

Engineering Sciences

JUL 6 '78

Branch Library

Physical Modeling of Atmospheric Transport
of Stack Emissions at Kahe Electrical
Generating Plant, Oahu, Hawaii

VOLUME III

Appendix B
Surface Concentration Data

by

J. E. Cermak* and D. G. Mutter**

Prepared for

Stearns-Roger, Inc.
Denver, Colorado

Fluid Dynamics and Diffusion Laboratory
Fluid Mechanics and Wind Engineering Program
Colorado State University
Fort Collins, Colorado 80523



U18401 0074899

April 3, 1978

CER77-78JEC-DGM28c

*Director, Fluid Dynamics and Diffusion Laboratory

**Graduate Research Assistant, Department of Civil Engineering

TABLE OF CONTENTS

Test Conditions and Units Operating*

<u>WD</u>	<u>OL</u>	<u>AV</u>	<u>UNITS</u>	<u>SH</u>	<u>Figure</u>
63°	100	6.7	1-4	45	B-1
63°	100	6.7	5	91.5	B-2
63°	100	13.4	1-4	45	B-3
63°	100	13.4	5	91.5	B-4
63°	75	6.7	1-4	45	B-5
63°	75	6.7	5	91.5	B-6
63°	75	13.4	1-4	45	B-7
63°	75	13.4	5	91.5	B-8
63°	100	6.7	6	91.5	B-9
63°	100	6.7	7	91.5	B-10
63°	100	6.7	8	91.5	B-11
63°	100	6.7	1C**	91.5	B-12
63°	100	13.4	6	91.5	B-13
63°	100	13.4	7	91.5	B-14
63°	100	13.4	8	91.5	B-15
63°	100	13.4	1C	91.5	B-16
63°	75	6.7	6	91.5	B-17
63°	75	6.7	7	91.5	B-18
63°	75	6.7	8	91.5	B-19
63°	75	6.7	1C	91.5	B-20
63°	75	13.4	6	91.5	B-21
63°	75	13.4	7	91.5	B-22
63°	75	13.4	8	91.5	B-23
63°	75	13.4	1C	91.5	B-24
63°	100	6.7	6	137	B-25
63°	100	6.7	7	137	B-26
63°	100	6.7	8	137	B-27
63°	100	6.7	1C	137	B-28
63°	100	13.4	6	137	B-29
63°	100	13.4	7	137	B-30
63°	100	13.4	8	137	B-31
63°	100	13.4	1C	137	B-32
63°	75	6.7	6	137	B-33
63°	75	6.7	7	137	B-34
63°	75	6.7	8	137	B-35
63°	75	6.7	1C	137	B-36
63°	75	13.4	6	137	B-37
63°	75	13.4	7	137	B-38
63°	75	13.4	8	137	B-39
63°	75	13.4	1C	137	B-40

*LEGEND:

WD = Wind direction

OL = Operating level (%)

AV = Approach velocity (m/s)

UNITS = Operating units

SH = Stack height (m)

**1C--separate stacks for units 1,2,3 and 4 combined into a single stack

<u>WD</u>	<u>OL</u>	<u>AV</u>	<u>UNITS</u>	<u>SH</u>	<u>Figure</u>
63°	100	6.7	6	183	B-41
63°	100	6.7	7	183	B-42
63°	100	6.7	8	183	B-43
63°	100	6.7	1C	183	B-44
63°	100	13.4	6	183	B-45
63°	100	13.4	7	183	B-46
63°	100	13.4	8	183	B-47
63°	100	13.4	1C	183	B-48
153°	100	6.7	1-4	45	B-49
153°	100	6.7	5	91.5	B-50
153°	100	13.4	1-4	45	B-51
153°	100	13.4	5	91.5	B-52
153°	75	6.7	1-4	45	B-53
153°	75	6.7	5	91.5	B-54
153°	75	13.4	1-4	45	B-55
153°	75	13.4	5	91.5	B-56
153°	100	6.7	6	91.5	B-57
153°	100	6.7	7	91.5	B-58
153°	100	6.7	8	91.5	B-59
153°	100	6.7	1C	91.5	B-60
153°	100	13.4	6	91.5	B-61
153°	100	13.4	7	91.5	B-62
153°	100	13.4	8	91.5	B-63
153°	100	13.4	1C	91.5	B-64
153°	75	6.7	6	91.5	B-65
153°	75	6.7	7	91.5	B-66
153°	75	6.7	8	91.5	B-67
153°	75	6.7	1C	91.5	B-68
153°	75	13.4	6	91.5	B-69
153°	75	13.4	7	91.5	B-70
153°	75	13.4	8	91.5	B-71
153°	75	13.4	1C	91.5	B-72
153°	100	6.7	6	137	B-73
153°	100	6.7	7	137	B-74
153°	100	6.7	8	137	B-75
153°	100	6.7	1C	137	B-76
153°	100	13.4	6	137	B-77
153°	100	13.4	7	137	B-78
153°	100	13.4	8	137	B-79
153°	100	13.4	1C	137	B-80
153°	100	6.7	6	183	B-81
153°	100	6.7	7	183	B-82
153°	100	6.7	8	183	B-83
153°	100	6.7	1C	183	B-84
153°	100	13.4	6	183	B-85
153°	100	13.4	7	183	B-86
153°	100	13.4	8	183	B-87
153°	100	13.4	1C	183	B-88
180°	100	6.7	1-4	45	B-89
180°	100	6.7	5	91.5	B-90

Figure

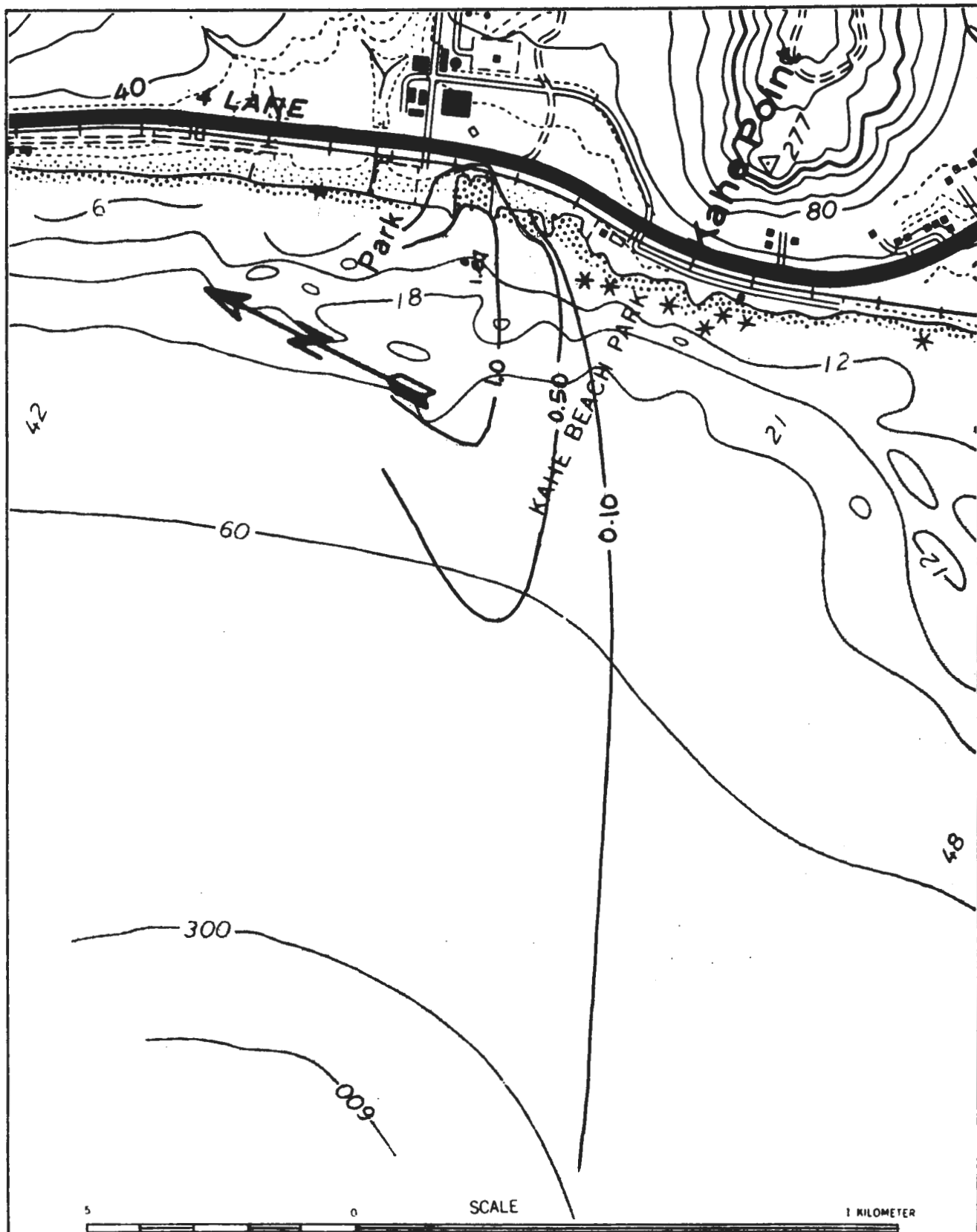
<u>WD</u>	<u>OL</u>	<u>AV</u>	<u>UNITS</u>	<u>SH</u>	
180°	100	13.4	1-4	45	B-91
180°	100	13.4	5	91.5	B-92
180°	75	6.7	1-4	45	B-93
180°	75	6.7	5	91.5	B-94
180°	75	13.4	1-4	45	B-95
180°	75	13.4	5	91.5	B-96
180°	100	6.7	6	91.5	B-97
180°	100	6.7	7	91.5	B-98
180°	100	6.7	8	91.5	B-99
180°	100	6.7	1C	91.5	B-100
180°	100	13.4	6	91.5	B-101
180°	100	13.4	7	91.5	B-102
180°	100	13.4	8	91.5	B-103
180°	100	13.4	1C	91.5	B-104
180°	75	6.7	6	91.5	B-105
180°	75	6.7	7	91.5	B-106
180°	75	6.7	8	91.5	B-107
180°	75	6.7	1C	91.5	B-108
180°	75	13.4	6	91.5	B-109
180°	75	13.4	7	91.5	B-110
180°	75	13.4	8	91.5	B-111
180°	75	13.4	1C	91.5	B-112
180°	100	6.7	6	137	B-113
180°	100	6.7	7	137	B-114
180°	100	6.7	8	137	B-115
180°	100	6.7	1C	137	B-116
180°	100	13.4	6	137	B-117
180°	100	13.4	7	137	B-118
180°	100	13.4	8	137	B-119
180°	100	13.4	1C	137	B-120
180°	100	6.7	6	183	B-121
180°	100	6.7	7	183	B-122
180°	100	6.7	8	183	B-123
180°	100	6.7	1C	183	B-124
180°	100	13.4	6	183	B-125
180°	100	13.4	7	183	B-126
180°	100	13.4	8	183	B-127
180°	100	13.4	1C	183	B-128
243°	100	6.7	1-4	45	B-129
243°	100	6.7	5	91.5	B-130
243°	100	13.4	1-4	45	B-131
243°	100	13.4	5	91.5	B-132
243°	75	6.7	1-4	45	B-133
243°	75	6.7	5	91.5	B-134
243°	75	13.4	1-4	45	B-135
243°	75	13.4	5	91.5	B-136
243°	100	6.7	6	91.5	B-137
243°	100	6.7	7	91.5	B-138
243°	100	6.7	8	91.5	B-139
243°	100	6.7	1C	91.5	B-140

					<u>Figure</u>
<u>WD</u>	<u>OL</u>	<u>AV</u>	<u>UNITS</u>	<u>SH</u>	
243°	100	13.4	6	91.5	B-141
243°	100	13.4	7	91.5	B-142
243°	100	13.4	8	91.5	B-143
243°	100	13.4	1C	91.5	B-144
243°	75	6.7	6	91.5	B-145
243°	75	6.7	7	91.5	B-146
243°	75	6.7	8	91.5	B-147
243°	75	6.7	1C	91.5	B-148
243°	75	13.4	6	91.5	B-149
243°	75	13.4	7	91.5	B-150
243°	75	13.4	8	91.5	B-151
243°	75	13.4	1C	91.5	B-152
243°	100	6.7	6	137	B-153
243°	100	6.7	7	137	B-154
243°	100	6.7	8	137	B-155
243°	100	6.7	1C	137	B-156
243°	100	13.4	6	137	B-157
243°	100	13.4	7	137	B-158
243°	100	13.4	8	137	B-159
243°	100	13.4	1C	137	B-160
243°	100	6.7	6	183	B-161
243°	100	6.7	7	183	B-162
243°	100	6.7	8	183	B-163
243°	100	6.7	1C	183	B-164
243°	100	13.4	6	183	B-165
243°	100	13.4	7	183	B-166
243°	100	13.4	8	183	B-167
243°	100	13.4	1C	183	B-168
333°	100	6.7	1-4	45	B-169
333°	100	6.7	5	91.5	B-170
333°	100	13.4	1-4	45	B-171
333°	100	13.4	5	91.5	B-172
333°	75	6.7	1-4	45	B-173
333°	75	6.7	5	91.5	B-174
333°	75	13.4	1-4	45	B-175
333°	75	13.4	5	91.5	B-176
333°	100	6.7	6	91.5	B-177
333°	100	6.7	7	91.5	B-178
333°	100	6.7	8	91.5	B-179
333°	100	6.7	1C	91.5	B-180
333°	100	13.4	6	91.5	B-181
333°	100	13.4	7	91.5	B-182
333°	100	13.4	8	91.5	B-183
333°	100	13.4	1C	91.5	B-184
333°	75	6.7	6	91.5	B-185
333°	75	6.7	7	91.5	B-186
333°	75	6.7	8	91.5	B-187
333°	75	6.7	1C	91.5	B-188
333°	75	13.4	6	91.5	B-189
333°	75	13.4	7	91.5	B-190
333°	75	13.4	8	91.5	B-191

Figure

<u>WD</u>	<u>OL</u>	<u>AV</u>	<u>UNITS</u>	<u>SH</u>	
333°	75	13.4	1C	91.5	B-192
333°	100	6.7	6	137	B-193
333°	100	6.7	7	137	B-194
333°	100	6.7	8	137	B-195
333°	100	6.7	1C	137	B-196
333°	100	13.4	6	137	B-197
333°	100	13.4	7	137	B-198
333°	100	13.4	8	137	B-199
333°	100	13.4	1C	137	B-200
333°	100	6.7	6	183	B-201
333°	100	6.7	7	183	B-202
333°	100	6.7	8	183	B-203
333°	100	6.7	1C	183	B-204
333°	100	13.4	6	183	B-205
333°	100	13.4	7	183	B-206
333°	100	13.4	8	183	B-207
333°	100	13.4	1C	183	B-208
0°	100	6.7	1-4	45	B-209
0°	100	6.7	5	91.5	B-210
0°	100	13.4	1-4	45	B-211
0°	100	13.4	5	91.5	B-212
0°	75	6.7	1-4	45	B-213
0°	75	6.7	5	91.5	B-214
0°	75	13.4	1-4	45	B-215
0°	75	13.4	5	91.5	B-216
0°	100	6.7	6	91.5	B-217
0°	100	6.7	7	91.5	B-218
0°	100	6.7	8	91.5	B-219
0°	100	6.7	1C	91.5	B-220
0°	100	13.4	6	91.5	B-221
0°	100	13.4	7	91.5	B-222
0°	100	13.4	8	91.5	B-223
0°	100	13.4	1C	91.5	B-224
0°	75	6.7	6	91.5	B-225
0°	75	6.7	7	91.5	B-226
0°	75	6.7	8	91.5	B-227
0°	75	6.7	1C	91.5	B-228
0°	75	13.4	6	91.5	B-229
0°	75	13.4	7	91.5	B-230
0°	75	13.4	8	91.5	B-231
0°	75	13.4	1C	91.5	B-232
0°	100	6.7	6	137	B-233
0°	100	6.7	7	137	B-234
0°	100	6.7	8	137	B-235
0°	100	6.7	1C	137	B-236
0°	100	13.4	6	137	B-237
0°	100	13.4	7	137	B-238
0°	100	13.4	8	137	B-239
0°	100	13.4	1C	137	B-240

<u>WD</u>	<u>OL</u>	<u>AV</u>	<u>UNITS</u>	<u>SH</u>	<u>Figure</u>
0°	100	6.7	6	183	B-241
0°	100	6.7	7	183	B-242
0°	100	6.7	8	183	B-243
0°	100	6.7	1C	183	B-244
0°	100	13.4	6	183	B-245
0°	100	13.4	7	183	B-246
0°	100	13.4	8	183	B-247
0°	100	13.4	1C	183	B-248

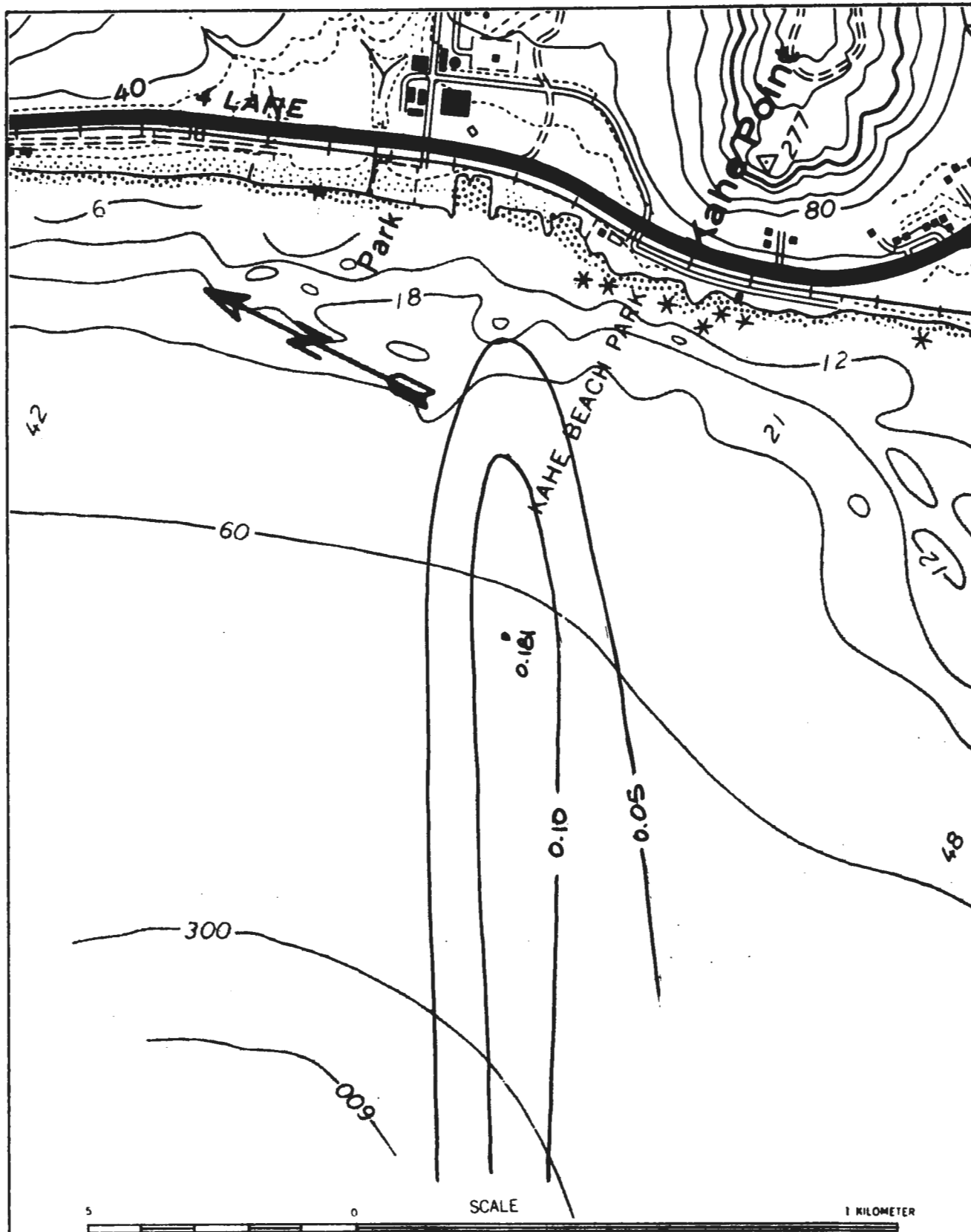


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B1
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 1

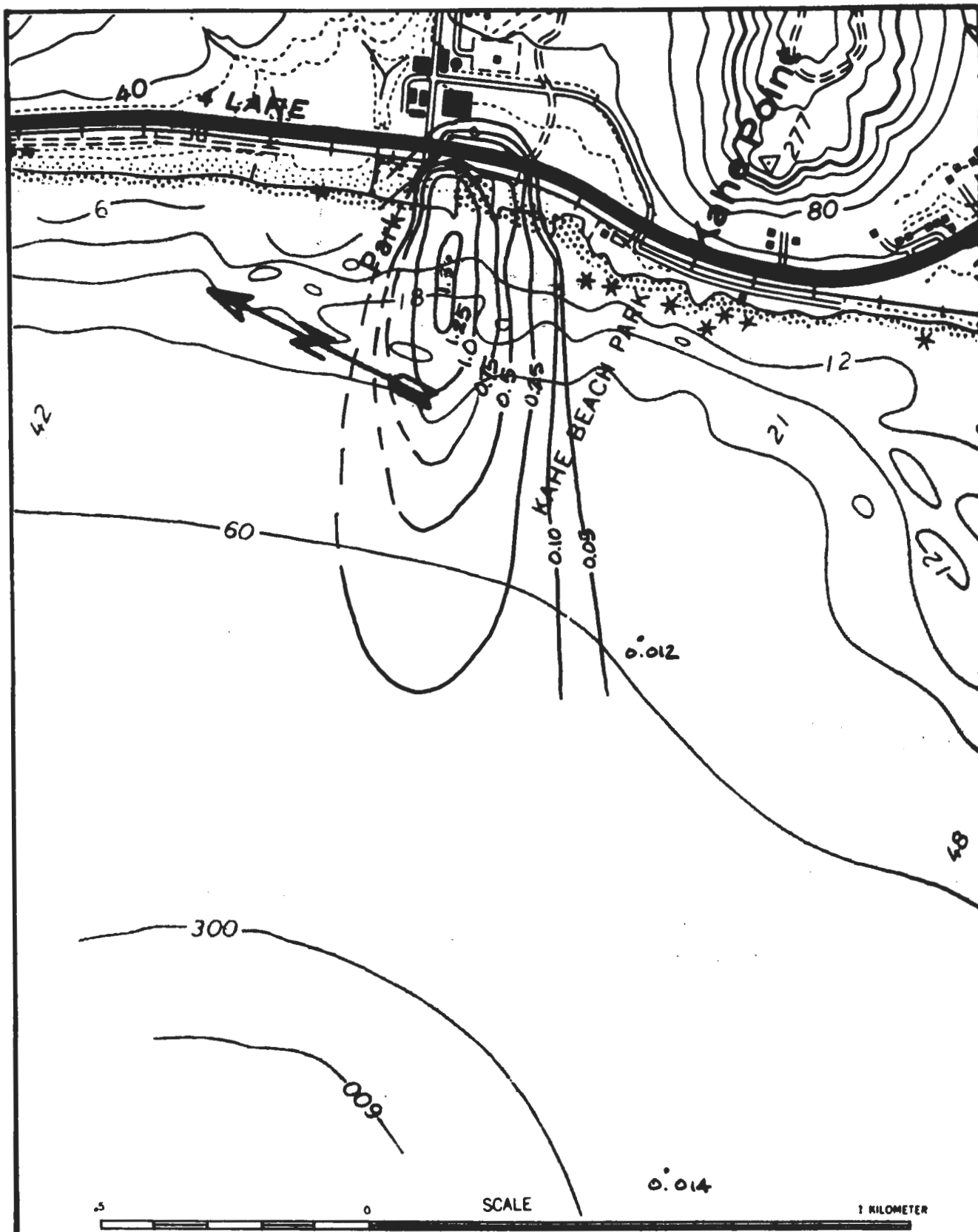


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B2
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 1

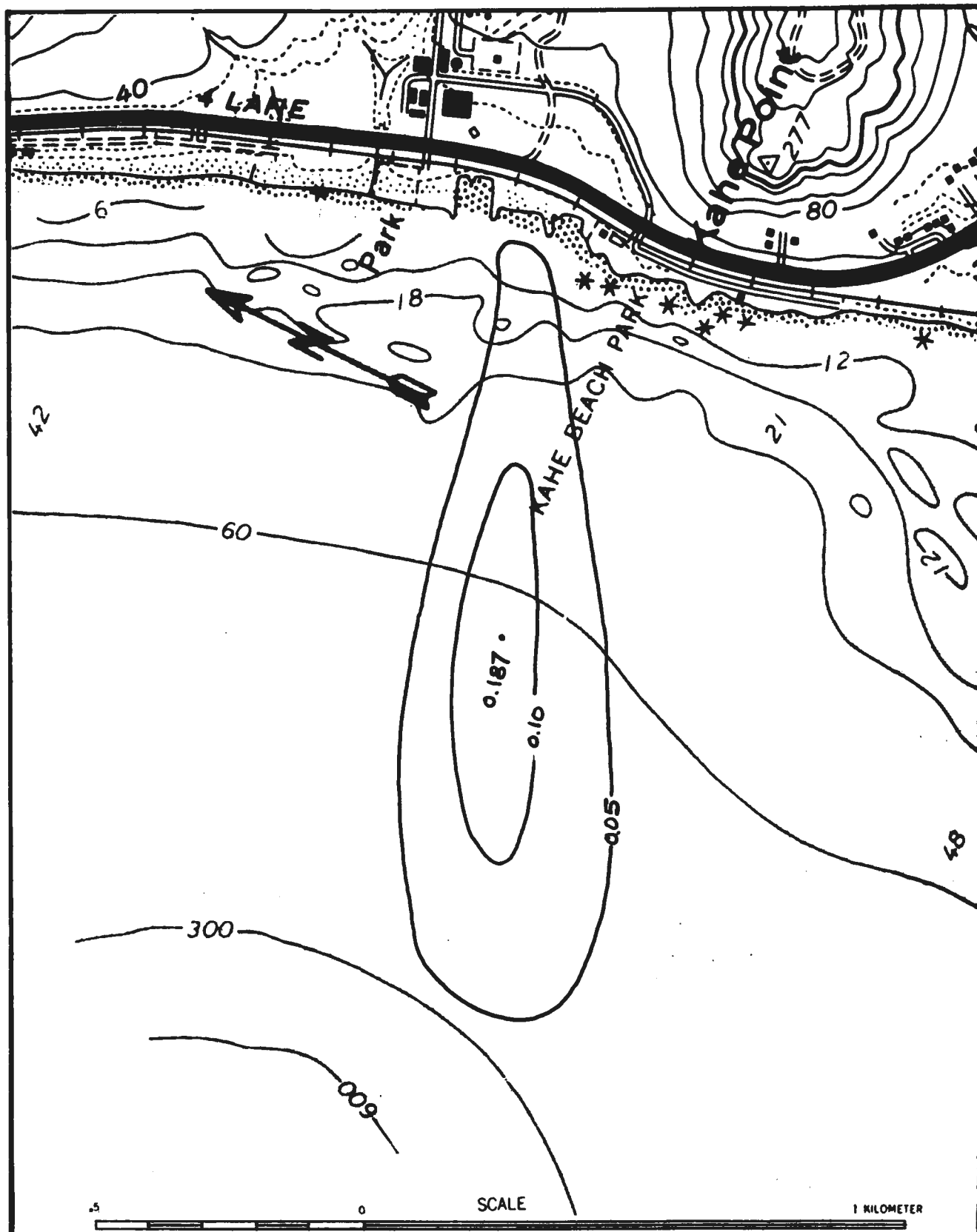


OPERATING CONDITIONS:

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B3
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 2

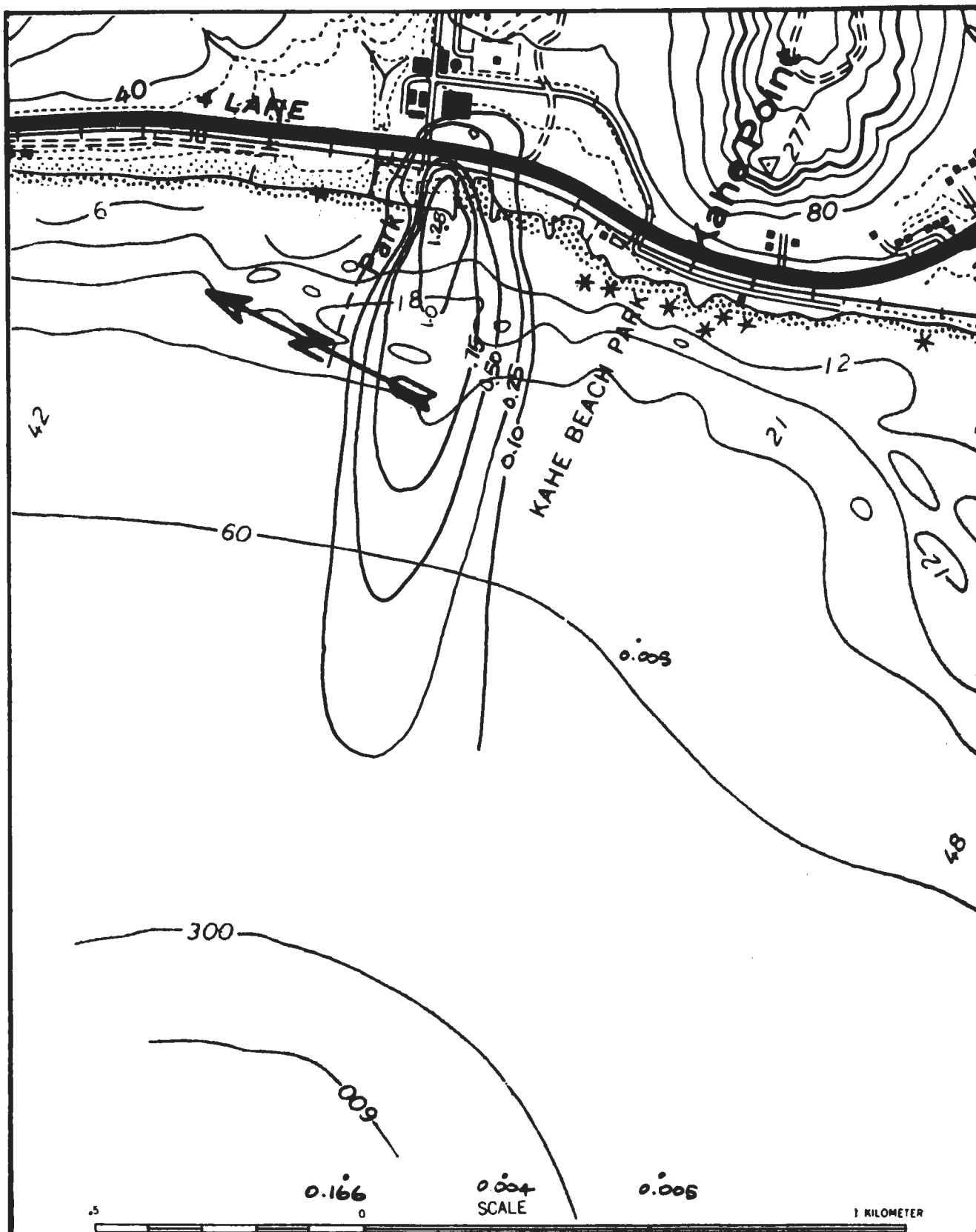


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 63°
 Velocity 13.4 m/s

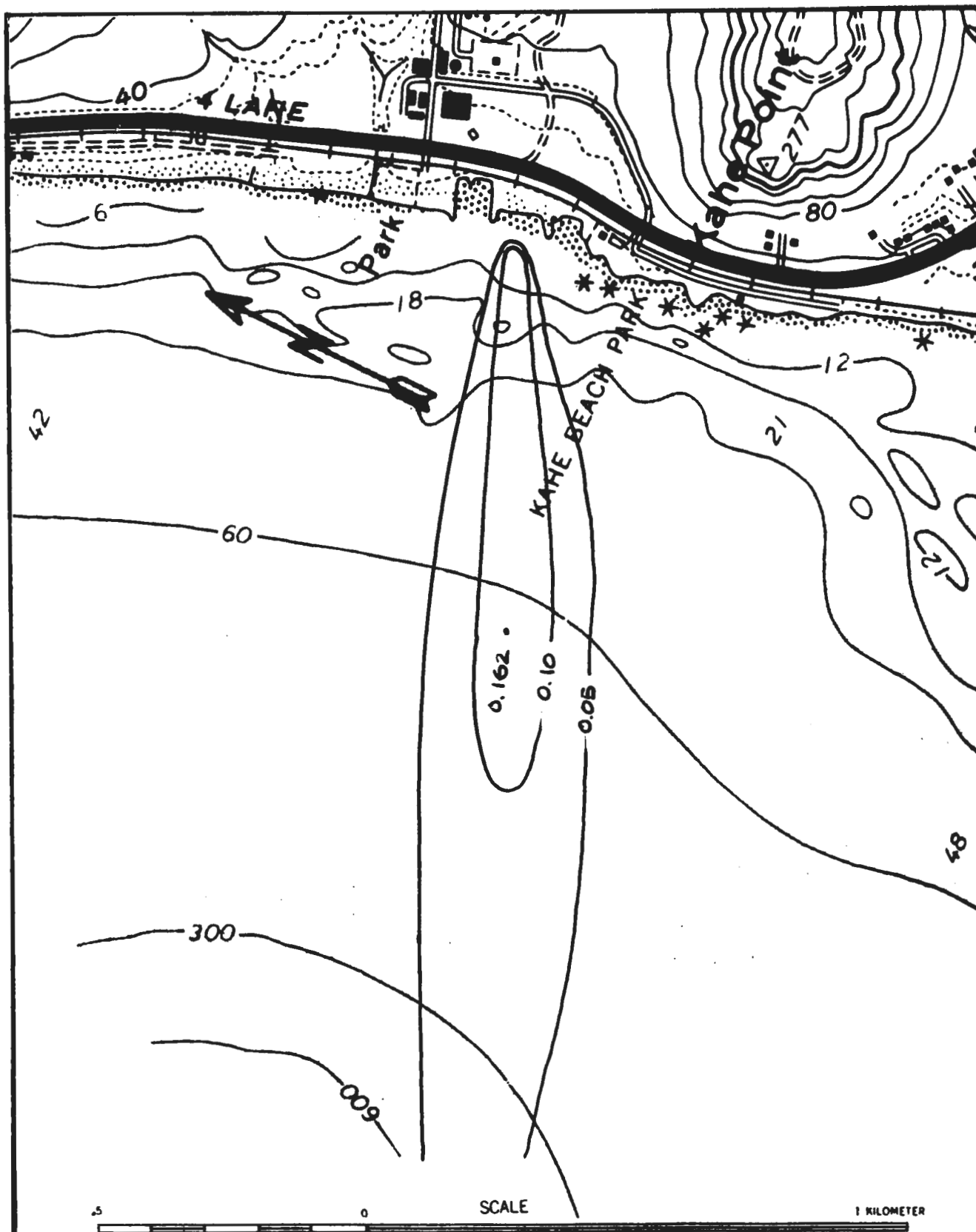
KAHE POWER PLANT Model Study

Figure B4
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 2



OPERATING CONDITIONS
 STACKS: Present 1-5
 Active 5
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study
 Figure B5
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 3

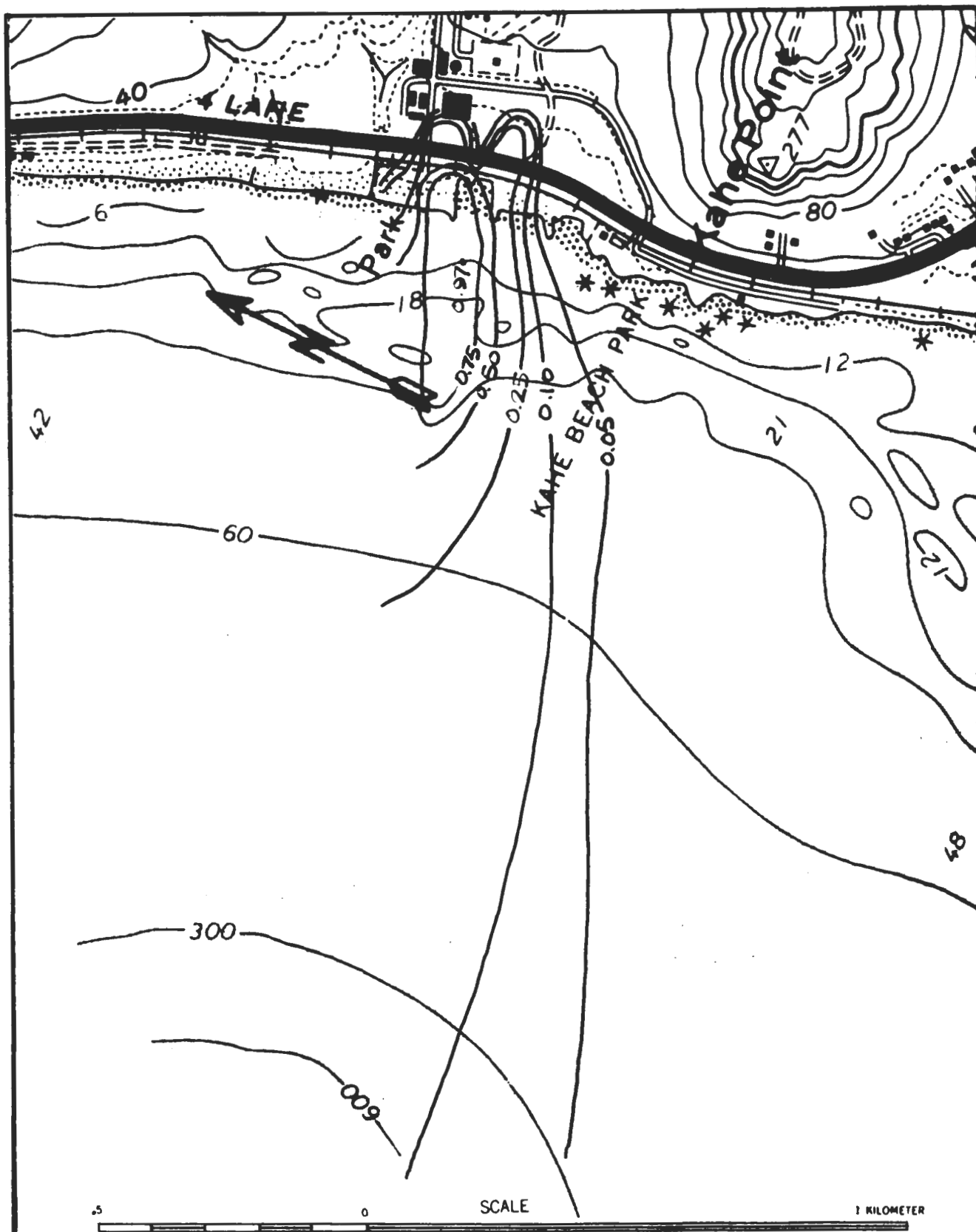


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 63°
 Velocity 6.7 m/s

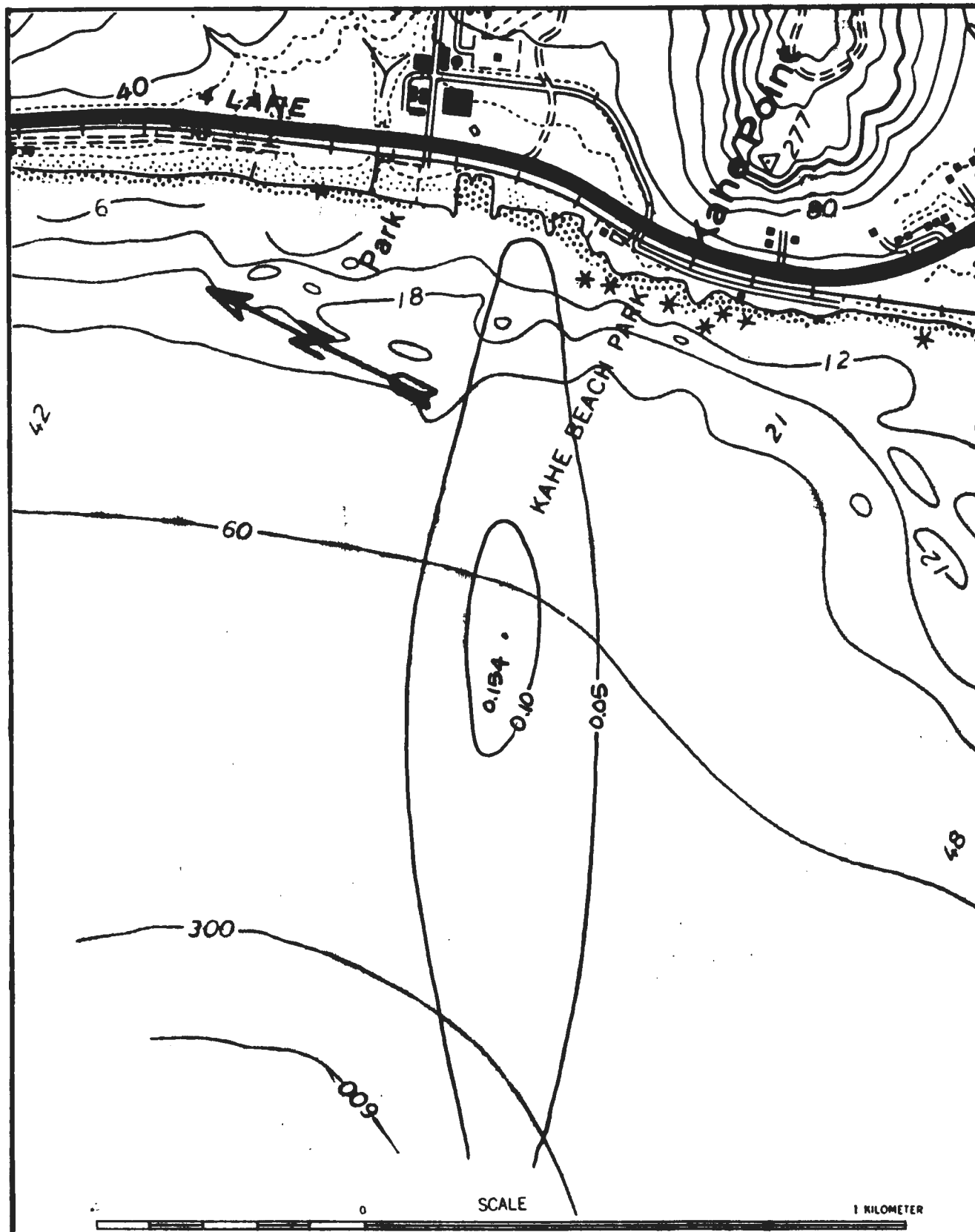
KAHE POWER PLANT Model Study

Figure B6
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 3



OPERATING CONDITIONS
 STACKS: Present 1-5
 Active 1-4
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study
 Figure B7
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 4

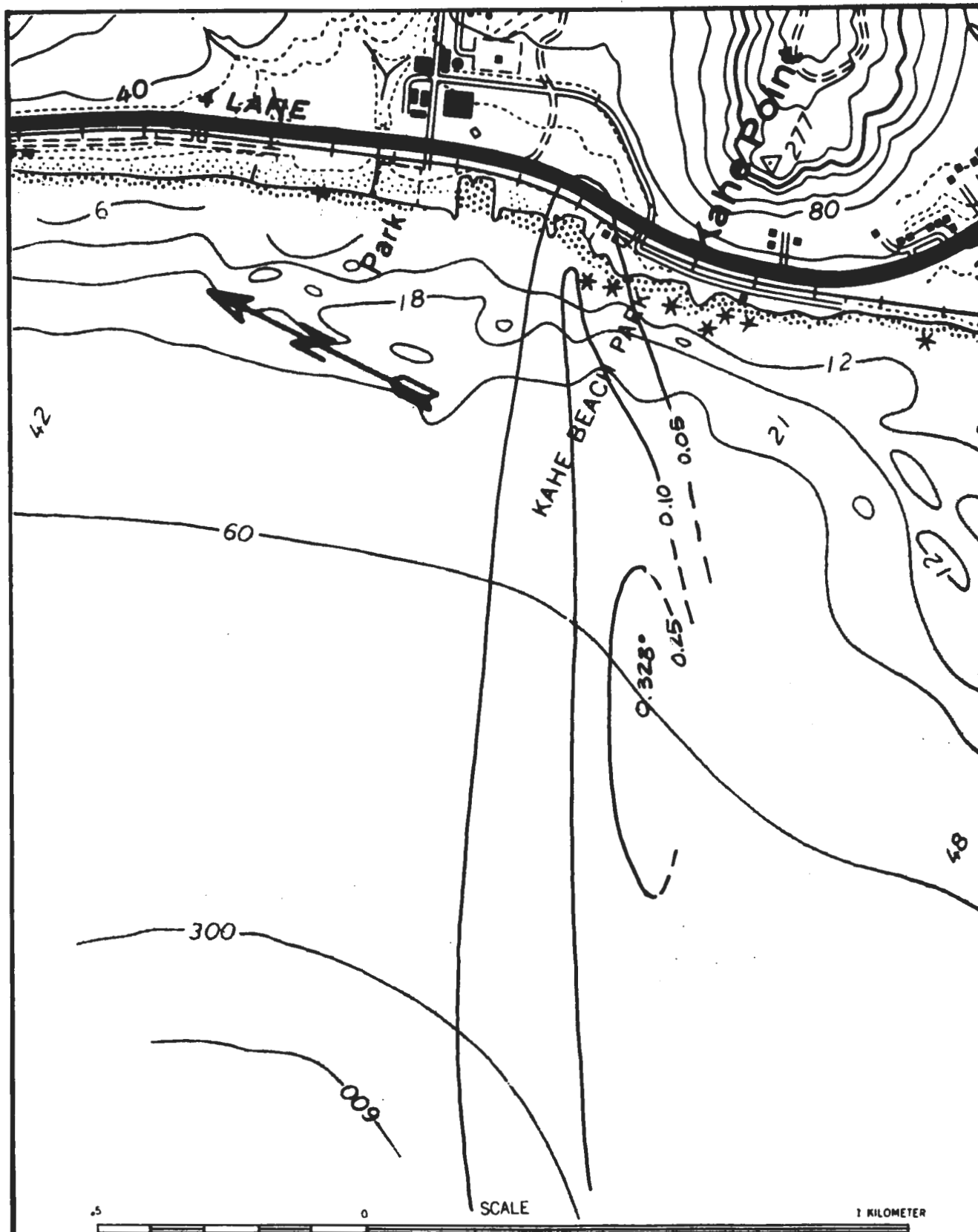


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND Direction 63°
 Velocity 13.4 m/s

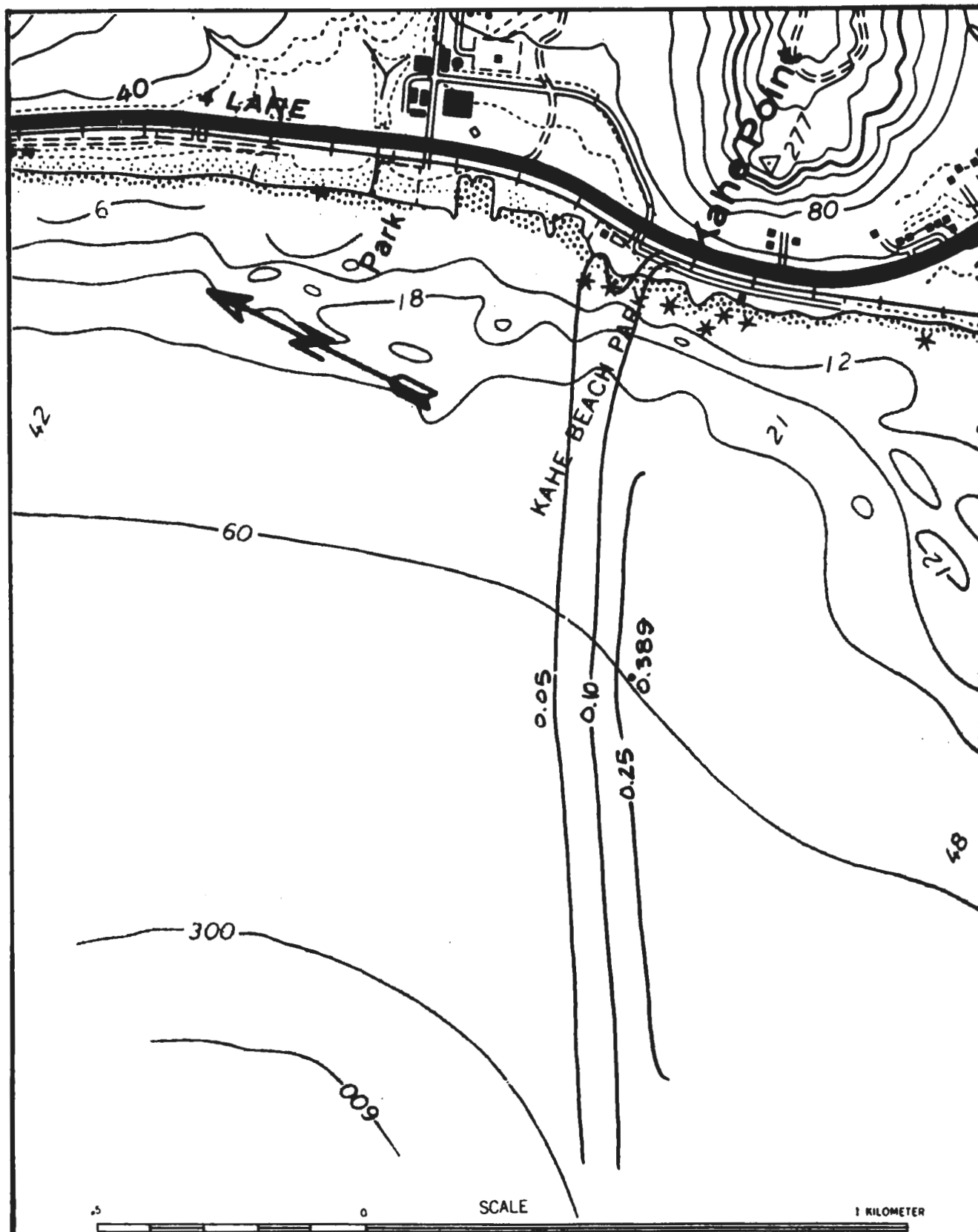
KAHE POWER PLANT Model Study

Figure B8
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 4



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study
 Figure B9
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 5

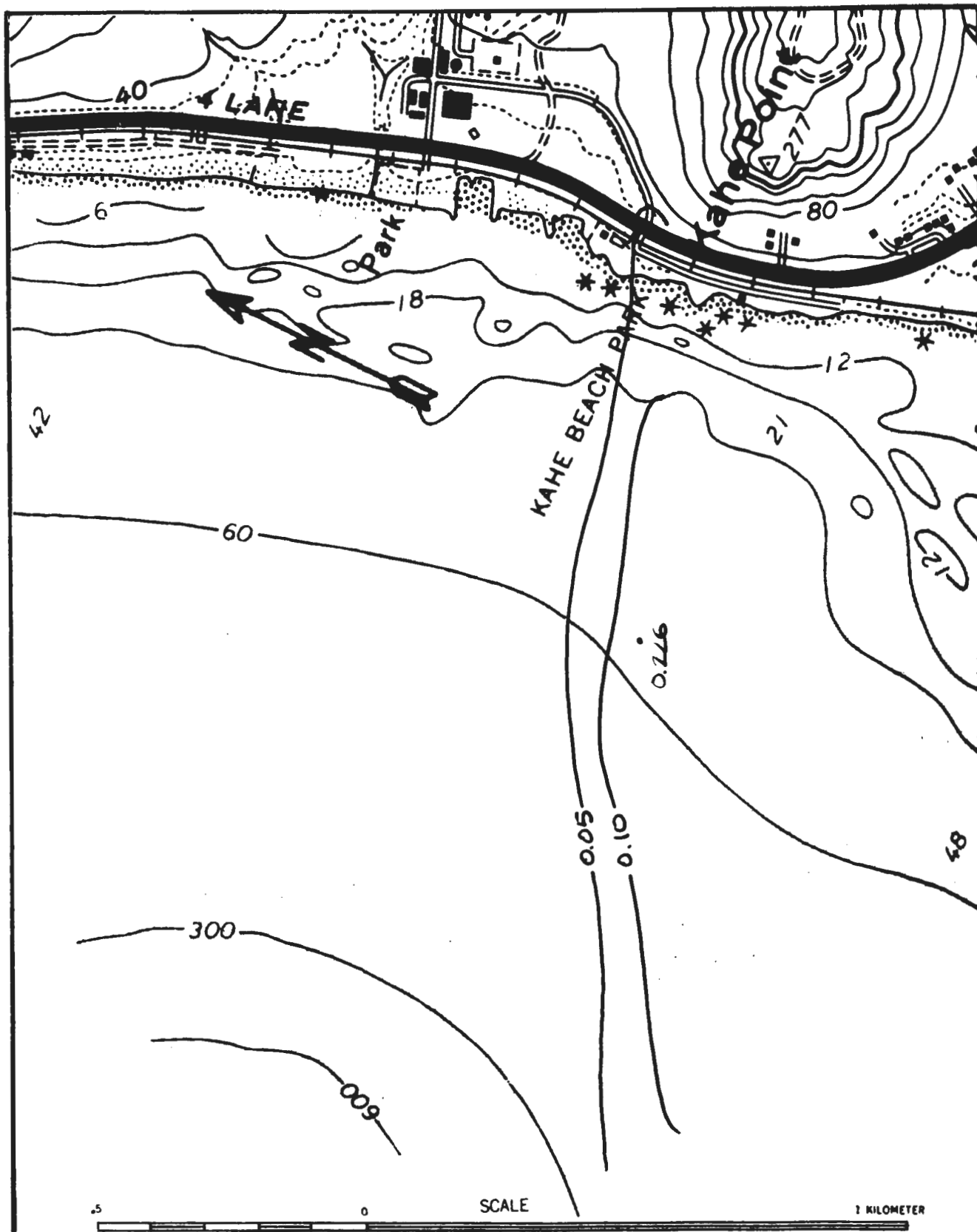


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B10
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 5

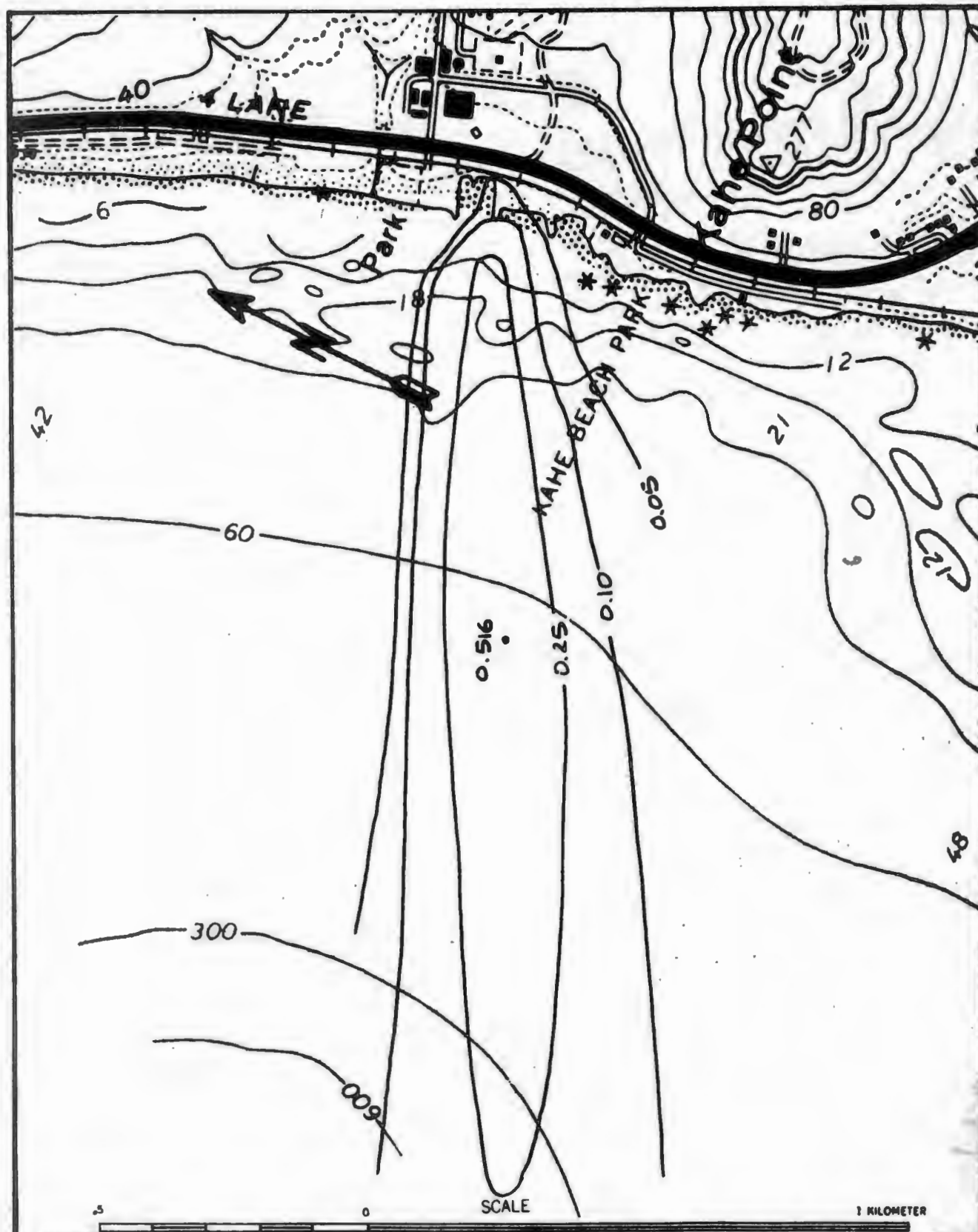


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8^o
 WIND: Direction 63
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B11
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 5

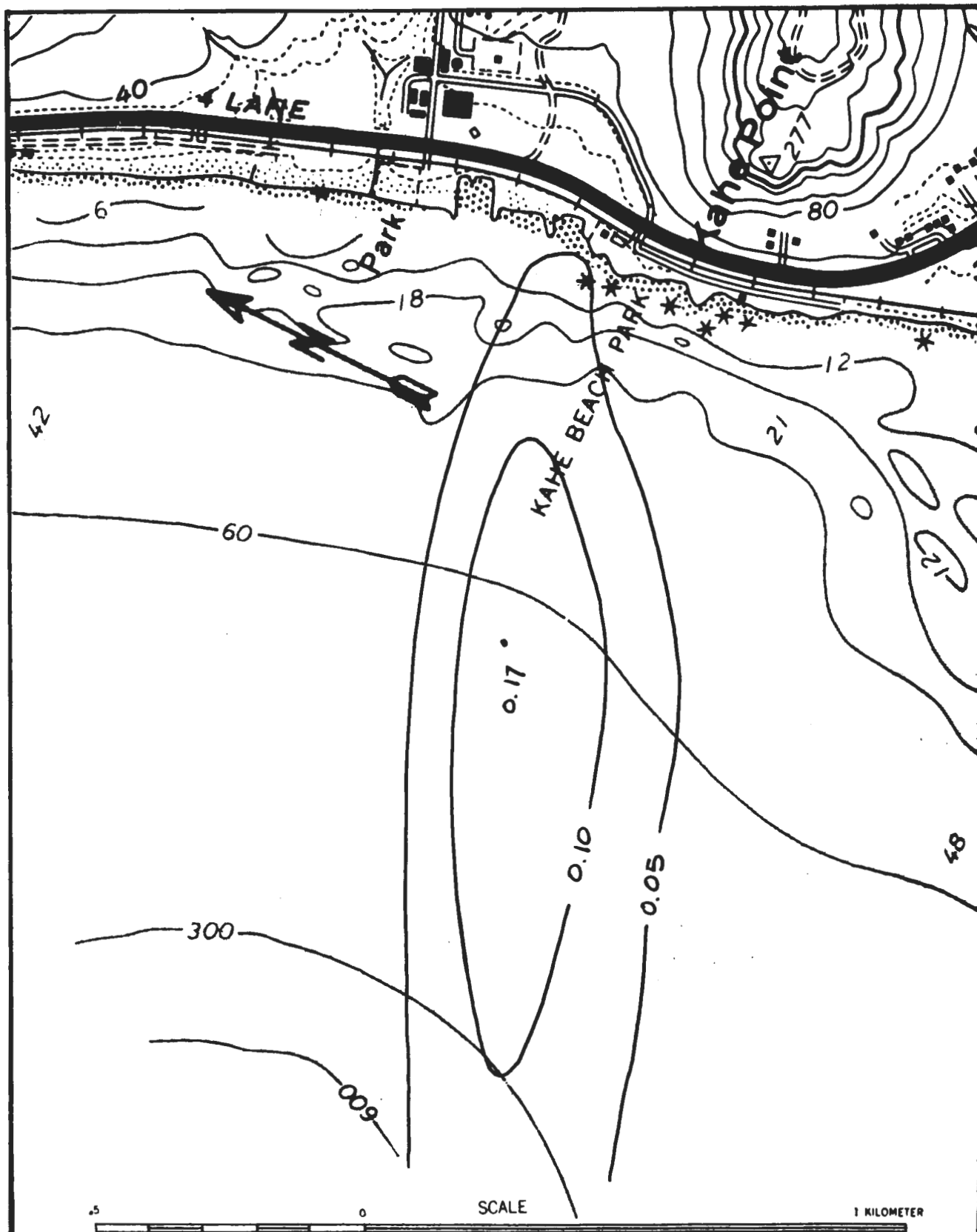


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B12
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 5

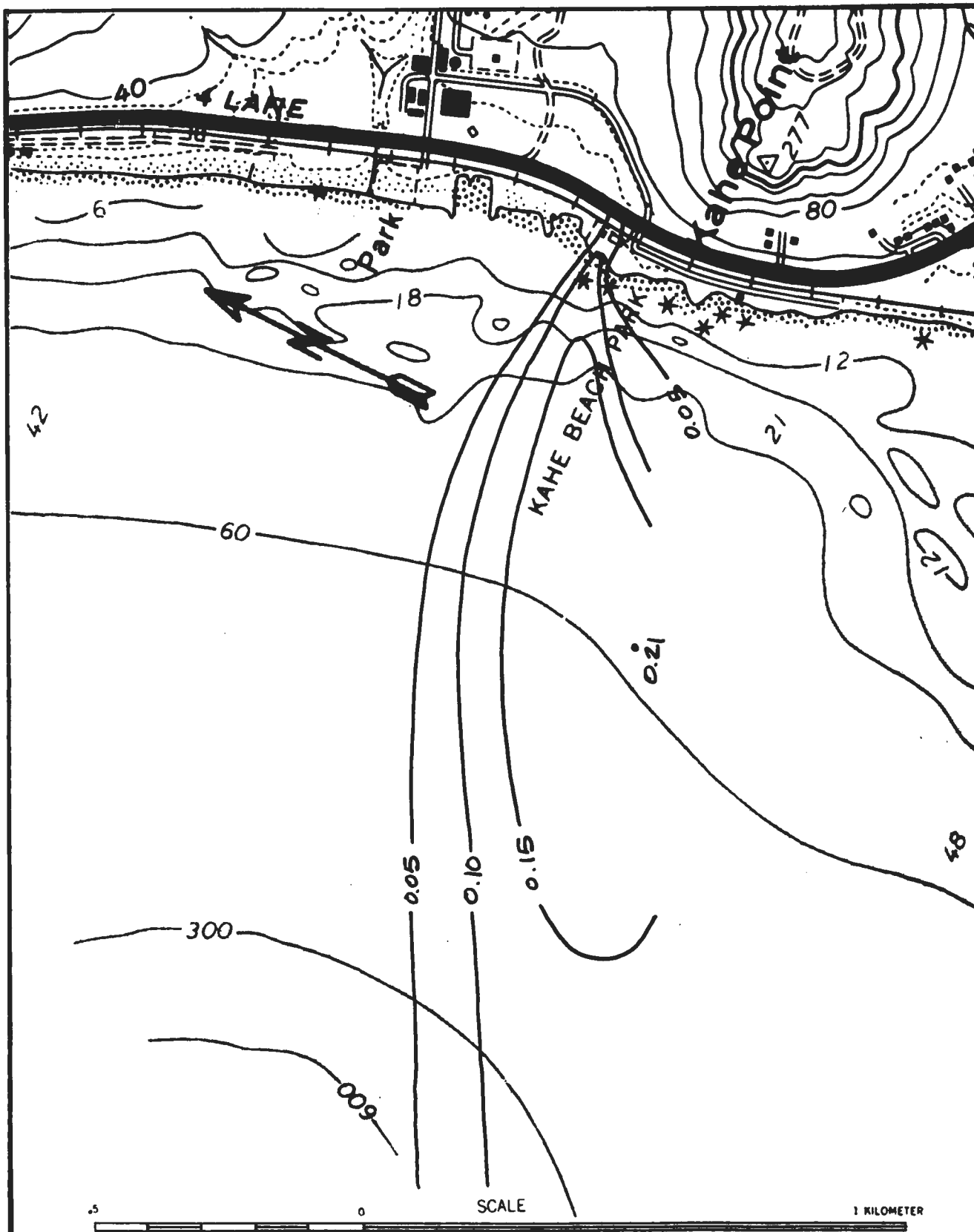


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B13
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 6

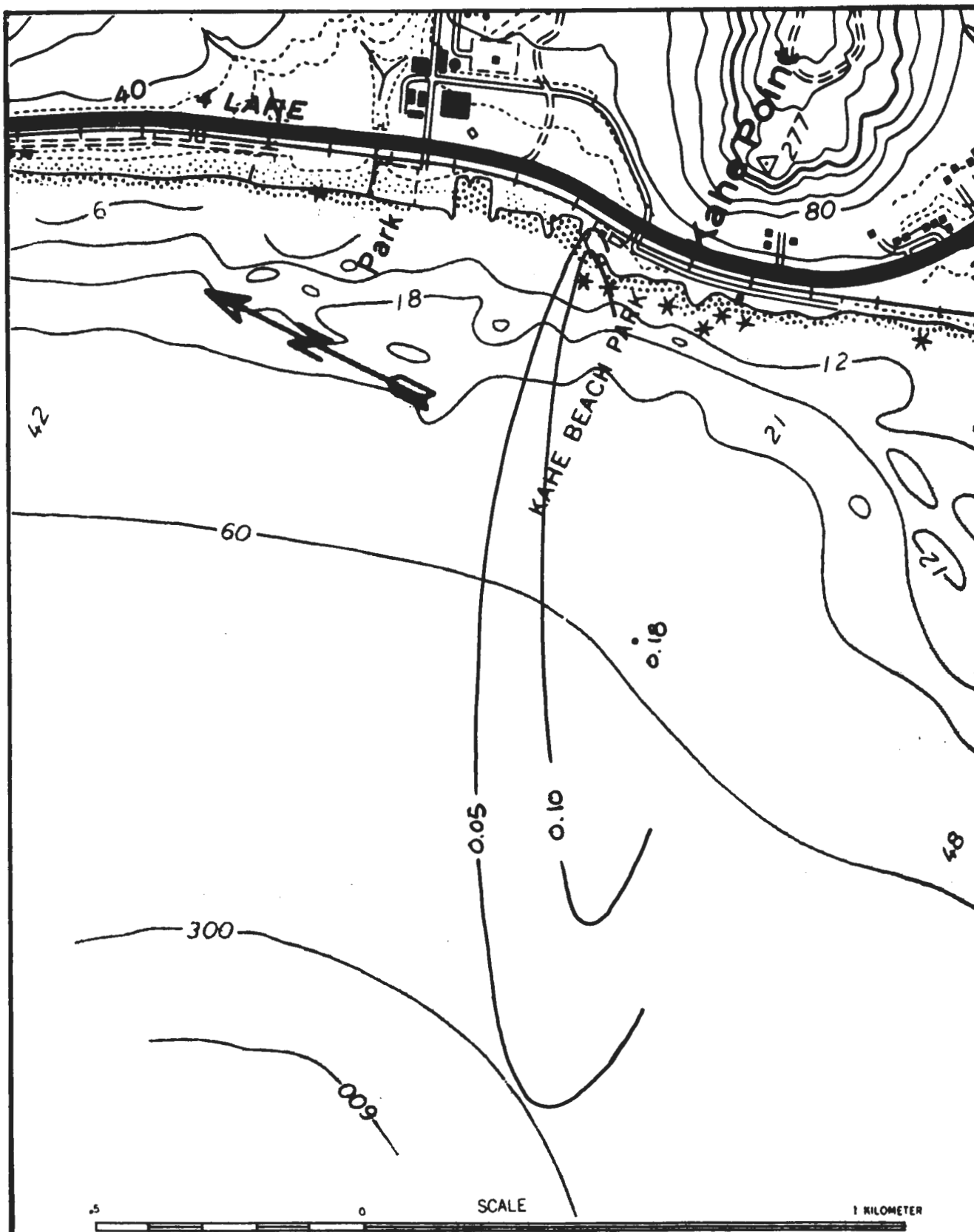


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B14
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 6



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B15
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 6

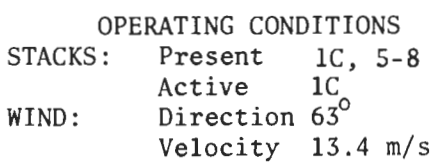
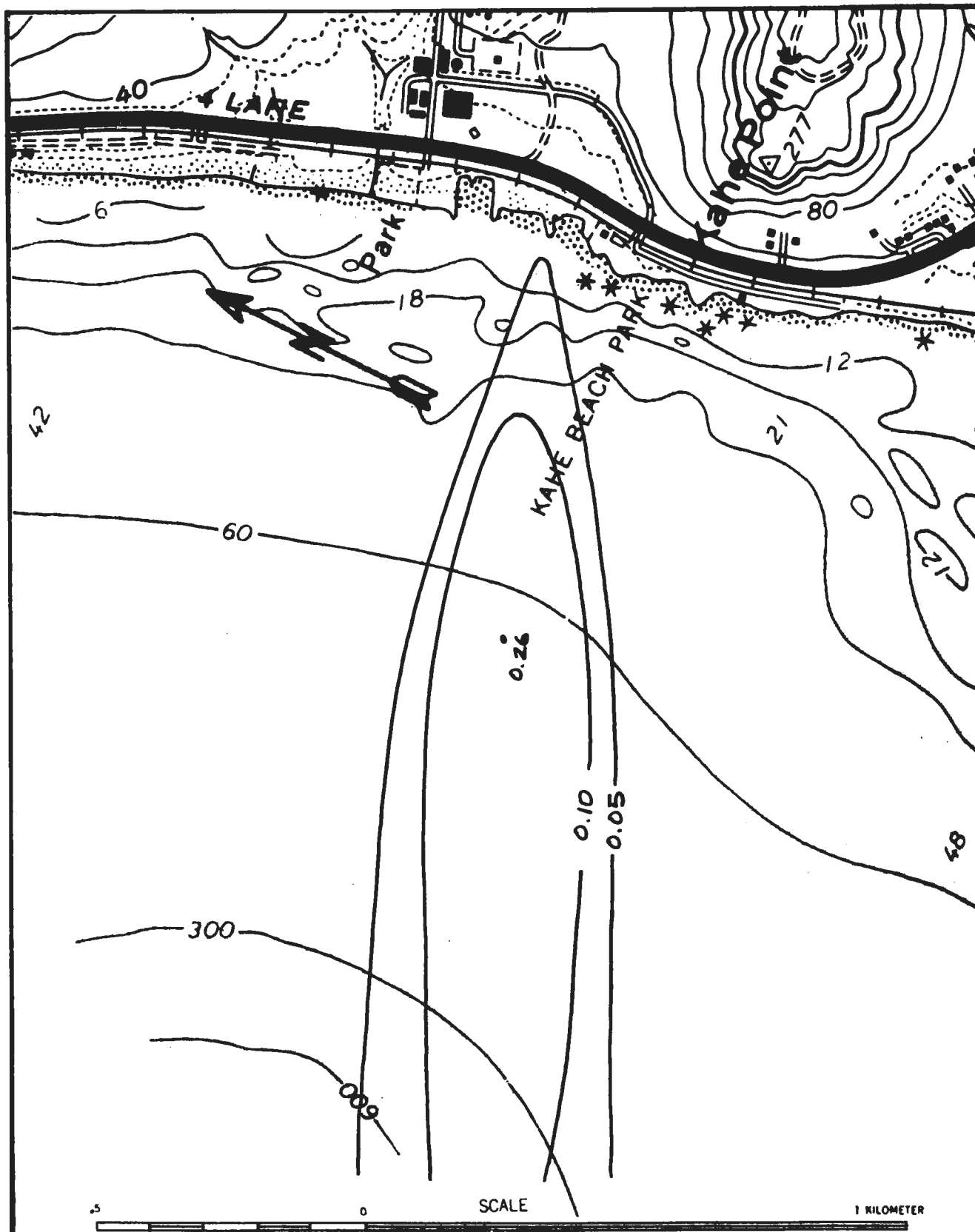


Figure B16
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 6

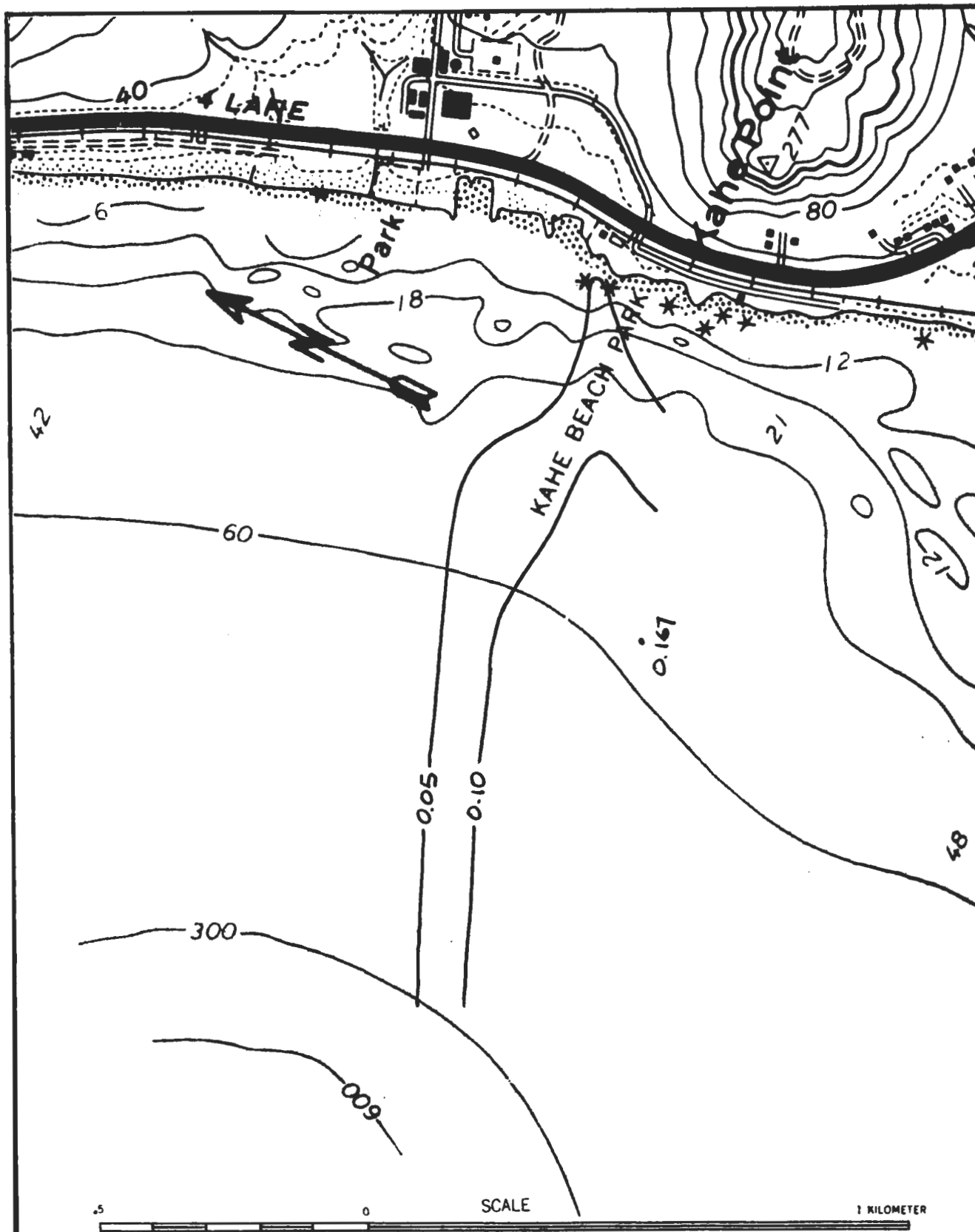


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B17
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 7

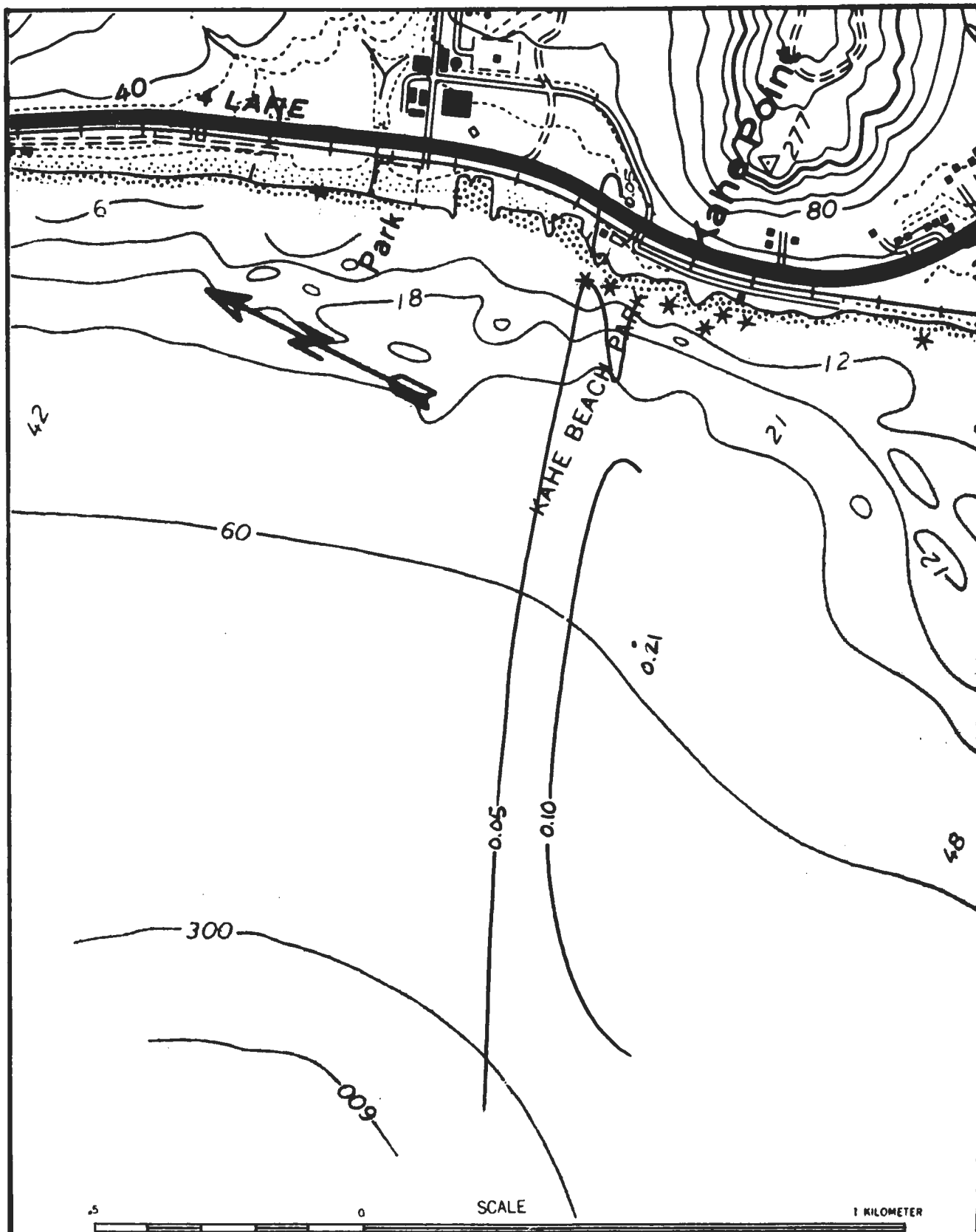


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B18
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 7

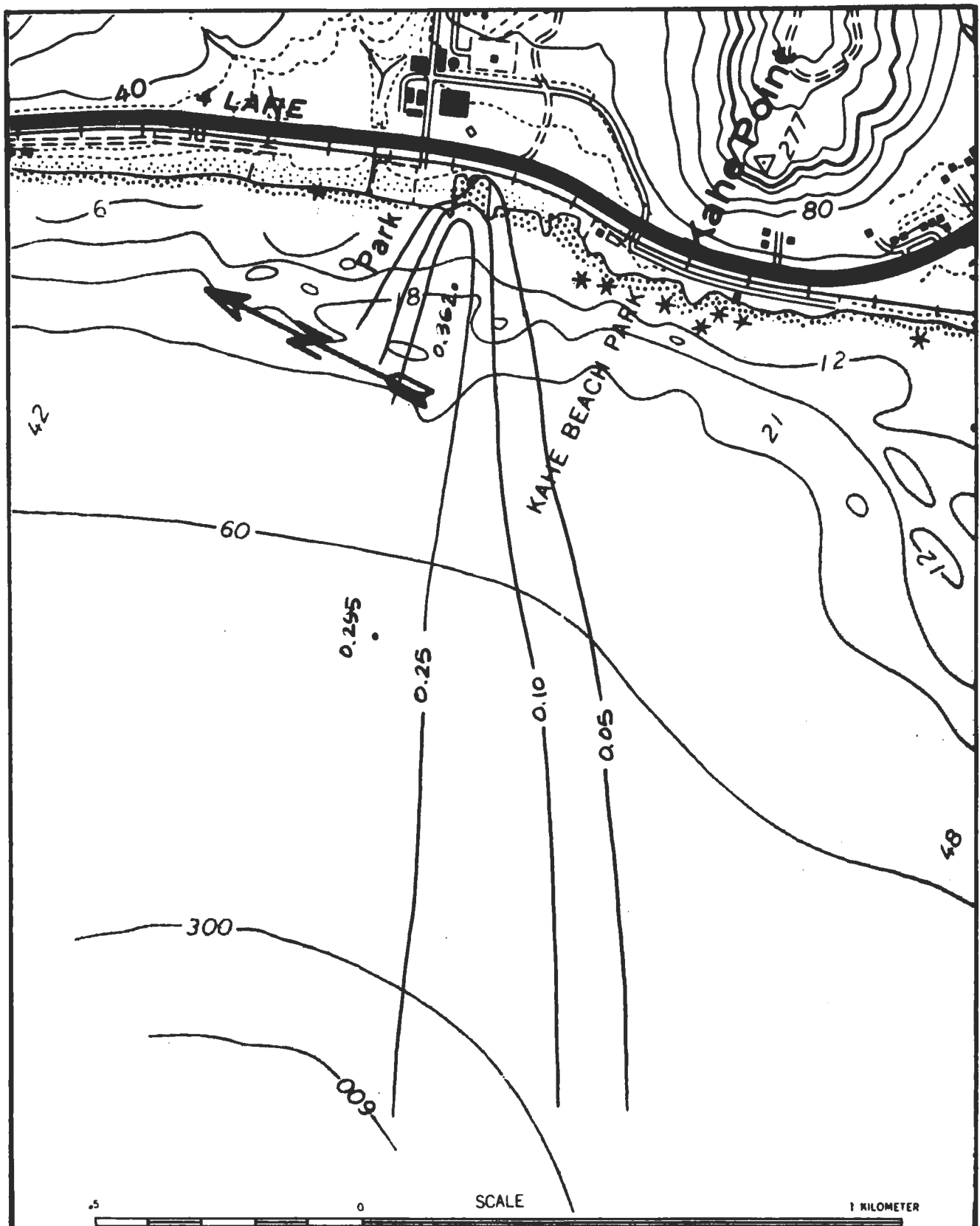


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B19
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 7

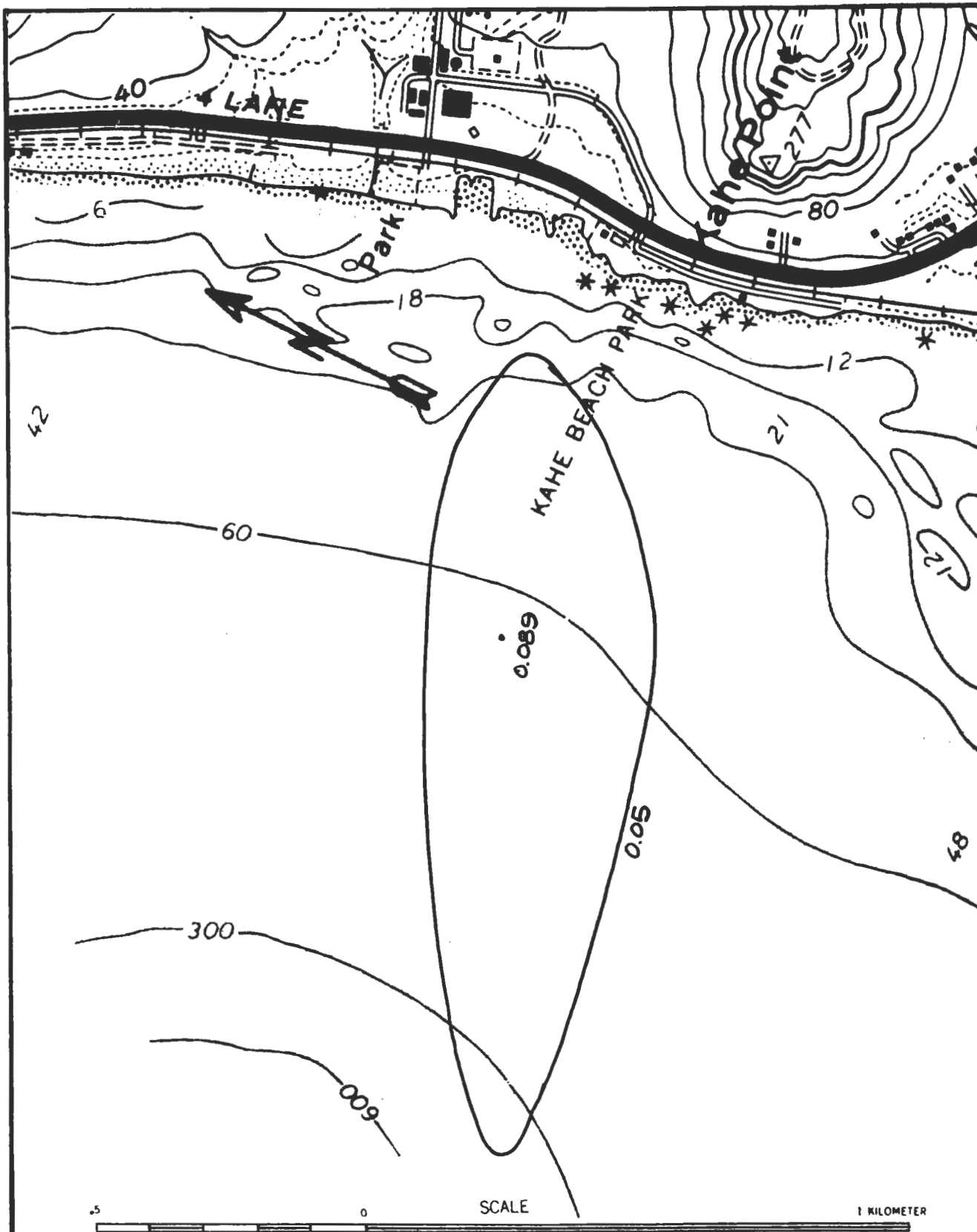


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B20
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 7

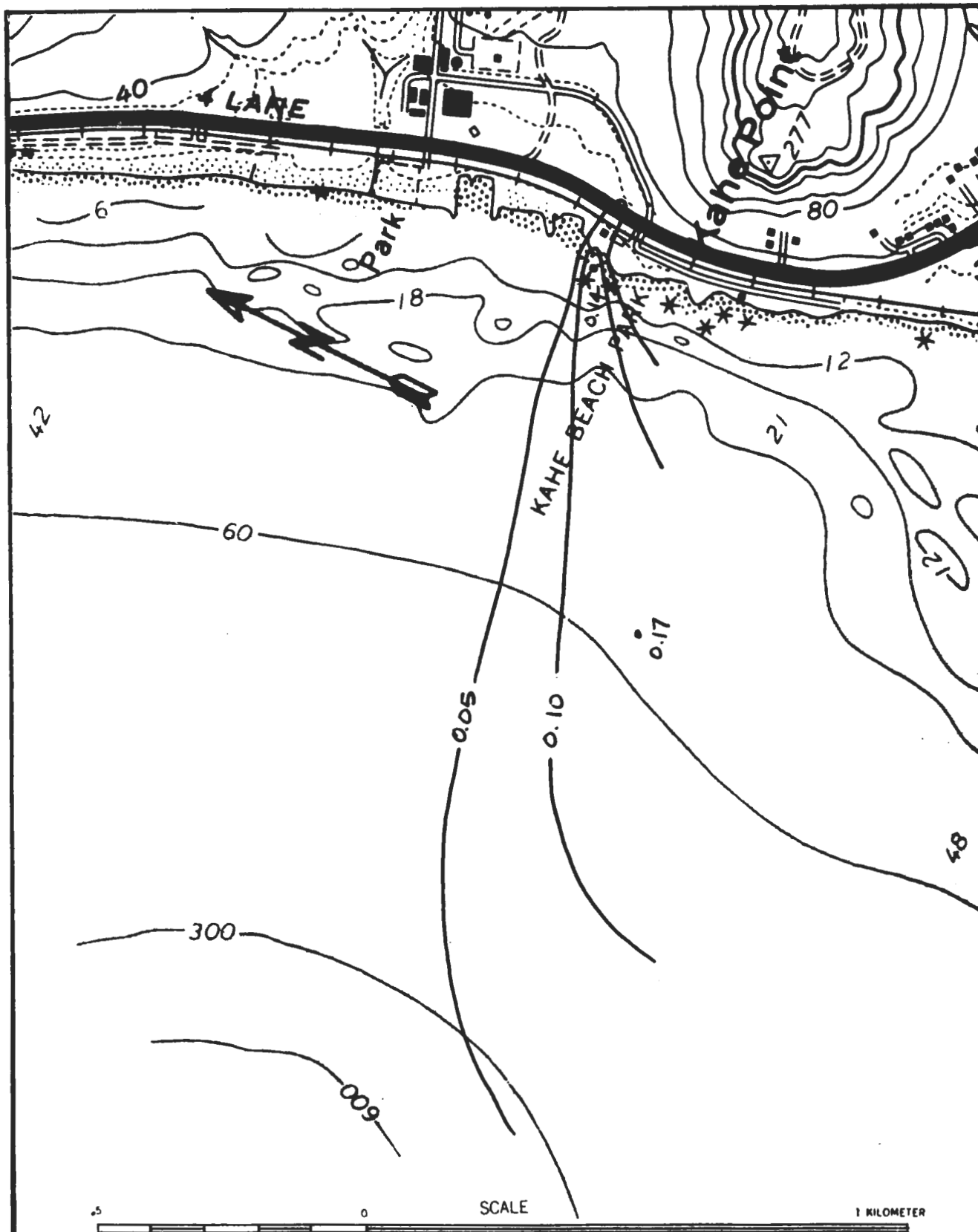


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B21
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 8

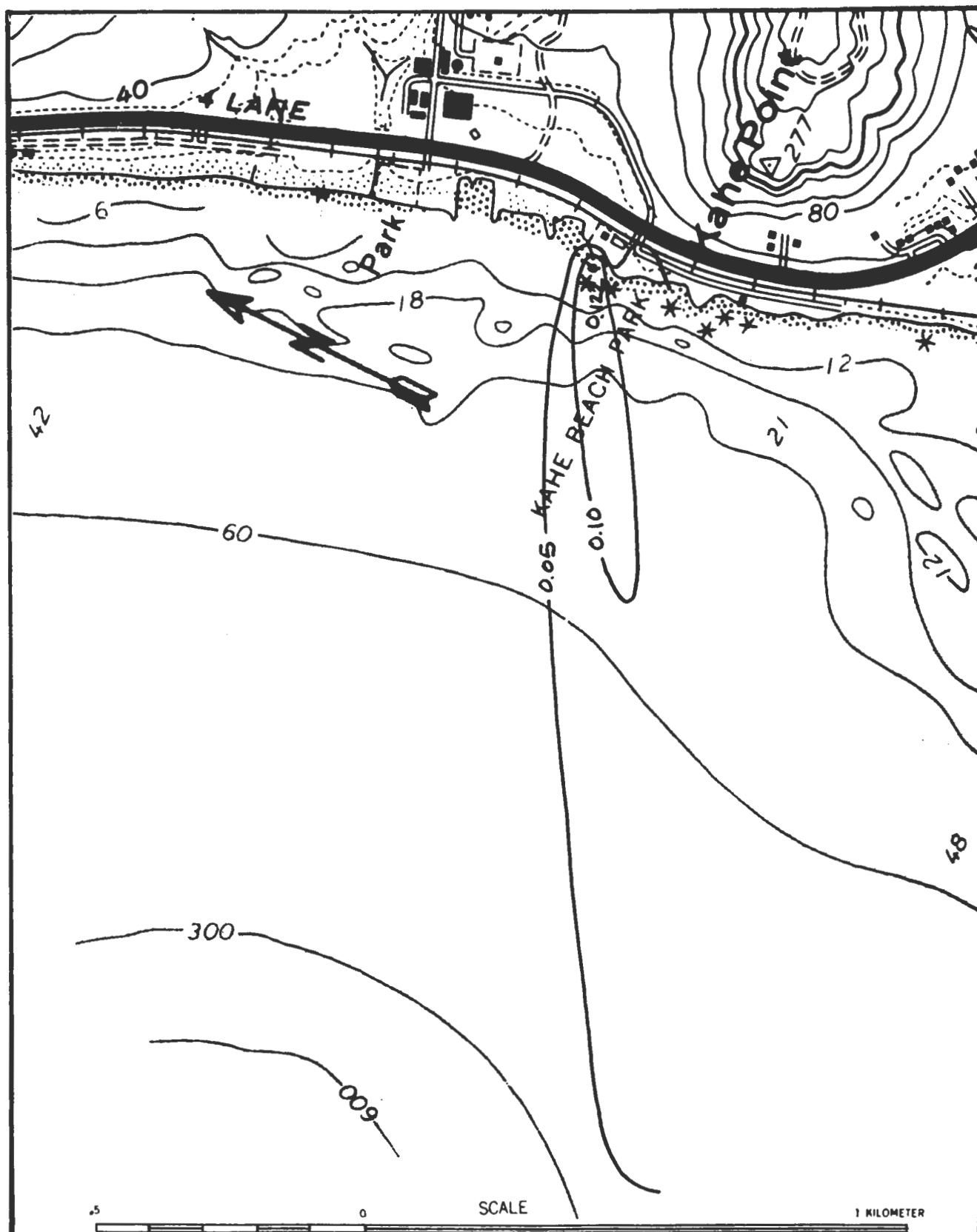


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B22
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 8

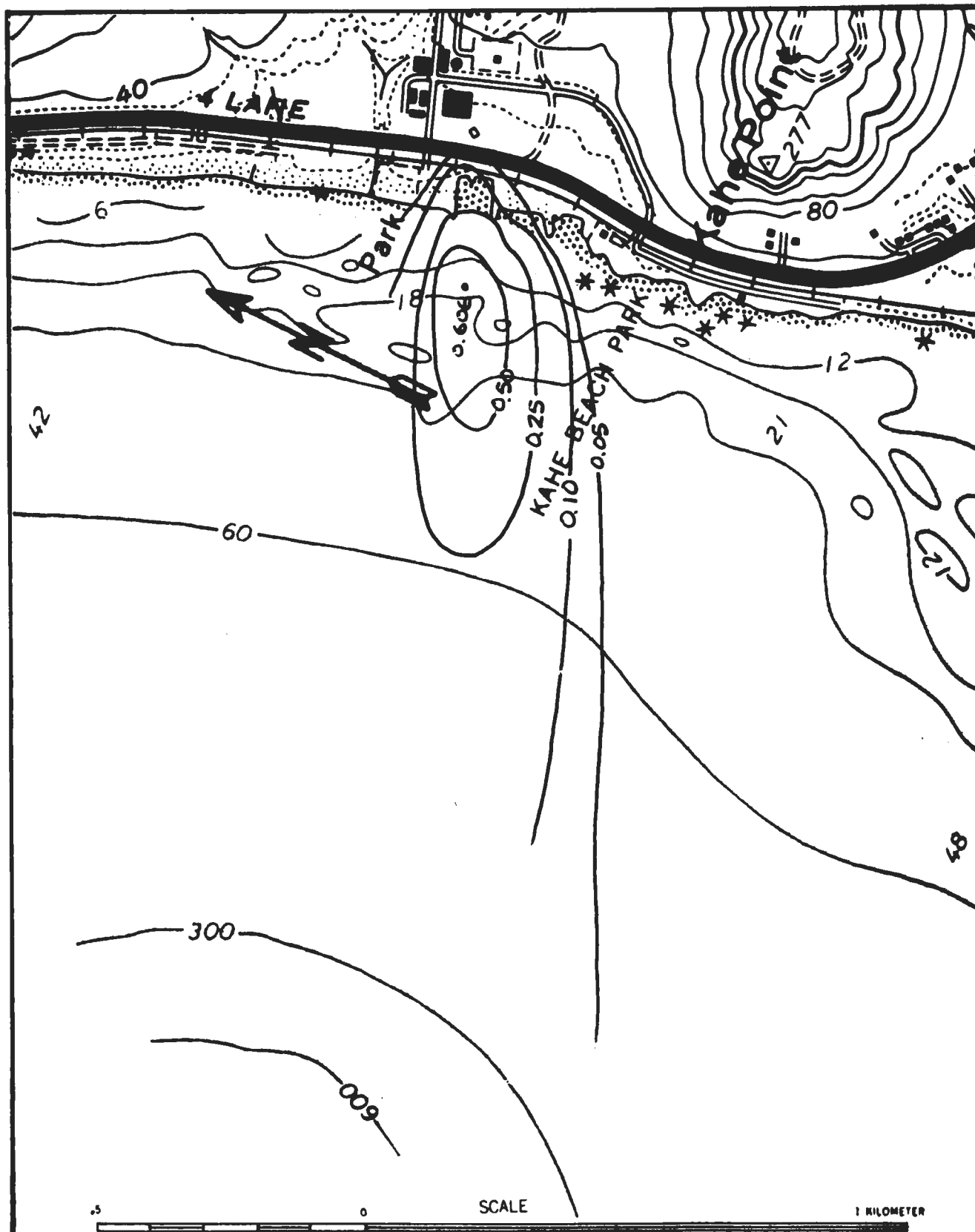


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B23
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 8

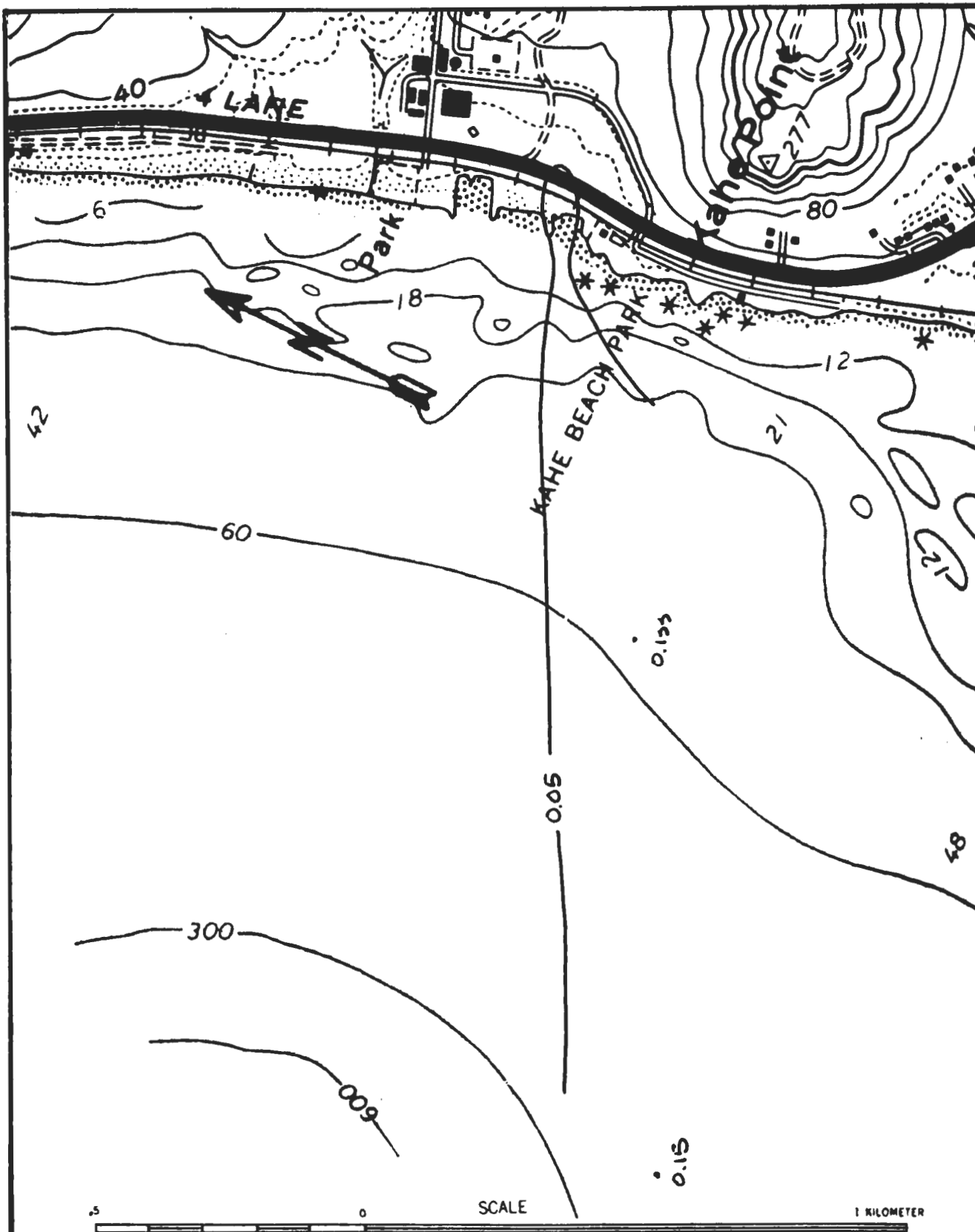


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B24
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 8

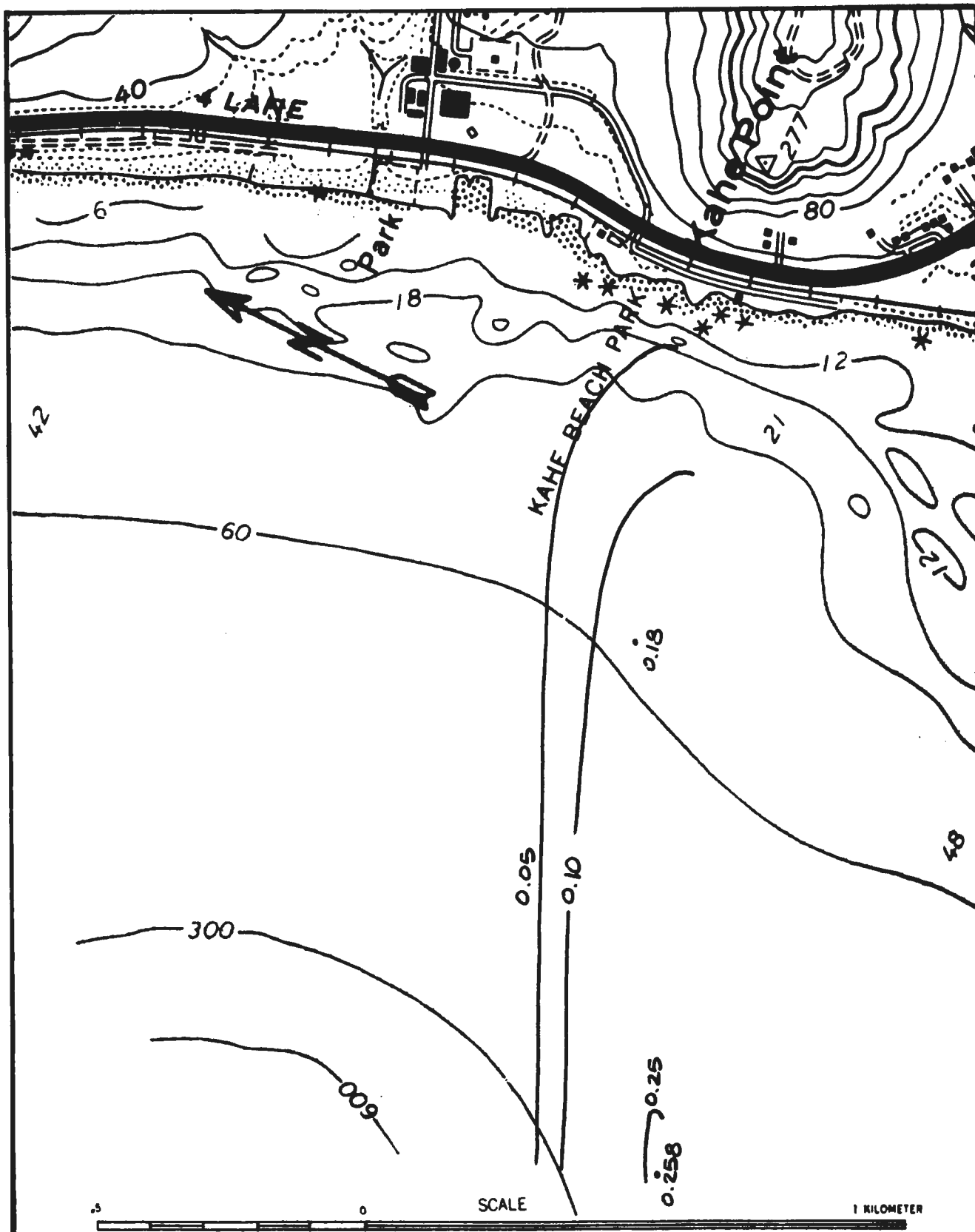


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B25
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 9

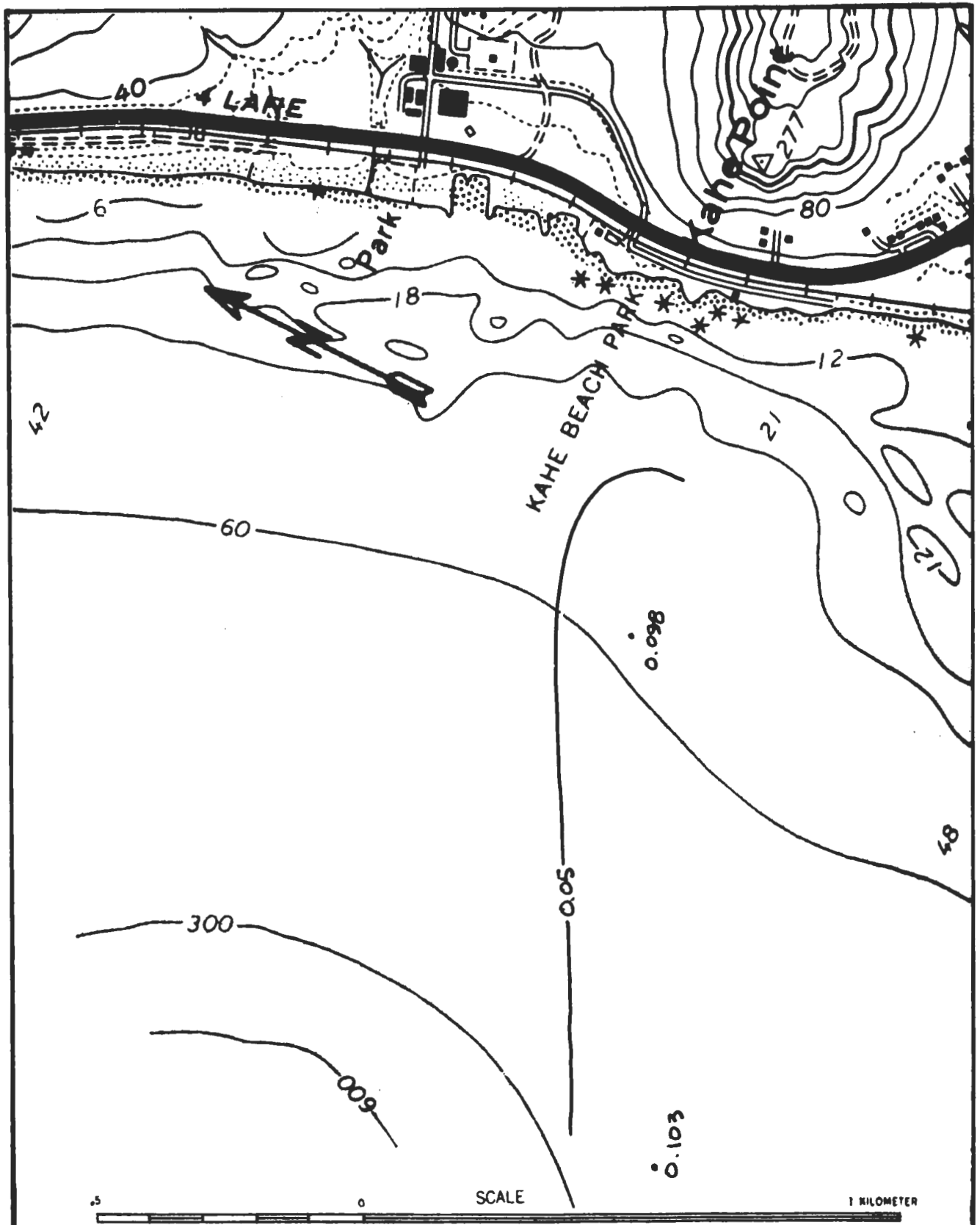


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B26
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 9

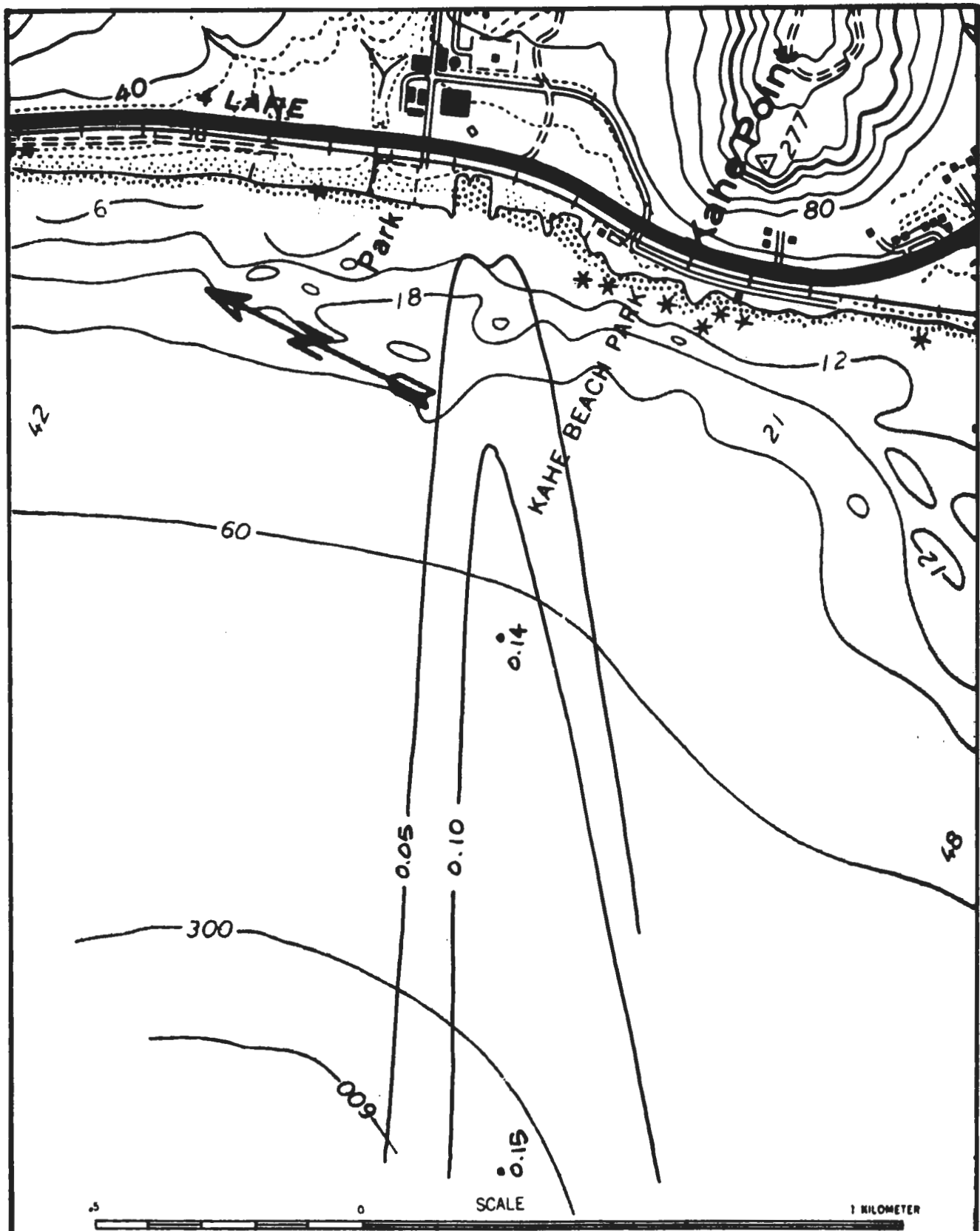


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B27
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 9

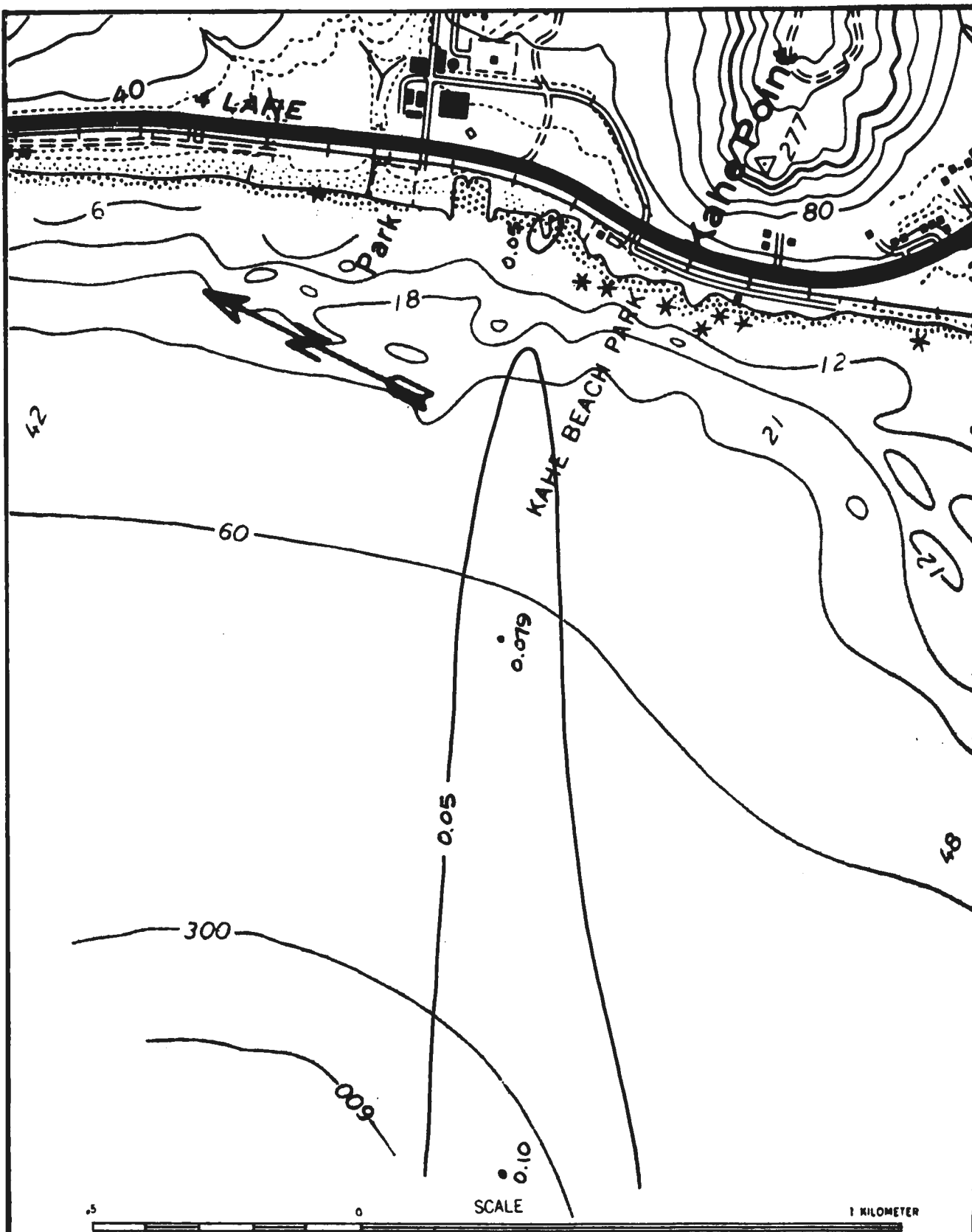


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B28
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 9

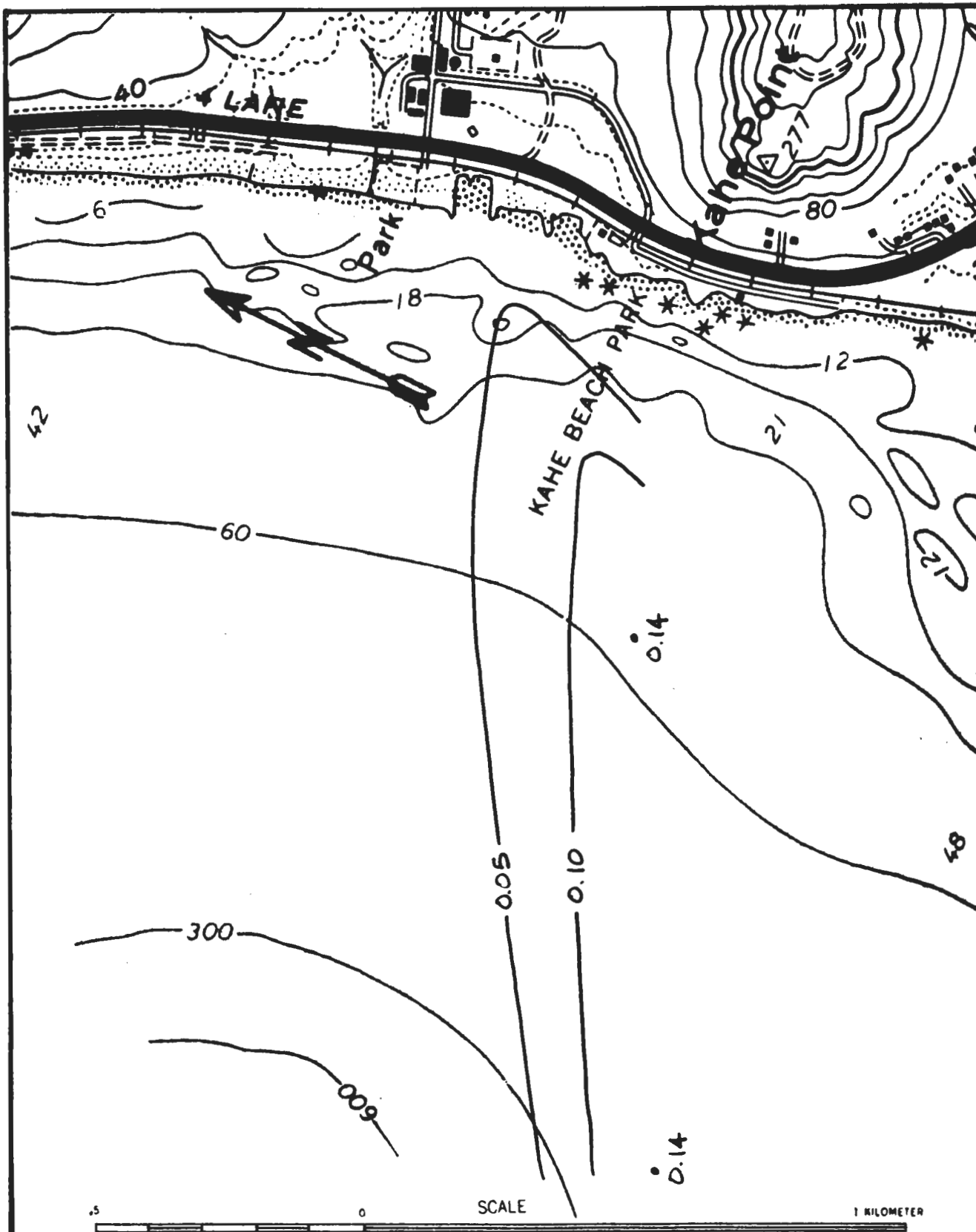


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B29
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 10

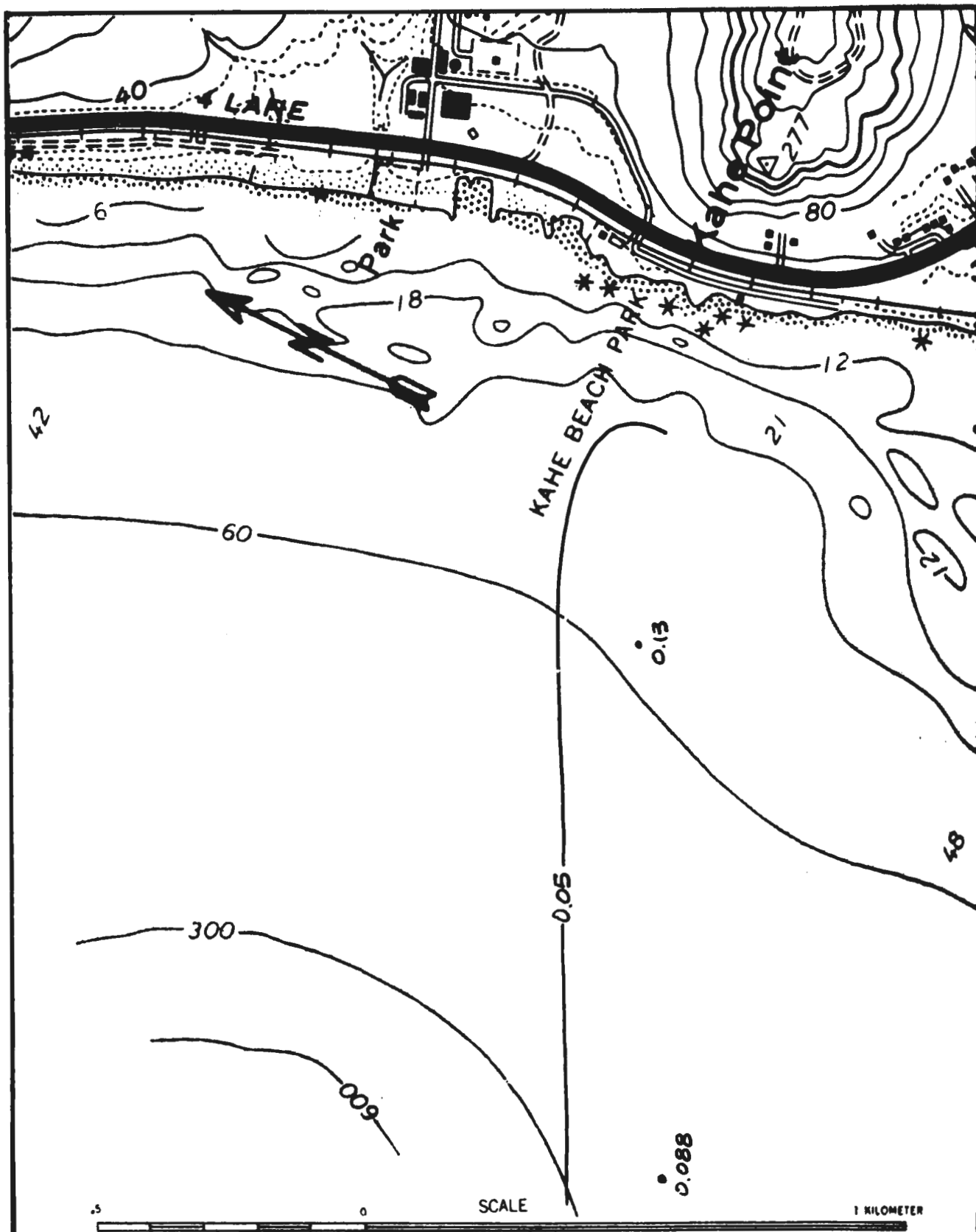


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B30
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 10

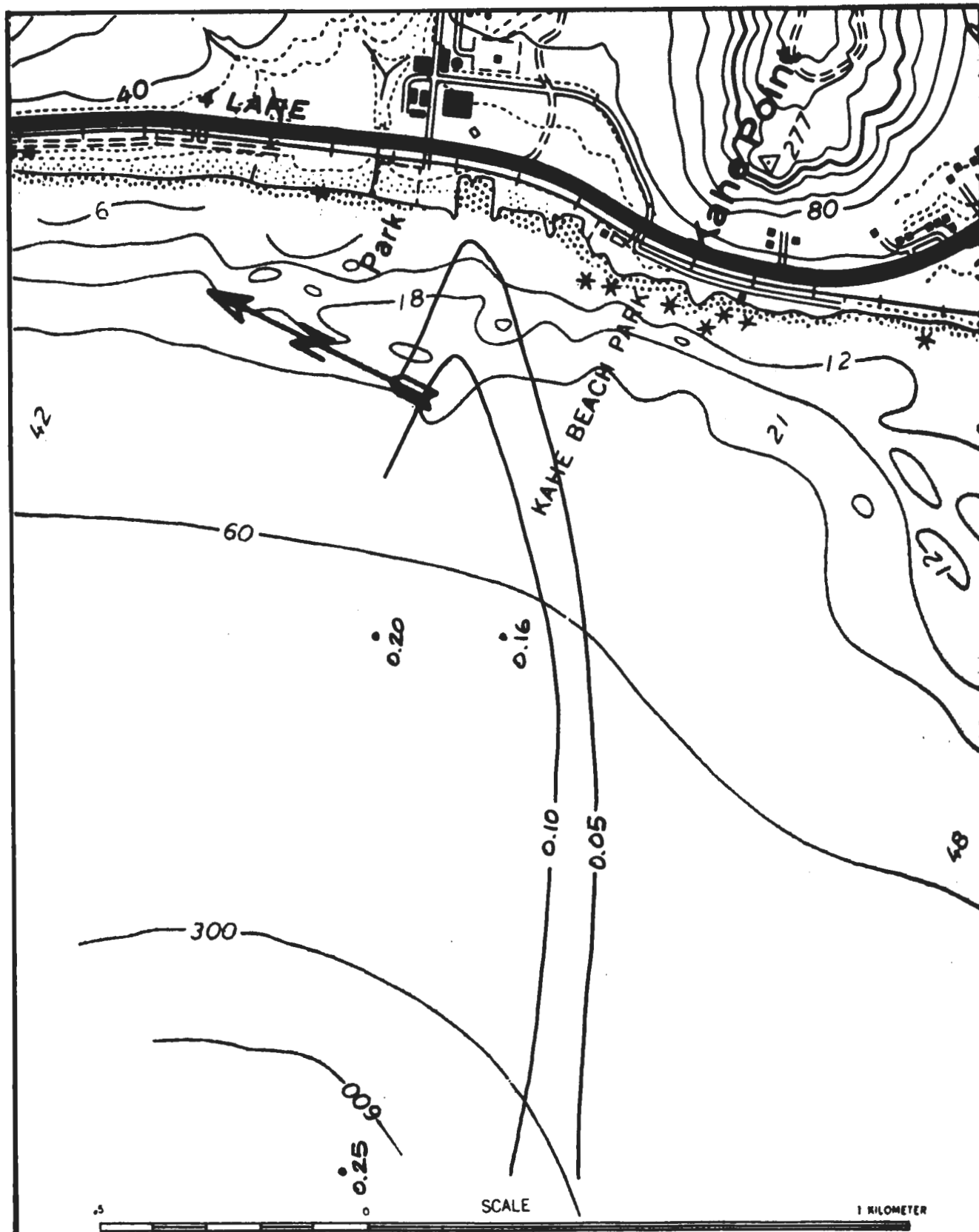


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B31
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 10

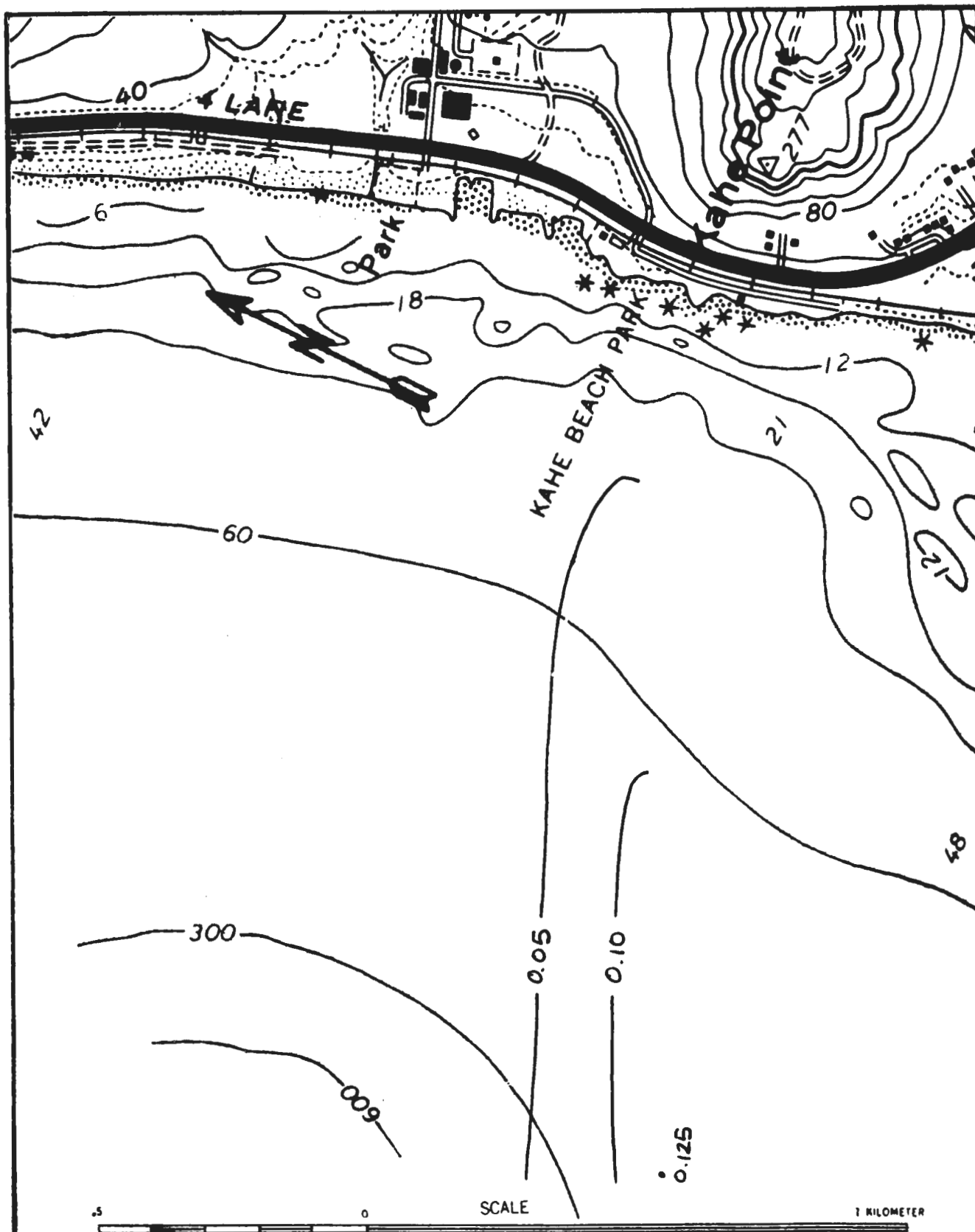


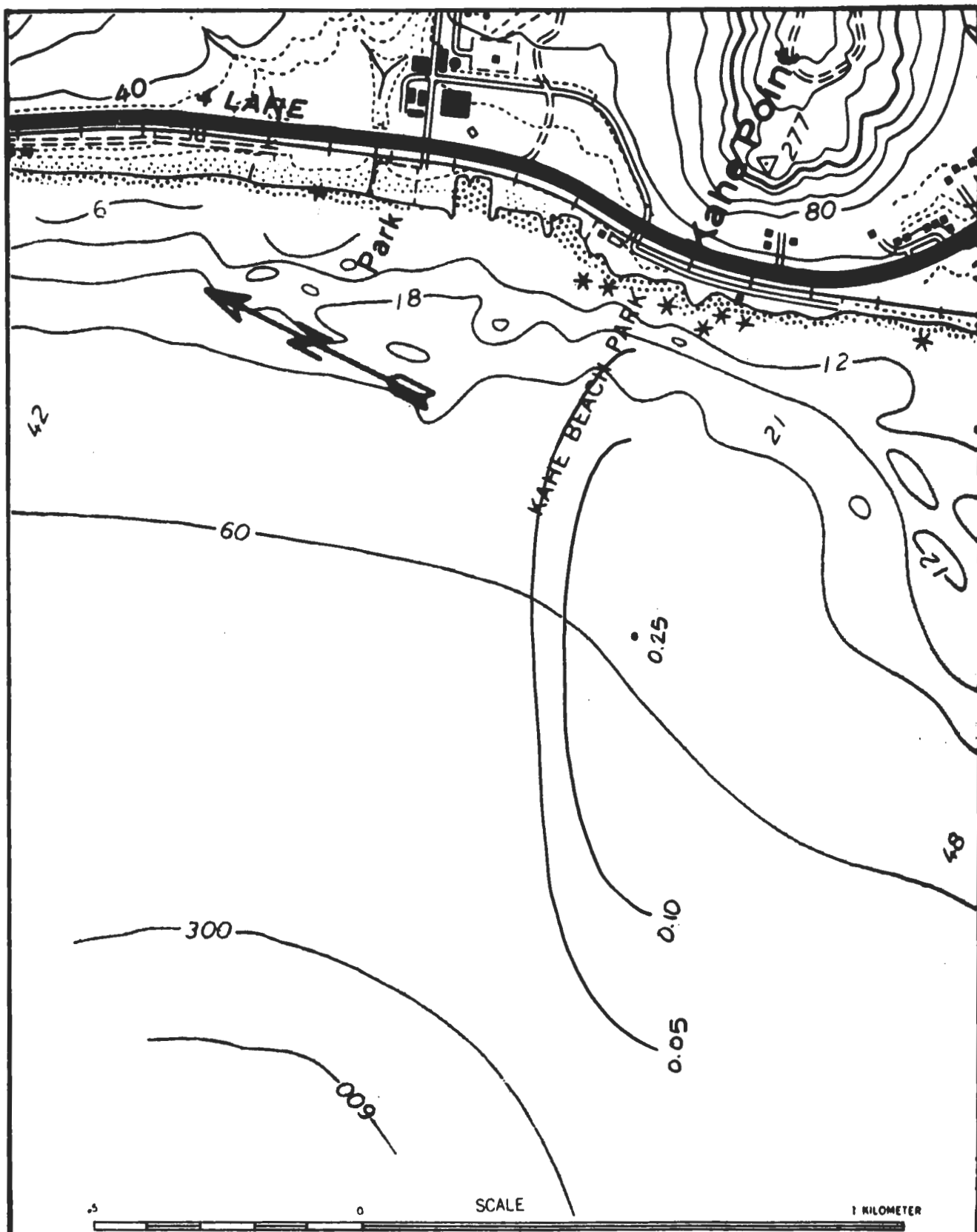
OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B32
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 10



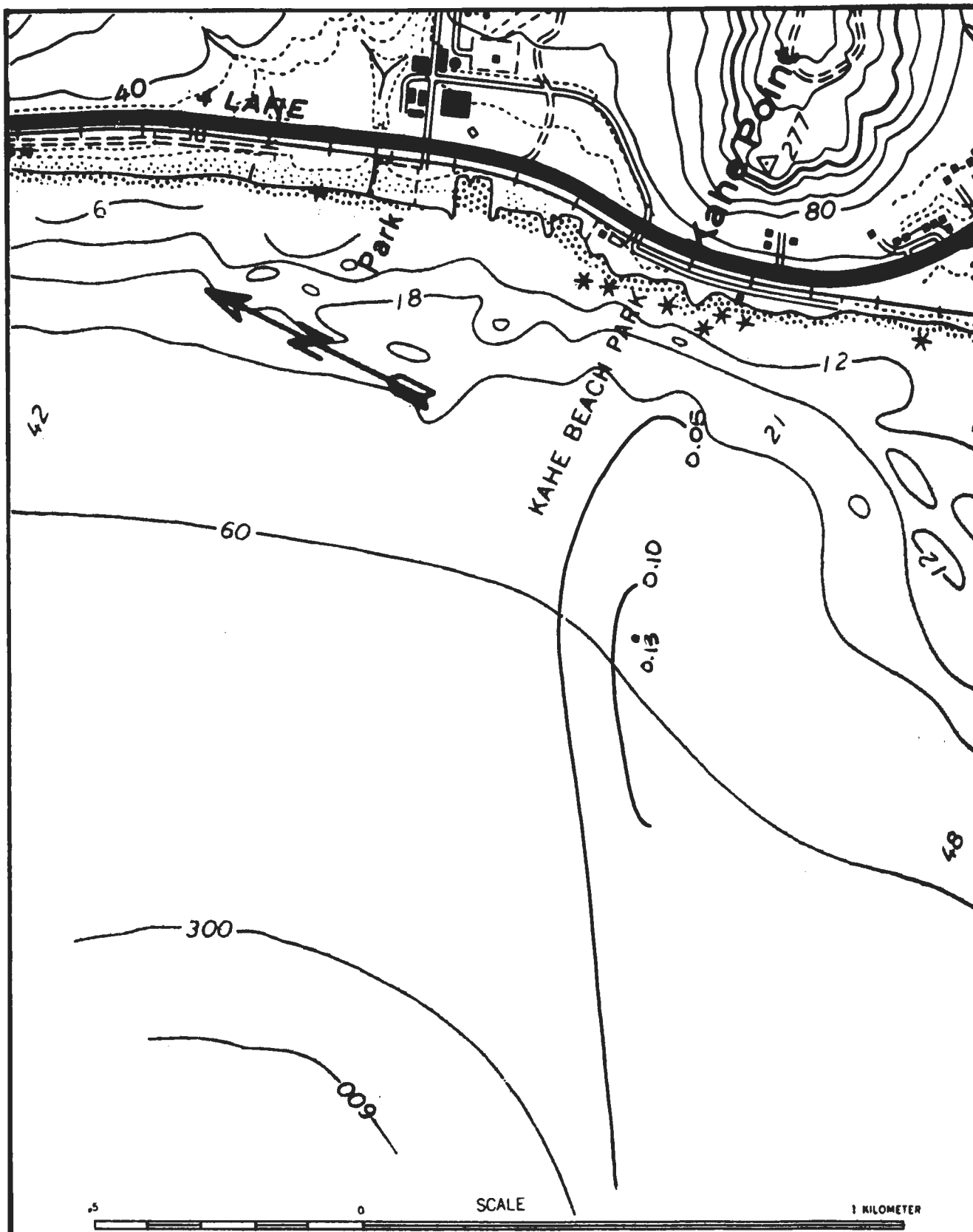


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B34
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 11

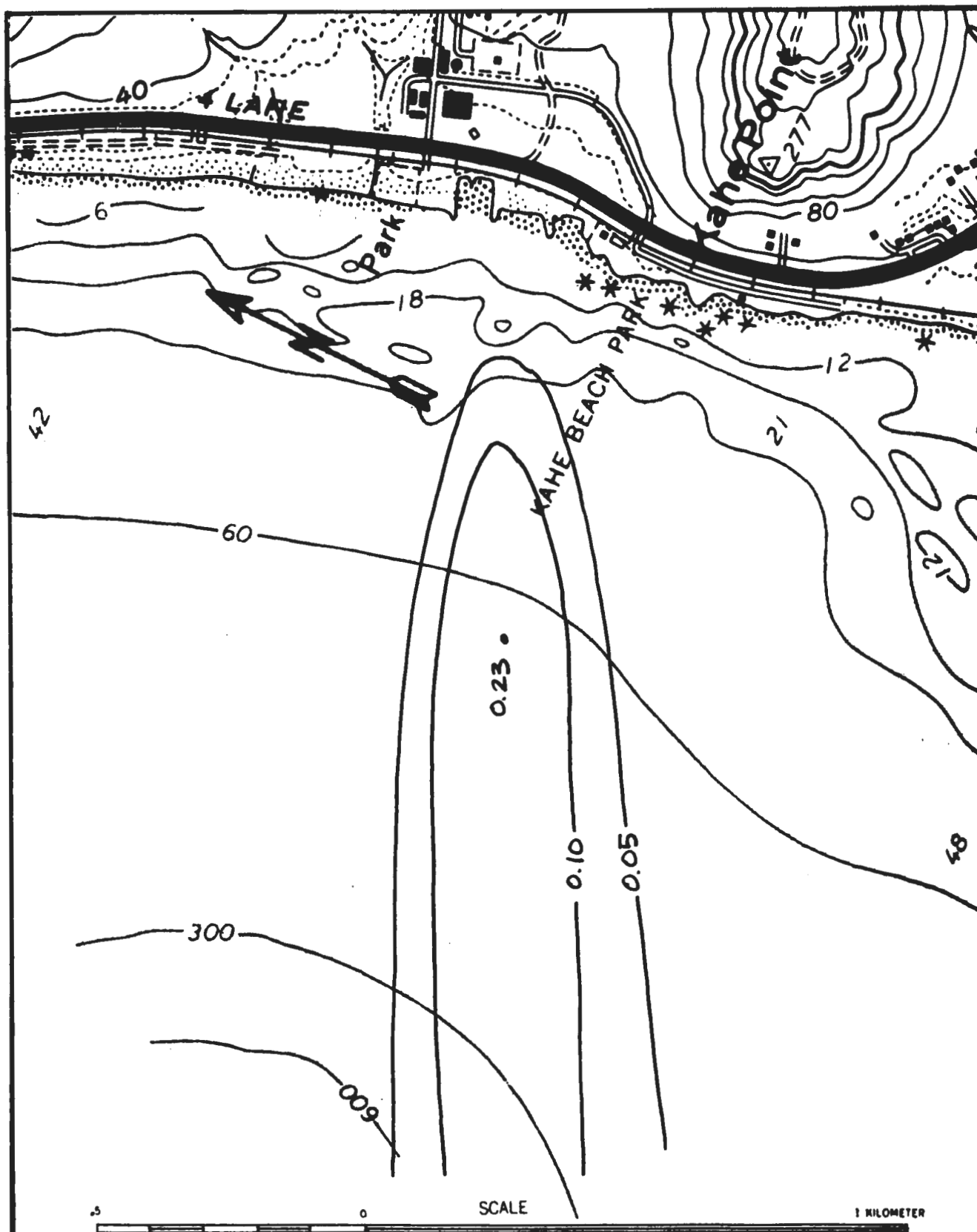


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B35
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 11

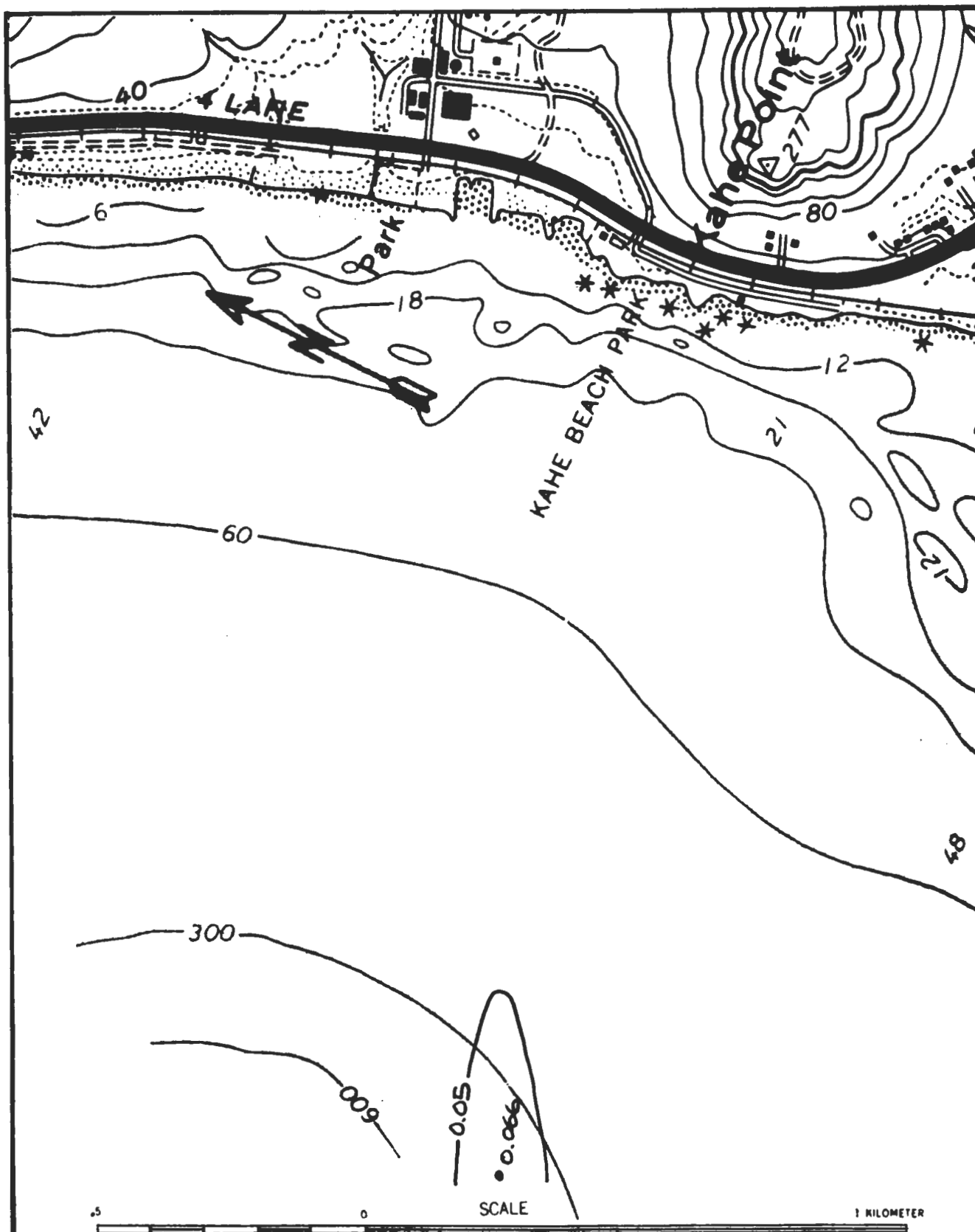


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B36
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 11

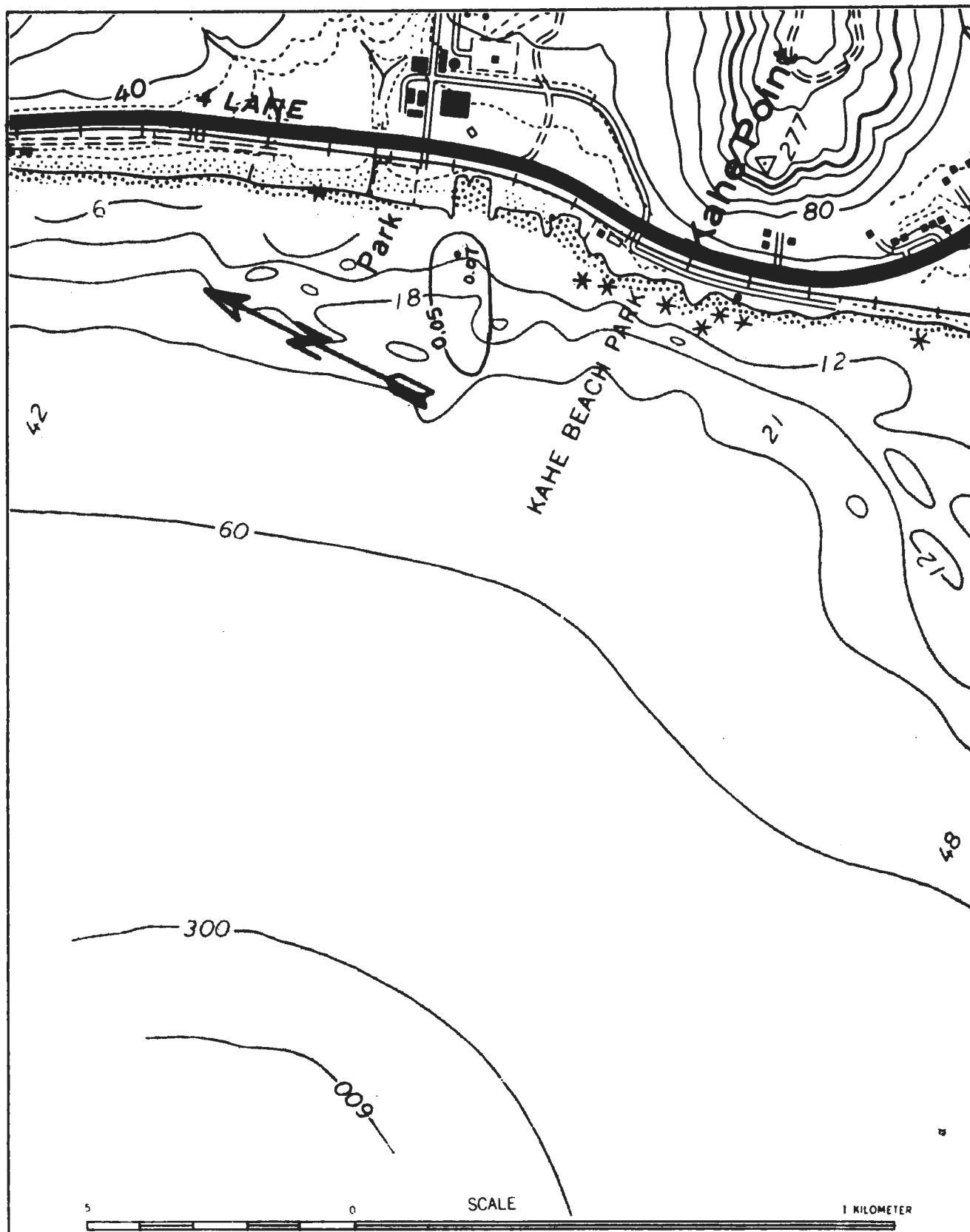


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B37
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 12

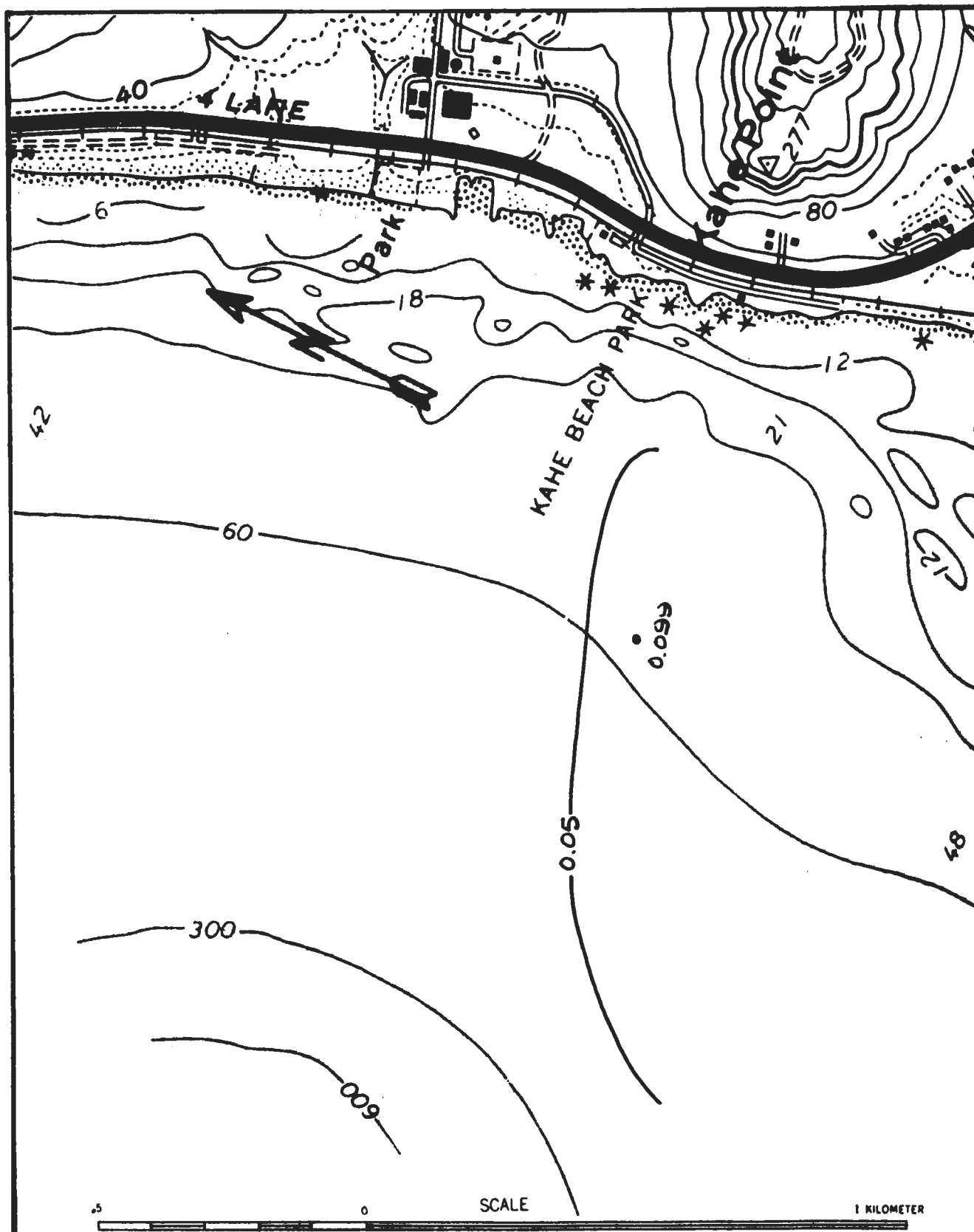


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B38
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 12

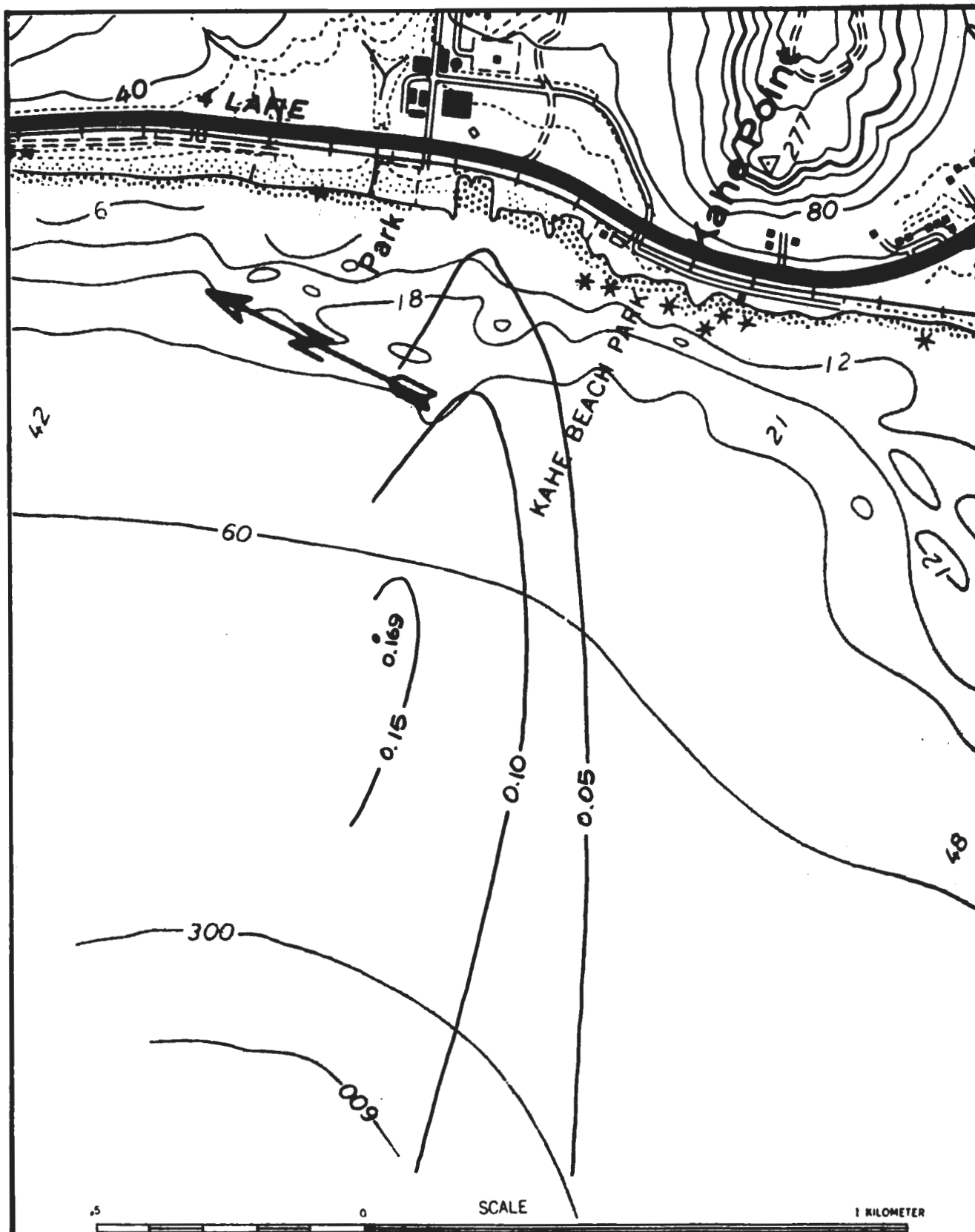


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B39
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 12

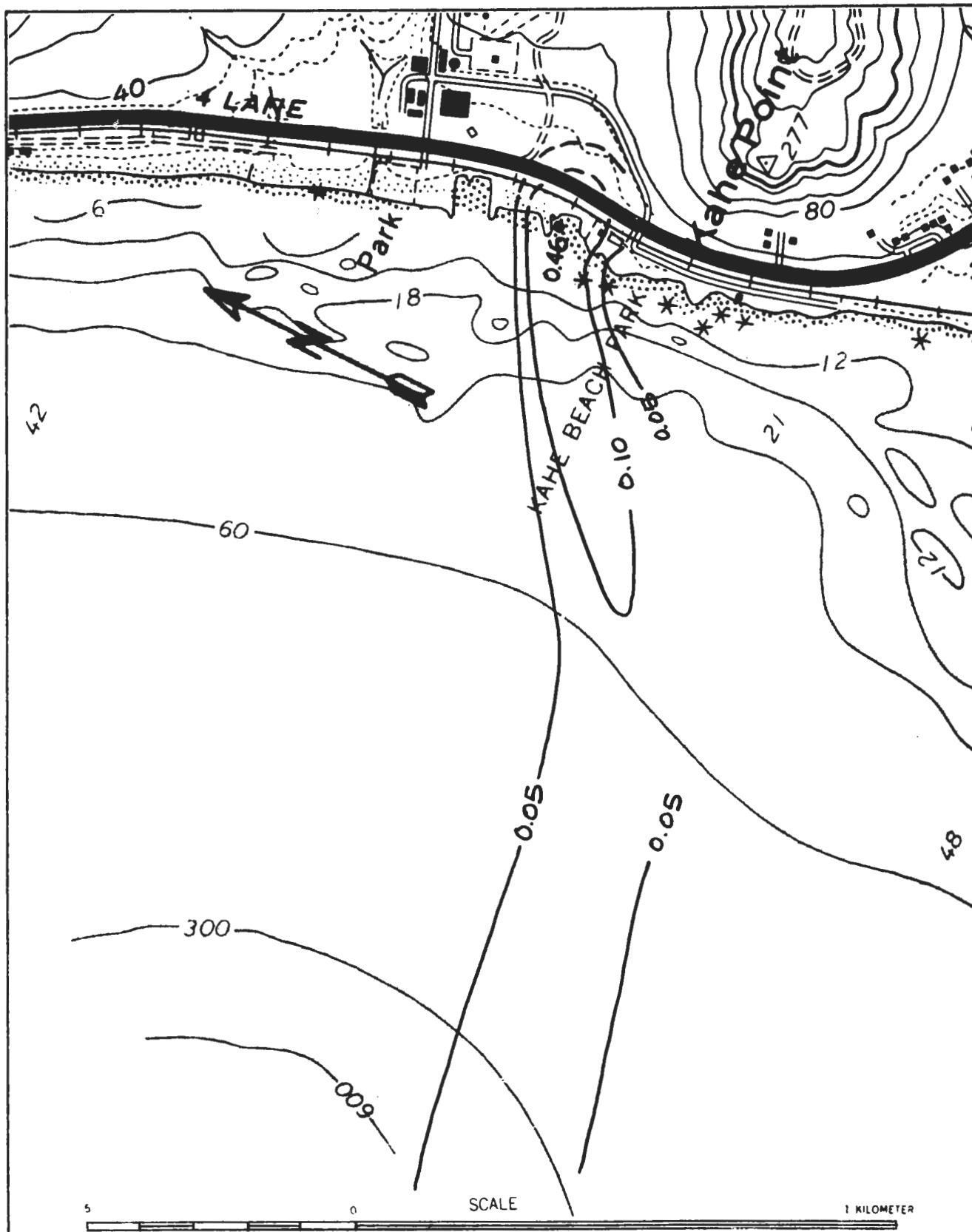


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B40
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 12

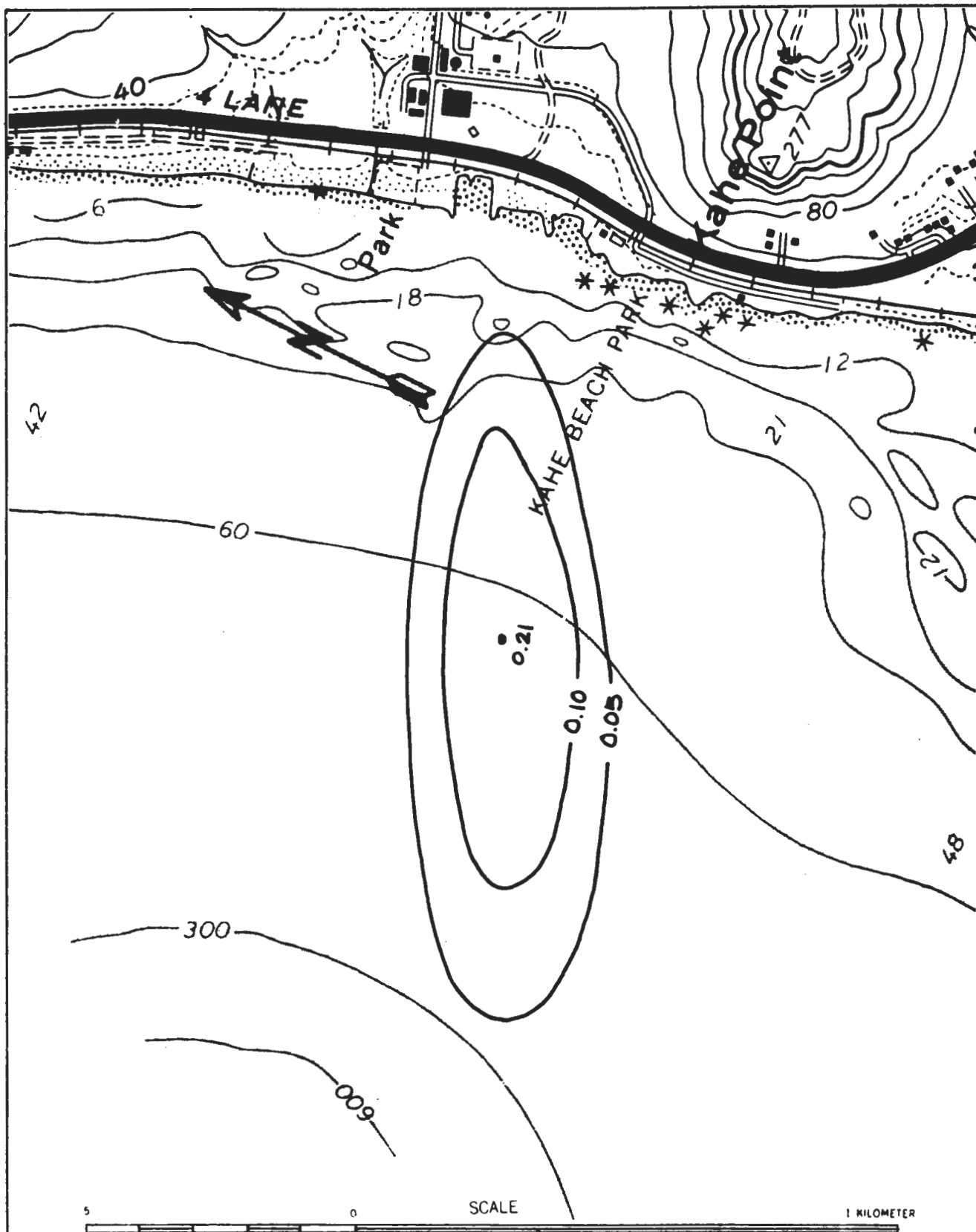


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

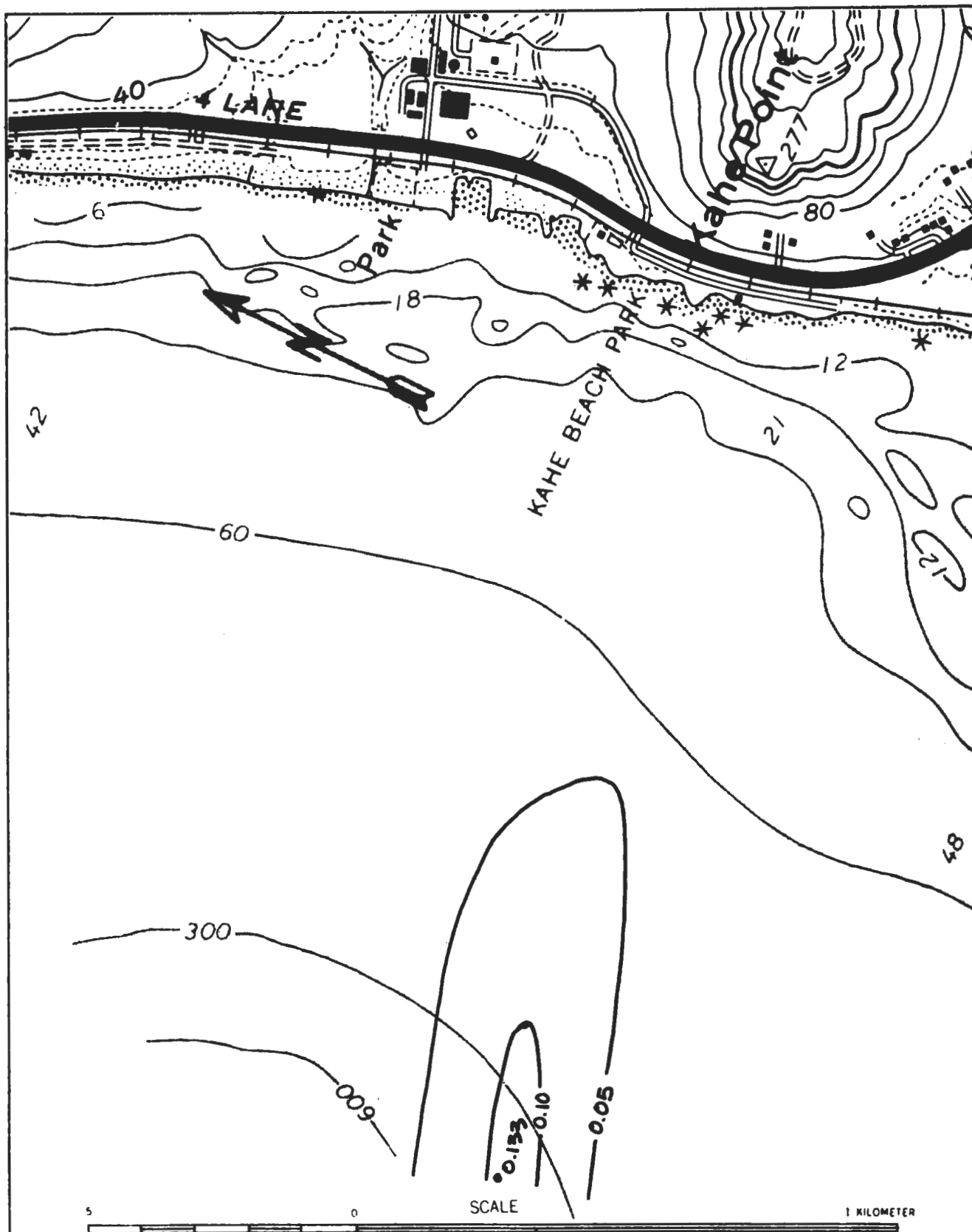
Figure B41
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 12



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B43
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 13

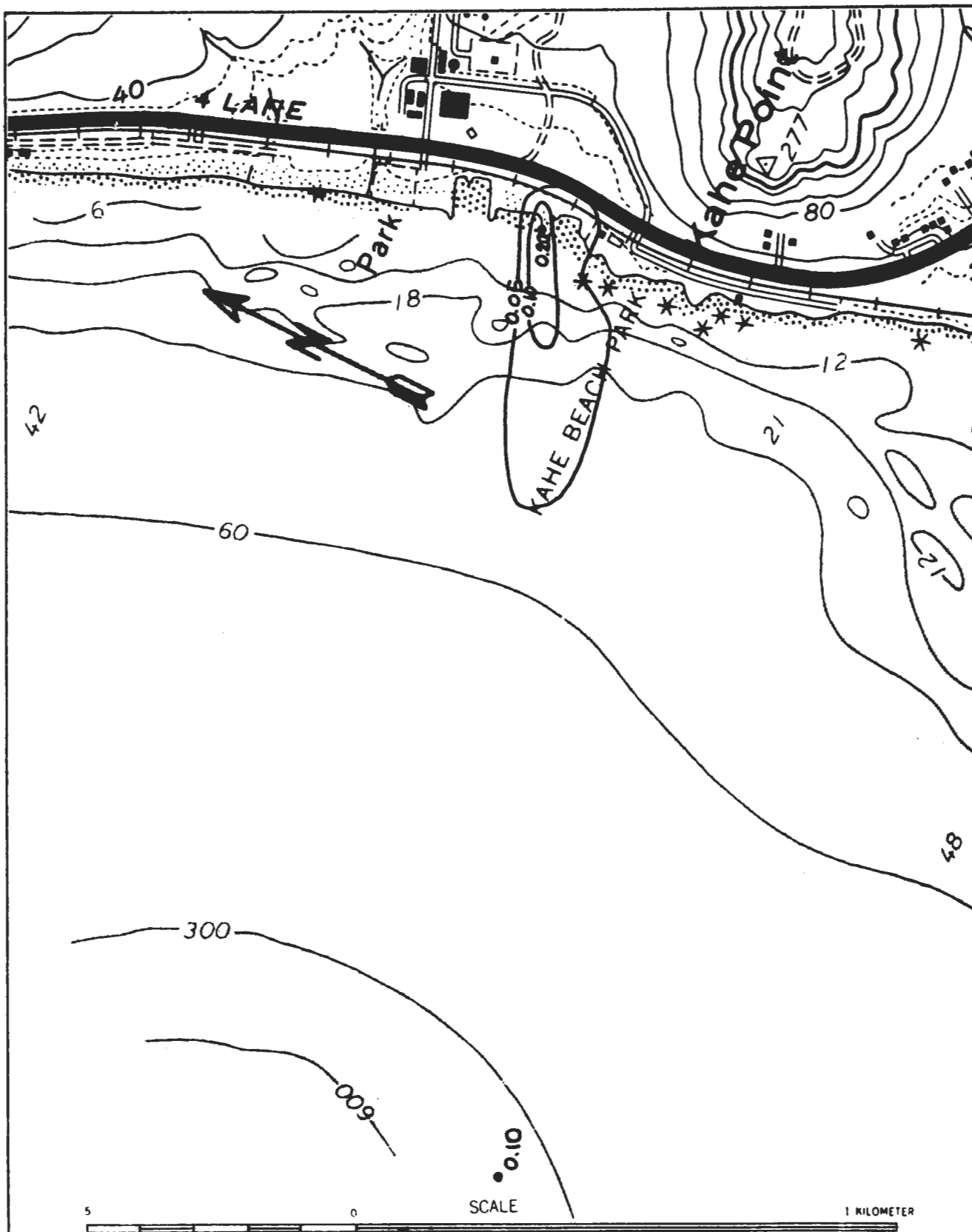


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B44
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 13

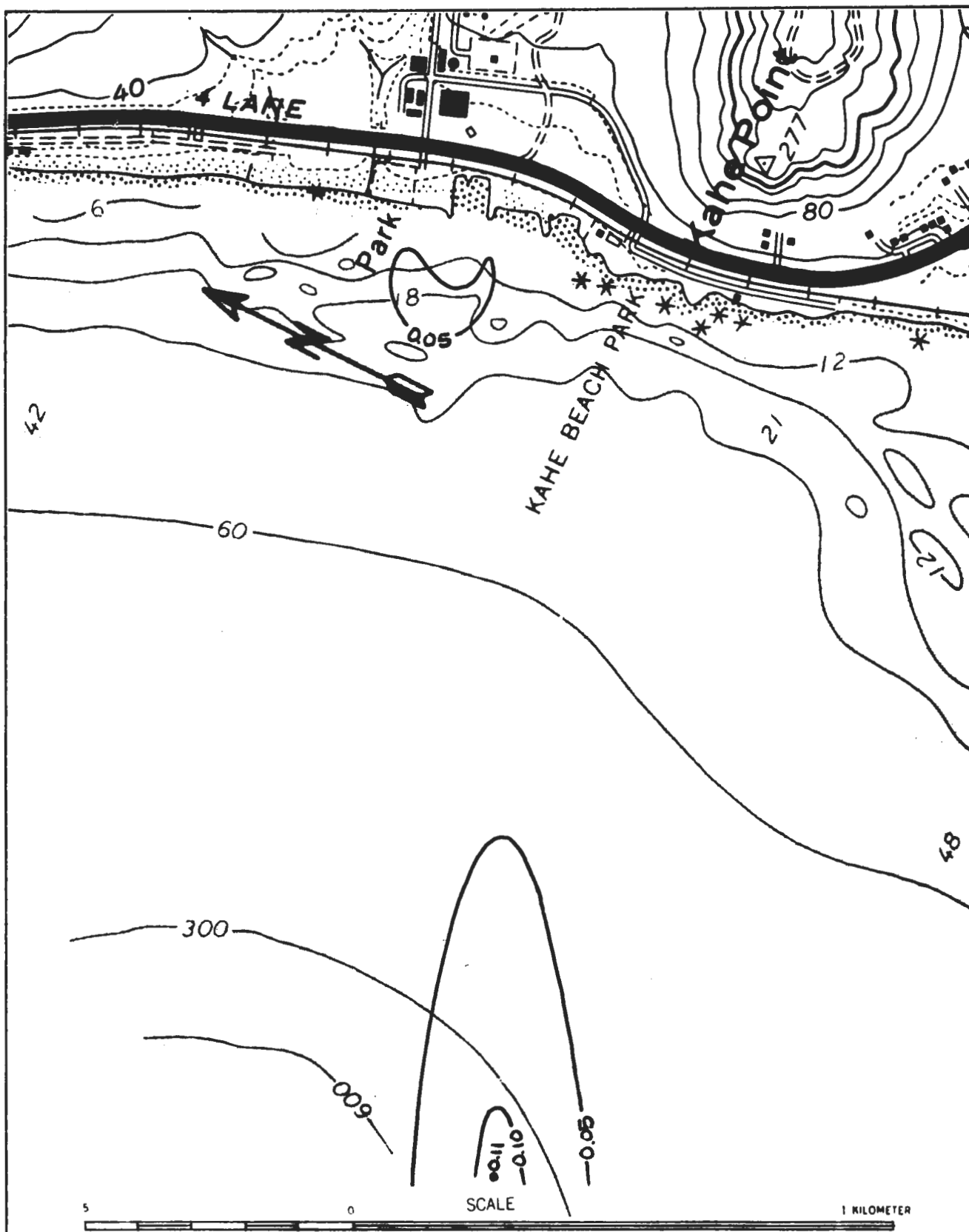


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 63°
 Velocity 13.4 m/s

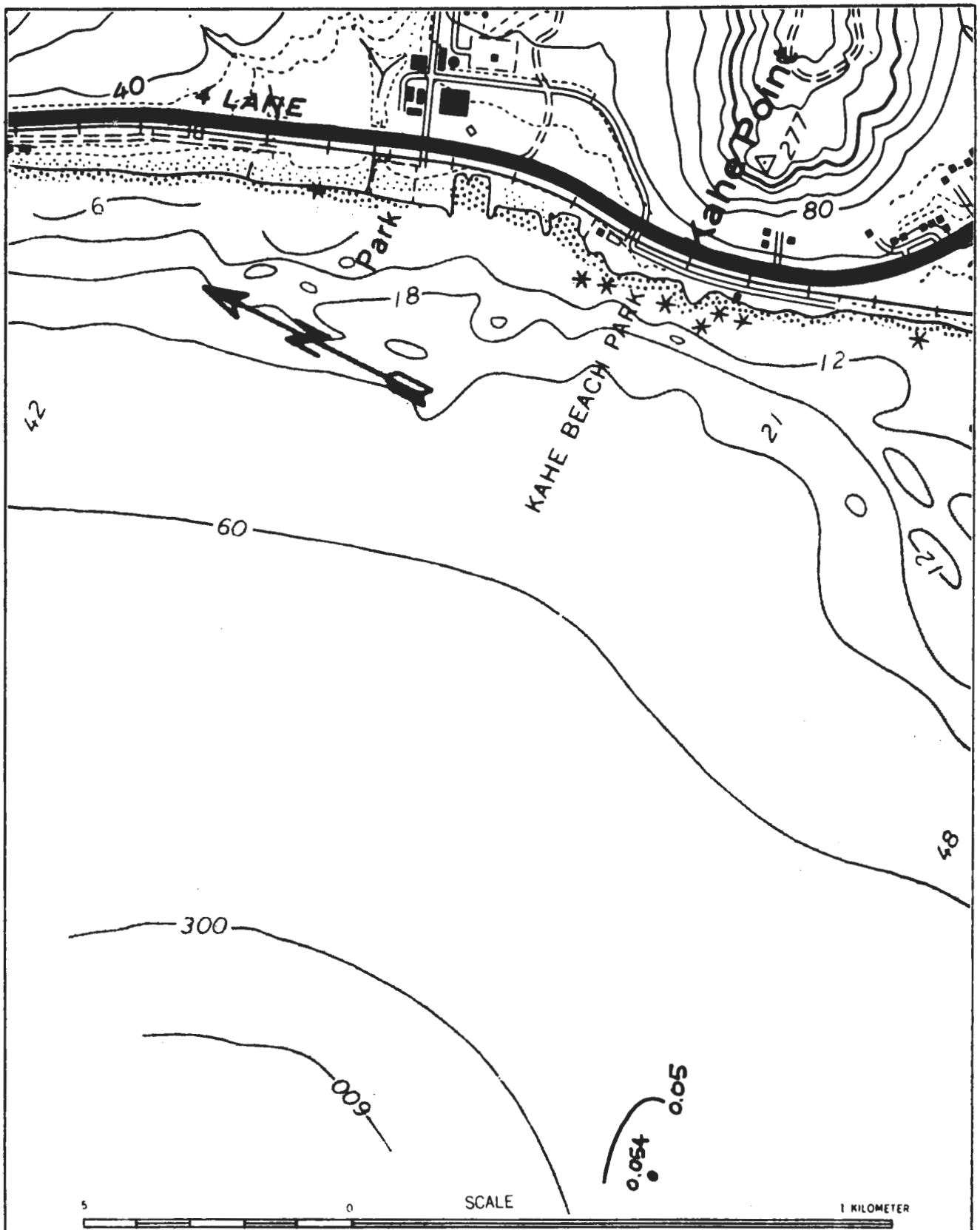
KAHE POWER PLANT Model Study

Figure B45
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 14



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study
 Figure B46
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 14

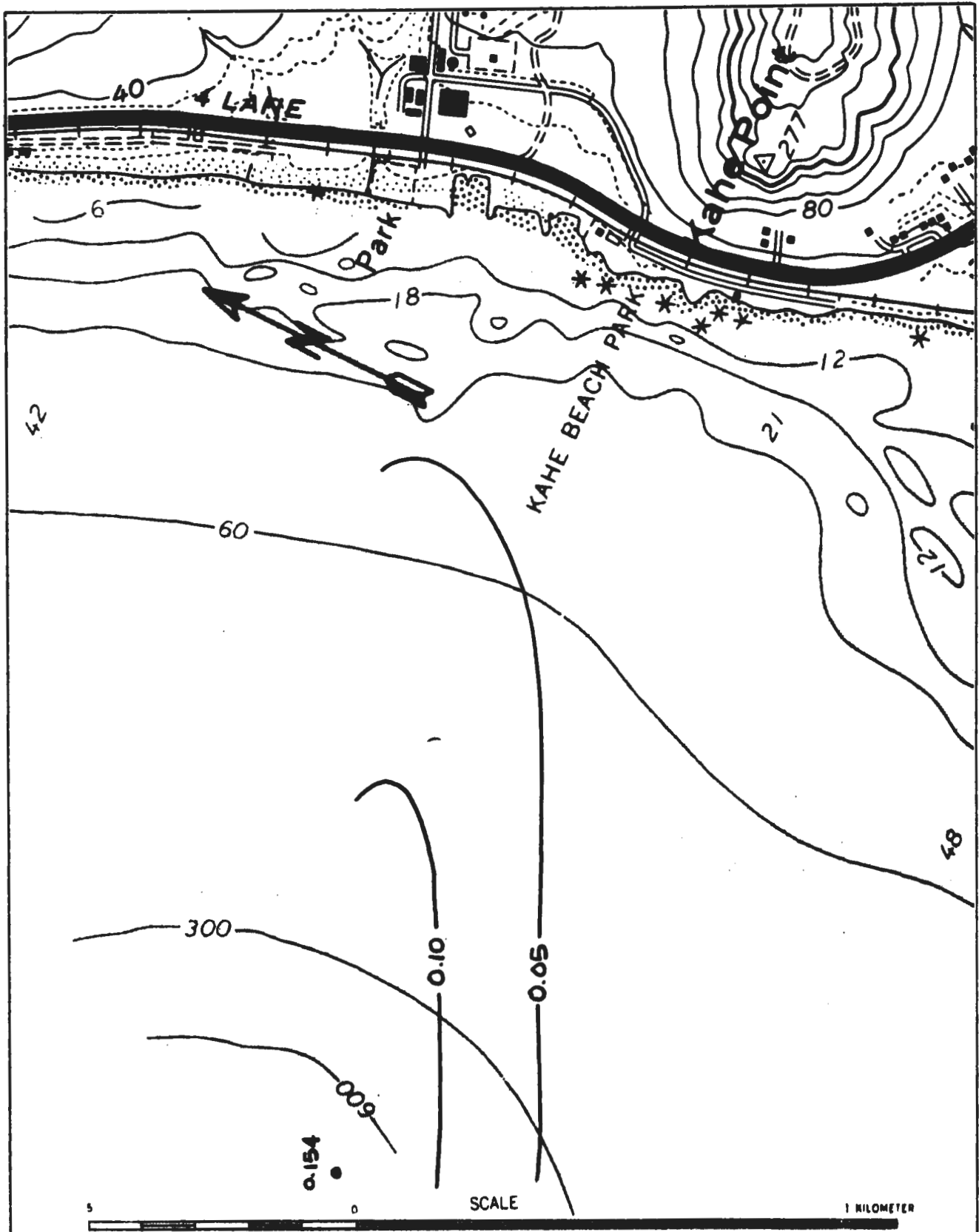


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B47
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 14

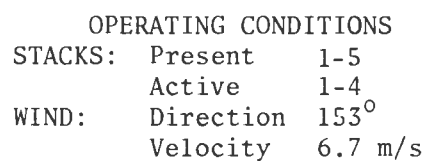


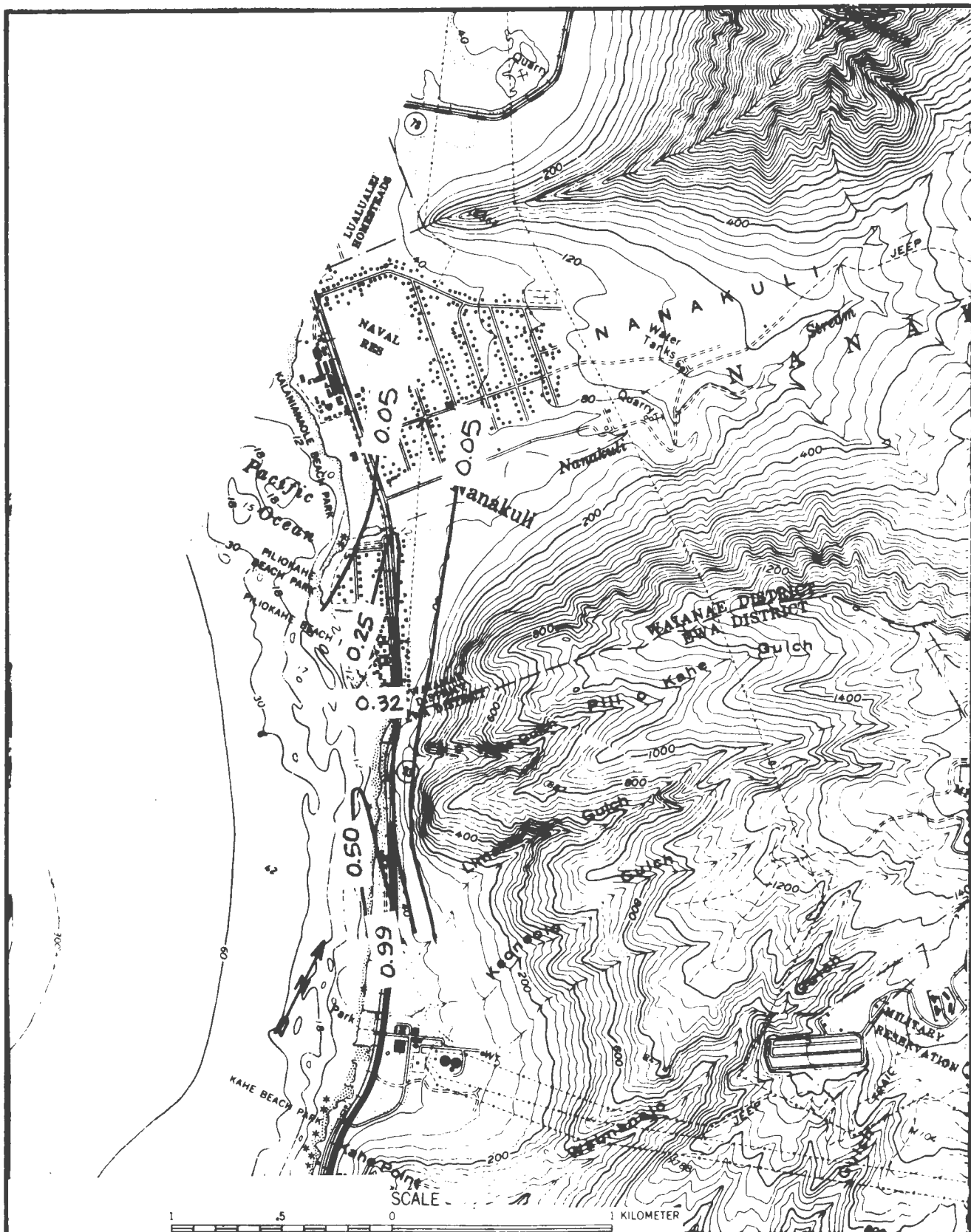
OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 63°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B48
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 14





OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B51
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 16

STACKS: Present 1-5
Active 5
WIND: Direction 153°
Velocity 13.4 m/s



OPERATING CONDITIONS
 STACKS: Present 1-5
 Active 1-4
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B53
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 17

OPERATING CONDITIONS

STACKS:	Present	1-5
	Active	5
WIND:	Direction	153 °
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

Figure B54
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 17

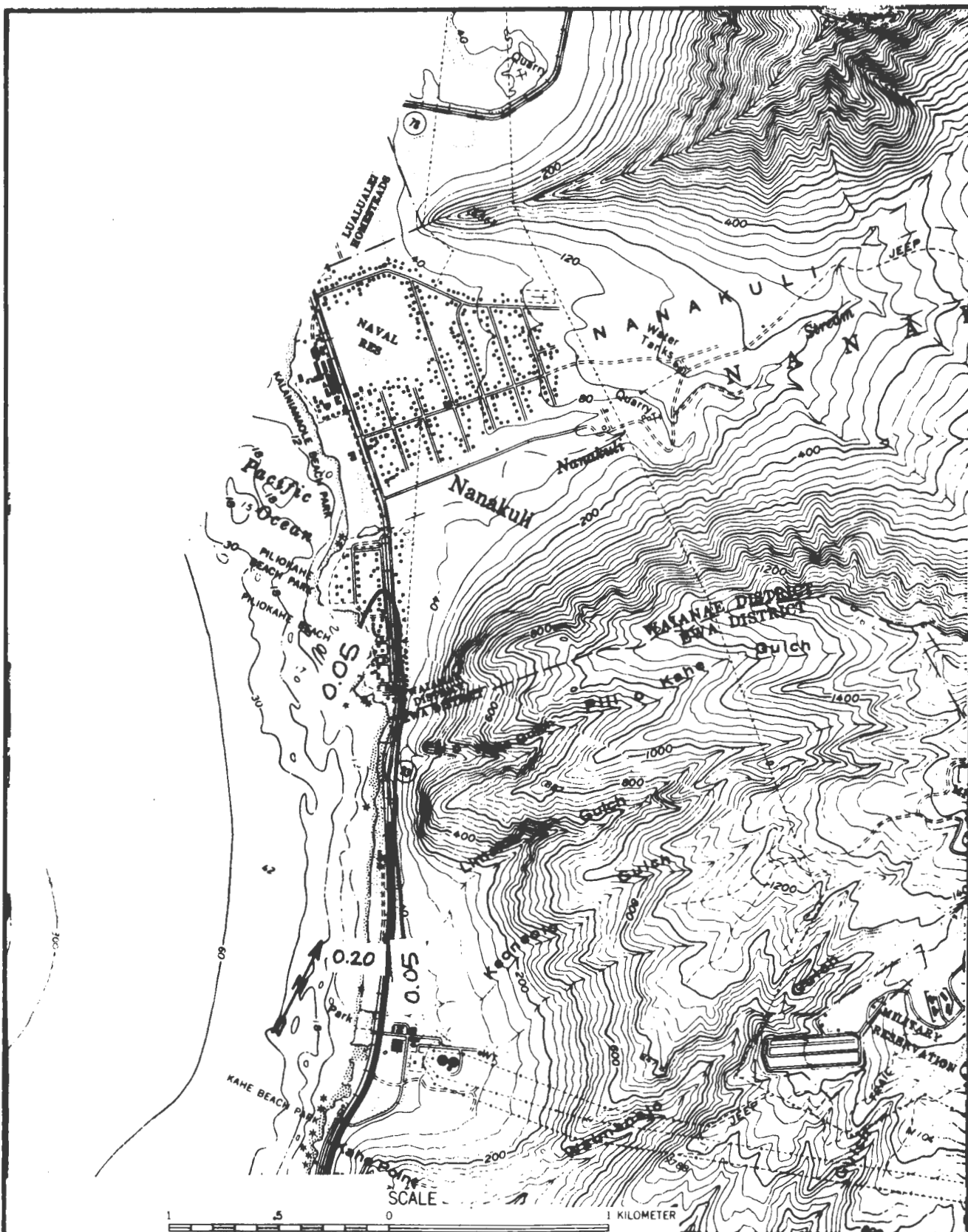


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B55
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 18



OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B56
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 18



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 153 °
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B57
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 19

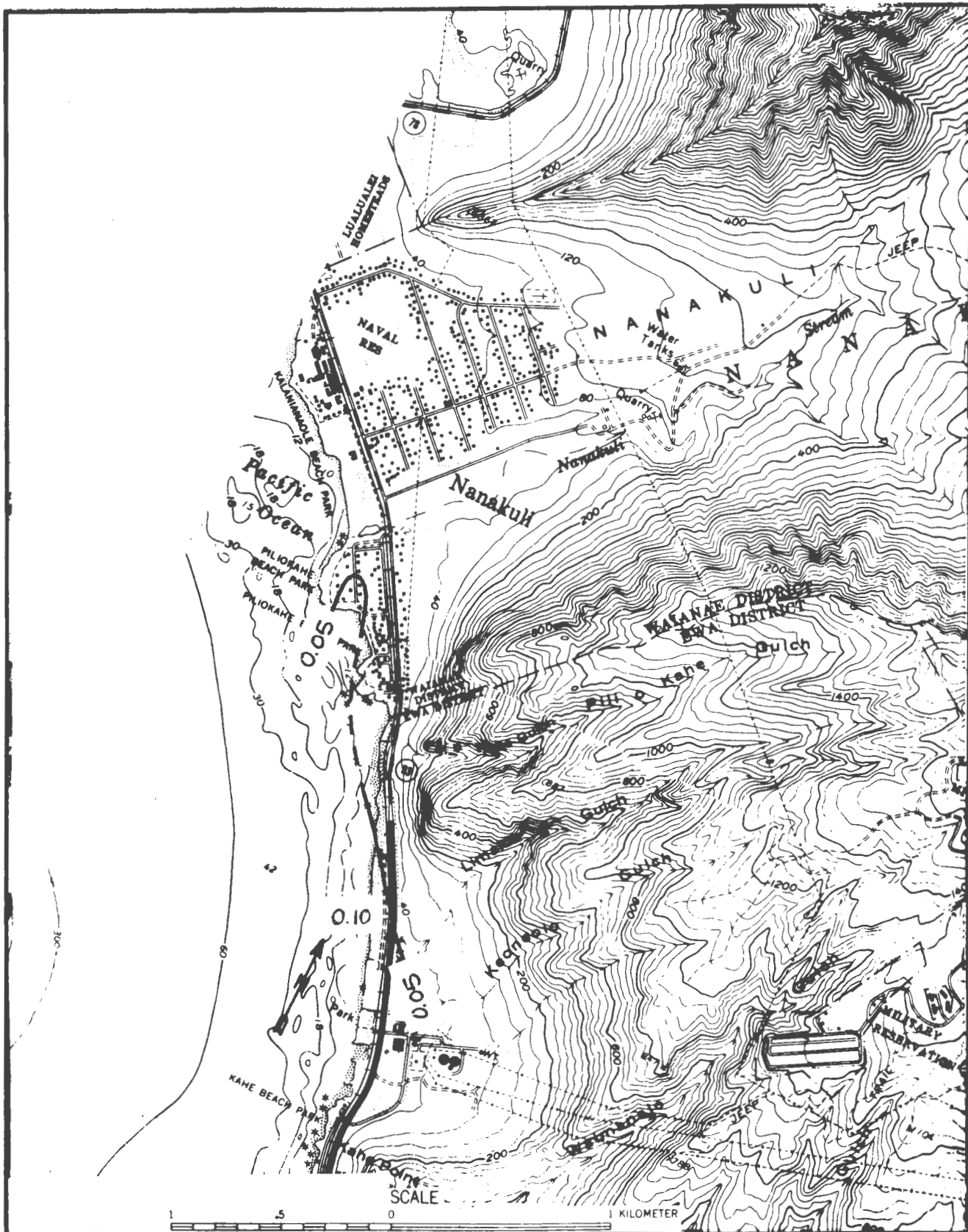


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B58
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 19



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B59
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 19

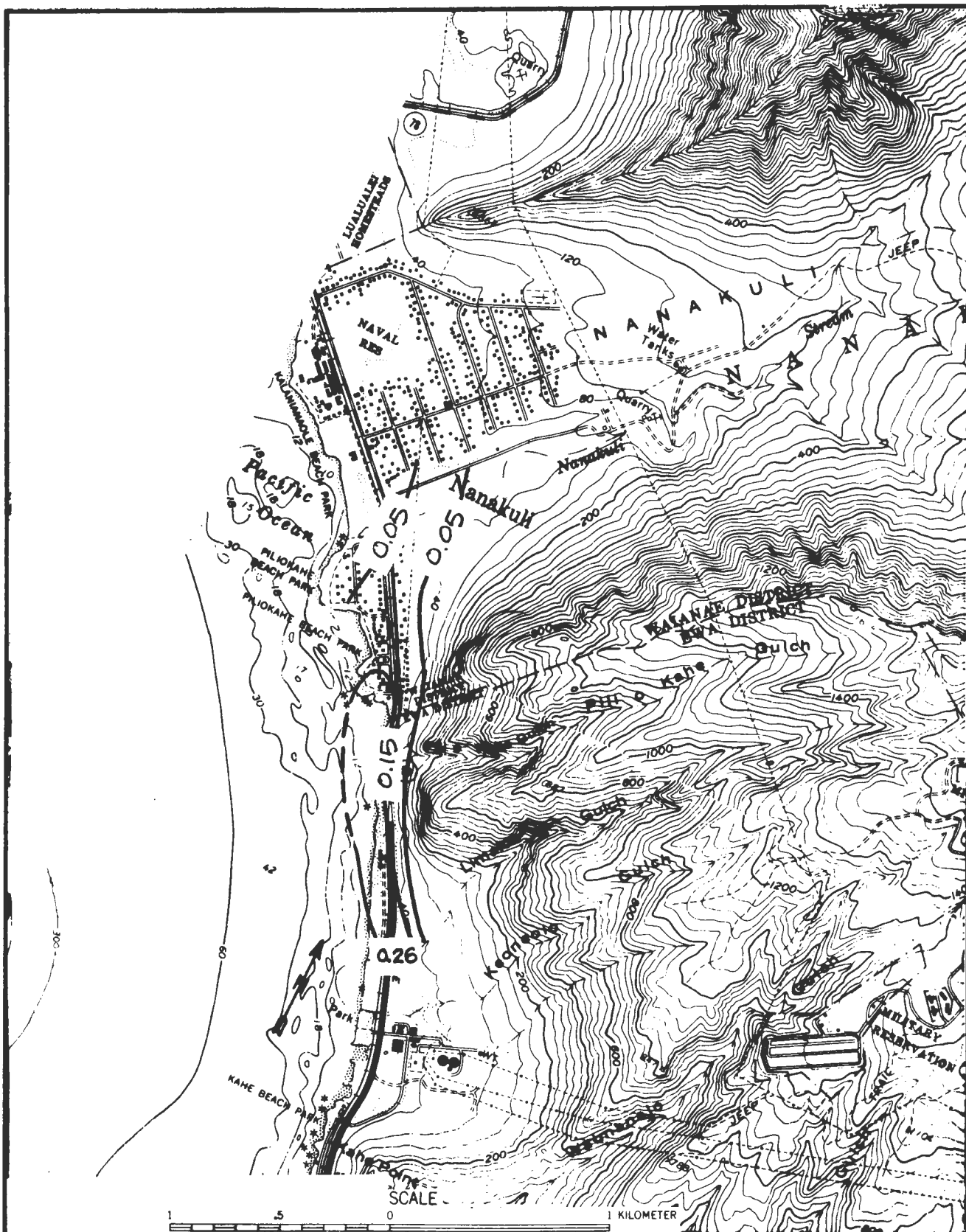


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B60
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 19

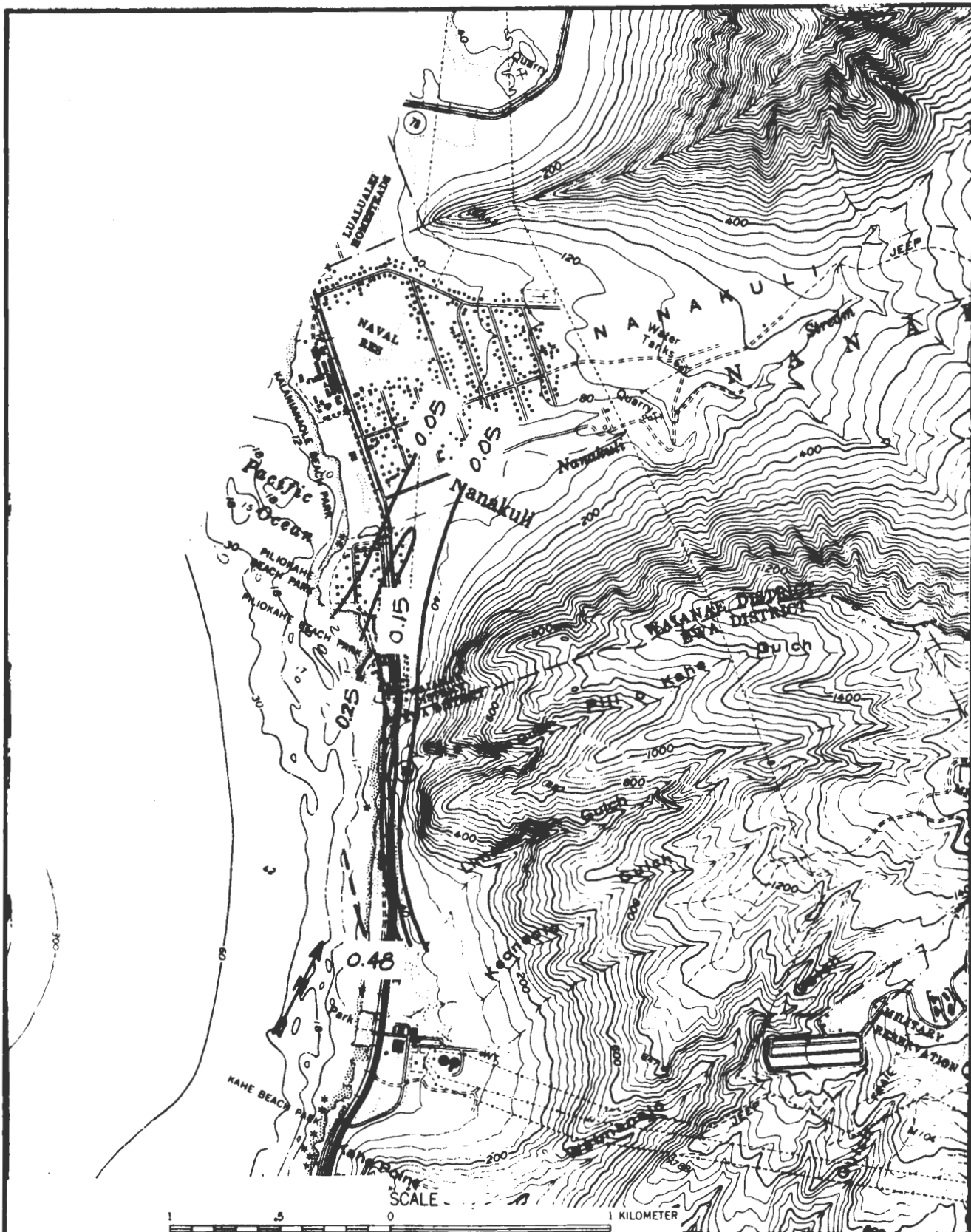


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B61
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 20



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B62
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 20

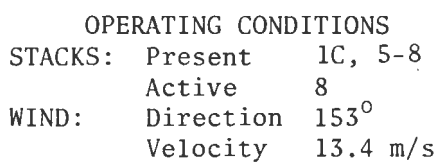
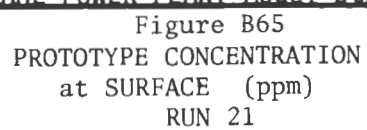
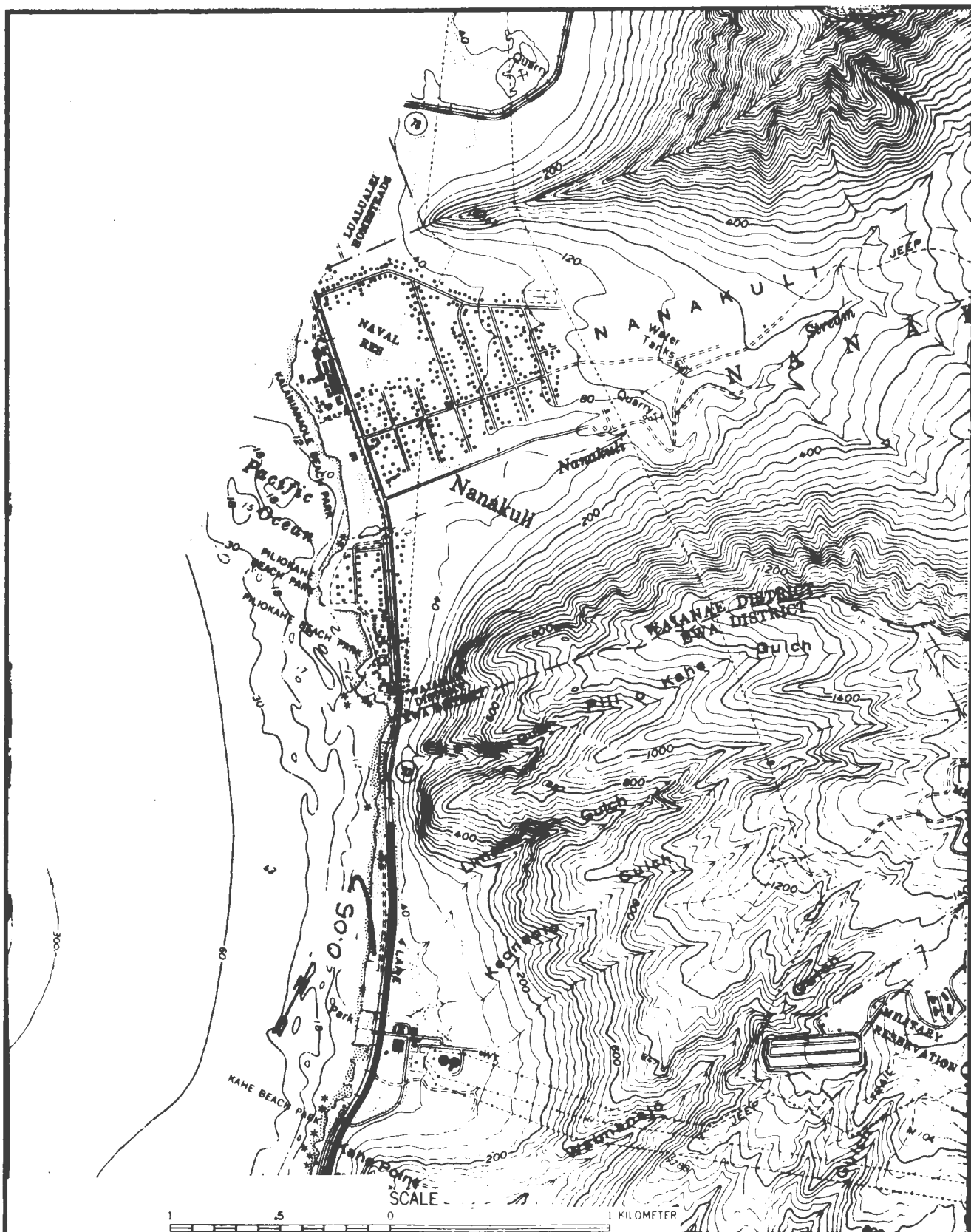


Figure B63
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 20

Figure B64
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 20





OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 153 °
 Velocity

KAHE POWER PLANT Model Study

Figure B66
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 21

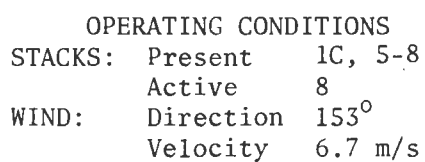


Figure B67
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 21



KAHE POWER PLANT Model Study

Figure B68
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 21

KAHE POWER PLANT Model Study



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

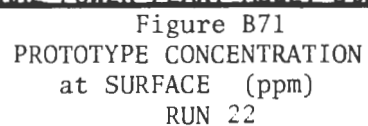
Figure B69
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 22

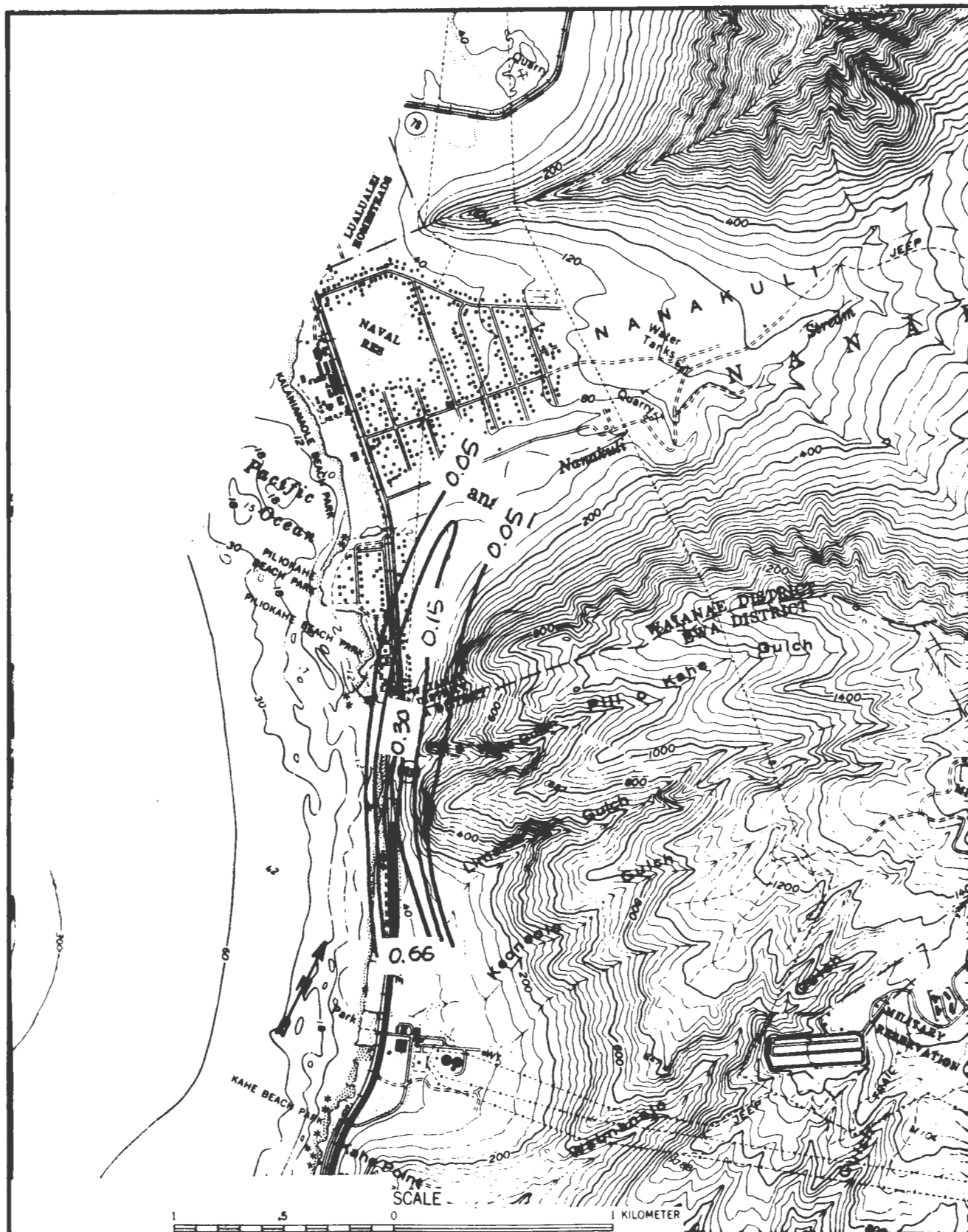


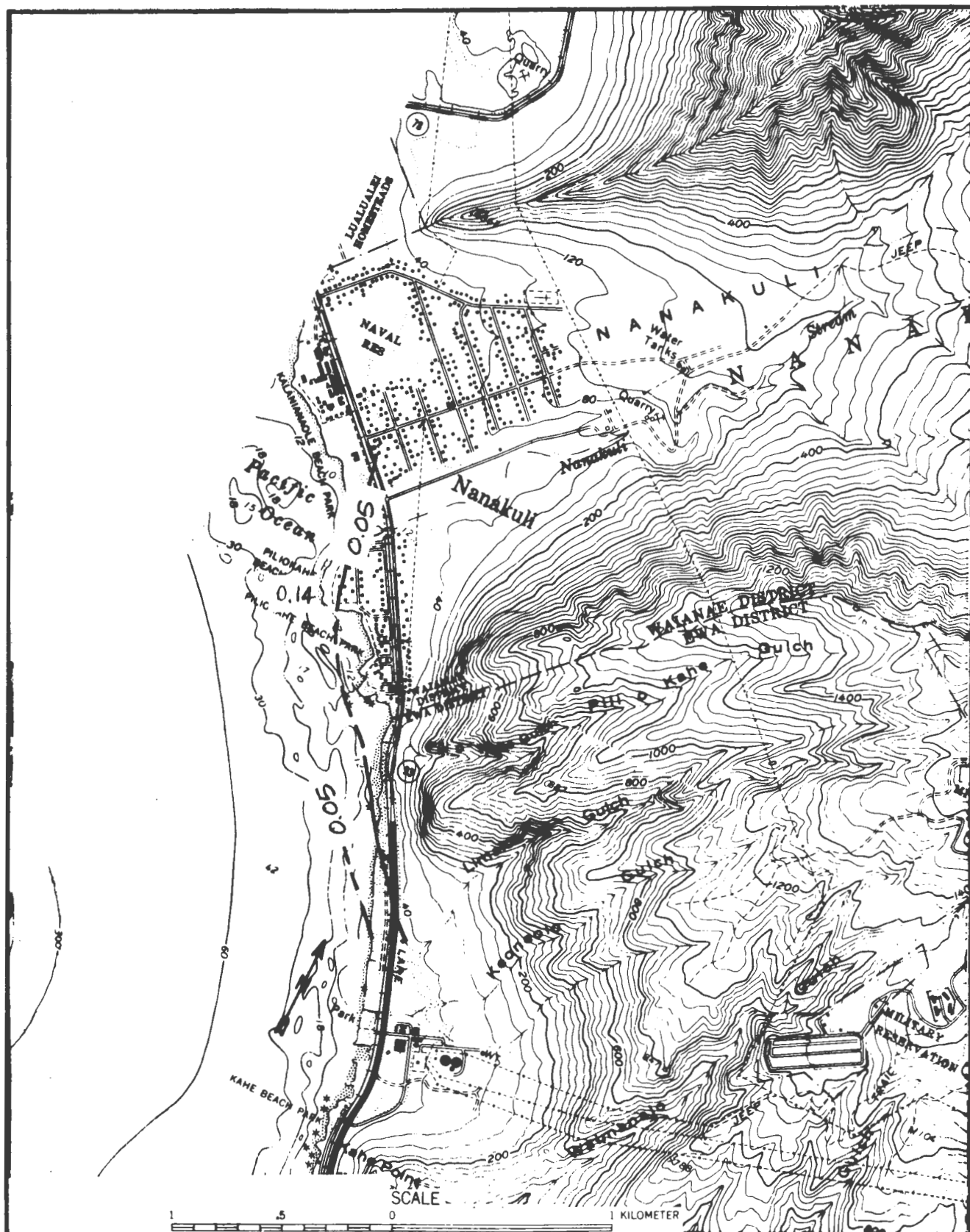
OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B70
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 22





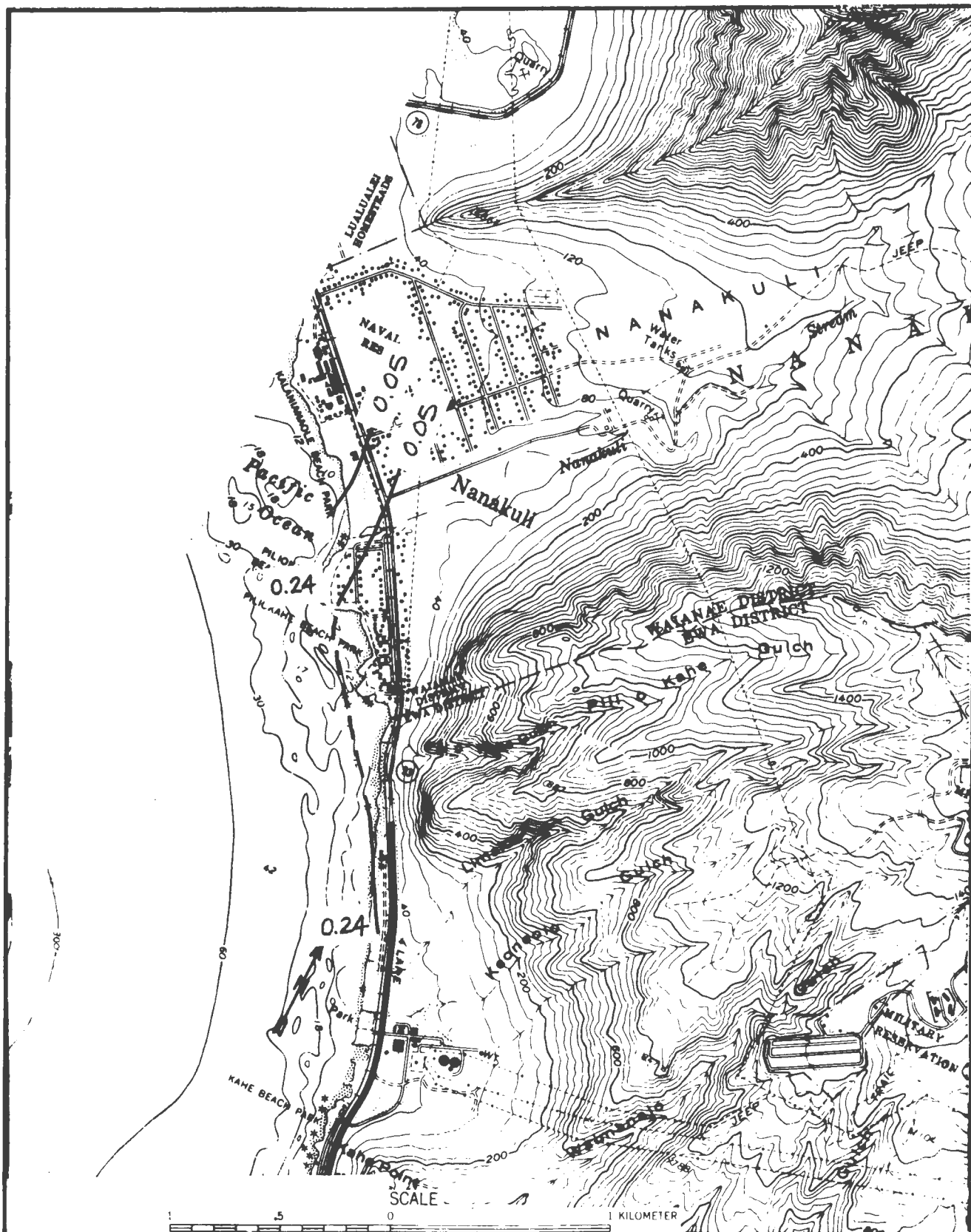


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B73
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 23

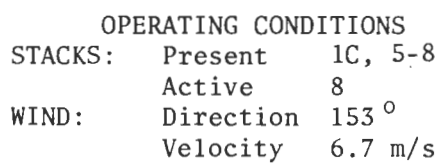


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B74
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 23

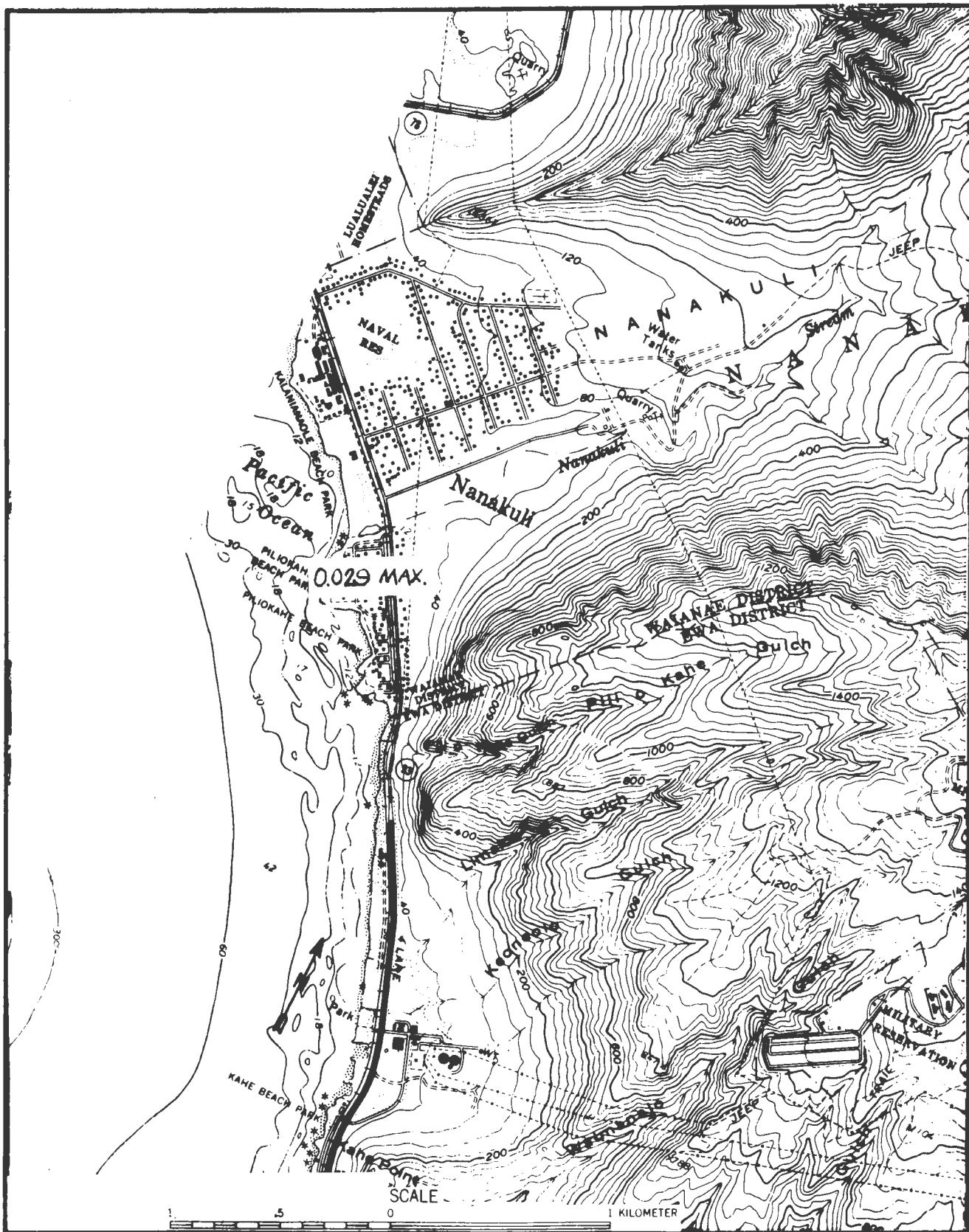




PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 24

Figure B78
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 24

Figure B80
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 24

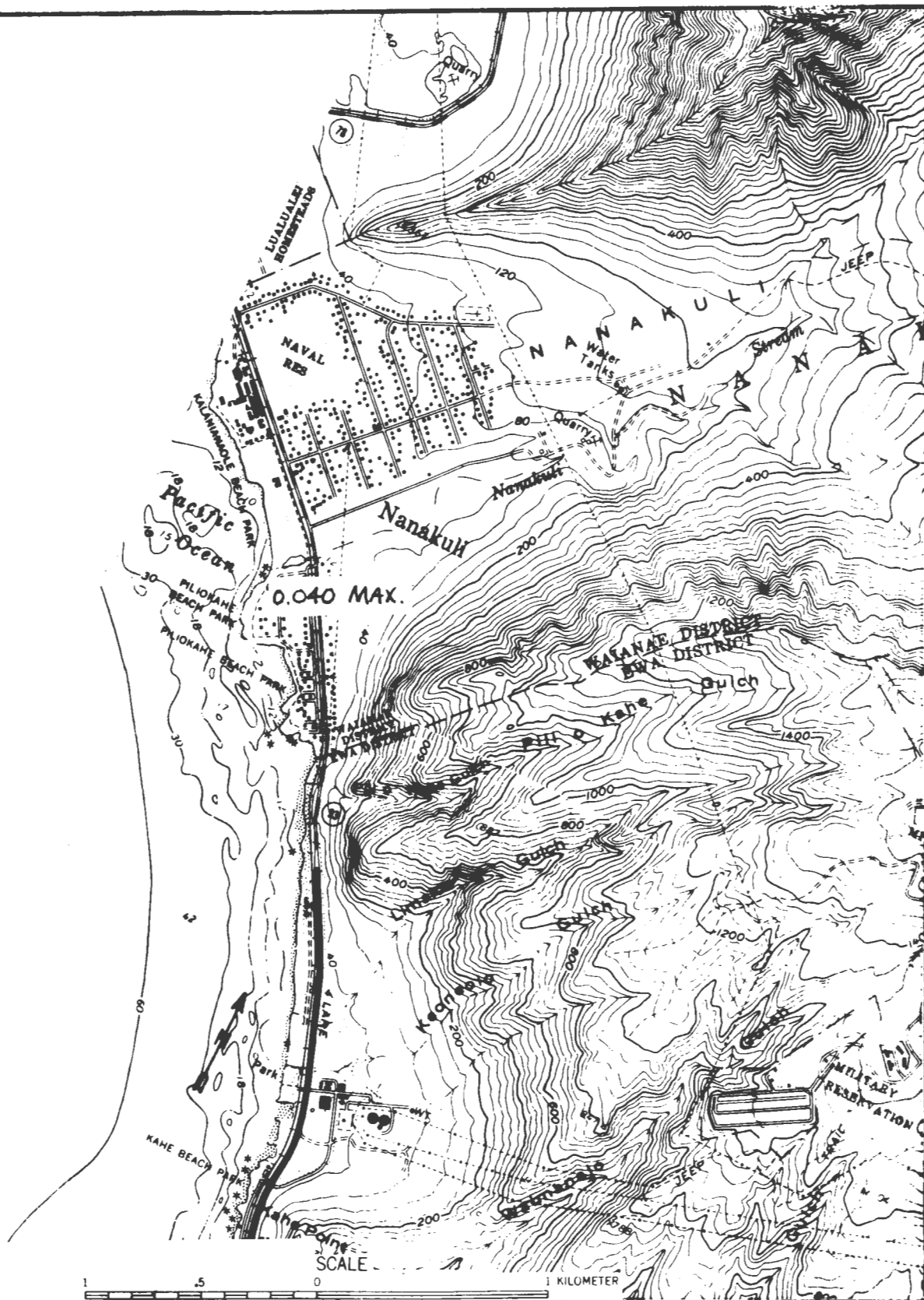


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B81
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 25

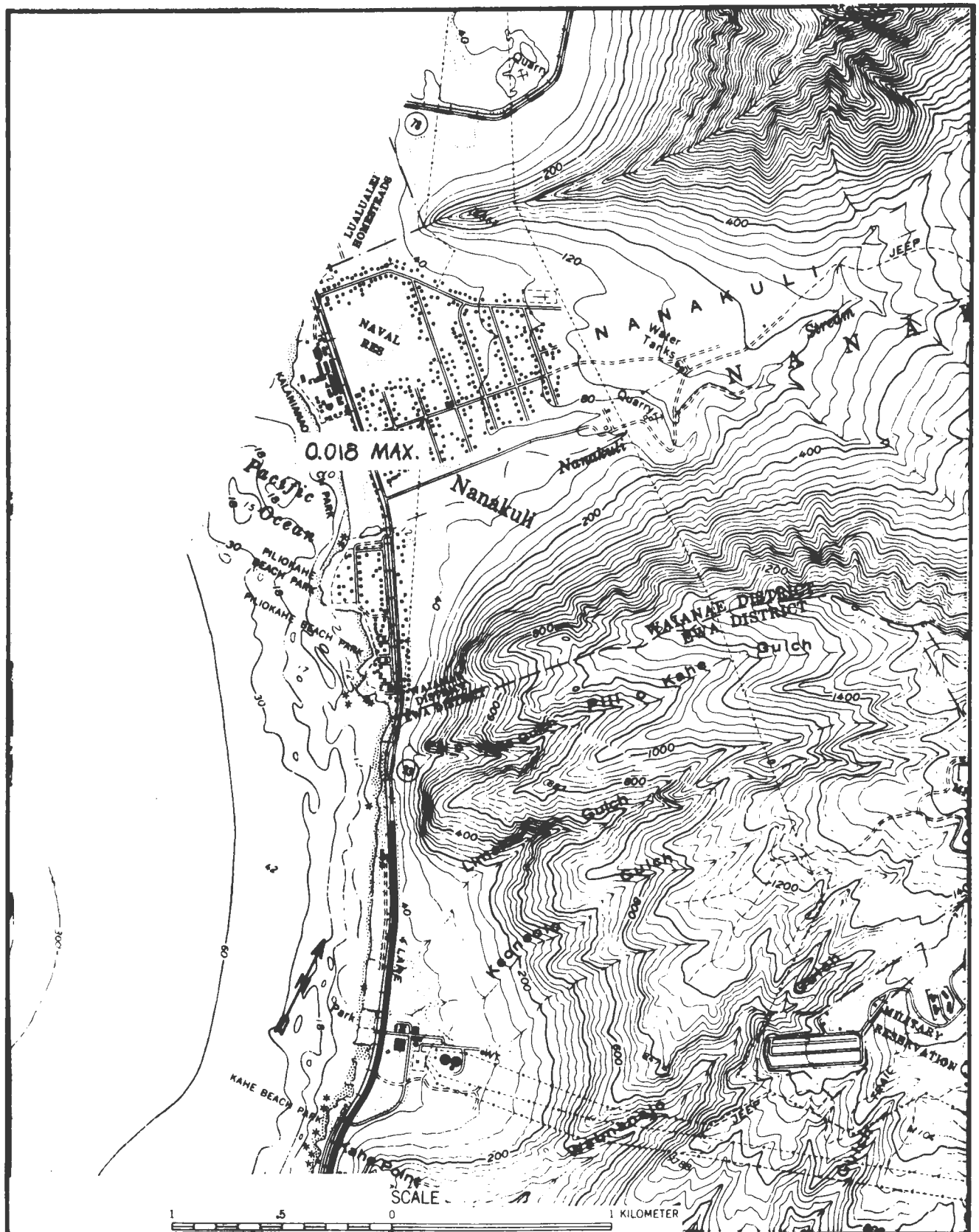


OPERATING CONDITIONS

STACKS:	Present	1C, 5-8
	Active	7
WIND:	Direction	153°
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

Figure B82
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 25

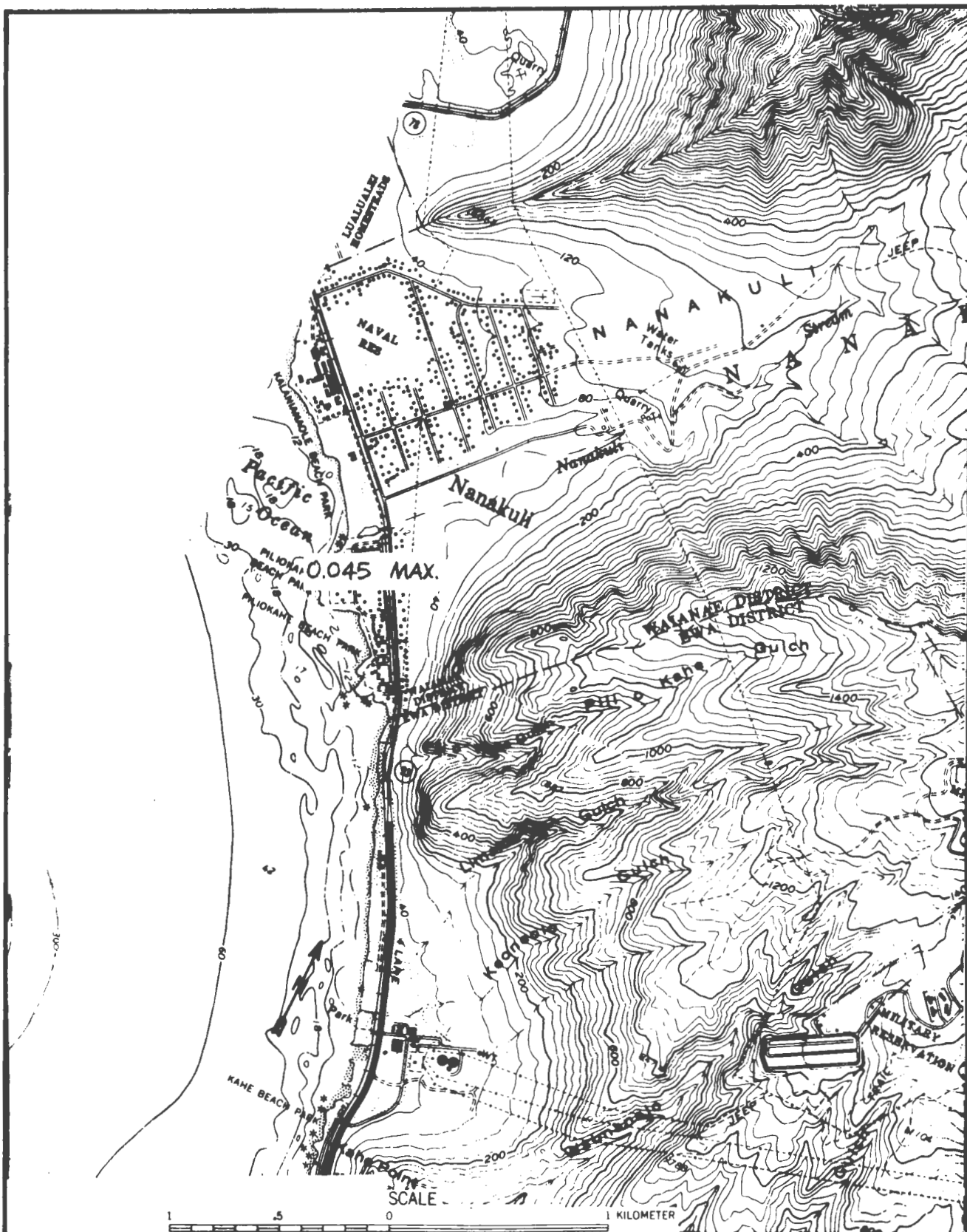


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B83
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 25

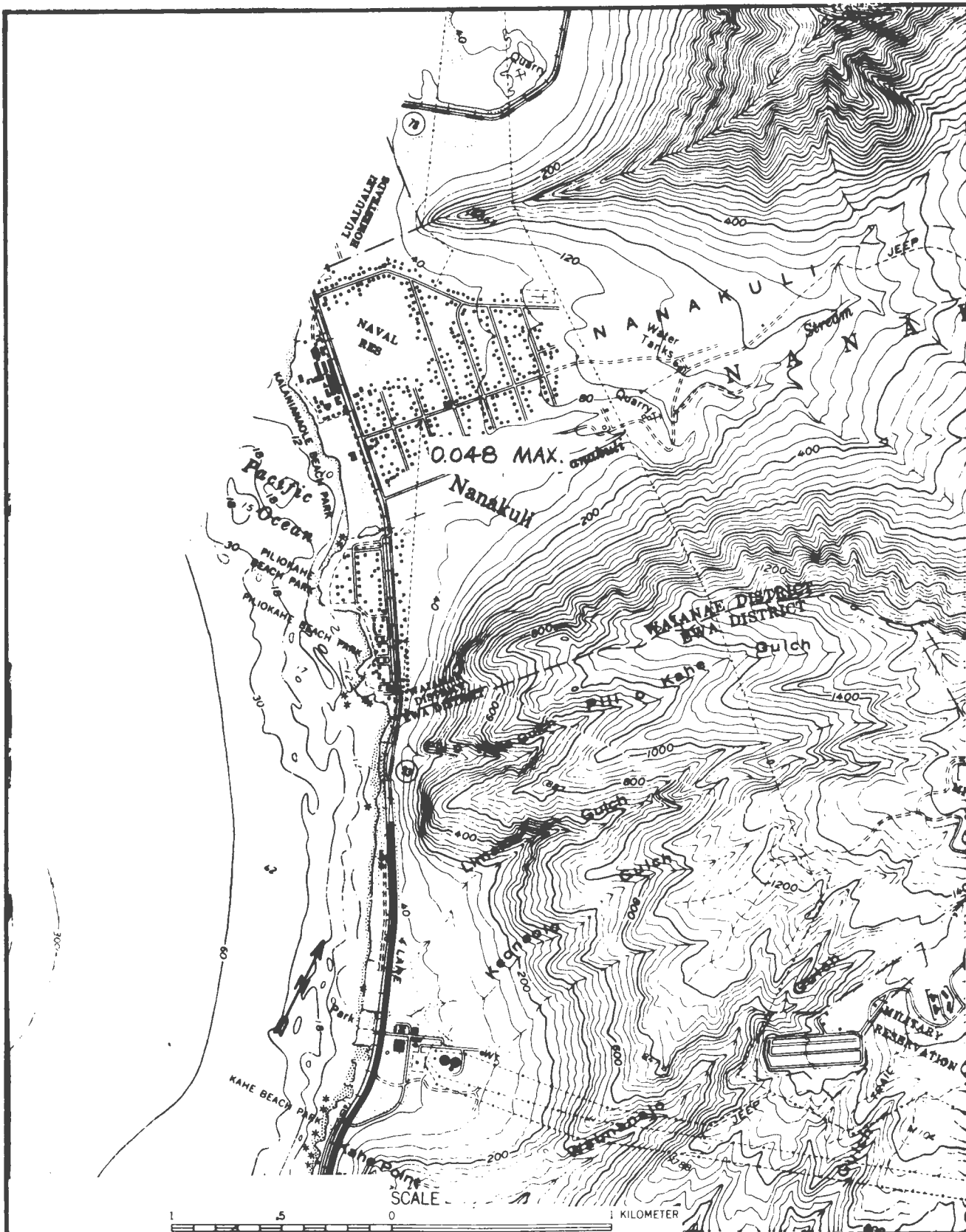


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 153°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B84
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 25



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B85
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 26

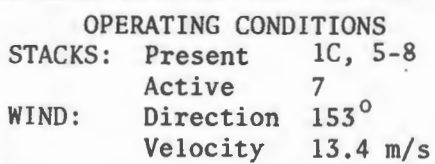
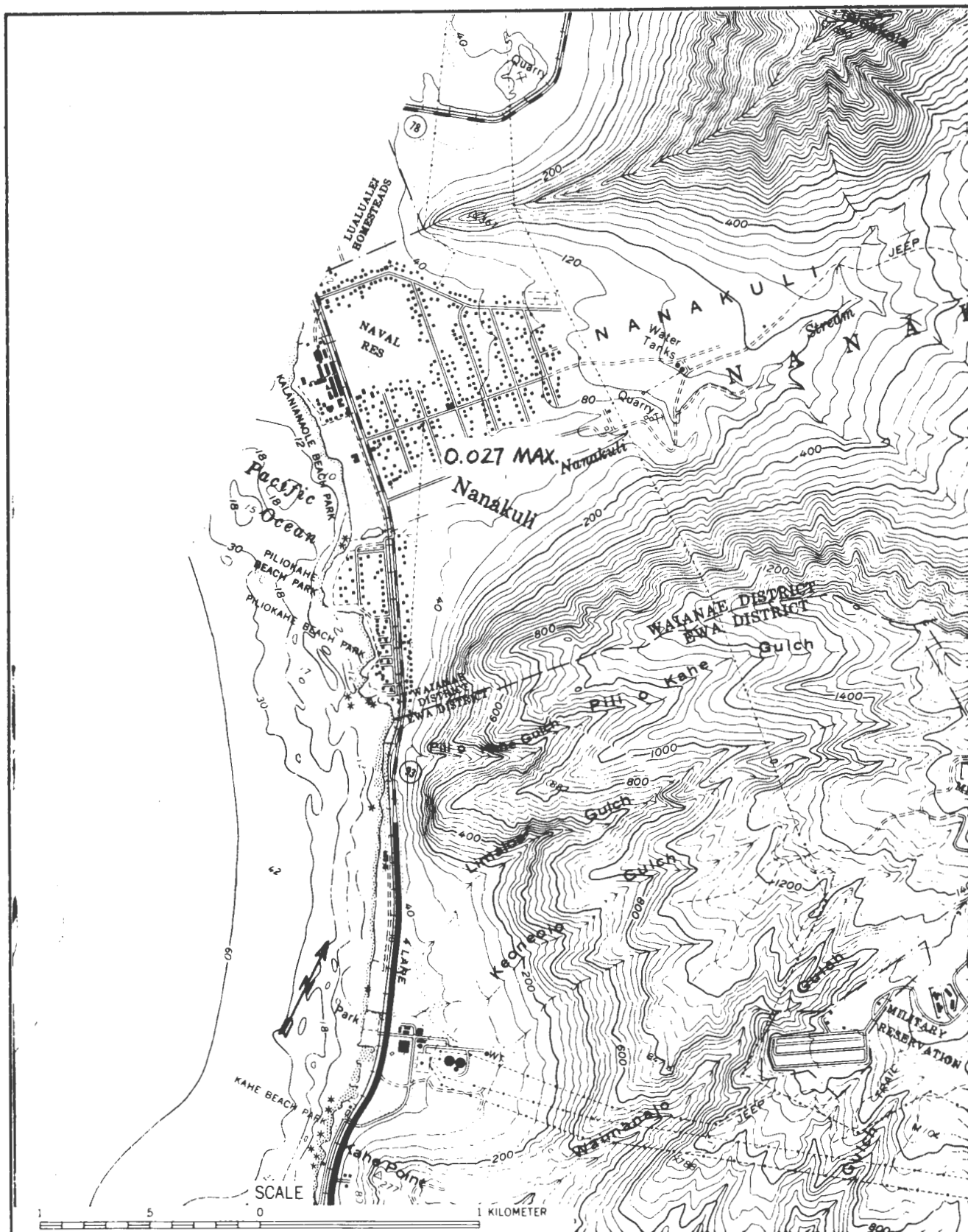


Figure B86
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
Run 26



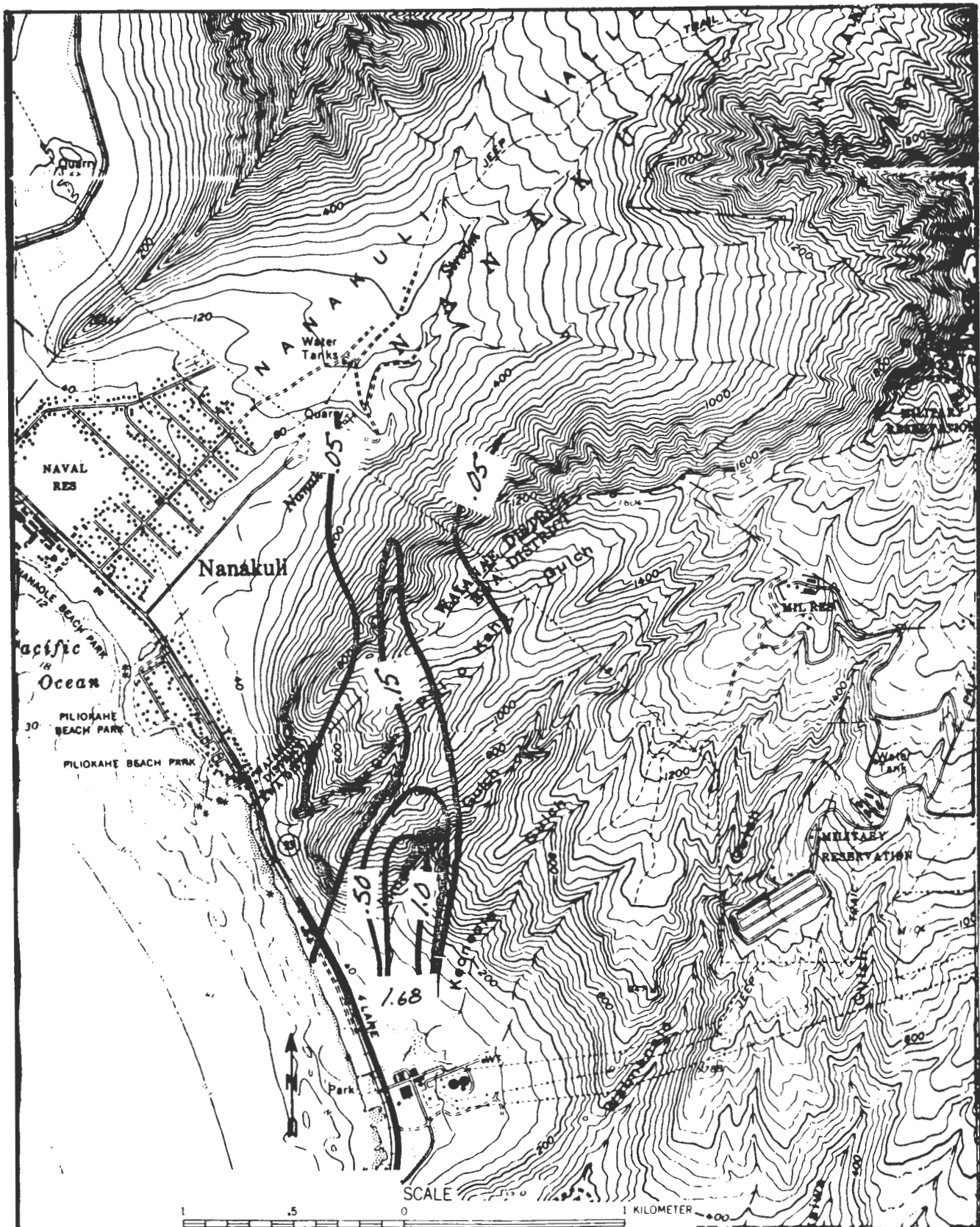
OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 153°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B87
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 Run 26

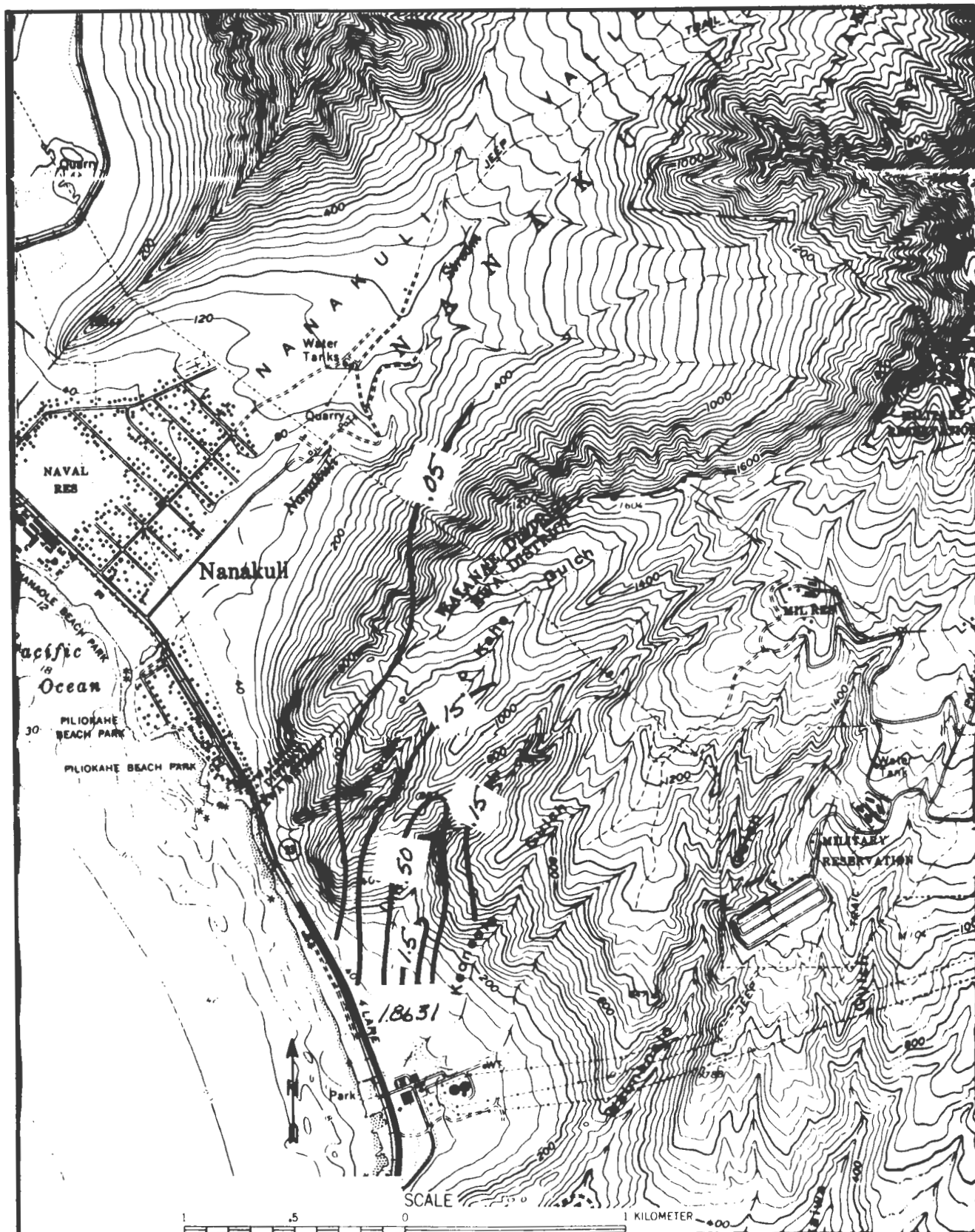
Figure B88
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
Run 26



OPERATING CONDITIONS:
 STACKS: Present 1-5
 Active 1-4
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B89
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 27

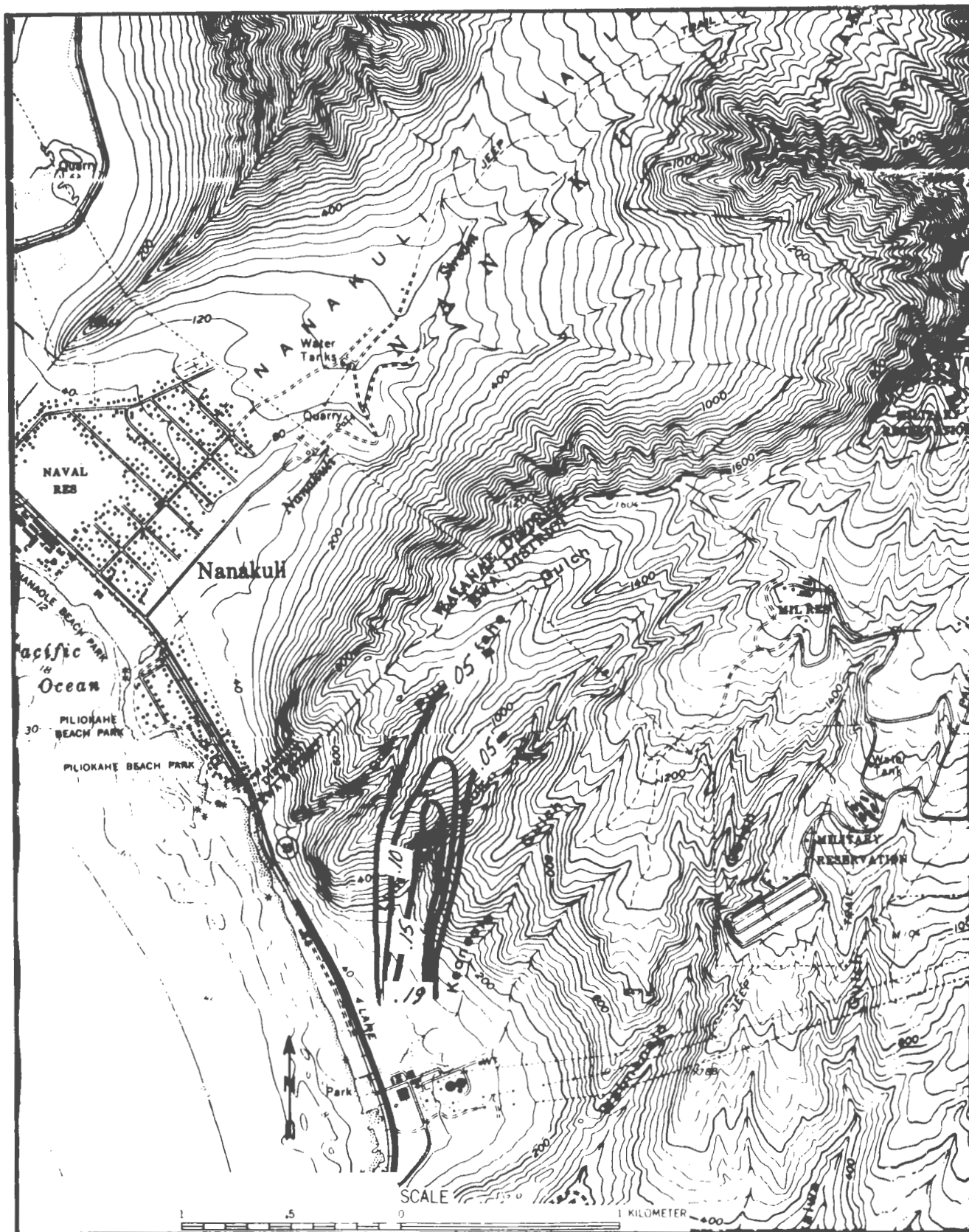


OPERATING CONDITIONS:

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B91
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 28

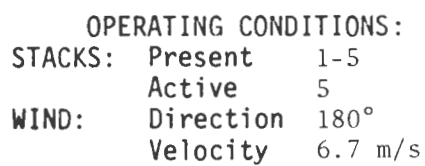


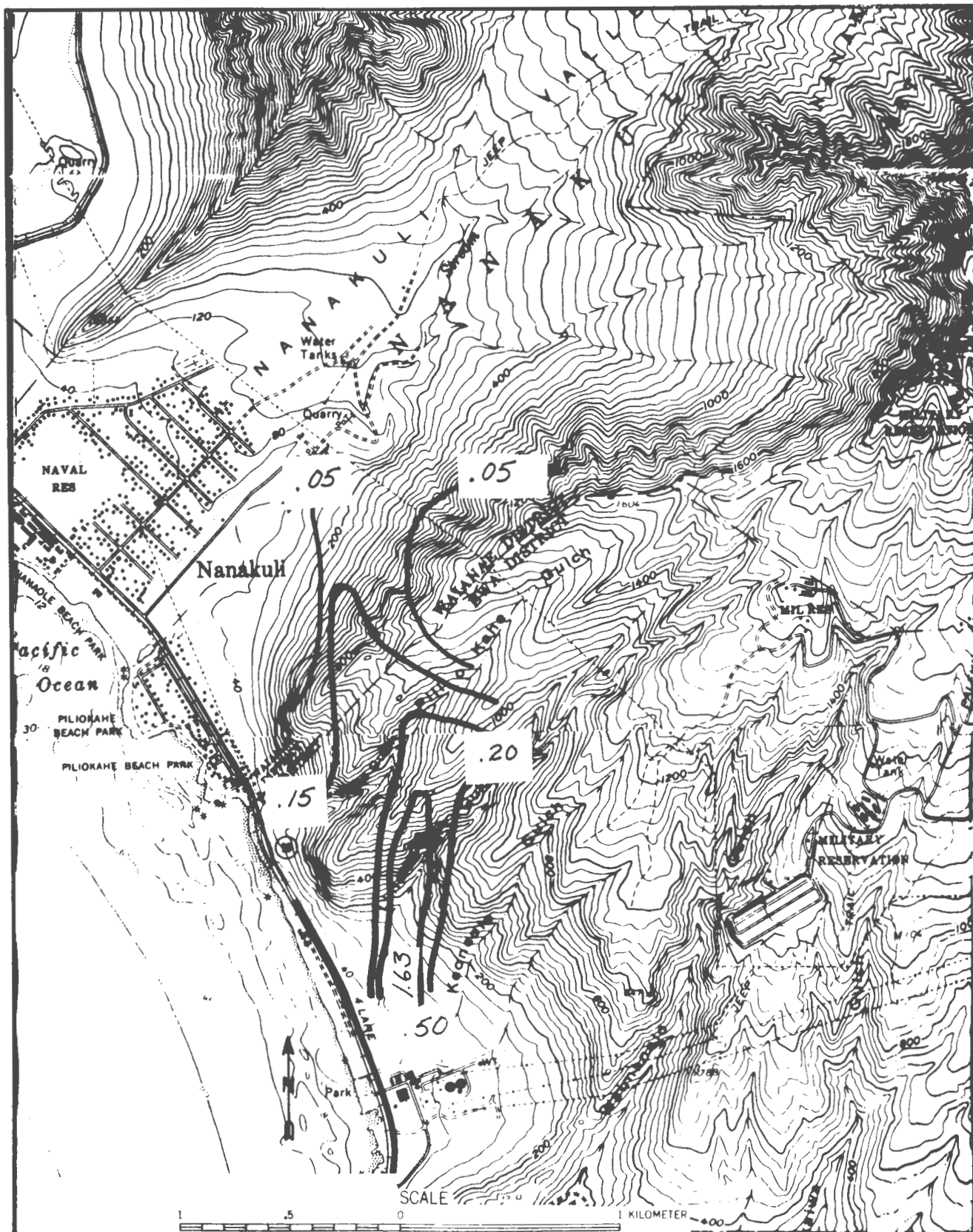
OPERATING CONDITIONS:

STACKS: Present 1-5
 Active 5
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B92
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 28



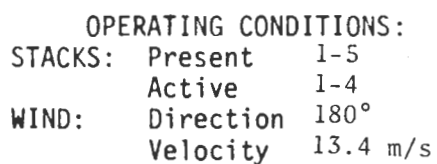


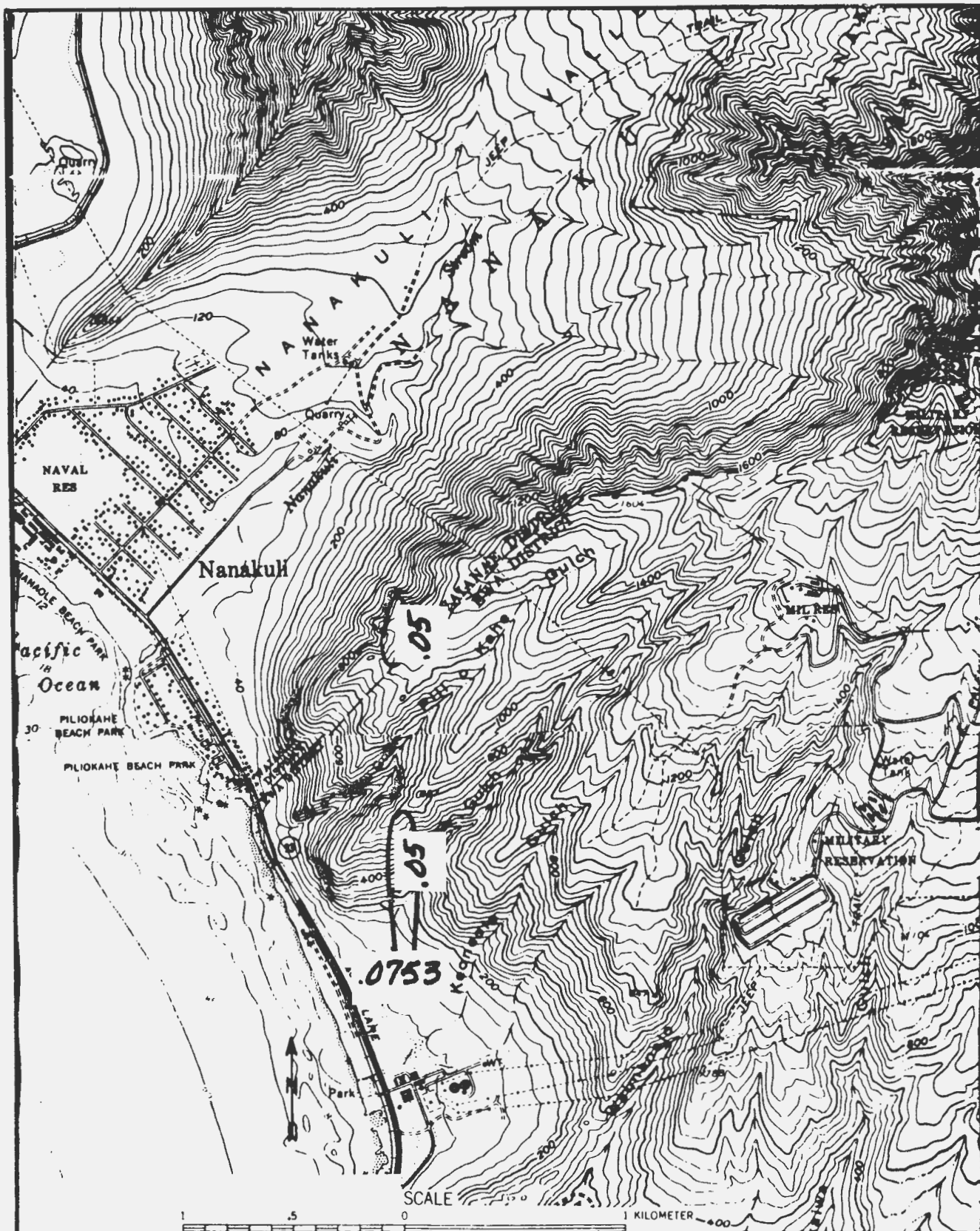
OPERATING CONDITIONS:

STACKS:	Present	1-5
	Active	1-4
WIND:	Direction	180°
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

Figure B94
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 29



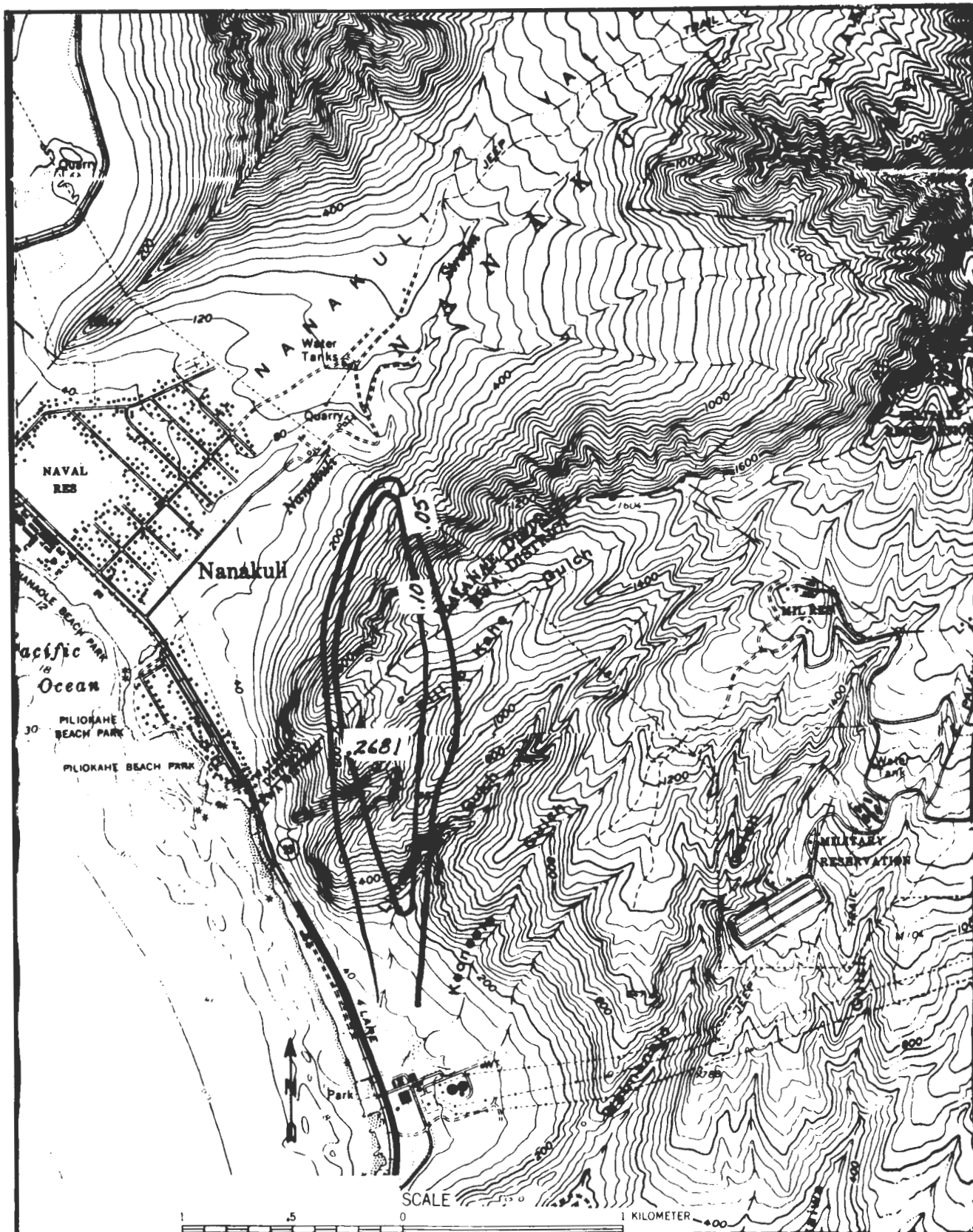


OPERATING CONDITIONS:

STACKS: Present 1-5
 Active 5
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B96
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 30

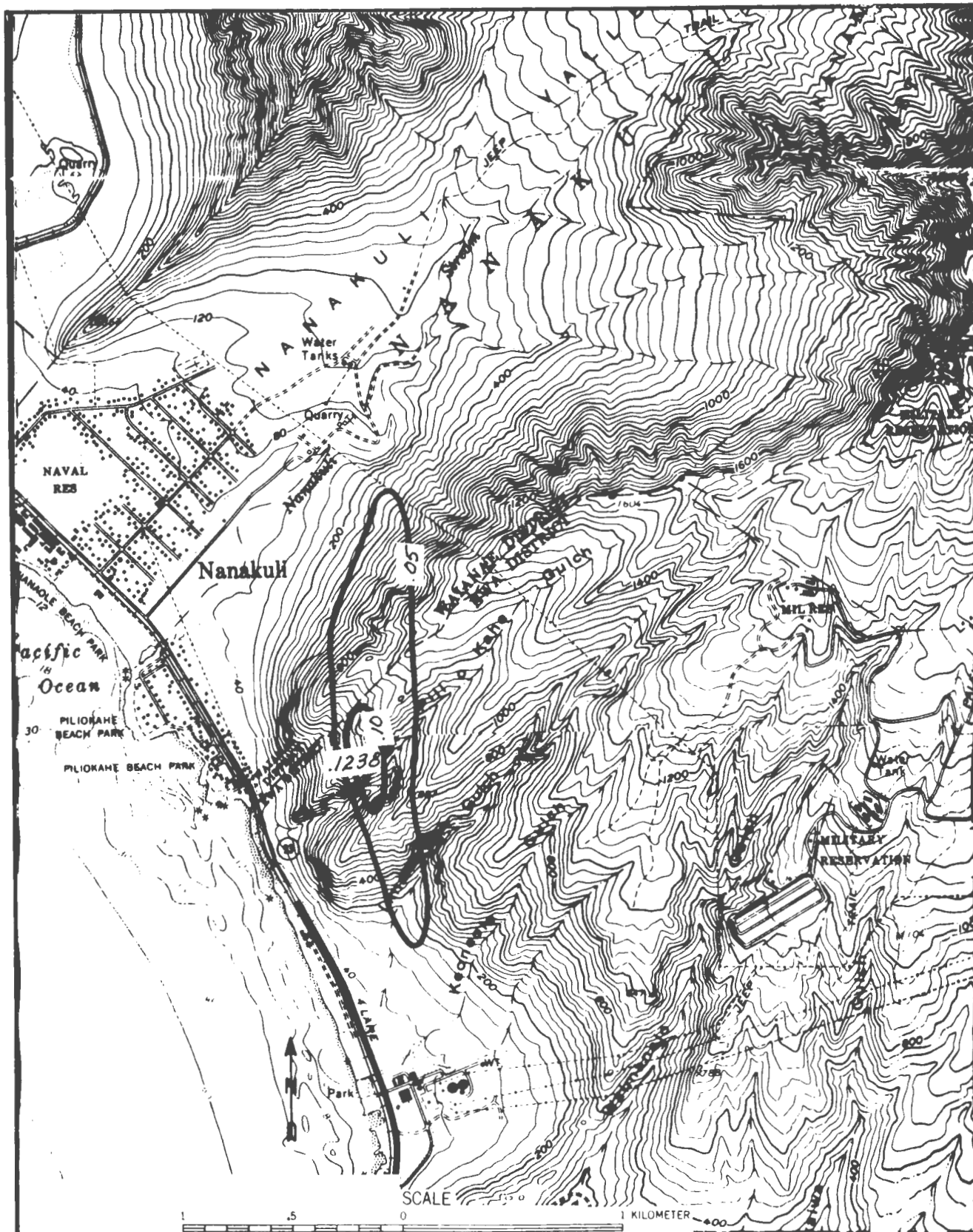


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 1C
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B97
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 31

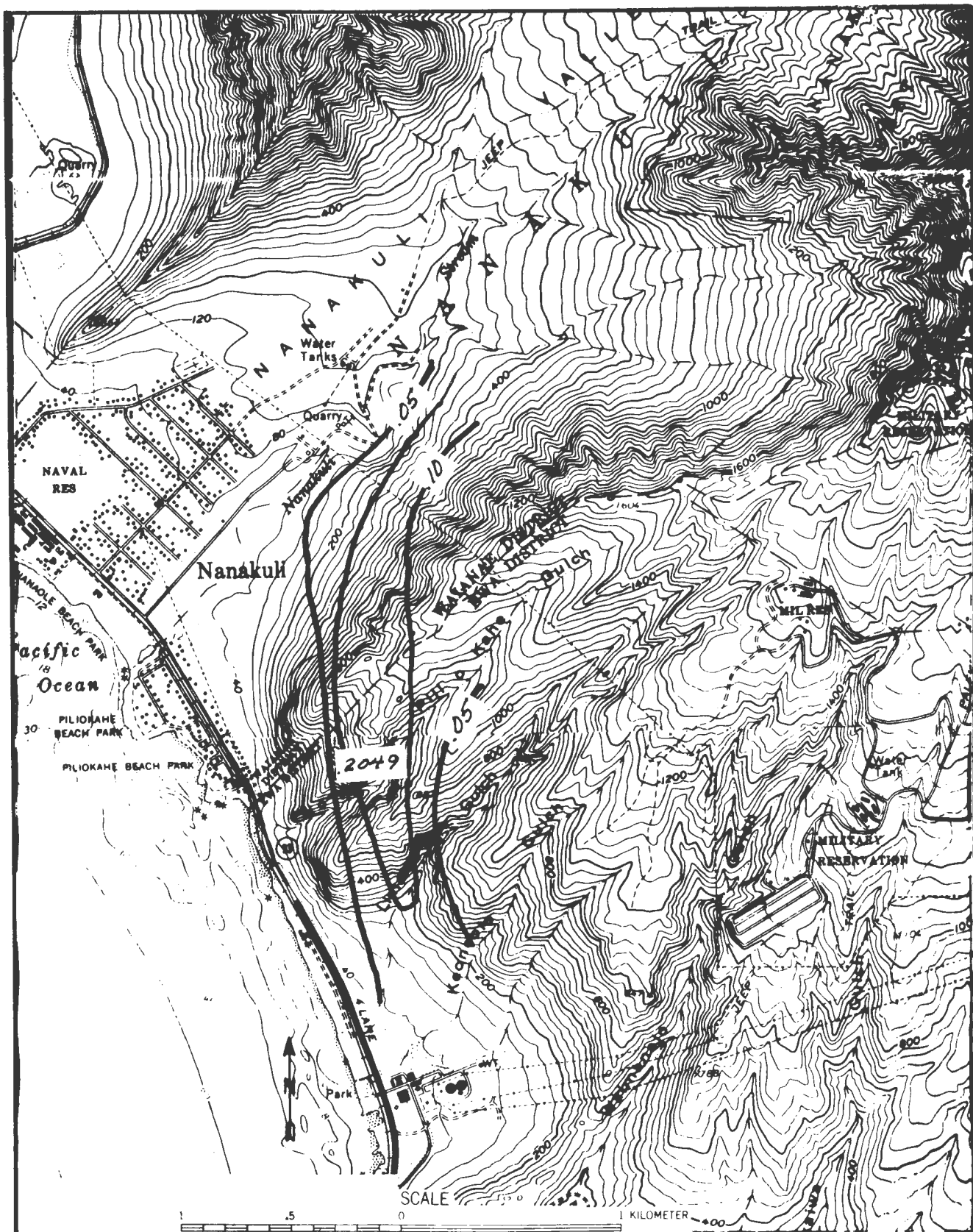


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 6
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

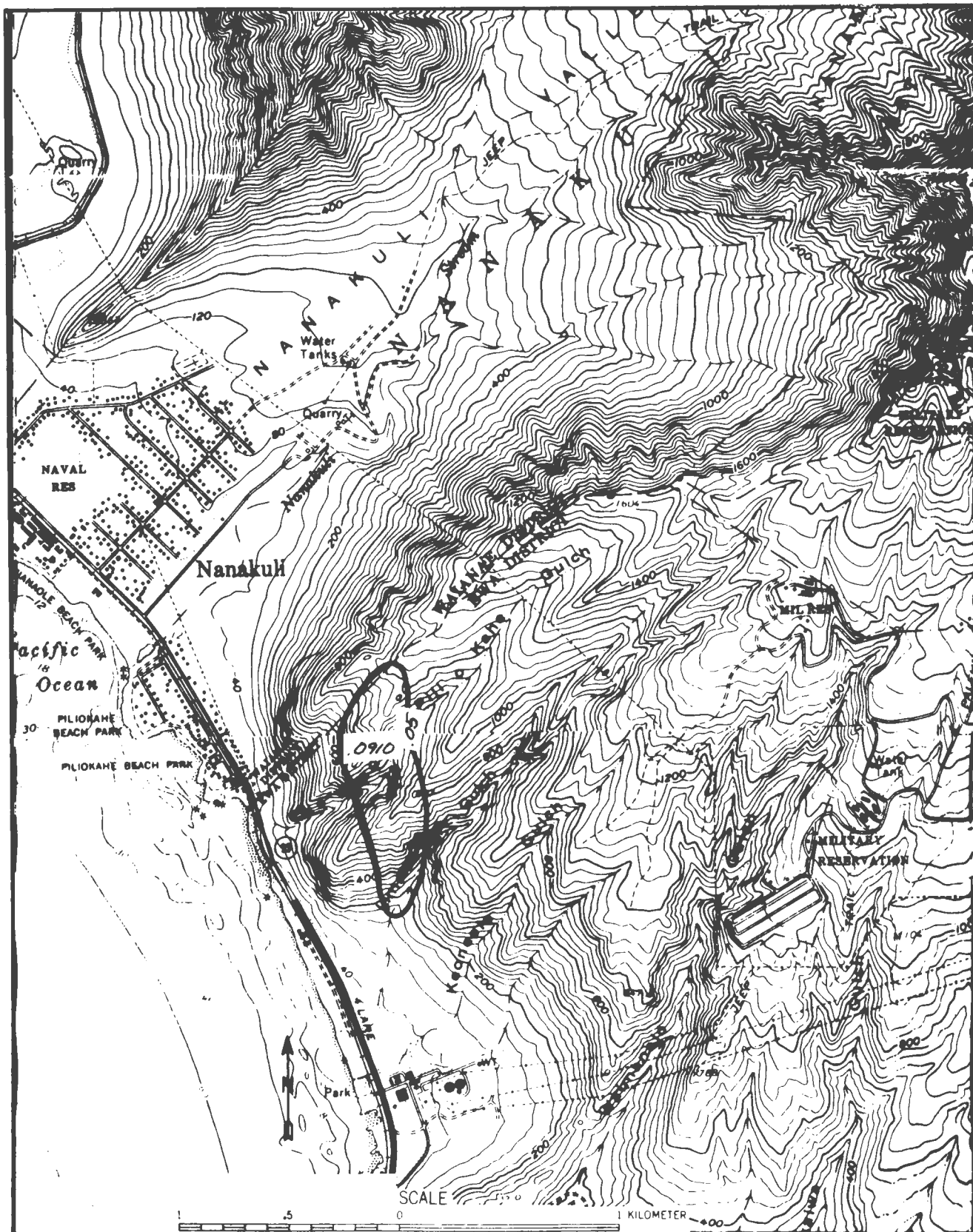
Figure B98
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 31



OPERATING CONDITIONS:
 STACKS: Present 1C, 1-8
 Active 7
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B99
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 31

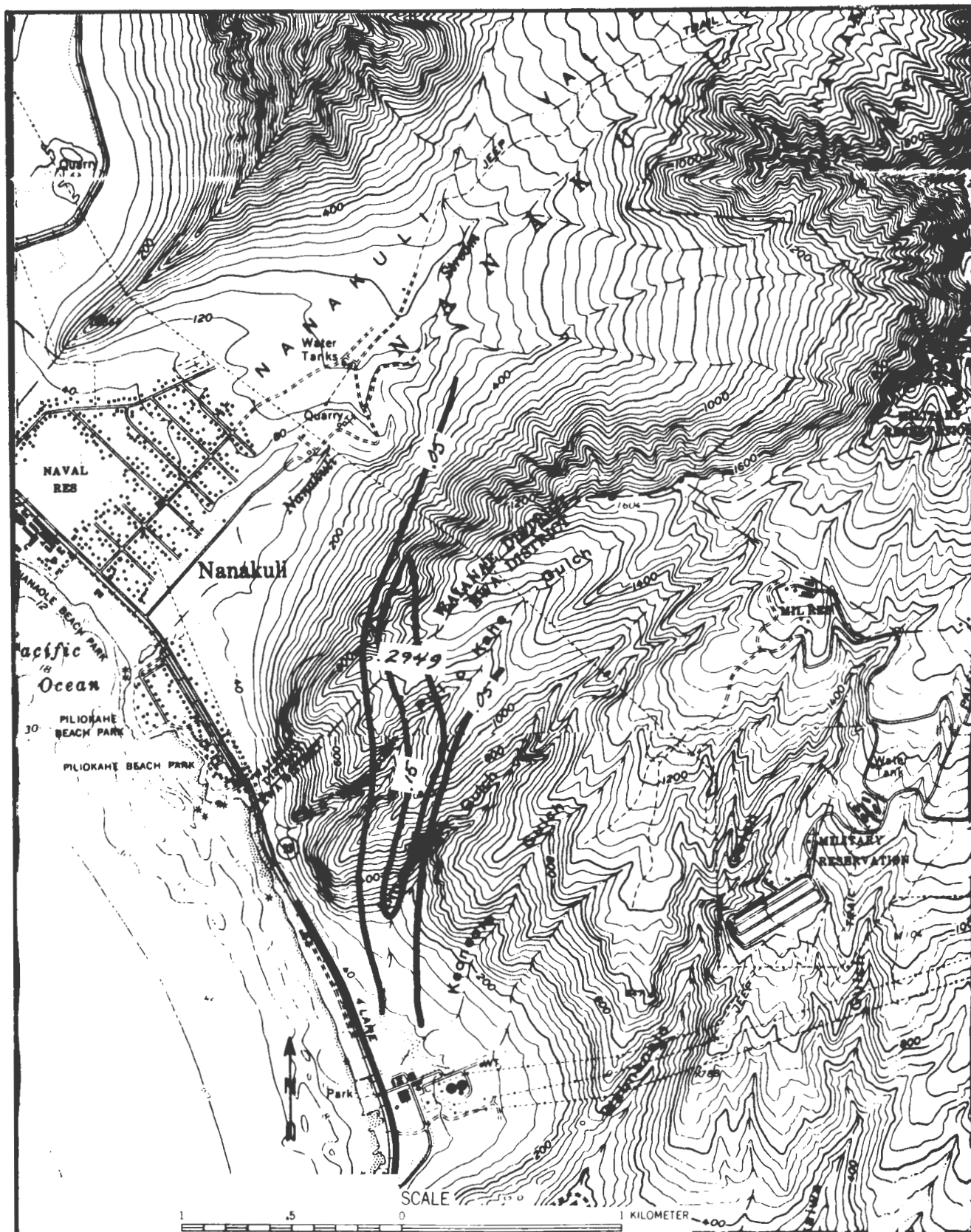


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 8
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

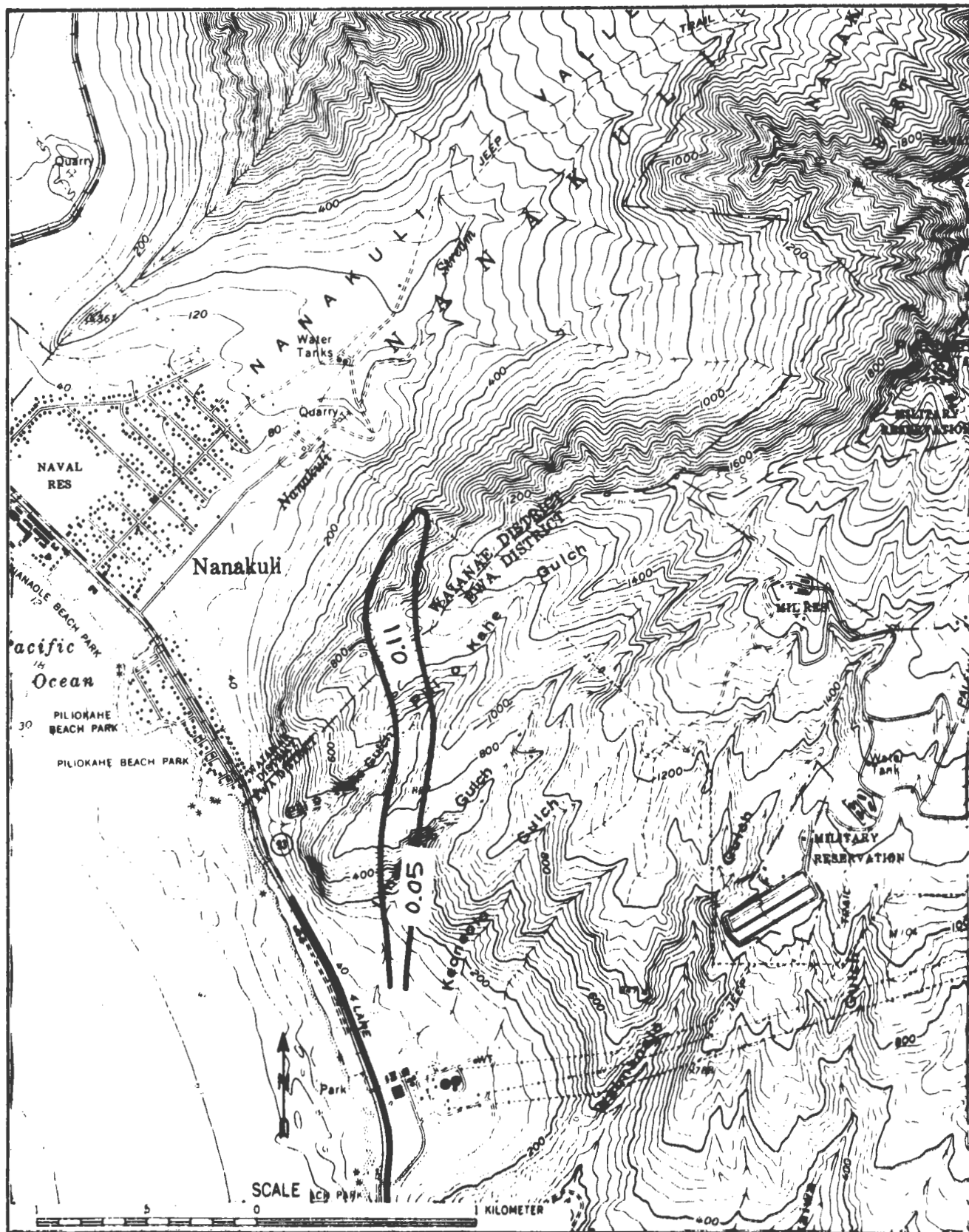
Figure B100
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 31



OPERATING CONDITIONS:
 STACKS: Present 1C, 1-8
 Active 1C
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B101
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 32

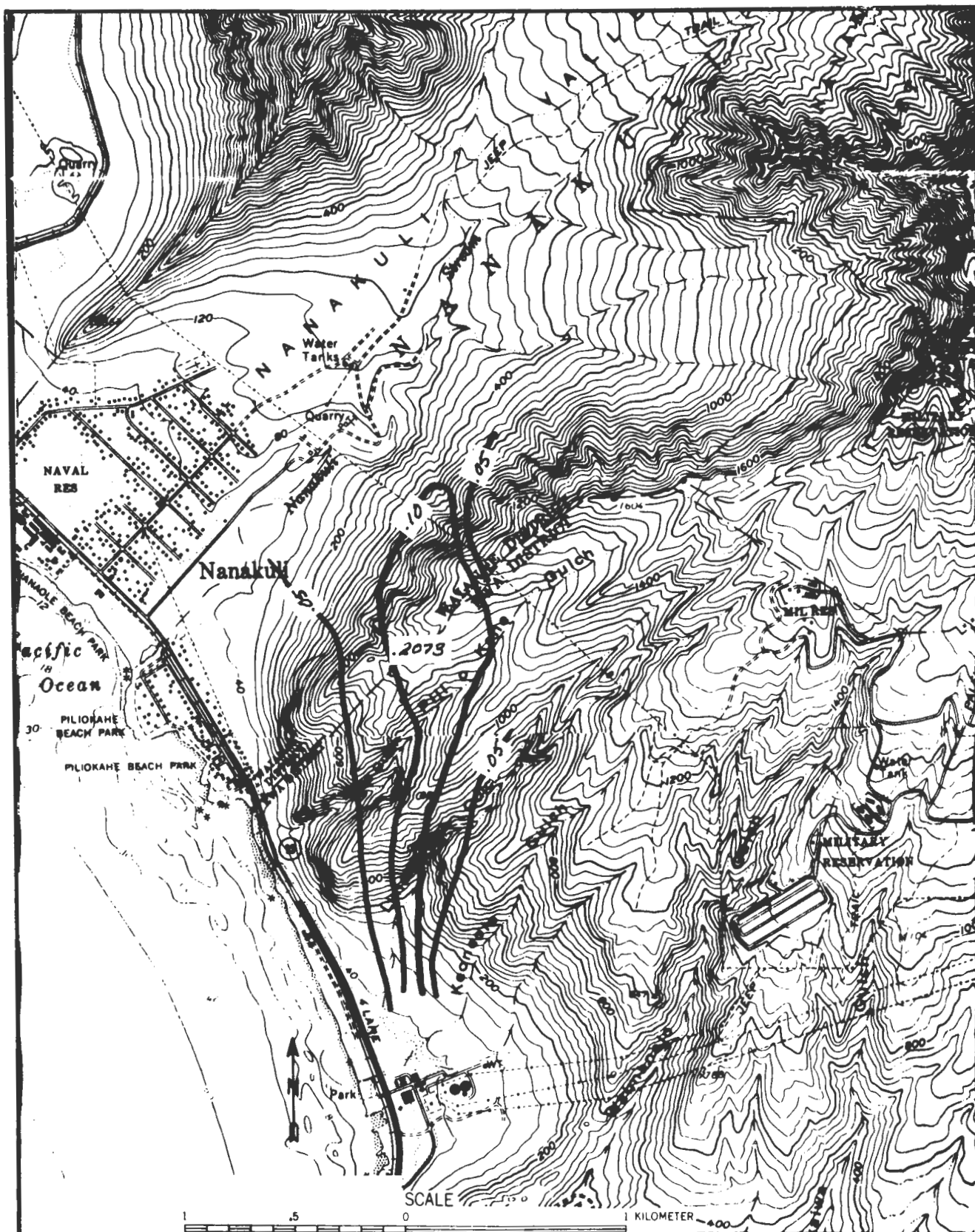


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 6
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B102
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 32

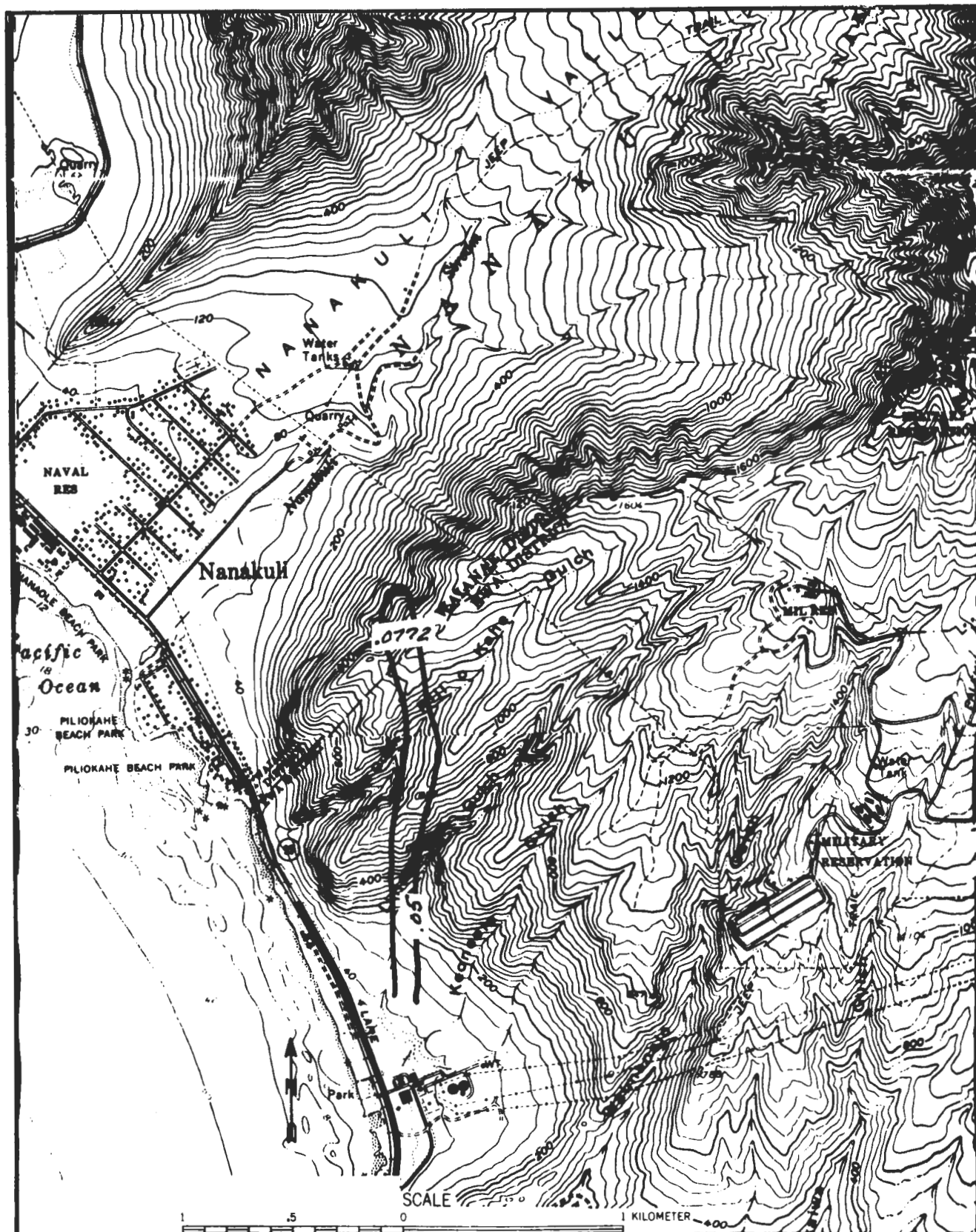


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 7
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B103
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 32



OPERATING CONDITIONS:

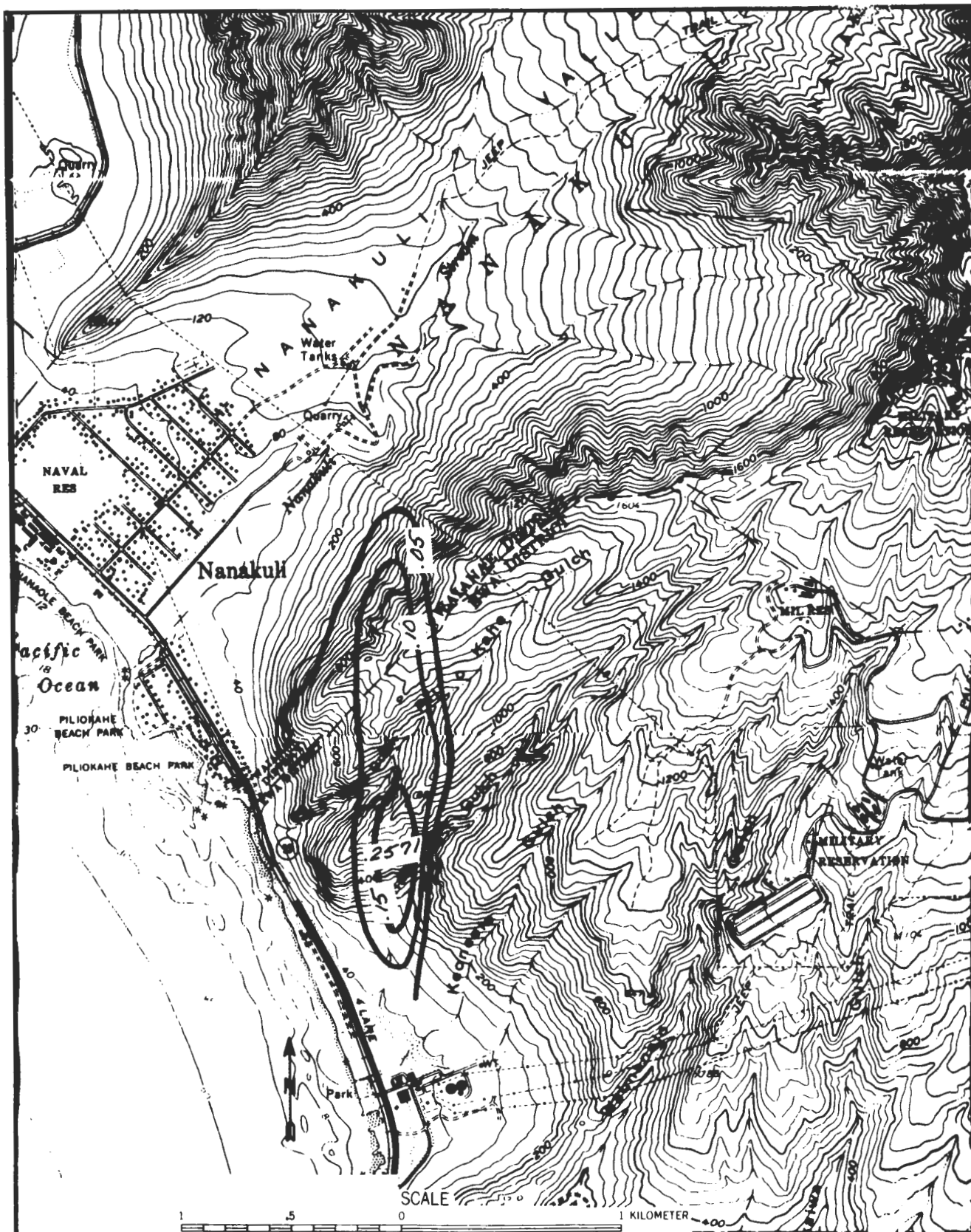
STACKS: Present 1C, 1-8
 Active 8
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B104
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 32

NOTE: RUN 33 OMITTED

(FIGURES B105-B108)

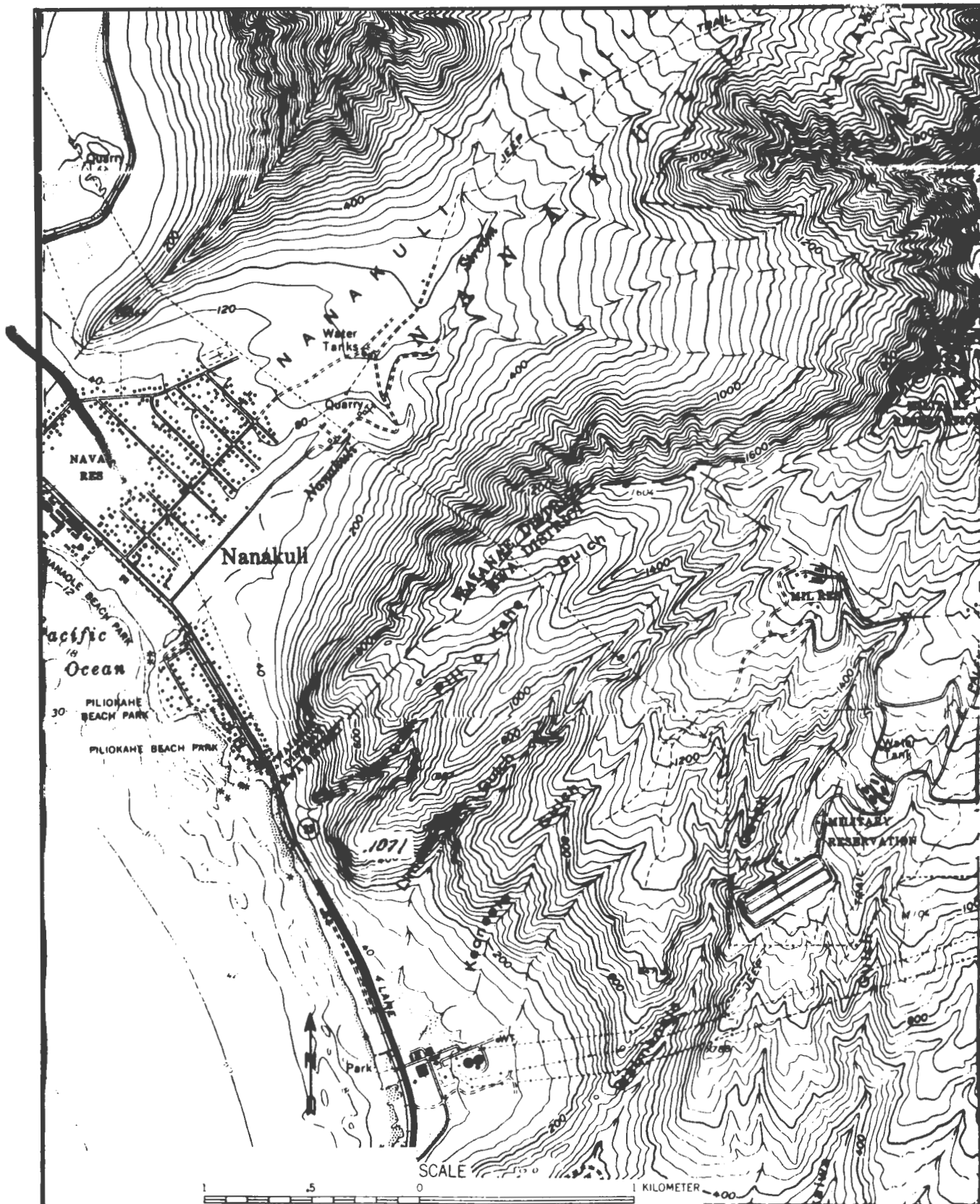


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 1C
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B109
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 34

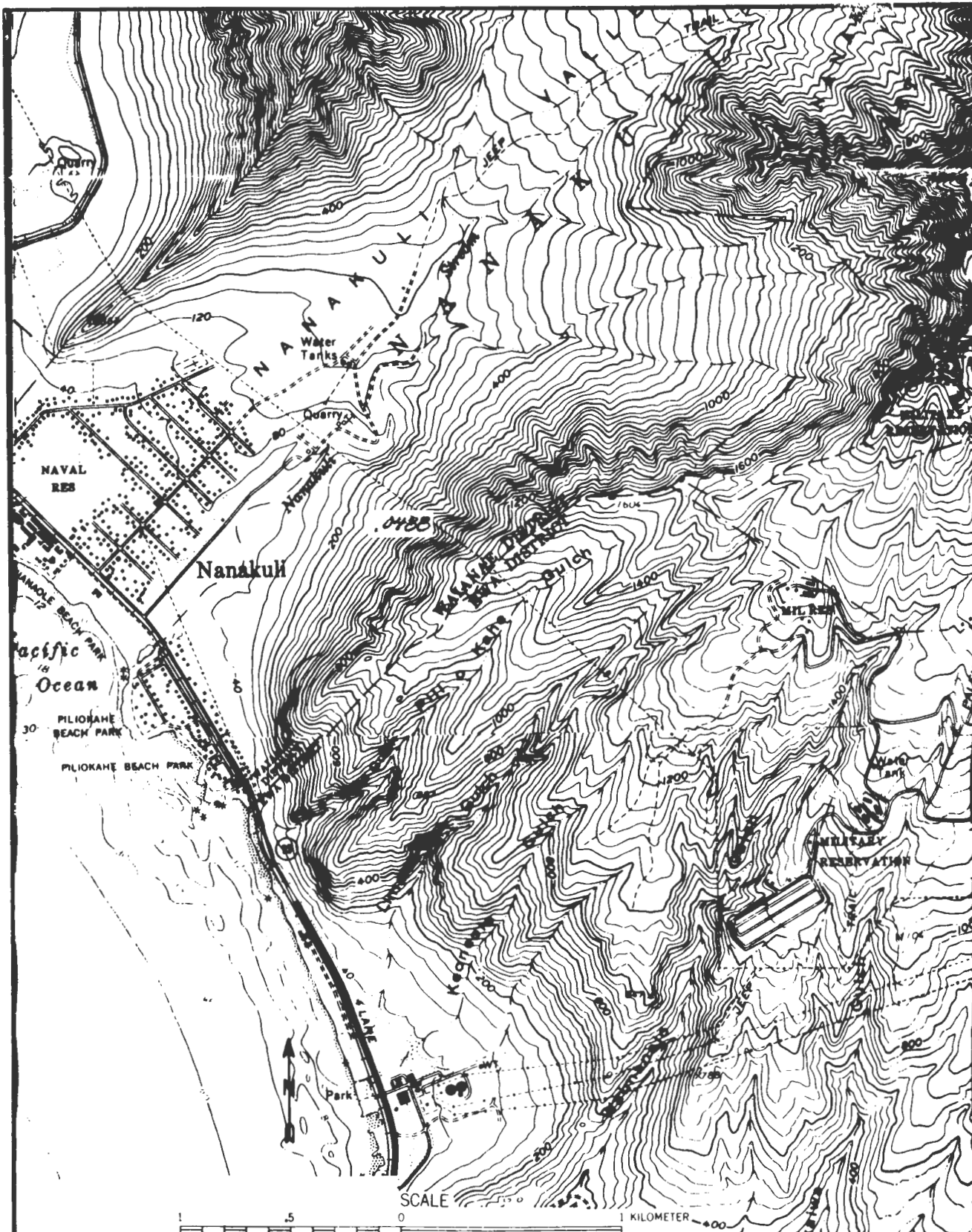


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 6
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B110
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 34

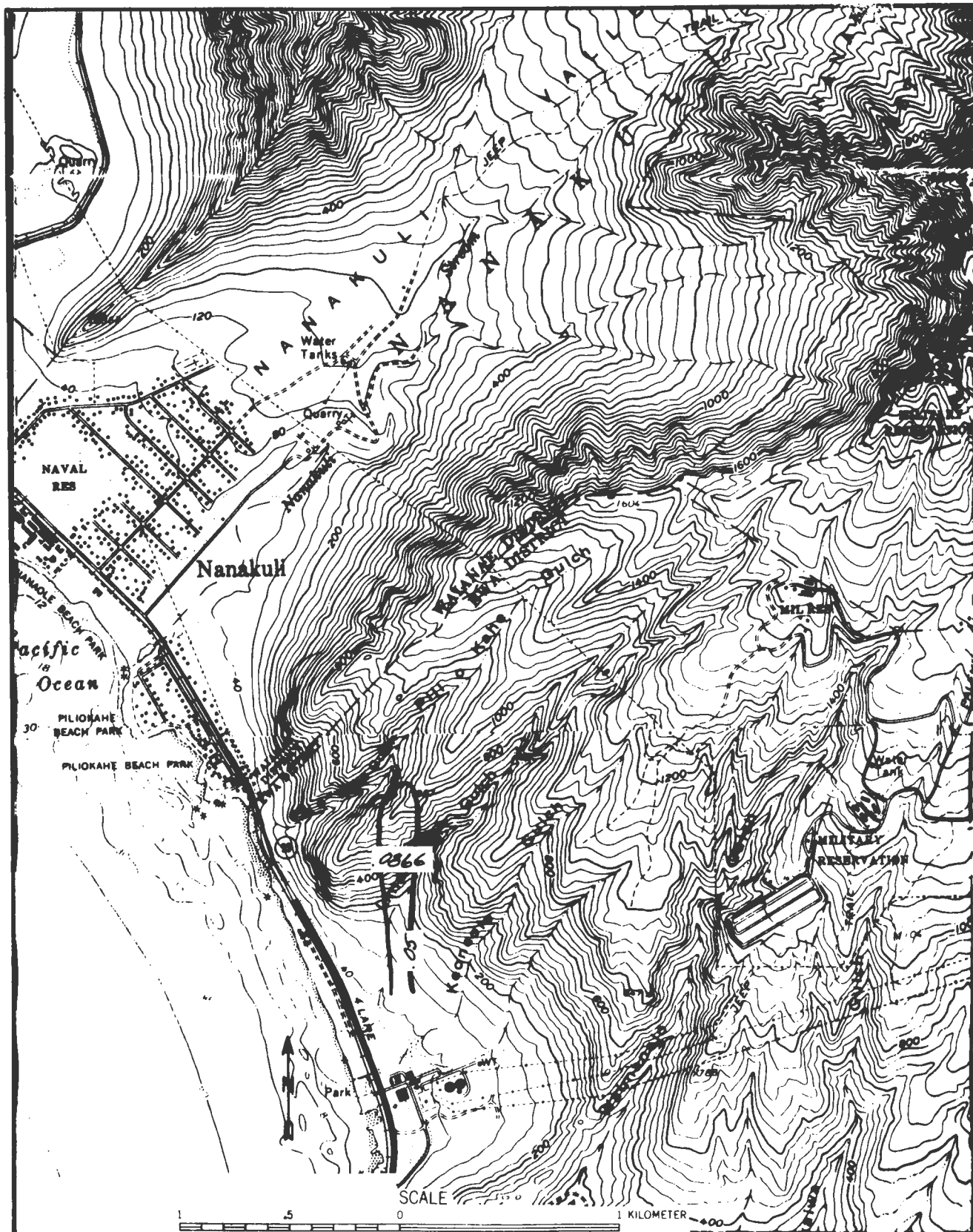


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 7
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B11
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 34

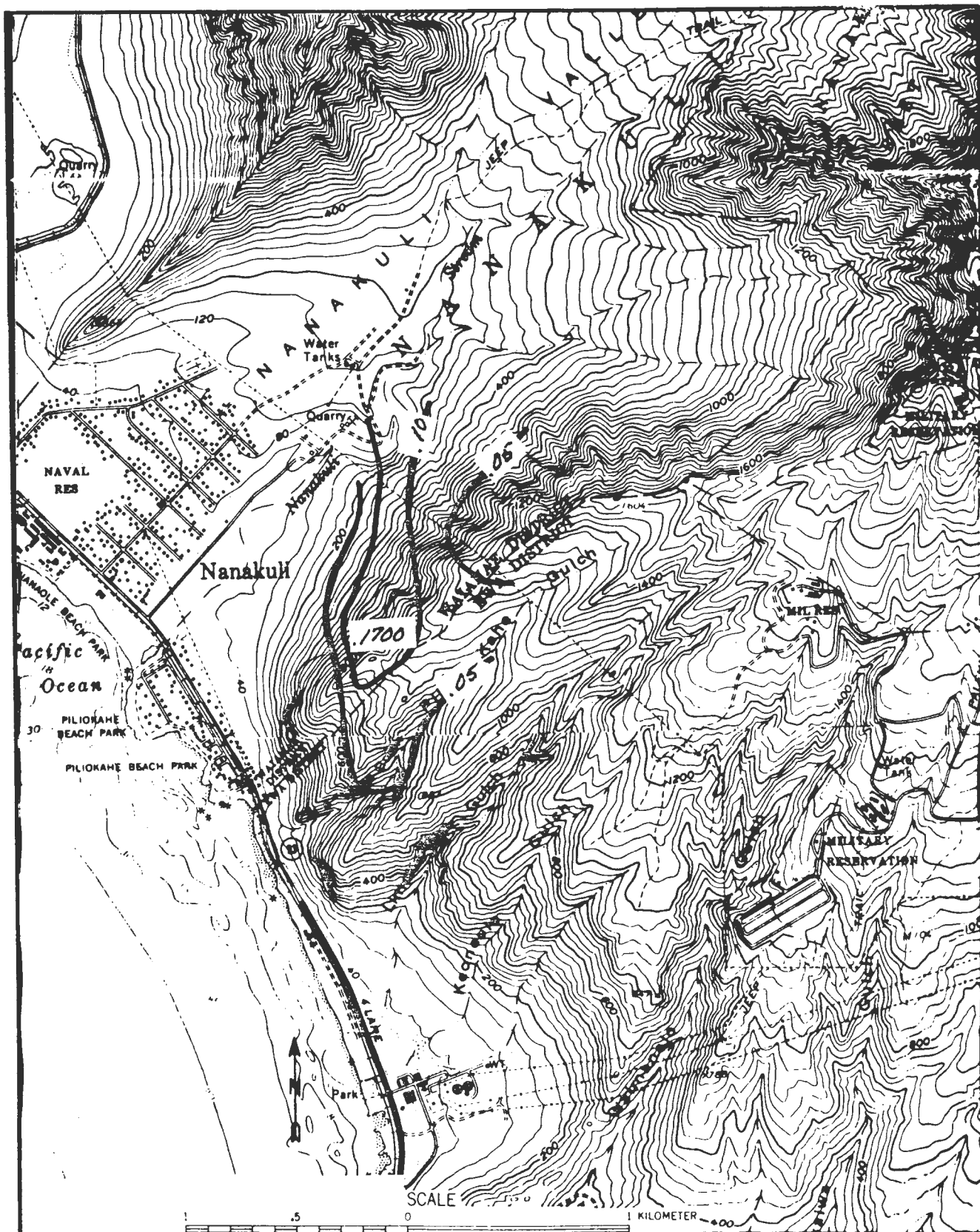


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 8
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B112
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 34

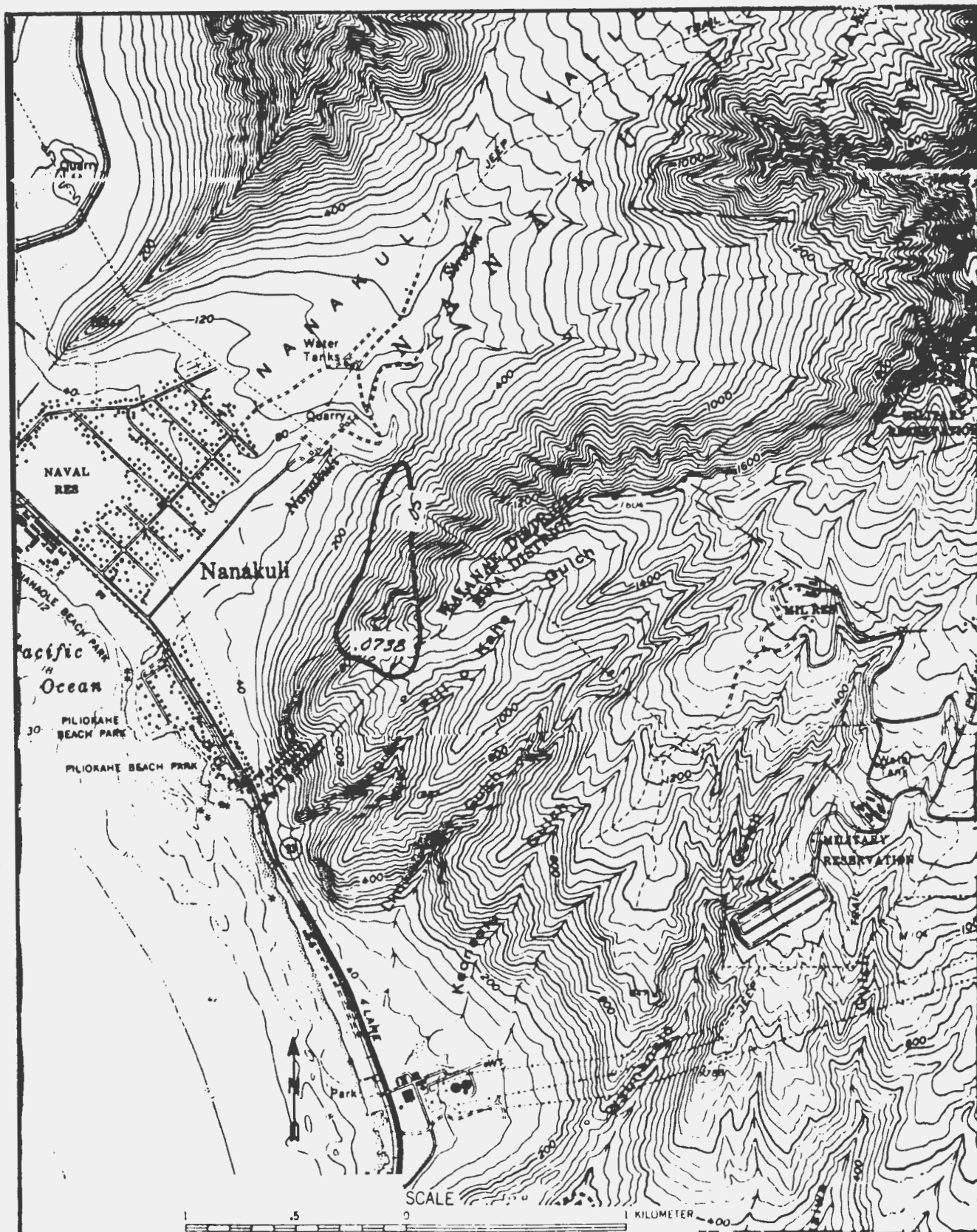


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 1C
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B113
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 35

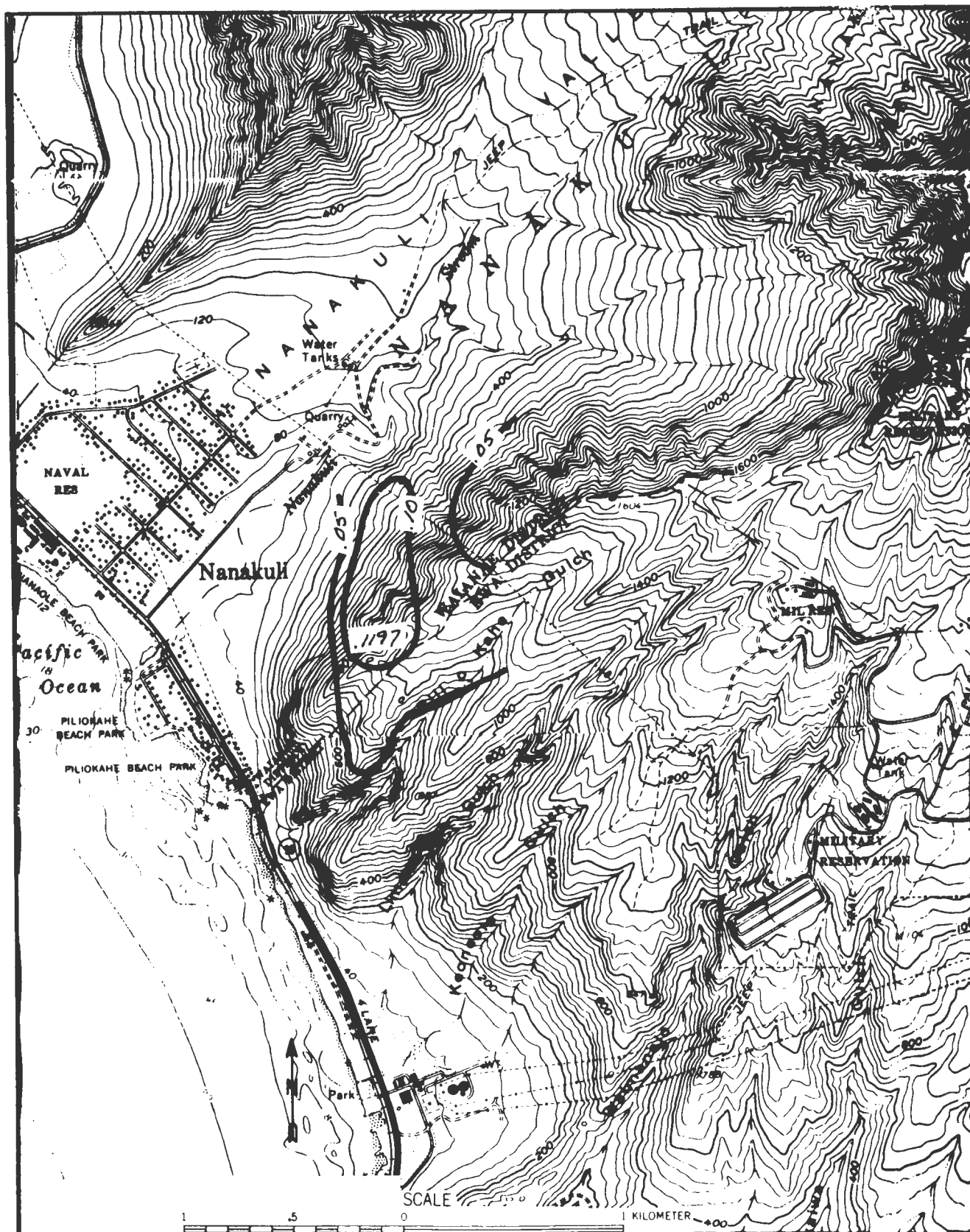


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 6
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B114
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 35

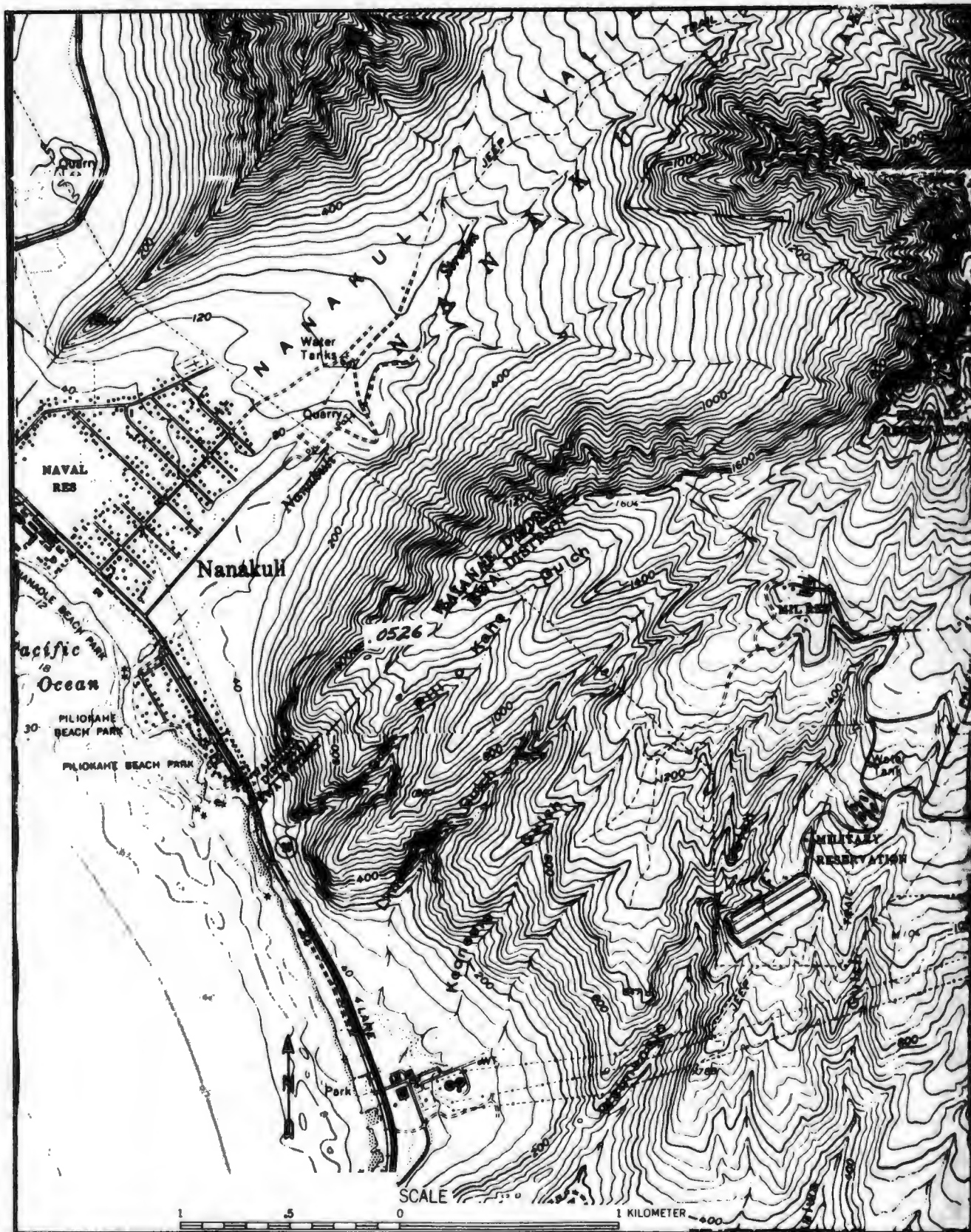


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 7
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

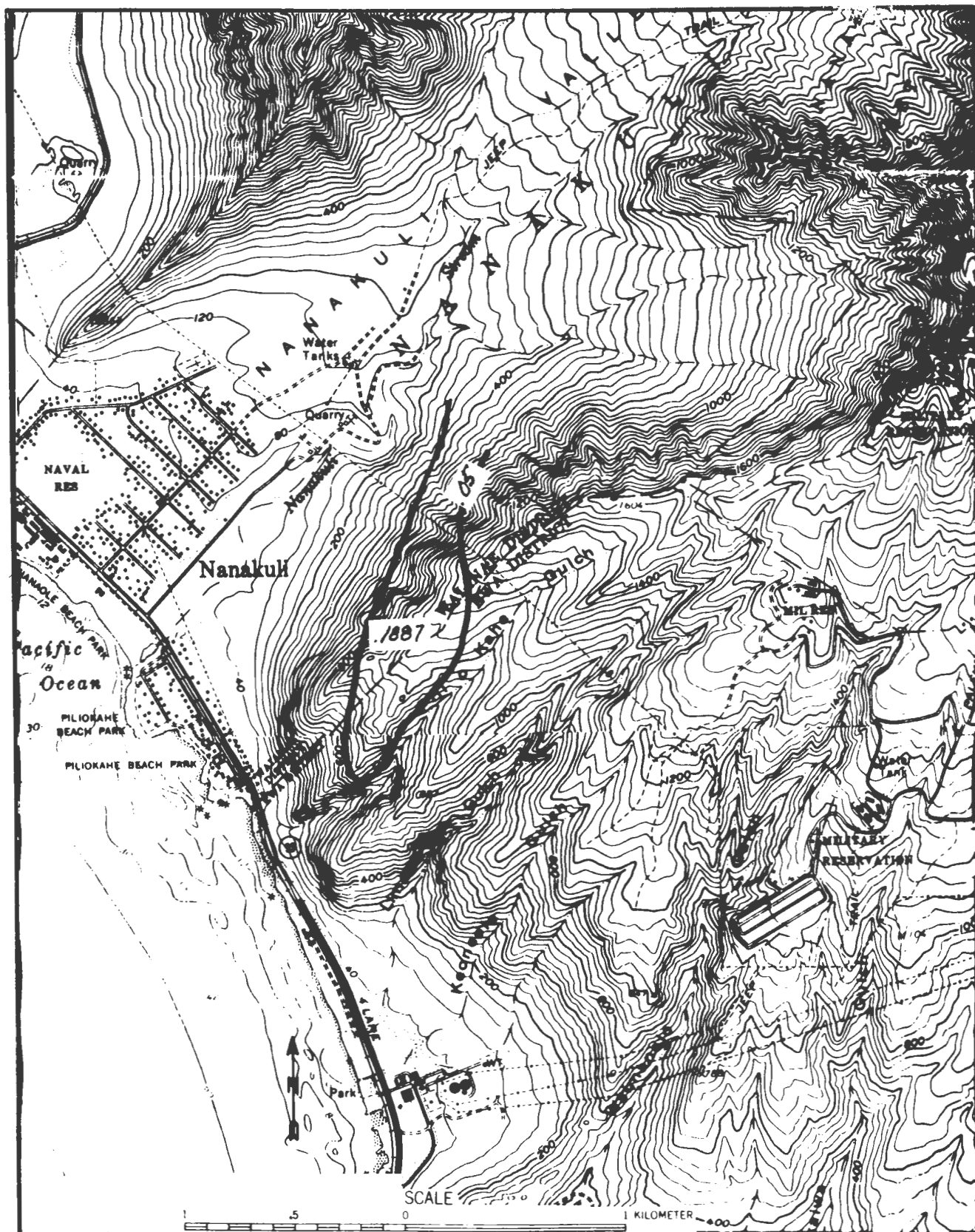
Figure B115
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 35



OPERATING CONDITIONS:
 STACKS: Present 1C, 1-8
 Active 8
 WIND: Direction 180°
 Velocity 6/7 m/s

KAHE POWER PLANT Model Study

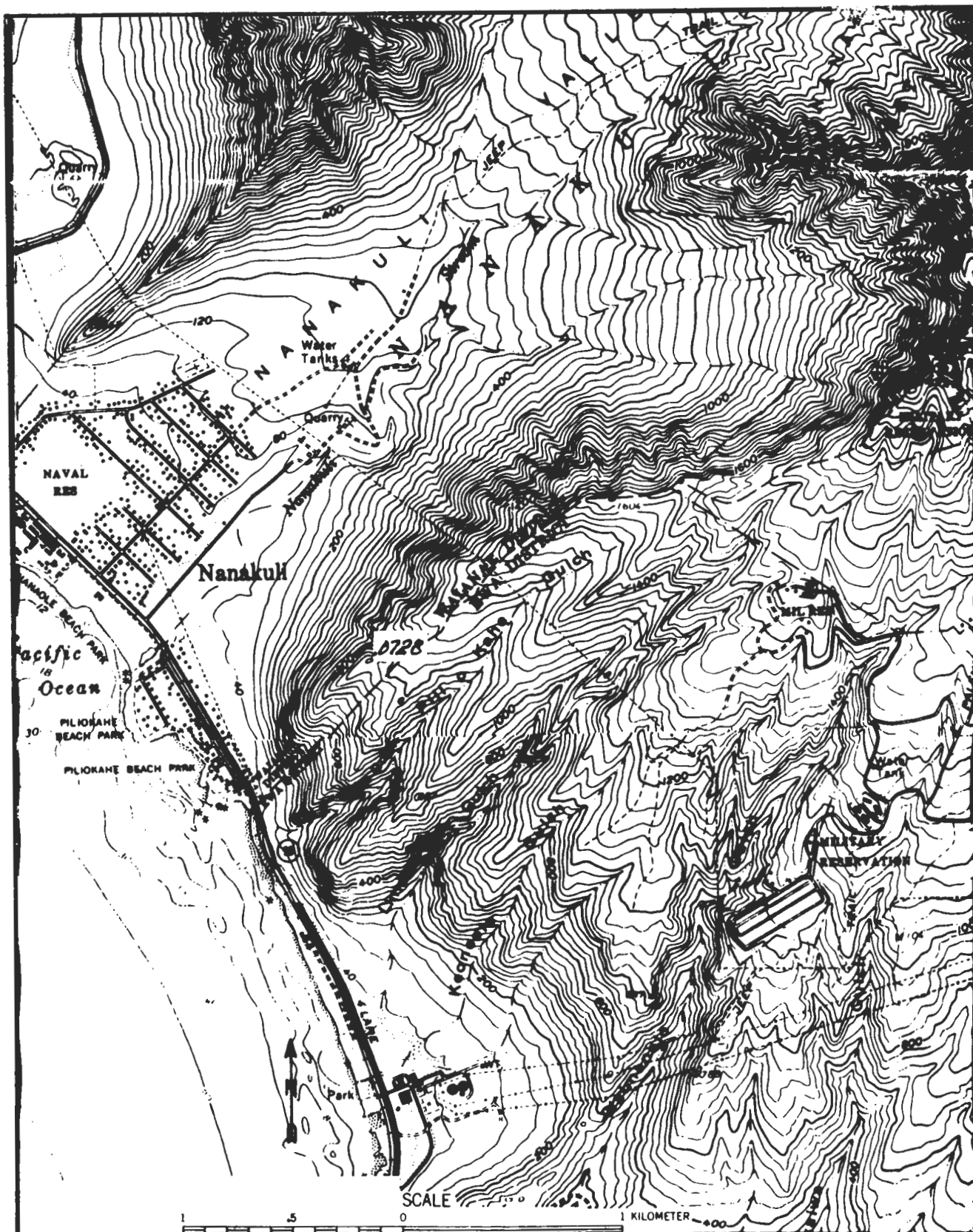
Figure B116
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 35



OPERATING CONDITIONS:
 STACKS: Present 1C, 1-8
 Active 1C
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B117
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 36

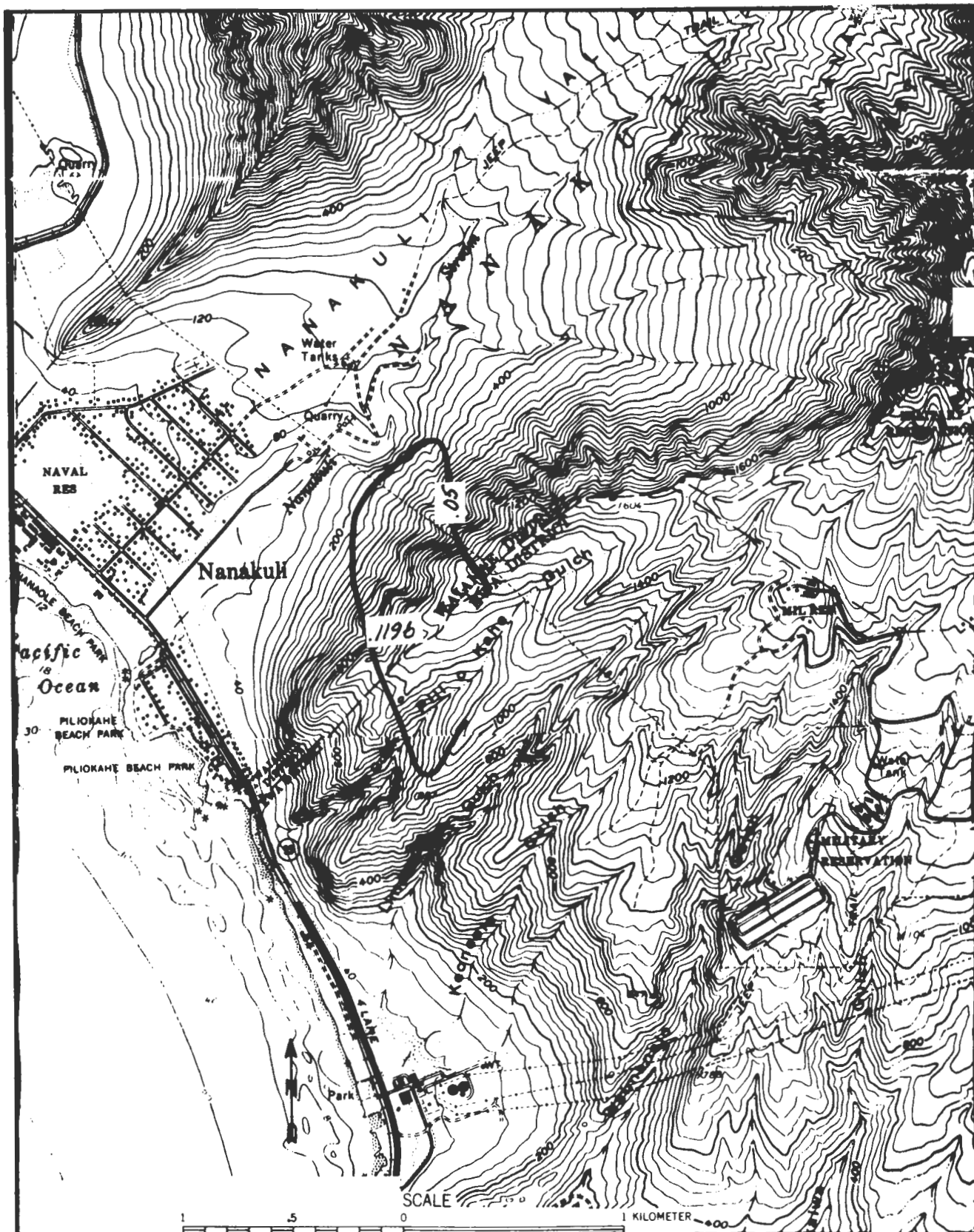


OPERATING CONDITIONS:

STACKS: 1C, 1-8
6
WIND: 180°
13.4 m/s

KAHE POWER PLANT Model Study

Figure B118
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 36

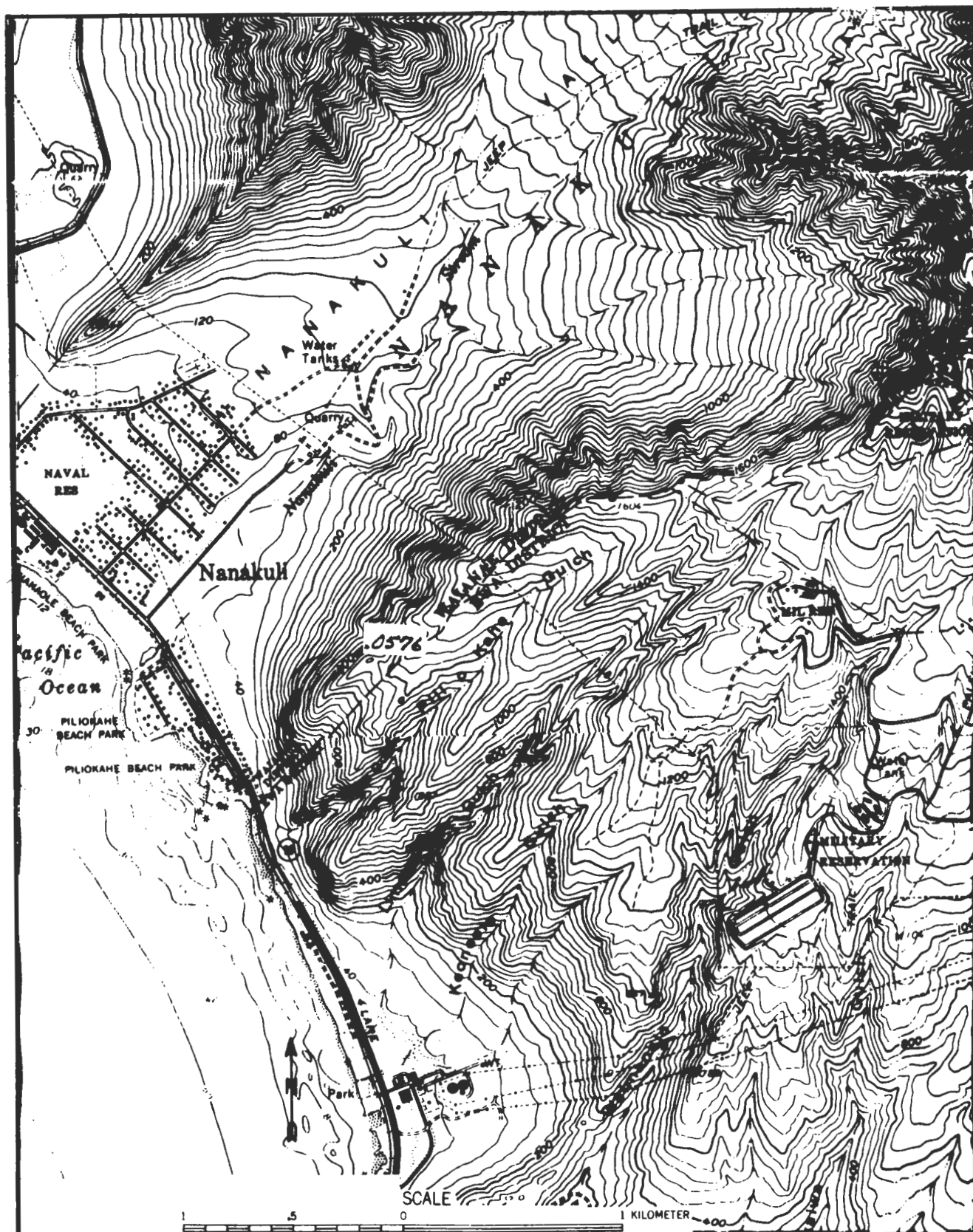


OPERATING CONDITIONS:

STACKS:	Present	1C, 1-8
	Active	7
WIND:	Direction	180°
	Velocity	13.4 m/s

KAHE POWER PLANT Model Study

Figure B119
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 36

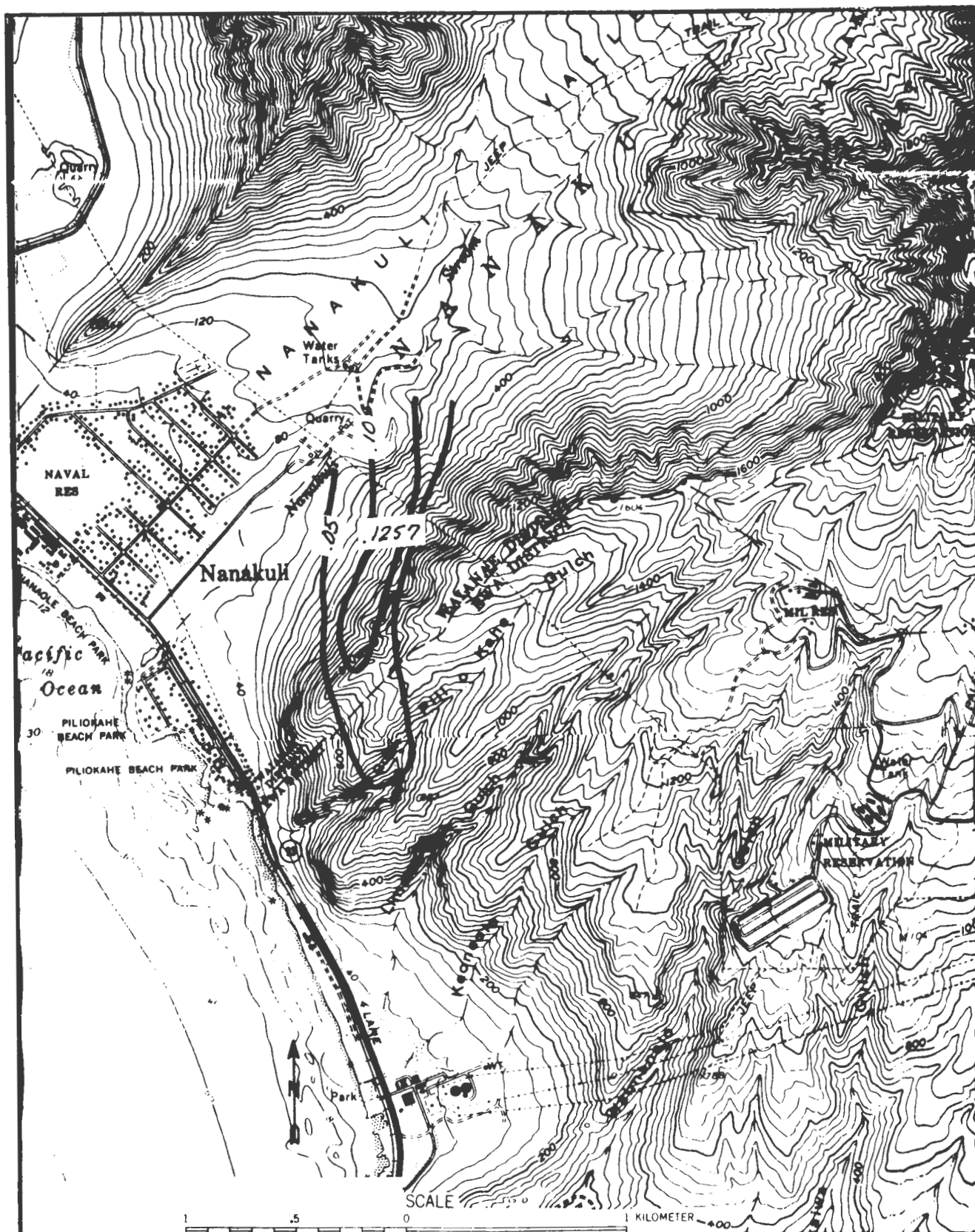


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 8
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B120
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 36

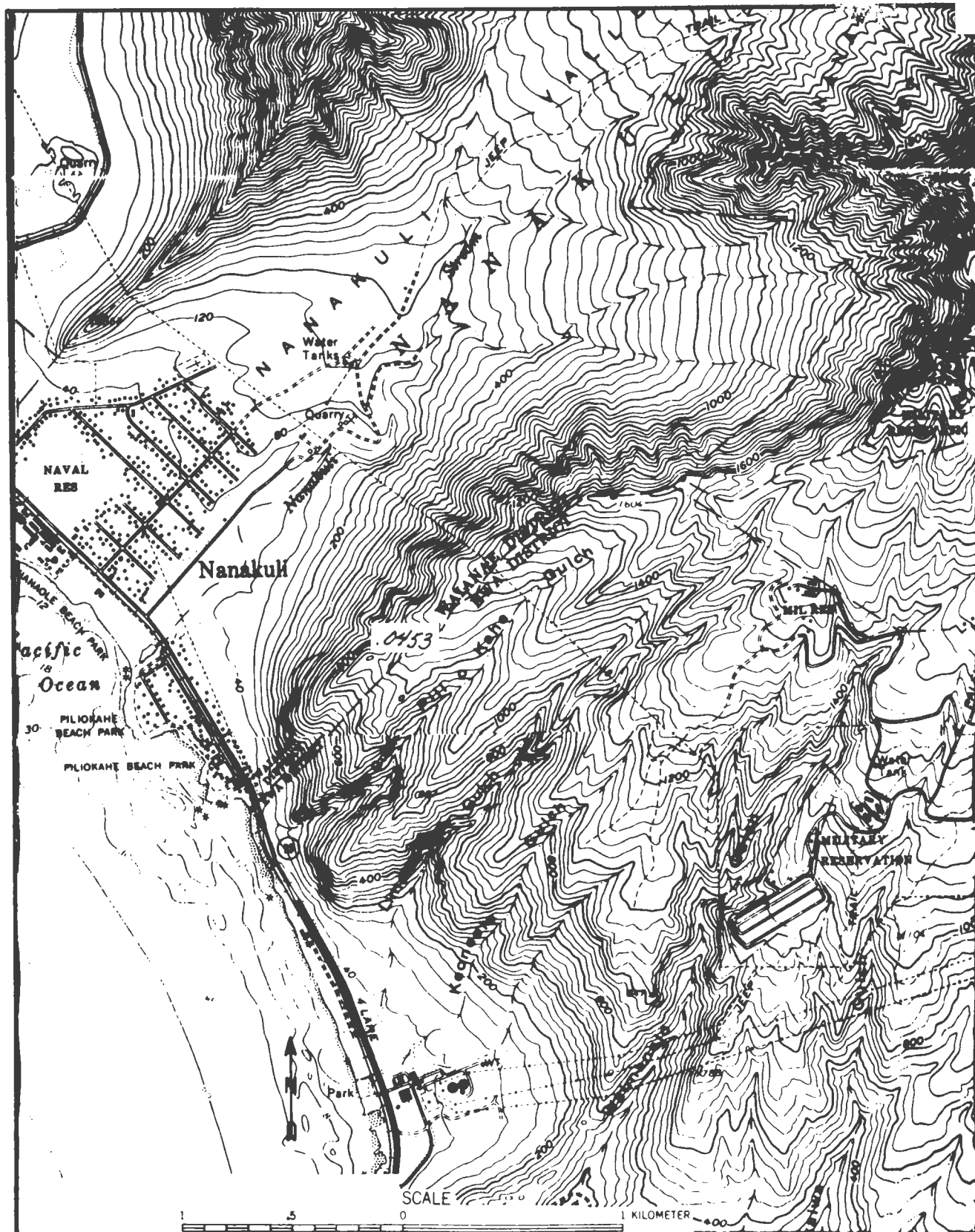


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 1C
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B121
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 37



OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 6
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B122
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 37

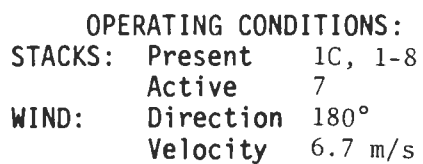
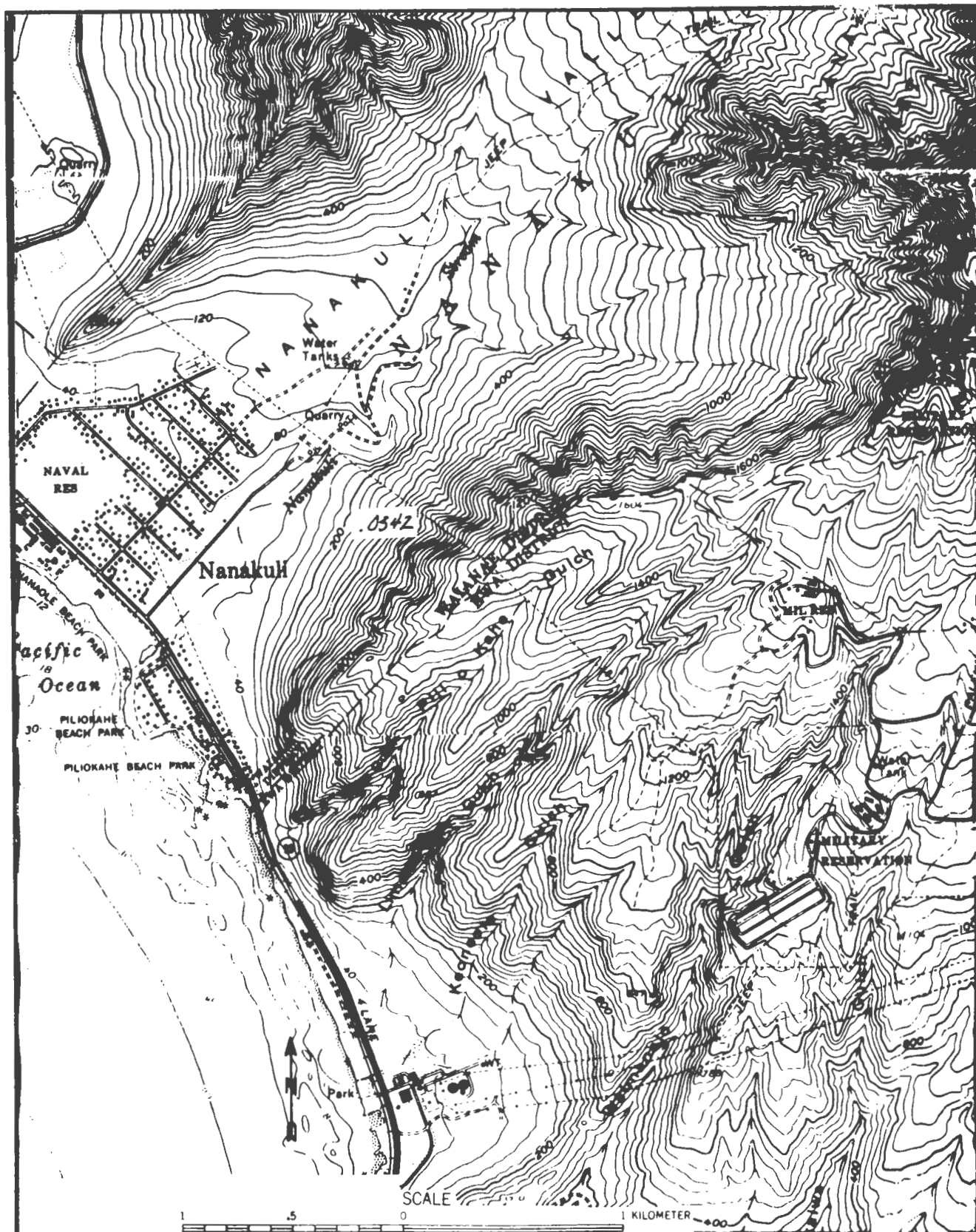


Figure B123
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 37

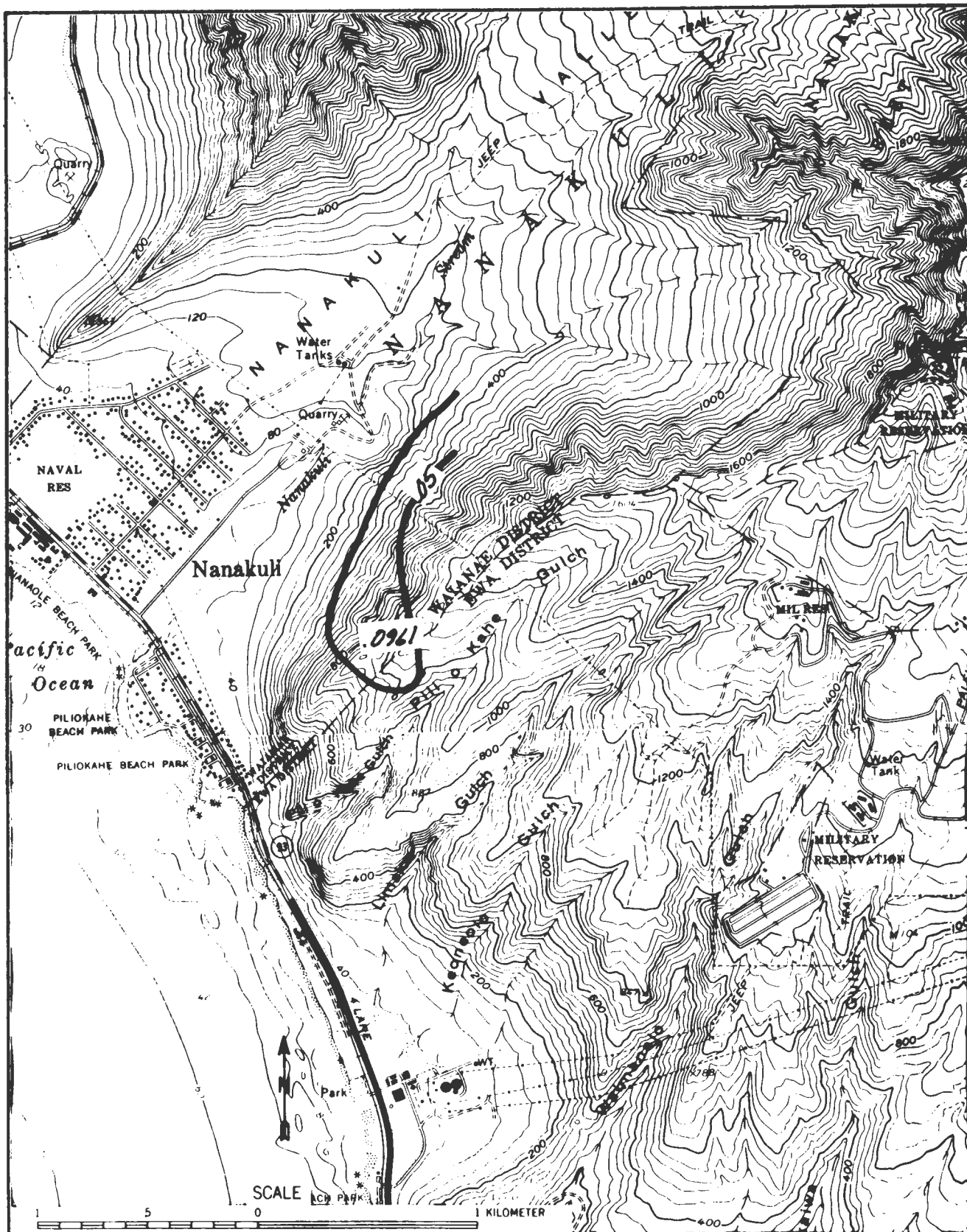


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 8
 WIND: Direction 180°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B124
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 37

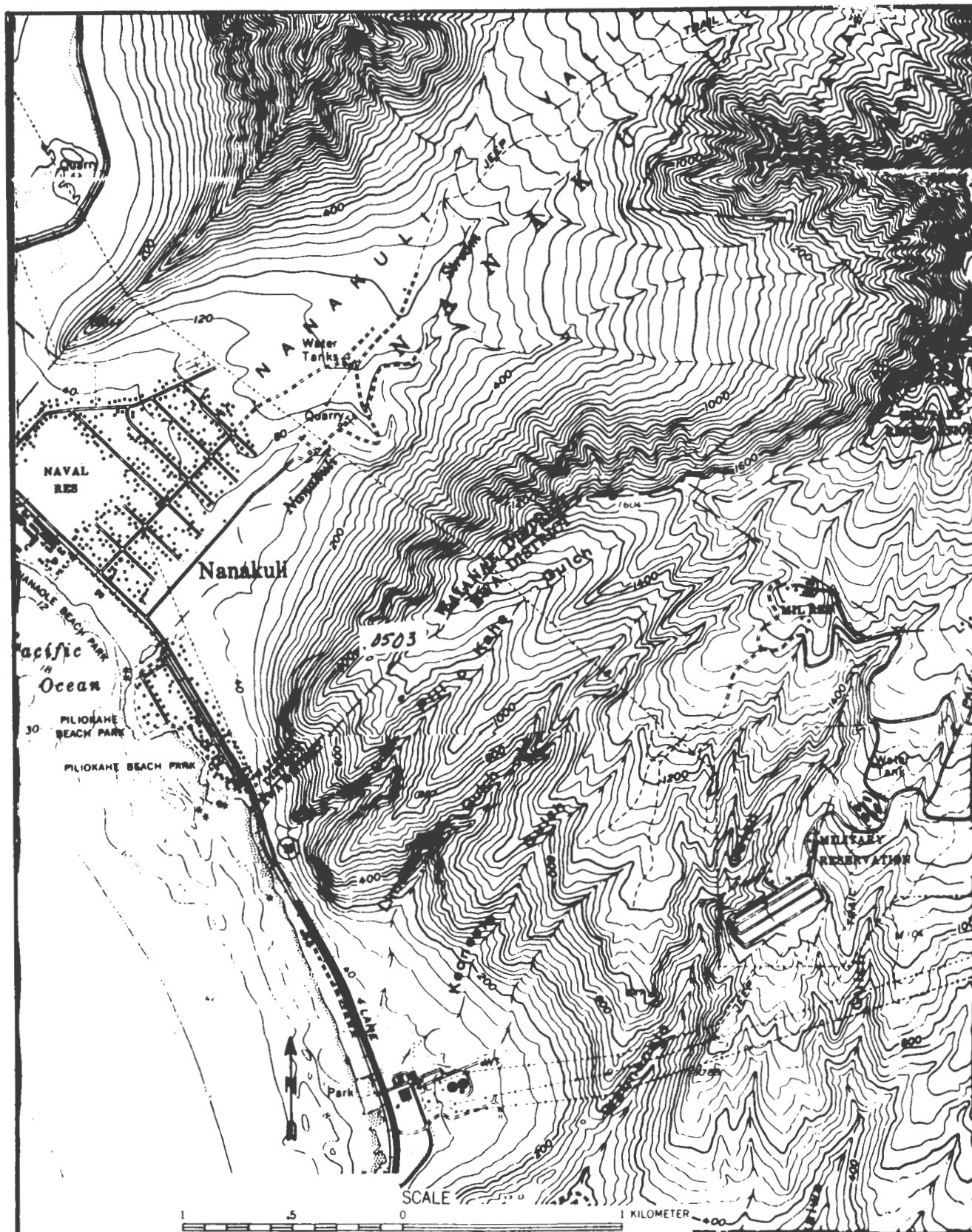


OPERATING CONDITIONS:

STACKS:	Present	1C, 1-8	A
	Active	1C	
WIND:	Direction	180°	
	Velocity	13.4 m/s	

KAHE POWER PLANT Model Study

Figure B125
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 38

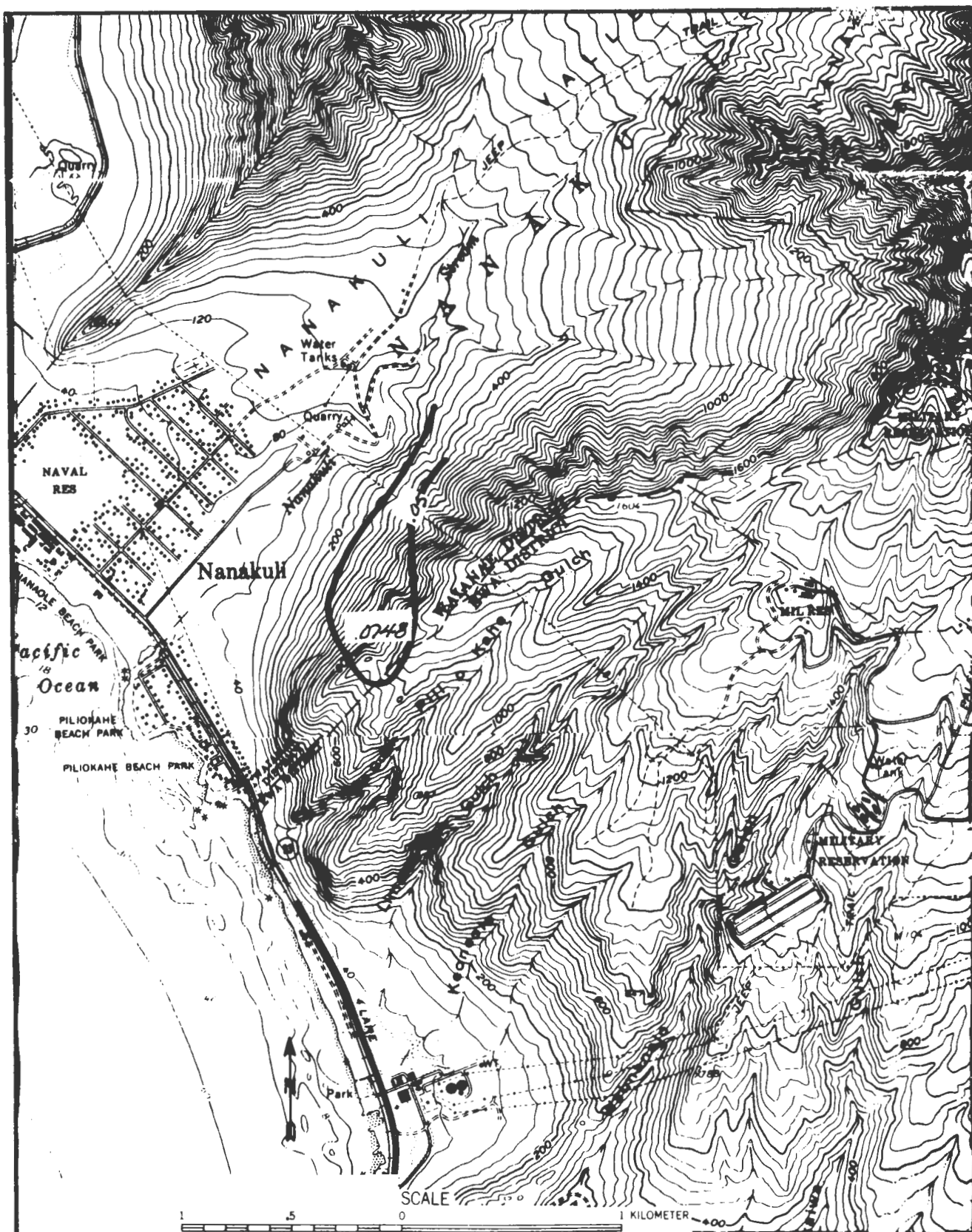


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 6
 WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B126
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 38

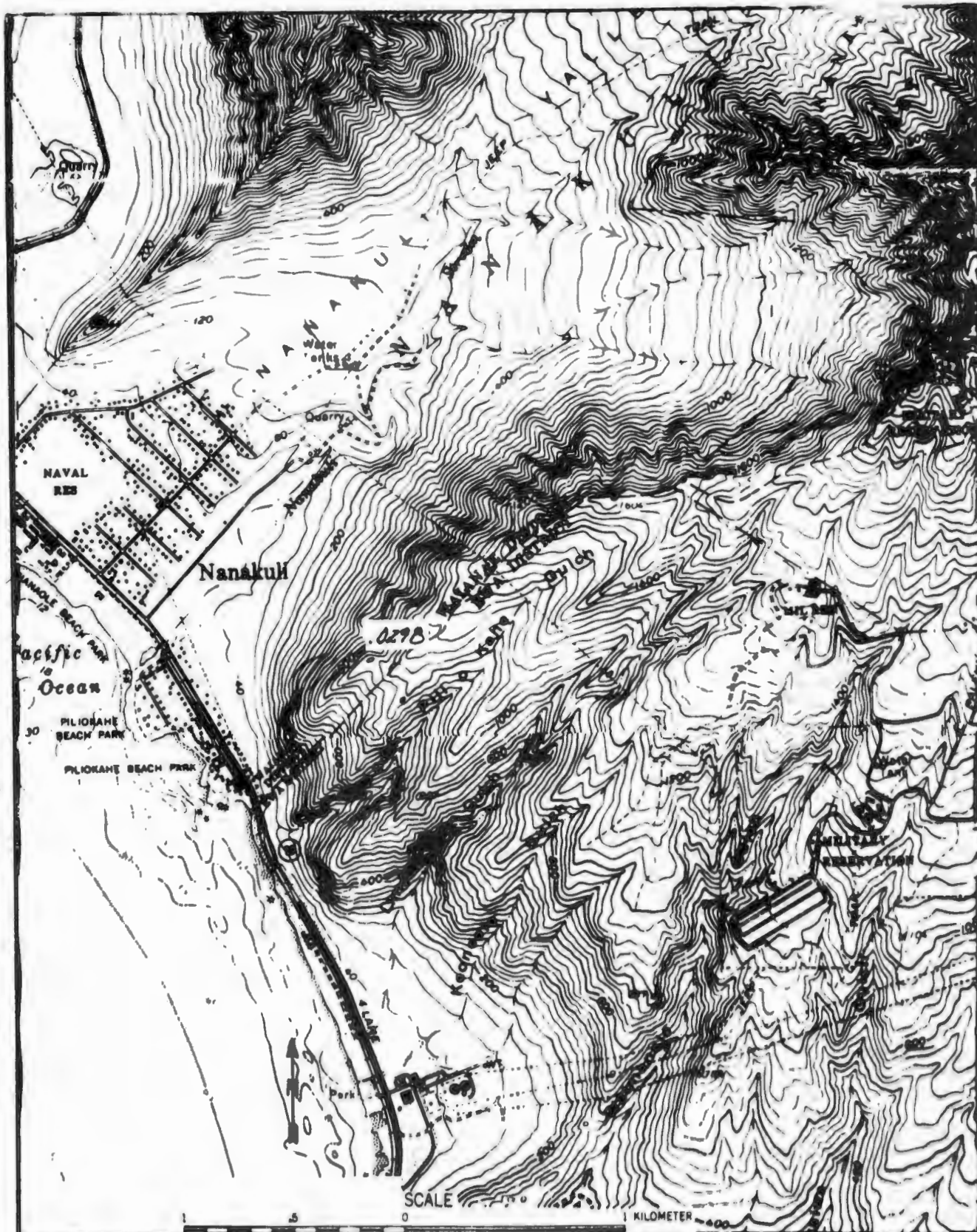


OPERATING CONDITIONS:

STACKS: Present 1C, 1-8
 Active 7
 WIND: Direction 180°
 Velocity 13.4 m/s

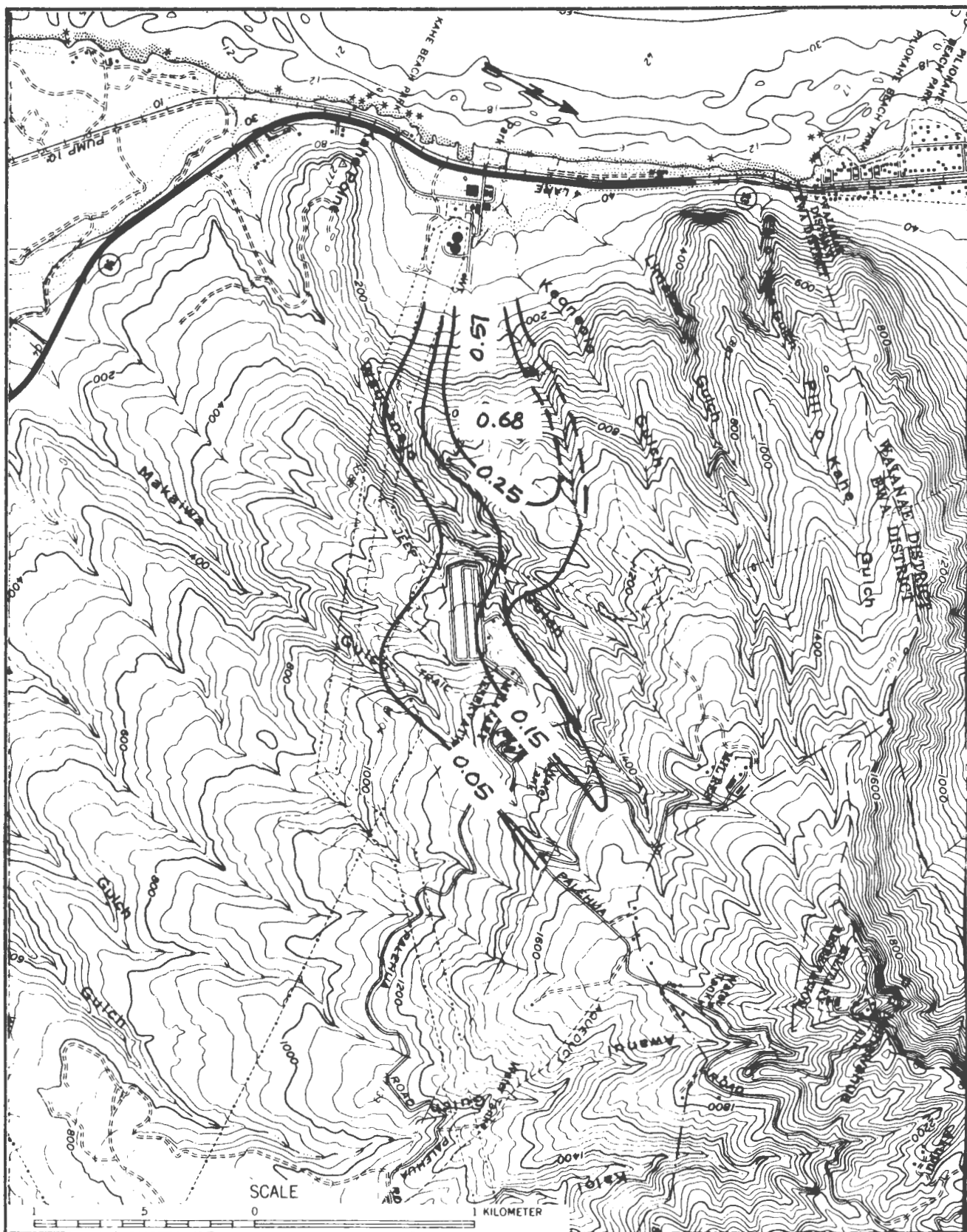
KAHE POWER PLANT Model Study

Figure B127
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 38



OPERATING CONDITIONS:
STACKS: Present 1C, 1-8
 Active 8
WIND: Direction 180°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study
 Figure B128
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 38

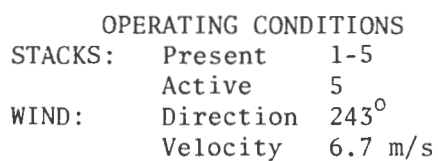


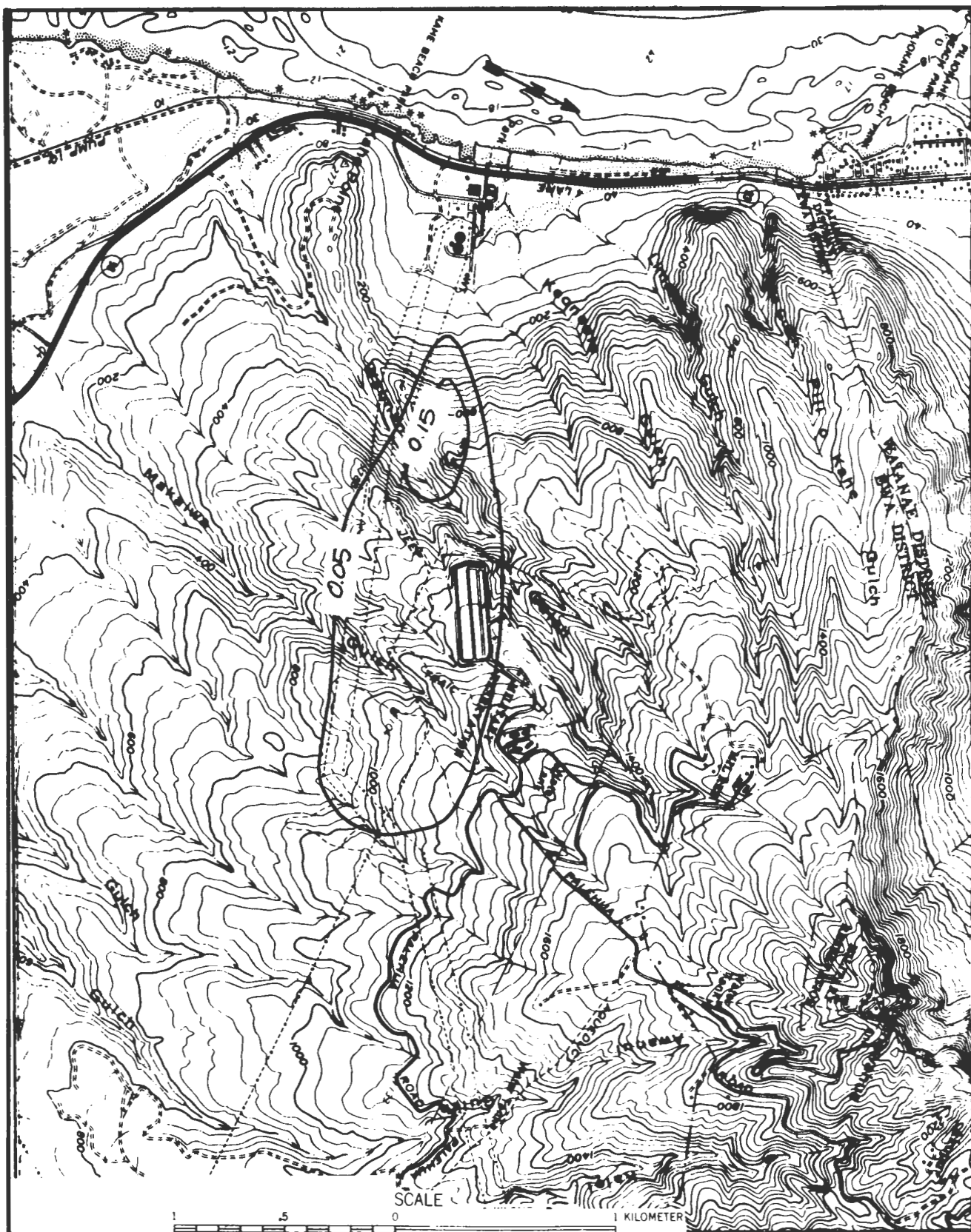
OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 243°
 Velocity 2.7 m/s

KAHE POWER PLANT Model Study

Figure B129
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 Run 39



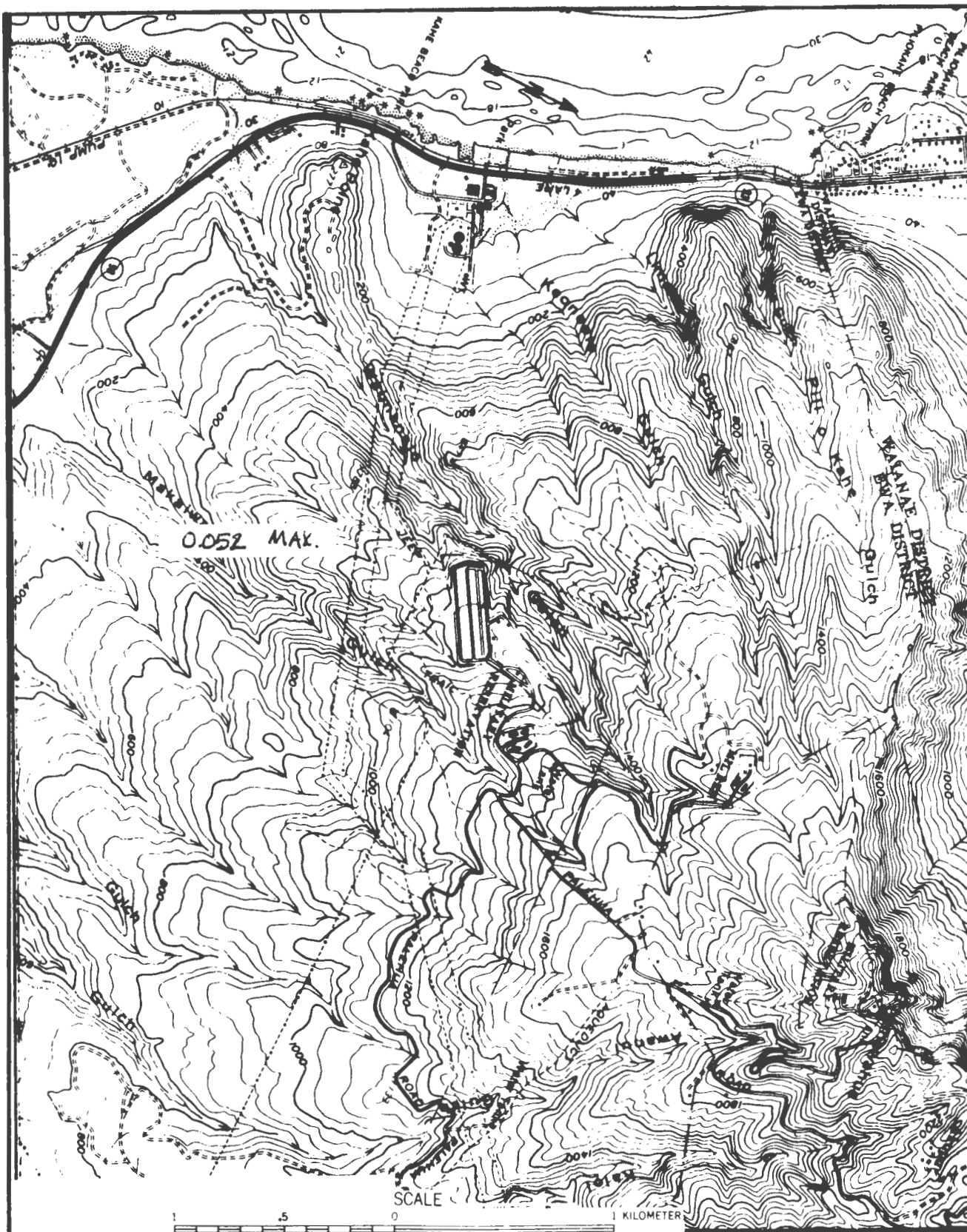


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B131
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 40

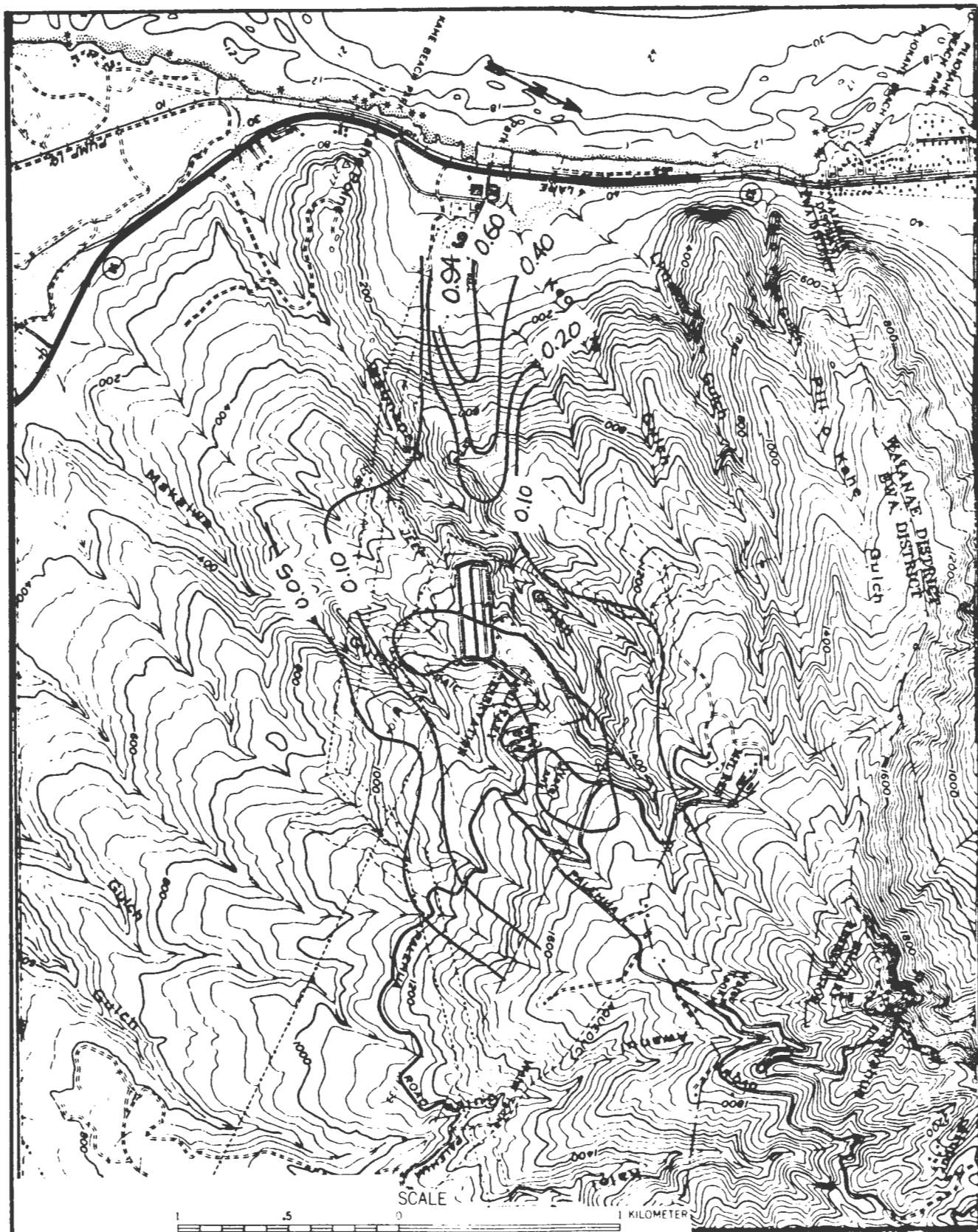


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B132
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 40

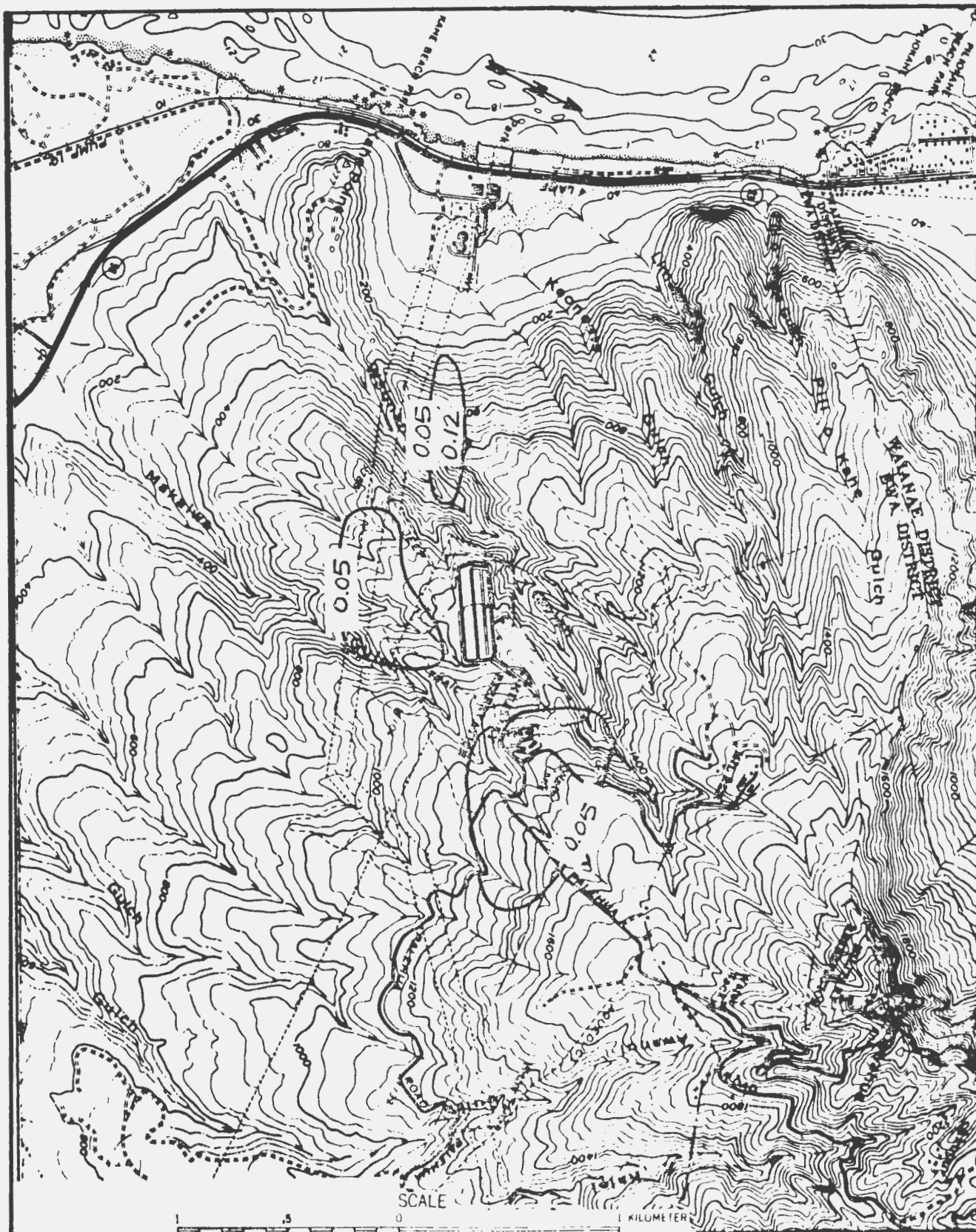


OPERATING CONDITIONS

STACKS:	Present	1-5
	Active	1-4
WIND:	Direction	243°
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

Figure B133
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 41

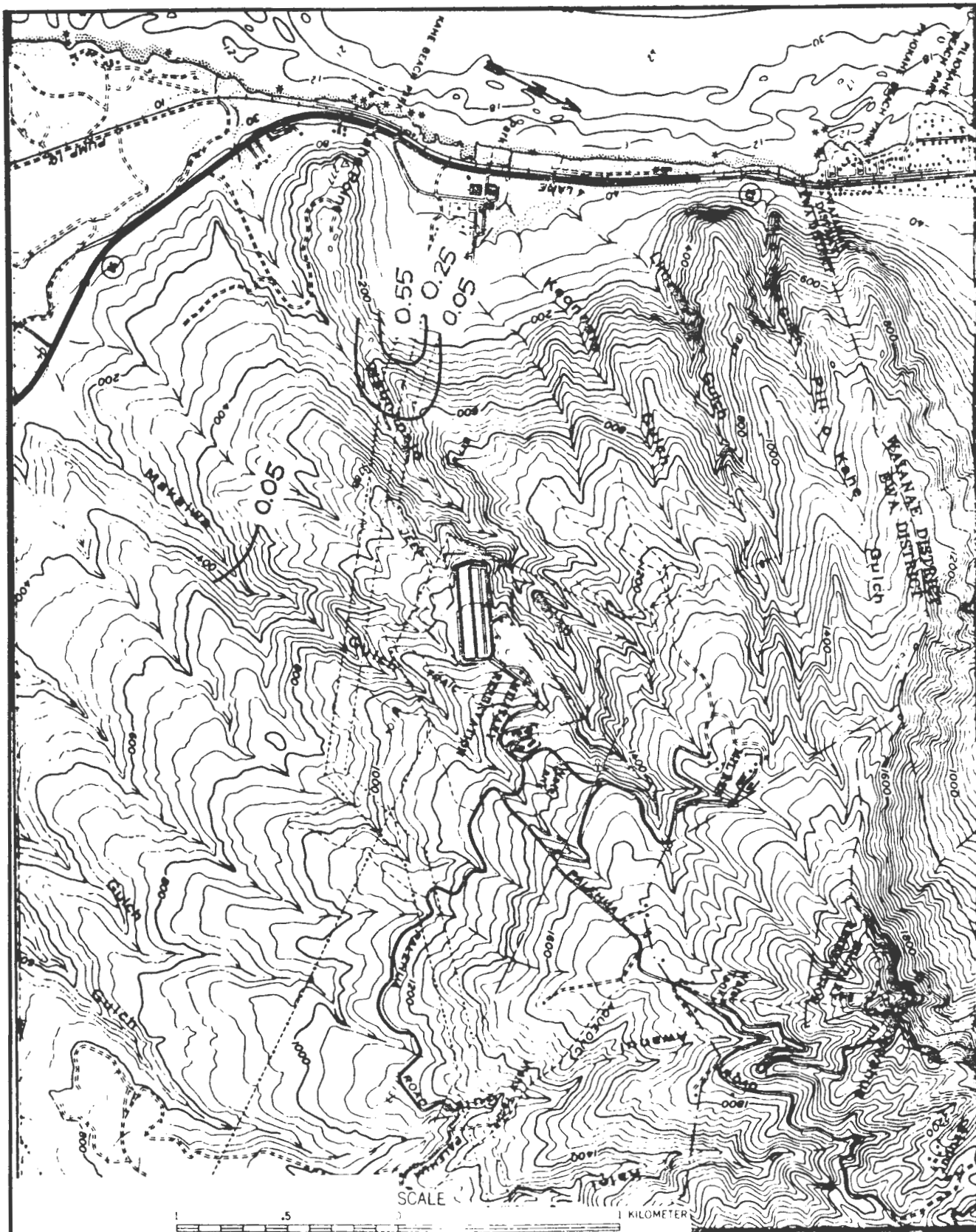


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B134
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 41

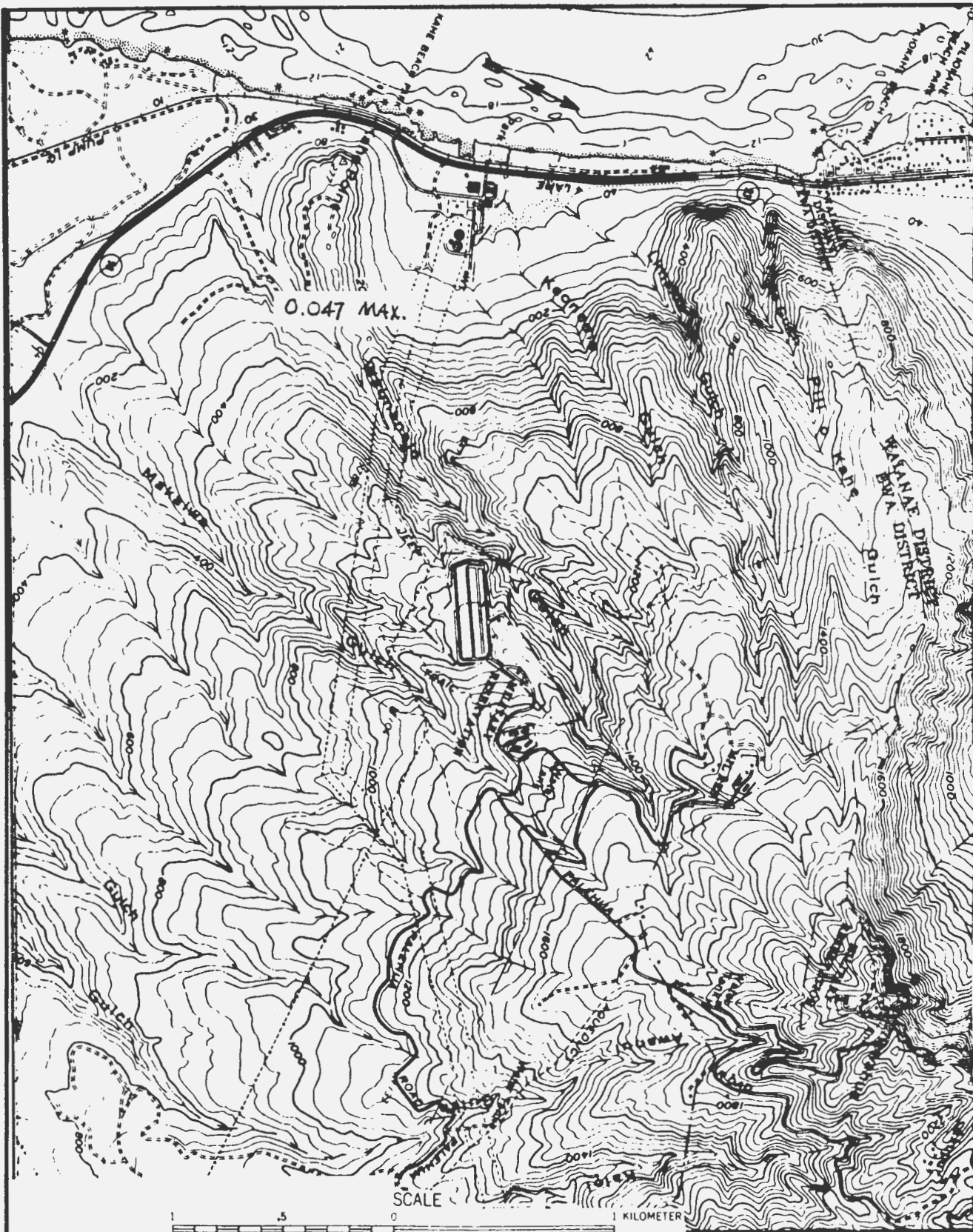


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B135
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 42



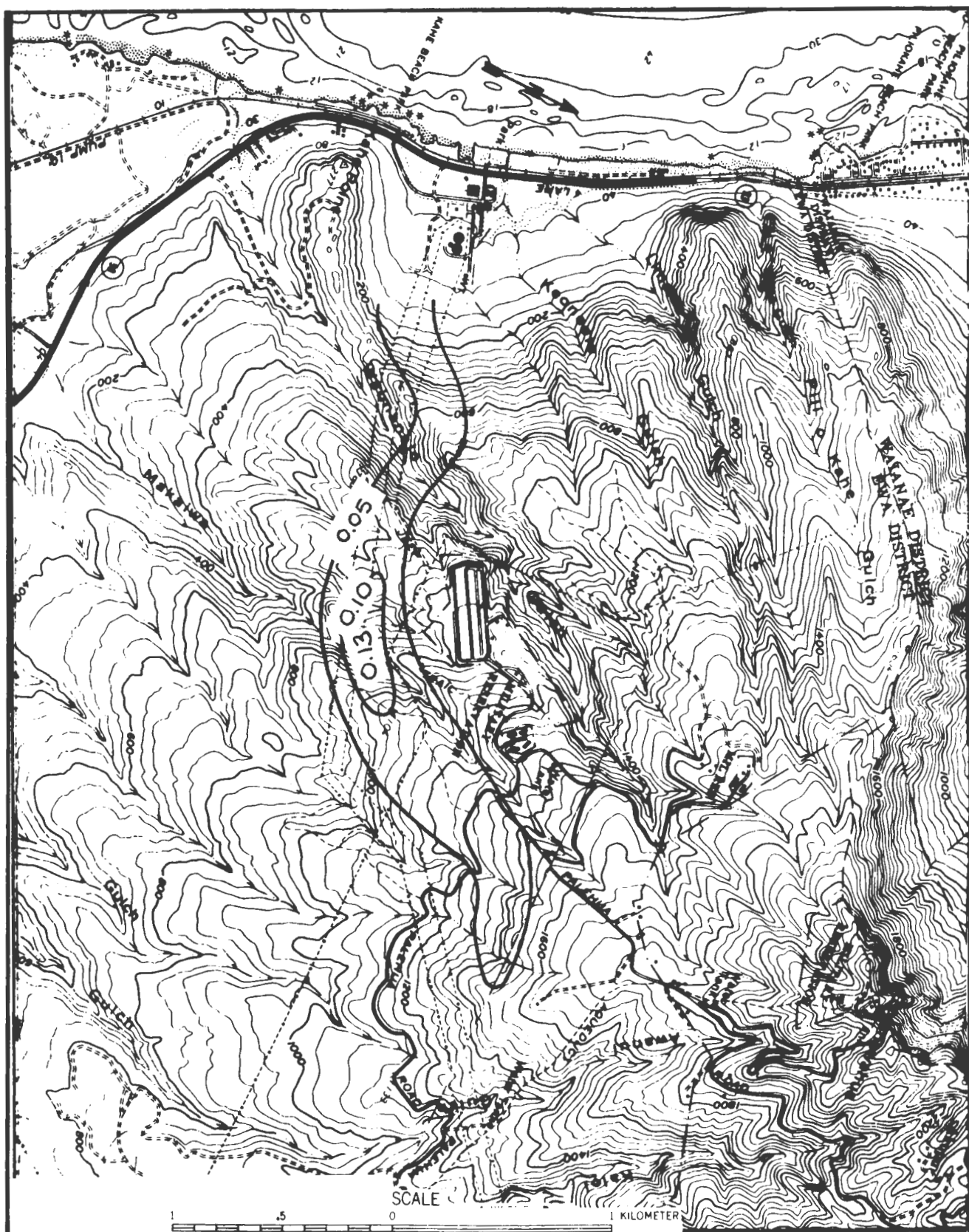
OPERATING CONDITIONS

STACKS: Present 1-5
Active 5

WIND: Direction 243°
Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B136
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 42

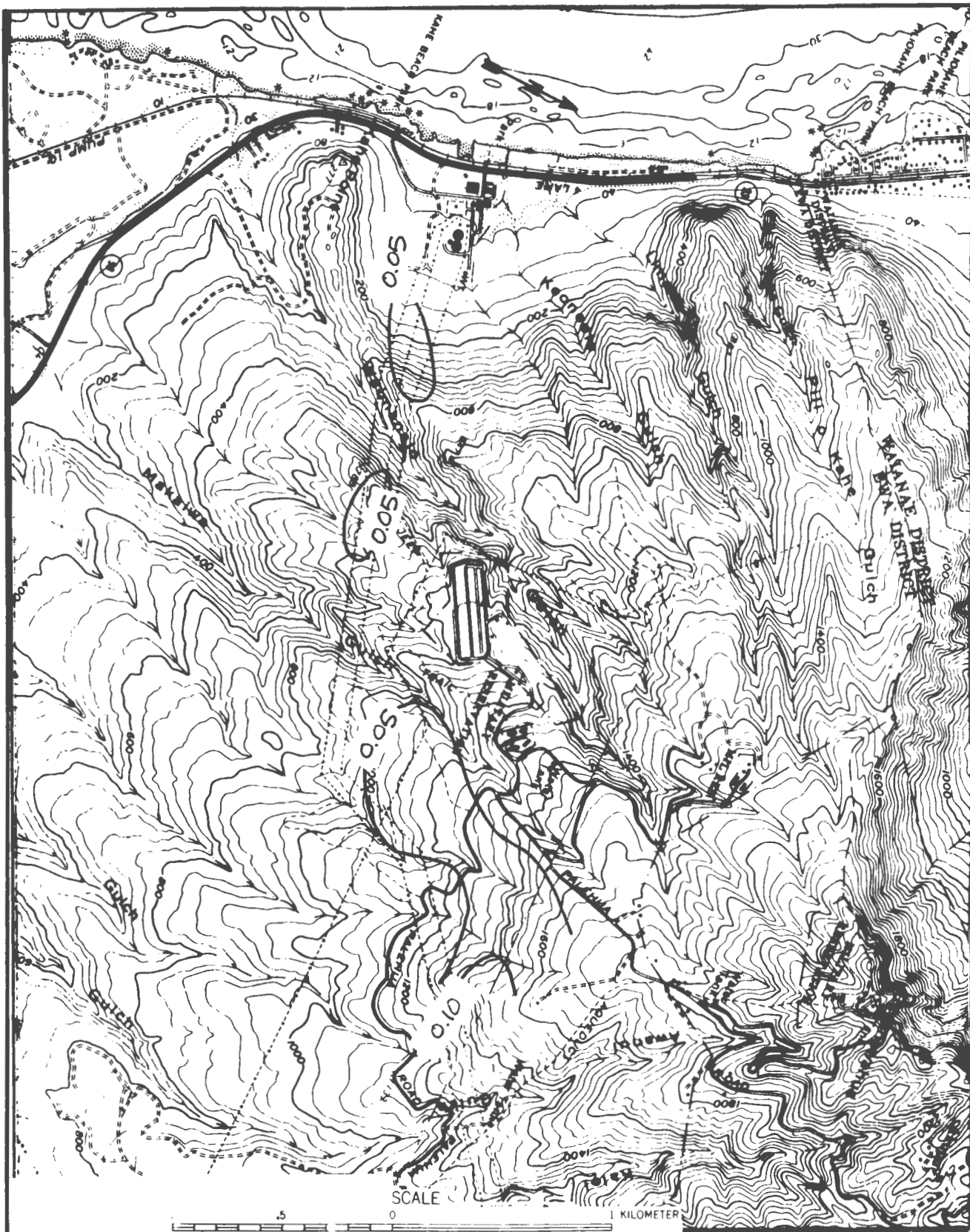


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B137
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 43

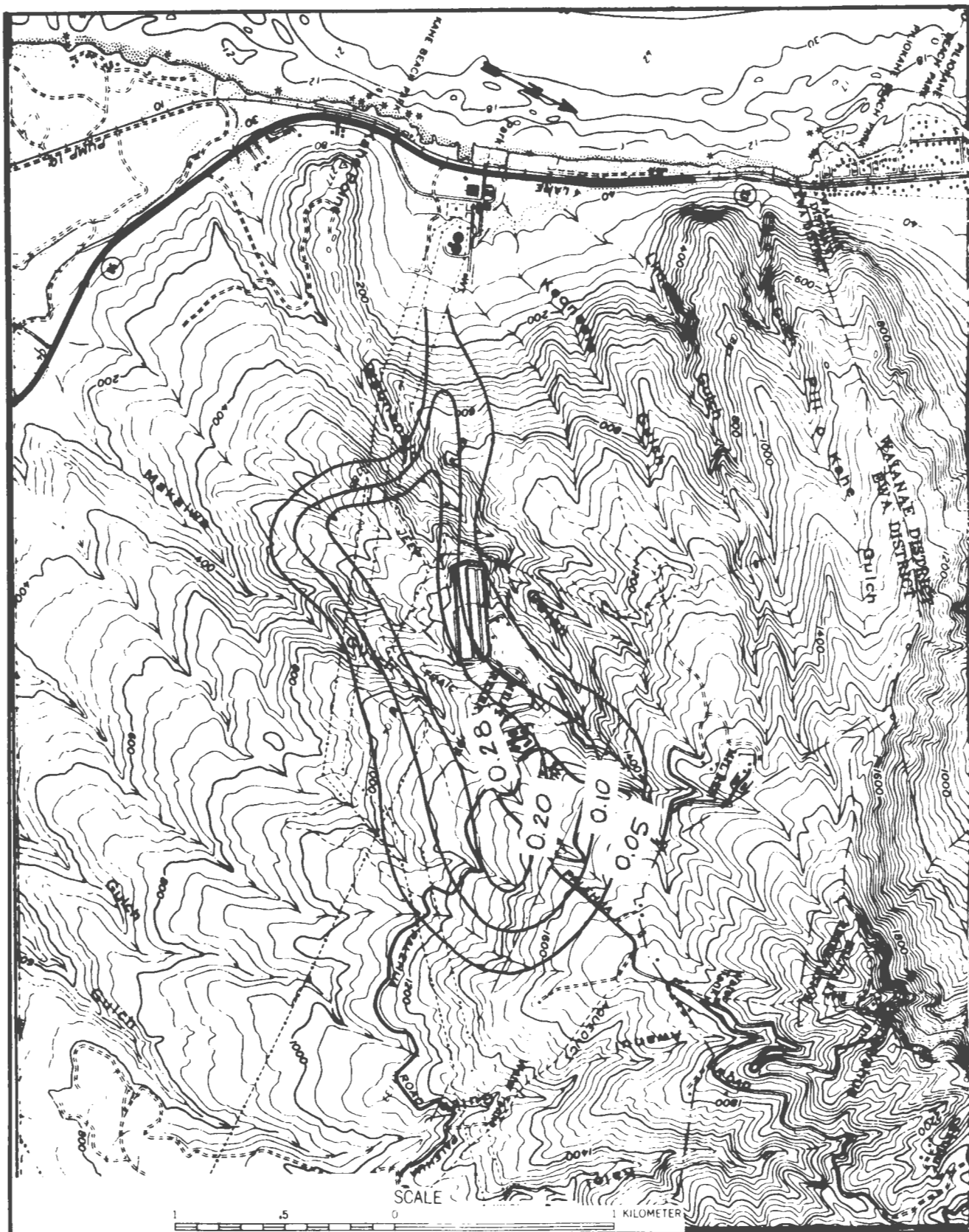


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B138
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 43



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

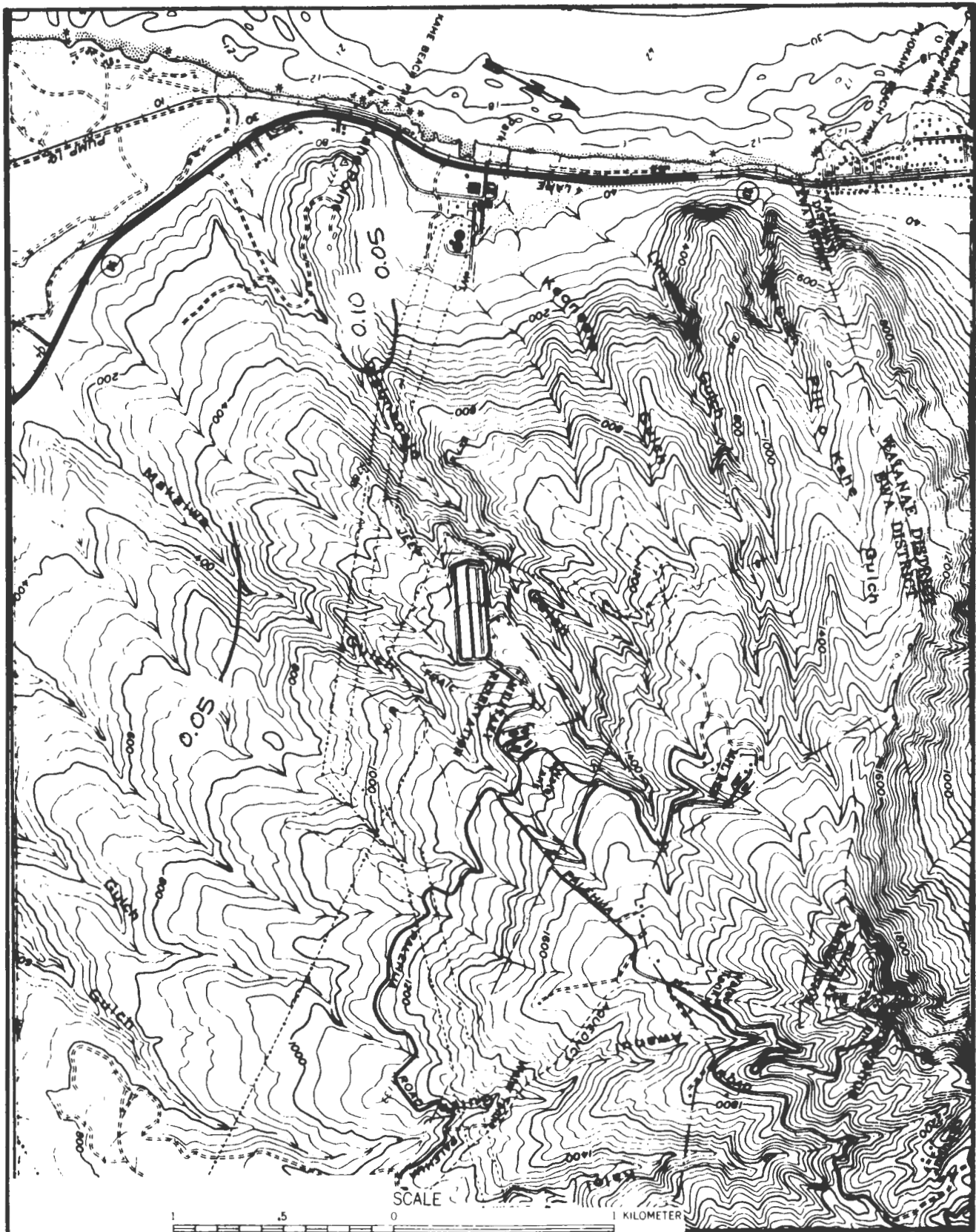
Figure B139
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 43



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B140
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 43



OPERATING CONDITIONS

STACKS:	Present	1C, 5-8
	Active	6
WIND:	Direction	243°
	Velocity	13.4 m/s

KAHE POWER PLANT Model Study

Figure B141
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 44

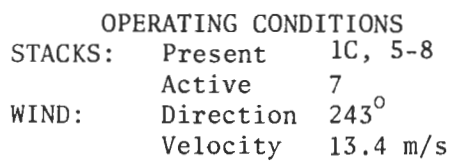
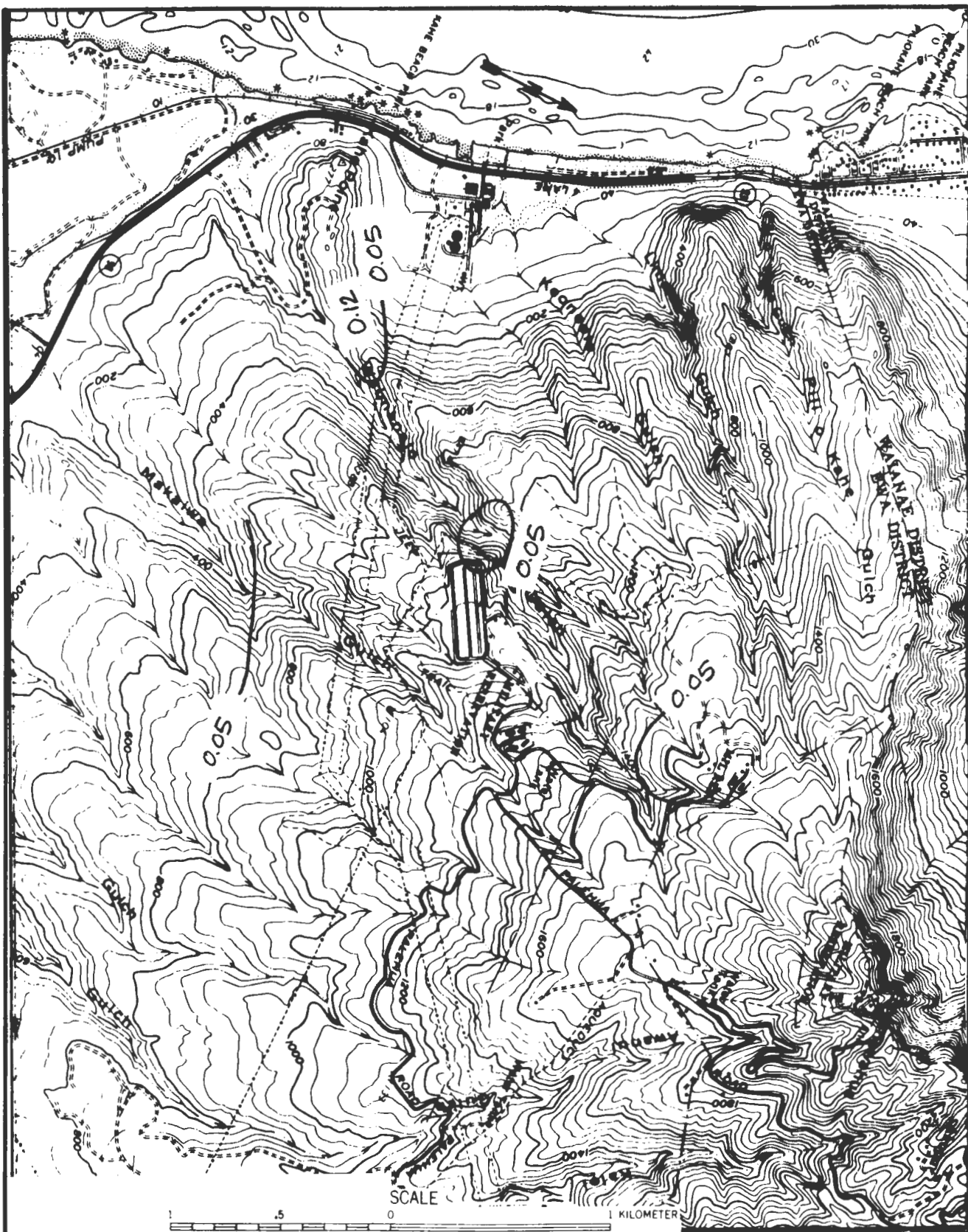


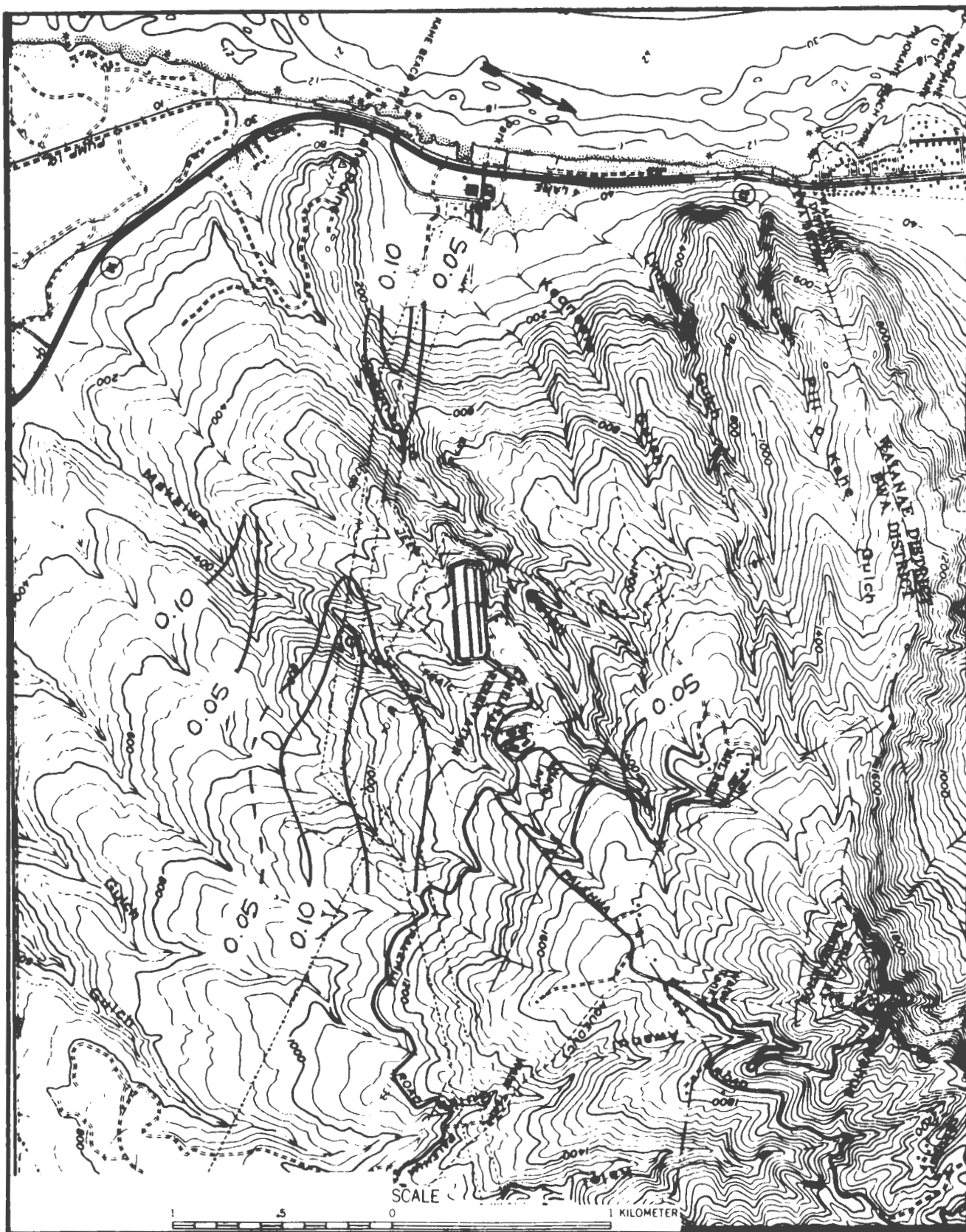
Figure B142
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 44



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B143
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 44

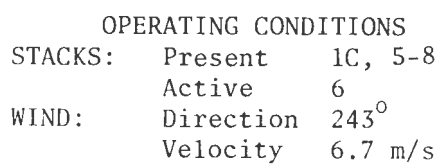


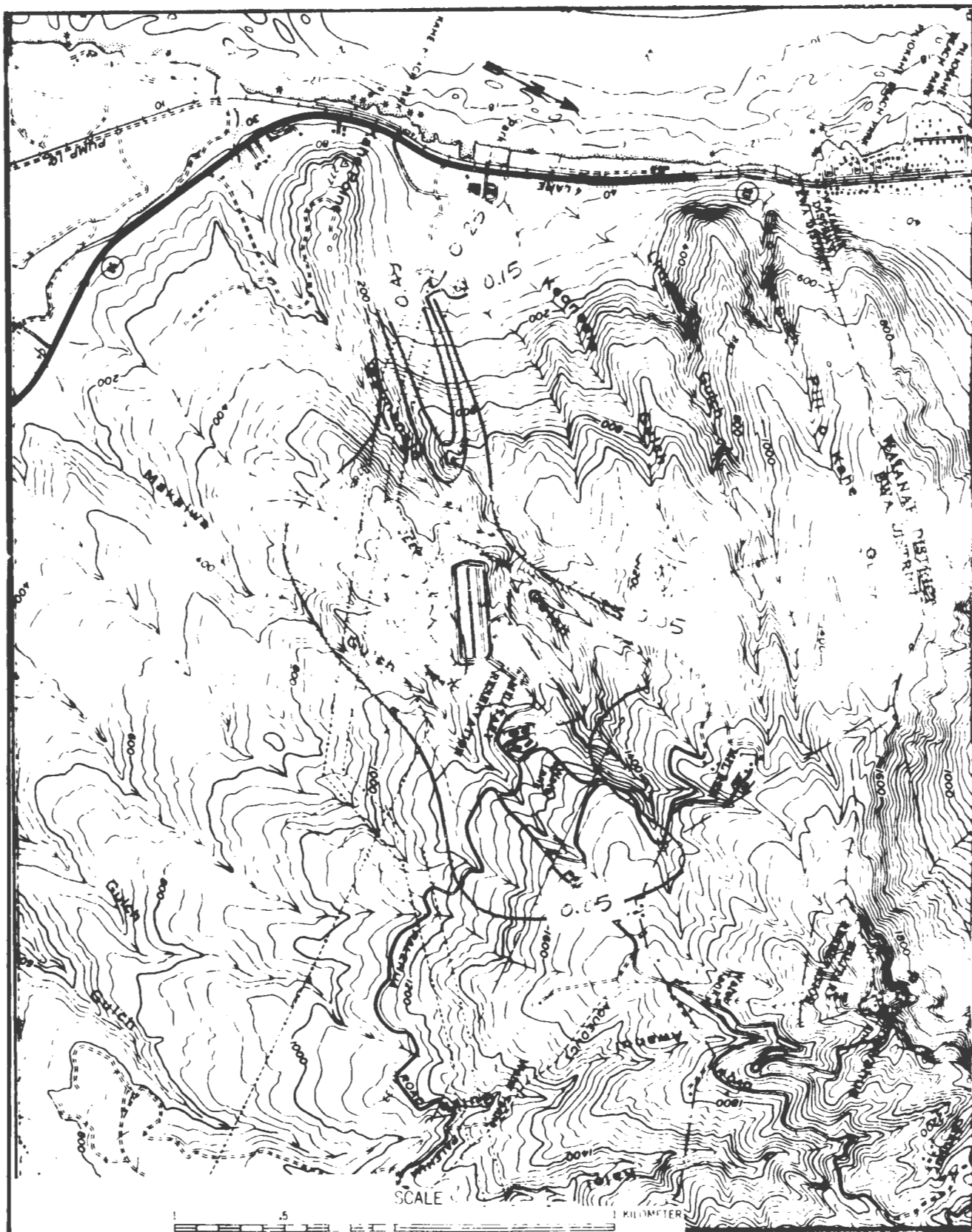
OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B144
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 44



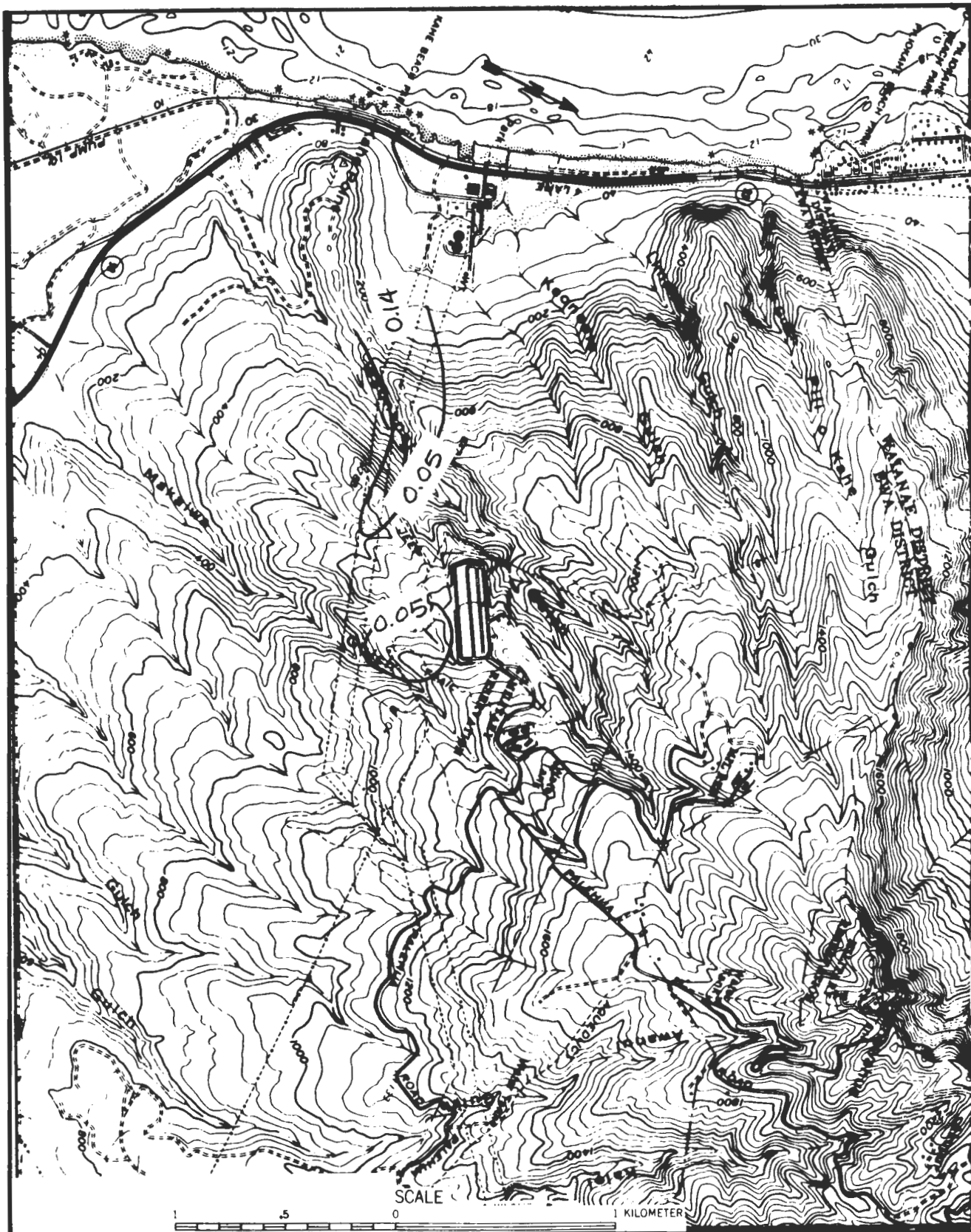


OPERATING CONDITIONS

STACKS: Present IC, 5-8
Active
WIND: Direction 243
Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B146
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 45

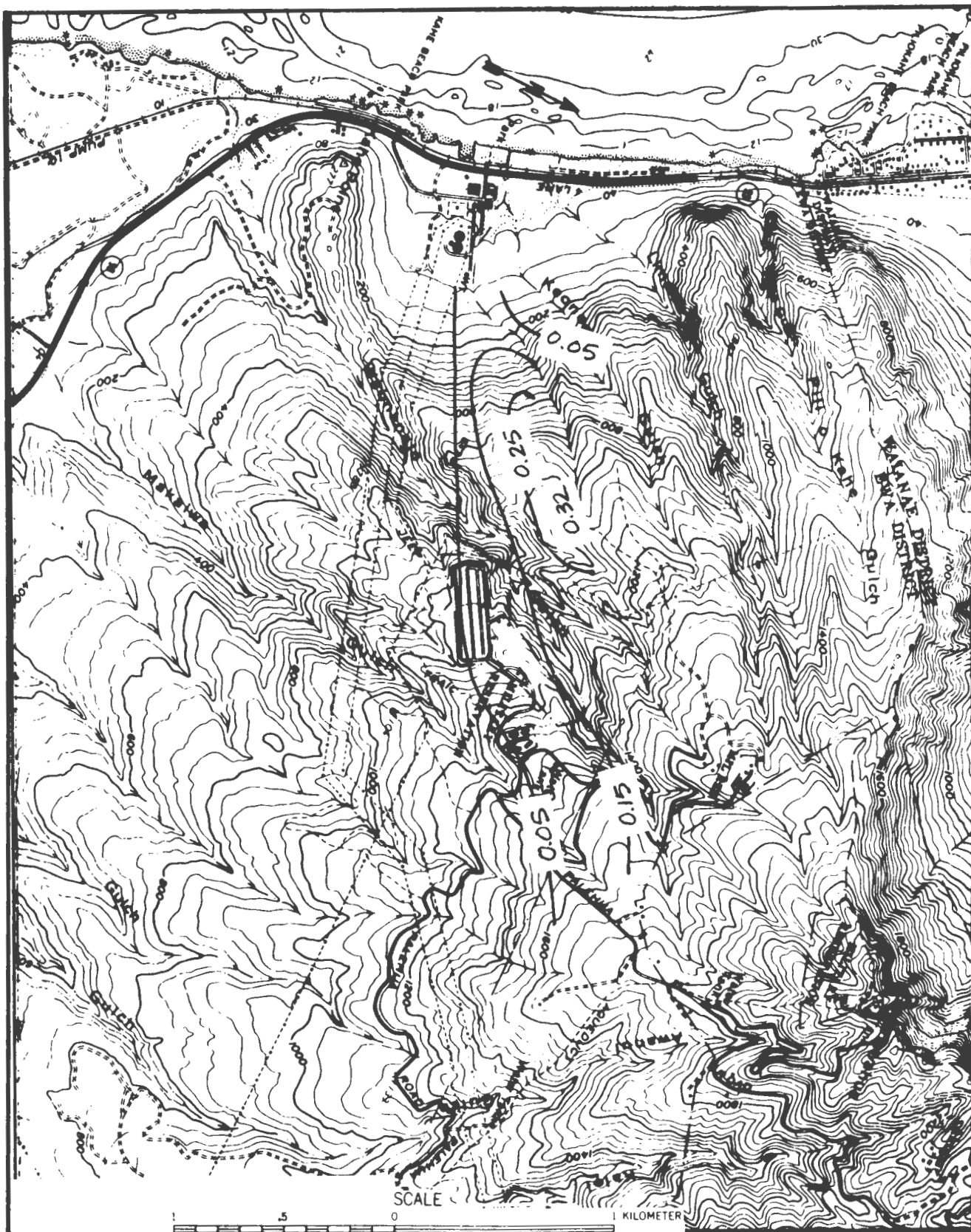


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 243
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B147
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 45

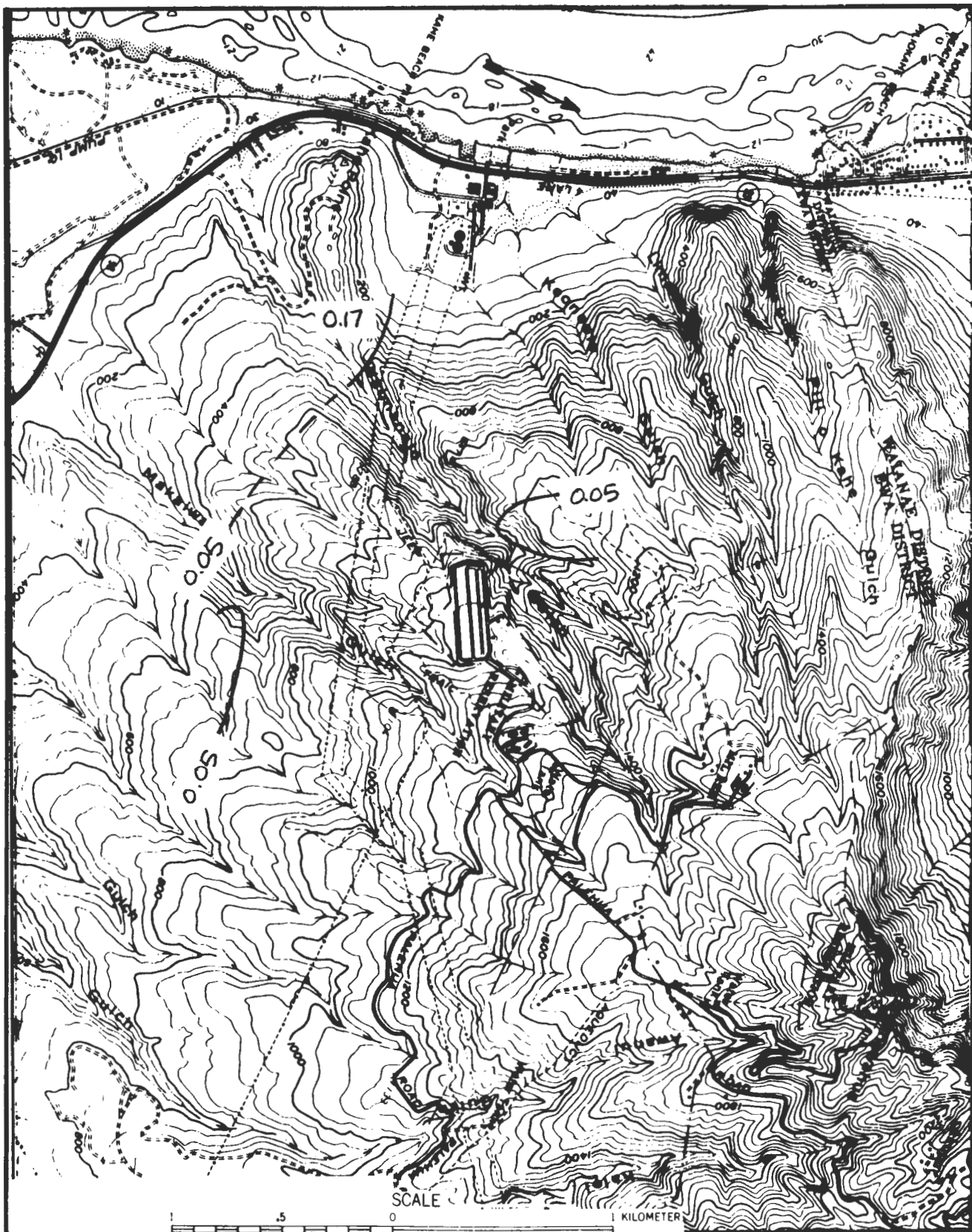


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 243
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B148
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 45

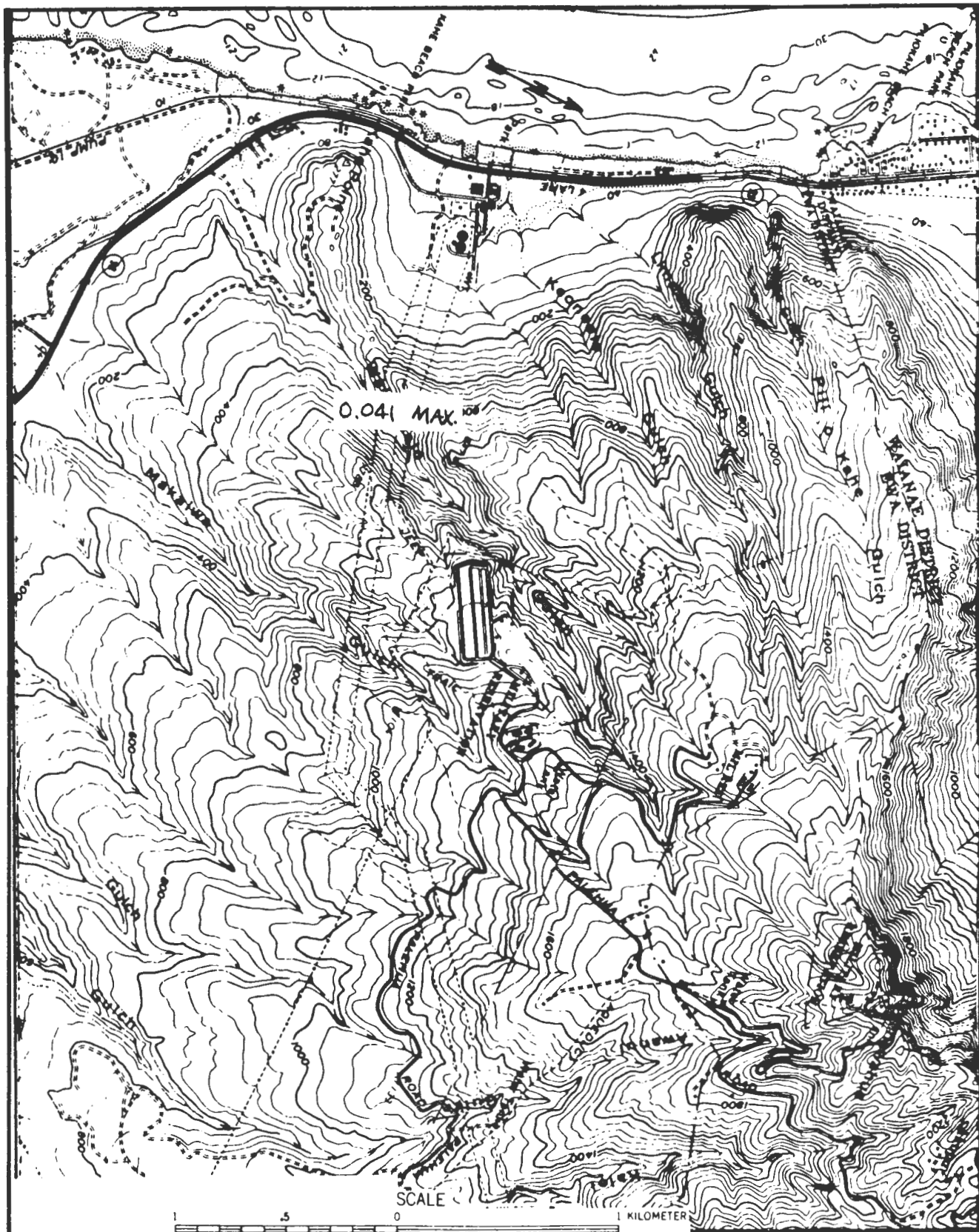


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 243
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B149
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 46

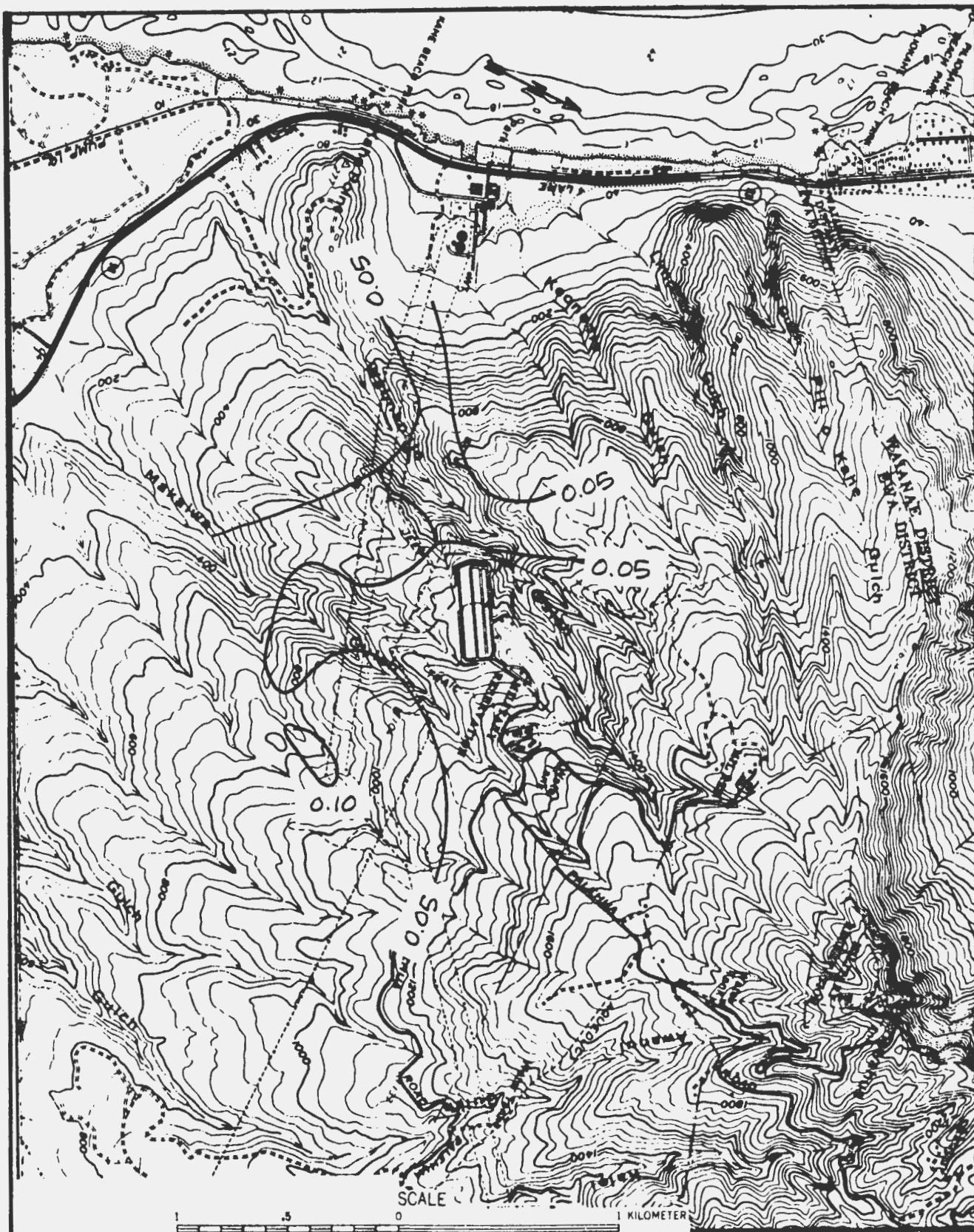


OPERATING CONDITIONS

STACKS:	Present	1C, 5-8
	Active	8
WIND:	Direction	243
	Velocity	13.4 m/s

KAHE POWER PLANT Model Study

Figure B151
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 46

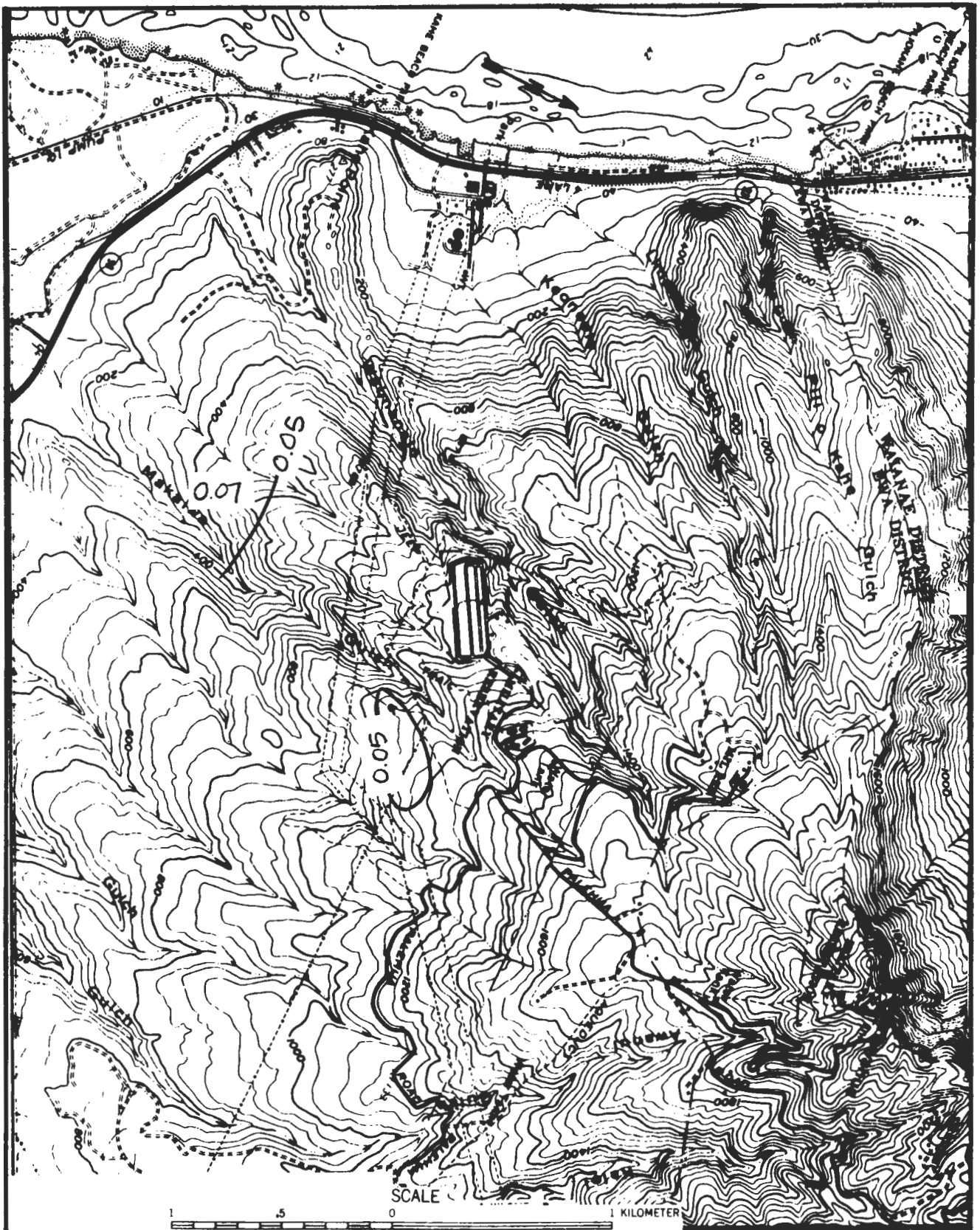


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 243
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B152
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 46

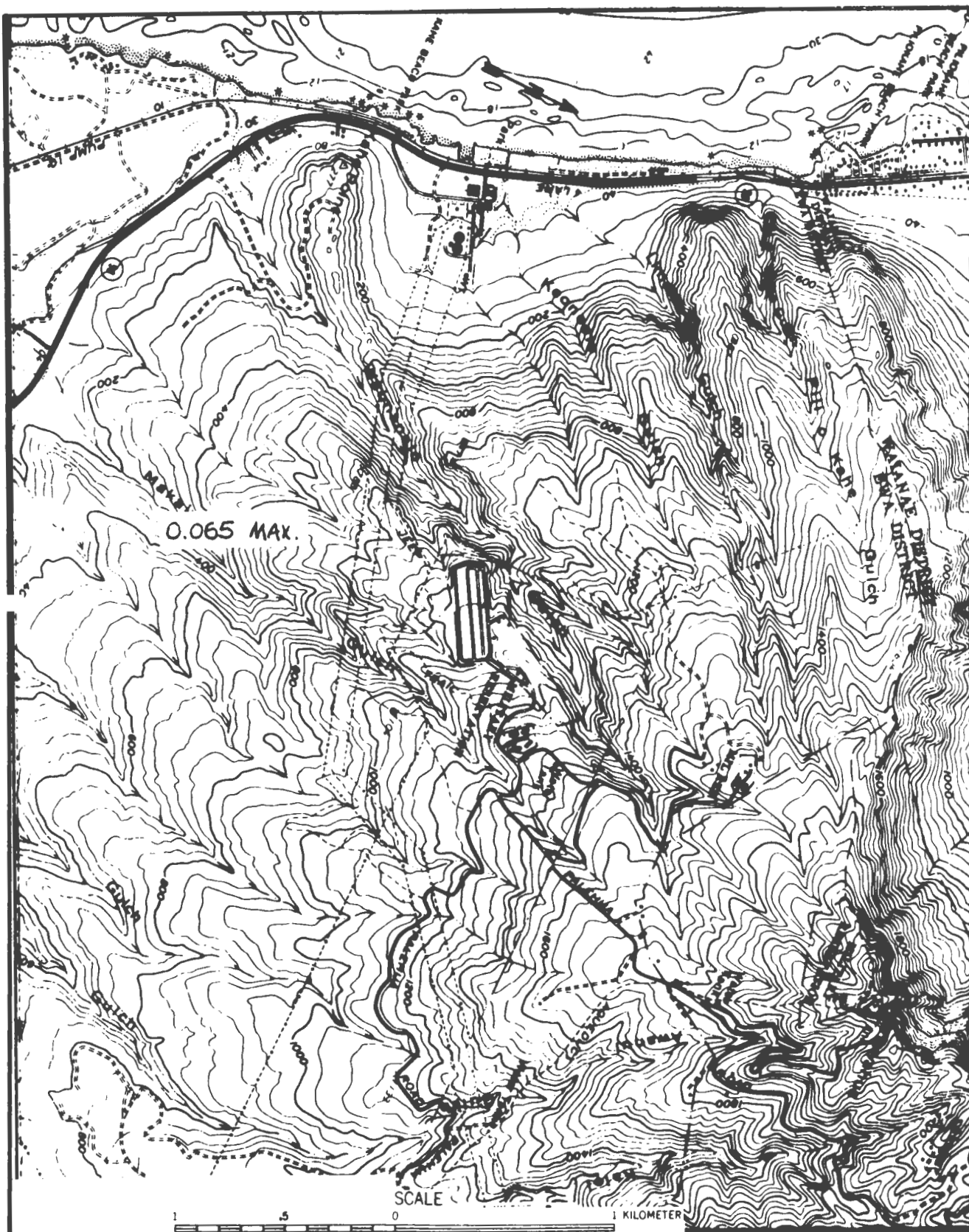


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 243
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B153
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 47

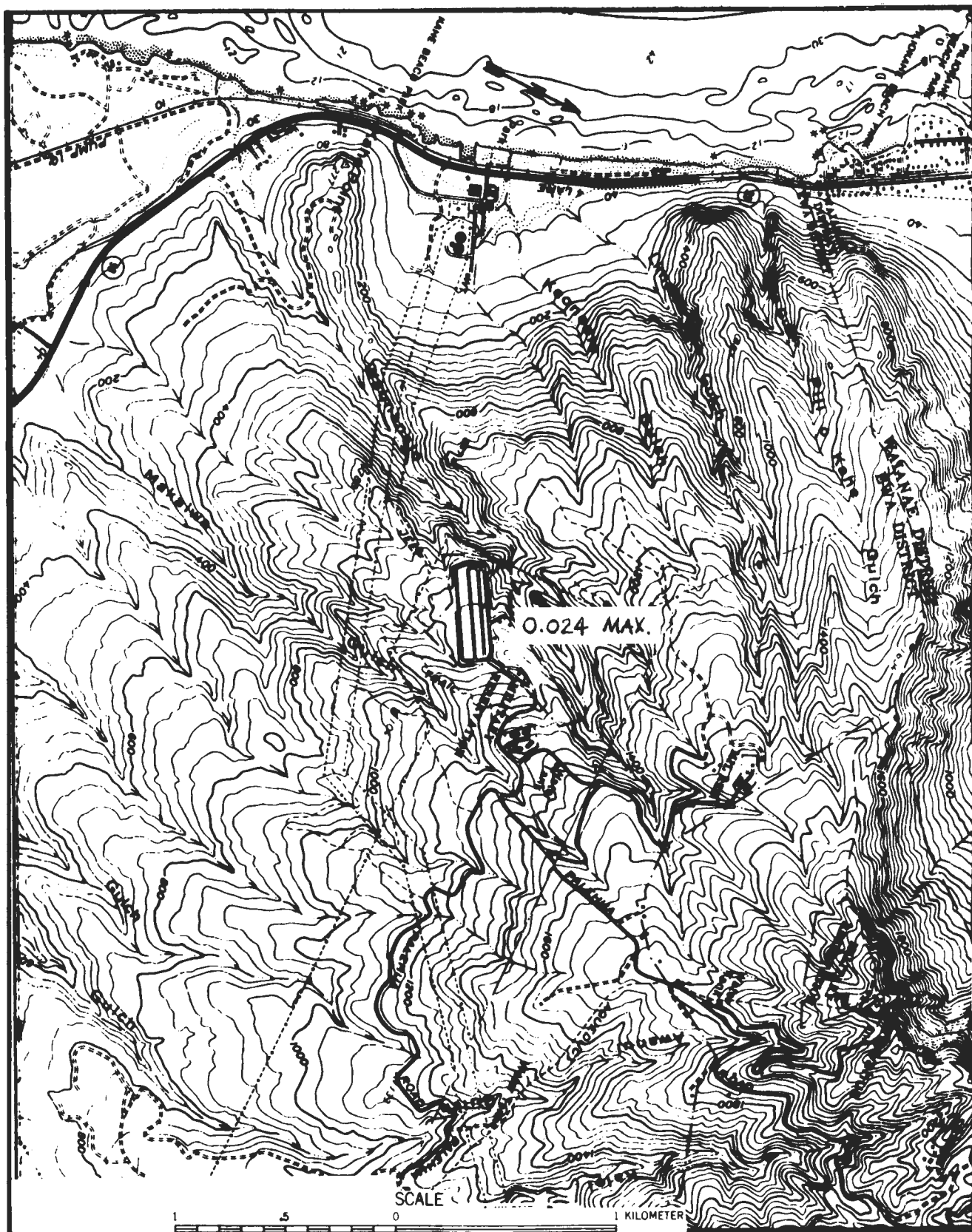


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 243
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B154
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 47

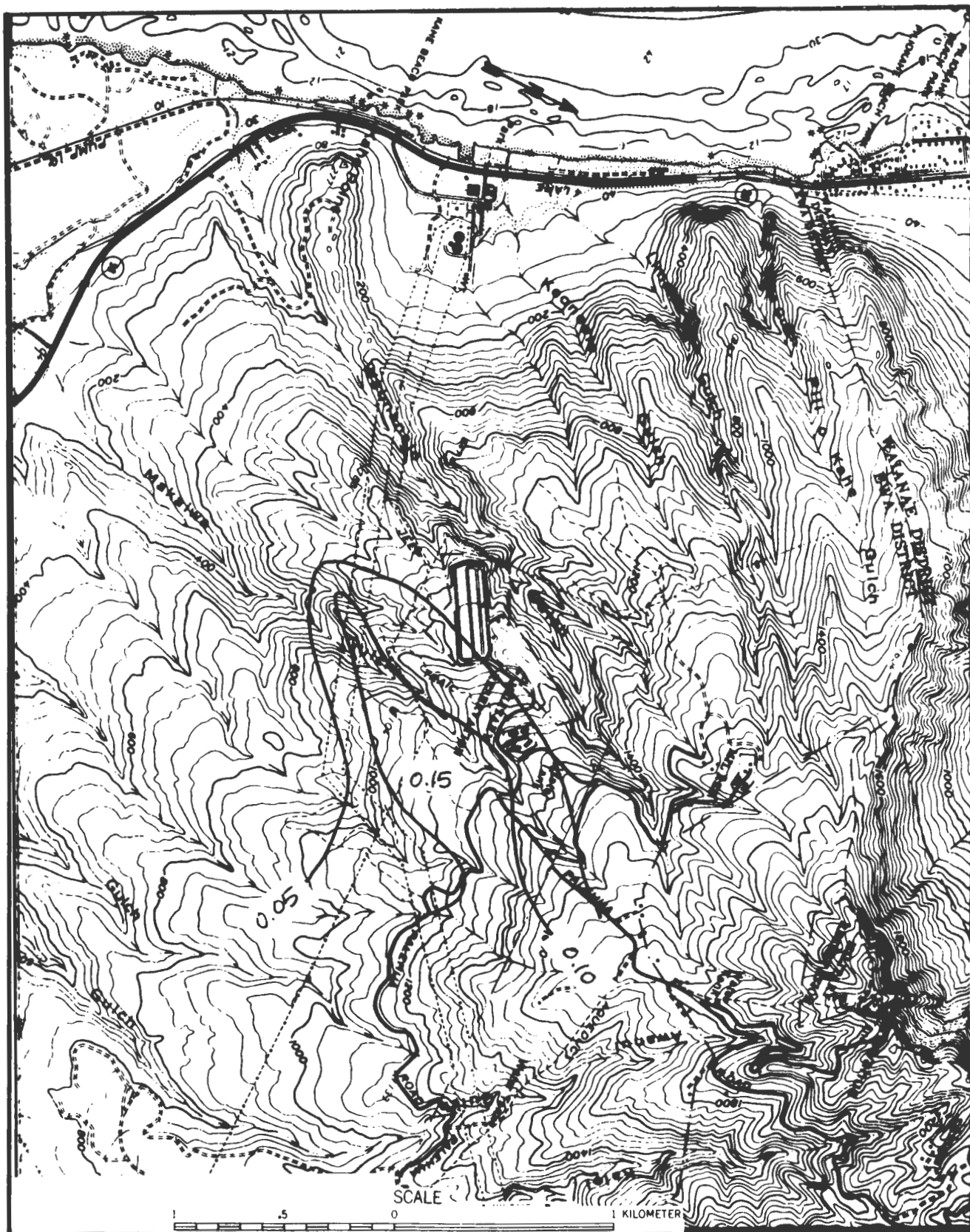


OPERATING CONDITIONS

STACKS:	Present	1C, 5-8
	Active	8
WIND:	Direction	243
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

Figure B155
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 47

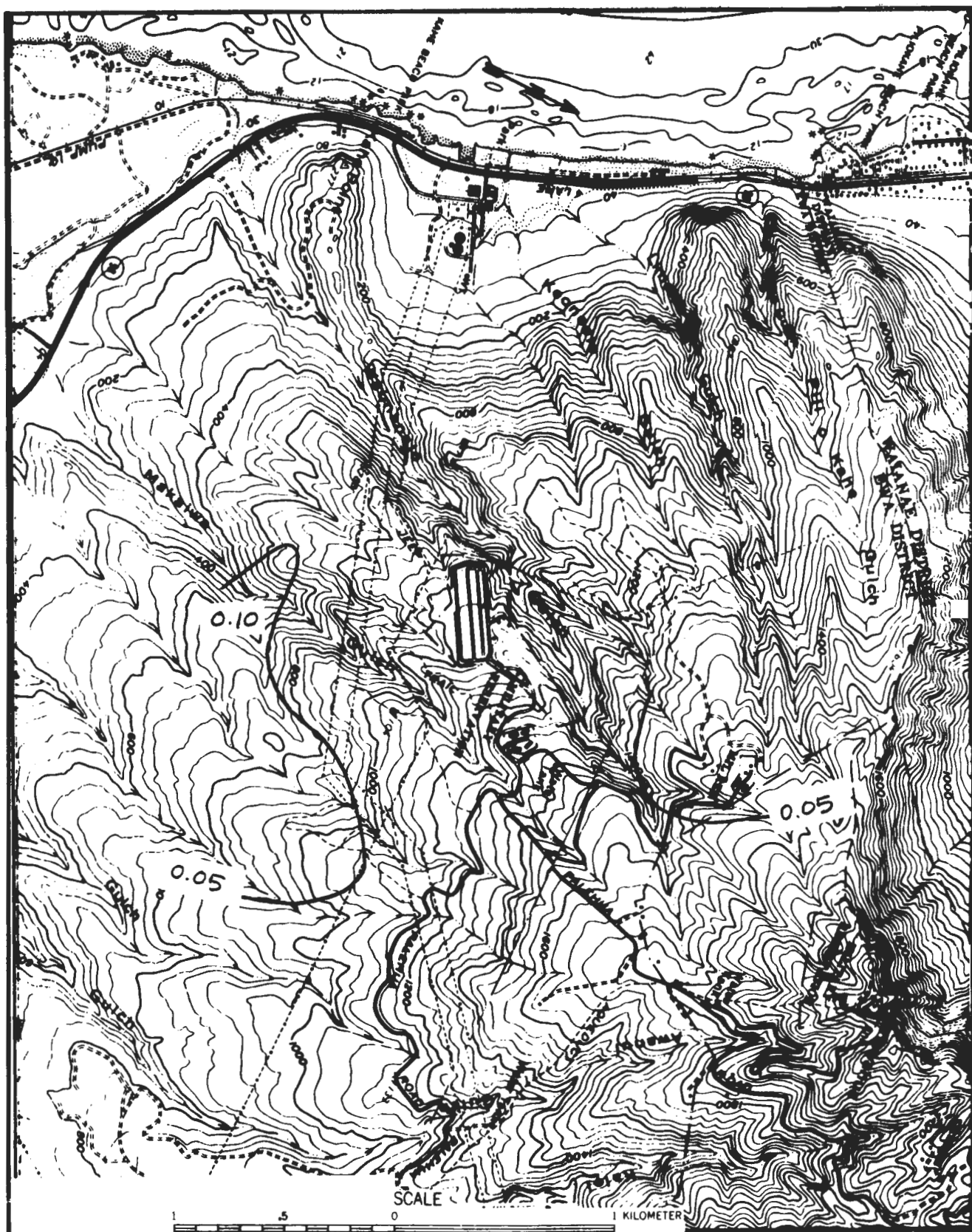


OPERATING CONDITIONS:

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 243 °
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

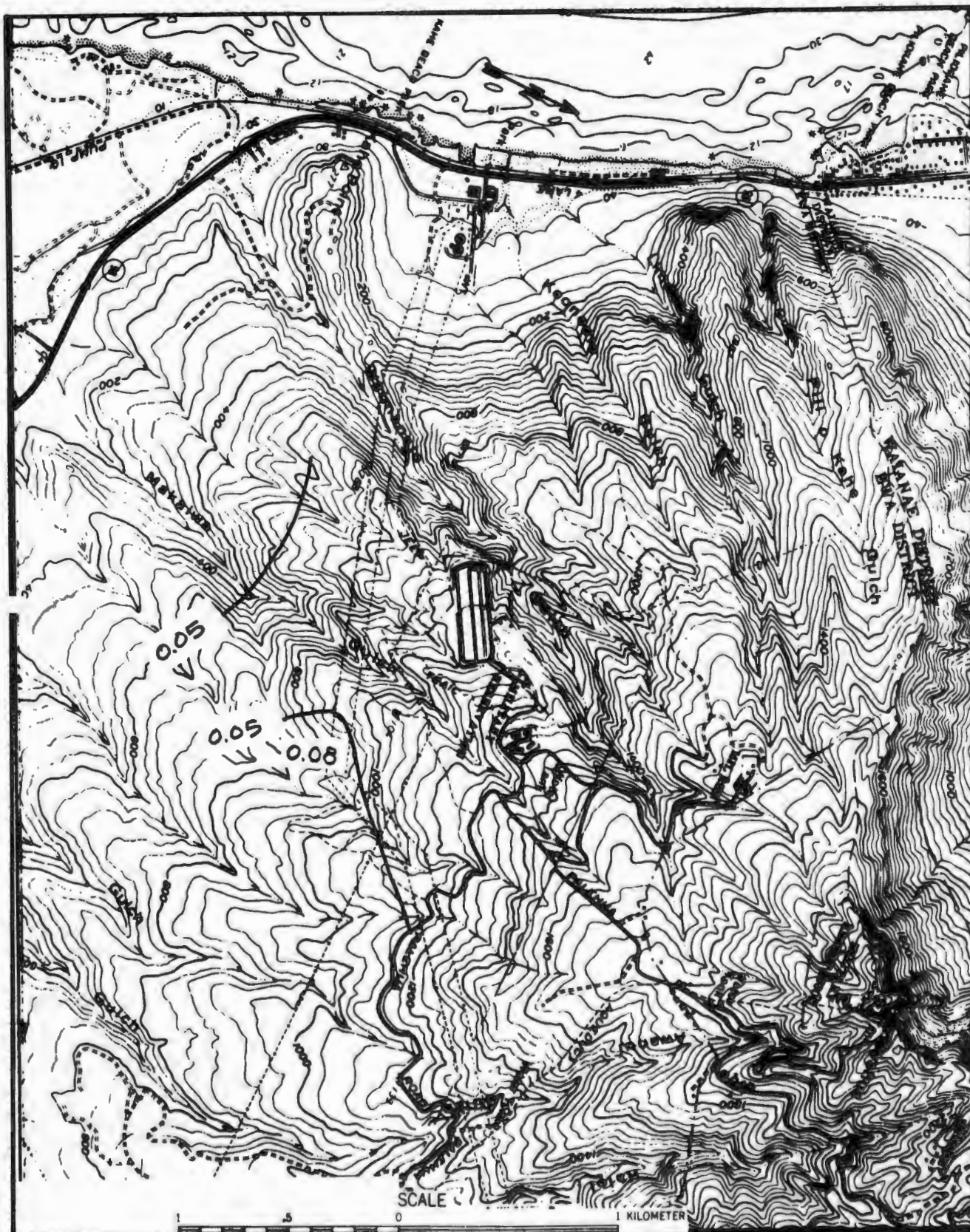
Figure B156
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 47



OPERATING CONDITIONS:
 STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B157
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 48

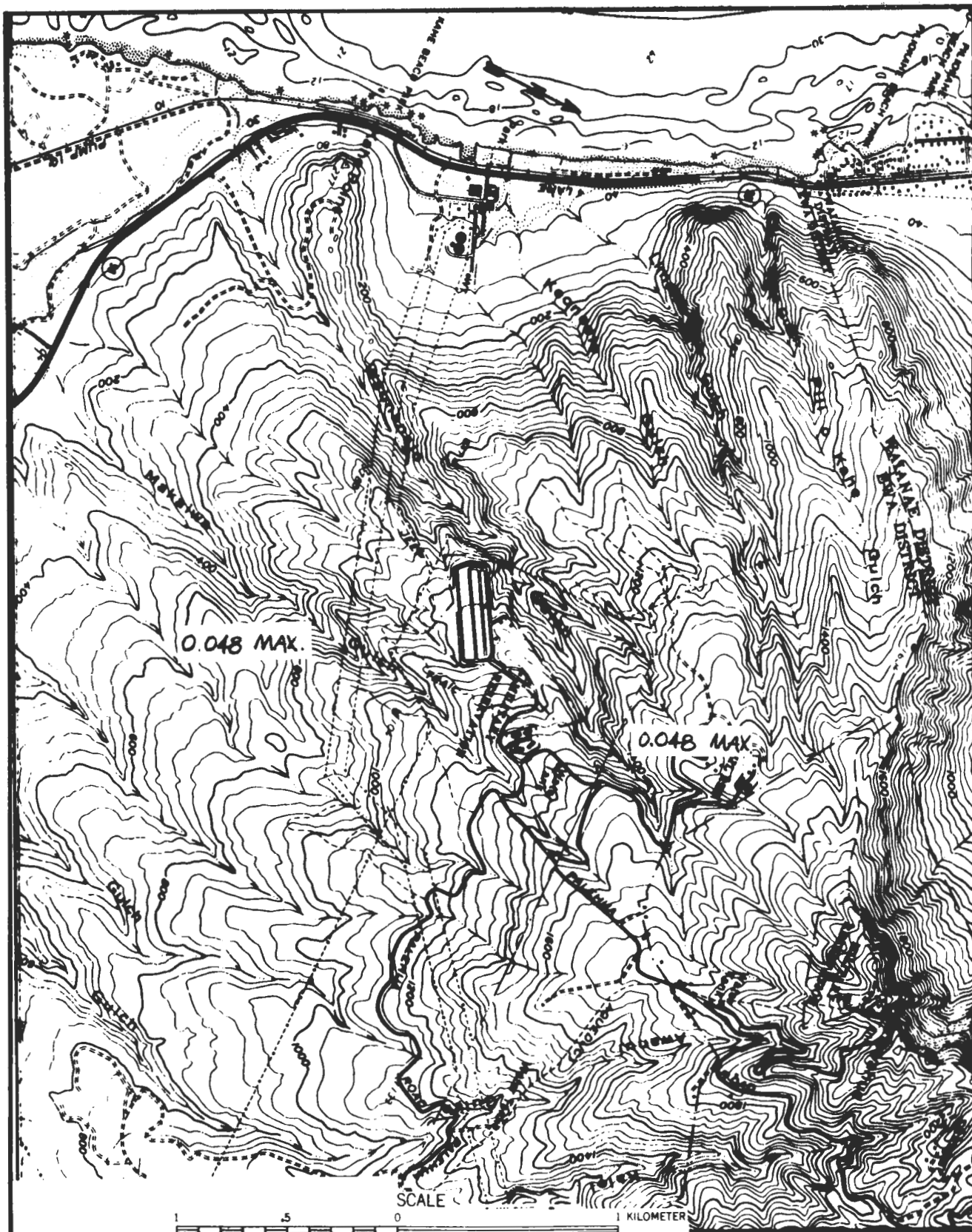


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B158
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 48



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B159
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 48

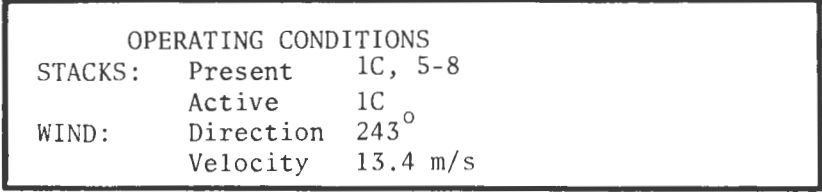
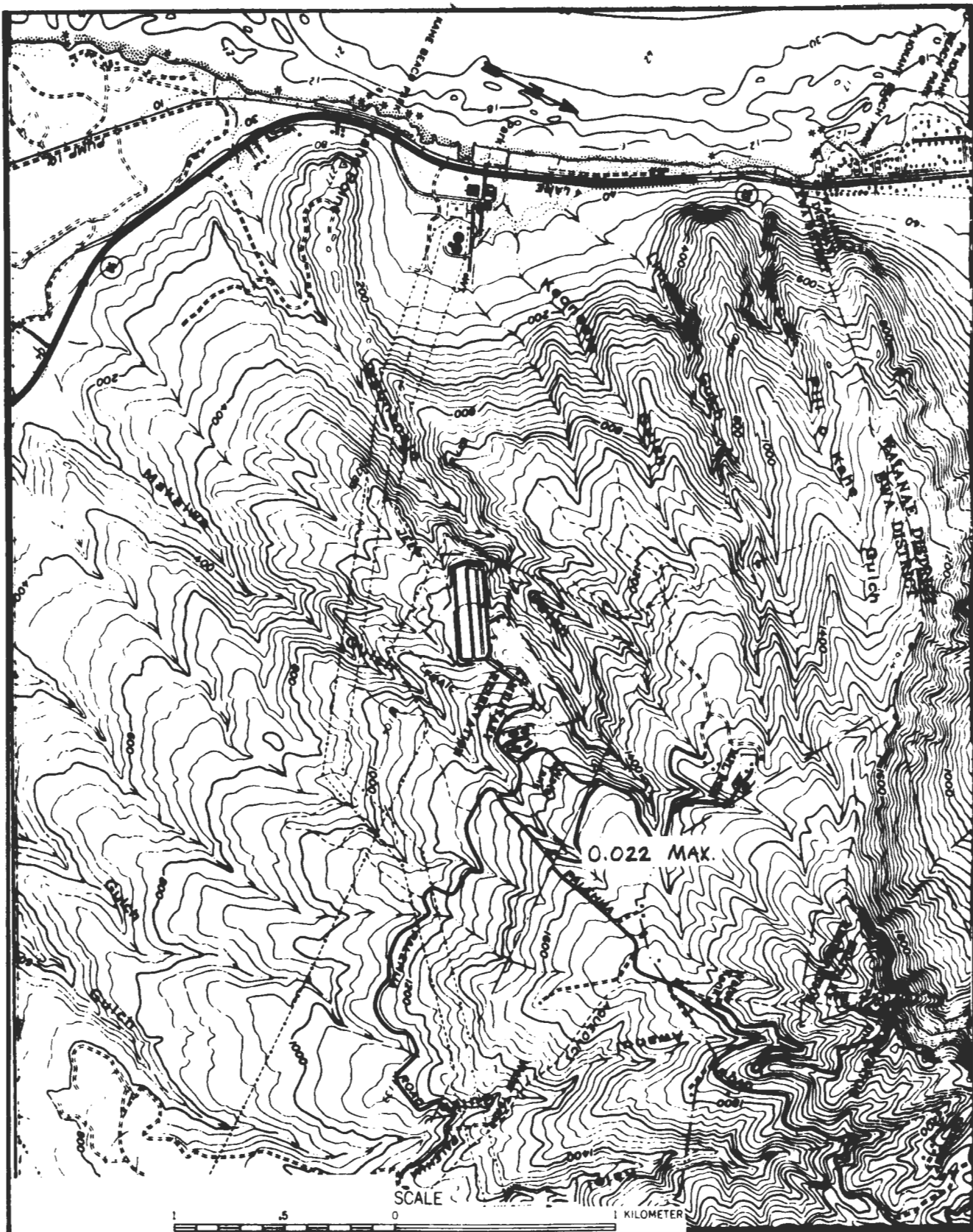
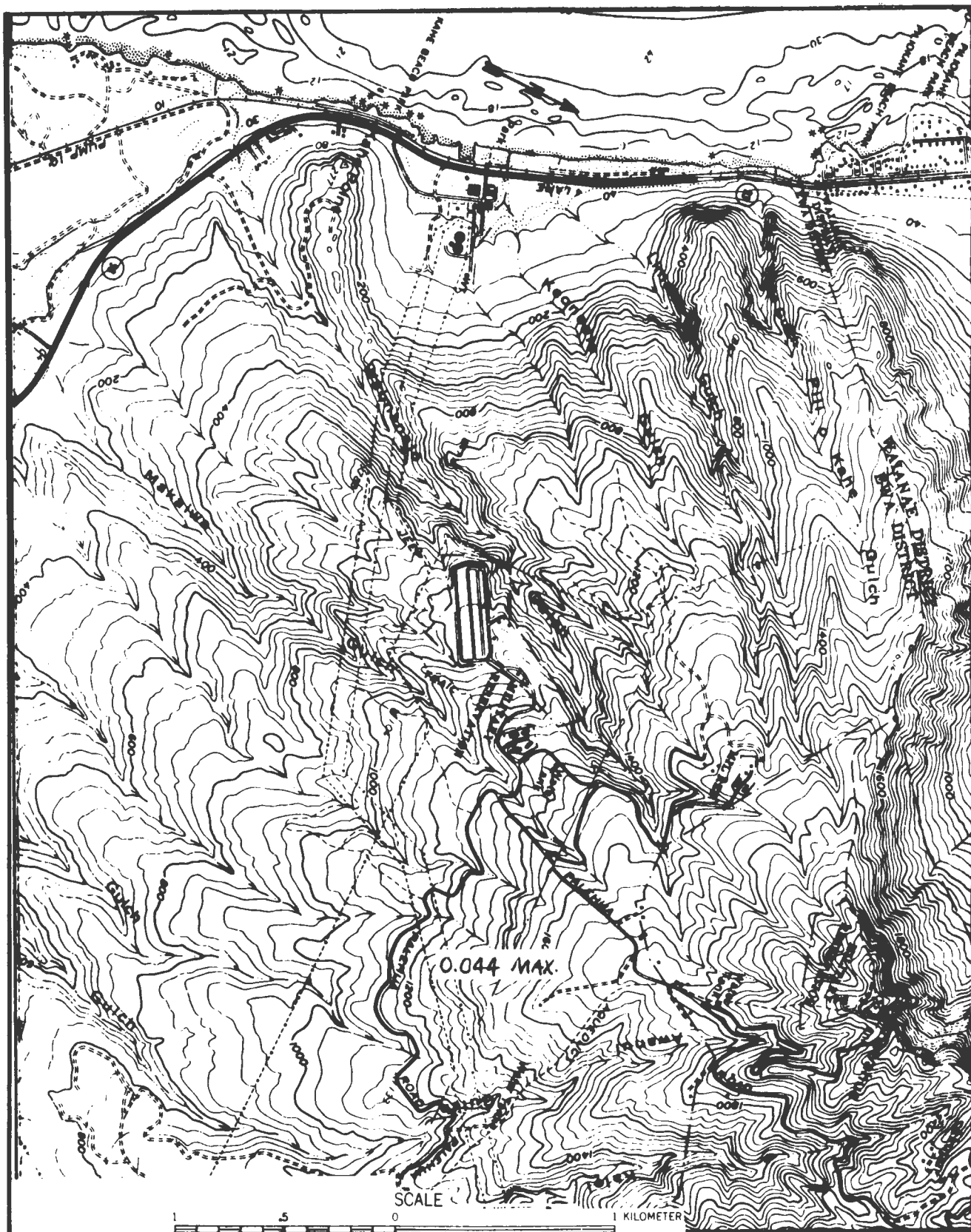


Figure B160
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 48



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study
 Figure B161
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 49

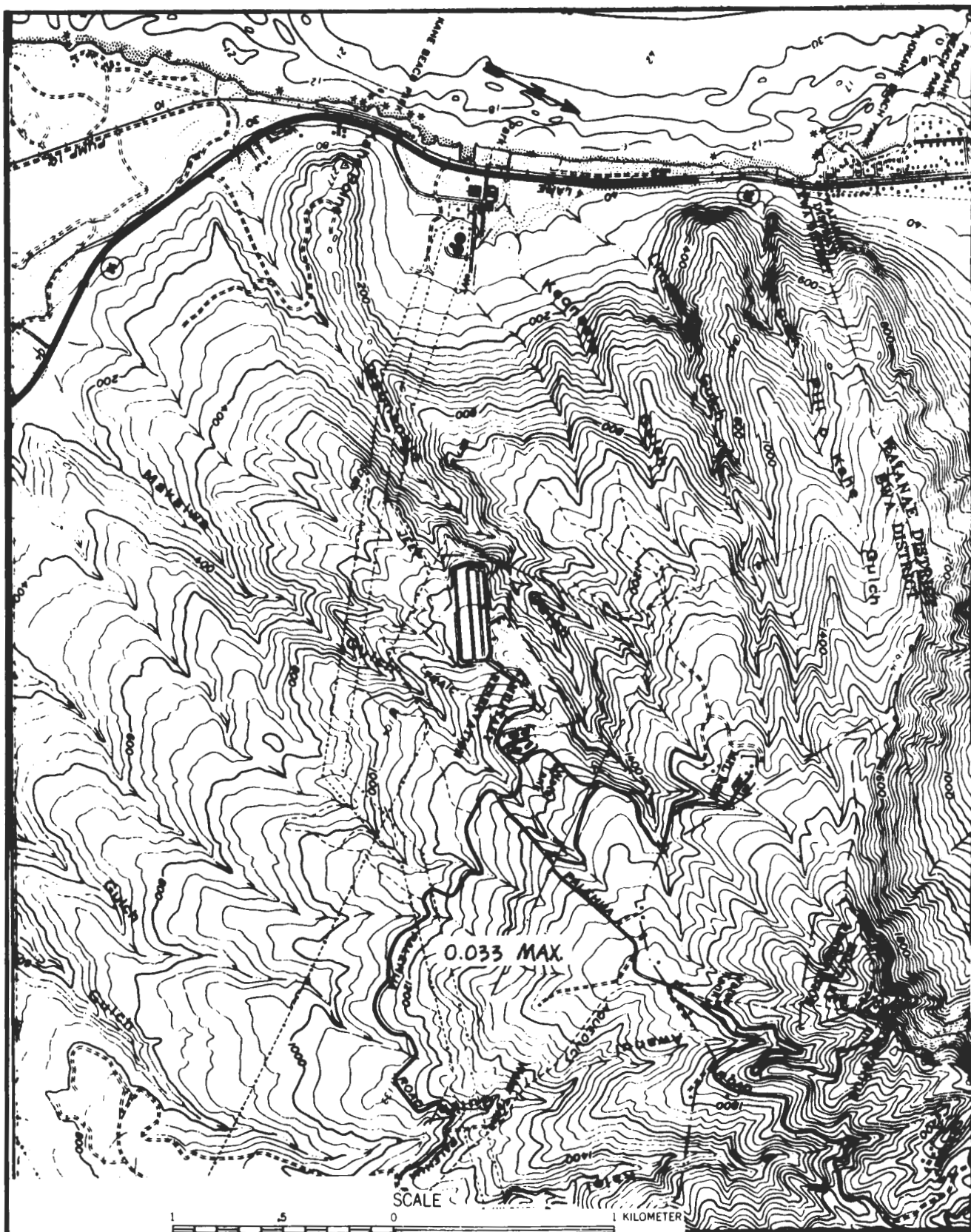


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B162
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 49

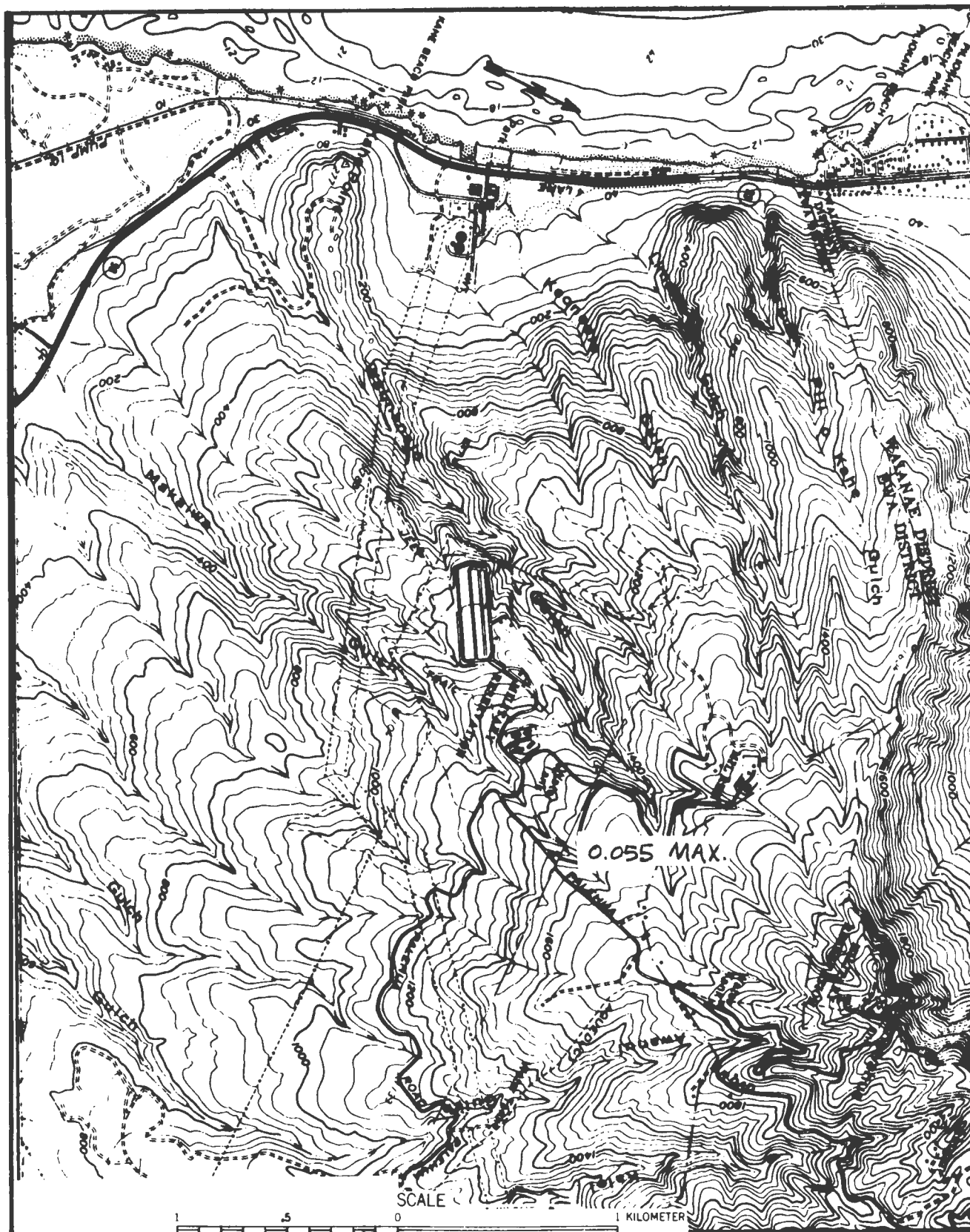


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B163
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 49

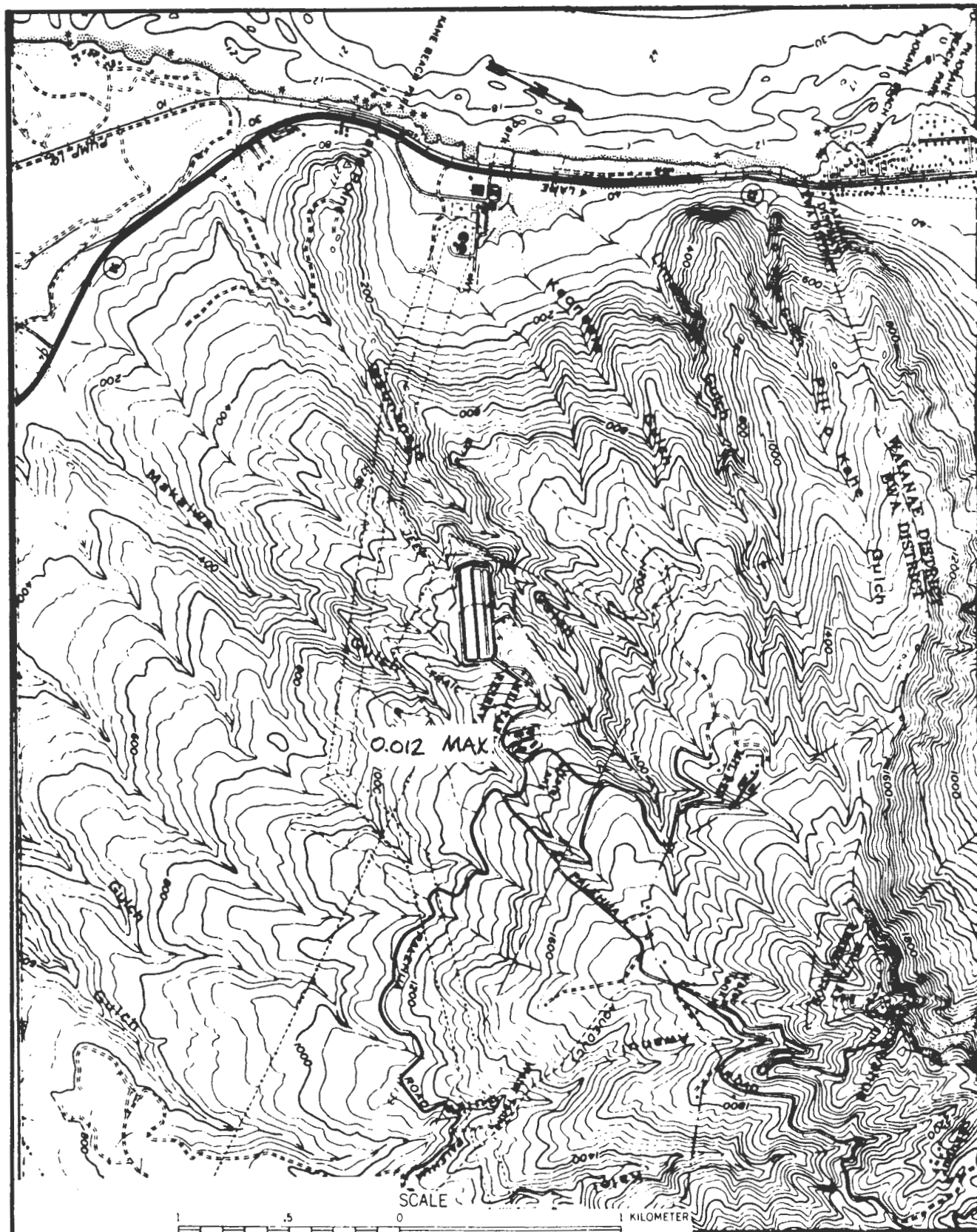


OPERATING CONDITIONS:

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 243°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B164
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 49



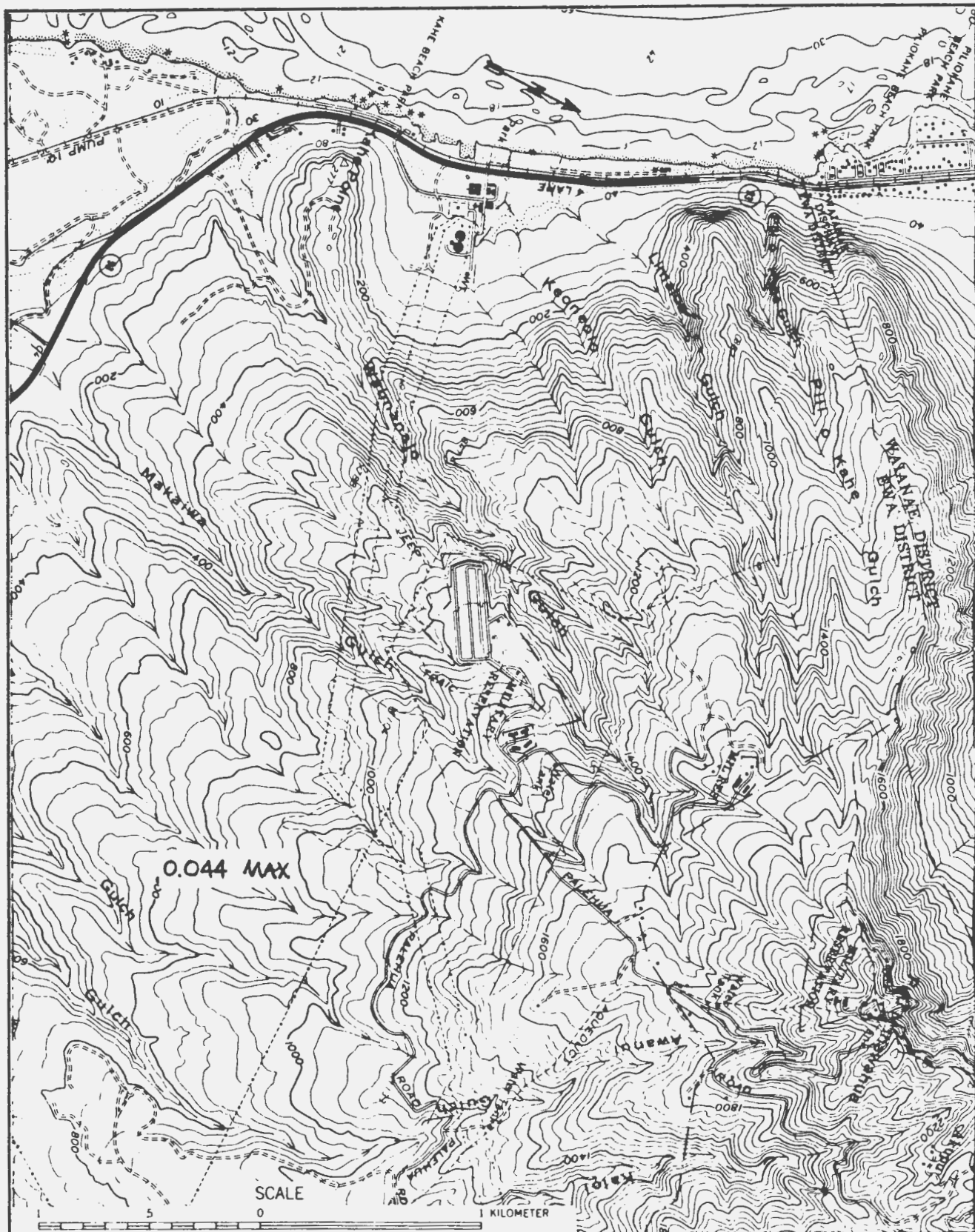
OPERATING CONDITIONS

STACKS:	Present	1C, 5-8
	Active	6
WIND:	Direction	243°
	Velocity	13.4 m/s

KAHE POWER PLANT Model Study

Figure B165

PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 50



OPERATING CONDITIONS:

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 243°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B166
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 Run 50

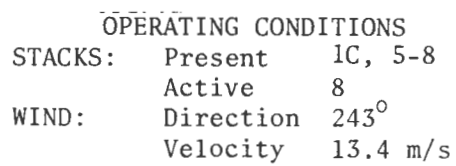
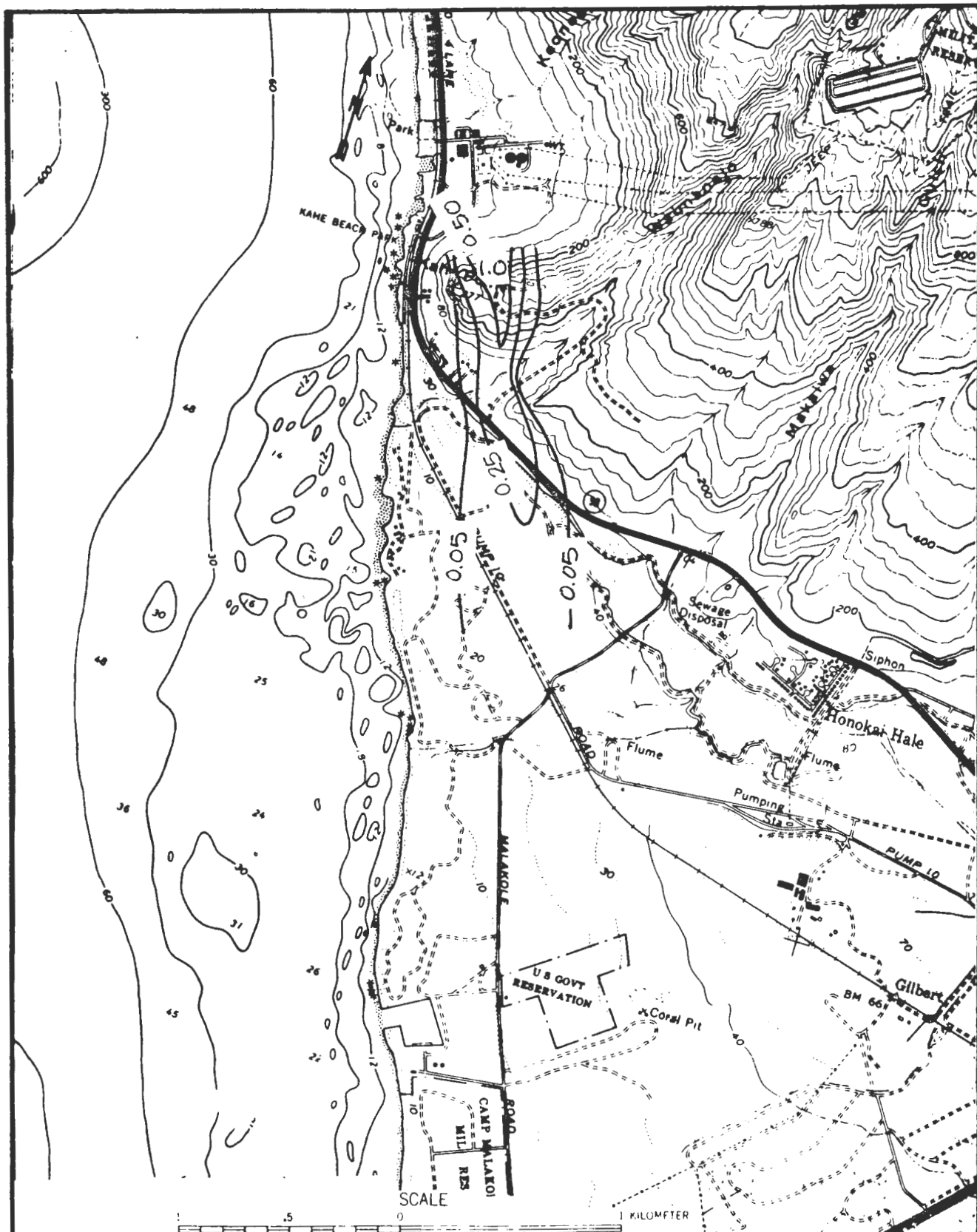


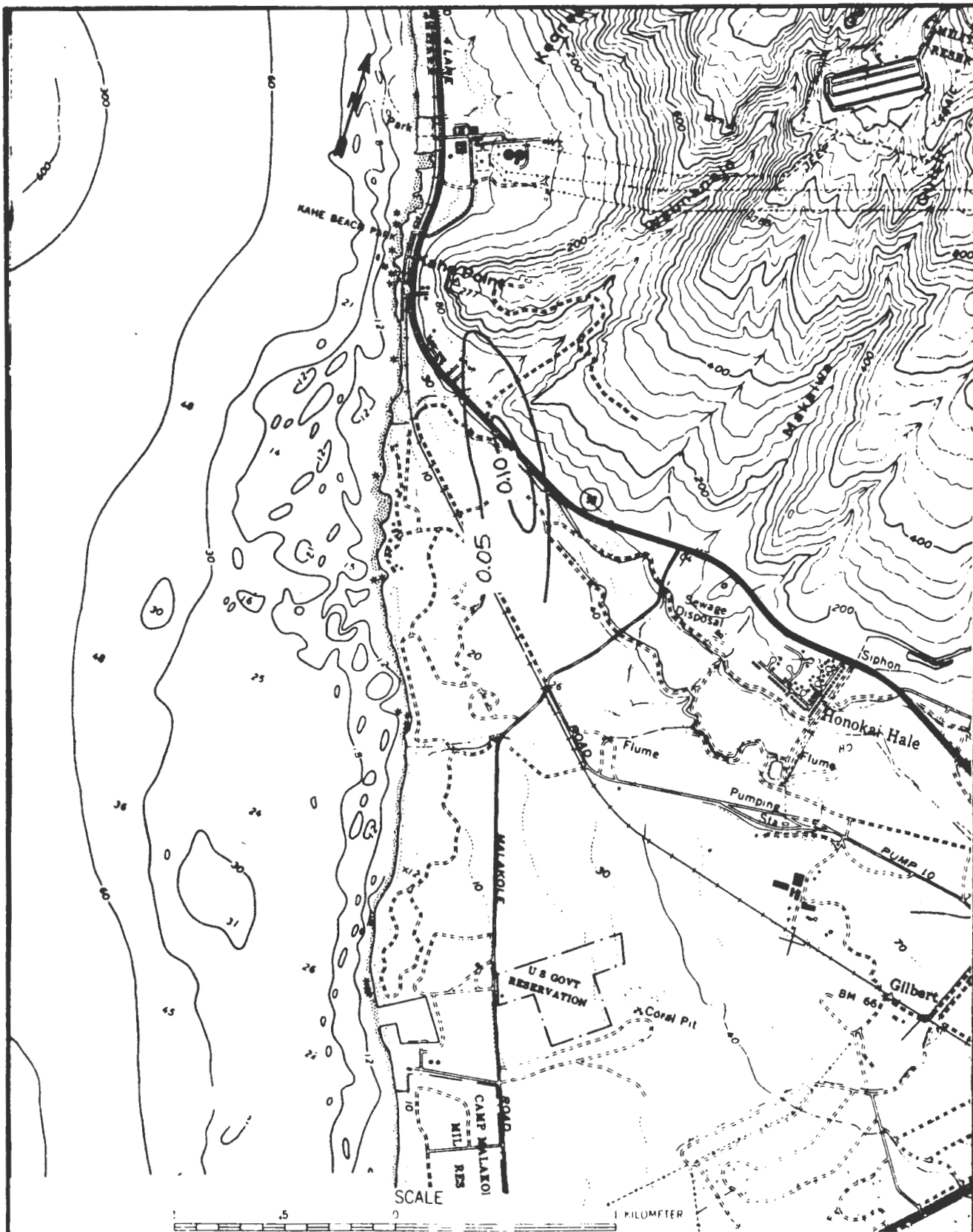
Figure B167
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
Run 50



OPERATING CONDITIONS
 STACKS: Present 1-5
 Active 1-4
 WIND: Direction 333°
 Velocity 6.9 m/s

KAHE POWER PLANT Model Study

Figure B169
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 51

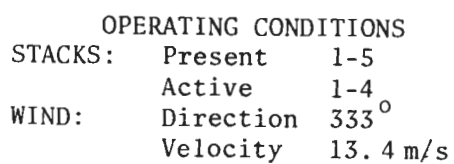


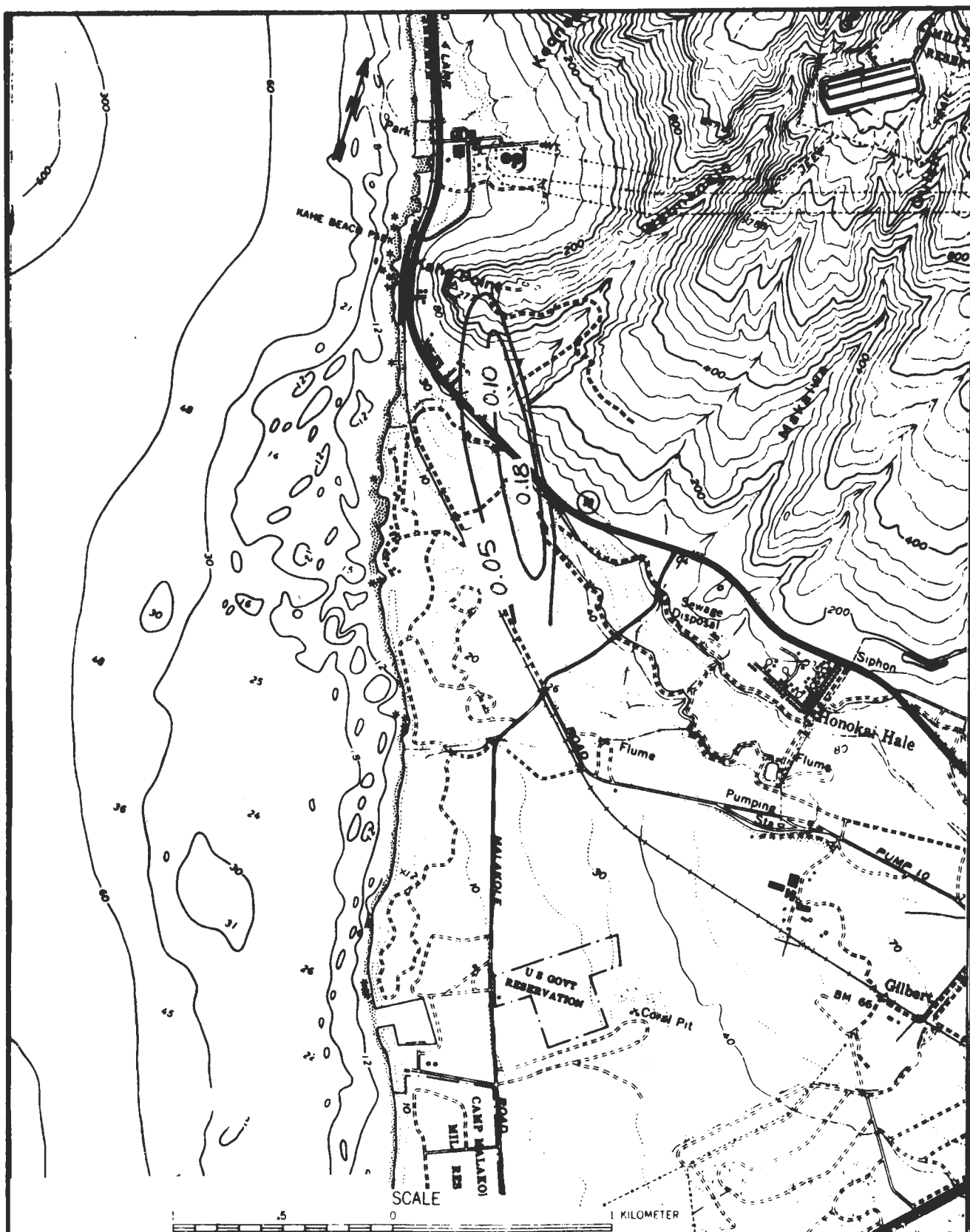
OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B170
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 51



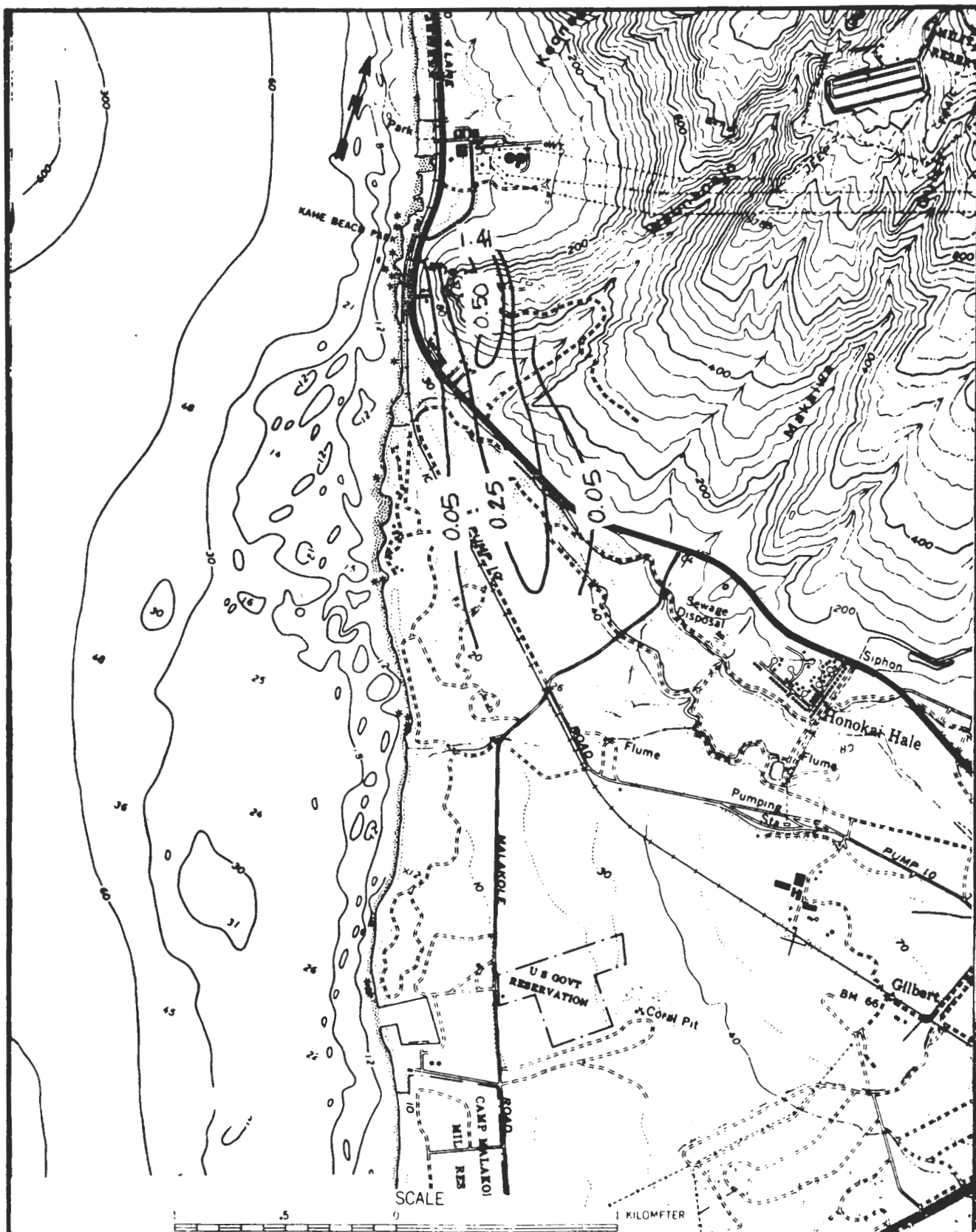


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B172
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 52

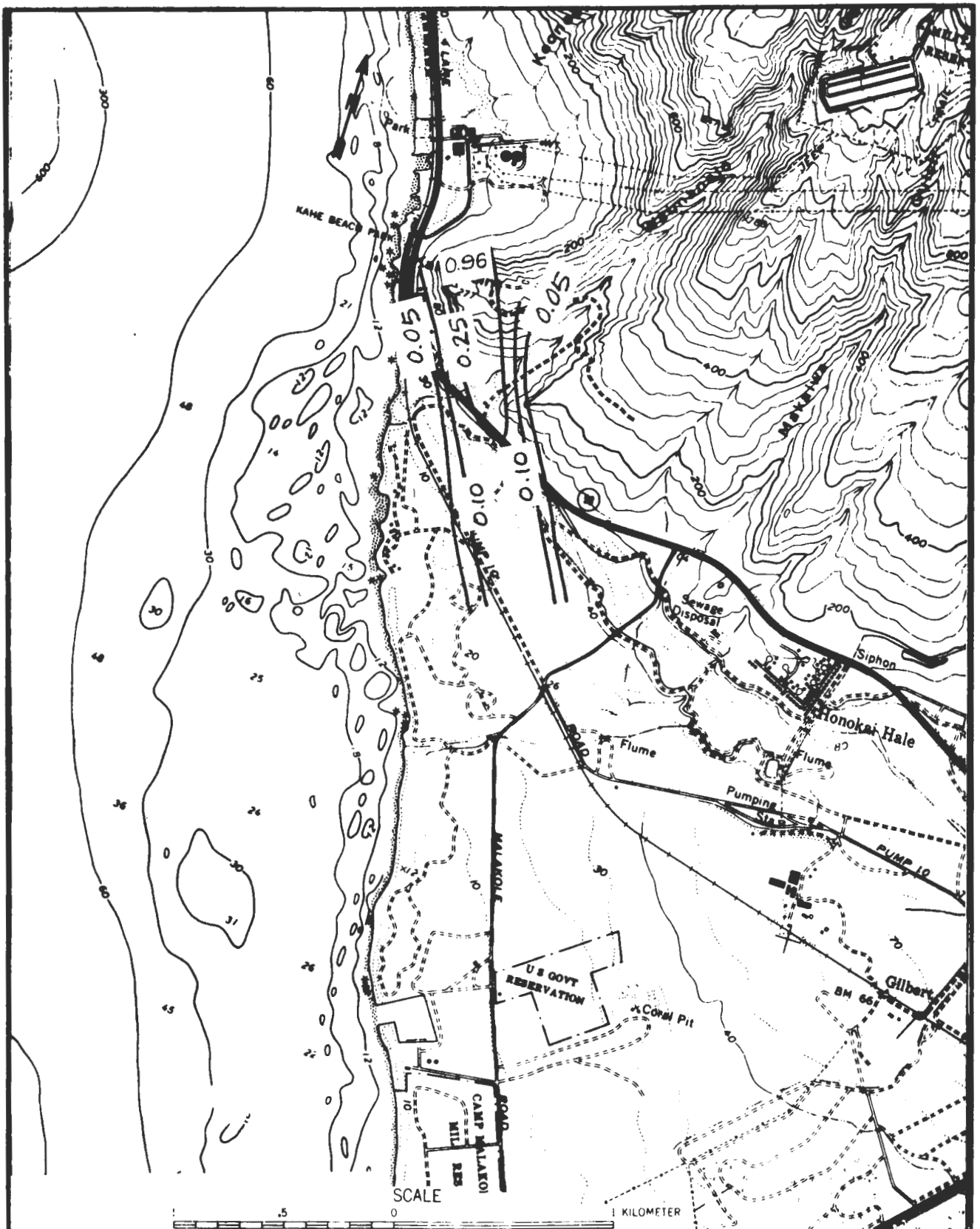


OPERATING CONDITIONS

STACKS:	Present	1-5
	Active	1-4
WIND:	Direction	333°
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

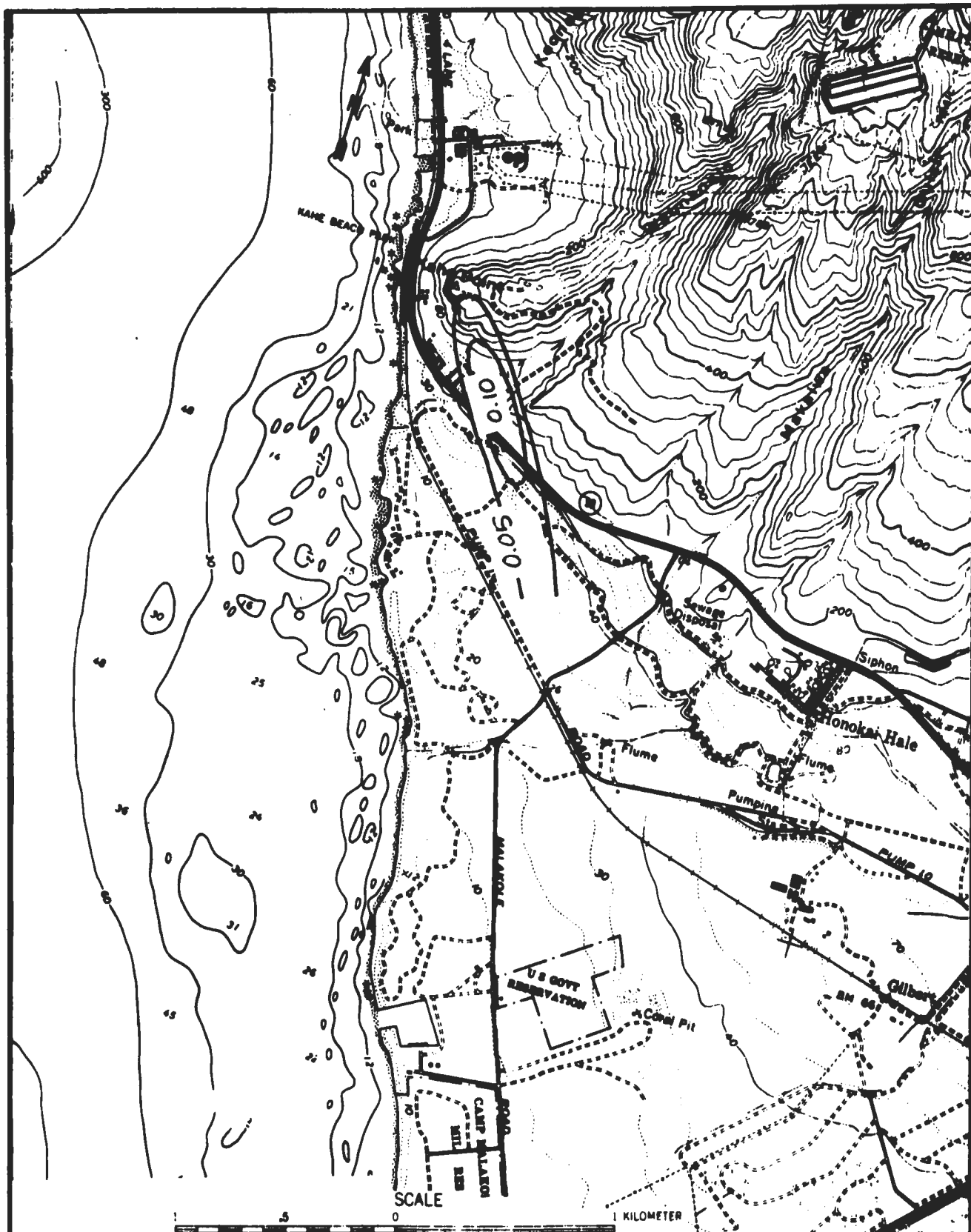
Figure B173
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 53



OPERATING CONDITIONS
 STACKS: Present 1-5
 Active 1-4
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B175
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 54



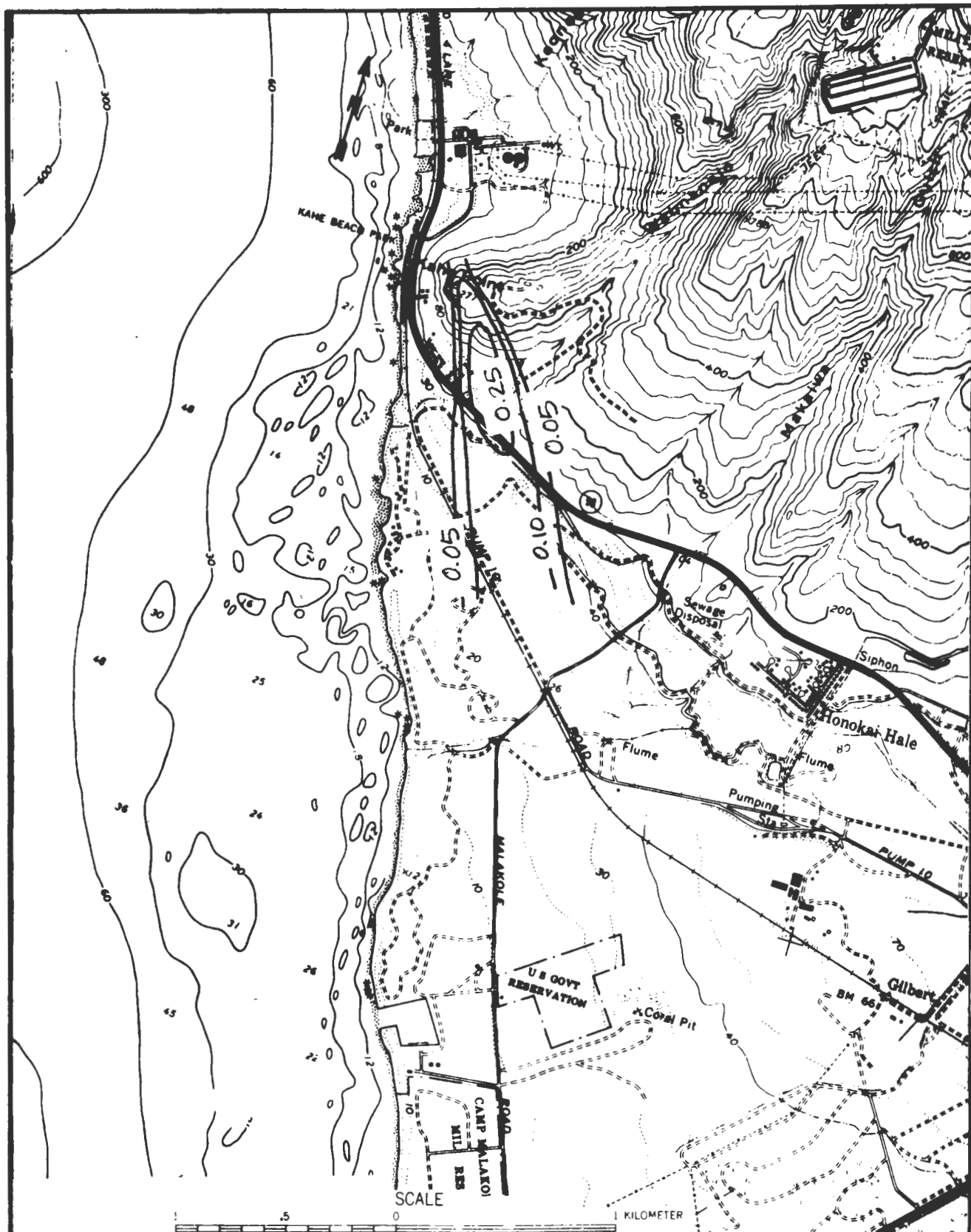
OPERATING CONDITIONS

STACKS: Present 1-5
Active 5

WIND: Direction 333°
Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B176
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 54



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B177
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 55

Figure B178
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 55

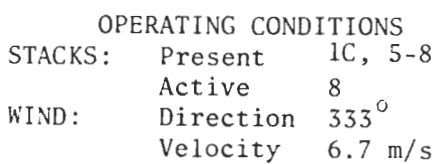
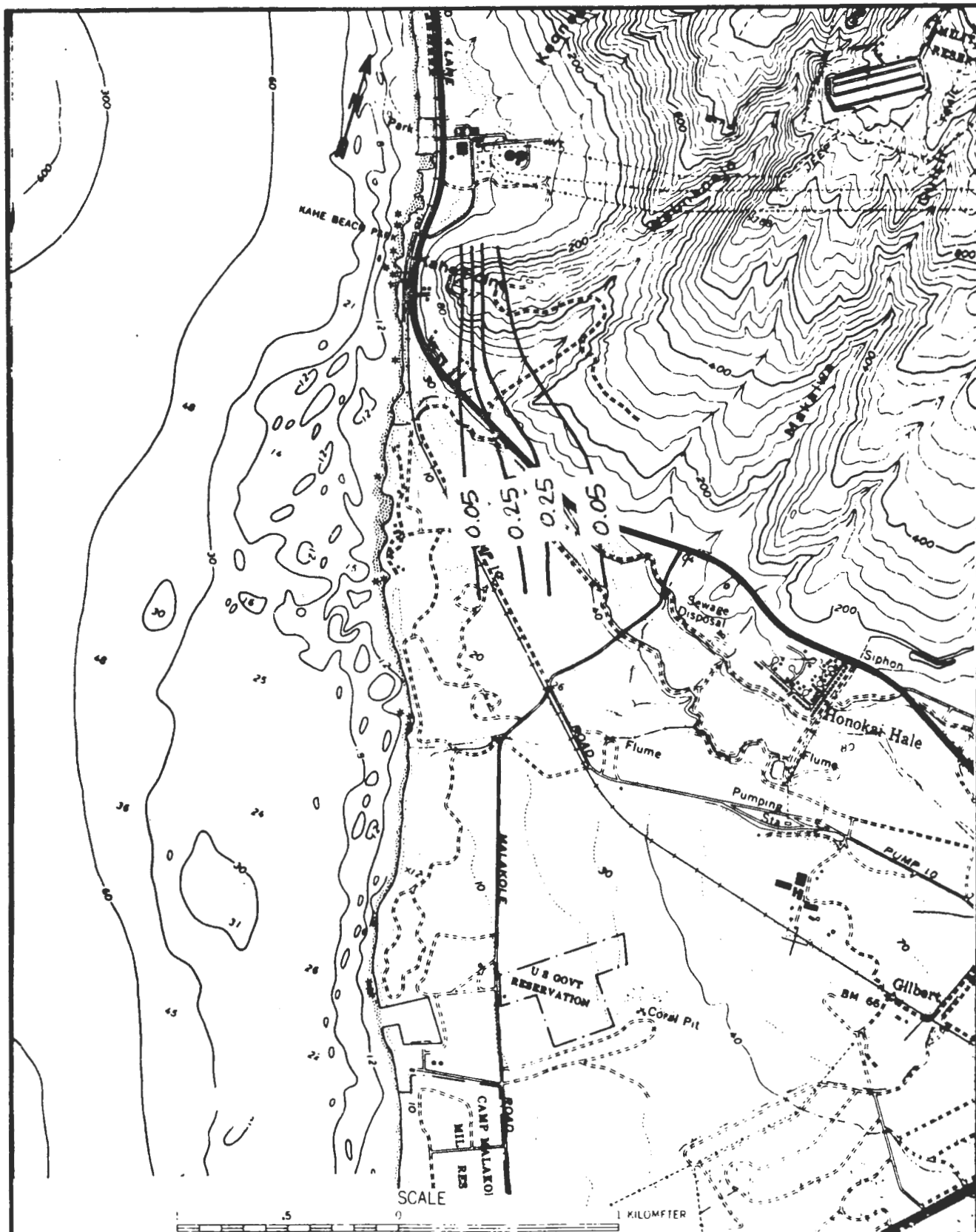


Figure B179
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 55

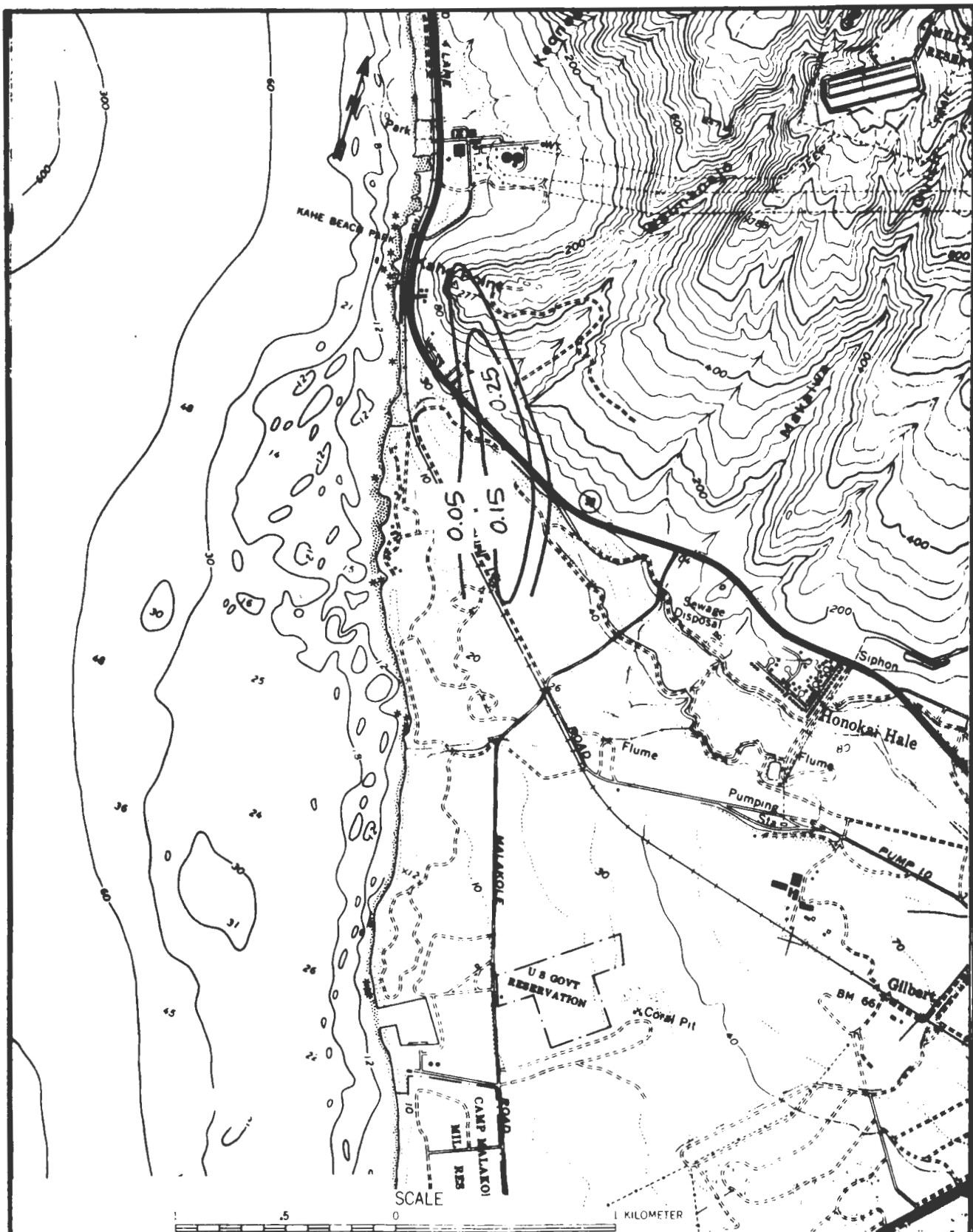


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B180
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 55

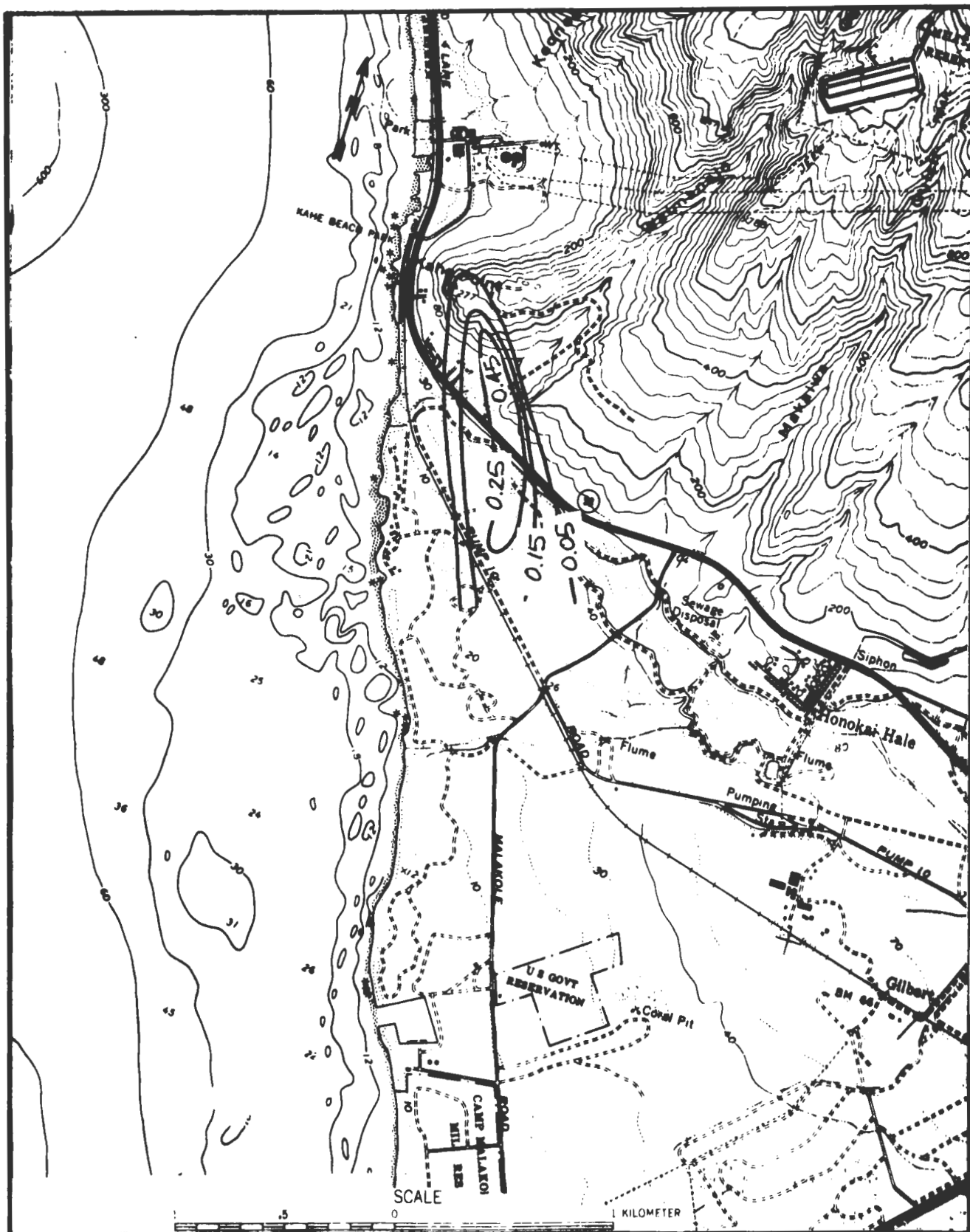


OPERATING CONDITIONS:

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B181
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 56

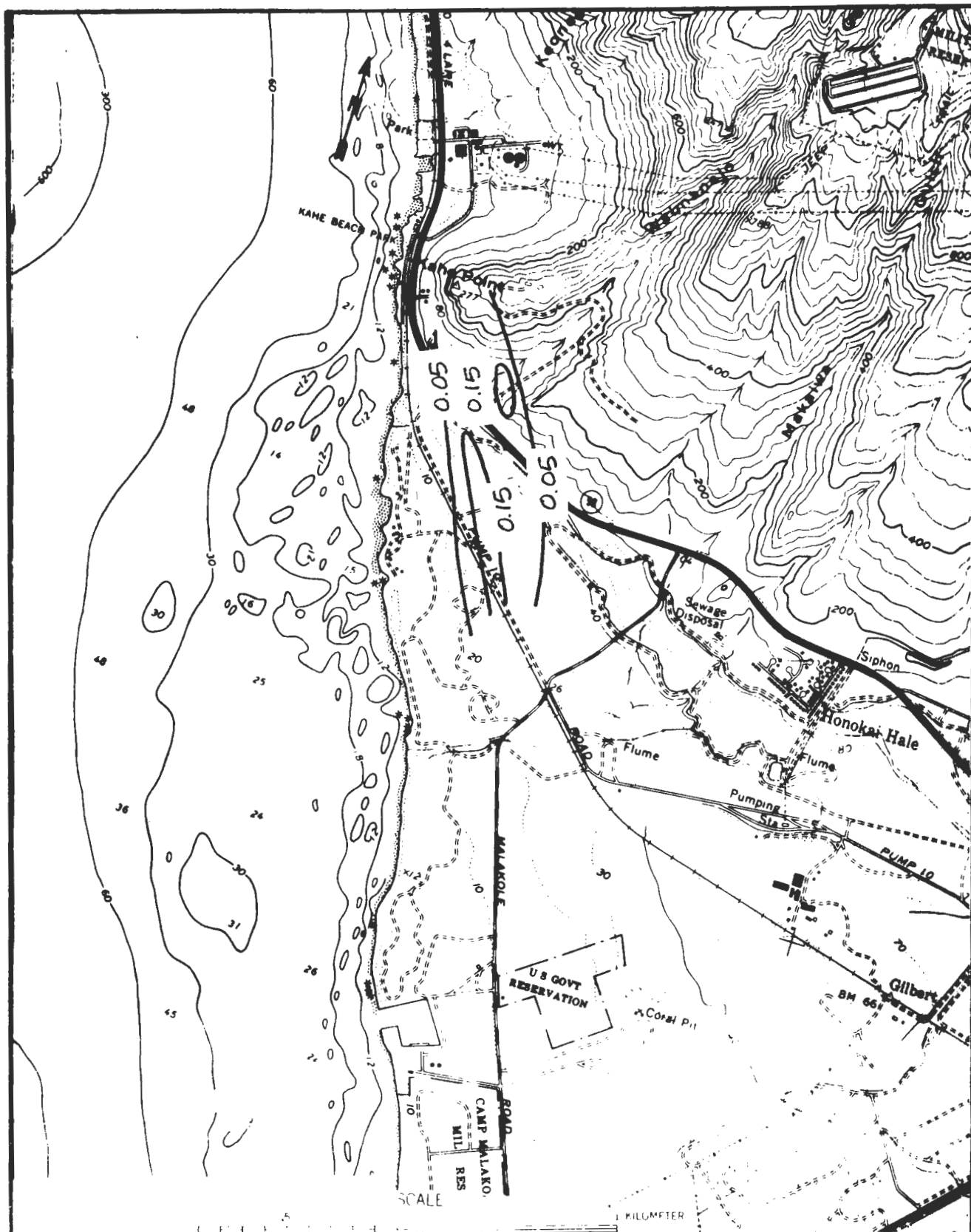


OPERATING CONDITIONS:

STACKS: Present 1C, 5-8
Active 7
WIND: Direction 333°
Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B182
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 56

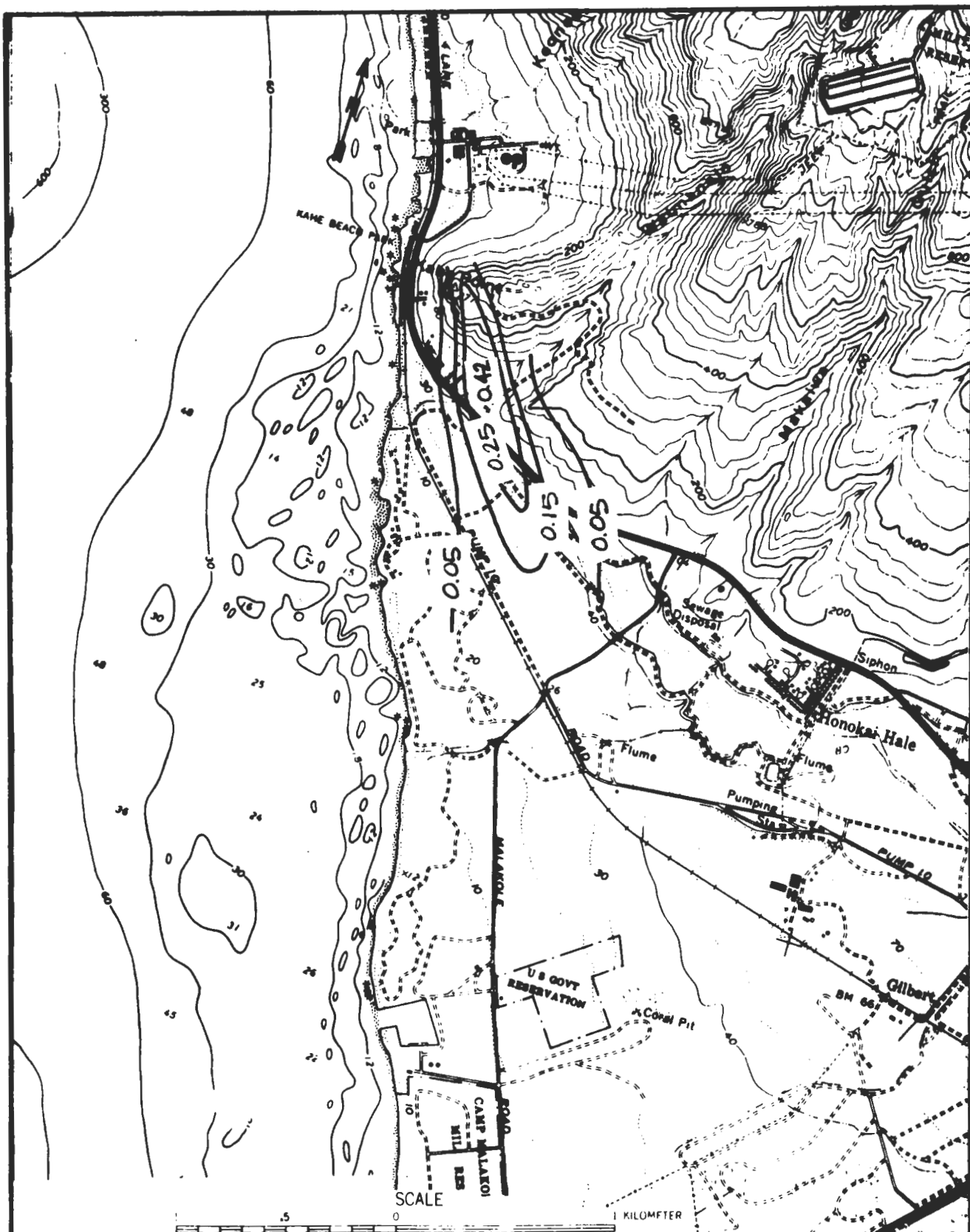


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

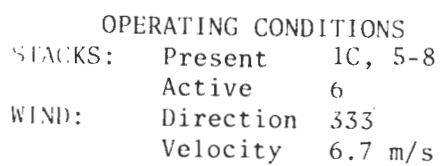
Figure B185
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 56

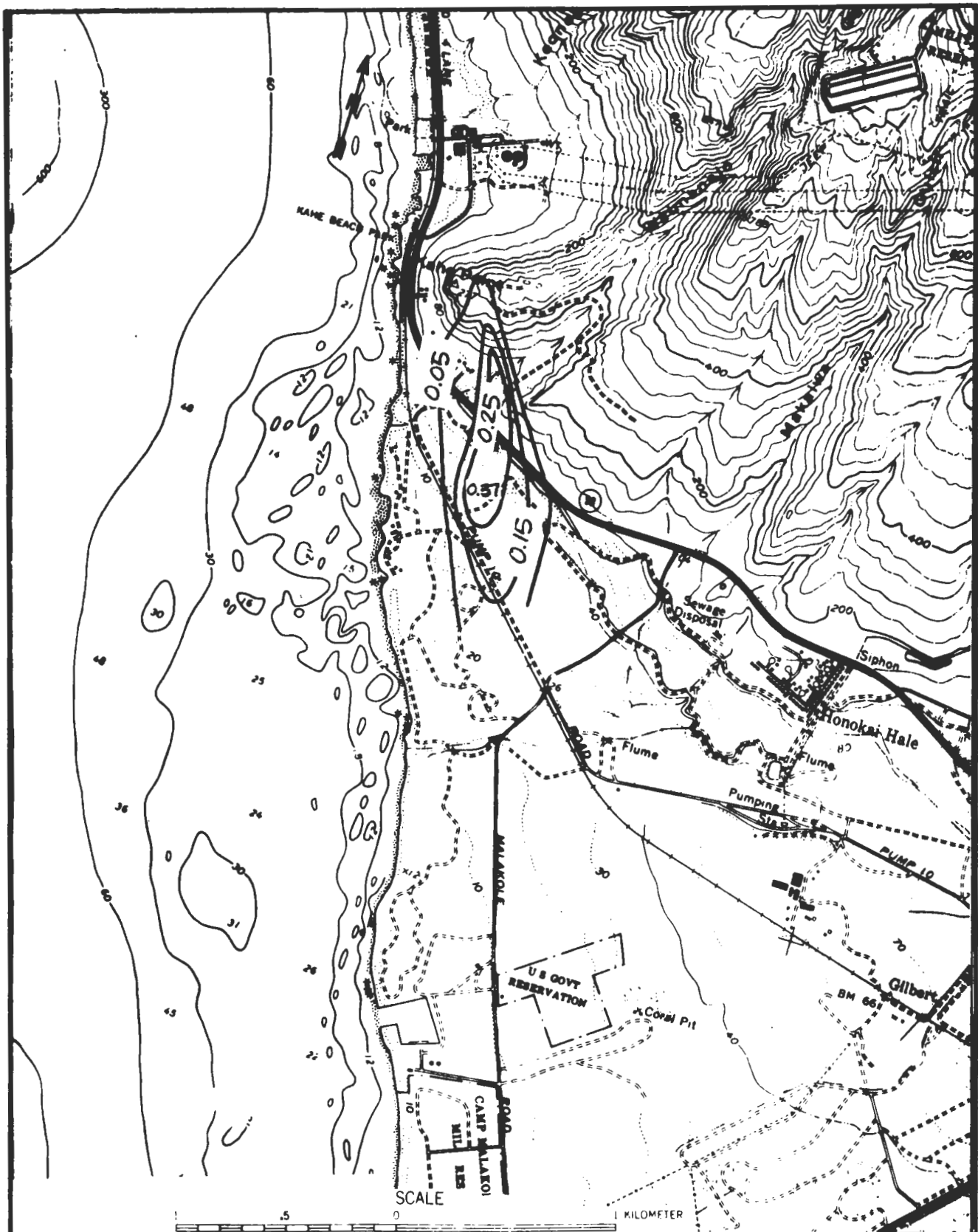


OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B184
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 56



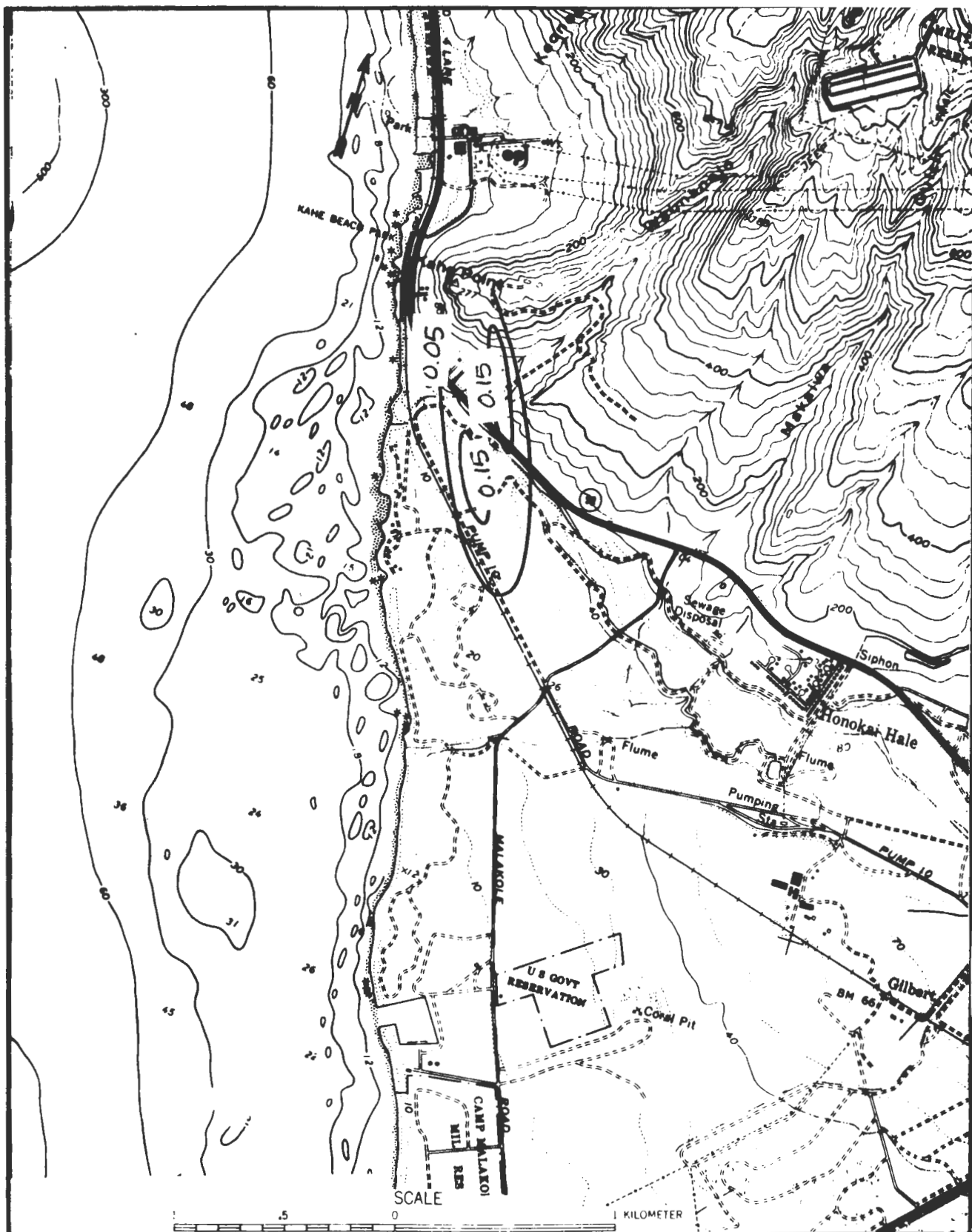


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B186
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 57

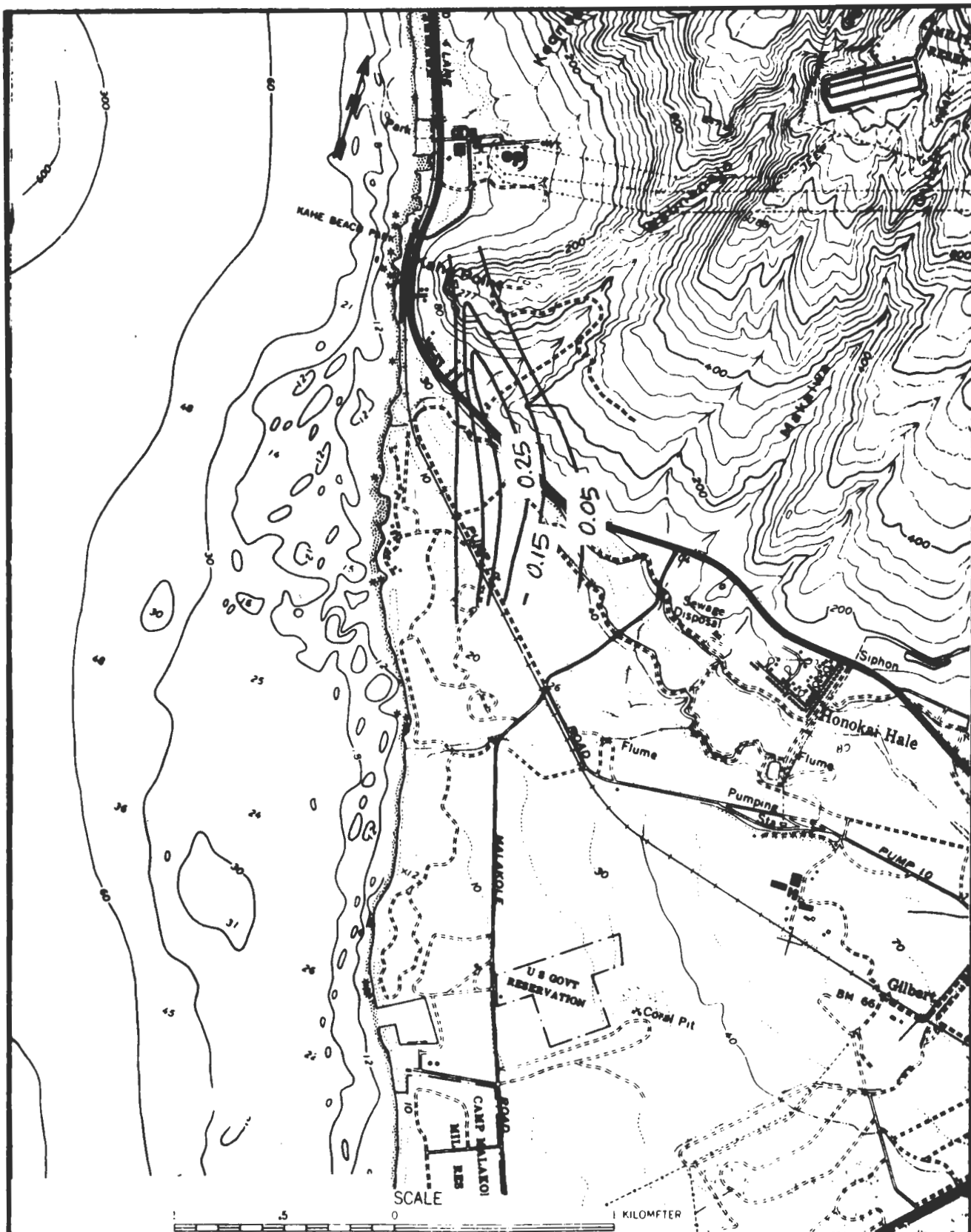


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B187
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 57

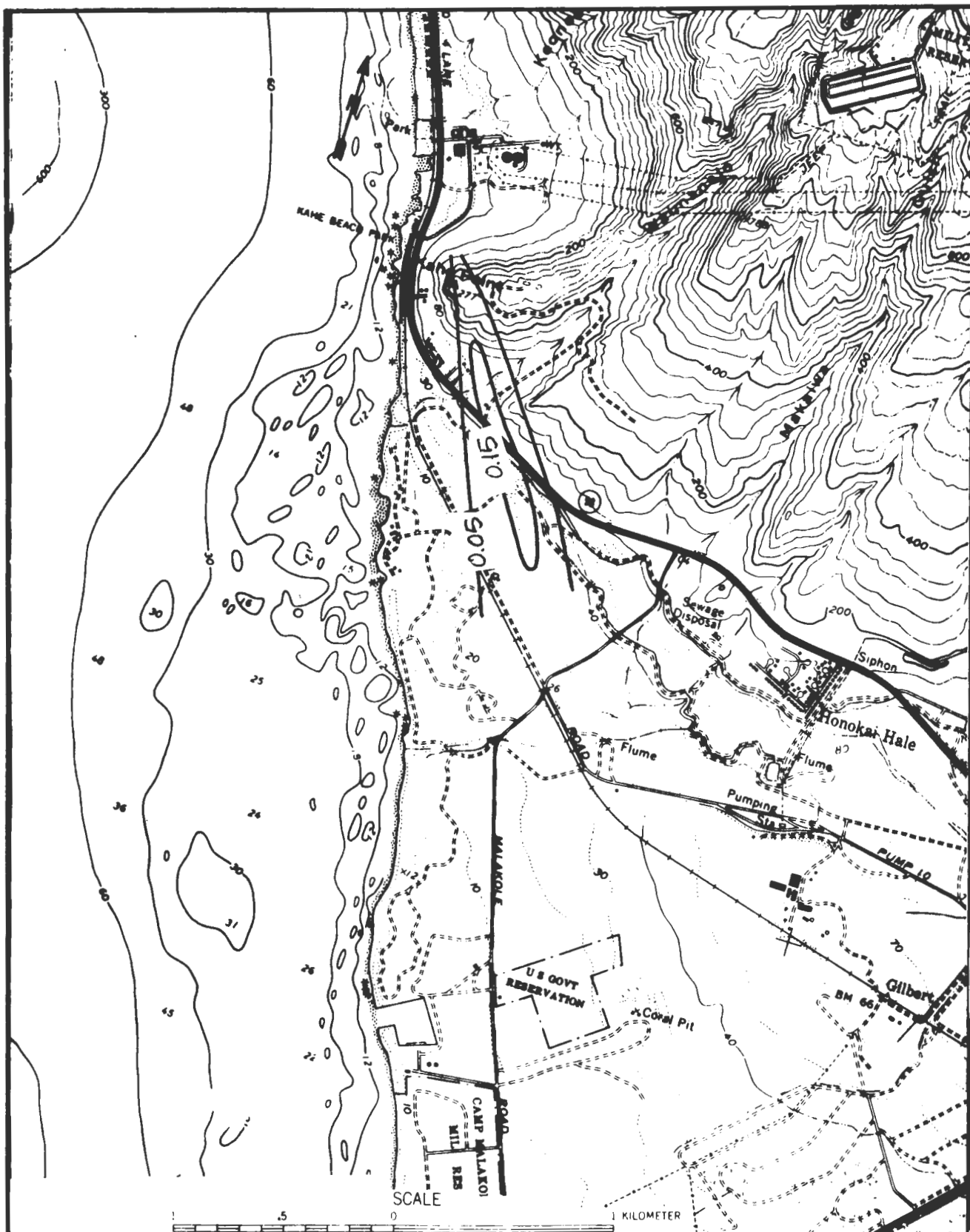


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B188
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 57

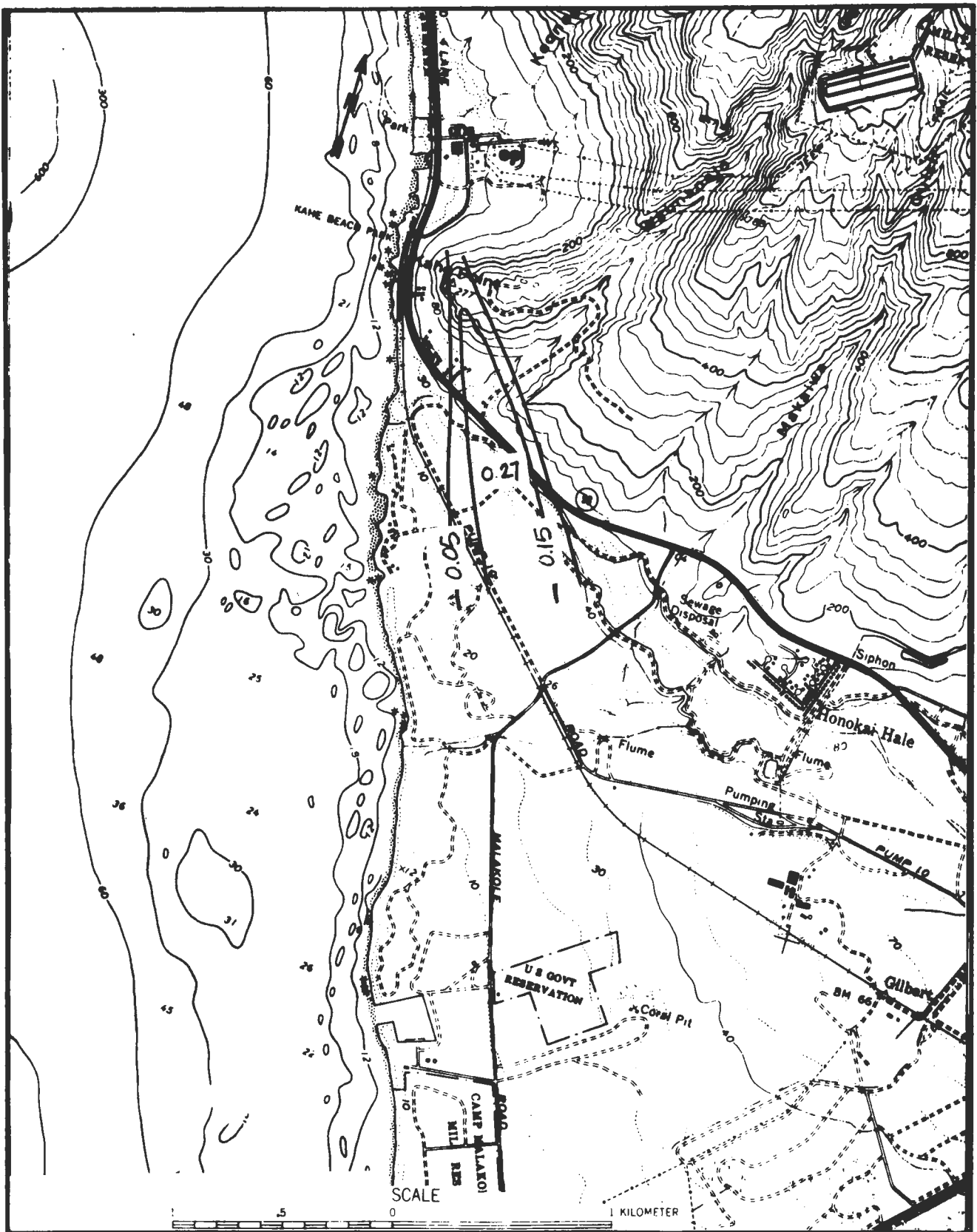


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B189
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 58

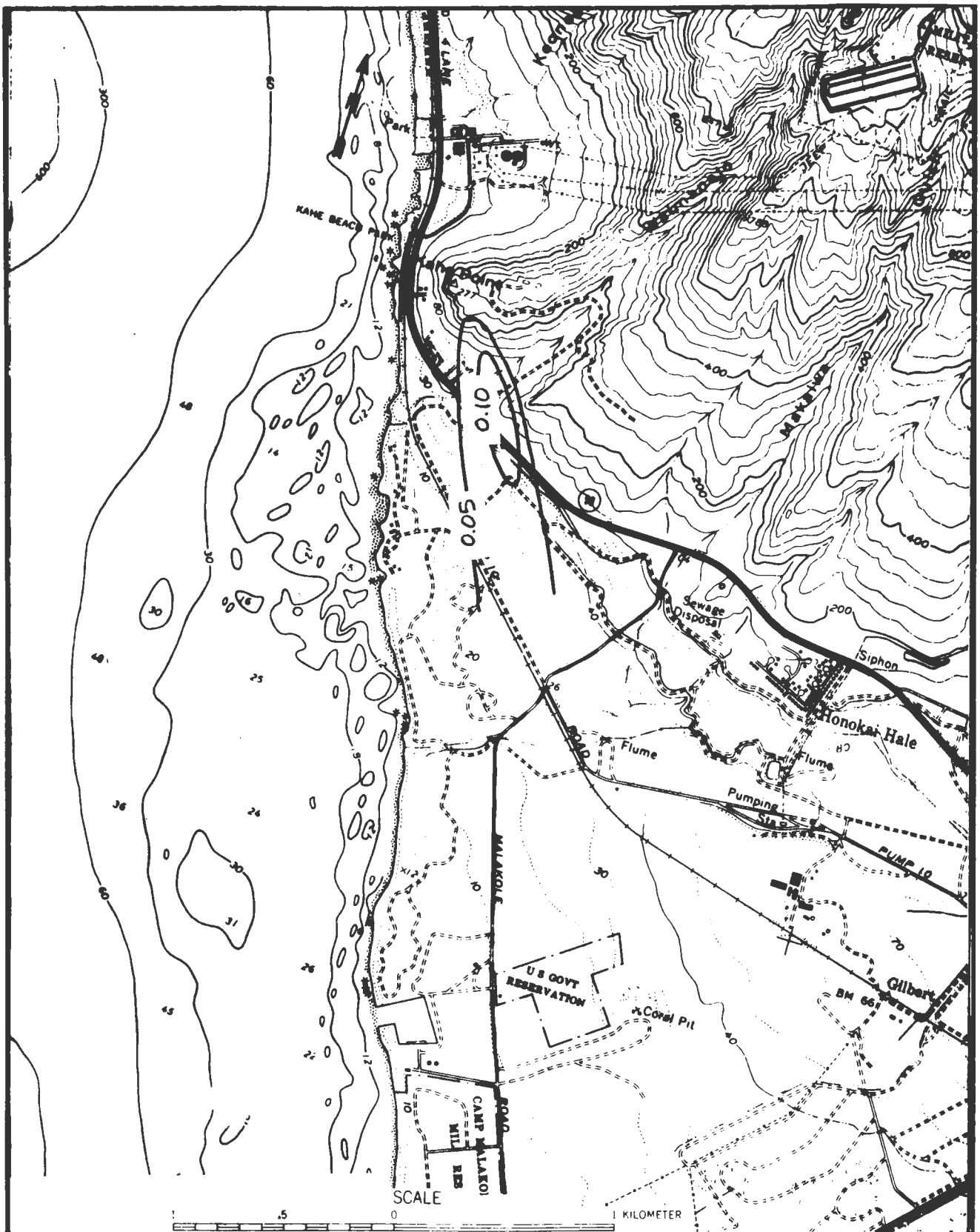


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B190
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 58



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B191
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 58

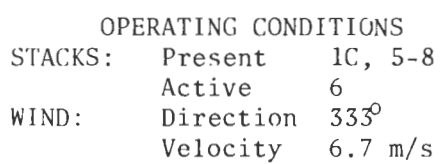
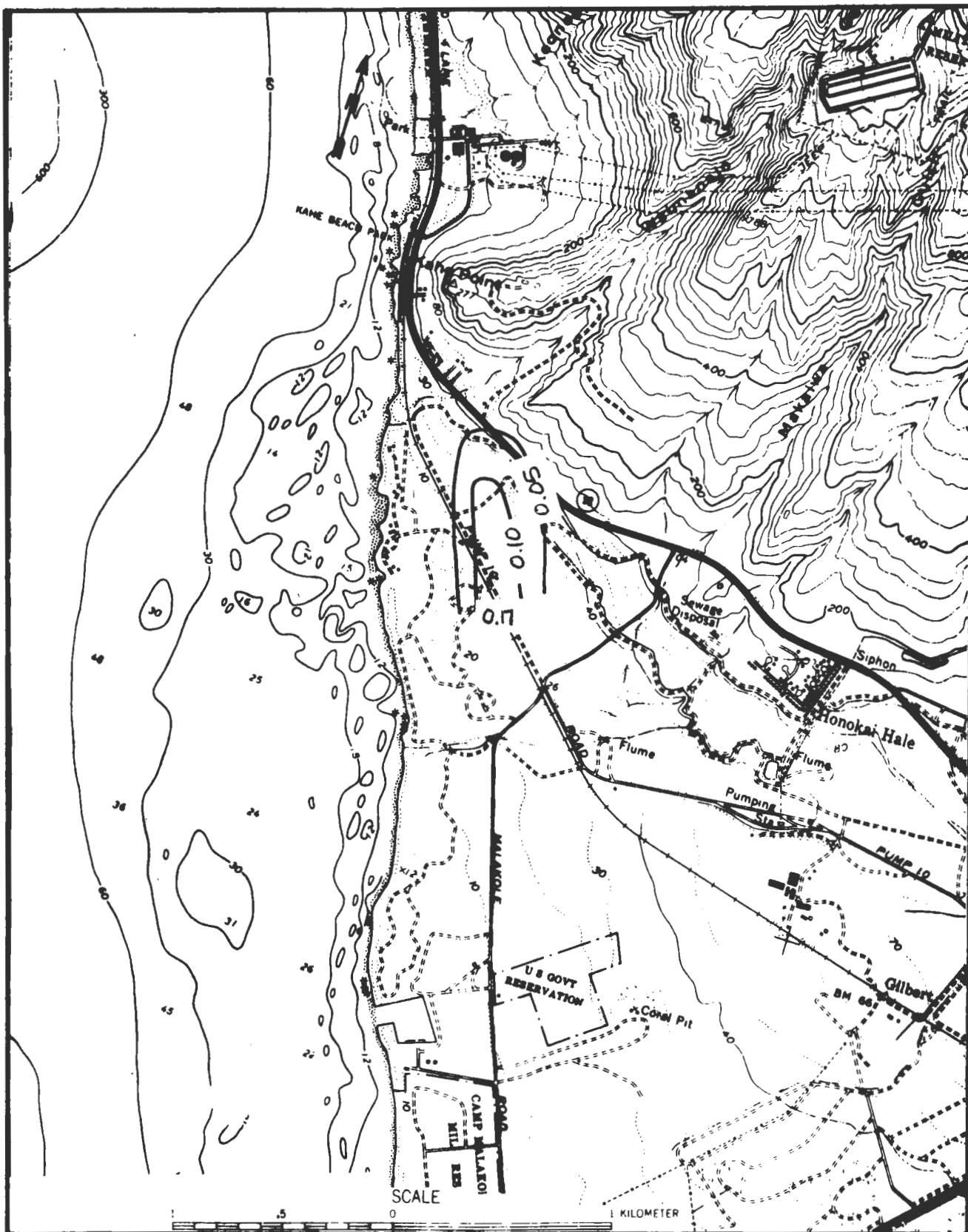


Figure B193
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 59

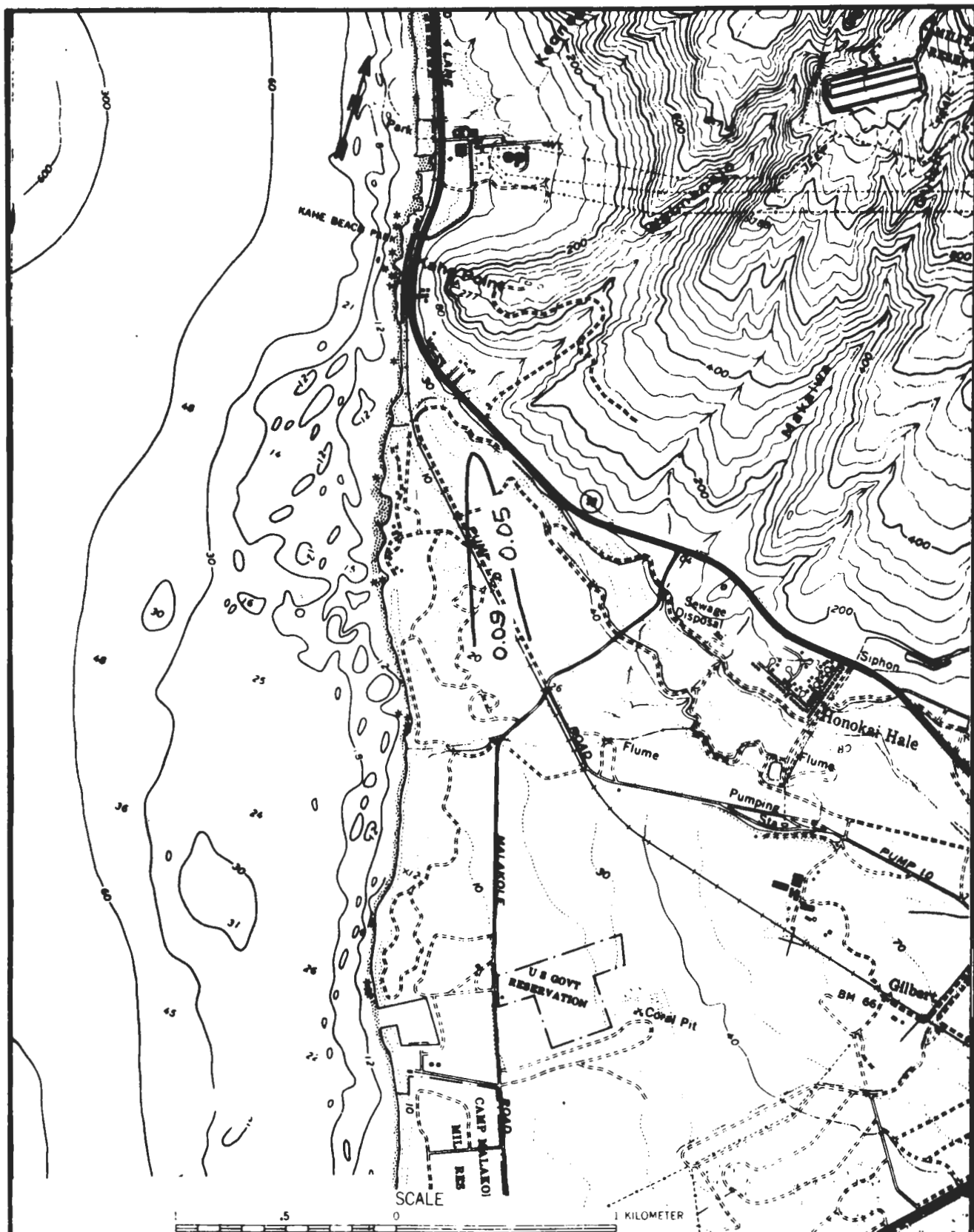


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B194
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 59

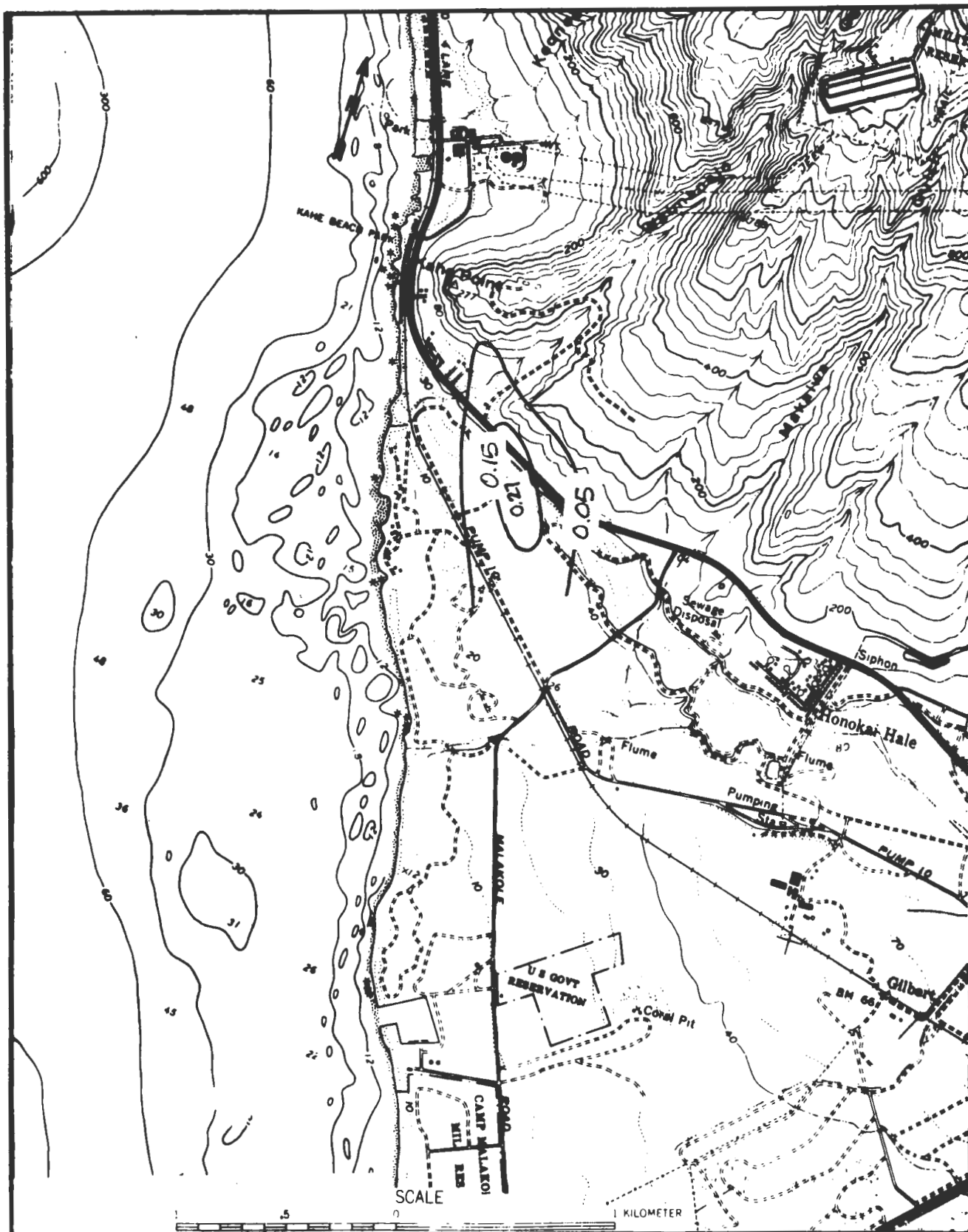


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B195
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 59

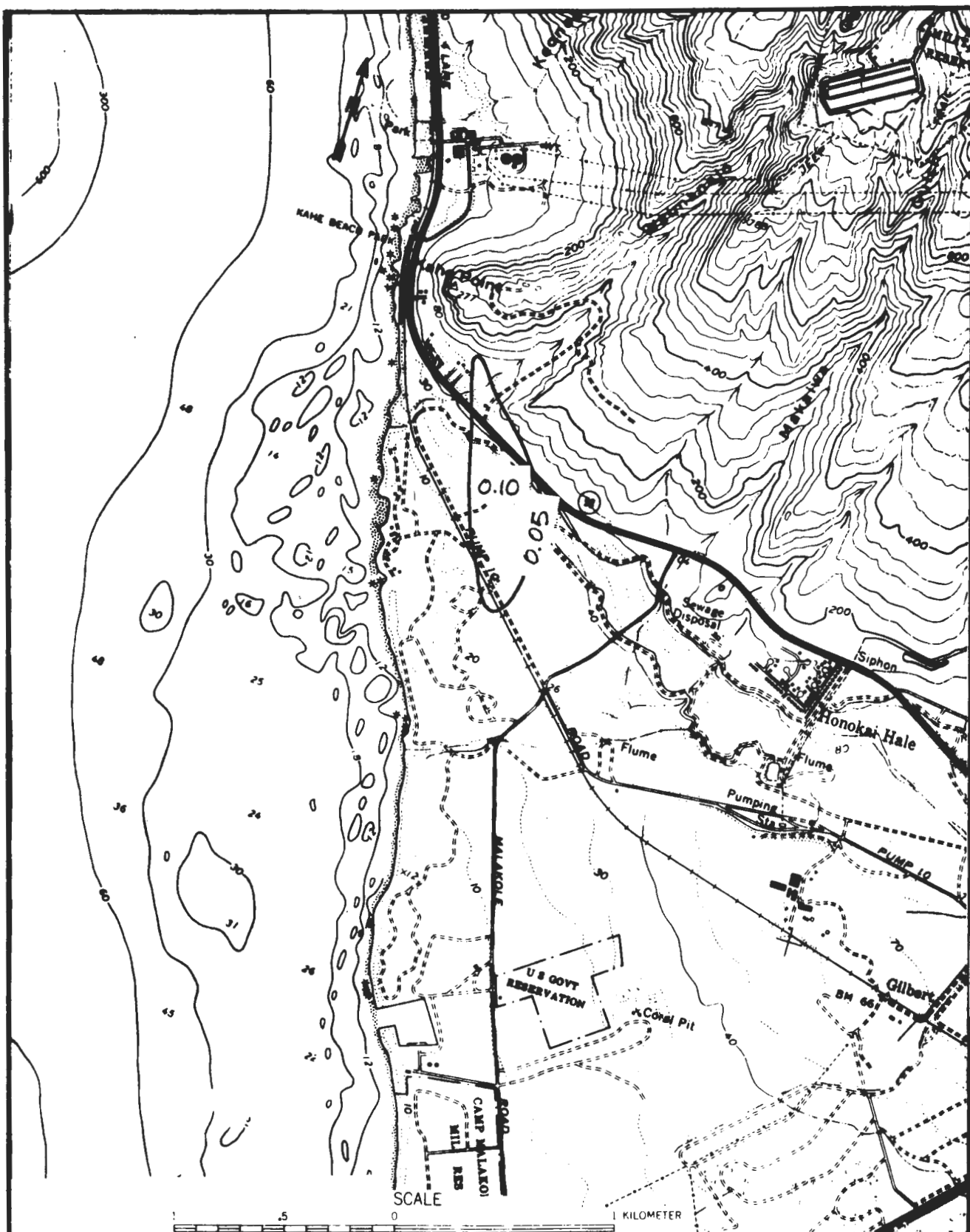


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B196
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 59

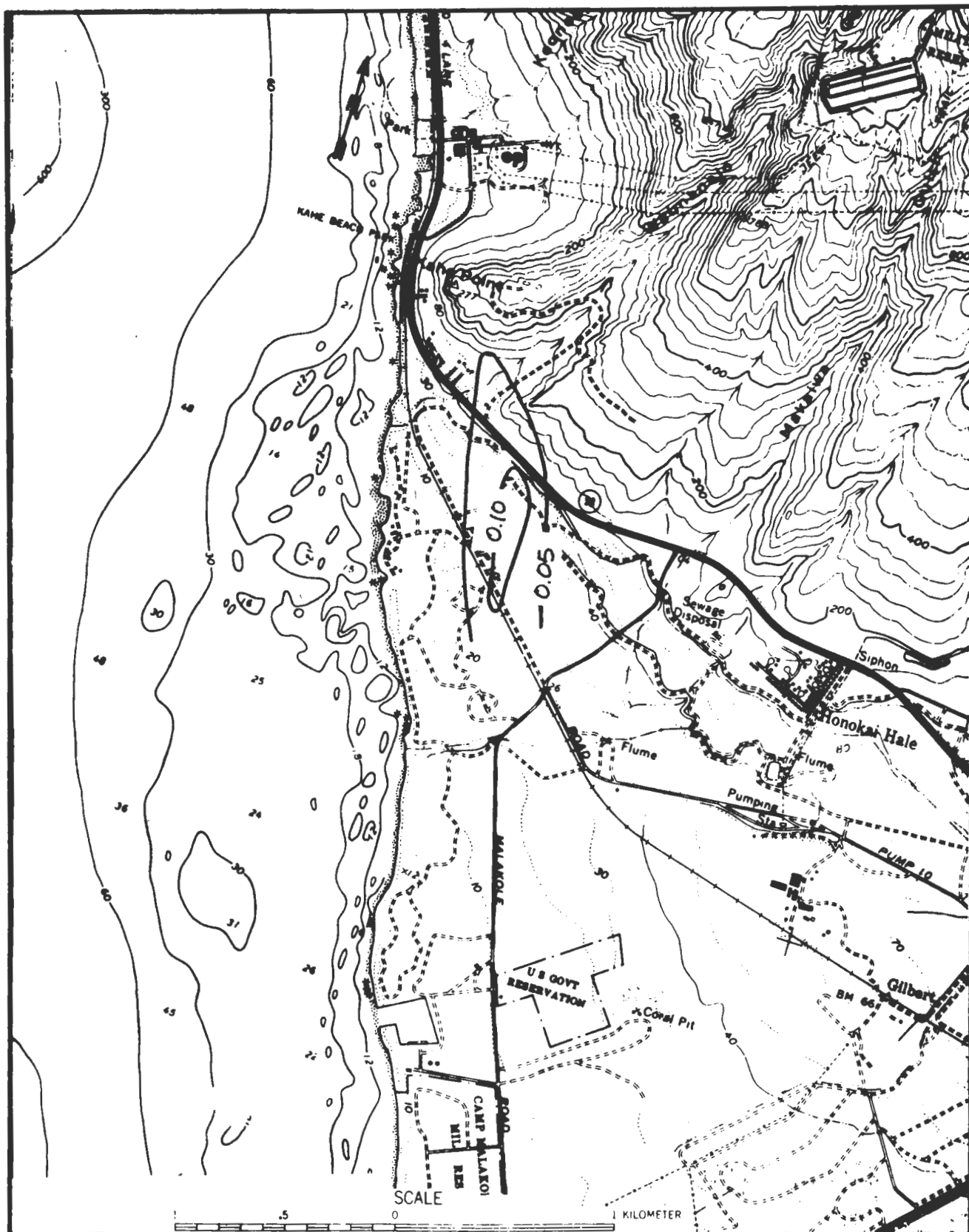


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B197
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 60

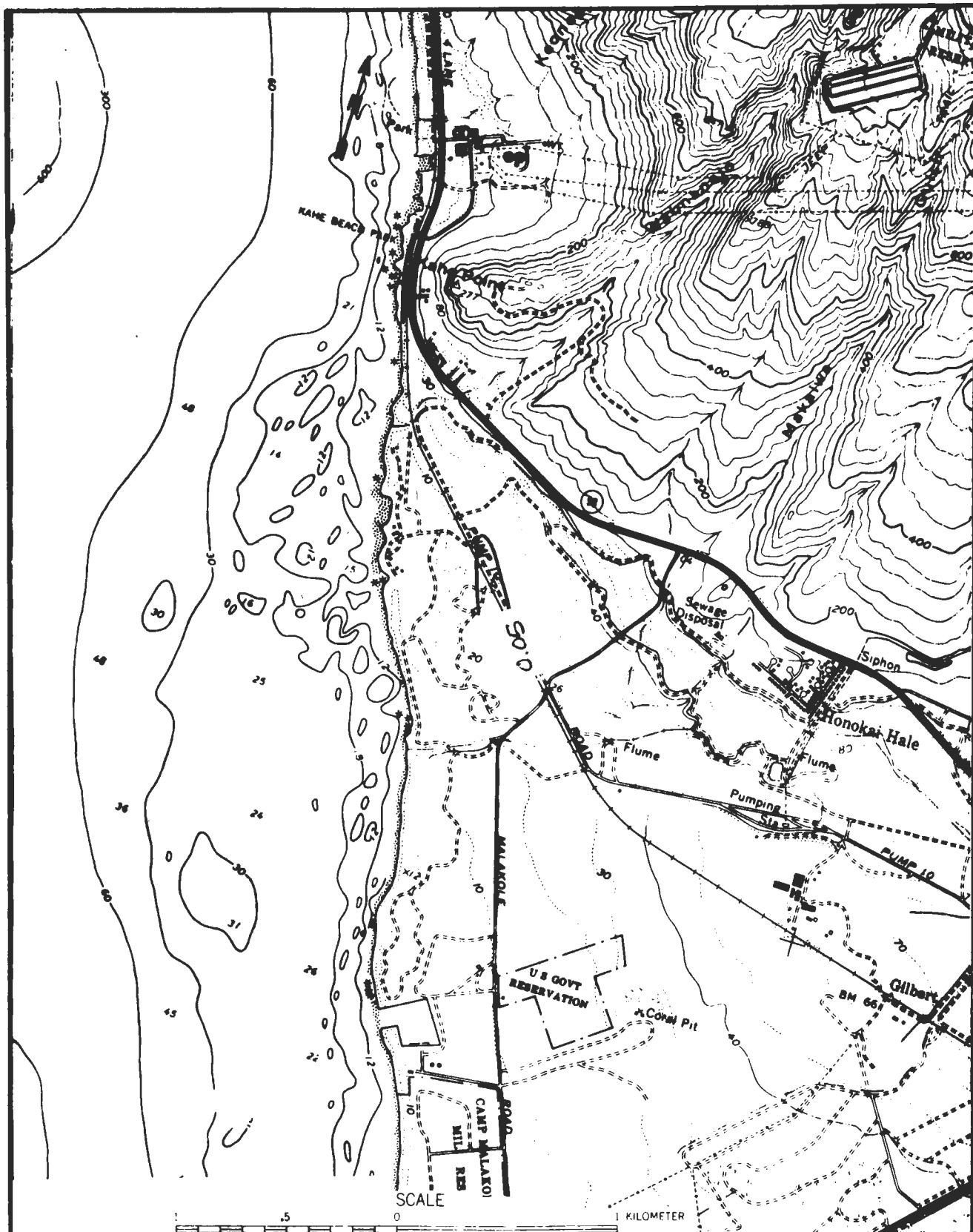


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

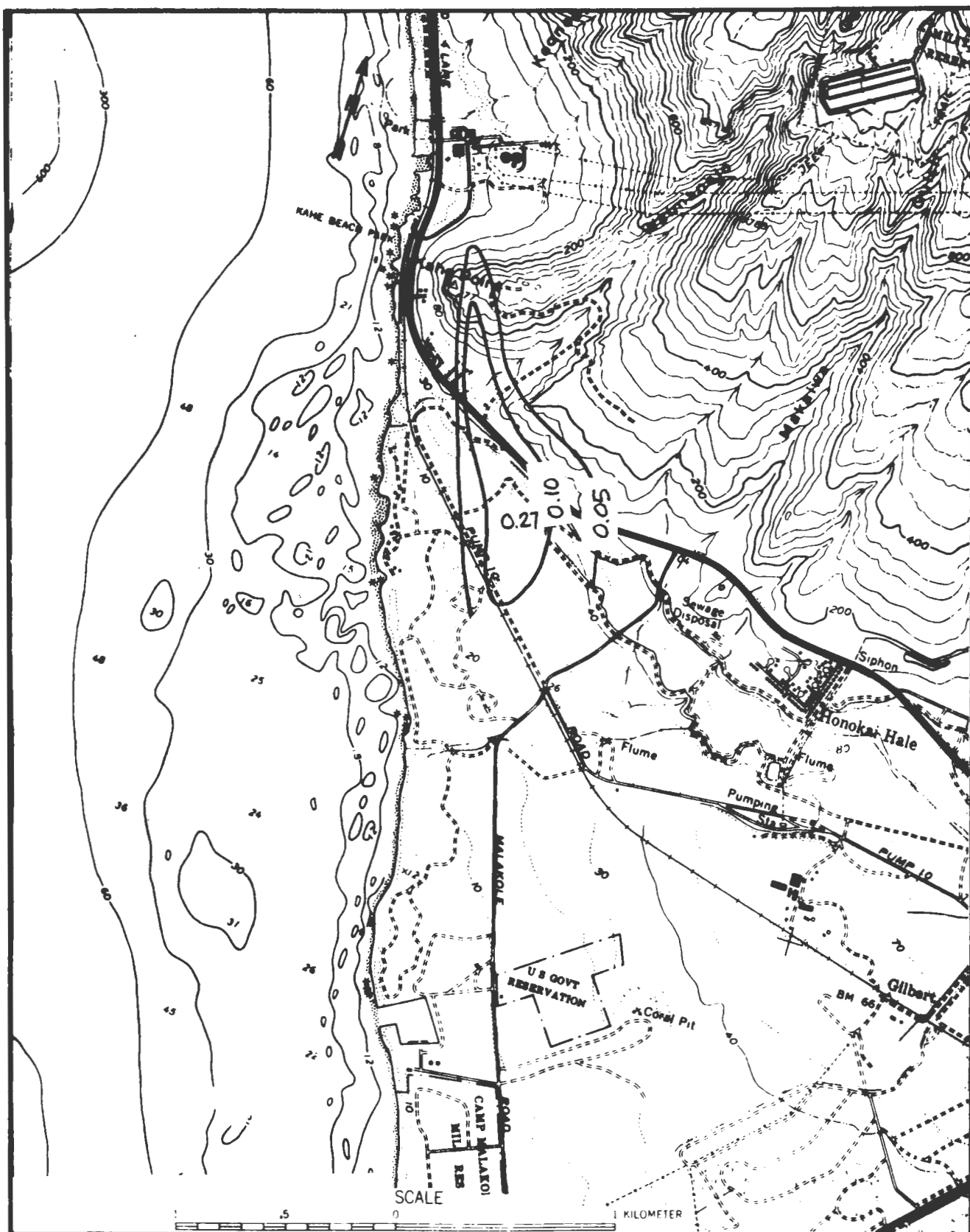
Figure B198
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 60



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B199
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 60

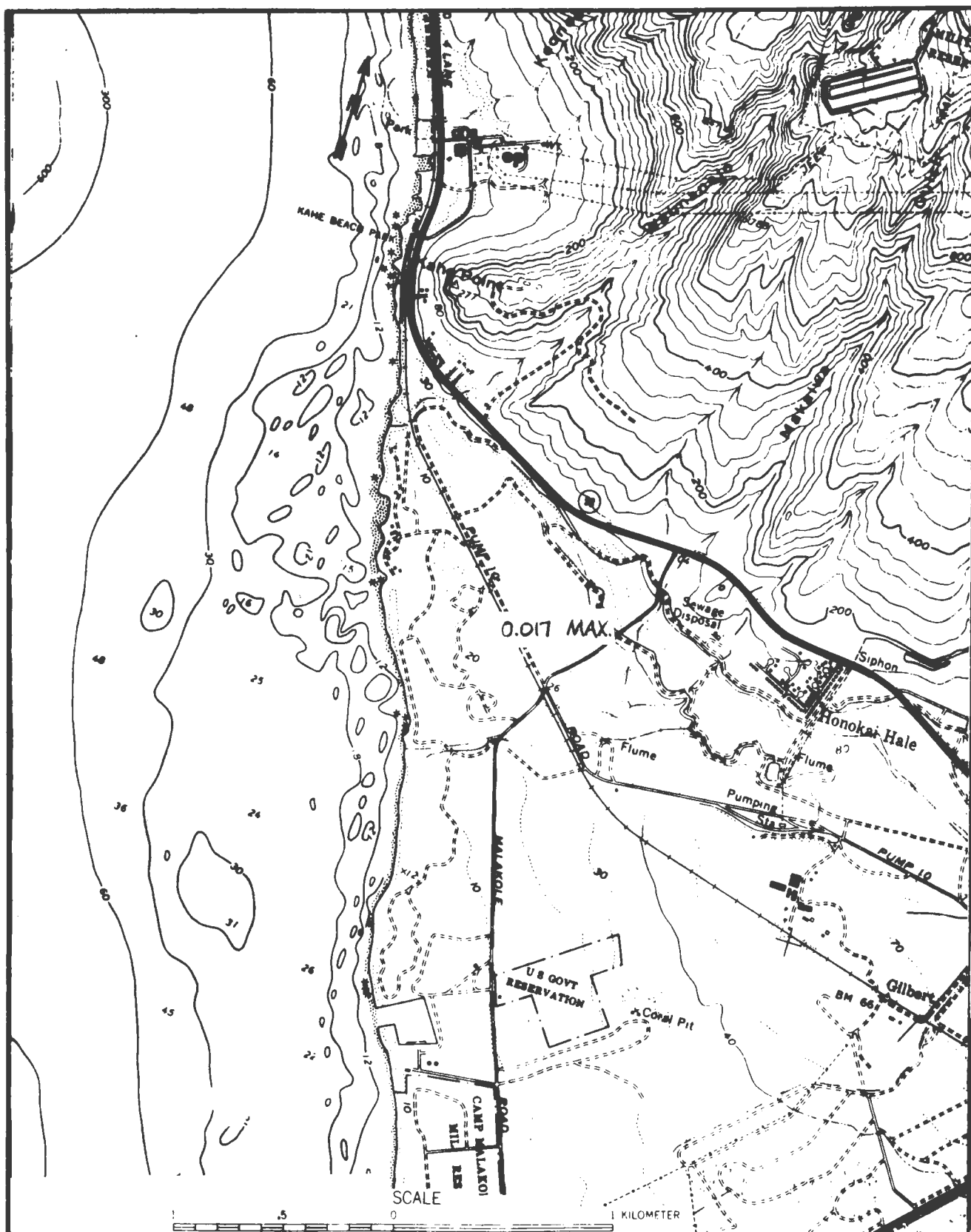


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B200
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 60

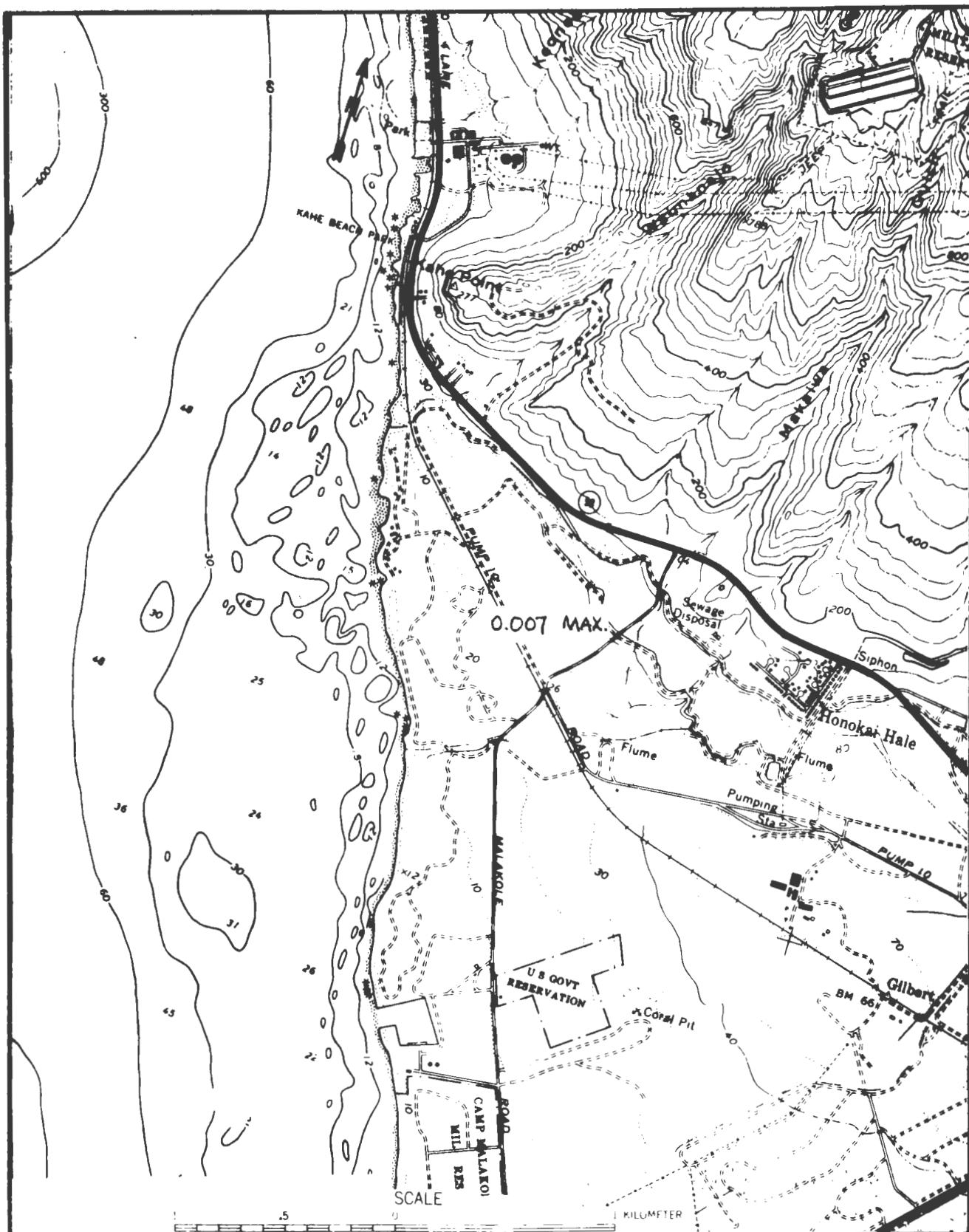


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B202
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 61

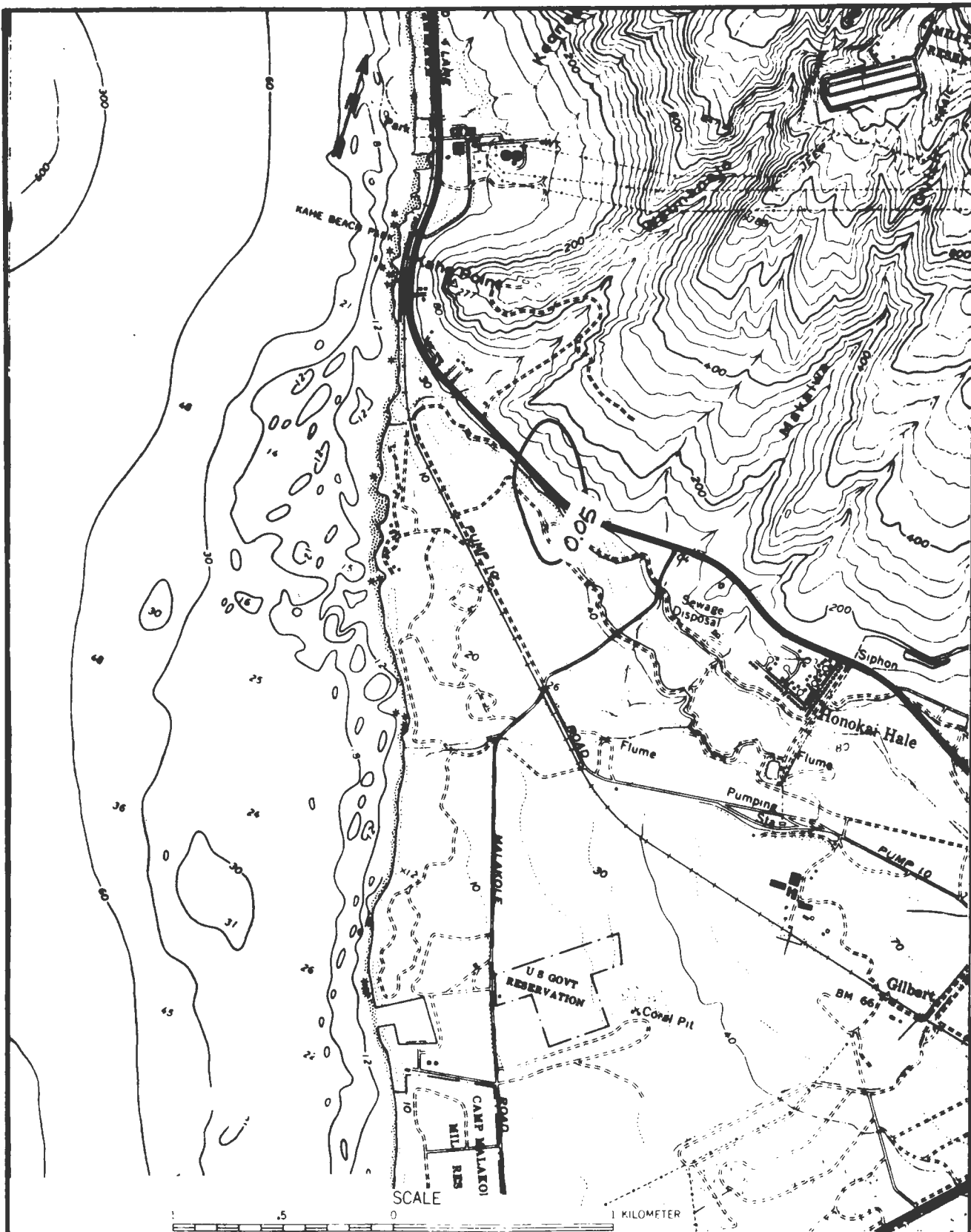


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 333°
 Velocity 6.7 m/s

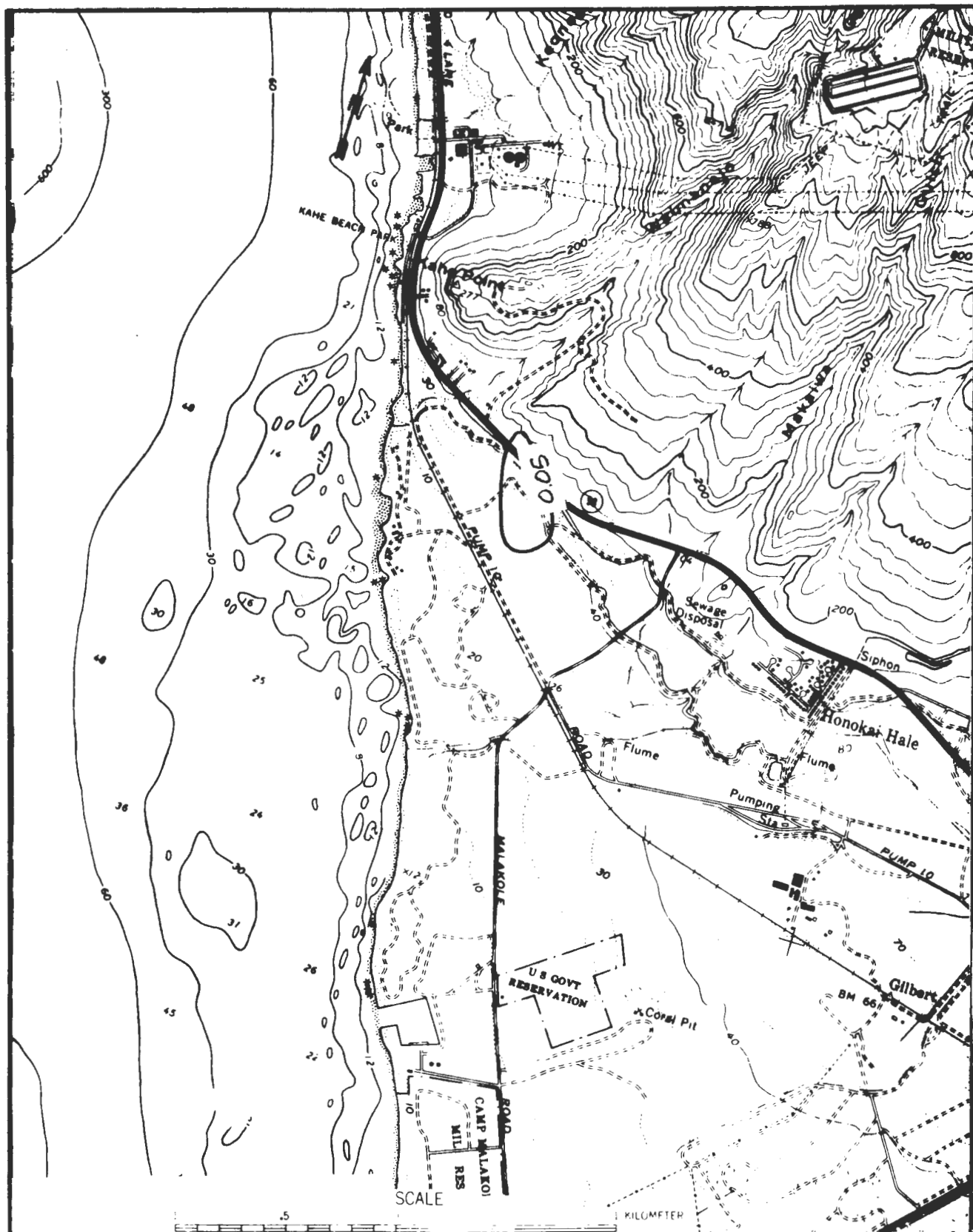
KAHE POWER PLANT Model Study

Figure B203
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 61



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 333°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study
 Figure B204
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 61

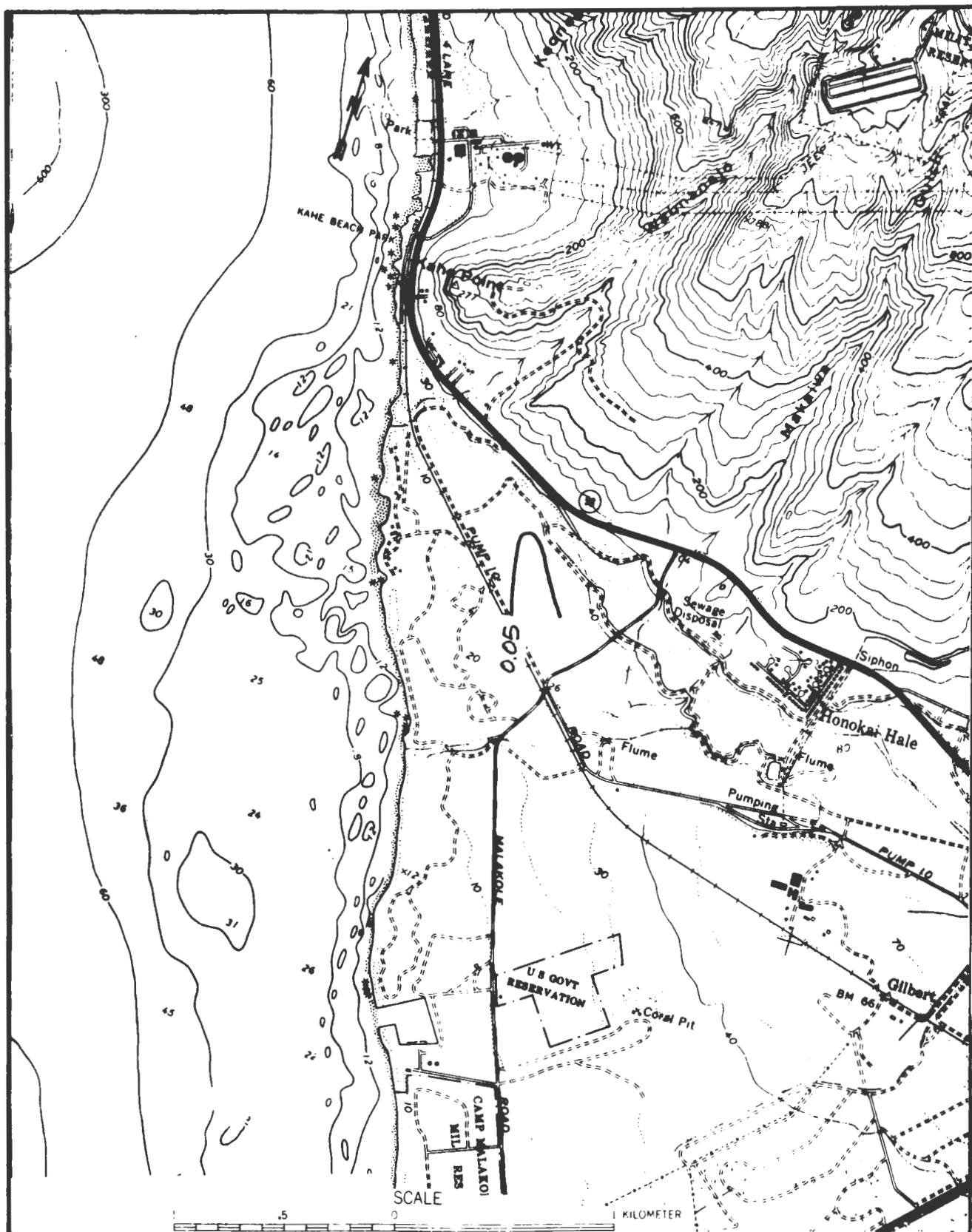


OPERATING CONDITIONS

STACKS:	Present	1C, 5-8
	Active	6
WIND:	Direction	333°
	Velocity	13.4 m/s

KAHE POWER PLANT Model Study

Figure B205
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 62



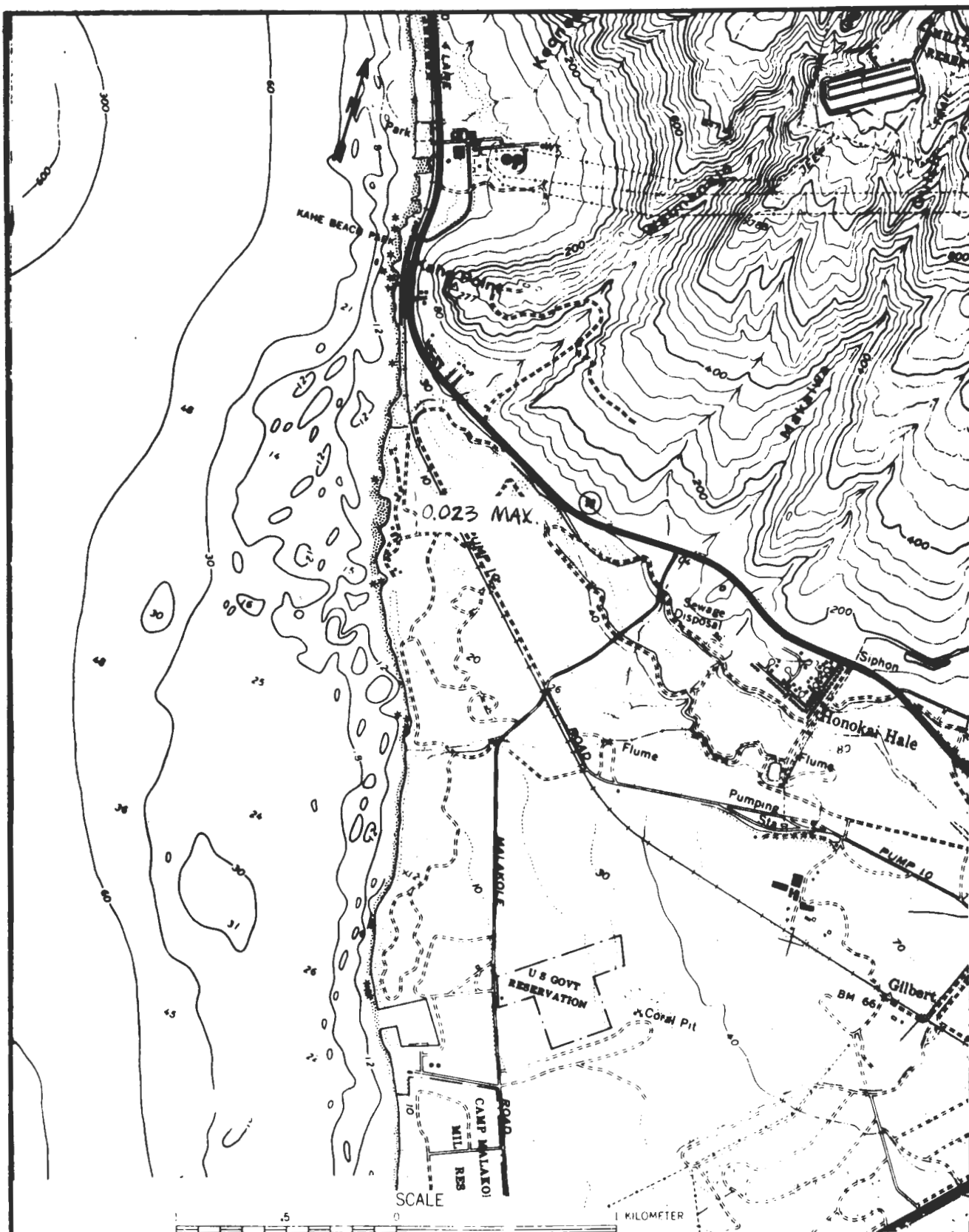
OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B206
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 62



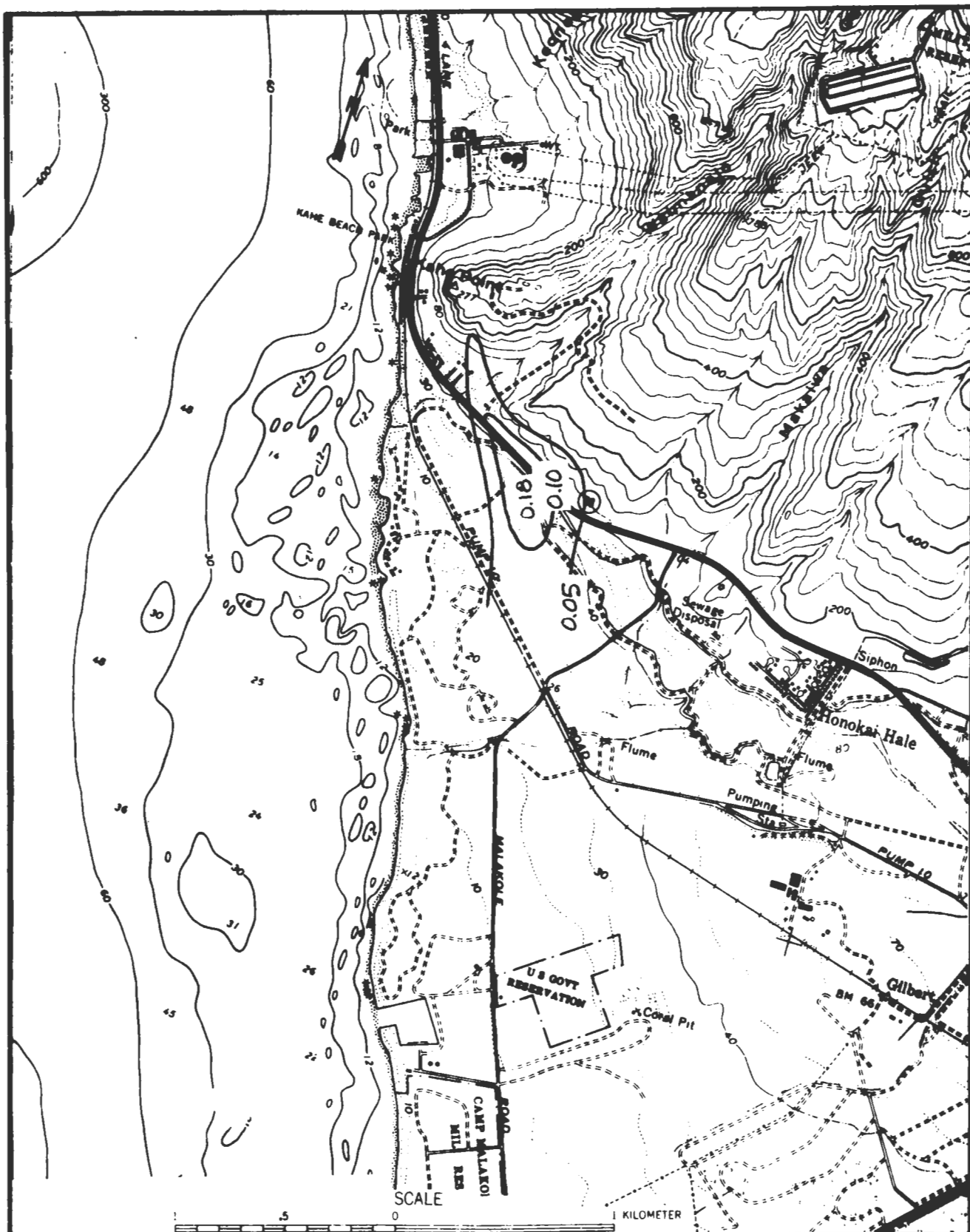


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B207
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 62

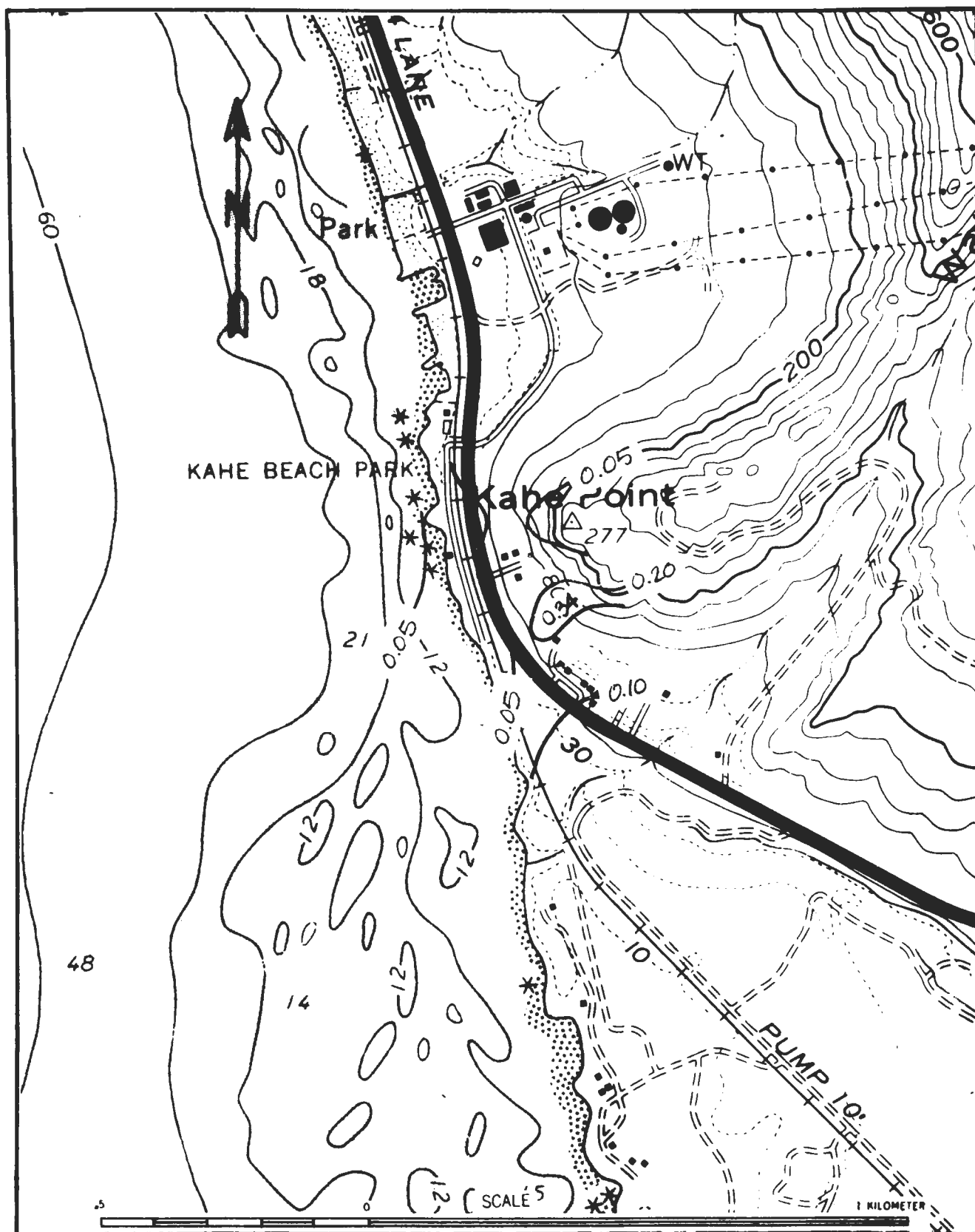


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 333°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B208
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 62

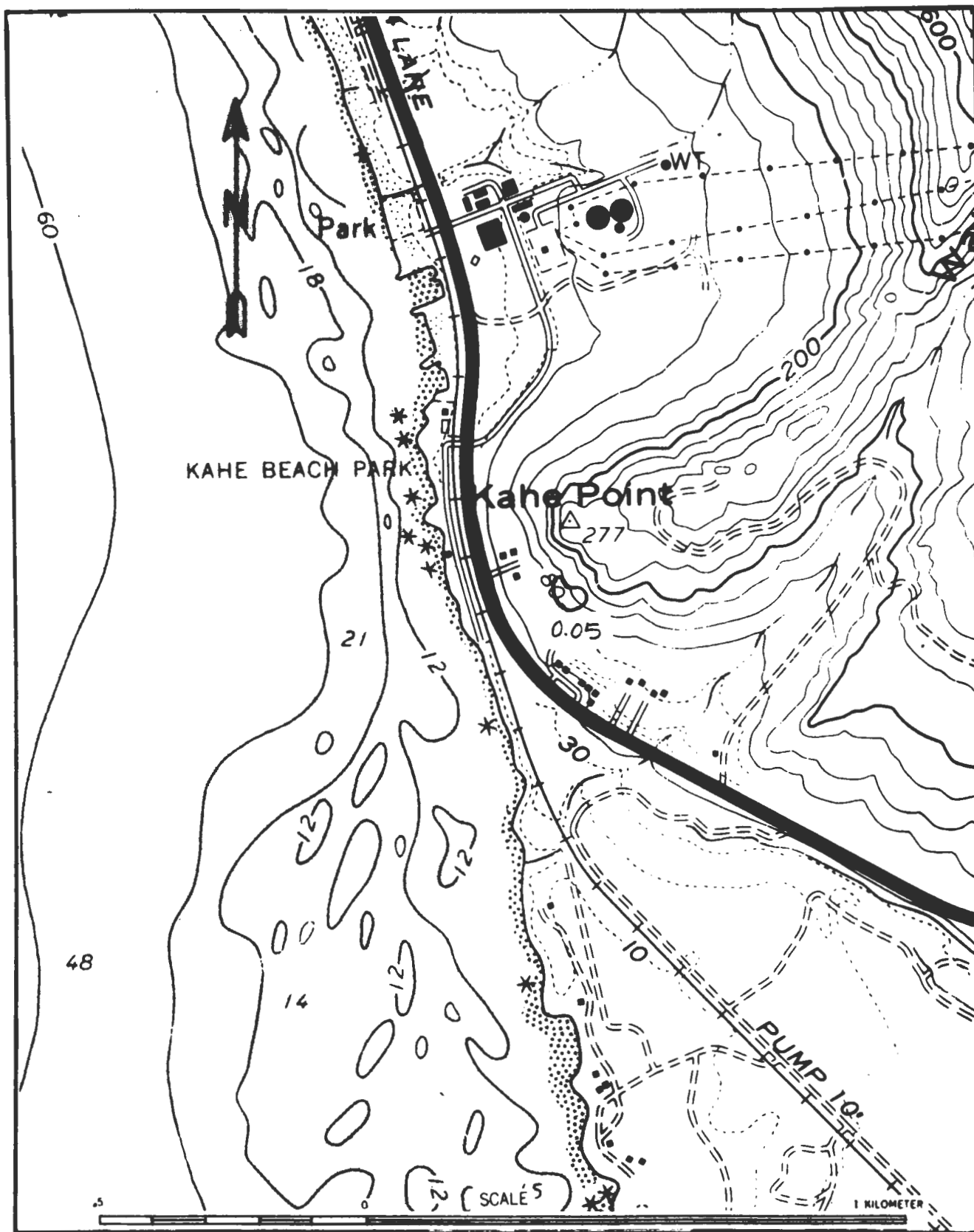


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B209
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 63

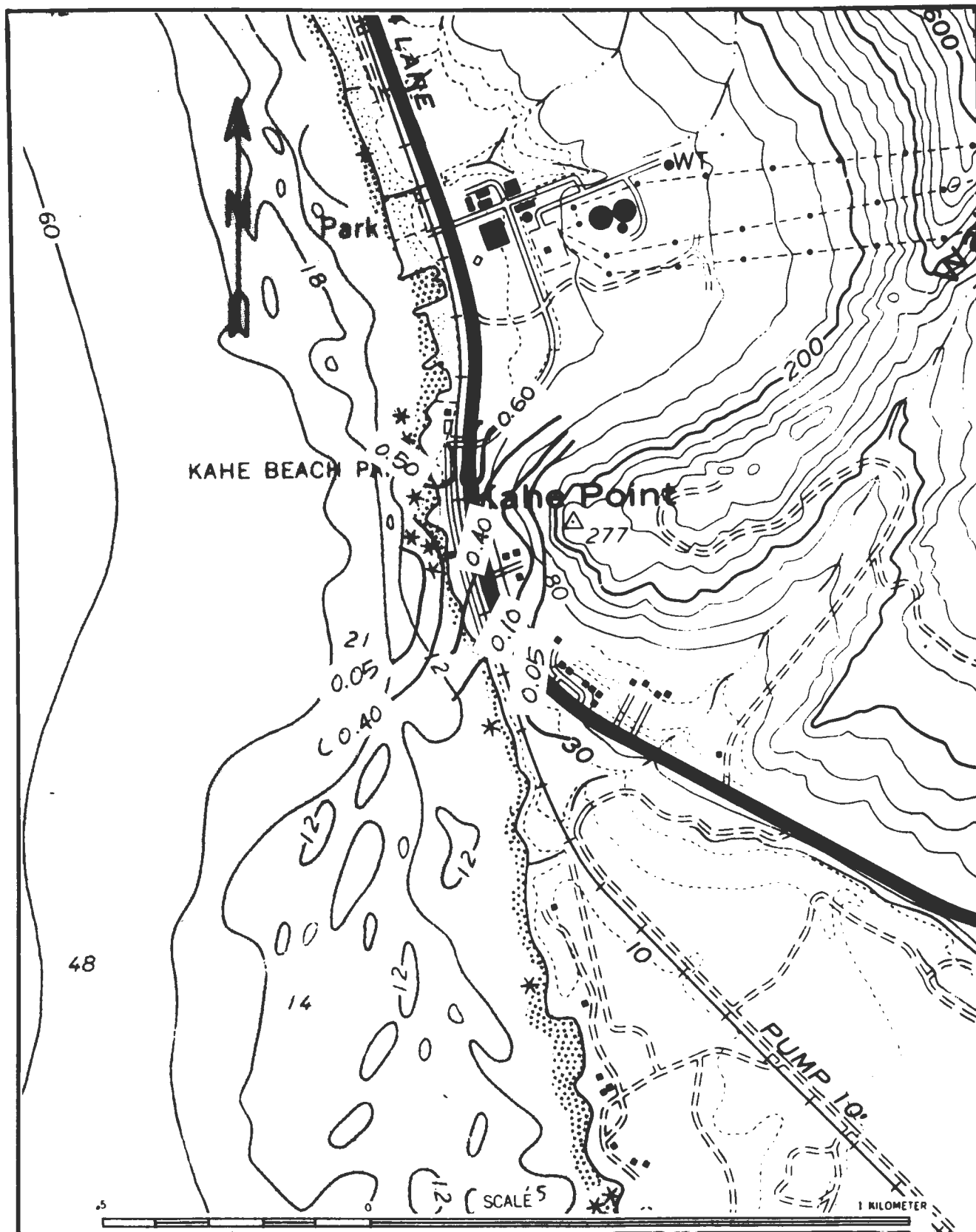


OPERATING CONDITIONS

STACKS:	Present	1-5
	Active	5
WIND:	Direction	0°
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

Figure B210
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 63



OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 0°
 Velocity 13.4 m/s

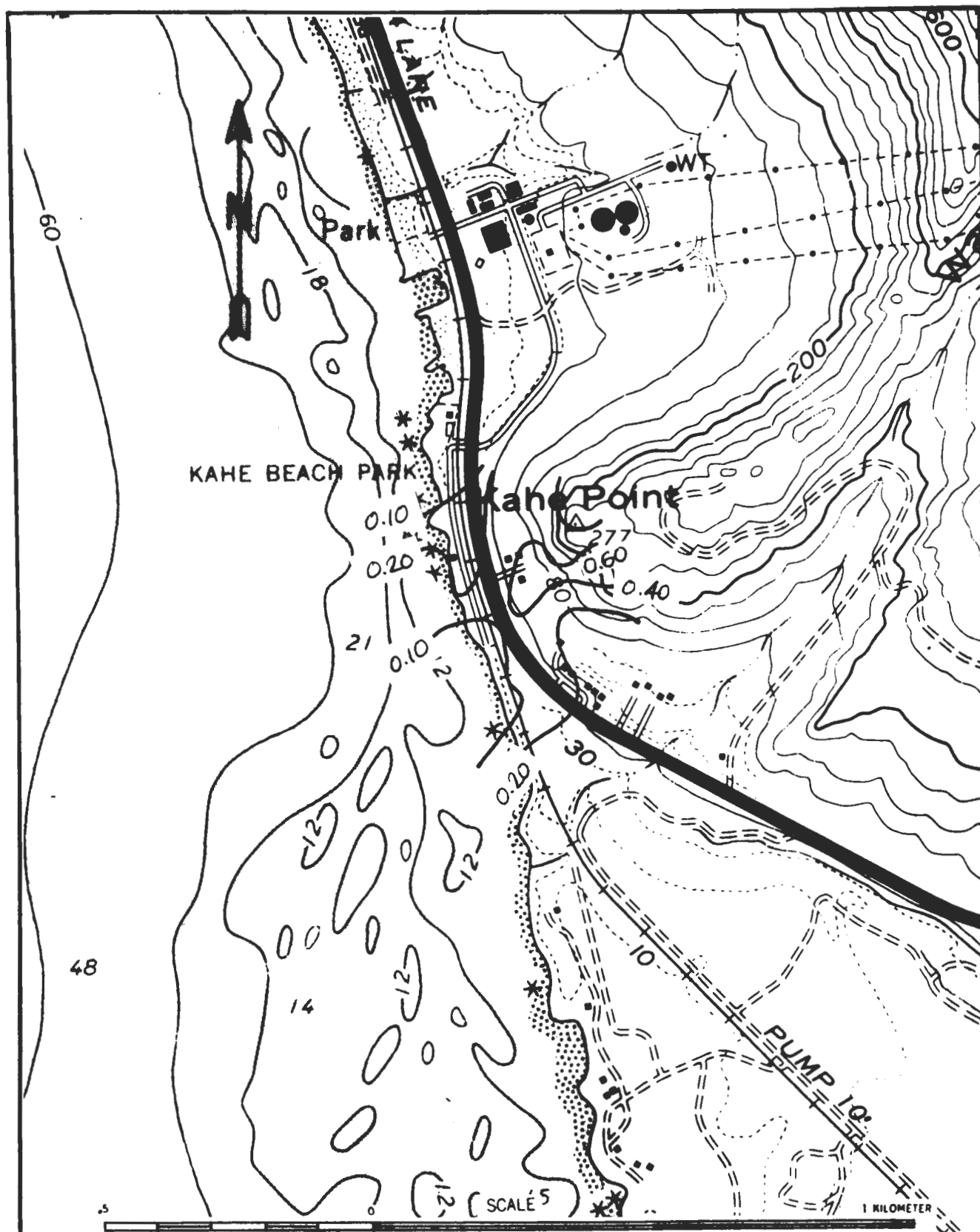
KAHE POWER PLANT Model Study

Figure B211
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 64



STACKS:	Present	1-5
	Active	5
WIND:	Direction	0°
	Velocity	13.4 m/s

Figure B212
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 64

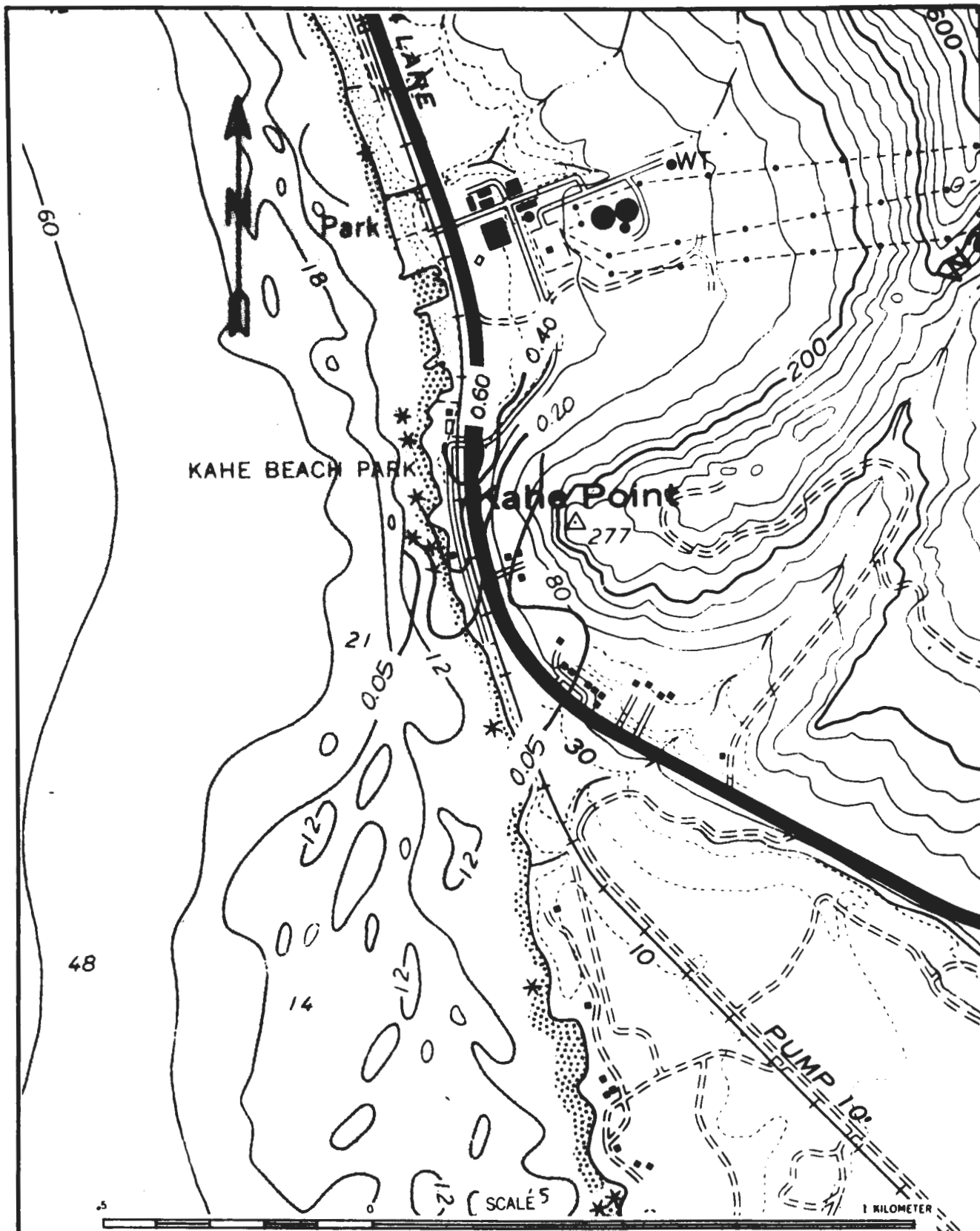


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B213
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 65

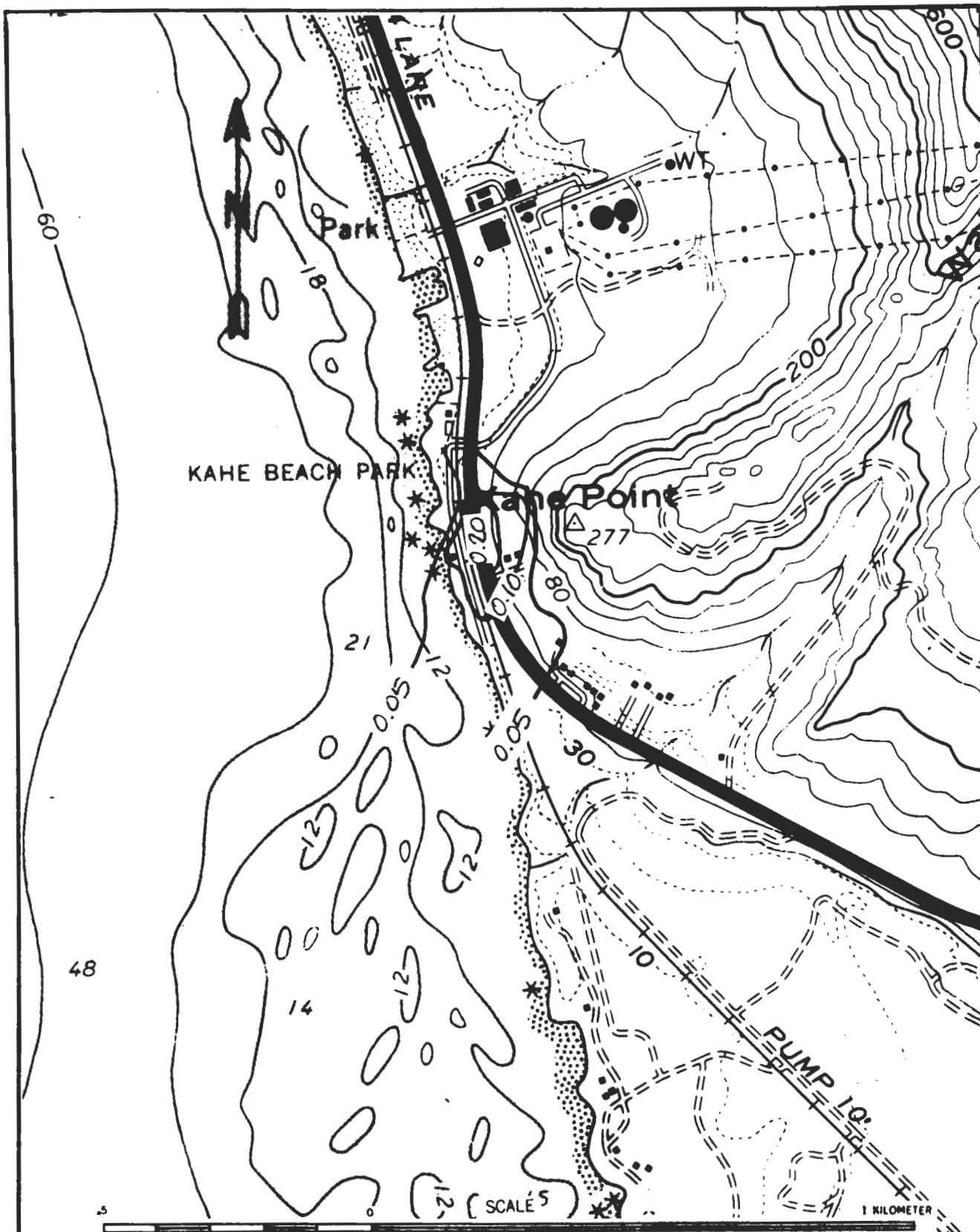


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 1-4
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B215
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 65

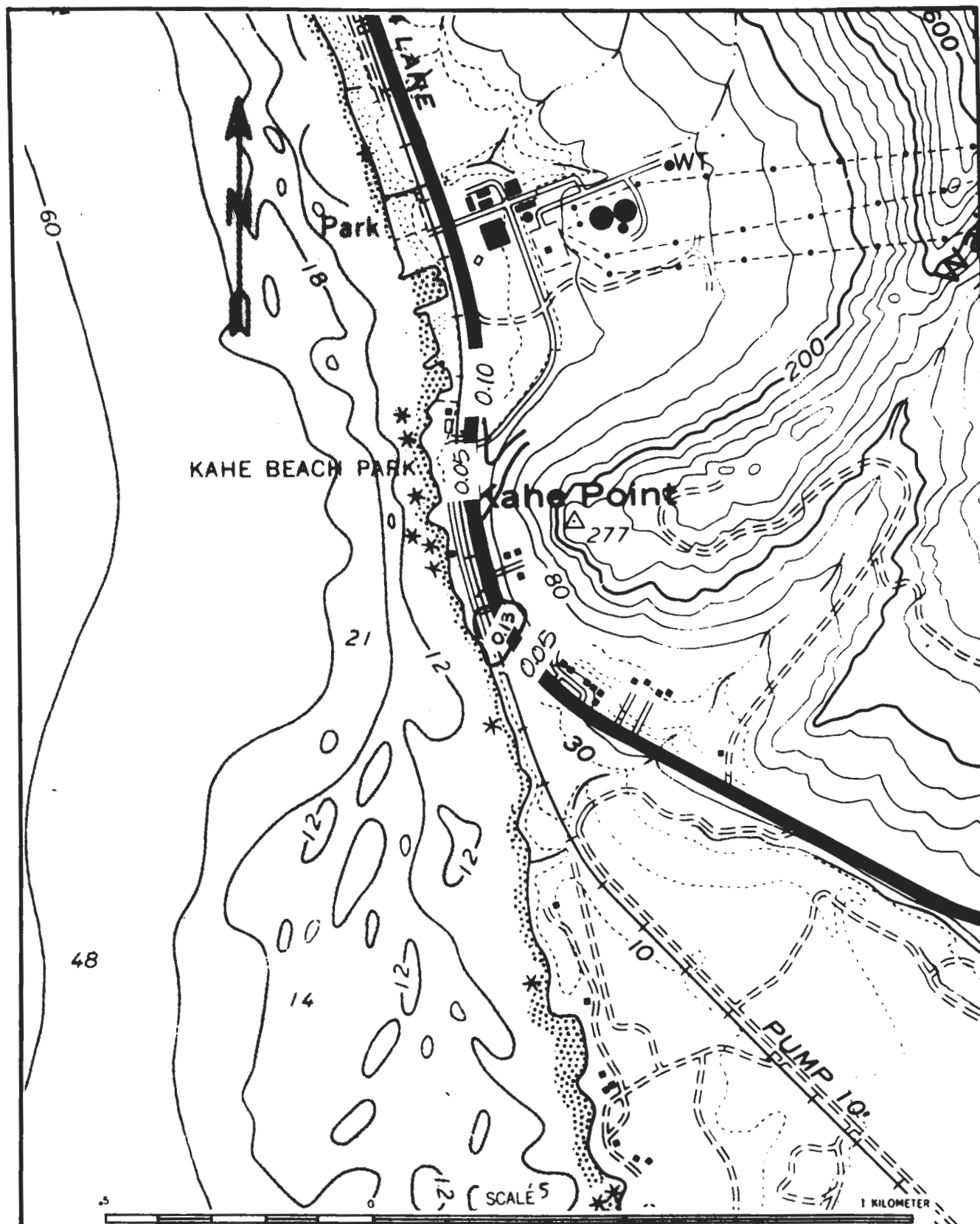


OPERATING CONDITIONS

STACKS: Present 1-5
 Active 5
 WIND: Direction 0°
 Velocity 13.4 m/s

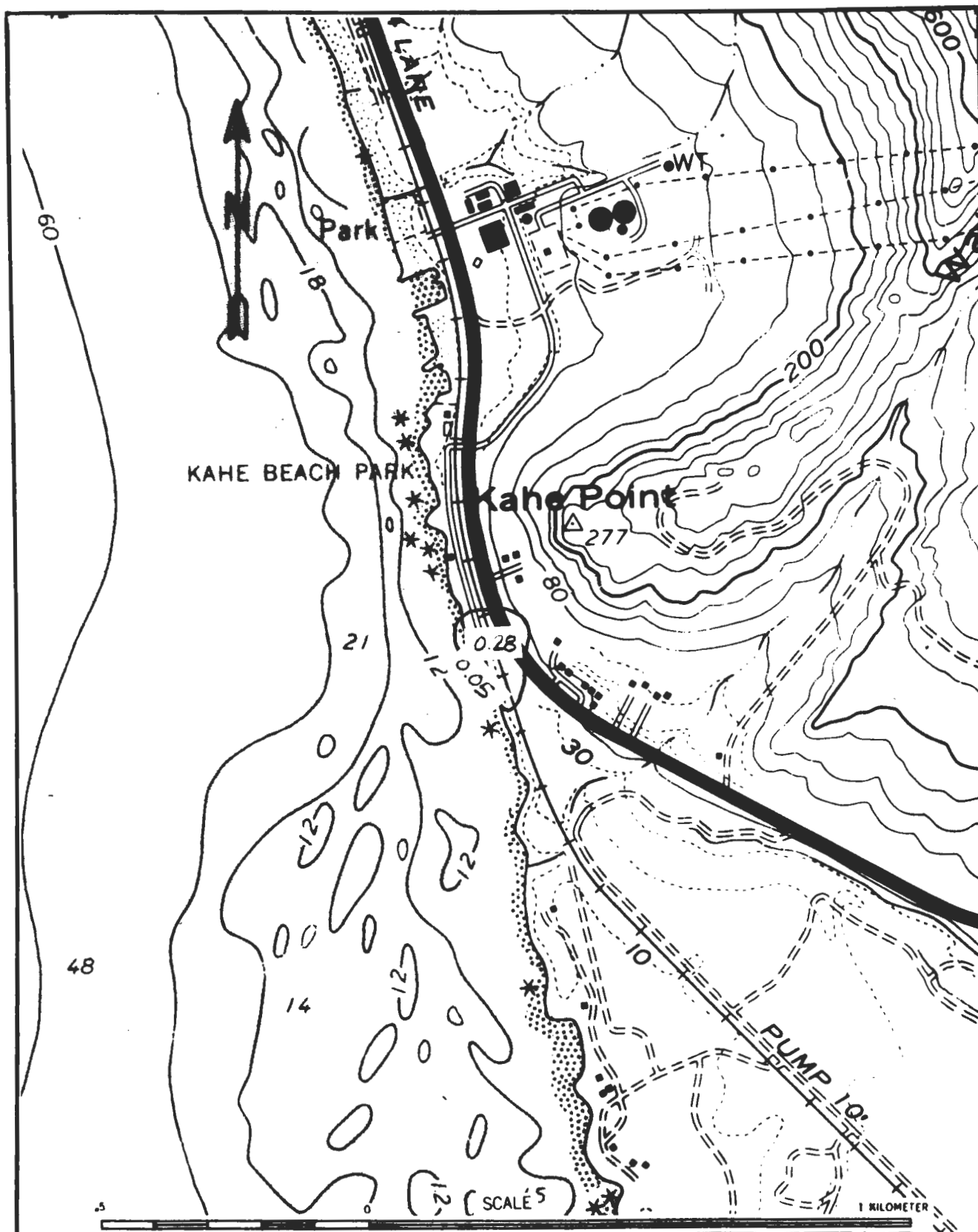
KAHE POWER PLANT Model Study

Figure B216
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 66



OPERATING CONDITIONS
 STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study
 Figure B217
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 67

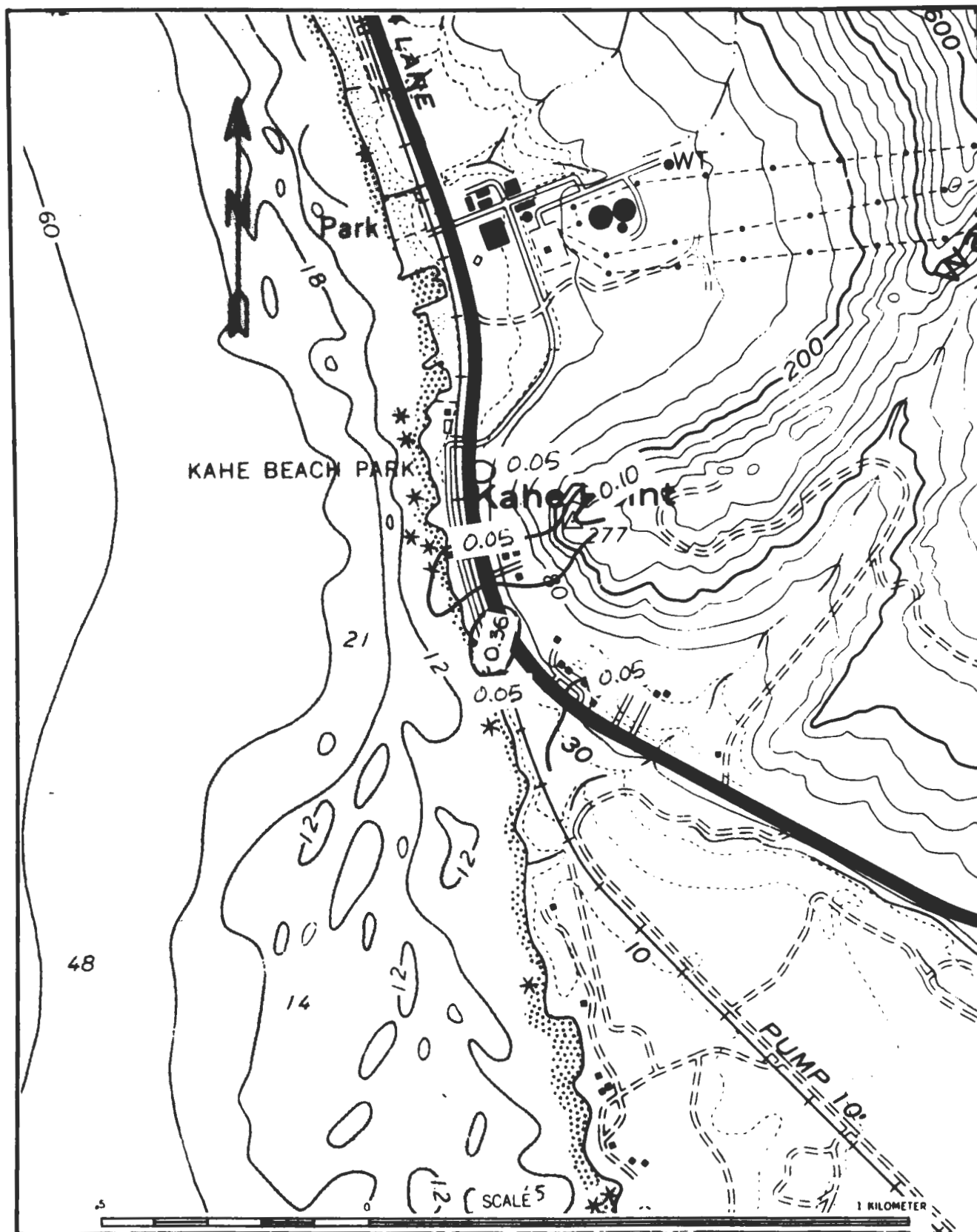


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B218
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 67

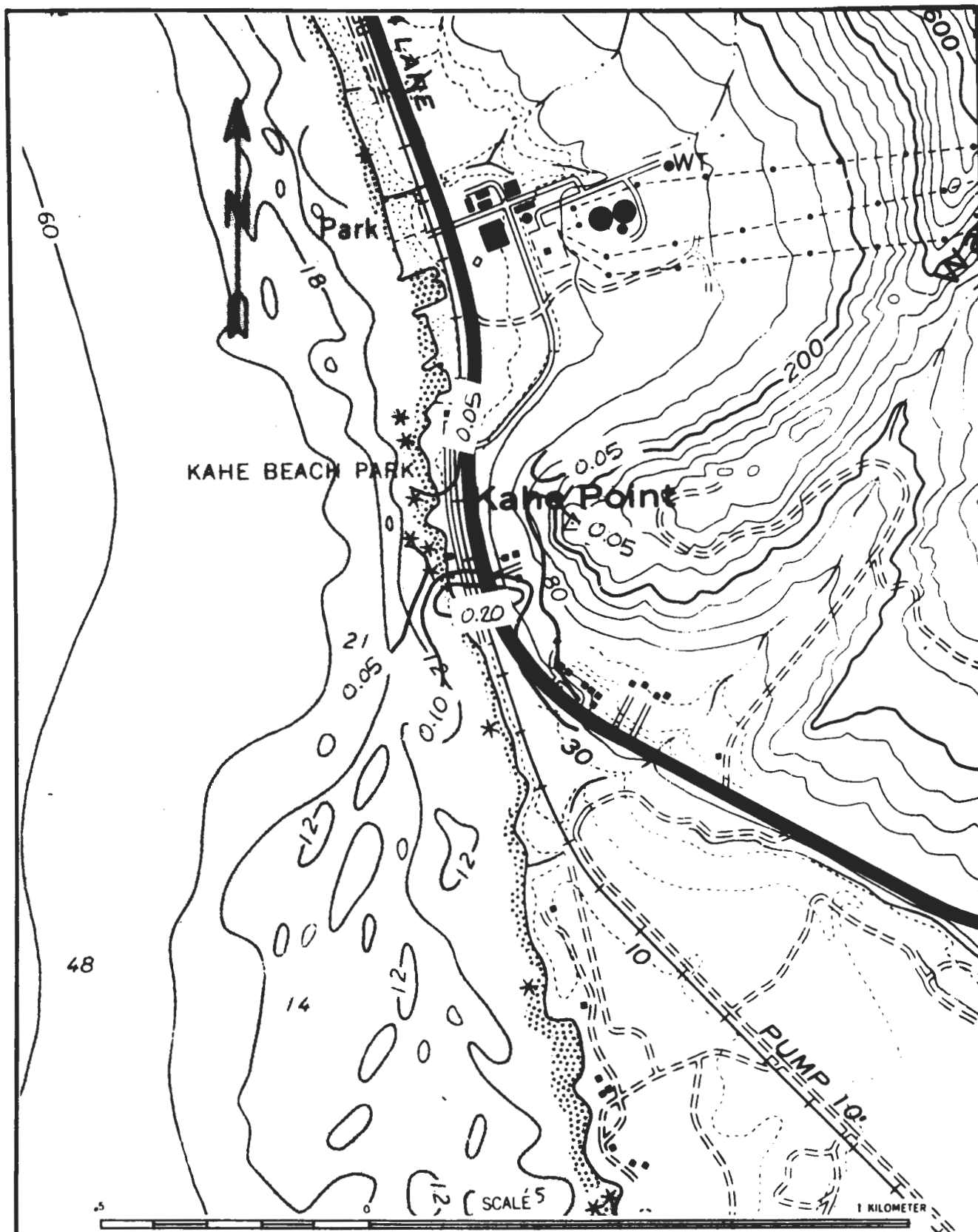


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B220
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 67

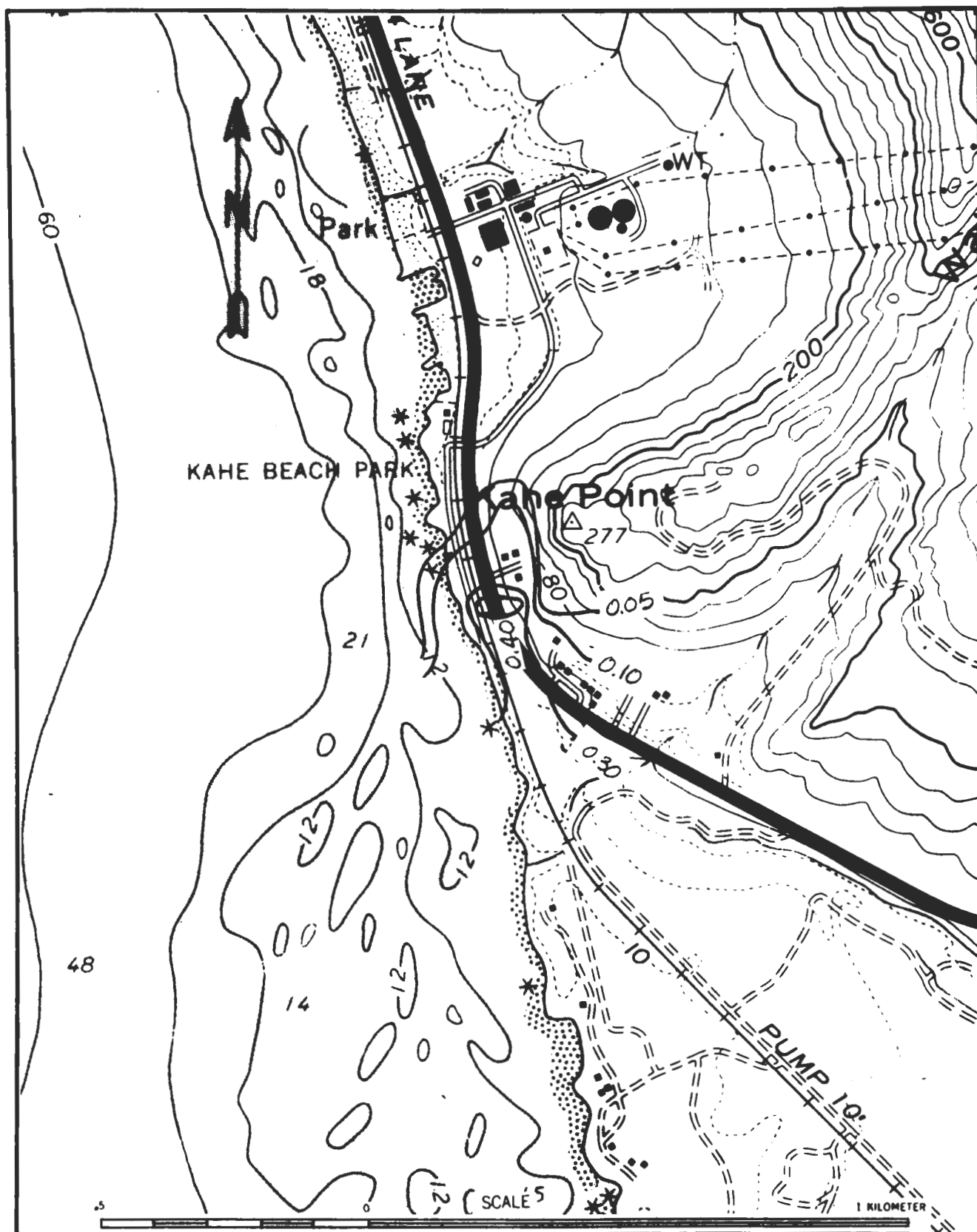


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B221
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 68



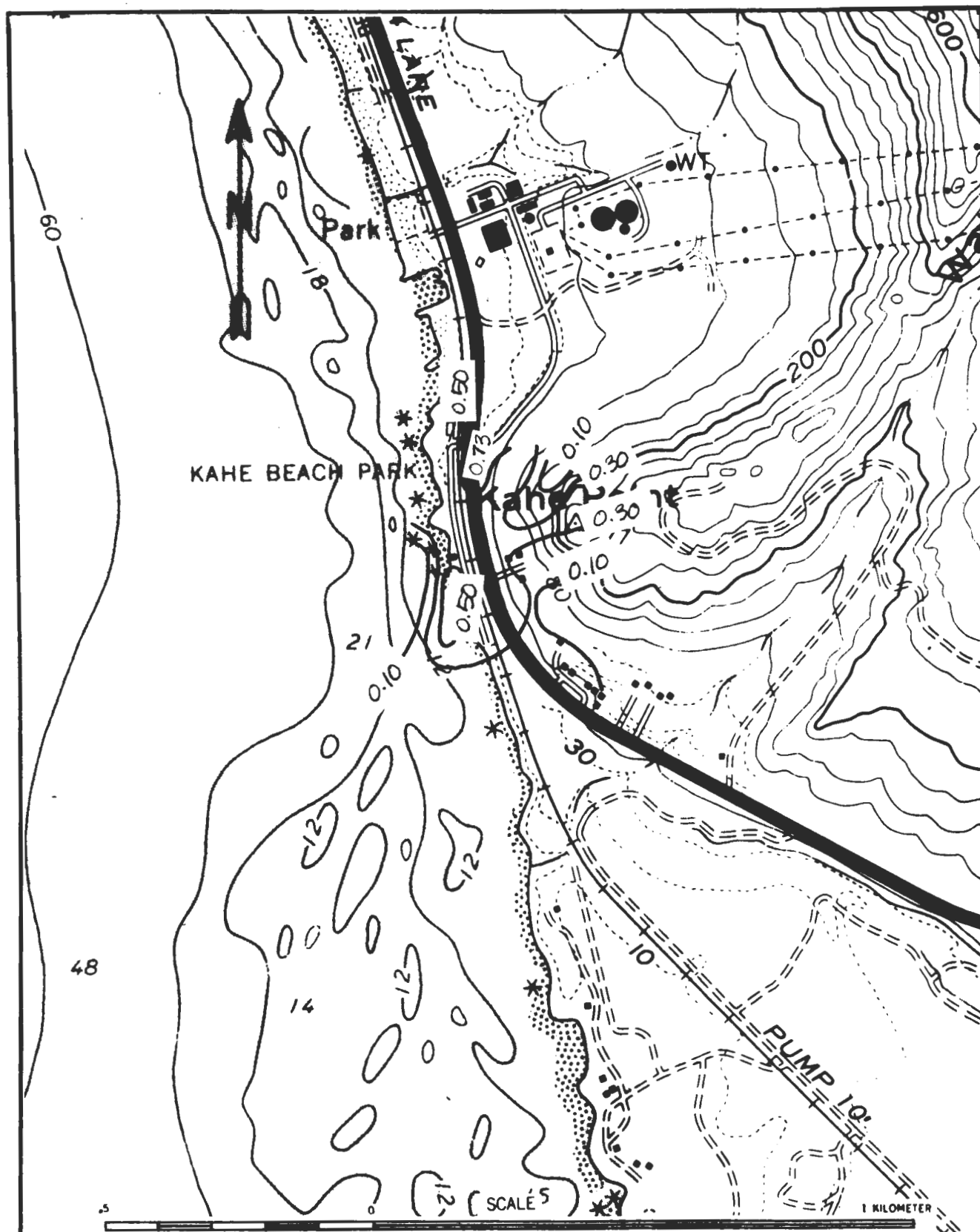
OPERATING CONDITIONS

STACKS:	Present	1C, 5-8
	Active	7
WIND:	Direction	0°
	Velocity	13.4 m/s

KAHE POWER PLANT Model Study

Figure B222
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 68

Figure B223
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 68

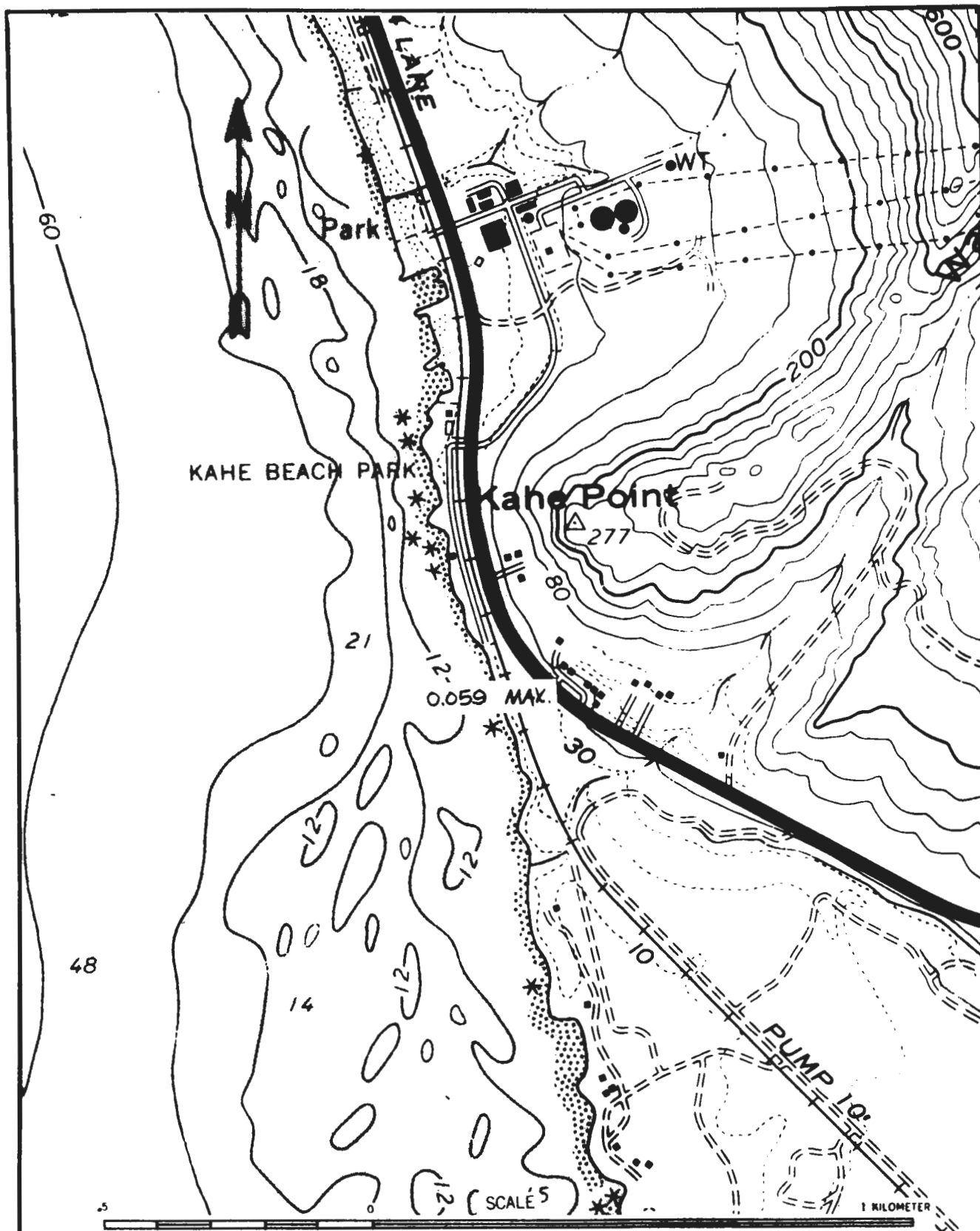


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B224
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 68



OPERATING CONDITIONS:

STACKS:	Present	1C, 5-8
	Active	6
WIND:	Direction	0°
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

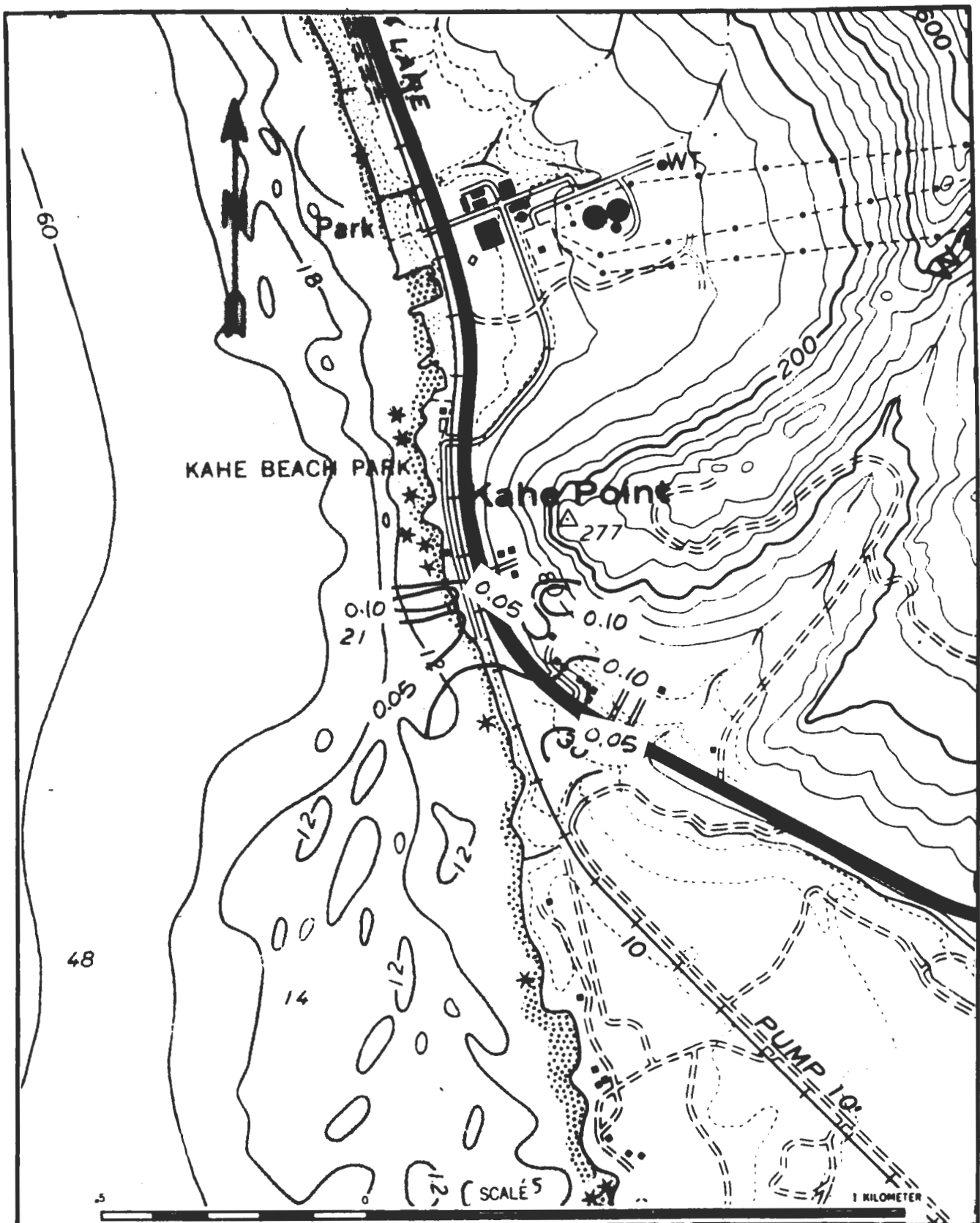
Figure B225
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 69

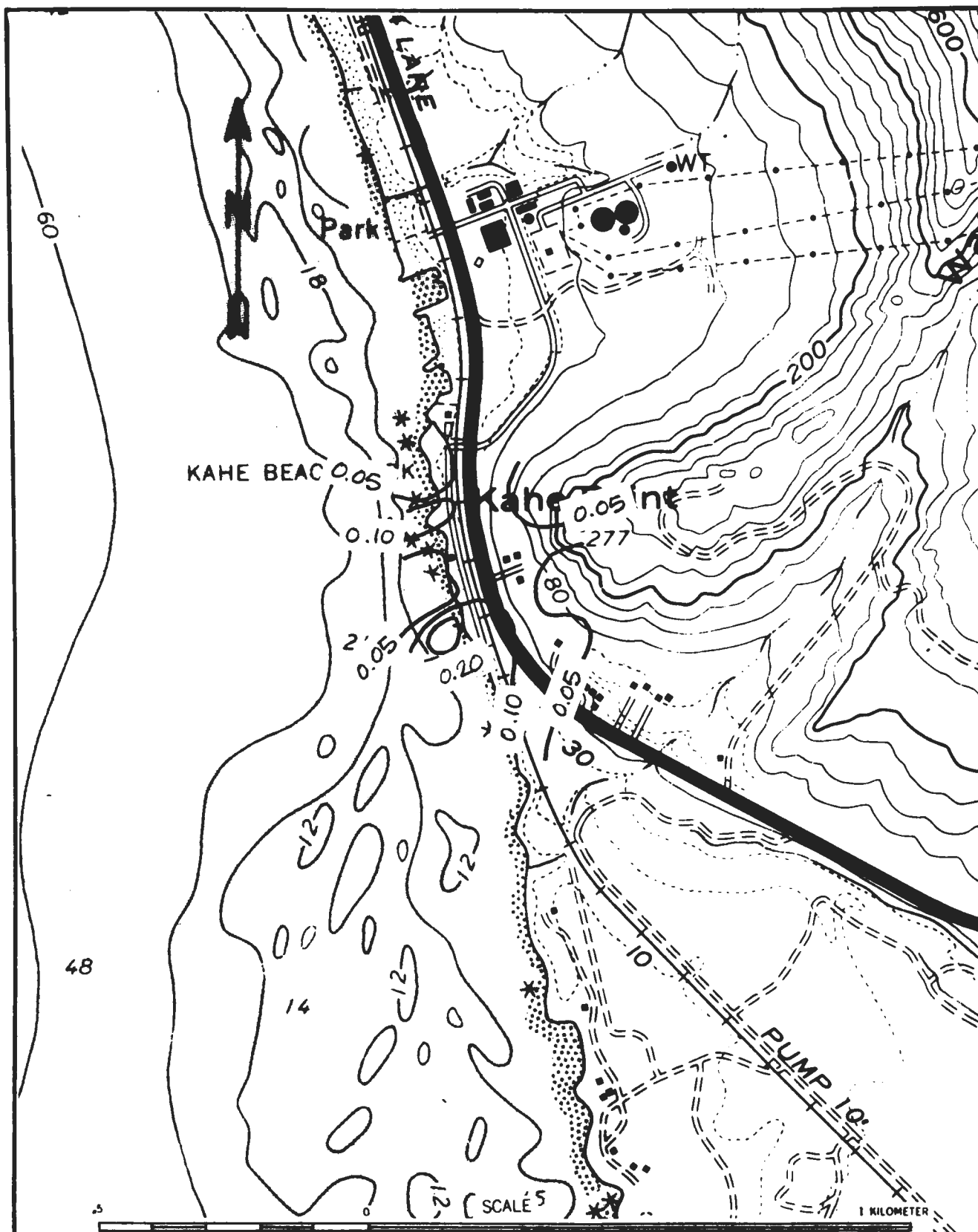


STACKS:	Present	1C, 5-8
	Active	7
WIND:	Direction	0°
	Velocity	6.7 m/s

KAHE POWER PLANT Model Study

Figure B226
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
RUN 69



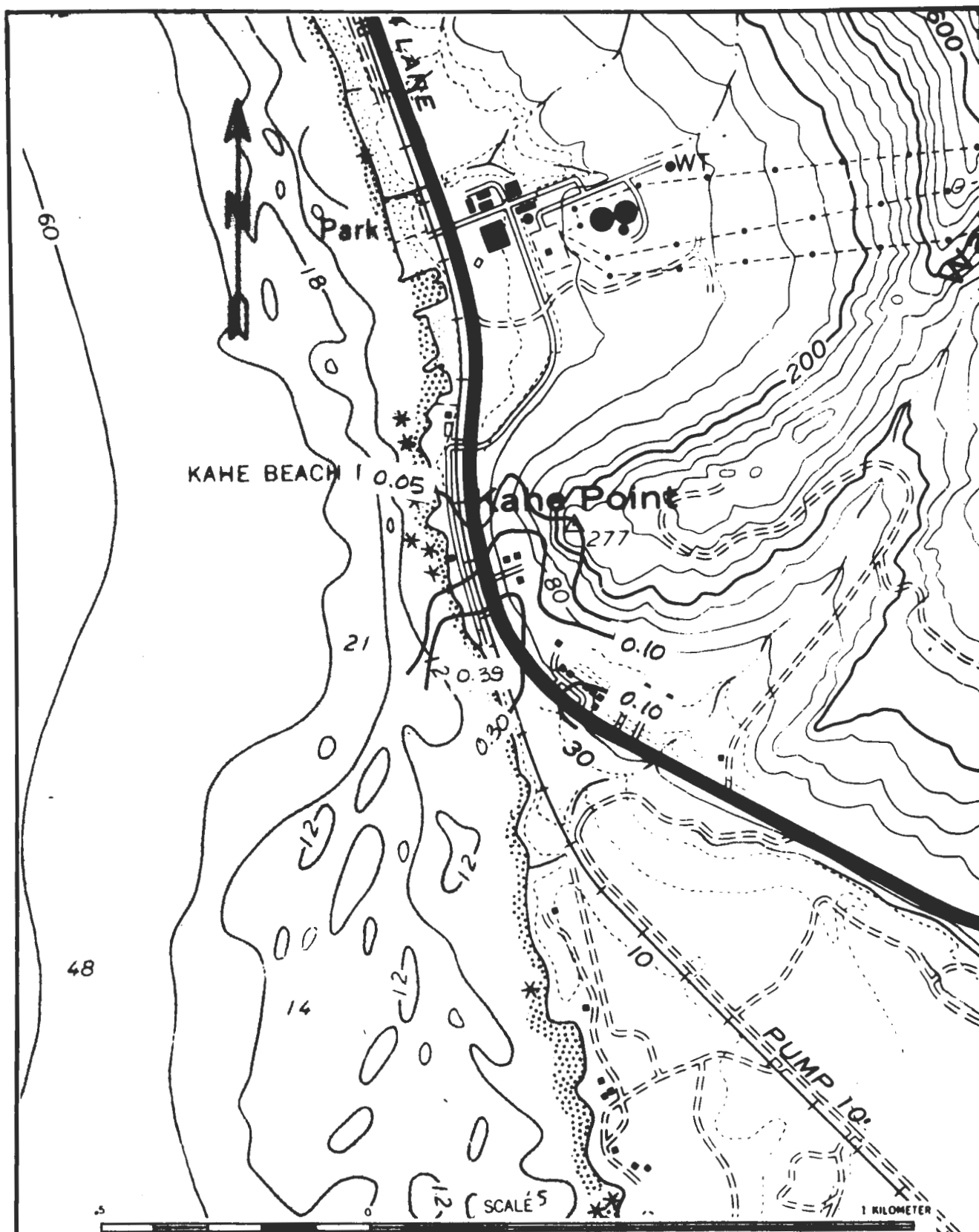


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B229
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 70

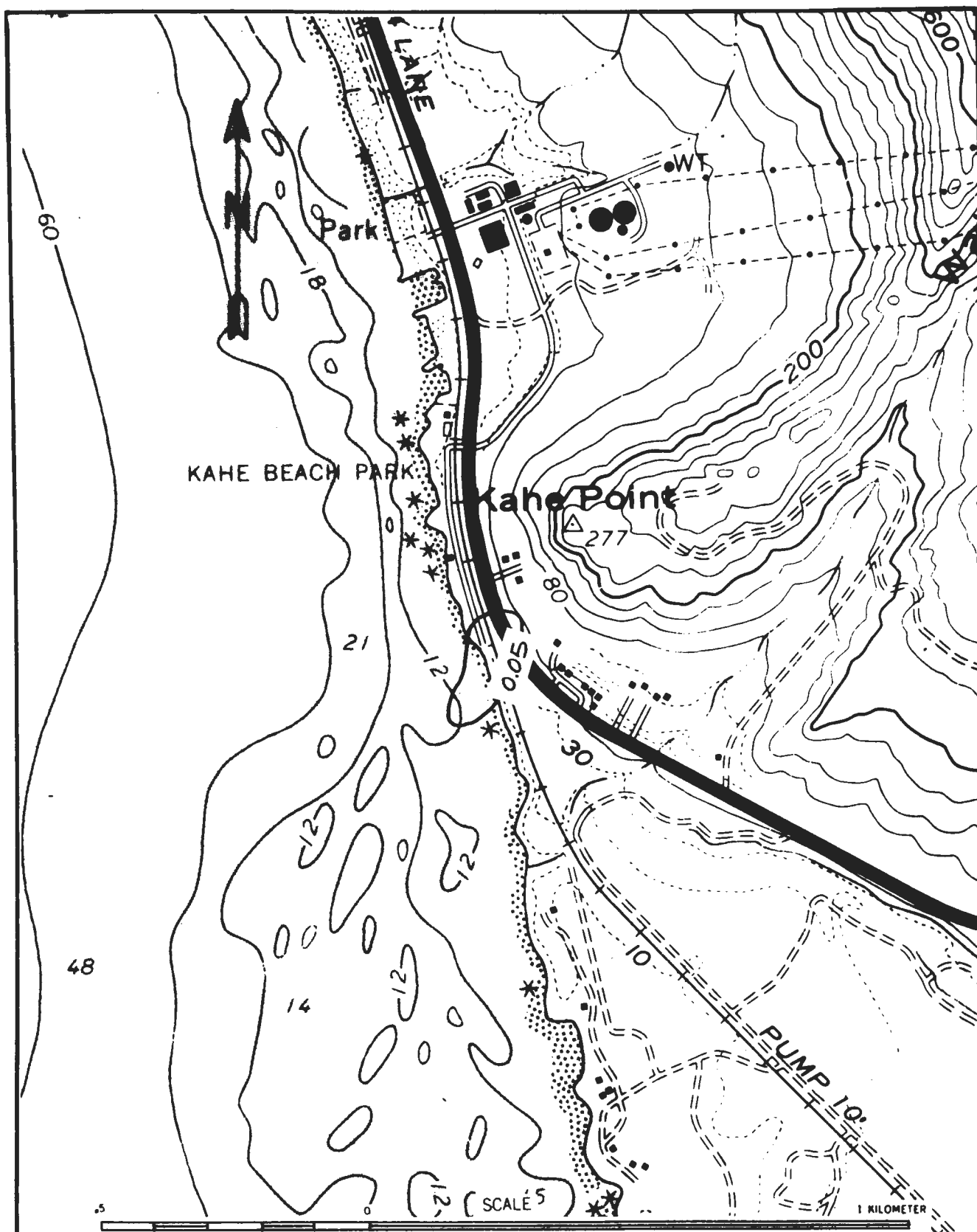


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B230
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 70

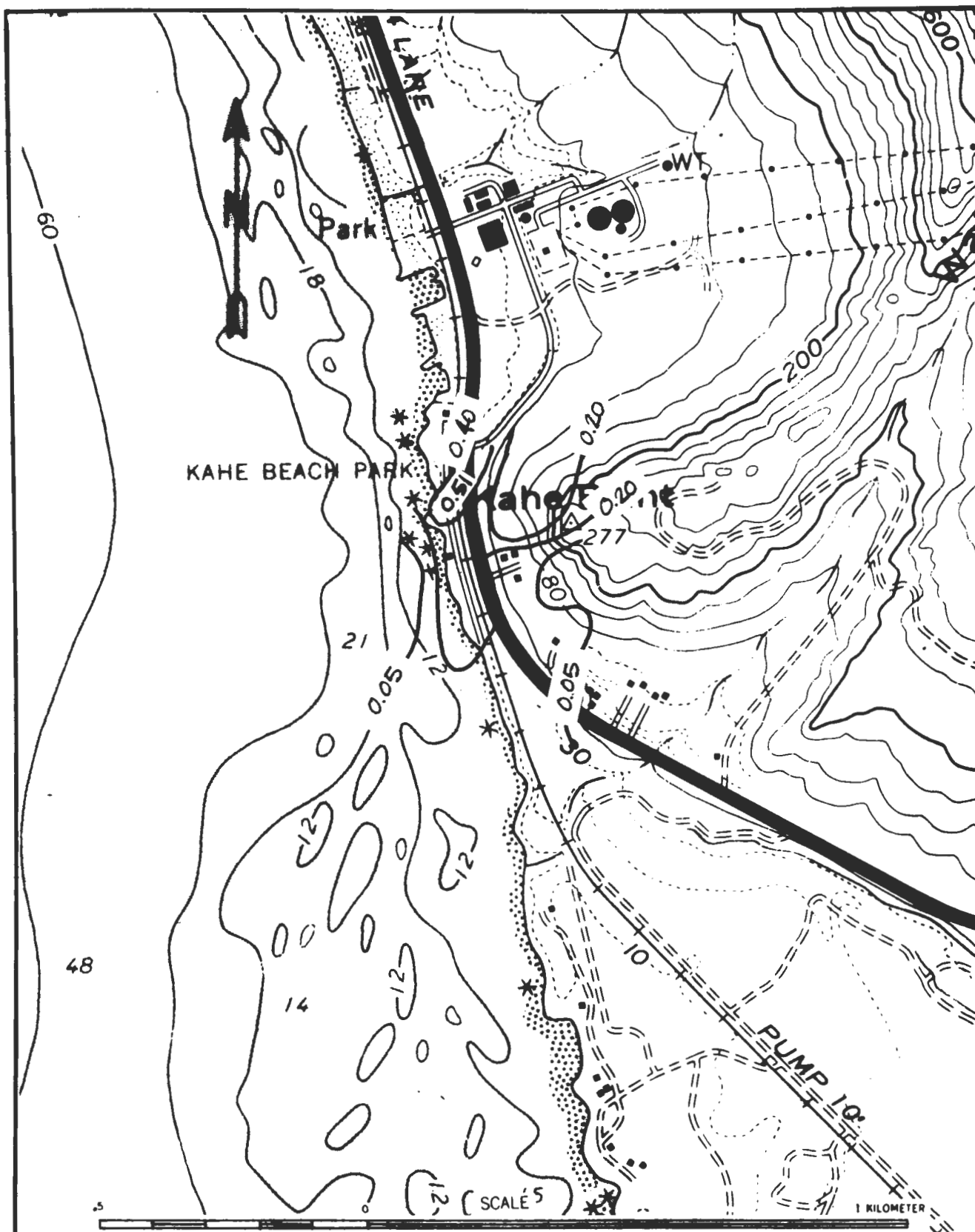


OPERATING CONDITIONS

STACKS:	Present	1C, 5-8
	Active	8
WIND:	Direction	0°
	Velocity	13.4 m/s

KAHE POWER PLANT Model Study

Figure B231
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 70

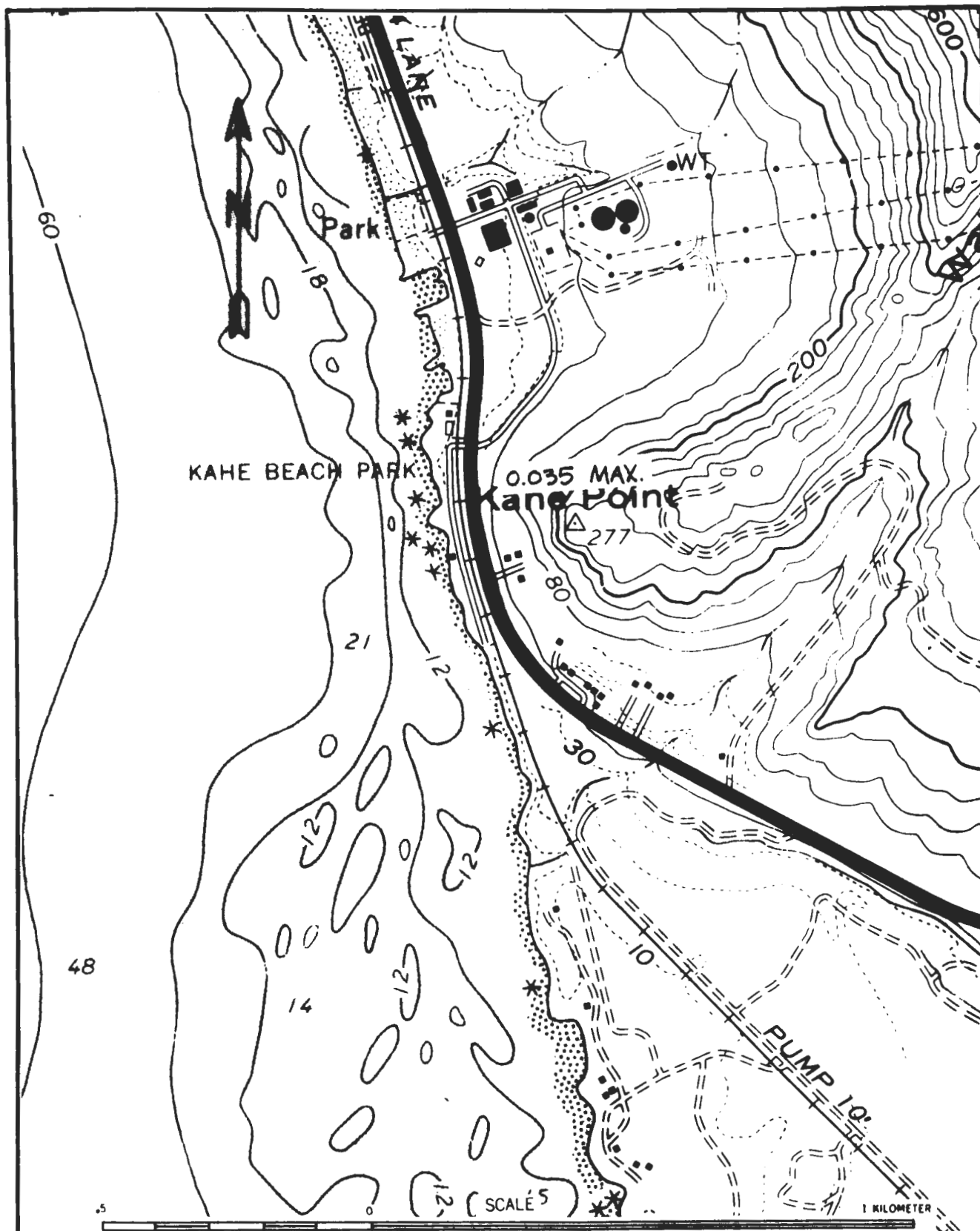


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B232
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 70

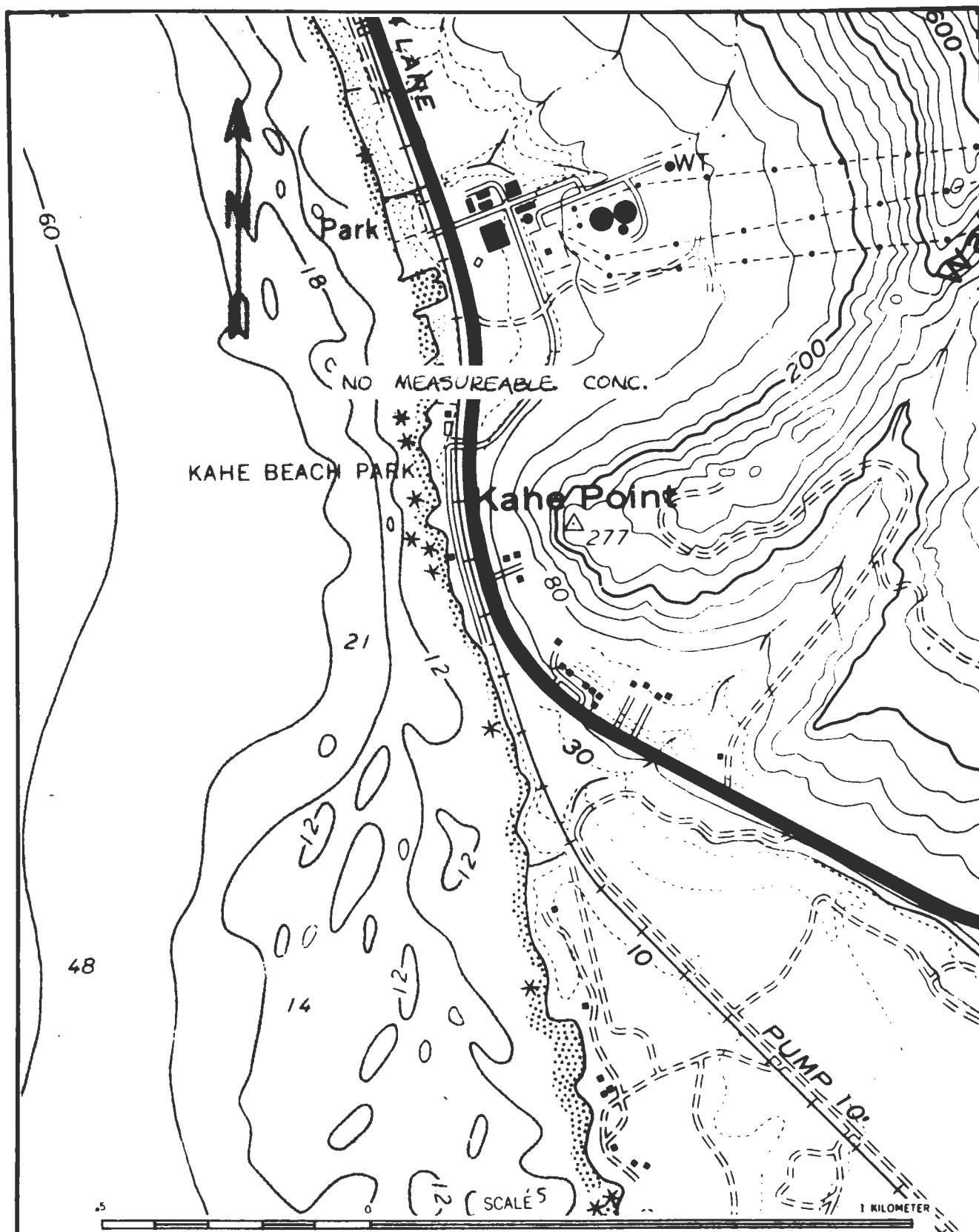


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B233
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 71

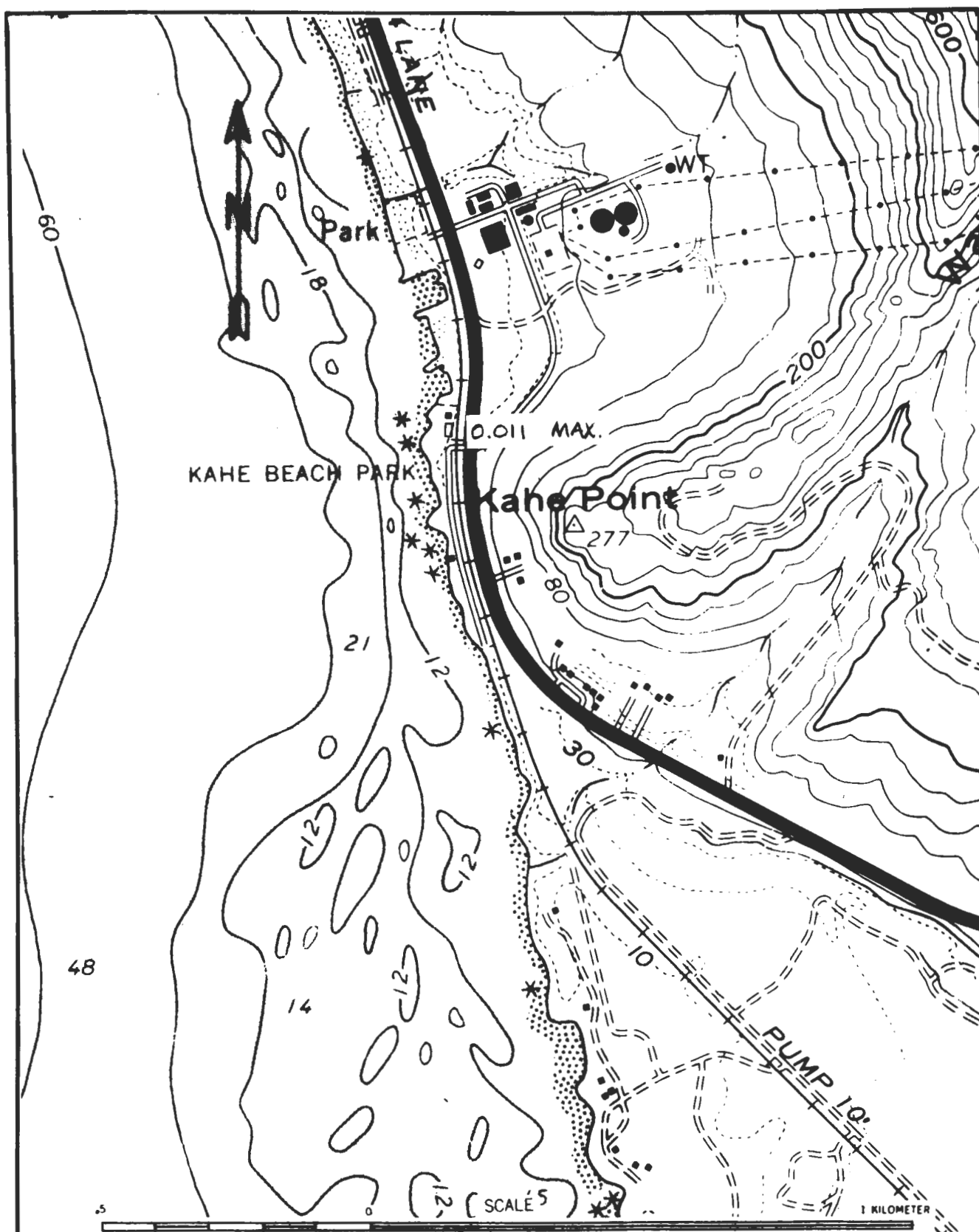


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B234
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 71

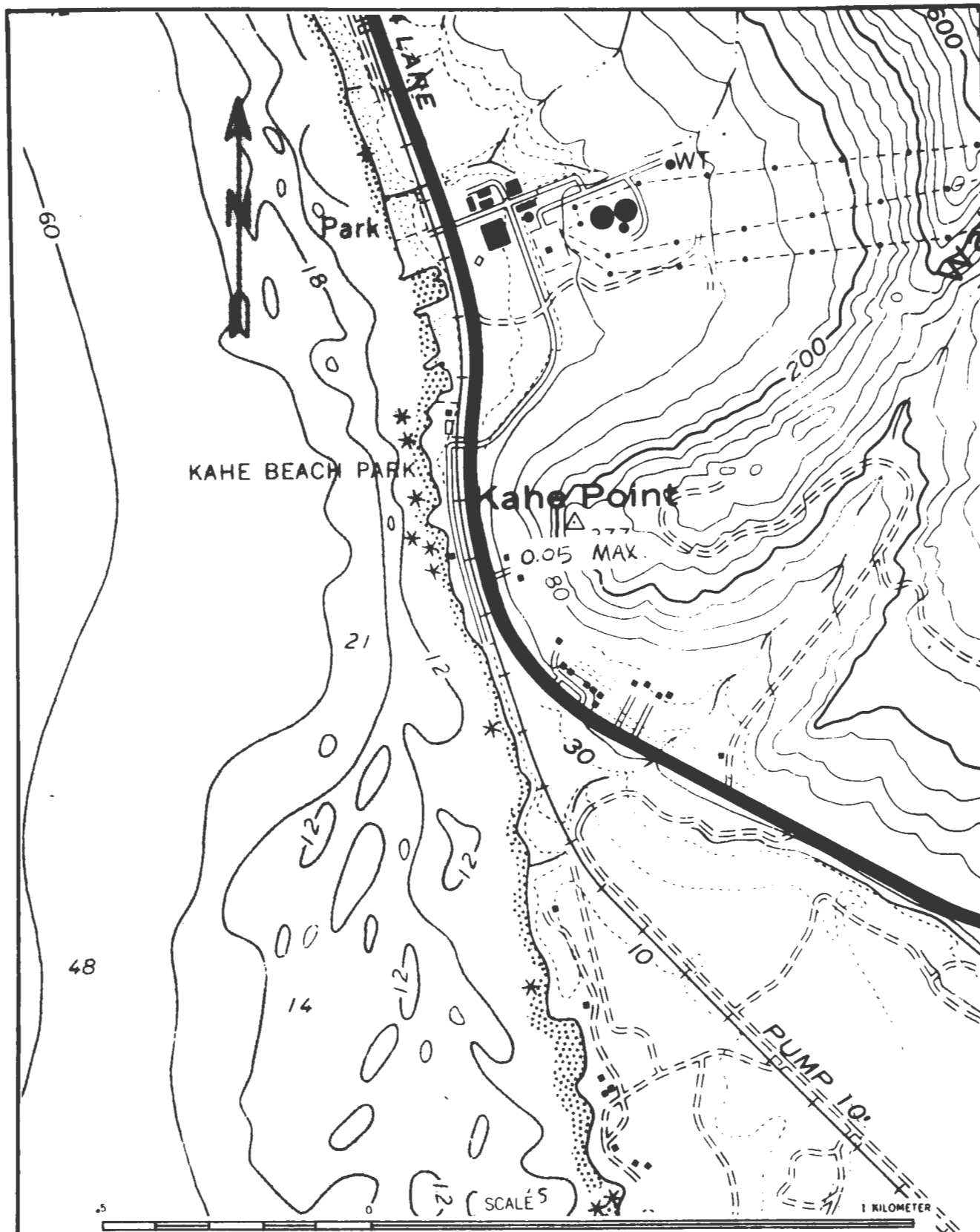


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study

Figure B235
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 71



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 0°
 Velocity 6.7 m/s

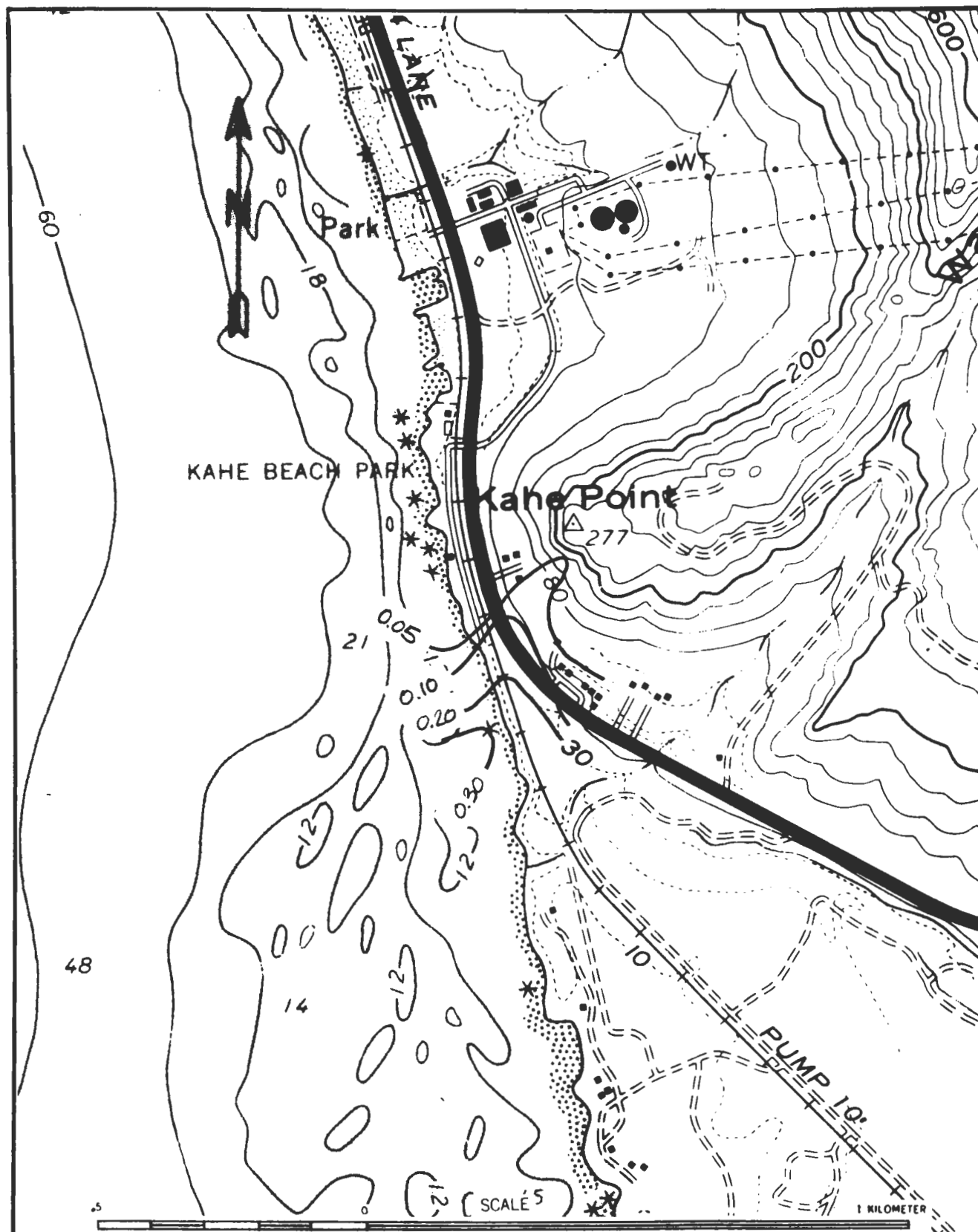
KAHE POWER PLANT Model Study

Figure B236
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 71



STACKS:	Present	1C, 5-8
	Active	6
WIND:	Direction	0°
	Velocity	13.4 m/s

Figure B237
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 72

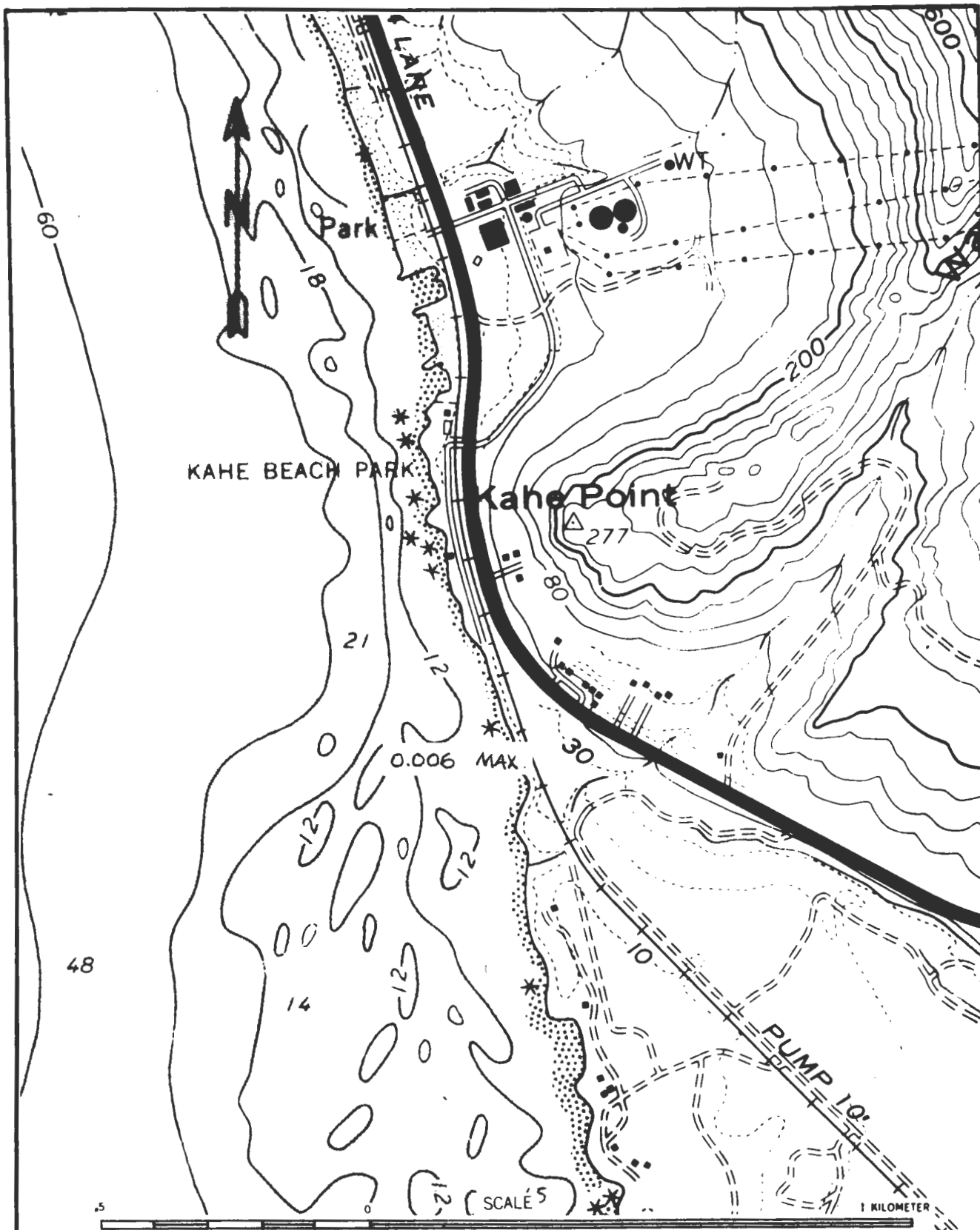


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 7
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B238
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 72

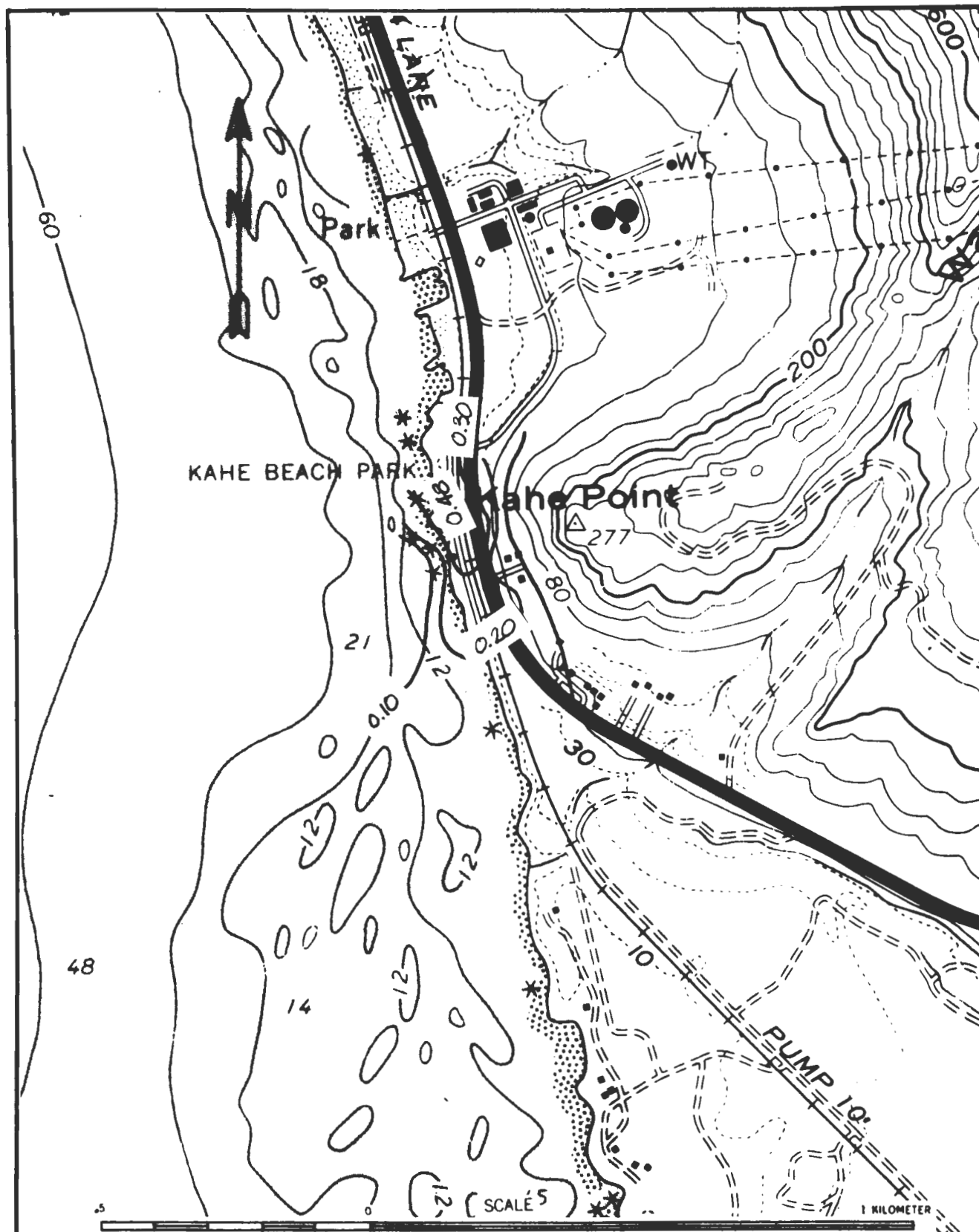


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B239
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 72

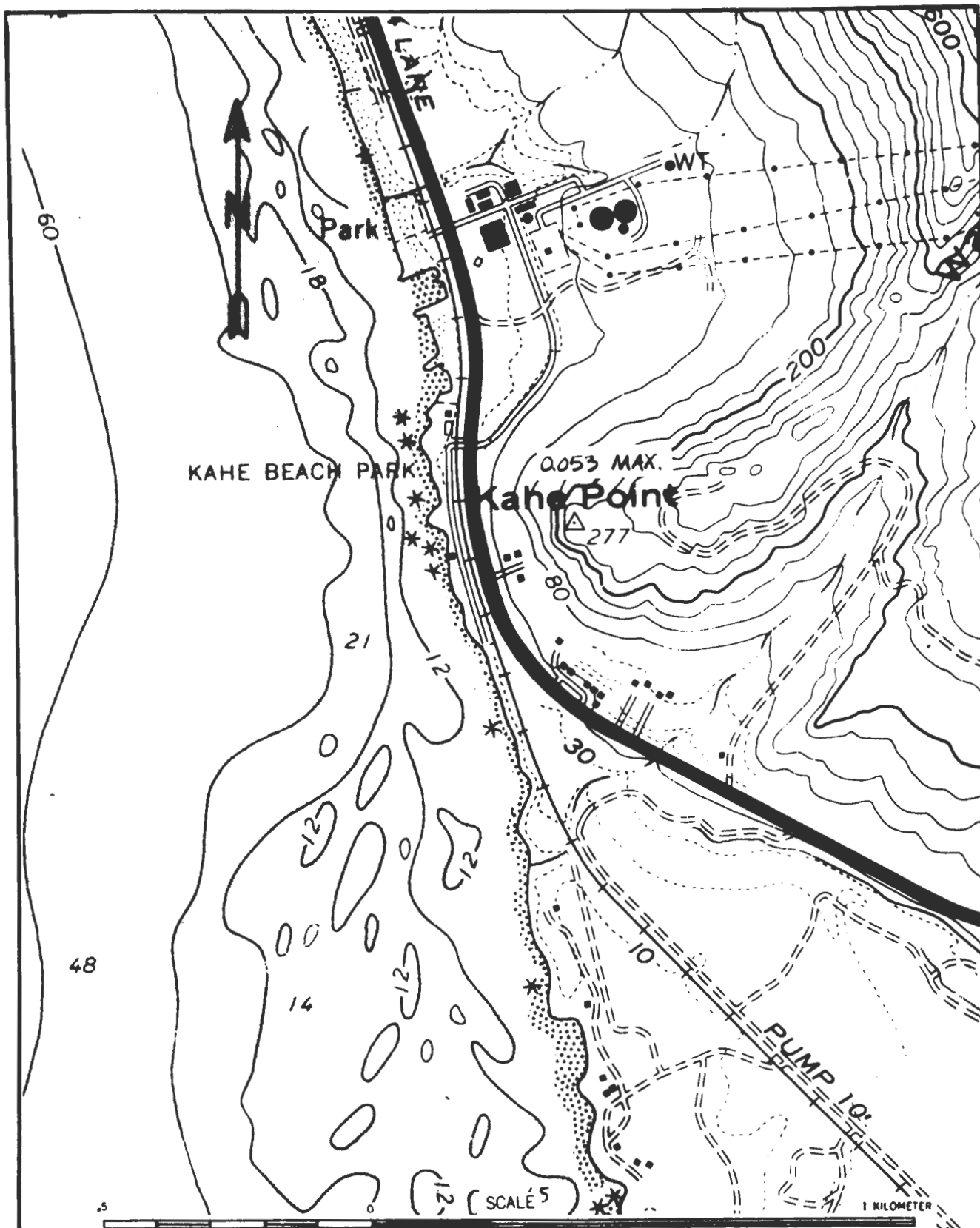


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B240
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 72

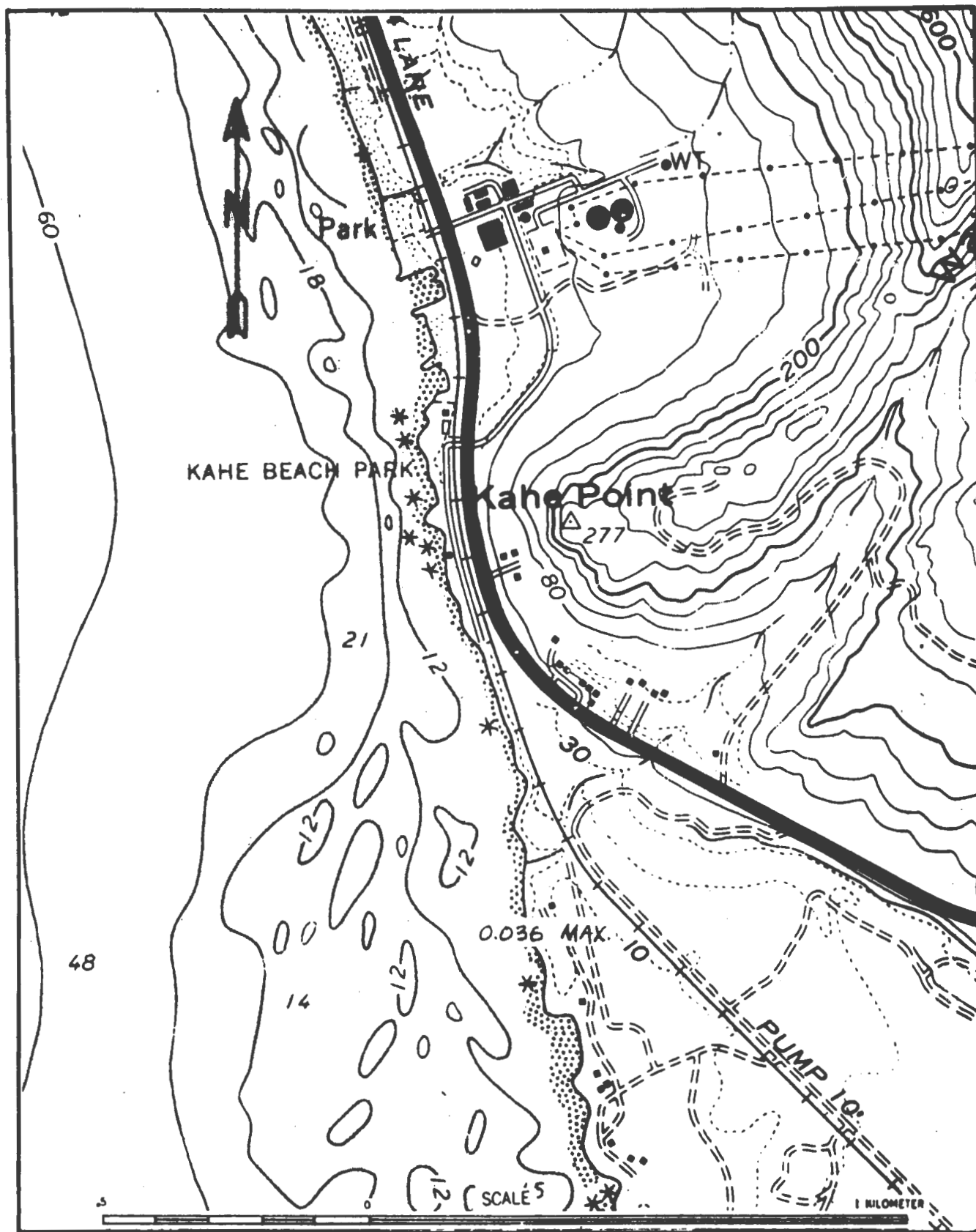


OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 6
 WIND: Direction 0°
 Velocity 6.7 m/s

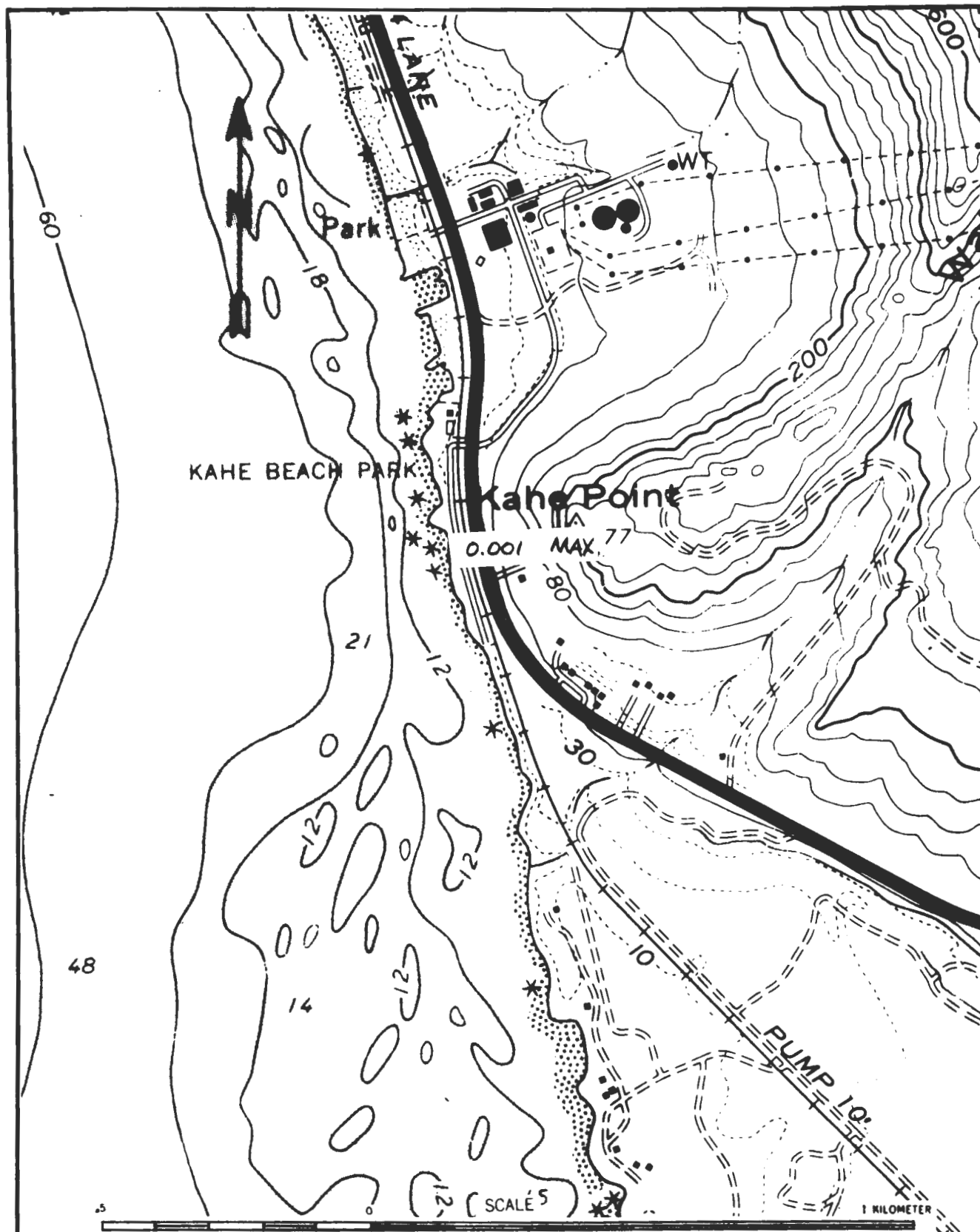
KAHE POWER PLANT Model Study

Figure B241
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 73



OPERATING CONDITIONS:
 STACKS: Present 1C,5,6,7,8
 Active 7
 WIND: Direction 0°
 Velocity 6.7 m/s

KAHE POWER PLANT Model Study
 Figure B 242
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 Run 73



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 8
 WIND: Direction 0°
 Velocity 6.7 m/s

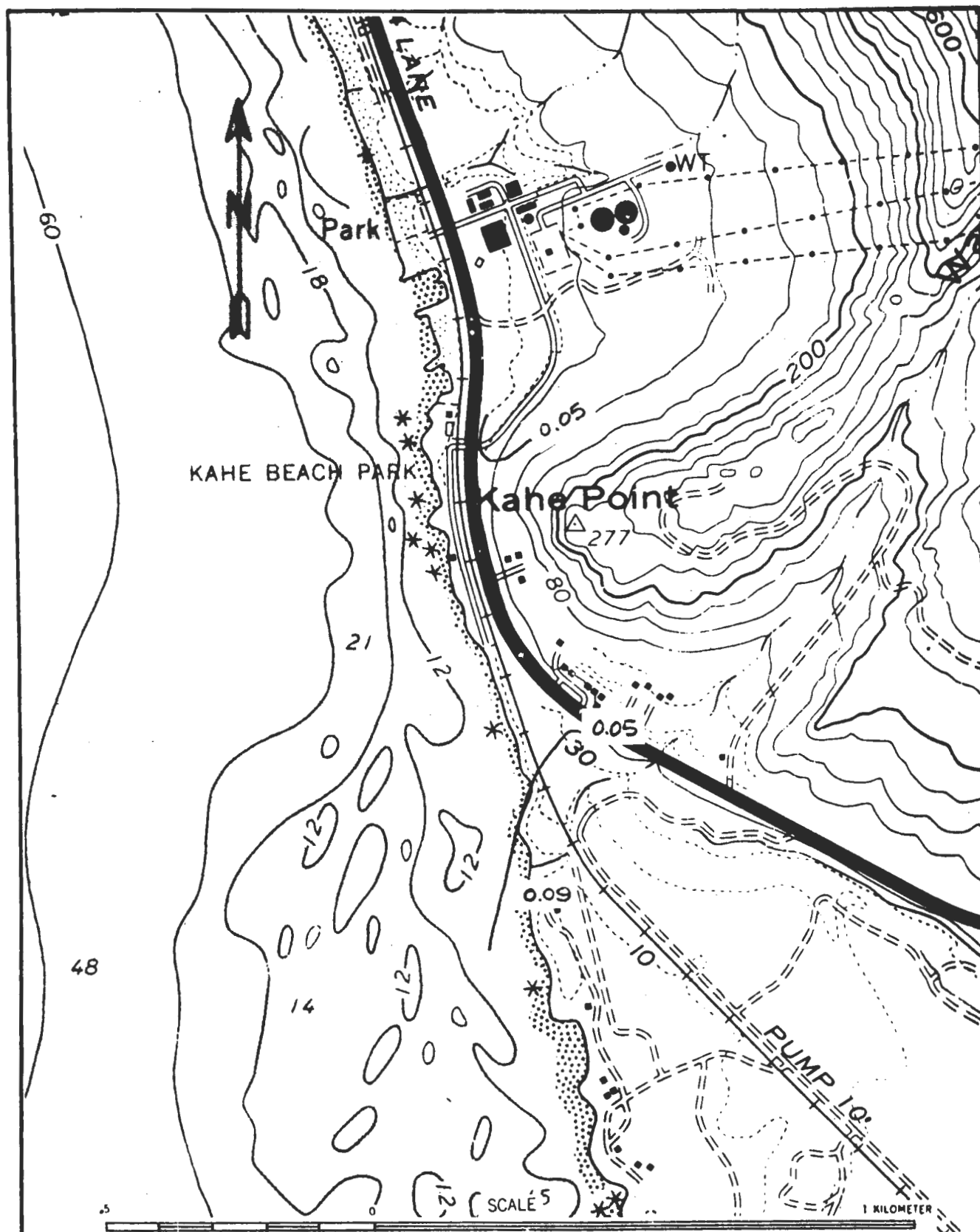
KAHE POWER PLANT Model Study

Figure B243
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 73



KAHE POWER PLANT Model Study

Figure B244
PROTOTYPE CONCENTRATION
at SURFACE (ppm)
Run 73



OPERATING CONDITIONS:

STACKS: Present 1C,5,6,7,8

Active 6

WIND: Direction 0°

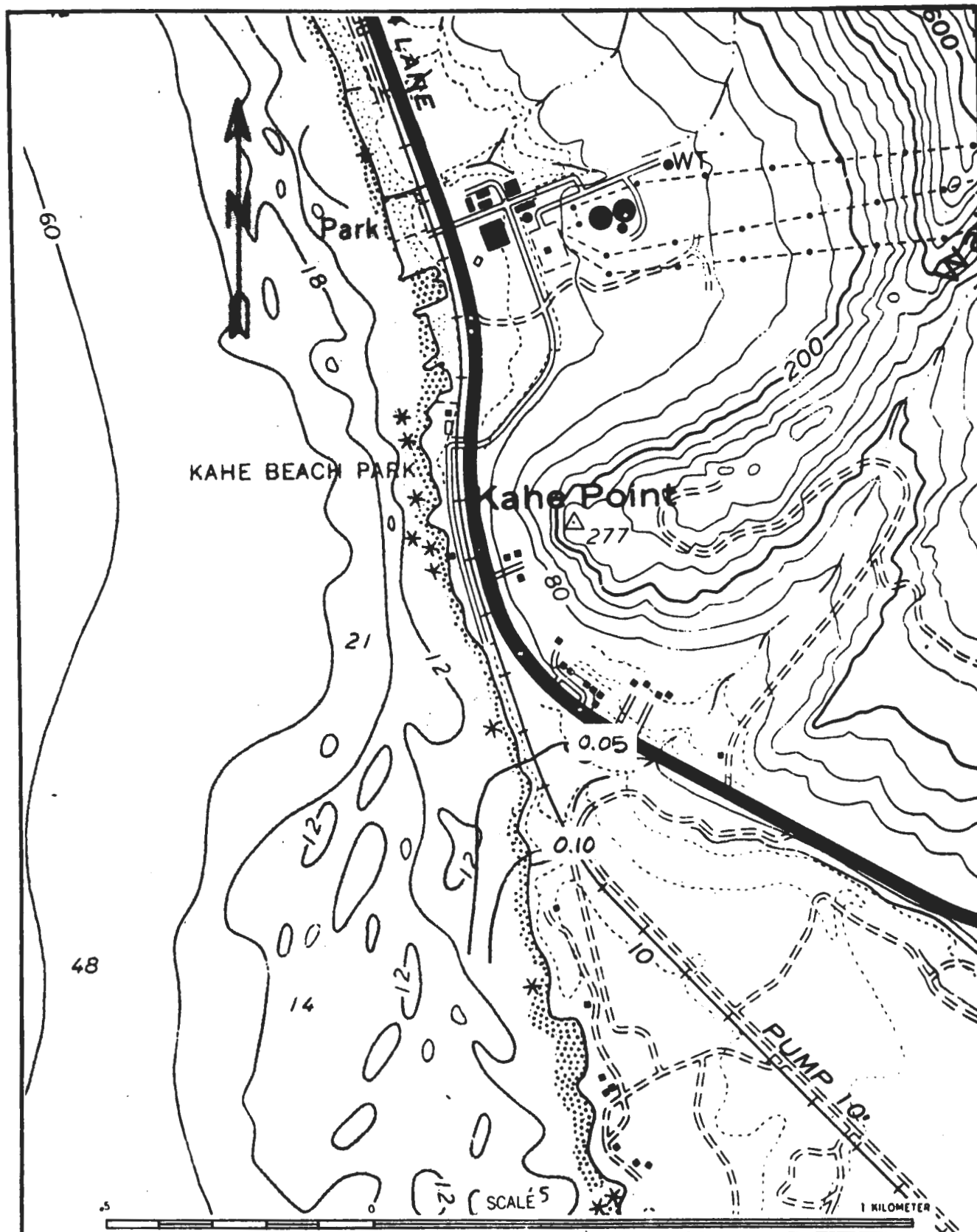
Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B245

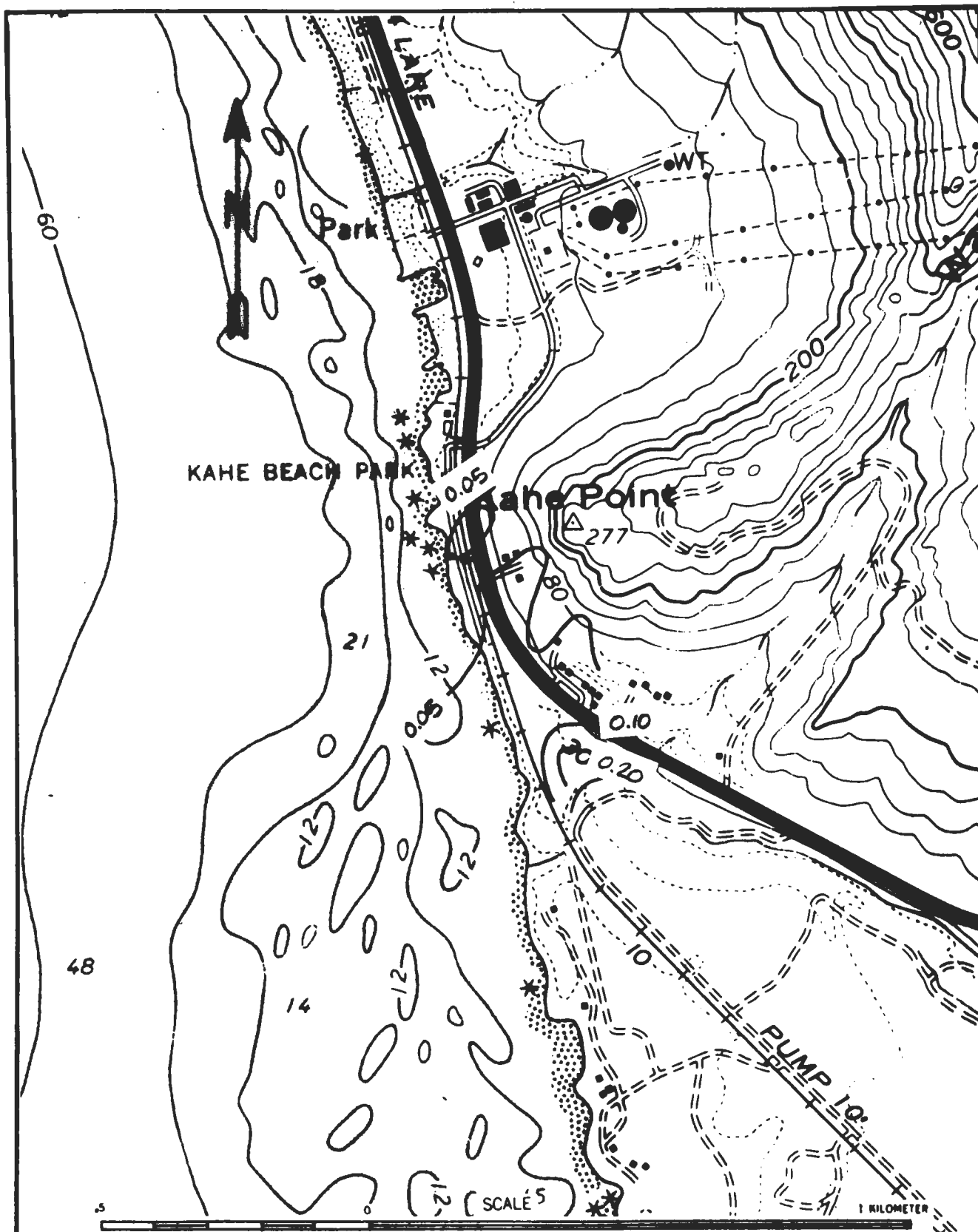
PROTOTYPE CONCENTRATION
at SURFACE (ppm)

Run 74



OPERATING CONDITIONS:
 STACKS: Present 1C,5,6,7,8
 Active 7
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study
 Figure B246
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 Run 74



OPERATING CONDITIONS

STACKS: Present 1C, 5-8
 Active 1C
 WIND: Direction 0°
 Velocity 13.4 m/s

KAHE POWER PLANT Model Study

Figure B248
 PROTOTYPE CONCENTRATION
 at SURFACE (ppm)
 RUN 74