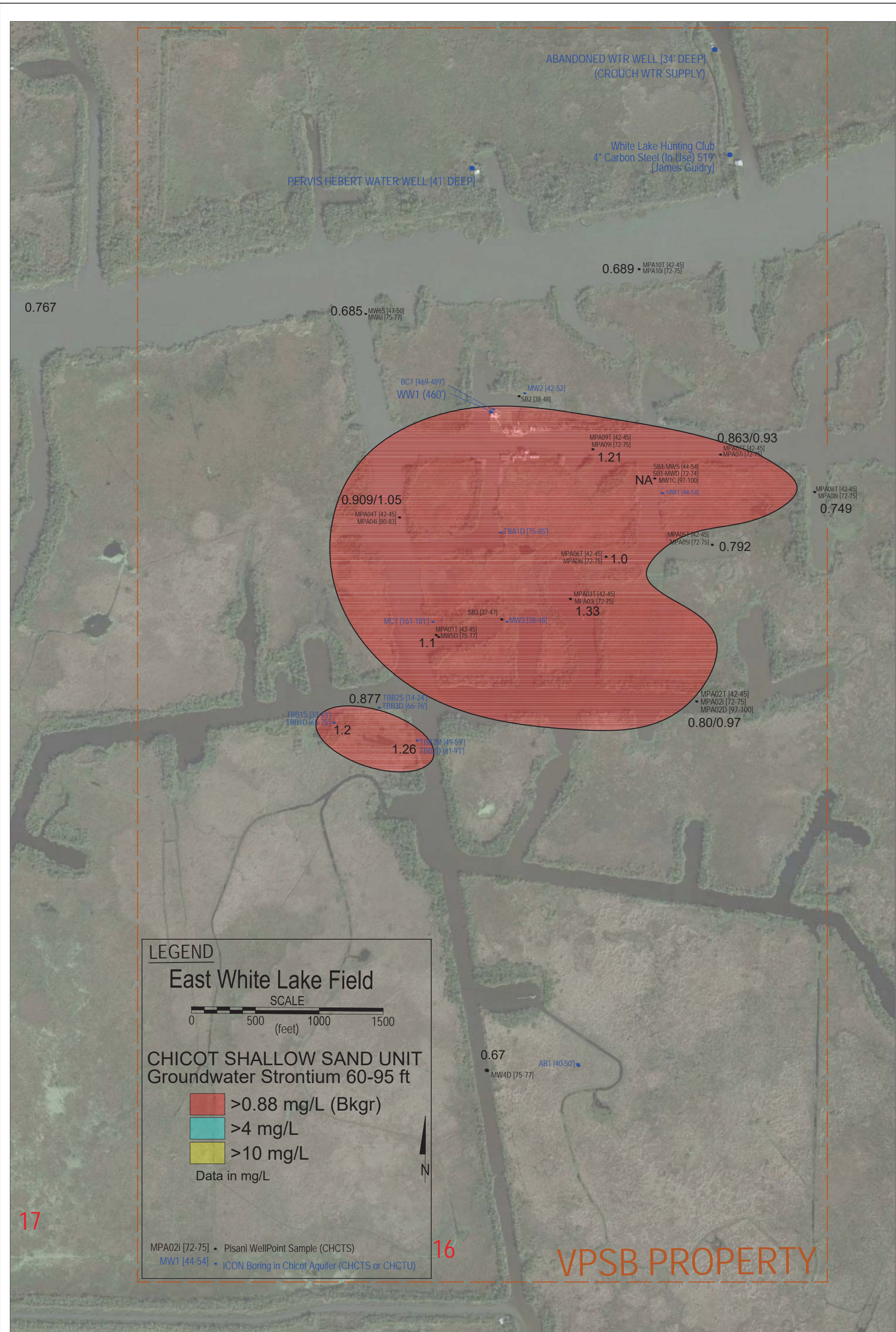


Figure 4-33
 GROUNDWATER STRONTIUM IN THE CHICOT SHALLOW SAND UNIT AT 60 TO 95 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA

 2049 Commercial Dr., Port Allen, LA 70767		Date:	Dec 2015
		Figure	4-33
File Name:	whitelake2009.dwg	File Directory:	
Project Number:	9077-041-0100	Drawn By:	GWM

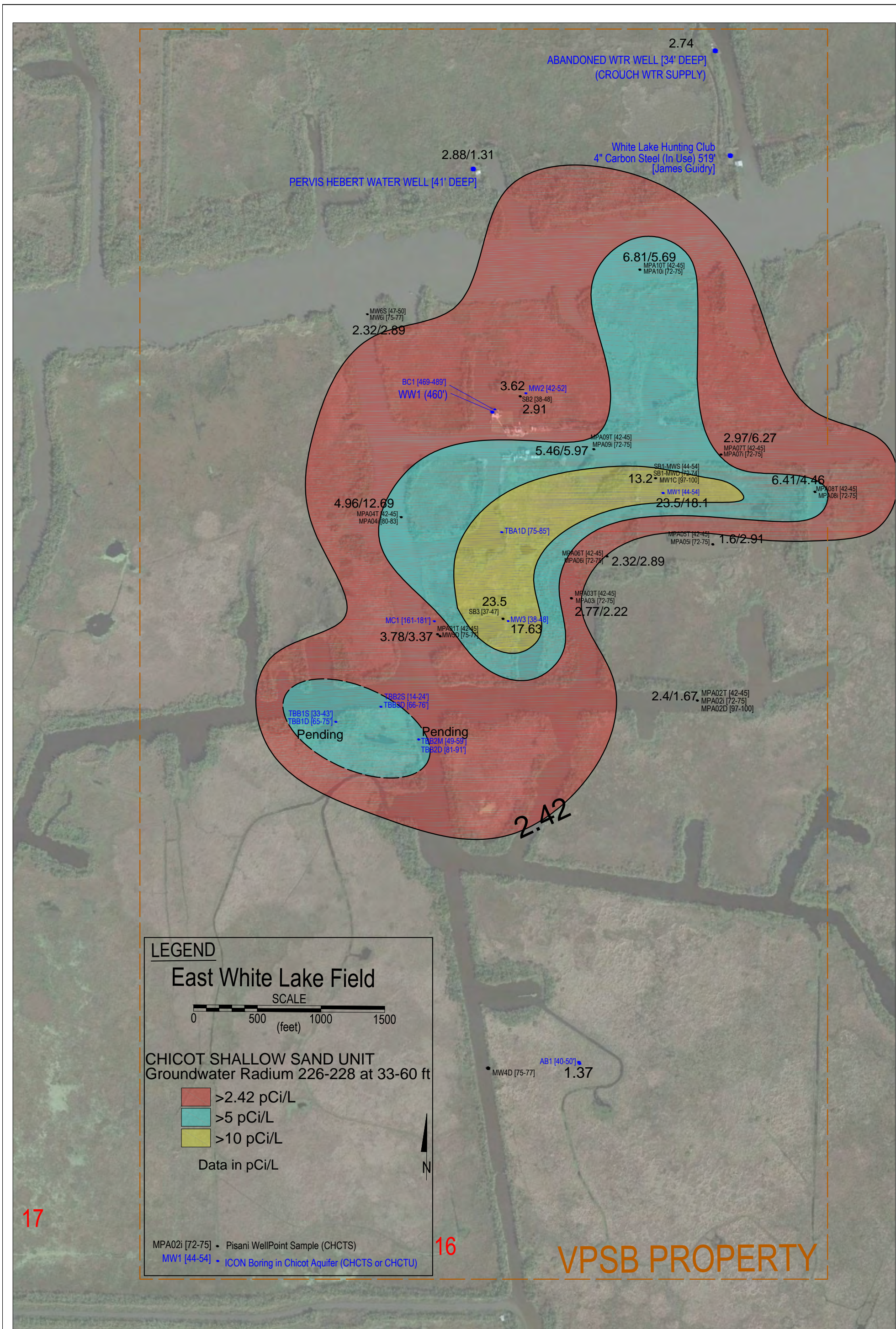


Figure 4-34

GROUNDWATER RADIUM 226-228 IN THE CHICOT SHALLOW SAND UNIT AT 33 TO 60 FEET BLS

State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC

East White Lake Field, Vermilion Parish, LA

		File Name: whitelake2009.dwg	Date: Dec 2015
		Project Number: 9077-041-0100	Figure: 4-34
File Directory		Drawn By: GWM	

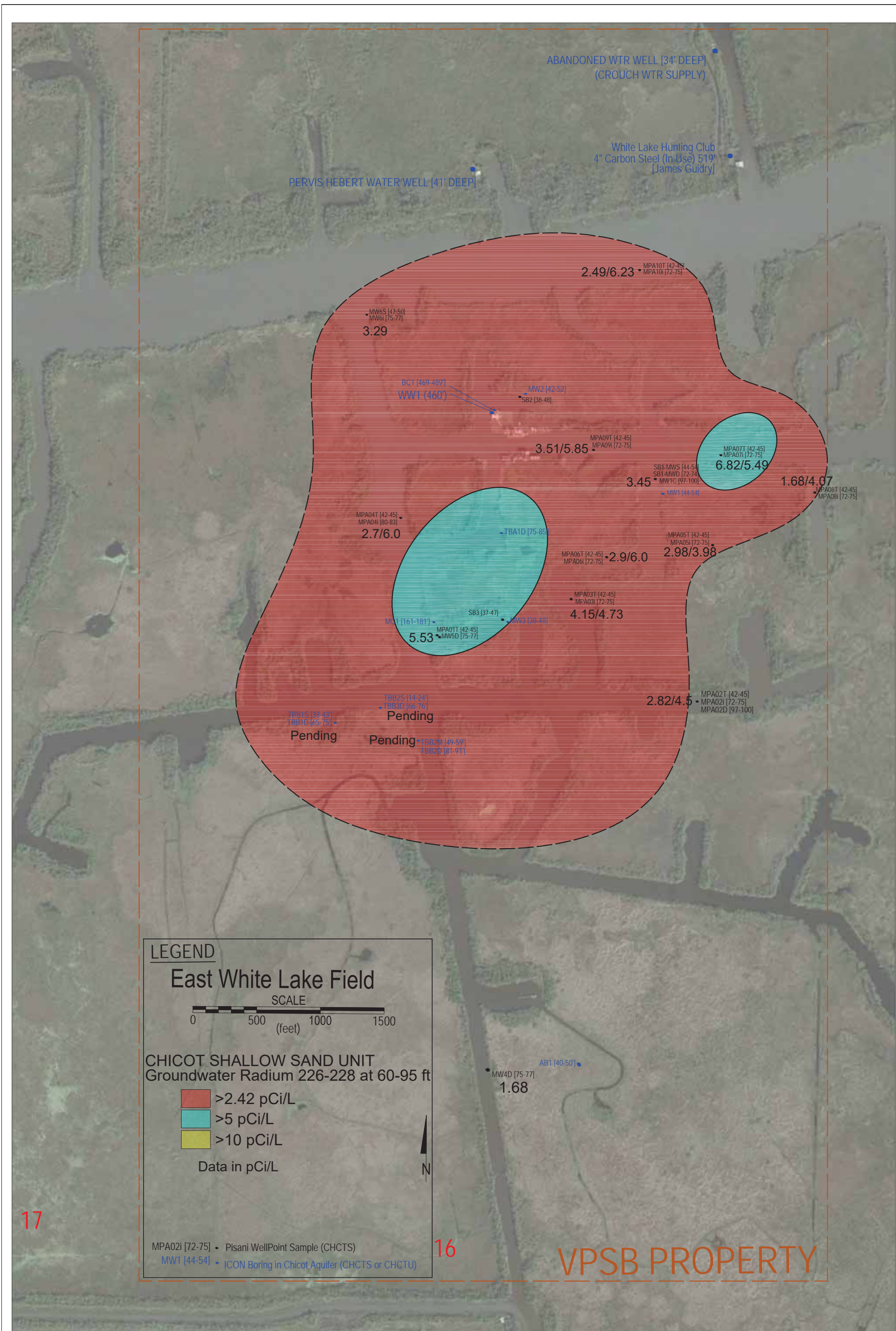


Figure 4-35
 GROUNDWATER RADIUM 226-228 IN THE CHICOT SHALLOW SAND UNIT AT 60 TO 95 FEET BLS
 State of Louisiana and Vermilion Parish School Board v Louisiana Land and Exploration et al; Docket No. 82162, Div "D"; 15th JDC
 East White Lake Field, Vermilion Parish, LA