Table G-1

Post-Dredge PCB Results Compared to Increasing Pre-Dredge Percent Solids for All Post-Dredge Samples in Sub-Area A

Post-dredge Sampling Station	Pre-Dredge Surface Percent Solids	Post-Dredge PCB Results (ppm)	Post-Dredge Percent Solids	PCB Results vs 1 ppm RAL	
114P	12.1	0.10	63.8		<
114comp	12.4	4.10	54.2	>	
115comp	16.2	0.42	64.0		<
115P	17.2	1.30	60.1	>	
34P	17.3	0.43	68.8		<
106comp	18.5	33.00	50.0	>	
113comp	18.7	3.30	51.3	>	
106P	19.7	6.50	26.0	>	
116comp	19.9	19.00	57.8	>	
116P	19.9	24.00	32.4	>	
107P	19.9	1.40	69.9	>	
117P	20.0	12.00	32.8	>	
41P	20.1	1.70	21.8	>	
15comp	23.0	1.60	54.2	>	
59P	23.0	0.69	25.4		<
61P	23.0	0.16	58.3		<
42P	23.0	9.40	23.6	>	
68comp	23.1	1.90	33.9	>	
67P	23.1	10.00	25.0	>	
112P	23.1	0.96	29.4		<
84P	23.1	0.03	70.1		<
113P	23.1	0.08	59.1		<
60P	23.1	0.06	60.4		<
107comp	23.1	3.90	64.0	>	
68P	23.2	1.70	30.4	>	
70P	23.2	1.50	47.0	>	
70comp	23.3	0.54	48.7		<
60comp	23.4	0.28	44.3		<
82P	23.4	1.40	28.0	>	
69comp	23.4	1.10	42.3	>	
94P	23.4	0.05	62.0		<
10comp	23.4	2.50	70.4	>	
69P	23.5	2.70	35.0	>	
83comp	23.5	2.20	45.3	>	
59comp	23.6	2.10	29.5	>	
94comp	23.7	7.60	27.0	>	
93P	23.7	4.10	23.0	>	
80P	23.7	4.80	21.5	>	
66comp	23.8	0.89	36.0		<
66P	23.8	6.80	27.7	>	
112comp	24.0	0.86	49.4		<
67comp	24.1	11.00	31.0	>	
84comp	24.1	1.50	58.3	>	
96comp	24.1	2.70	62.0	>	
83P	24.1	3.20	60.1	>	
93comp	24.2	7.00	30.7	>	
20comp	24.2	6.70	25.9	>	
52comp	24.2	0.95	36.6		<
43comp	24.2	0.53	60.1		<
82comp	24.3	3.10	37.1	>	
53comp	24.4	0.77	52.8		<
71P	24.6	0.53	57.6		<
95comp	24.8	22.00	30.1	>	

Table G-1

Post-Dredge PCB Results Compared to Increasing Pre-Dredge Percent Solids for All Post-Dredge Samples in Sub-Area A

		Post-Dredge			
Post-dredge Sampling Station	Pre-Dredge Surface Percent Solids	PCB Results (ppm)	Percent Solids	PCB Results vs 1 ppm RAL	
81comp	24.8	2.20	29.0	>	
111P	24.9	0.30	25.0		<
105P	25.0	15.00	19.0	>	
105comp	25.0	13.00	40.8	>	
51P	25.0	2.60	21.4	>	
53P	25.0	0.88	48.7		<
95P	25.1	33.00	33.4	>	
96P	25.1	0.82	58.4		<
43P	25.2	0.41	70.2		<
52P	25.2	7.90	24.0	>	
104comp	25.2	6.90	36.0	>	
19P	25.3	2.60	45.1	>	
92comp	25.4	3.50	39.9	>	
3comp	25.6	0.25	47.0		<
81P	25.6	13.00	20.0	>	
4comp	25.7	0.29	71.8		<
80comp	25.7	6.50	26.0	>	
62P	25.8	0.71	58.0		<
92P	25.8	5.40	20.4	>	
91P	25.9	2.70	46.0	>	
78P	25.9	0.46	64.8		<
51comp	26.1	2.70	29.0	>	
42comp	26.1	1.20	31.7	>	
79P	26.2	9.00	22.5	>	
101comp	26.3	1.20	69.7	>	
78comp	26.3	1.10	44.2	>	
20P	26.6	5.40	37.5	>	
63P	26.8	0.79	64.0		<
61comp	26.8	0.39	55.3		<
79comp	27.0	1.00	48.4	>	
102comp	27.0	2.40	50.1	>	
57P	27.2	6.60	38.3	>	
103comp	27.7	4.30	23.9	>	
57comp	27.9	4.90	43.3	>	
58comp	28.0	6.40	42.7	>	
97comp	28.0	0.18	67.0		<
58P	28.1	1.00	51.1	>	
104P	28.3	4.80	21.0	>	
62comp	28.3	0.47	67.1		<
71comp	28.4	0.58	57.2		<
102P	28.9	5.60	23.9	>	
33P	29.0	5.50	26.5	>	
97P	29.2	13.00	58.9	>	
33comp	30.0	0.55	68.2		<
41comp	31.0	1.80	24.8	>	
98P	31.6	1.10	78.6	>	
19comp	31.7	0.71	76.5		<
85P	32.5	5.10	49.8	>	
25comp	35.1	5.00	42.2	>	
4P	35.2	0.39	79.1		<
11P	36.0	0.37	70.2		<
72comp	36.1	0.80	66.7		<
26comp	37.2	0.57	67.7		<

Table G-1

Post-Dredge PCB Results Compared to Increasing Pre-Dredge Percent Solids for All Post-Dredge Samples in Sub-Area A

		Post-Dredge			
Post-dredge Sampling Station	Pre-Dredge Surface Percent Solids	PCB Results (ppm)	Percent Solids	PCB Results vs 1 ppm RAL	
35comp	37.3	6.10	66.8	>	
73P	39.6	22.00	61.0	>	
111comp	39.7	2.10	36.1	>	
85comp	39.7	1.70	67.0	>	
26P	41.3	0.09	55.6		<
72P	41.8	1.90	65.6	>	
34comp	42.0	1.40	53.9	>	
63comp	42.4	1.40	67.0	>	
35P	42.5	1.90	66.3	>	
25P	43.0	0.71	35.7		<
73comp	43.8	0.35	70.8		<
49comp	44.0	8.70	42.3	>	
86P	44.8	0.05	64.7		<
21P	45.0	0.73	59.8		<
16comp	46.3	0.66	58.8		<
49P	47.0	14.00	22.4	>	
117comp	47.9	17.00	58.9	>	
99P	48.7	1.30	73.4	>	
27comp	49.3	0.41	73.6		<
50comp	50.2	5.30	35.6	>	
24comp	50.9	14.00	13.0	>	
3P	51.6	0.13	63.6		<
86comp	51.6	0.16	83.0		<
27P	51.9	0.34	69.0		<
54comp	52.0	0.77	64.3		<
64P	53.5	0.23	73.1		<
64comp	54.6	0.38	65.3		<
99comp	54.6	5.80	72.5	>	
21comp	56.2	0.75	65.2		<
74comp	56.4	0.21	74.7		<
13P	56.7	0.75	71.1		<
74P	57.8	0.35	78.7		<
44comp	58.3	0.35	69.0		<
32comp	58.6	3.40	56.6	>	
98comp	59.6	2.80	79.0	>	
108comp	60.7	2.90	69.0	>	
16P	61.0	4.70	41.2	>	
17P	61.1	0.05	68.0		<
65P	63.0	0.14	68.4		<
55P	63.4	0.31	59.3		<
28P	64.0	0.75	71.0		<
17comp	64.3	1.20	65.6	>	
50P	64.9	6.70	56.5	>	
45P	65.6	0.22	63.0		<
40comp	66.0	28.00	27.4	>	
45comp	66.5	1.00	70.0	>	
55comp	66.6	0.29	65.7		<
9comp	66.7	0.70	74.6		<
40P	67.0	6.20	24.2	>	
44P	67.3	0.44	72.0		<
22comp	68.0	0.43	72.6		<
56P	68.0	0.18	65.7		<
54P	68.0	3.00	58.4	>	

Table G-1

Post-Dredge PCB Results Compared to Increasing Pre-Dredge Percent Solids for All Post-Dredge Samples in Sub-Area A

Post-dredge Sampling Station	Pre-Dredge Surface Percent Solids	Post-Dredge PCB Results (ppm)	Post-Dredge Percent Solids	PCB Results vs 1 ppm RAL	
23comp	68.9	0.25	76.3		<
22P	68.9	0.98	58.5		<
23P	68.9	0.07	72.7		<
56comp	71.8	0.19	73.0		<
108P	72.2	7.60	29.0	>	
65comp	74.5	0.26	79.3		<
31comp	77.6	0.62	31.0		<
31P	77.7	3.20	43.0	>	
32P	77.9	2.20	37.2	>	
110P	80.1	4.00	79.3	>	
119comp	80.4	2.80	62.5	>	
110comp	81.7	7.70	73.0	>	
100comp	83.0	0.11	72.7		<
88comp	85.1	0.08	65.6		<
89P	86.0	0.05	87.0		<
88P	86.2	0.13	65.0		<
75P	86.3	0.11	70.5		<
87comp	86.8	1.10	76.2	>	
87P	87.5	0.43	73.3		<

Note:
* The transition between post-dredge PCB results being greater than the 1 ppm RAL and post-dredge PCB results being less than the 1 ppm RAL occurs at approximately 43 percent solids (pre-dredge surface).

Prepared by: TMK1
Checked by: TRV

Table G-2

Post-Dredge PCB Results Compared to Increasing Pre-Dredge Percent Solids for All Post-Dredge Samples in Sub-Area C

		Post-Dredge				
Post-dredge Sampling Station	Pre-Dredge Surface Percent Solids	PCB Results (ppm)	Percent Solids	PCB Results vs 1 ppm RAL		
3P	22.0	2.70	22.7	>		
3comp	22.1	2.30	24.2	>		
4comp	22.4	0.61	50.9			<
12P	23.1	2.50	27.7	>		
12comp	23.1	0.25	48.2			<
13P	23.3	0.38	51.1			<
13comp	23.3	0.61	45.2			<
6comp	23.7	3.00	42.2	>		
6P	24.1	1.70	32.7	>		
9comp	24.6	0.58	39.4			<
2P	24.7	0.71	54.5			<
2comp	24.9	0.75	46.5			<
17P	24.9	0.20	33.7			<
11comp	25.1	0.94	33.8			<
11P	25.2	1.30	30.6	>		
5comp	25.6	0.39	48.4			<
17comp	25.9	1.90	25.5	>		
9P	25.9	1.60	28.8	>		
10comp	26.9	0.74	24.4			<
5P	27.0	0.44	55.9			<
1comp	27.0	0.35	53.3			<
10P	27.0	1.00	22.8		=	
22P	27.0	0.66	49.2			<
1P	27.1	0.73	43.6			<
22comp	27.4	2.80	41.2	>		
7P	28.4	0.33	51.2			<
7comp	28.4	0.69	35.8			<
27P	28.8	0.09	55.7			<
18comp	28.8	1.40	31.0	>		
8comp	29.0	1.20	28.8	>		
8P	29.2	0.61	43.1			<
27comp	30.2	0.48	48.3			<
21comp	31.4	2.20	30.7	>		
16comp	31.5	0.48	28.3			<
26P	31.9	2.90	25.8	>		
26comp	31.9	0.80	34.0			<
16P	32.8	0.15	25.4			<
18P	33.2	0.69	26.7			<
21P	33.7	2.70	18.4	>		
25P	36.1	1.70	40.8	>		
14comp	37.6	1.00	22.5		=	
14P	39.2	0.06	50.7			<
25comp	39.2	1.10	66.4	>		
20comp	41.0	1.20	37.4	>		
20P	41.8	2.50	29.2	>		
19P	42.8	3.00	20.2	>		
19comp	43.0	1.30	29.8	>		
15comp	43.5	0.28	37.6			<
15P	43.8	0.87	25.7			<

Note:
* No correlation seen in the data between pre-dredge surface percent solids and post-dredge PCB results.

Prepared by: TMK1
Checked by: TRV

I:\04g007\2005 RA figure\0206 70p core sample.dgn
12/28/2006 jrb2

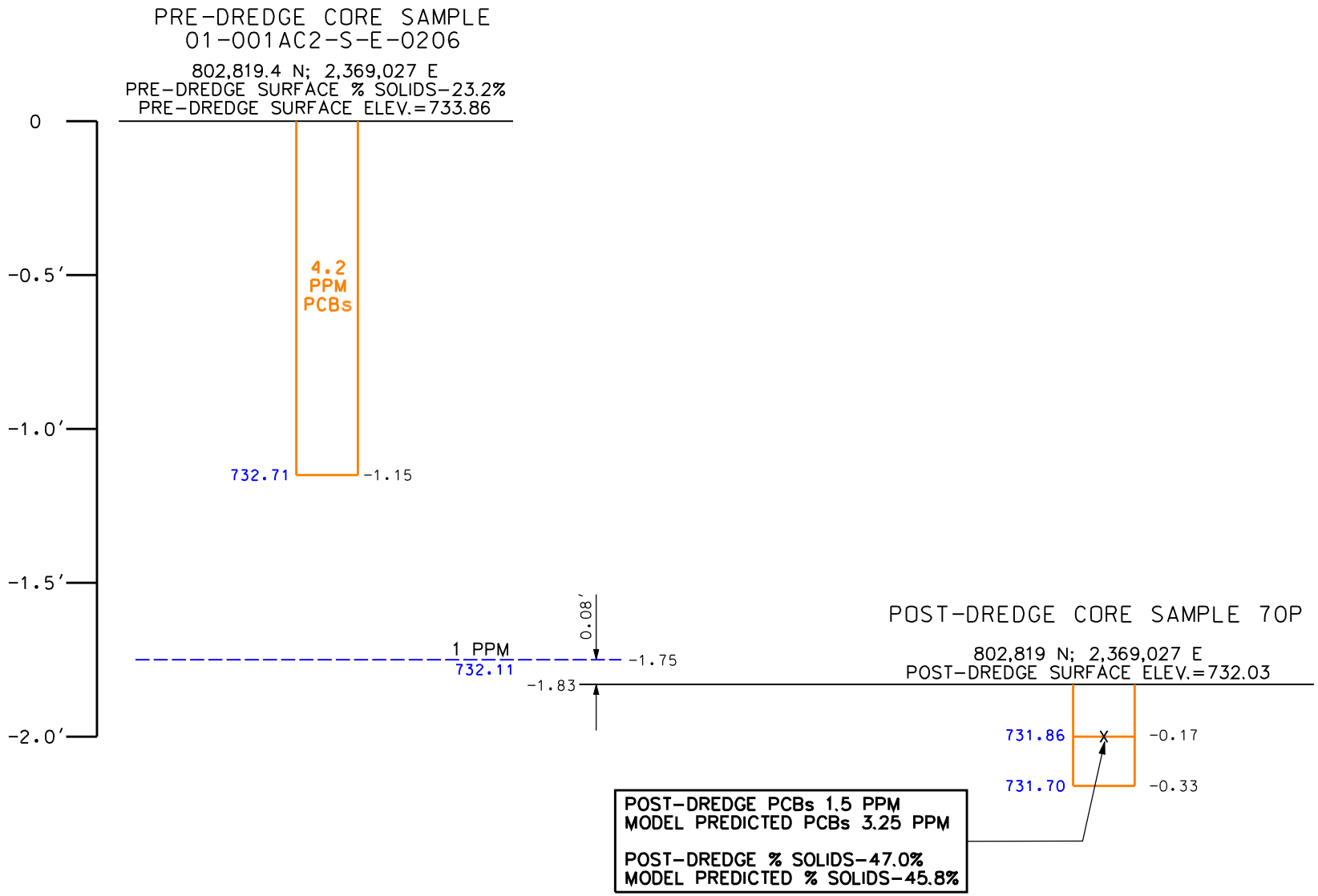

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FIGURE 1

LOWER FOX RIVER OU1 - SUB-AREA A & D2S
PRIMARY SAMPLE 70P AND CORE
SAMPLE 01-001AC2-S-E-0206 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
Drawn By: JOW	Checked By: TMK1	Scope: 04G007

I:\04g007\2005 RA figure\A-20 51p core sample.dgn
12/28/2006 jrb2

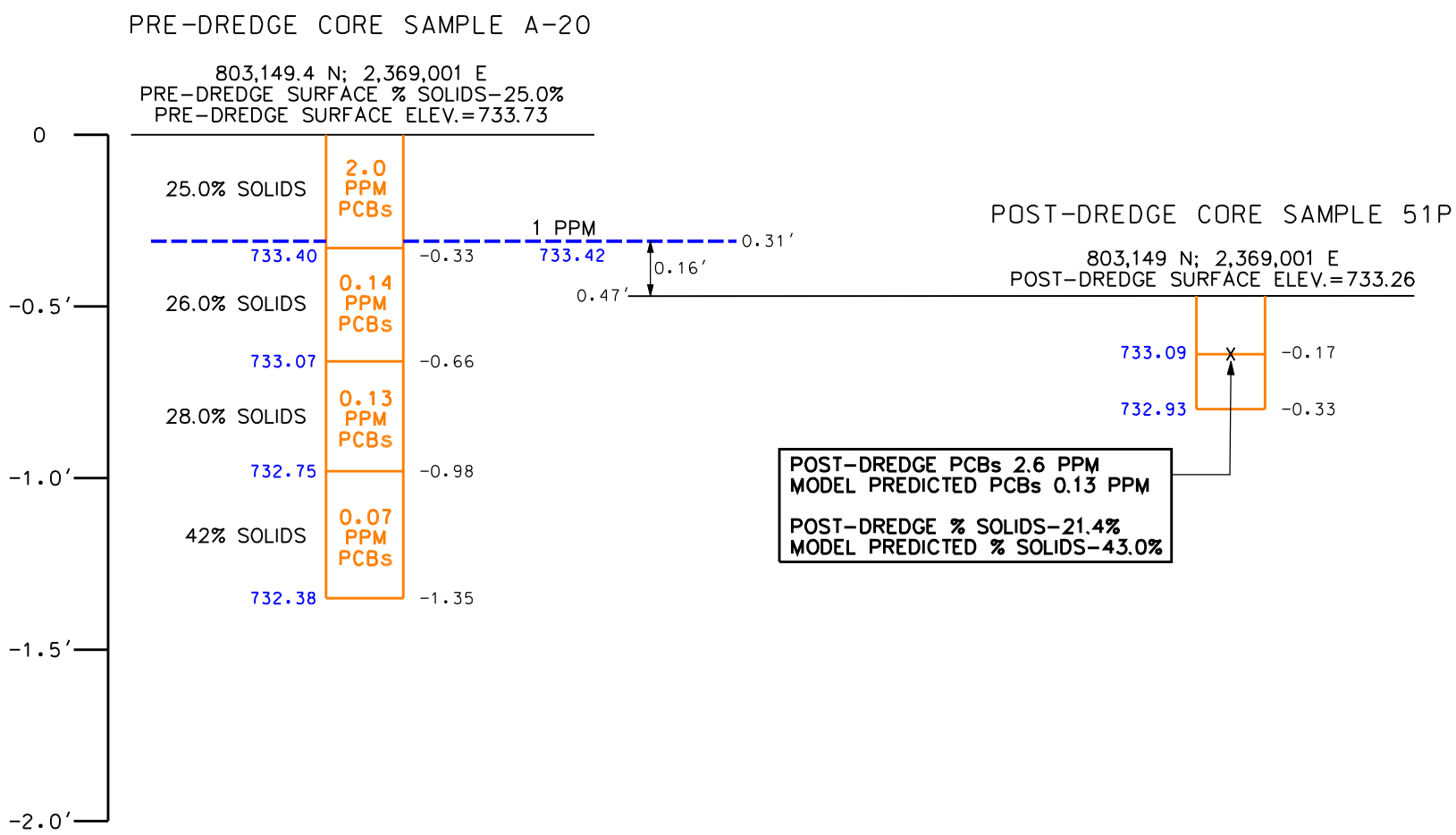

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FIGURE 2

LOWER FOX RIVER OU1 - SUB-AREA A
PRIMARY SAMPLE 51P AND CORE
SAMPLE A-20 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
Drawn By: JOW	Checked By: TMK1	Scope: 04G007

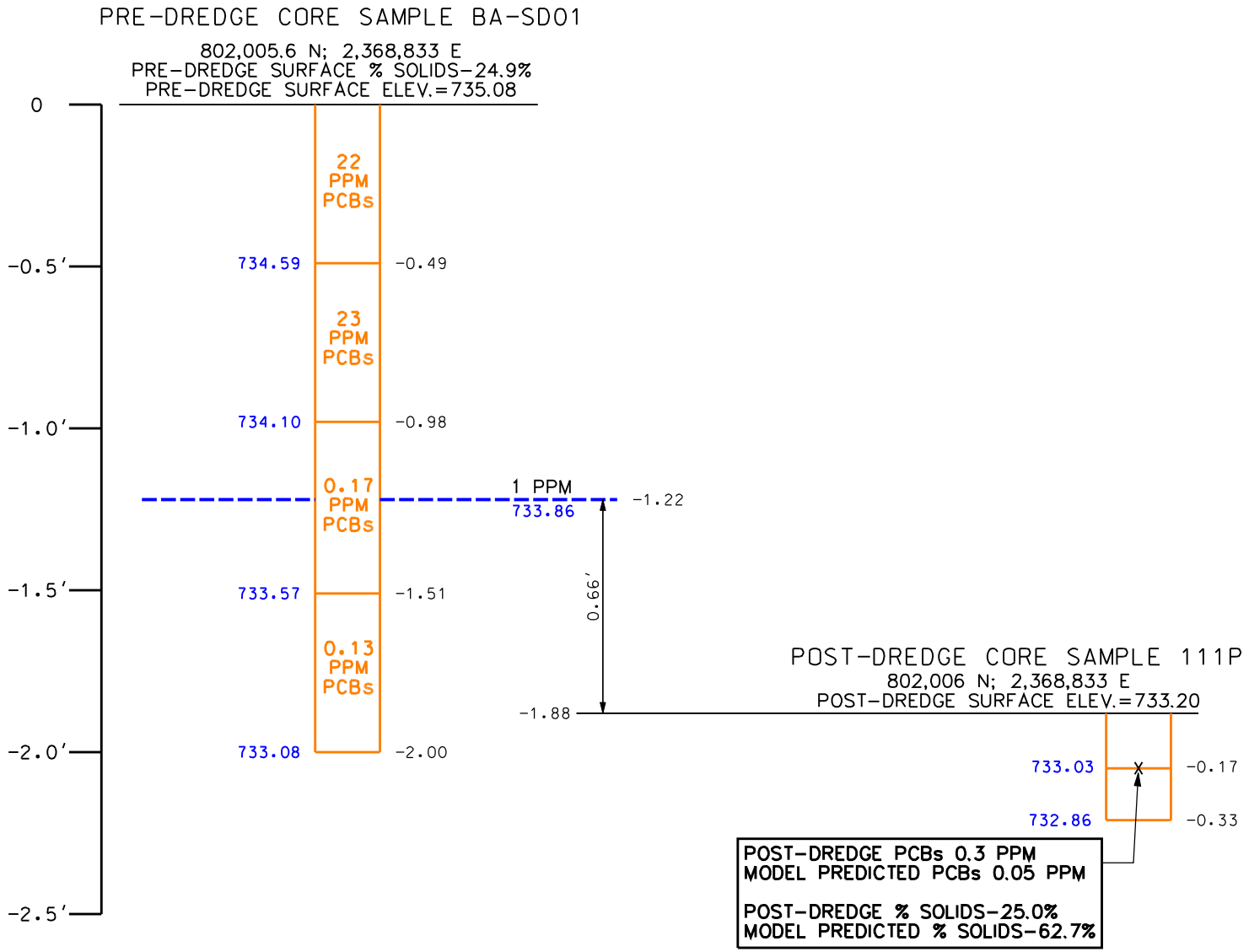

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FIGURE 3

LOWER FOX RIVER OU1 - SUB-AREA A
PRIMARY SAMPLE 111P AND CORE
SAMPLE BA-SD01 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
Drawn By: JOW	Checked By: TMK1	Scope: 04G007

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12/28/2006 jrb2

I:\04g007\2005 RA figure\ba-sd12 104p core sample.dgn
12/28/2006 jrb2

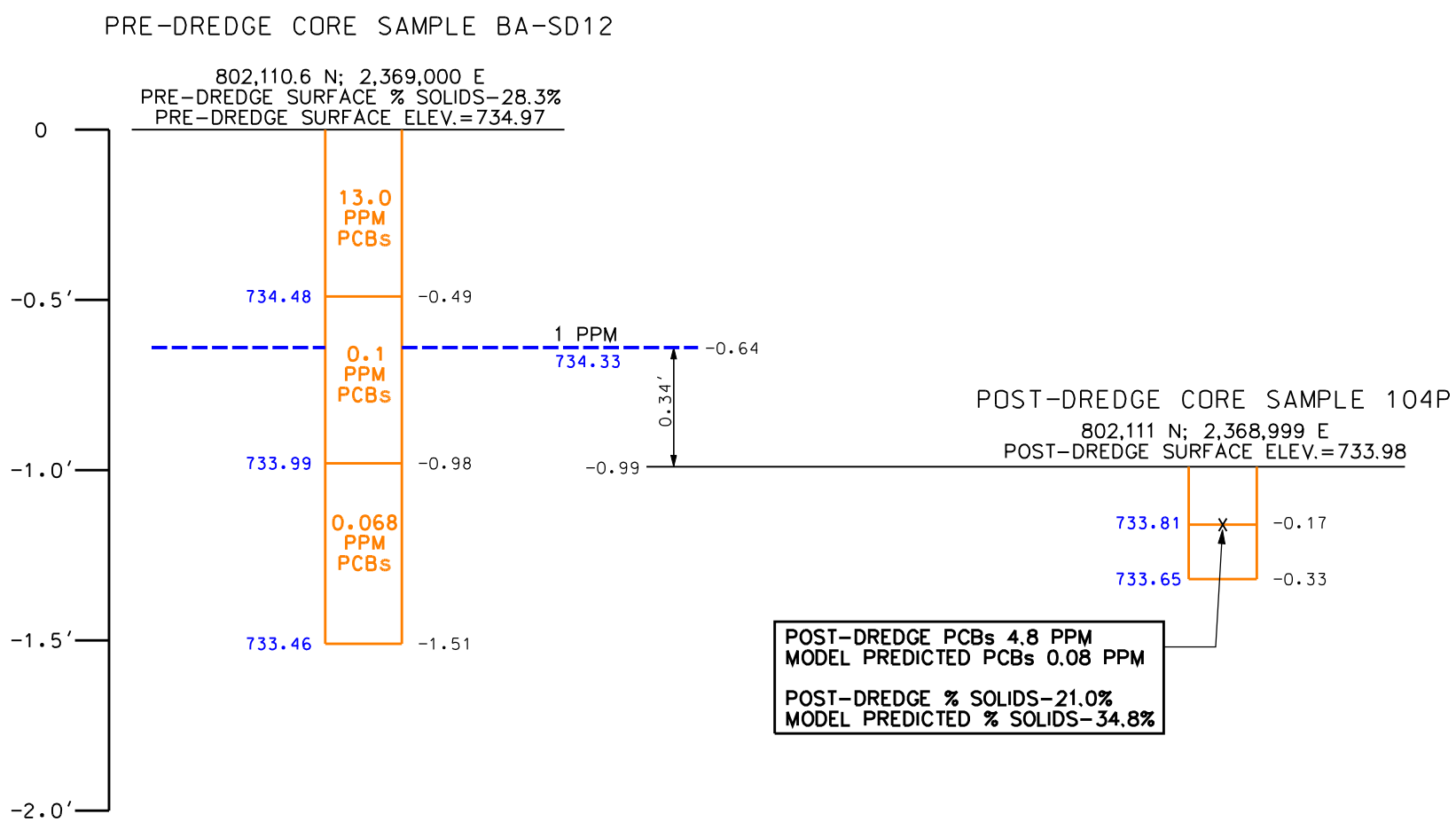

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FIGURE 4

LOWER FOX RIVER OU1 - SUB-AREA A
PRIMARY SAMPLE 104P AND CORE
SAMPLE BA-SD12 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
Drawn By: JOW	Checked By: TMK1	Scope: 04G007

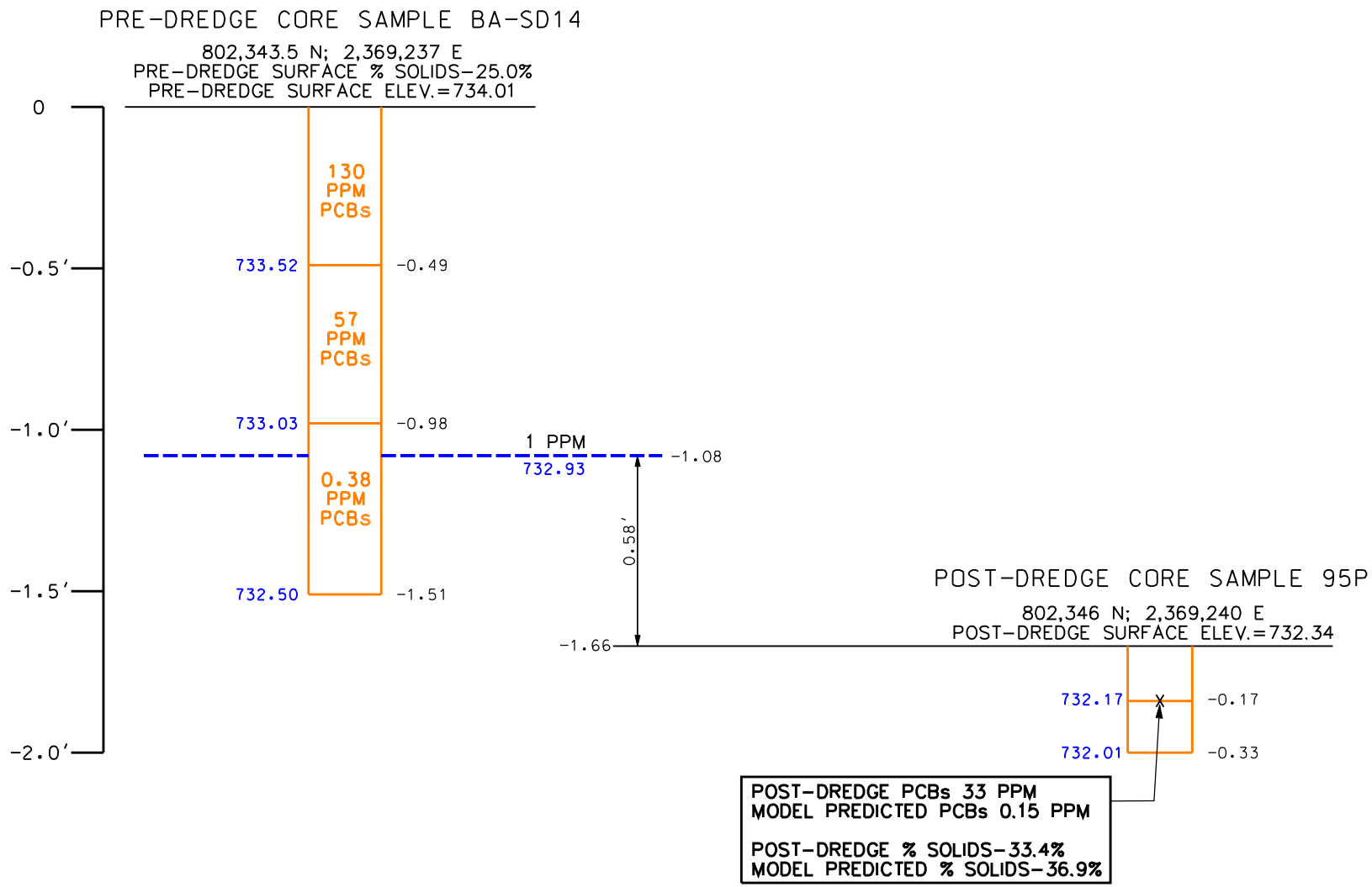

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FIGURE 5

LOWER FOX RIVER OU1 - SUB-AREA A
PRIMARY SAMPLE 95P AND CORE
SAMPLE BA-SD14 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

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12/28/2006 jrb2

I:\04g007\2005 RA figure\c-03 - 15p core sample.dgn
12/28/2006 jrb2

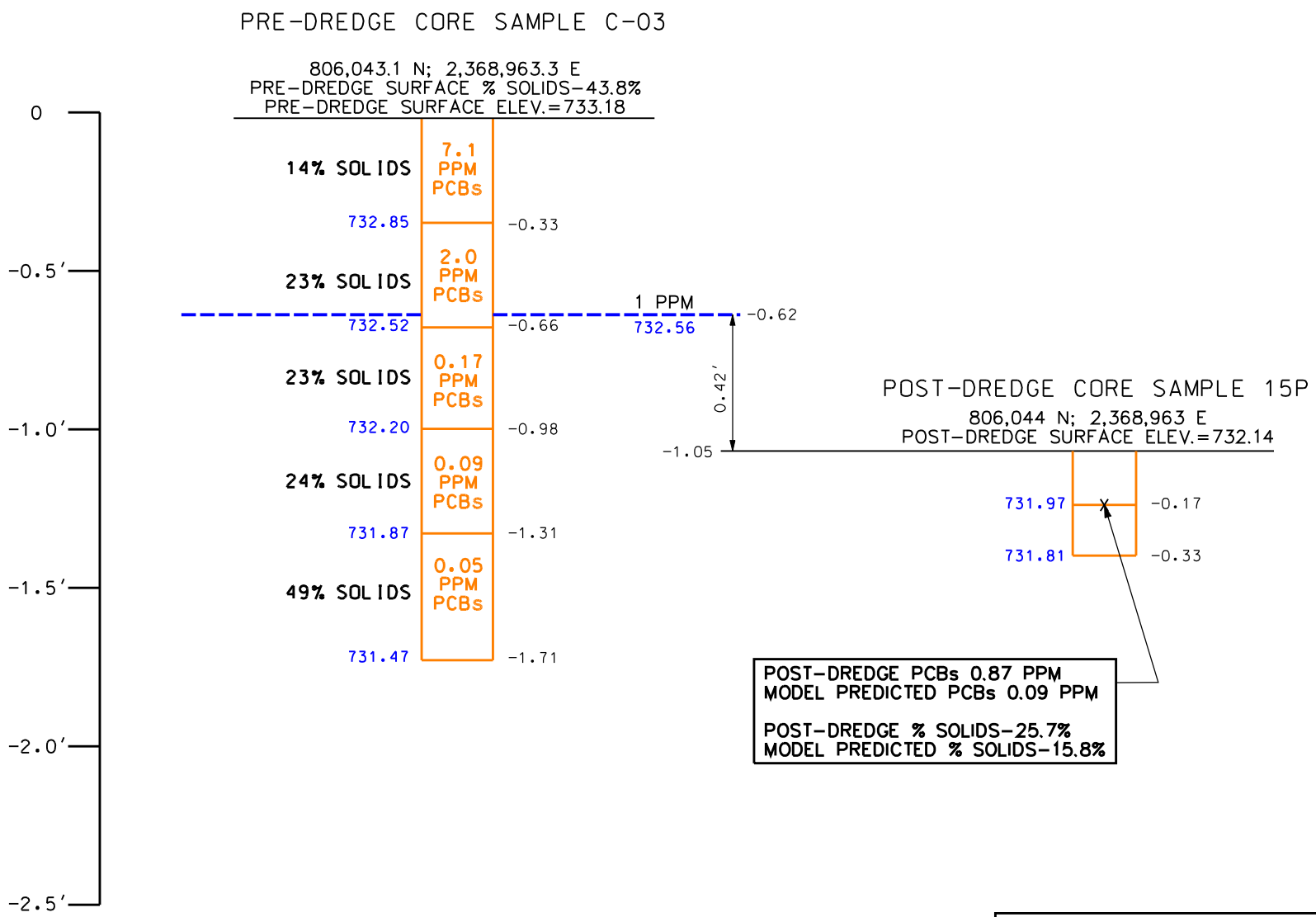

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FIGURE 6

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 15P AND CORE
SAMPLE C-03 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
Drawn By: JOW	Checked By: TMK1	Scope: 04G007

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12/28/2006 jrb2

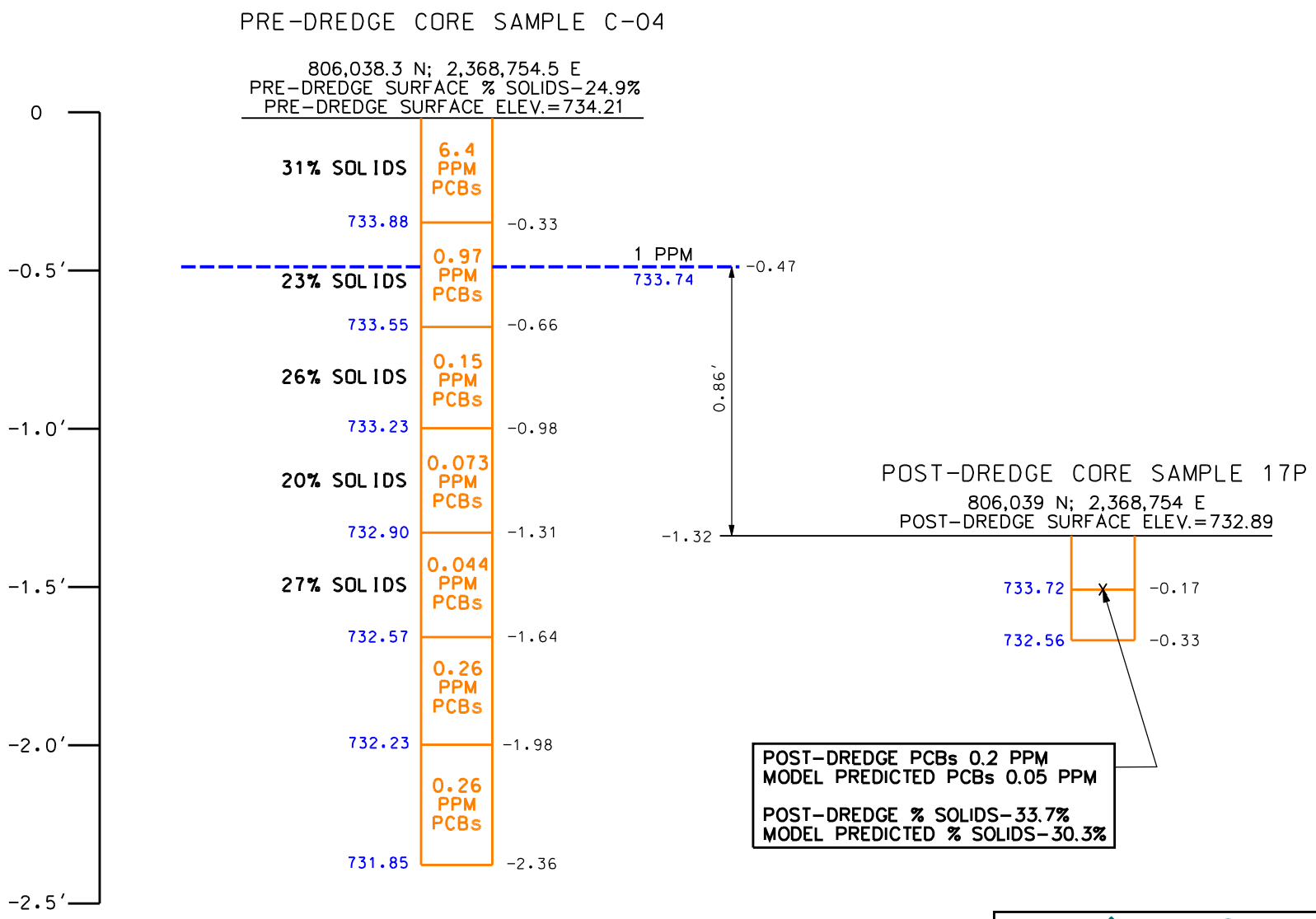

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FIGURE 7

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 17P AND CORE
SAMPLE C-04 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
Drawn By: JOW	Checked By: TMK1	Scope: 04G007

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12/28/2006 jrb2

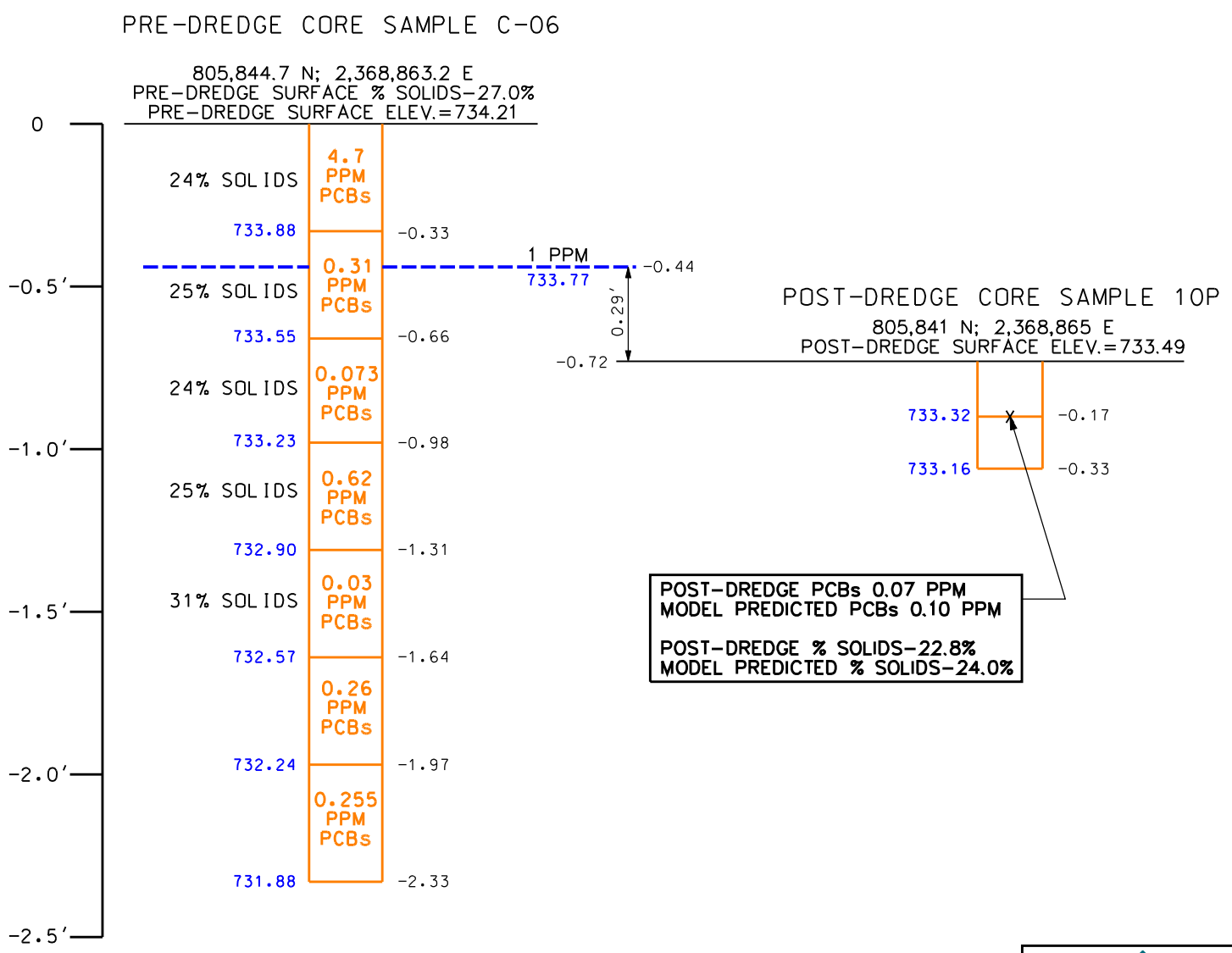

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FIGURE 8

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 10P AND CORE
SAMPLE C-06 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

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12/28/2006 jrb2

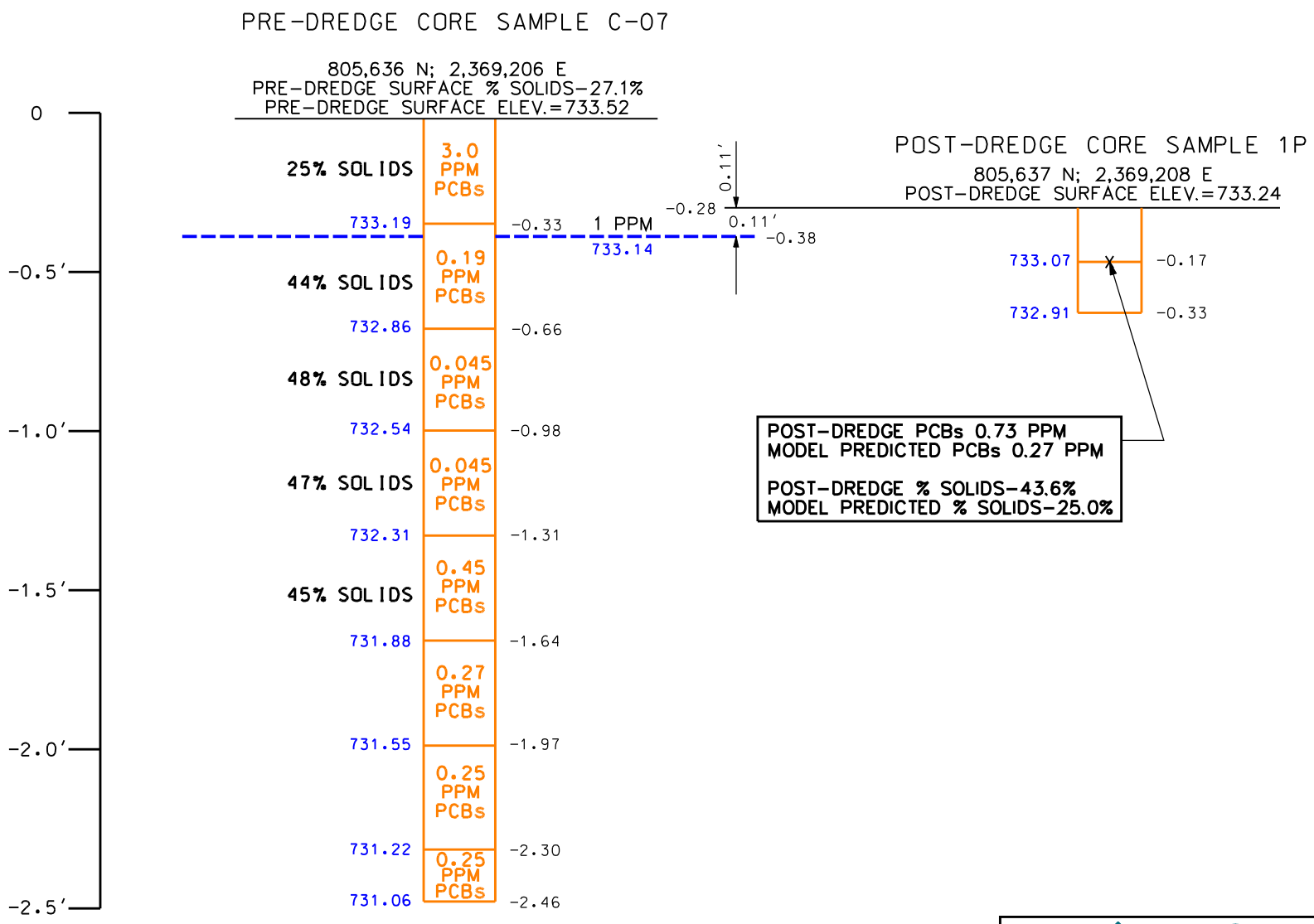

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FIGURE 9

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 1P AND CORE
SAMPLE C-07 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
Drawn By: JOW	Checked By: TMK1	Scope: 04G007

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12/28/2006 jrb2

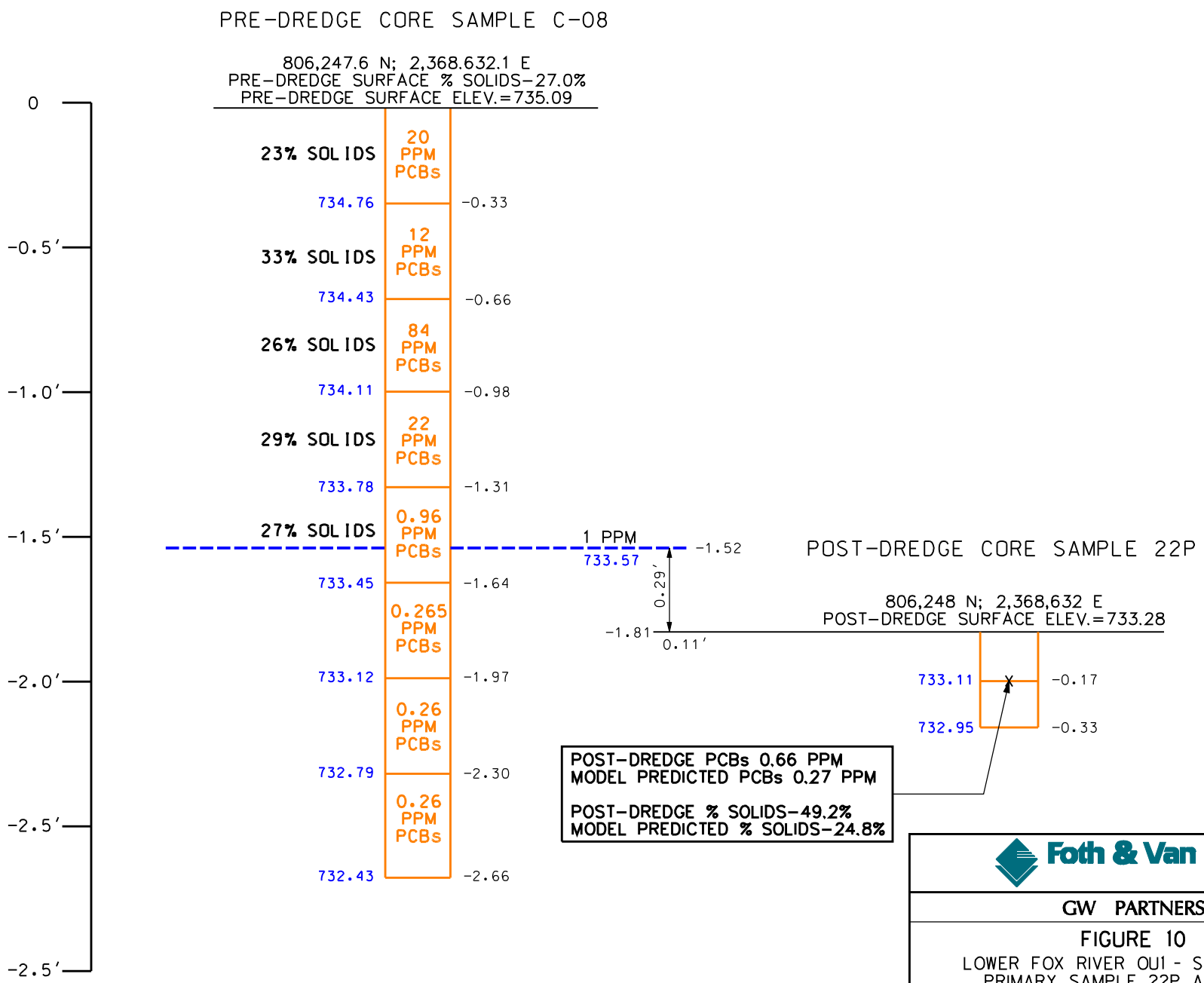

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FIGURE 10

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 22P AND CORE
SAMPLE C-08 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

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12/28/2006 jrb2

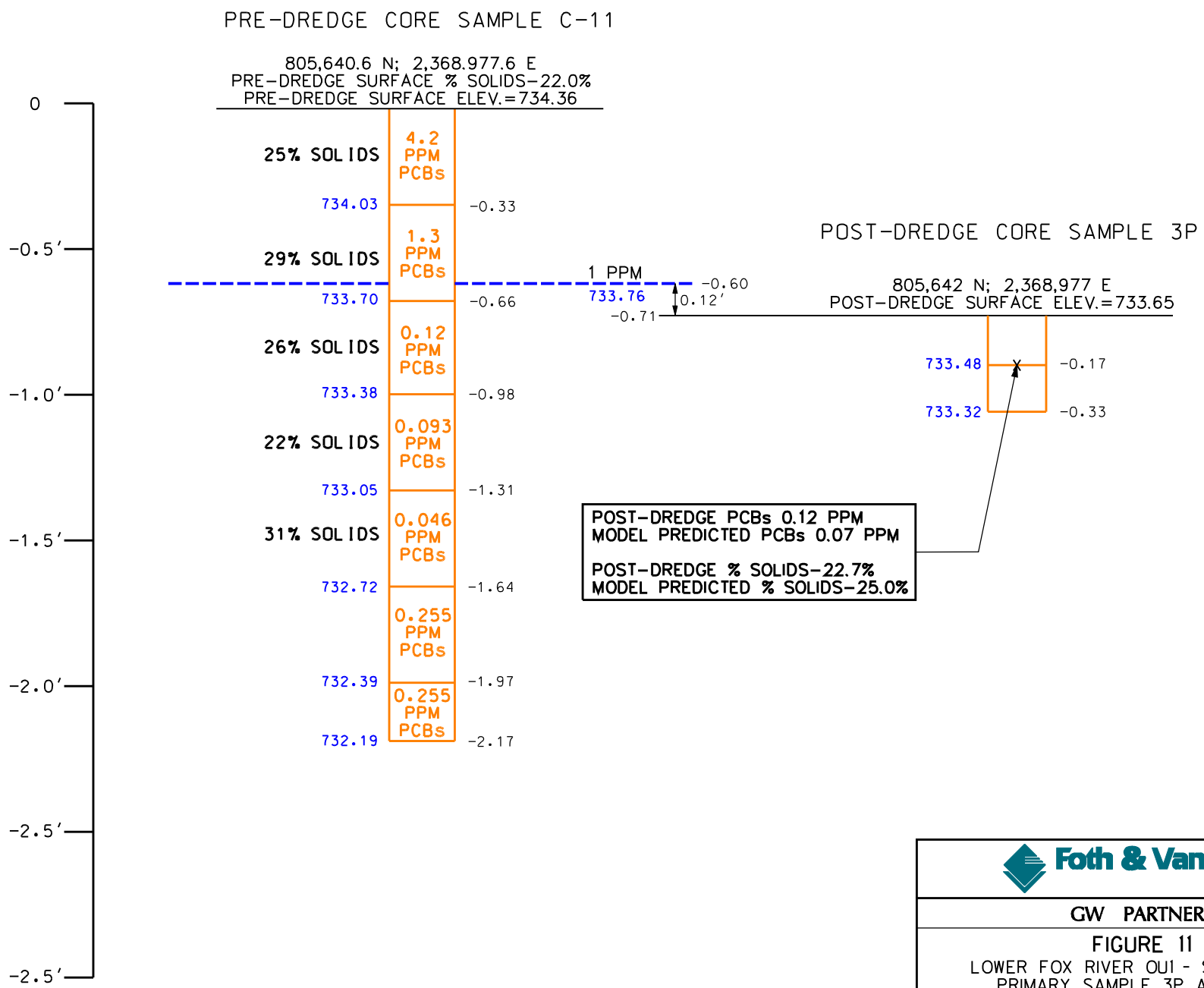

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FIGURE 11

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 3P AND CORE
SAMPLE C-11 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

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12/28/2006 jrb2

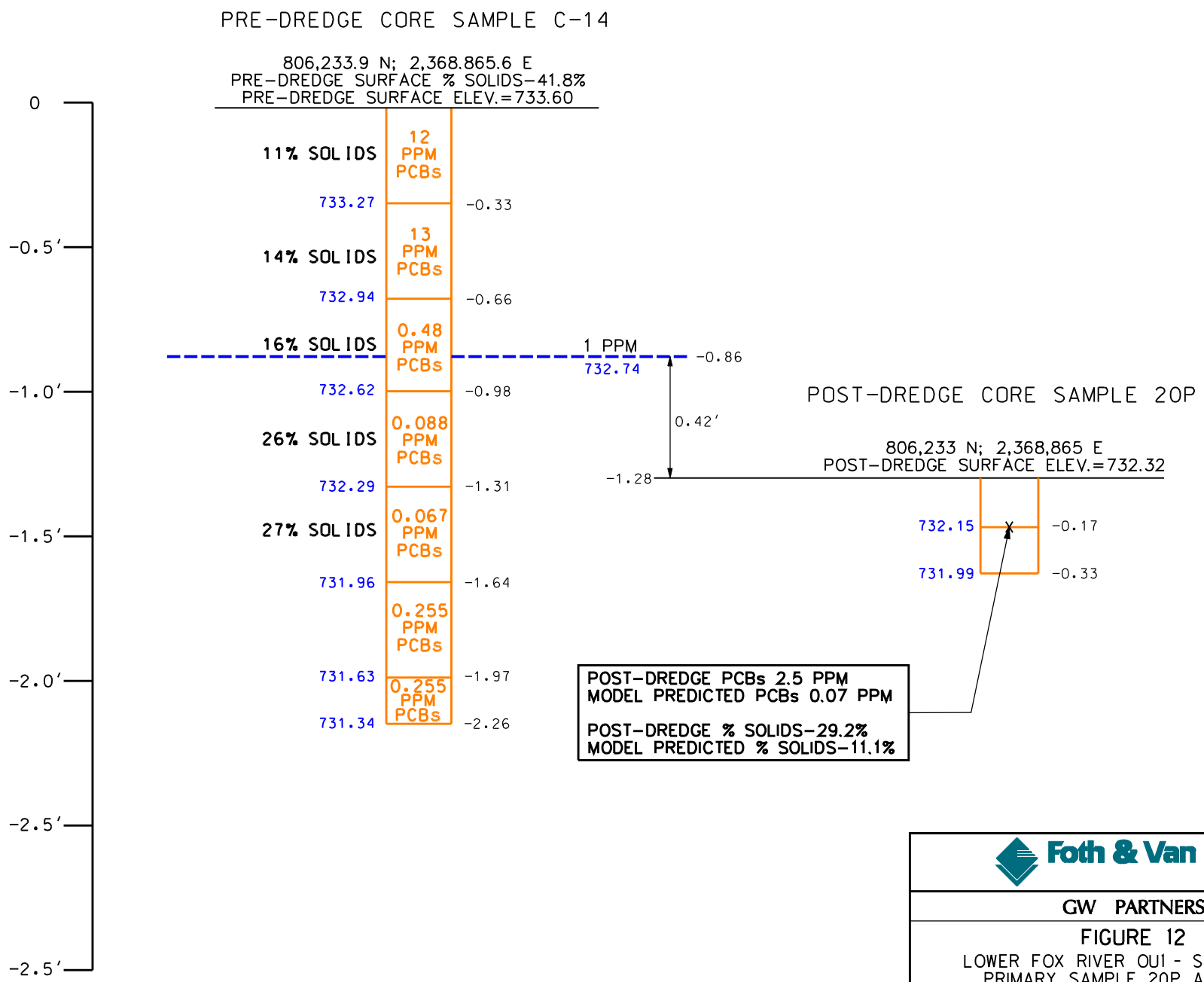

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FIGURE 12

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 20P AND CORE
SAMLE C-14 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
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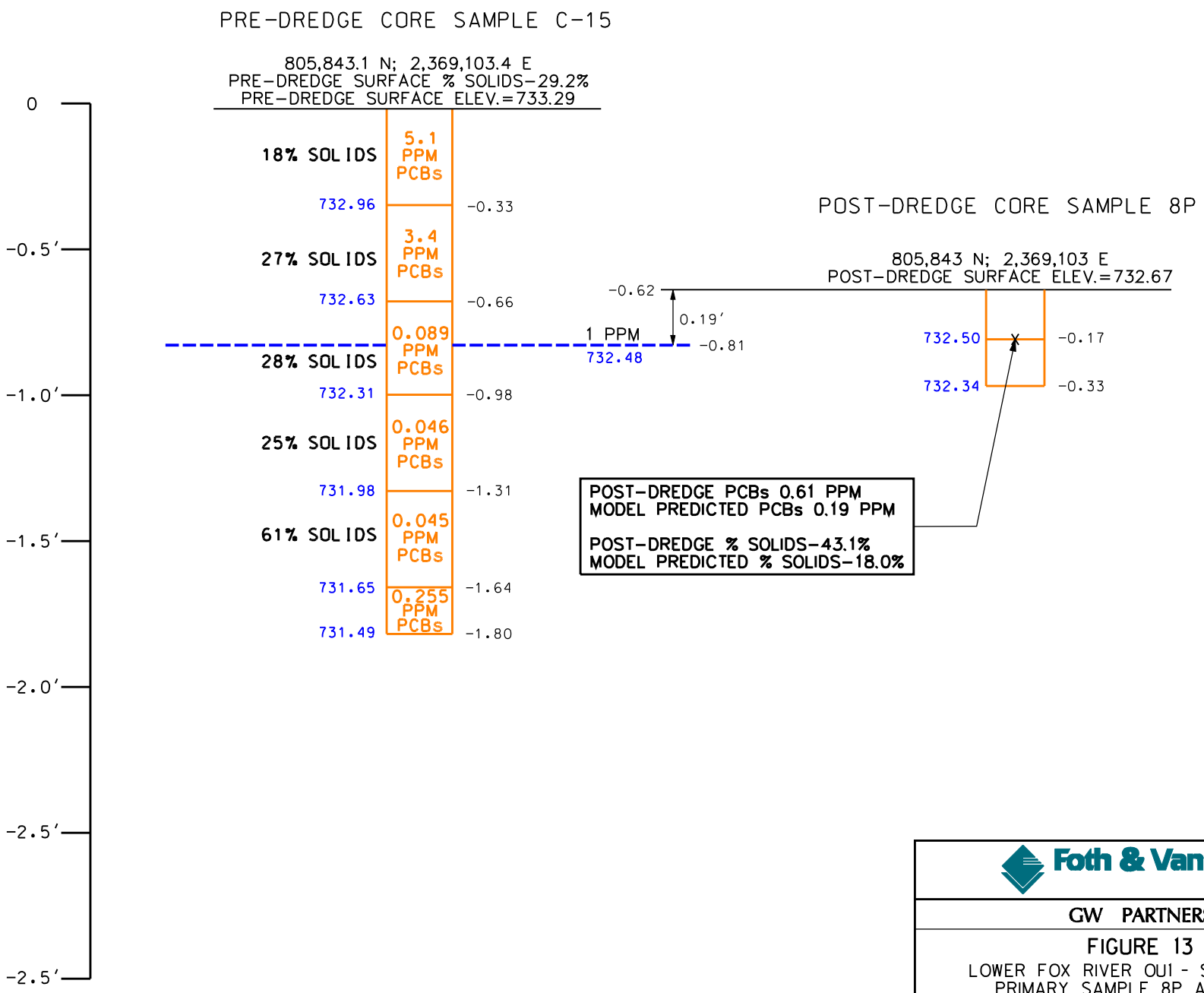

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FIGURE 13

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 8P AND CORE
SAMPLE C-15 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

I:\04g007\2005 RA figure\c-15 - 8p core sample.dgn
12/28/2006 jrb2

I:\04g007\2005 RA figure\c-17 - 26p core sample.dgn
12/28/2006 jrb2

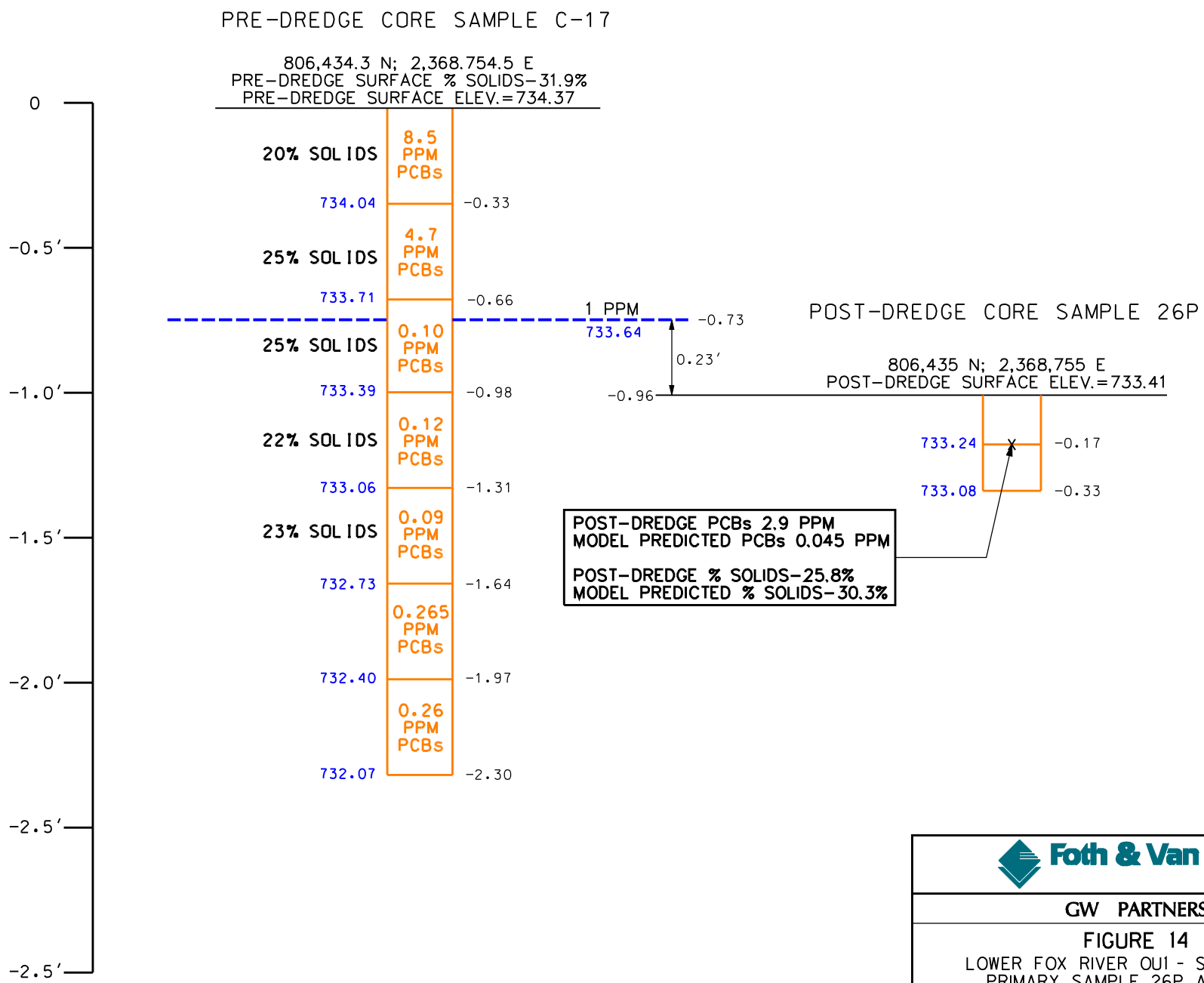

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FIGURE 14

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 26P AND CORE
SAMPLE C-17 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

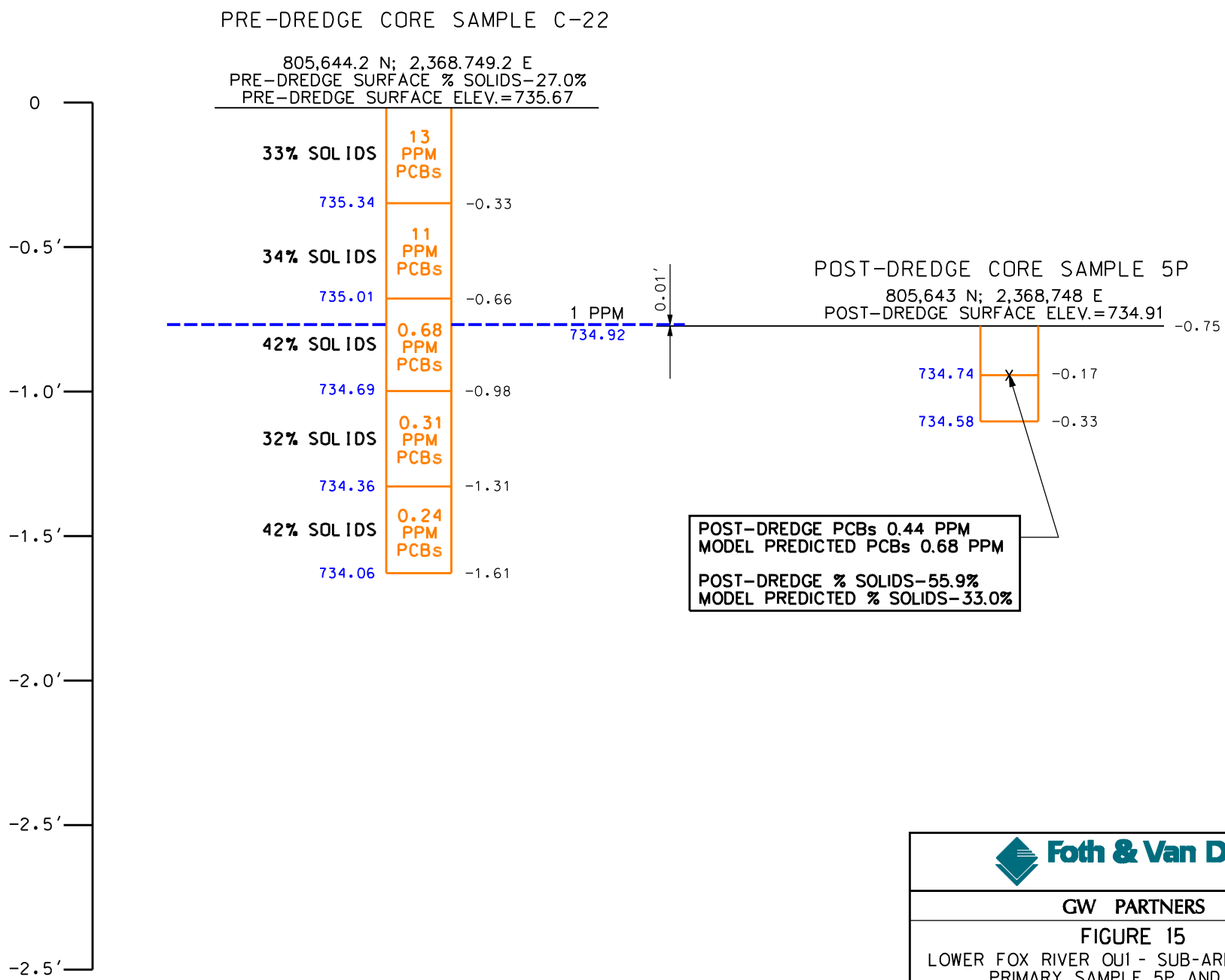

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FIGURE 15

LOWER FOX RIVER OU1 - SUB-AREA C & D2S
PRIMARY SAMPLE 5P AND CORE
SAMPLE C-22 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

I:\04g007\2005 RA figure\c-22 - 5p core sample.dgn
12/28/2006 jrb2

I:\04g007\2005 RA figure\c-27 - 18p core sample.dgn
12/28/2006 jrb2

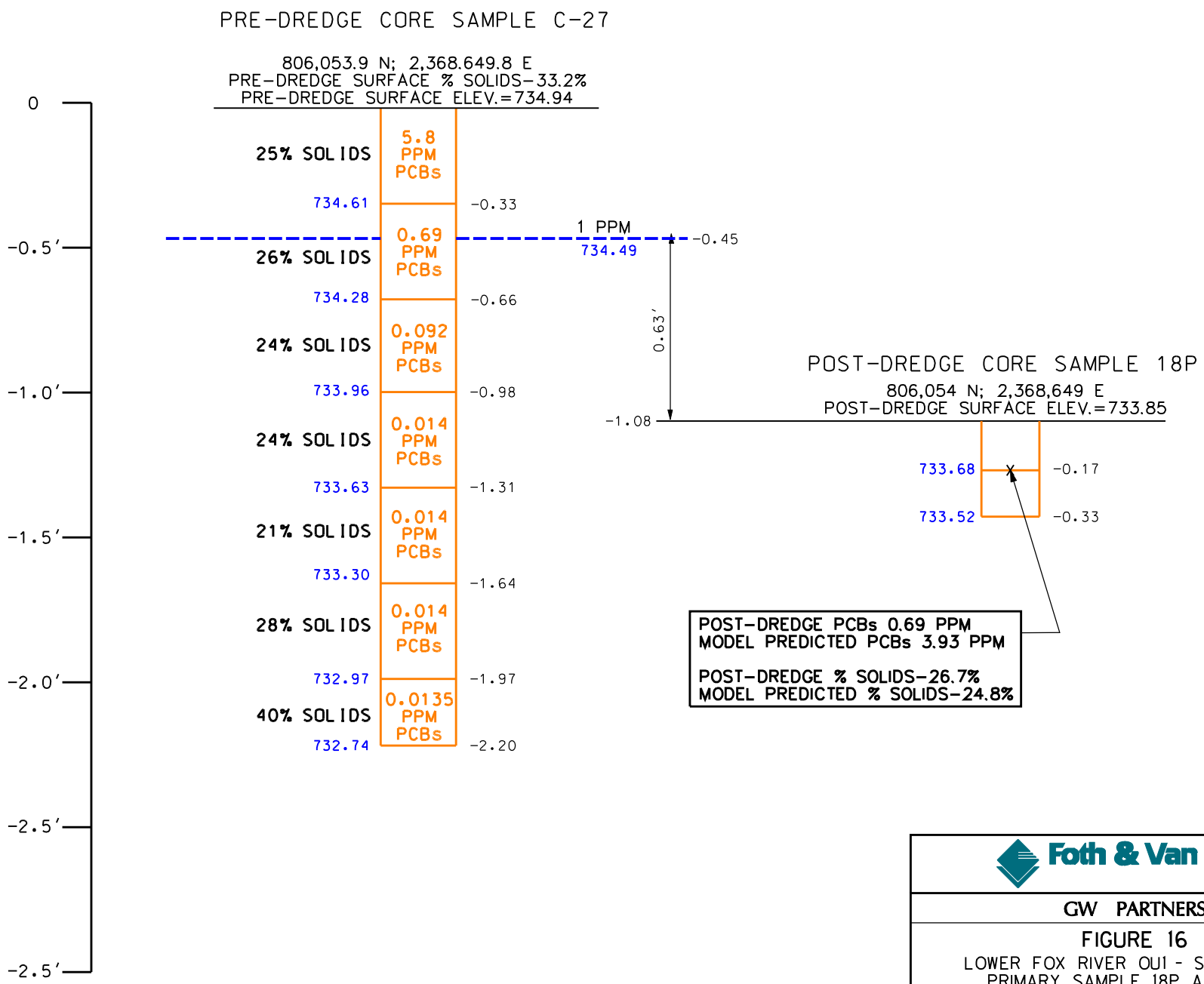

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FIGURE 16

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 18P AND CORE
SAMPLE C-27 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

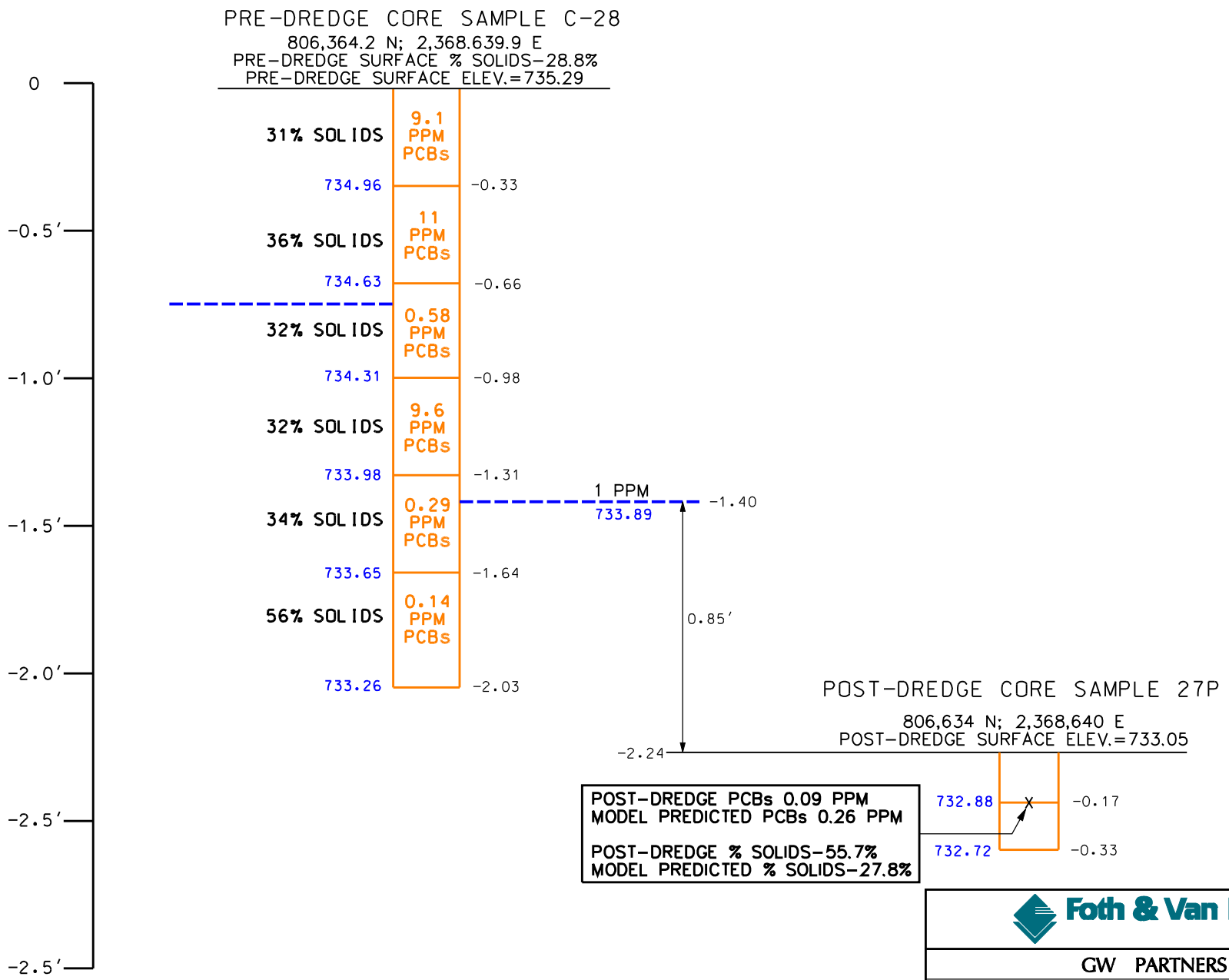

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FIGURE 17

LOWER FOX RIVER OU1 - SUB-AREA C
PRIMARY SAMPLE 27P AND CORE
SAMPLE C-28 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006	
Drawn By: JOW	Checked By: TMK1	Scope: 04G007

I:\04g007\2005 RA figure\c-28 - 27p core sample.dgn
12/28/2006 jrb2

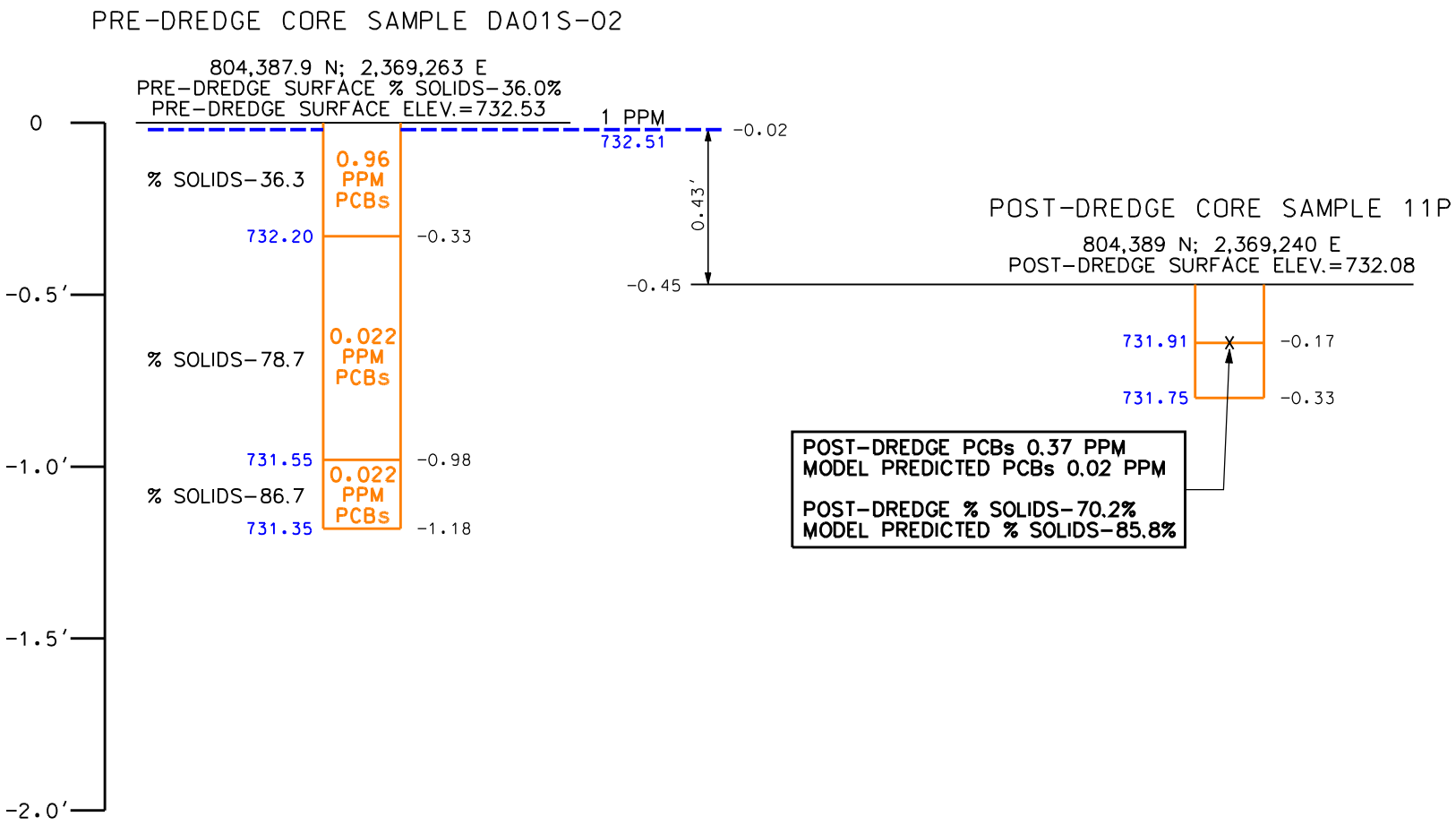

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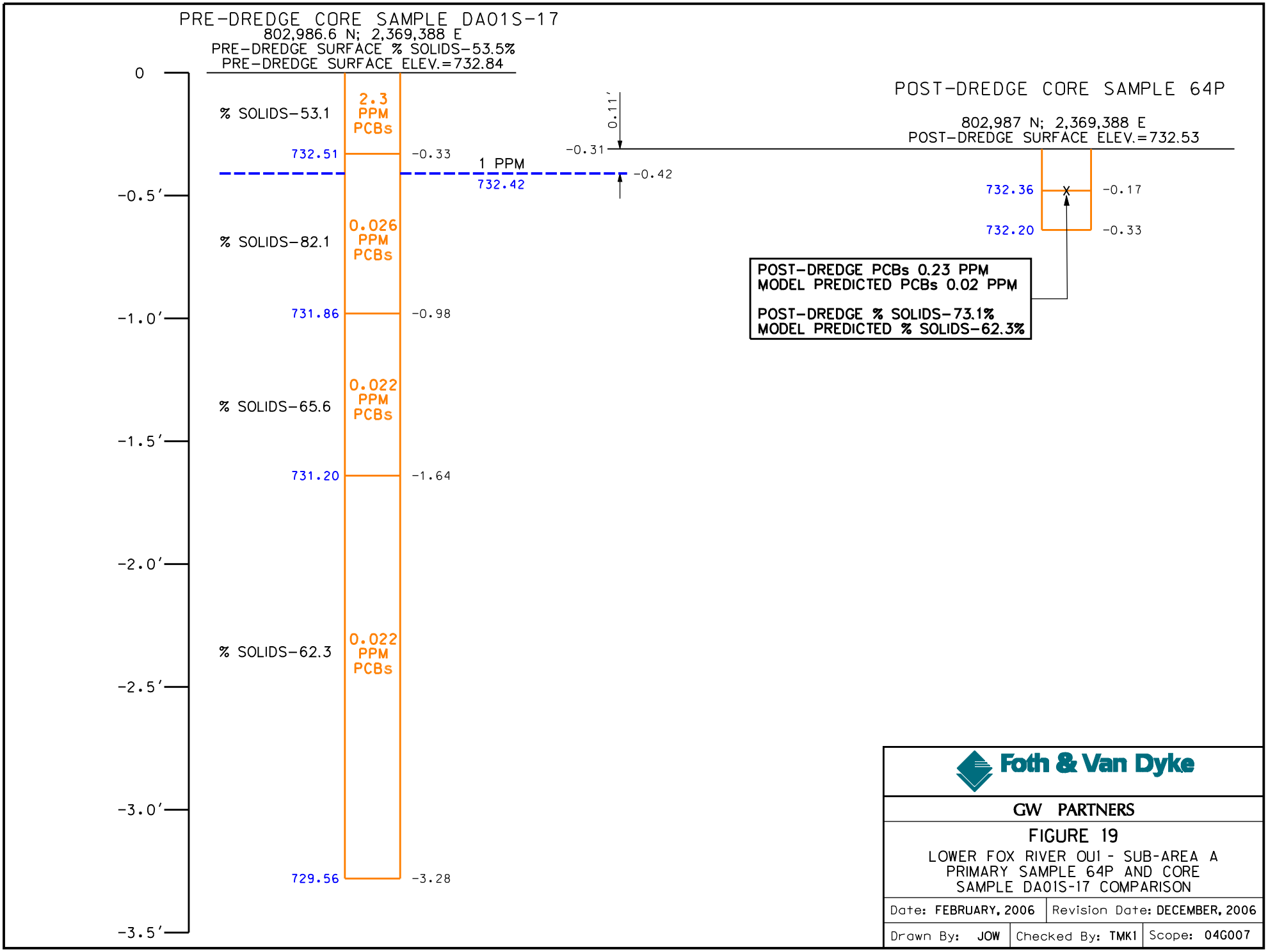
FIGURE 18

LOWER FOX RIVER OU1 - SUB-AREA A
PRIMARY SAMPLE 11P AND CORE
SAMPLE DA01S-02 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

I:\04g007\2005 RA figure\da01s-02 11p core sample.dgn
12/28/2006 jrb2



I:\04g007\2005 RA figure\da01s-17 64p core sample.dgn
12/28/2006 jrb2

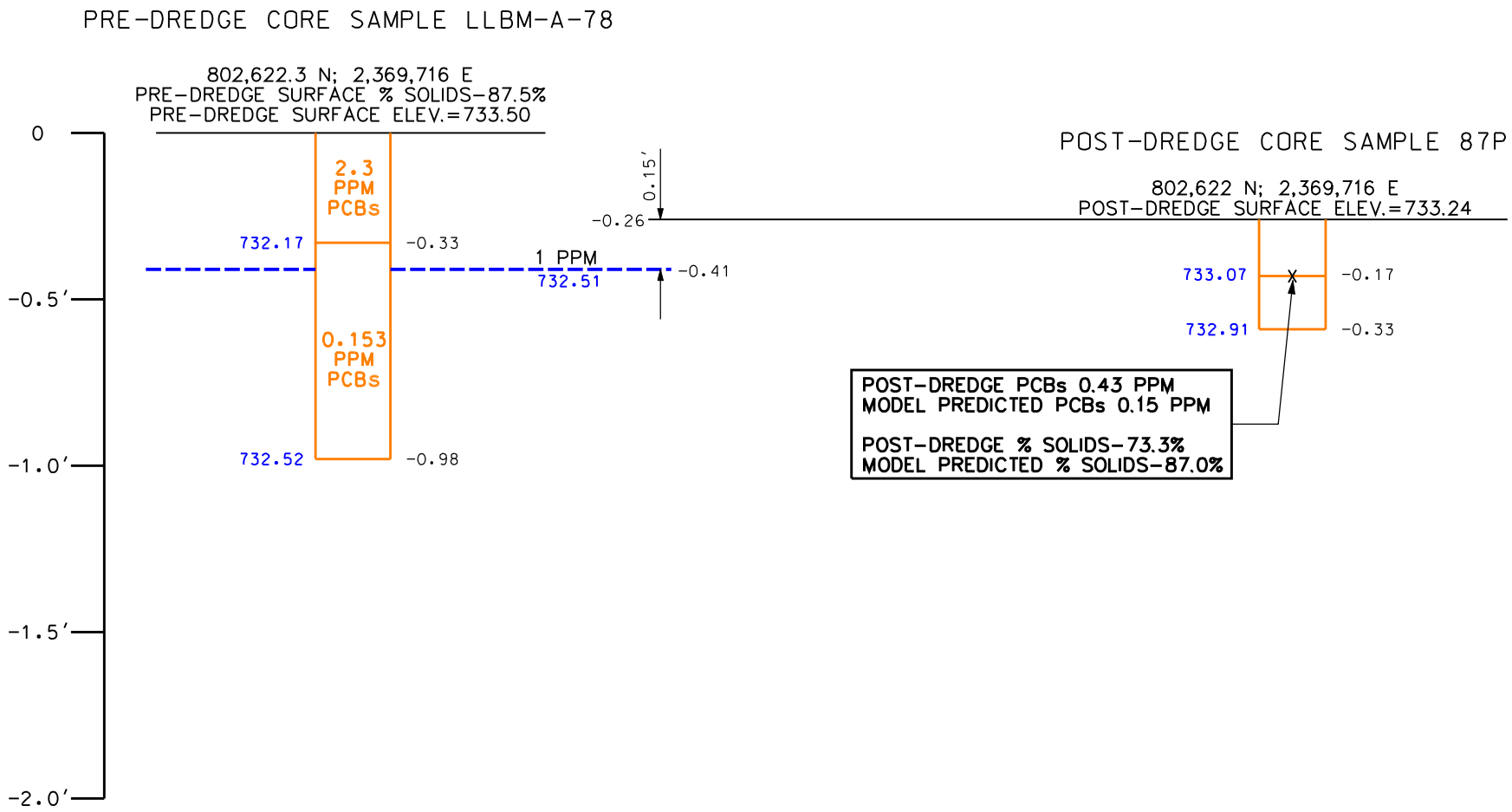


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FIGURE 20

LOWER FOX RIVER OU1 - SUB-AREA A
PRIMARY SAMPLE 87P AND CORE
SAMPLE LLBM-A-78 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

I:\04g007\2005 RA figure\llbm-a-78 87p core sample.dgn
12/28/2006 jrb2

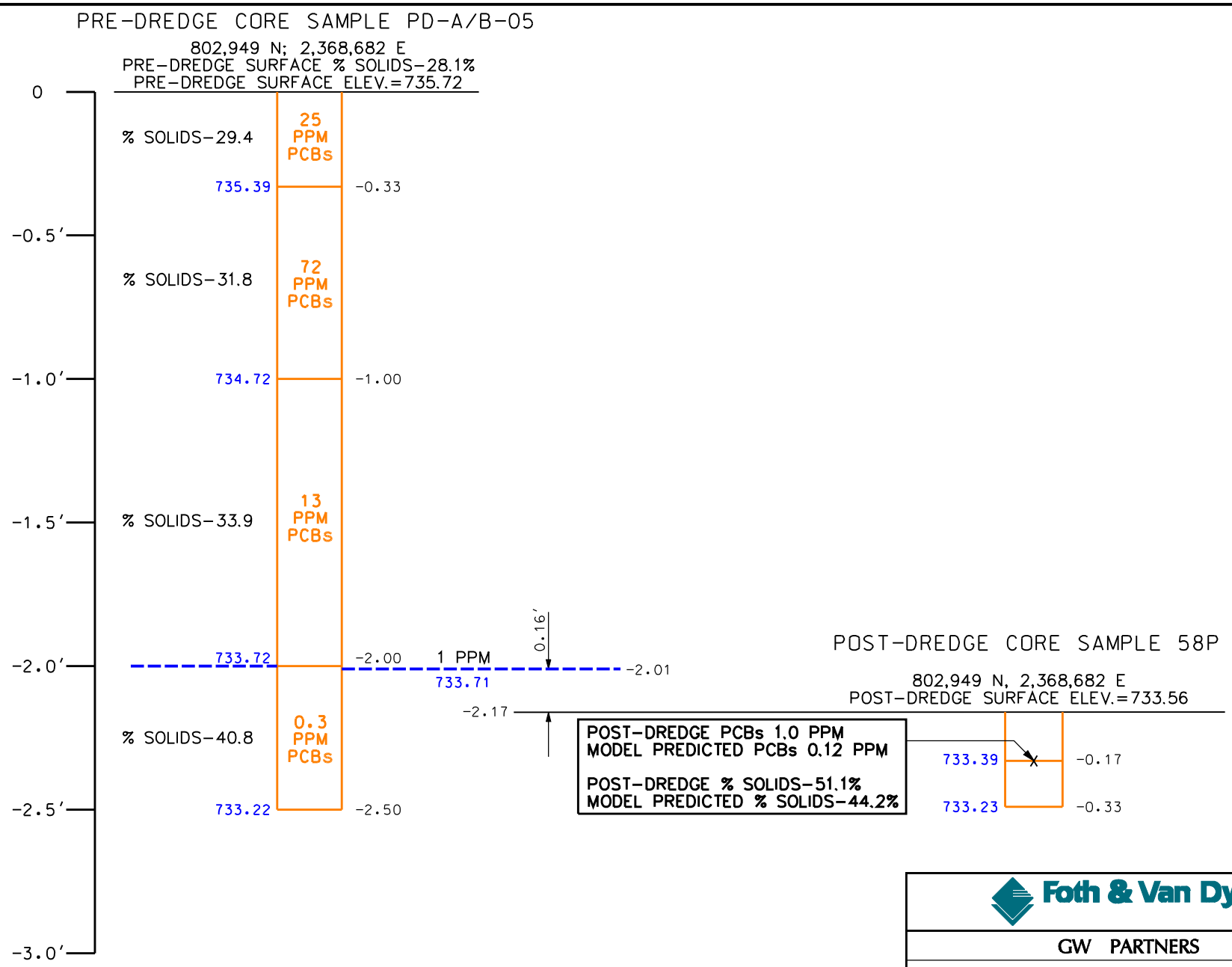

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FIGURE 21

LOWER FOX RIVER OU1 - SUB-AREA A
PRIMARY SAMPLE 58P AND CORE
SAMPLE PD-A/B-05 COMPARISON

Date: FEBRUARY, 2006	Revision Date: DECEMBER, 2006

Drawn By: JOW	Checked By: TMK1	Scope: 04G007

I:\04g007\2005 RA figure\pd-ab-05 58p core sample.dgn
12/28/2006 jrb2