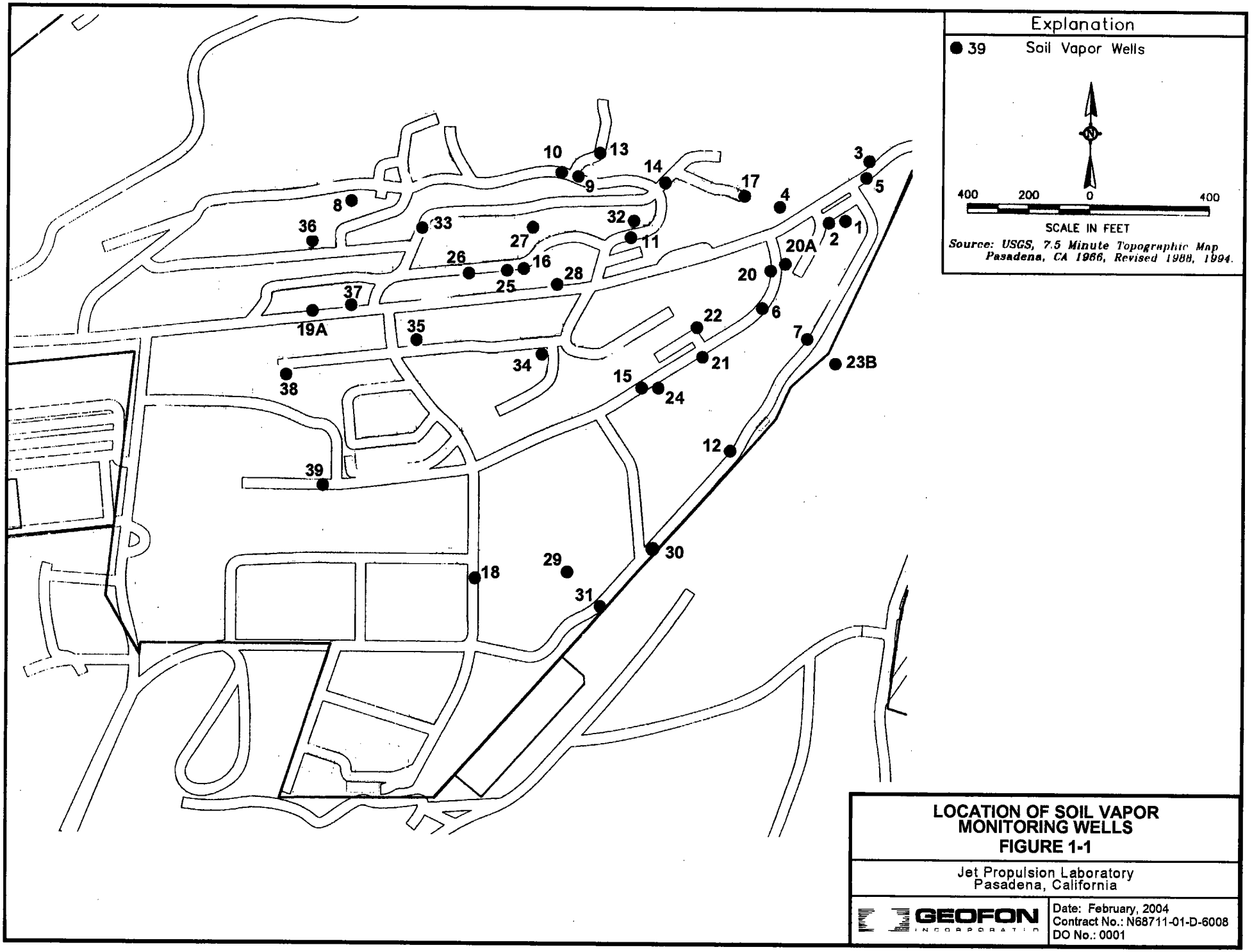
FIGURES


Explanation
39 Soil Vapor Wells
N
400 200 0 400
SCALE IN FEET
Source: USGS, 7.5 Minute Topographic Map Pasadena, CA 1966, Revised 1988, 1994.
1
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15
16
17
18
19A
20
20A
21
22
23B
24
25
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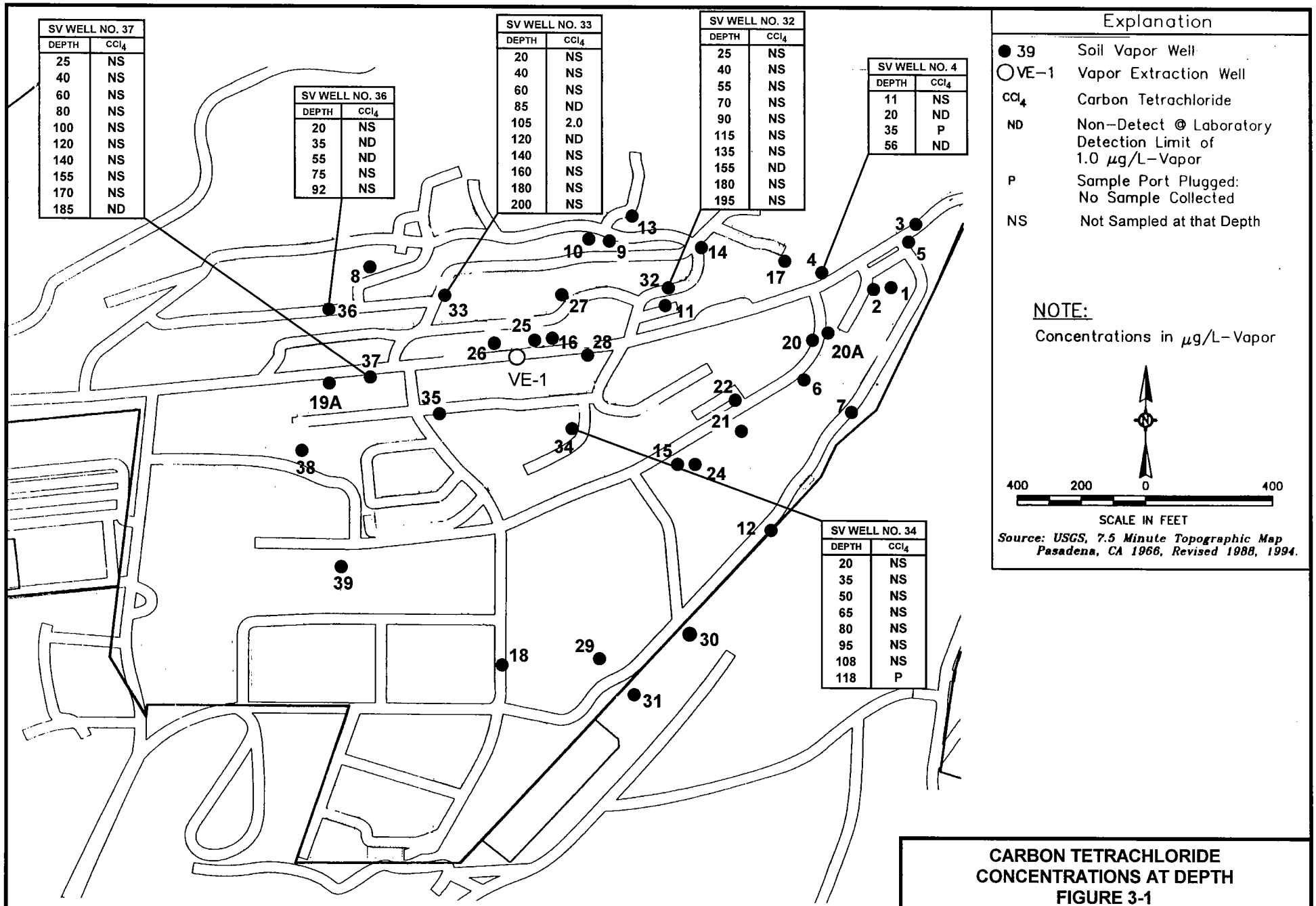
36
37
38
39
LOCATION OF SOIL VAPOR MONITORING WELLS
FIGURE 1-1
Jet Propulsion Laboratory
Pasadena, California
GEOFON INCORPORATED
Date: February, 2004
Contract No.: N68711-01-D-6008
DO No.: 0001



SV WELL NO. 37	
DEPTH	CCl_4
25	NS
40	NS
60	NS
80	NS
100	NS
120	NS
140	NS
155	NS
170	NS
185	ND

SV WELL NO. 36	
DEPTH	CCl_4
20	NS
35	ND
55	ND
75	NS
92	NS

SV WELL NO. 33	
DEPTH	CCl_4
20	NS
40	NS
60	NS
85	ND
105	2.0
120	ND
140	NS
160	NS
180	NS
200	NS

SV WELL NO. 32	
DEPTH	CCl_4
25	NS
40	NS
55	NS
70	NS
90	NS
115	NS
135	NS
155	ND
180	NS
195	NS

SV WELL NO. 4	
DEPTH	CCl_4
11	NS
20	ND
35	P
56	ND

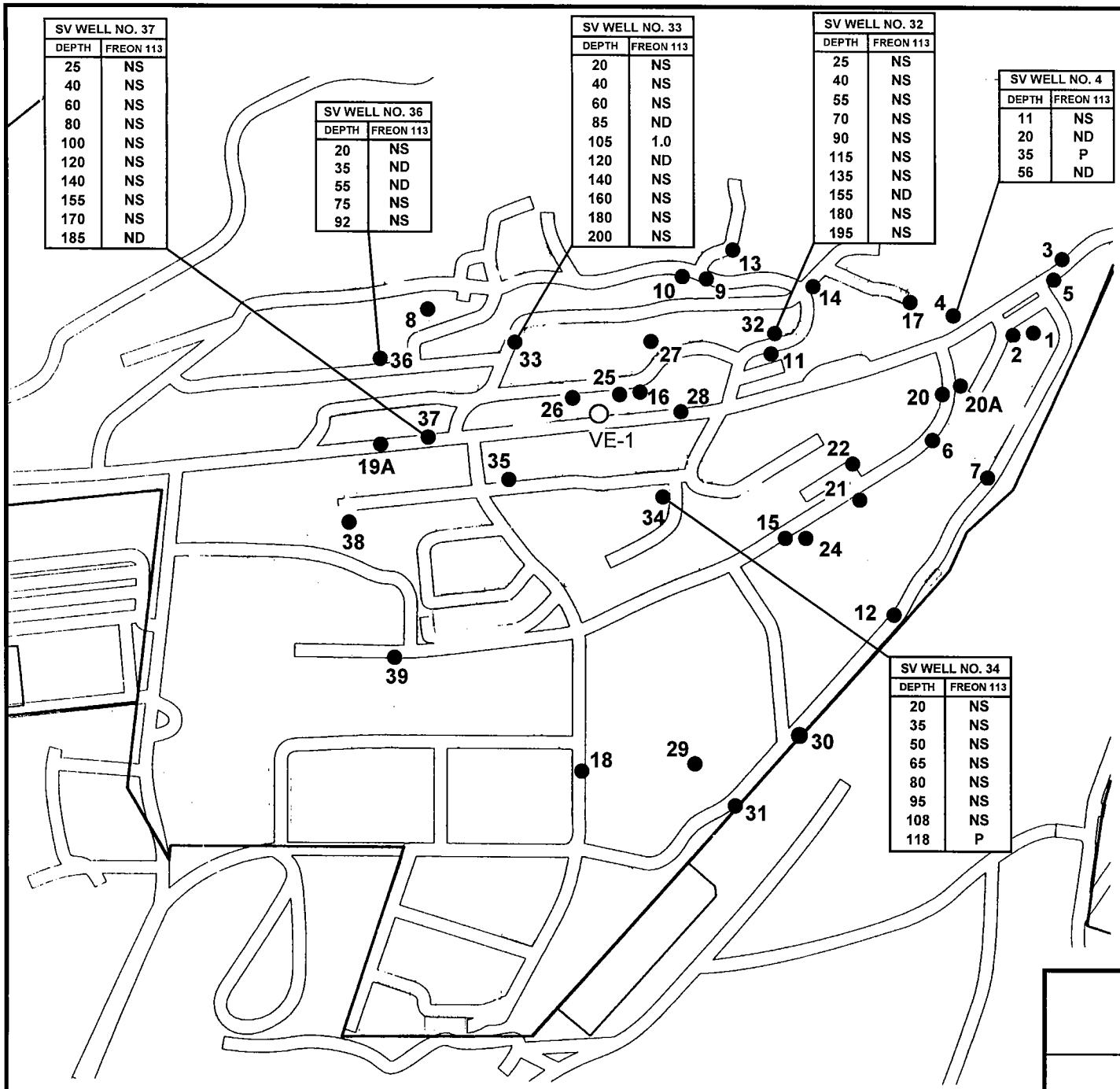
SV WELL NO. 34	
DEPTH	CCl_4
20	NS
35	NS
50	NS
65	NS
80	NS
95	NS
108	NS
118	P

CARBON TETRACHLORIDE CONCENTRATIONS AT DEPTH
FIGURE 3-1

Jet Propulsion Laboratory
Pasadena, California

GEOFON INCORPORATED

Date: February, 2004
Contract No.: N68711-01-D-6008
DO No.: 0001



SV WELL NO. 37	
DEPTH	FREON 113
25	NS
40	NS
60	NS
80	NS
100	NS
120	NS
140	NS
155	NS
170	NS
185	ND

SV WELL NO. 36	
DEPTH	FREON 113
20	NS
35	ND
55	ND
75	NS
92	NS

SV WELL NO. 33	
DEPTH	FREON 113
20	NS
40	NS
60	NS
85	ND
105	1.0
120	ND
140	NS
160	NS
180	NS
200	NS

SV WELL NO. 32	
DEPTH	FREON 113
25	NS
40	NS
55	NS
70	NS
90	NS
115	NS
135	NS
155	ND
180	NS
195	NS

SV WELL NO. 4	
DEPTH	FREON 113
11	NS
20	ND
35	P
56	ND

SV WELL NO. 34	
DEPTH	FREON 113
20	NS
35	NS
50	NS
65	NS
80	NS
95	NS
108	NS
118	P

Explanation

● 39	Soil Vapor Well
○ VE-1	Vapor Extraction Well
ND	Non-Detect @ Laboratory Detection Limit of 1.0 μg/L-Vapor
P	Sample Port Plugged: No Sample Collected
NS	Not Sampled at that Depth

NOTE:

Concentrations in μg/L-Vapor

N

400 200 0 400

SCALE IN FEET

Source: USGS, 7.5 Minute Topographic Map Pasadena, CA 1966, Revised 1988, 1994.

FREON 113
CONCENTRATIONS AT DEPTH
FIGURE 3-2

Jet Propulsion Laboratory
Pasadena, California

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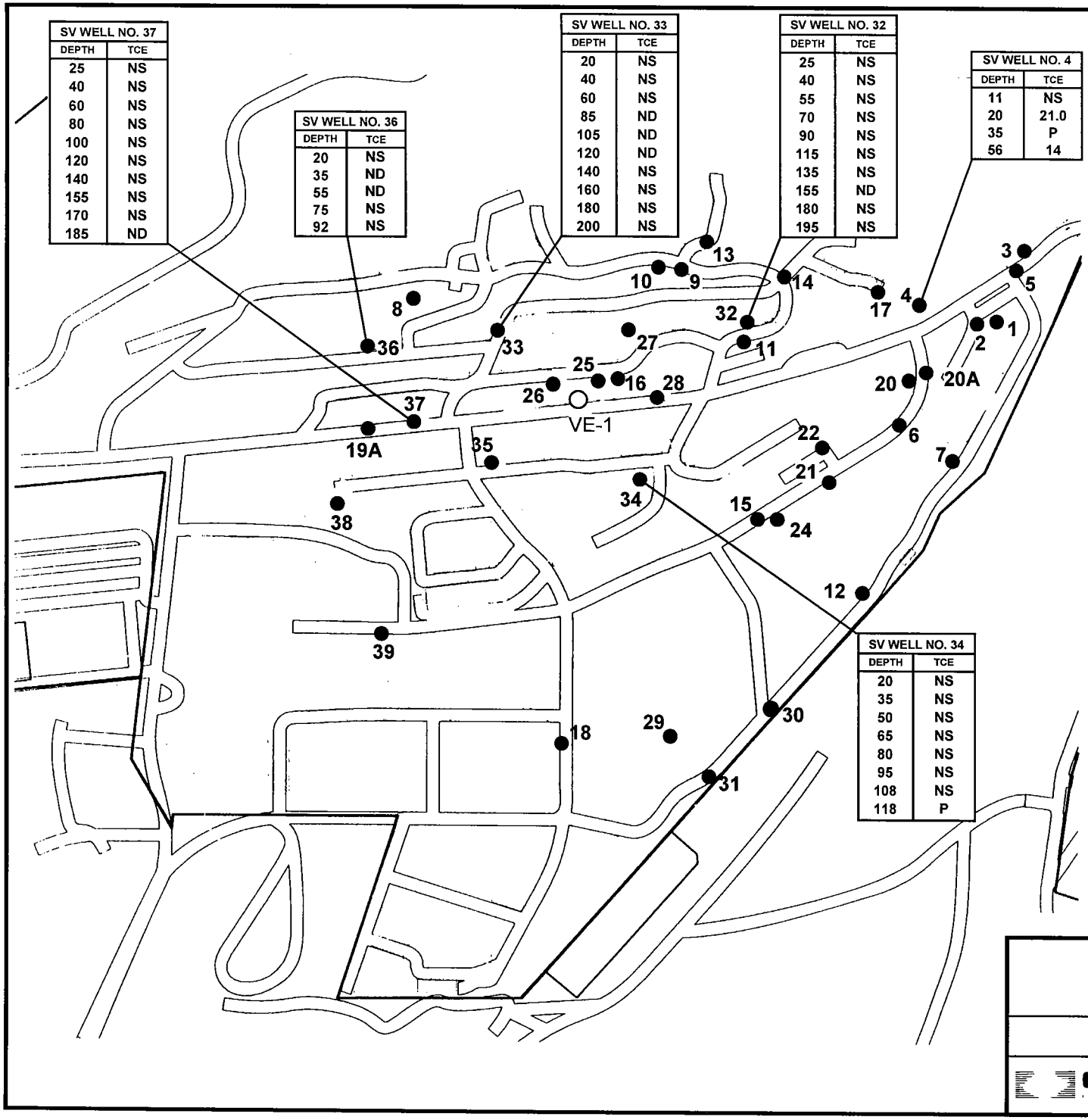
DO No.: 0001



SV WELL NO. 37	
DEPTH	TCE
25	NS
40	NS
60	NS
80	NS
100	NS
120	NS
140	NS
155	NS
170	NS
185	ND

SV WELL NO. 36	
DEPTH	TCE
20	NS
35	ND
55	ND
75	NS
92	NS

SV WELL NO. 33	
DEPTH	TCE
20	NS
40	NS
60	NS
85	ND
105	ND
120	ND
140	NS
160	NS
180	NS
200	NS

SV WELL NO. 32	
DEPTH	TCE
25	NS
40	NS
55	NS
70	NS
90	NS
115	NS
135	NS
155	ND
180	NS
195	NS

SV WELL NO. 4	
DEPTH	TCE
11	NS
20	21.0
35	P
56	14

SV WELL NO. 34	
DEPTH	TCE
20	NS
35	NS
50	NS
65	NS
80	NS
95	NS
108	NS
118	P

Explanation

● 39	Soil Vapor Well
○ VE-1	Vapor Extraction Well
TCE	Trichloroethene
ND	Non-Detect @ Laboratory Detection Limit of 1.0 μg/L-Vapor
P	Sample Port Plugged: No Sample Collected
NS	Not Sampled at that Depth

NOTE:

Concentrations in μg/L-Vapor

N

400 200 0 400

SCALE IN FEET

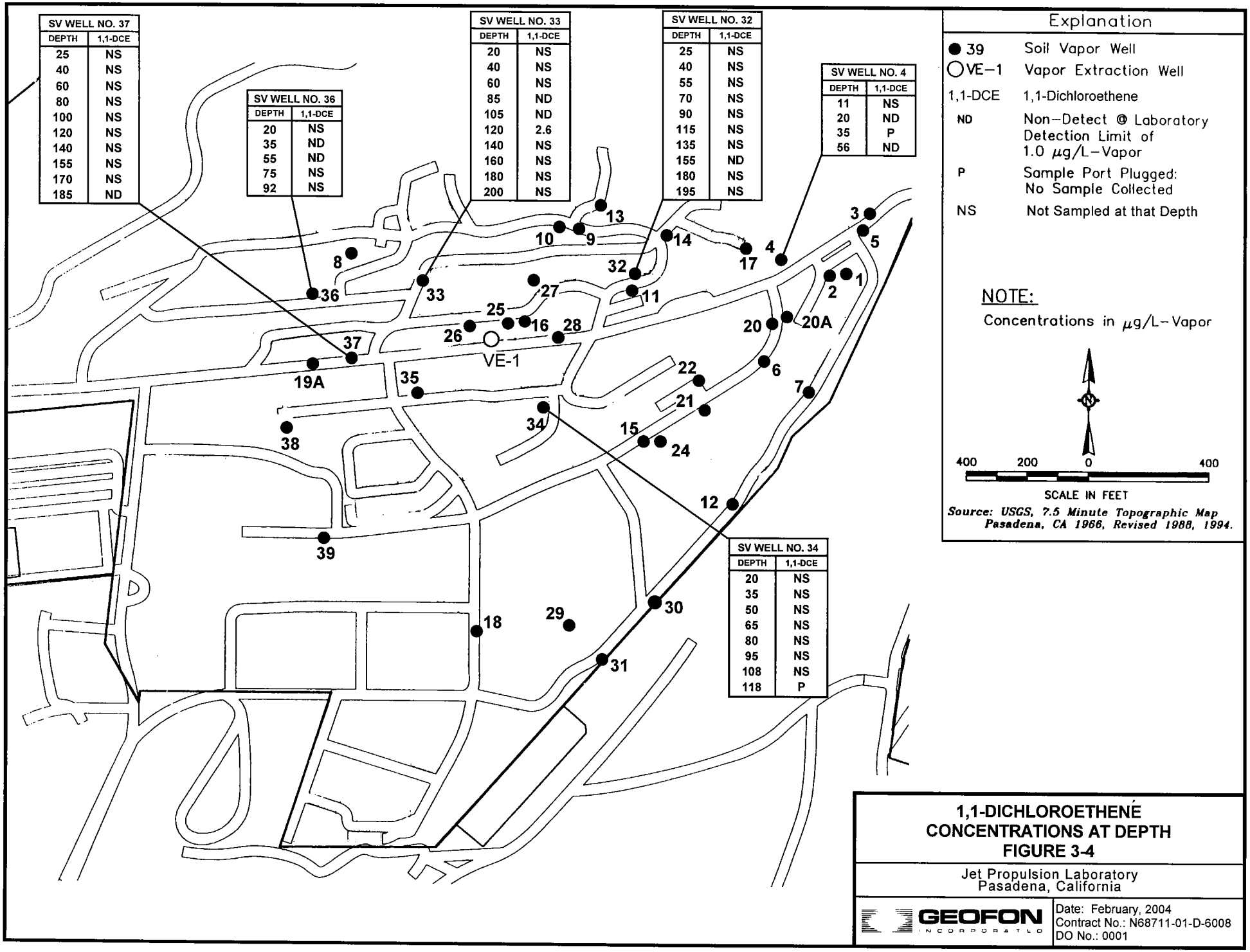
Source: USGS, 7.5 Minute Topographic Map Pasadena, CA 1966, Revised 1988, 1994.

TRICHLOROETHENE CONCENTRATIONS AT DEPTH
FIGURE 3-3

Jet Propulsion Laboratory
Pasadena, California

GEOFON INCORPORATED

Date: February, 2004
Contract No.: N68711-01-D-6008
DO No.: 0001

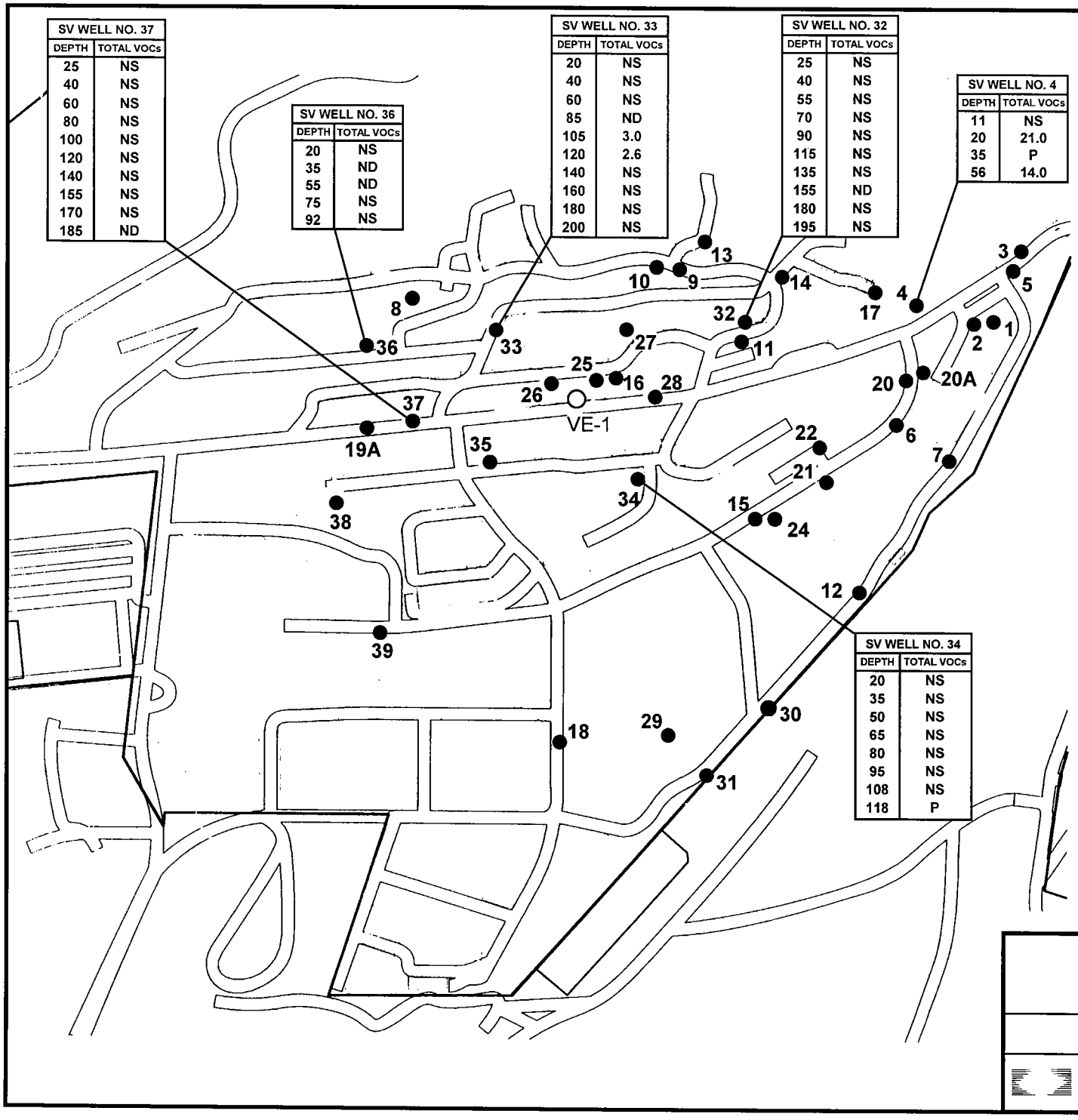


1,1-DICHLOROETHENE CONCENTRATIONS AT DEPTH
FIGURE 3-4

Jet Propulsion Laboratory
Pasadena, California

GEOFON INCORPORATED

Date: February, 2004
Contract No.: N68711-01-D-6008
DO No.: 0001



SV WELL NO. 37	
DEPTH	TOTAL VOCs
25	NS
40	NS
60	NS
80	NS
100	NS
120	NS
140	NS
155	NS
170	NS
185	ND

SV WELL NO. 36	
DEPTH	TOTAL VOCs
20	NS
35	ND
55	ND
75	NS
92	NS

SV WELL NO. 33	
DEPTH	TOTAL VOCs
20	NS
40	NS
60	NS
85	ND
105	3.0
120	2.6
140	NS
160	NS
180	NS
200	NS

SV WELL NO. 32	
DEPTH	TOTAL VOCs
25	NS
40	NS
55	NS
70	NS
90	NS
115	NS
135	NS
155	ND
180	NS
195	NS

SV WELL NO. 4	
DEPTH	TOTAL VOCs
11	NS
20	21.0
35	P
56	14.0

SV WELL NO. 34	
DEPTH	TOTAL VOCs
20	NS
35	NS
50	NS
65	NS
80	NS
95	NS
108	NS
118	P

Explanation

● 39	Soil Vapor Well
○ VE-1	Vapor Extraction Well
VOCs	Volatile Organic Compounds
ND	Non-Detect @ Laboratory Detection Limit of 1.0 μg/L-Vapor
P	Sample Port Plugged: No Sample Collected
NS	Not Sampled at that Depth

NOTE:

Concentrations in μg/L-Vapor

400 200 0 400

SCALE IN FEET

Source: USGS, 7.5 Minute Topographic Map Pasadena, CA 1966, Revised 1988, 1994.

TOTAL VOC CONCENTRATIONS AT DEPTH
FIGURE 3-5

Jet Propulsion Laboratory
Pasadena, California

GEOFON INCORPORATED

Date: February, 2004
Contract No.: N68711-01-D-6008
DO No.: 0001