Former Buried Concrete Trench

RAMP

RAMP

EW-3

EW-7

CPT-2

CPT-1

EW-2

EW-6

EW-12

CPT-6

EW-1

EW-11

FORMER BUILDING 028J

EW-5

CPT-5

EW-10

CPT-4

EW-4

EW-14

CPT-3

EW-9

EW-13

EW-15

CPT-7

EW-8

CPT-8

Approximate Location of Former WV-03 and Spill Containment Tank

MH 1923

EXPLANATION:

EW-12 Groundwater Monitoring / Extraction Well

CPT Location (April 17-19, 2007)

N

0 30

SCALE IN FEET

Building 028J and all other structures shown have been demolished. Structures shown are for reference only.

ENVIRON

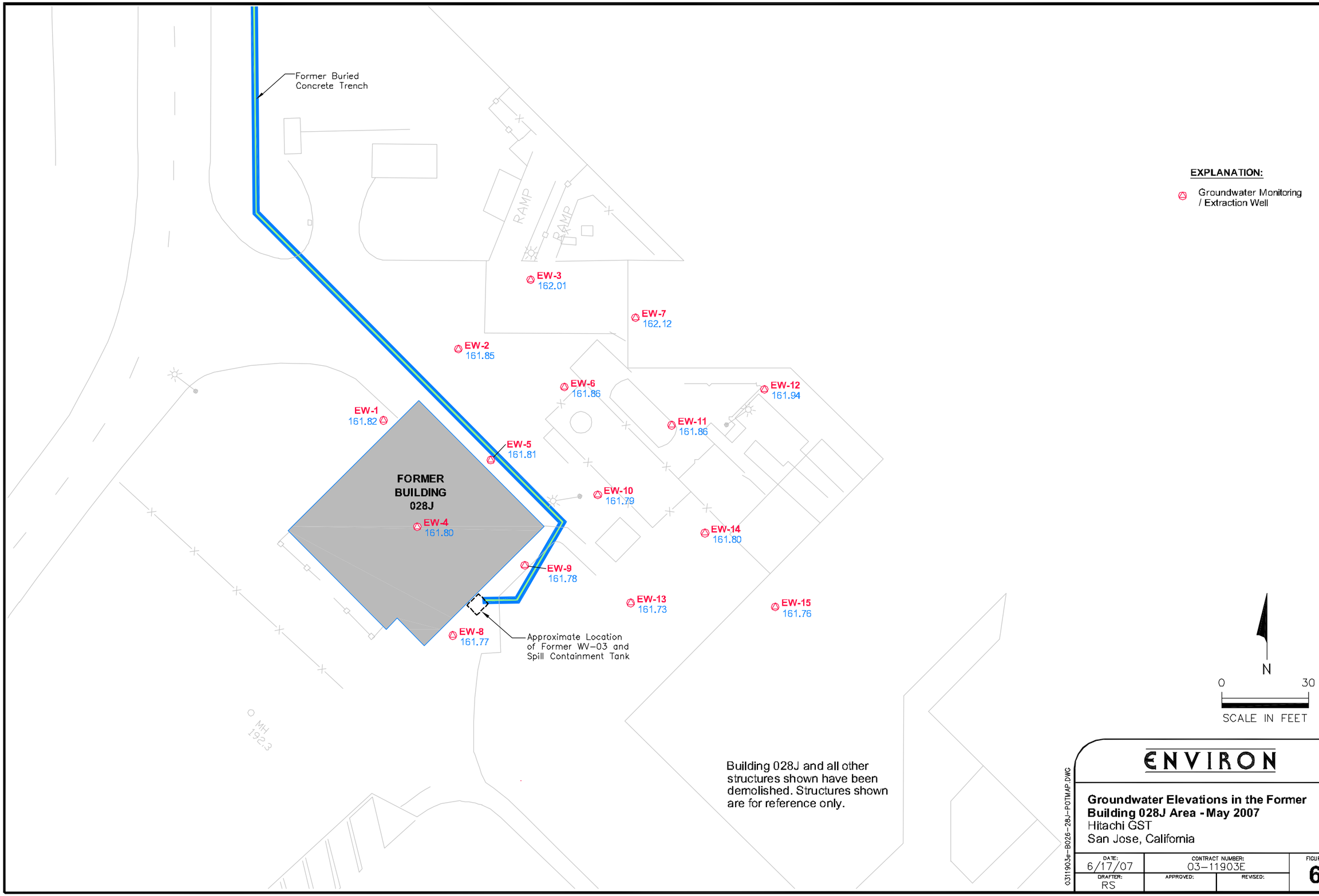
Groundwater Well and Cone Penetrometer Test Locations in the Former Building 028J Area

Hitachi GST

San Jose, California

DATE:	CONTRACT NUMBER:		FIGUR
7/18/07	03-11903E		5
DRAFTER: RS	APPROVED:	REVISED:	

0311903e-B026-28J-cpt-LOCATIONS-2.DWG

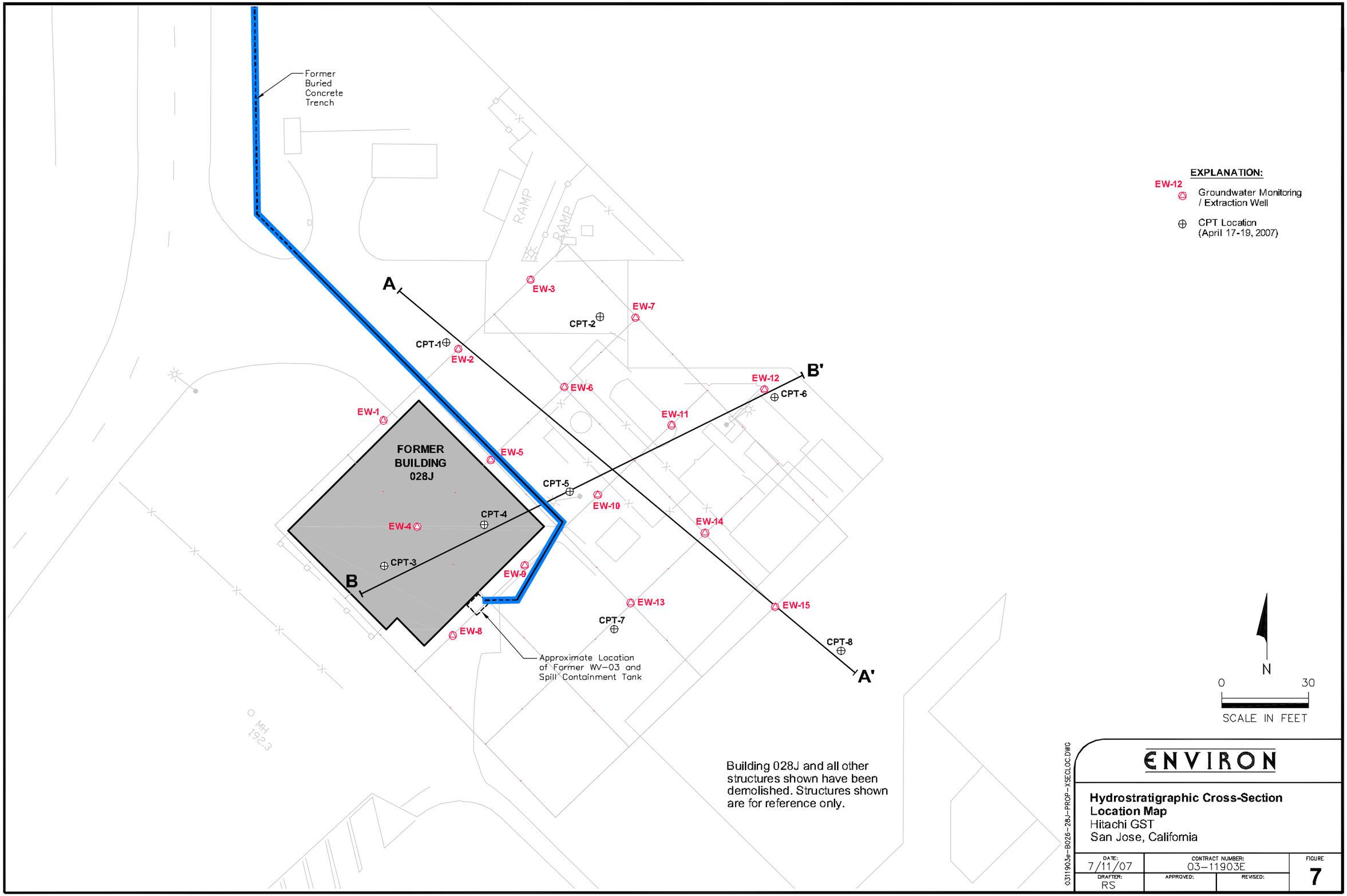


ENVIRON

Groundwater Elevations in the Former Building 028J Area - May 2007
Hitachi GST
San Jose, California

DATE:	CONTRACT NUMBER:		FIGURE
6/17/07	03-11903E		6
DRAFTER: RS	APPROVED:	REVISED:	

0311903e-B026-28J-POTMAP.DWG



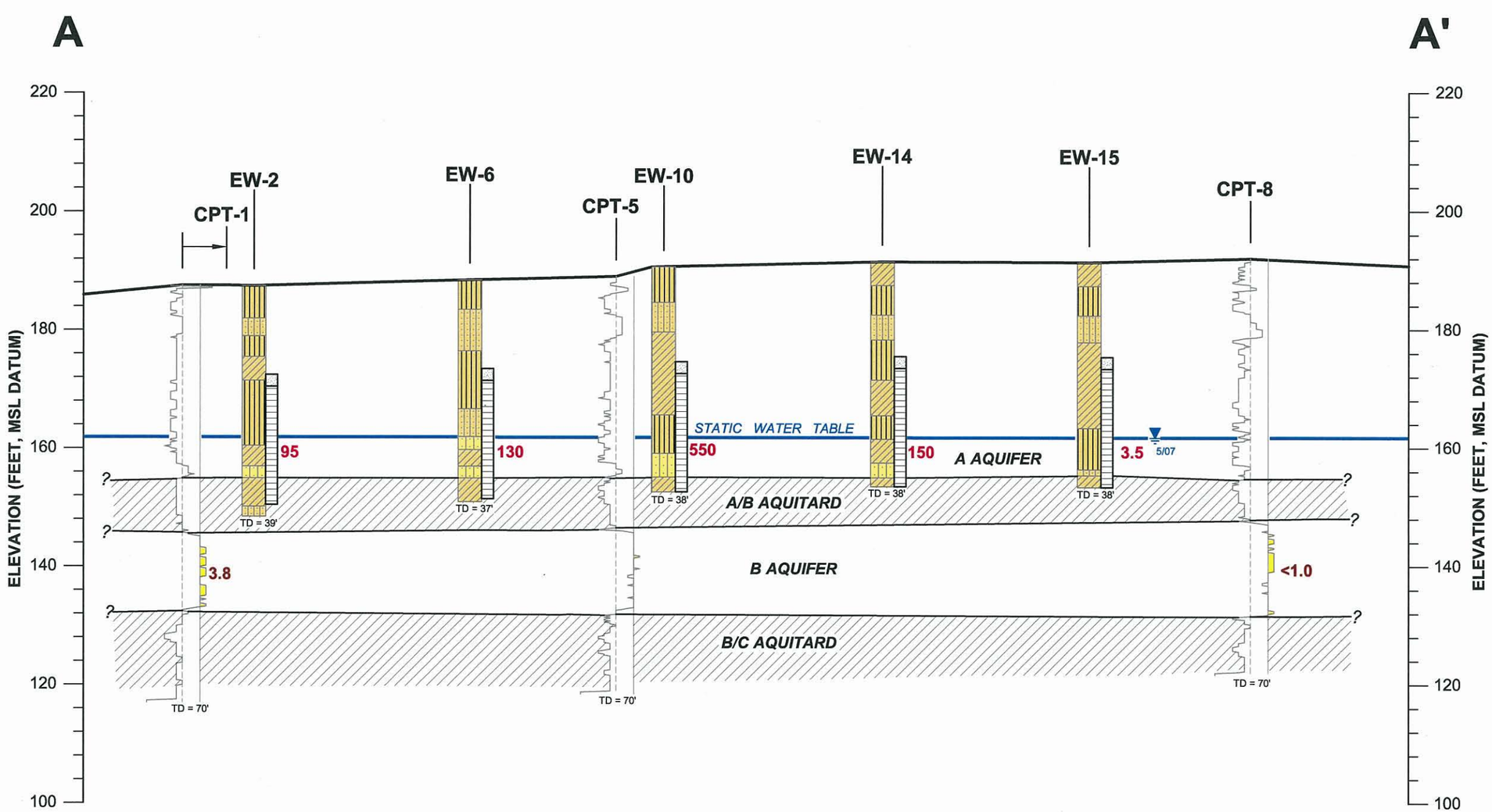
Building 028J and all other structures shown have been demolished. Structures shown are for reference only.

ENVIRON

Hydrostratigraphic Cross-Section Location Map
Hitachi GST
San Jose, California

DATE:	CONTRACT NUMBER:		FIGURE
7/11/07	03-11903E		7
DRAFTER: RS	APPROVED:	REVISED:	

0311903e-B026-28J-PROP-XSECLOC.DWG

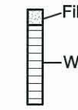


EXPLANATION:

Groundwater Elevation in A-Aquifer measured in May 2007

34 Chloroform concentration in groundwater (µg/L) April 2007

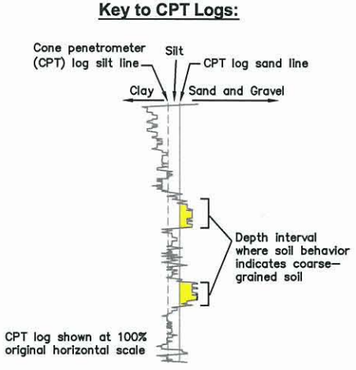
56 Chloroform concentration in groundwater (µg/L) May 2007



NOTES:

TD = Total Depth
MSL = Mean Sea Level

Key to CPT Logs:



Key to Soil Types:

- Sand with Silt / Silty Sand
- Silty Fine Sand / Sandy Silt
- Silt
- Silty Clay

Scale

0 20 40

SCALE IN FEET

Vertical Exaggeration: 1X

1" = 20 ft. vertical

ENVIRON

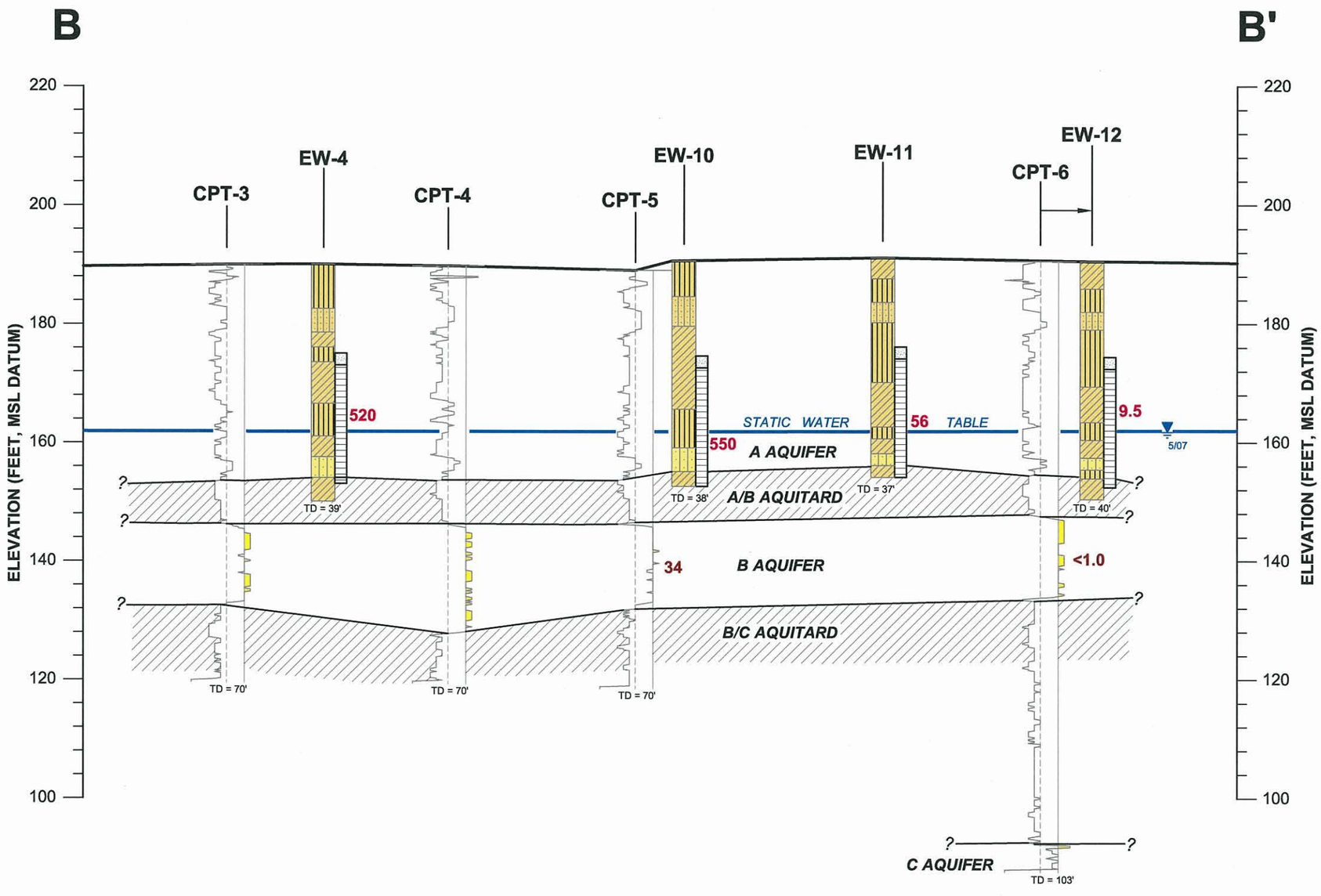
Conceptual Hydrostratigraphic Cross-Section A-A'

Hitachi GST

San Jose, California

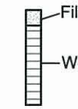
DATE:	CONTRACT NUMBER:		FIGURE
7/11/07	03-11903E		8
DRAFTER: RS	APPROVED:	REVISED:	

03119O3E-XSEC-AA



EXPLANATION:

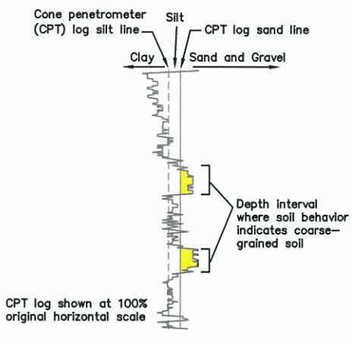
- Groundwater Elevation in A-Aquifer measured in May 2007
- **34** Chloroform concentration in groundwater (µg/L) April 2007
- **56** Chloroform concentration in groundwater (µg/L) May 2007



NOTES:

TD = Total Depth
MSL = Mean Sea Level

Key to CPT Logs:



Scale

0 — 20 — 40

SCALE IN FEET

Vertical Exaggeration: 1X

1" = 20 ft. vertical

Key to Soil Types:

- Sand with Silt / Silty Sand
- Silty Fine Sand / Sandy Silt
- Silt
- Silty Clay

ENVIRON

Conceptual Hydrostratigraphic Cross-Section B-B'

Hitachi GST

San Jose, California

DATE:	CONTRACT NUMBER:		FIGURE
7/11/07	03-11903E		9
DRAFTER: RS	APPROVED:	REVISED:	

0311903E-XSEC-BB

Buried Concrete Trench

Sample ID	Sample Depth	Chloroform
SG-028J-9	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-19	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-18	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-22	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-10	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-17	5'	1.6
	10'	2.7

Sample ID	Sample Depth	Chloroform
SG-028J-16	5'	<0.08
	10'	0.094
	10'	0.11

Sample ID	Sample Depth	Chloroform
SG-028J-7	5'	2.3
	10'	3.1

Sample ID	Sample Depth	Chloroform
SG-028J-6	5'	3.9
	10'	9.4

Buried Corrugated Pipe

Sample ID	Sample Depth	Chloroform
SG-TR-11	5'	24
	5'	20
	10'	0.34

Sample ID	Sample Depth	Chloroform
SG-028J-4	5'	4.5
	5'	4.3
	10'	7.9

Sample ID	Sample Depth	Chloroform
SG-028J-3	5'	19
	10'	28

Sample ID	Sample Depth	Chloroform
SG-028J-23	5'	<0.08
	10'	0.28

Sample ID	Sample Depth	Chloroform
SG-028J-12	5'	<0.08
	10'	0.16

Sample ID	Sample Depth	Chloroform
SG-028J-20	5'	<0.08
	10'	0.92

Sample ID	Sample Depth	Chloroform
SG-028J-11	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-1	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-8	5'	<0.08
	10'	1.2

Sample ID	Sample Depth	Chloroform
SG-TR-12	5'	12
	10'	16

Sample ID	Sample Depth	Chloroform
SG-028J-25	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-13	5'	0.16
	10'	1.1

Sample ID	Sample Depth	Chloroform
SG-028J-15	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-5	5'	0.36
	10'	1.8

Sample ID	Sample Depth	Chloroform
SG-028J-21	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-2	5'	0.23
	5'	<0.17
	10'	0.23

Sample ID	Sample Depth	Chloroform
SG-TR-13	5'	<0.08
	10'	0.45

Sample ID	Sample Depth	Chloroform
SG-028J-14	5'	<0.08
	10'	<0.08

Sample ID	Sample Depth	Chloroform
SG-028J-24	5'	<0.08
	10'	<0.08

SG-028J-9
SG-028J-19
SG-028J-18
SG-028J-22
SG-028J-10
SG-028J-17
SG-028J-16
SG-TR-11
SG-028J-6
SG-028J-7
SG-028J-17
SG-028J-3
SG-028J-4
SG-028J-23
SG-028J-11
SG-028J-12
SG-028J-1
SG-028J-20
SG-028J-25
SG-TR-12
SG-028J-8
SG-028J-13
SG-028J-2
SG-028J-5
SG-028J-21
SG-028J-14
SG-028J-15
SG-028J-24

FORMER BUILDING 028J

Approximate Extent of Chloroform-Impacted Soil Gas

SG-TR-13

Approximate Location of Former WV-03 and Spill Containment Tank

STEPS

EXPLANATION:

- Surveyed Soil Gas Sample Location (Mar 2007)
- Approximate Soil Gas Sample Location (Nov 2005)
- Section of Trench Previously Removed

Notes:

1. Results shown in microgram per liter (µg/L).
2. Yellow highlighted text indicates the concentration of chloroform in soil gas exceeds the lowest residential risk-based target concentration (RBTC) of 1.1 µg/L (5') or 1.9 µg/L (10').

N

0 50

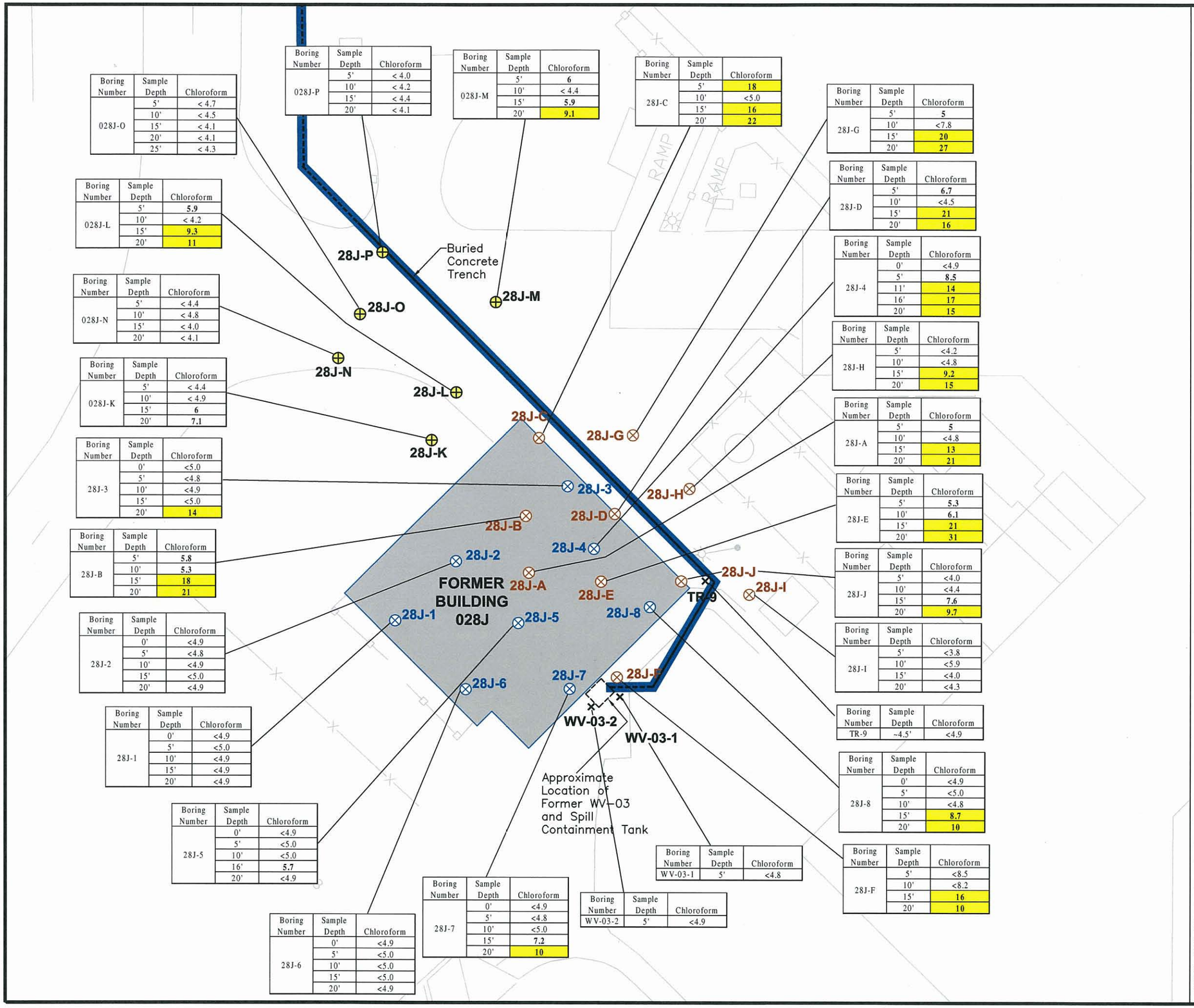
SCALE IN FEET

0311903e-B026-28J-DATABOX-SG-2.DWG

ENVIRON

Soil Gas Sample Locations and Chloroform Results in the Former Building 028J Area
Hitachi GST
San Jose, California

DATE:	CONTRACT NUMBER:		FIGURE
6/17/07	03-11903E		10
DRAFTER: RS	APPROVED:	REVISED:	



Boring Number	Sample Depth	Chloroform
028J-P	5'	< 4.0
	10'	< 4.2
	15'	< 4.4
	20'	< 4.1

Boring Number	Sample Depth	Chloroform
028J-M	5'	6
	10'	< 4.4
	15'	5.9
	20'	9.1

Boring Number	Sample Depth	Chloroform
28J-C	5'	18
	10'	<5.0
	15'	16
	20'	22

Boring Number	Sample Depth	Chloroform
028J-O	5'	< 4.7
	10'	< 4.5
	15'	< 4.1
	20'	< 4.1
	25'	< 4.3

Boring Number	Sample Depth	Chloroform
28J-G	5'	5
	10'	<7.8
	15'	20
	20'	27

Boring Number	Sample Depth	Chloroform
028J-L	5'	5.9
	10'	< 4.2
	15'	9.3
	20'	11

Boring Number	Sample Depth	Chloroform
28J-D	5'	6.7
	10'	<4.5
	15'	21
	20'	16

Boring Number	Sample Depth	Chloroform
028J-N	5'	< 4.4
	10'	< 4.8
	15'	< 4.0
	20'	< 4.1

Boring Number	Sample Depth	Chloroform
28J-4	0'	<4.9
	5'	8.5
	11'	14
	16'	17
	20'	15

Boring Number	Sample Depth	Chloroform
028J-K	5'	< 4.4
	10'	< 4.9
	15'	6
	20'	7.1

Boring Number	Sample Depth	Chloroform
28J-H	5'	<4.2
	10'	<4.8
	15'	9.2
	20'	15

Boring Number	Sample Depth	Chloroform
28J-A	5'	5
	10'	<4.8
	15'	13
	20'	21

Boring Number	Sample Depth	Chloroform
28J-3	0'	<5.0
	5'	<4.8
	10'	<4.9
	15'	<5.0
	20'	14

Boring Number	Sample Depth	Chloroform
28J-E	5'	5.3
	10'	6.1
	15'	21
	20'	31

Boring Number	Sample Depth	Chloroform
28J-B	5'	5.8
	10'	5.3
	15'	18
	20'	21

Boring Number	Sample Depth	Chloroform
28J-J	5'	<4.0
	10'	<4.4
	15'	7.6
	20'	9.7

Boring Number	Sample Depth	Chloroform
28J-2	0'	<4.9
	5'	<4.8
	10'	<4.9
	15'	<5.0
	20'	<4.9

Boring Number	Sample Depth	Chloroform
28J-I	5'	<3.8
	10'	<5.9
	15'	<4.0
	20'	<4.3

Boring Number	Sample Depth	Chloroform
TR-9	~4.5'	<4.9

Boring Number	Sample Depth	Chloroform
28J-1	0'	<4.9
	5'	<5.0
	10'	<4.9
	15'	<4.9
	20'	<4.9

Boring Number	Sample Depth	Chloroform
28J-8	0'	<4.9
	5'	<5.0
	10'	<4.8
	15'	8.7
	20'	10

Boring Number	Sample Depth	Chloroform
28J-5	0'	<4.9
	5'	<5.0
	10'	<5.0
	16'	5.7
	20'	<4.9

Boring Number	Sample Depth	Chloroform
WV-03-1	5'	<4.8

Boring Number	Sample Depth	Chloroform
28J-F	5'	<8.5
	10'	<8.2
	15'	16
	20'	10

Boring Number	Sample Depth	Chloroform
28J-7	0'	<4.9
	5'	<4.8
	10'	<5.0
	15'	7.2
	20'	10

Boring Number	Sample Depth	Chloroform
WV-03-2	5'	<4.9

Boring Number	Sample Depth	Chloroform
28J-6	0'	<4.9
	5'	<5.0
	10'	<5.0
	15'	<5.0
	20'	<4.9

EXPLANATION:

- Approximate Soil Boring Location (0-20 feet) (09/06)
- Surveyed Soil Boring Location (0-20 feet) (12/06)
- Approximate Soil Sample Location (4-5 feet)
- Surveyed Soil Boring Location (0-25 feet) (01/07)
- Section of Trench Previously Removed

Notes:

1. Results shown in microgram per kilogram (µg/kg).
2. Yellow highlighted text indicates the concentration of chloroform in soil exceeds the lowest residential risk-based target concentration (RBTC) of 8.7 µg/kg.

N

0 25

SCALE IN FEET

ENVIRON

Soil Sample Locations and Chloroform Results in the Former Building 028J Area
Hitachi GST
San Jose, California

DATE:	CONTRACT NUMBER:		FIGURE
6/17/07	03-11903E		11
DRAFTER: RS	APPROVED:	REVISED:	

0311903e-b028-28j-exceed-gw-chem.dwg