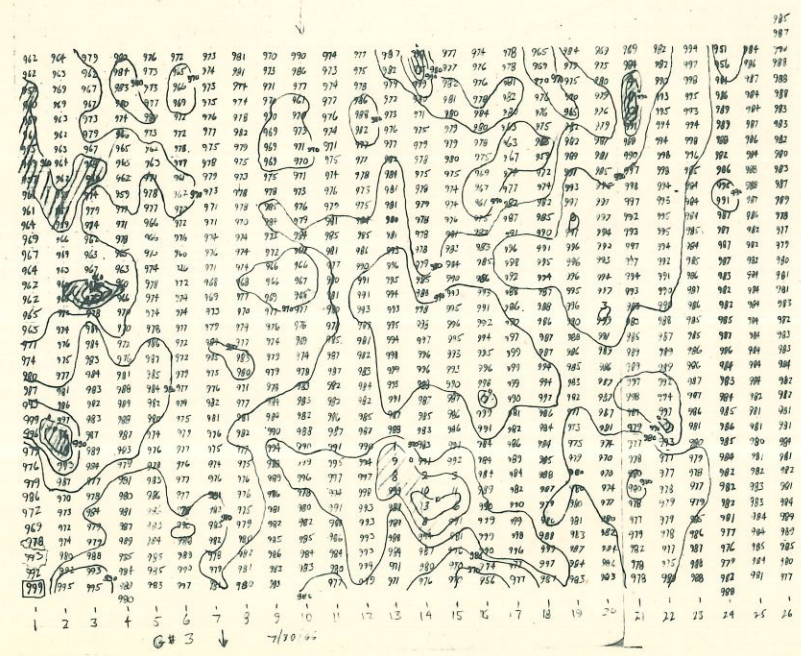


GRID #3

 Base reading 25 units lower than G#1

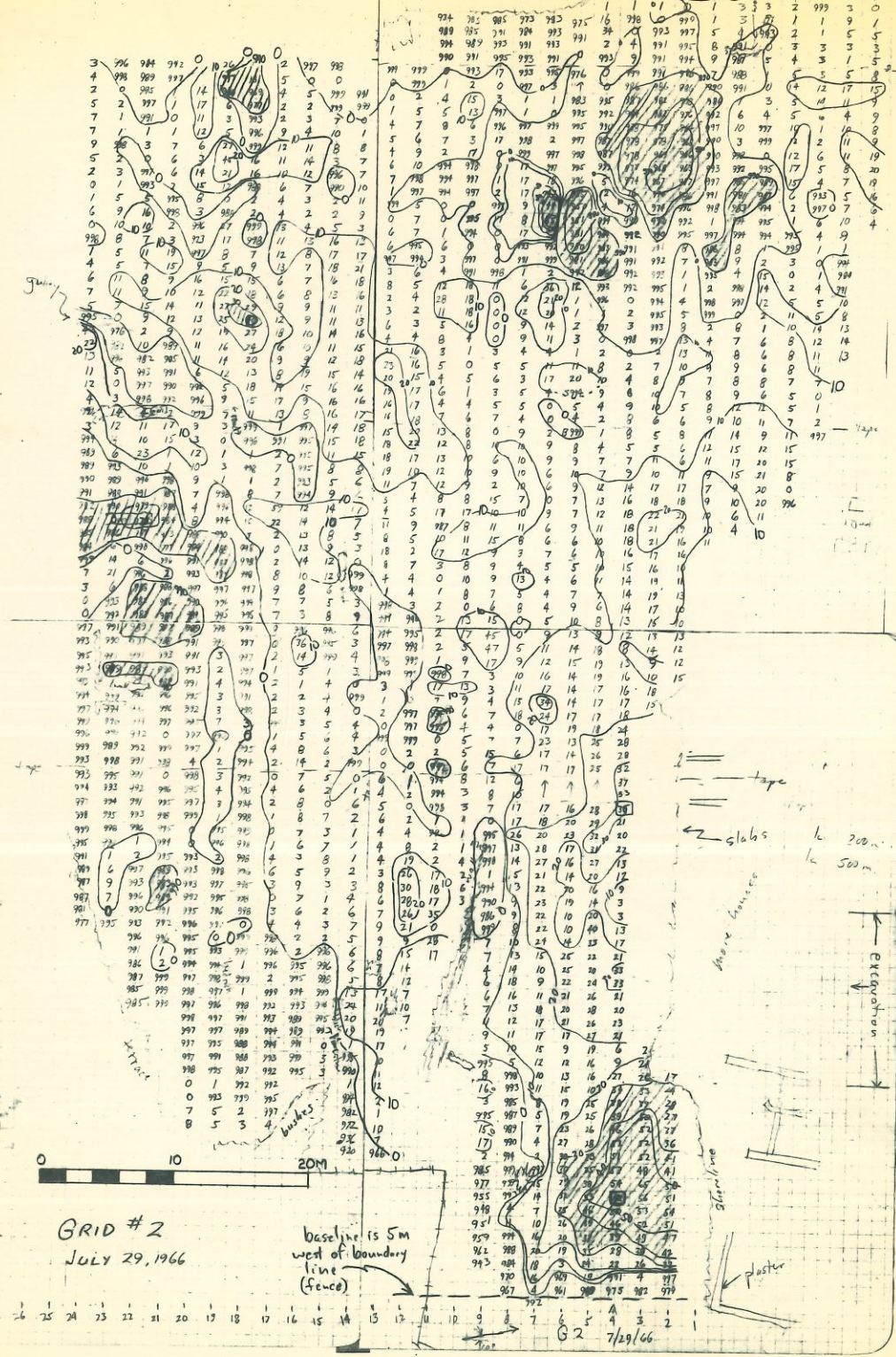
 0 10 20M

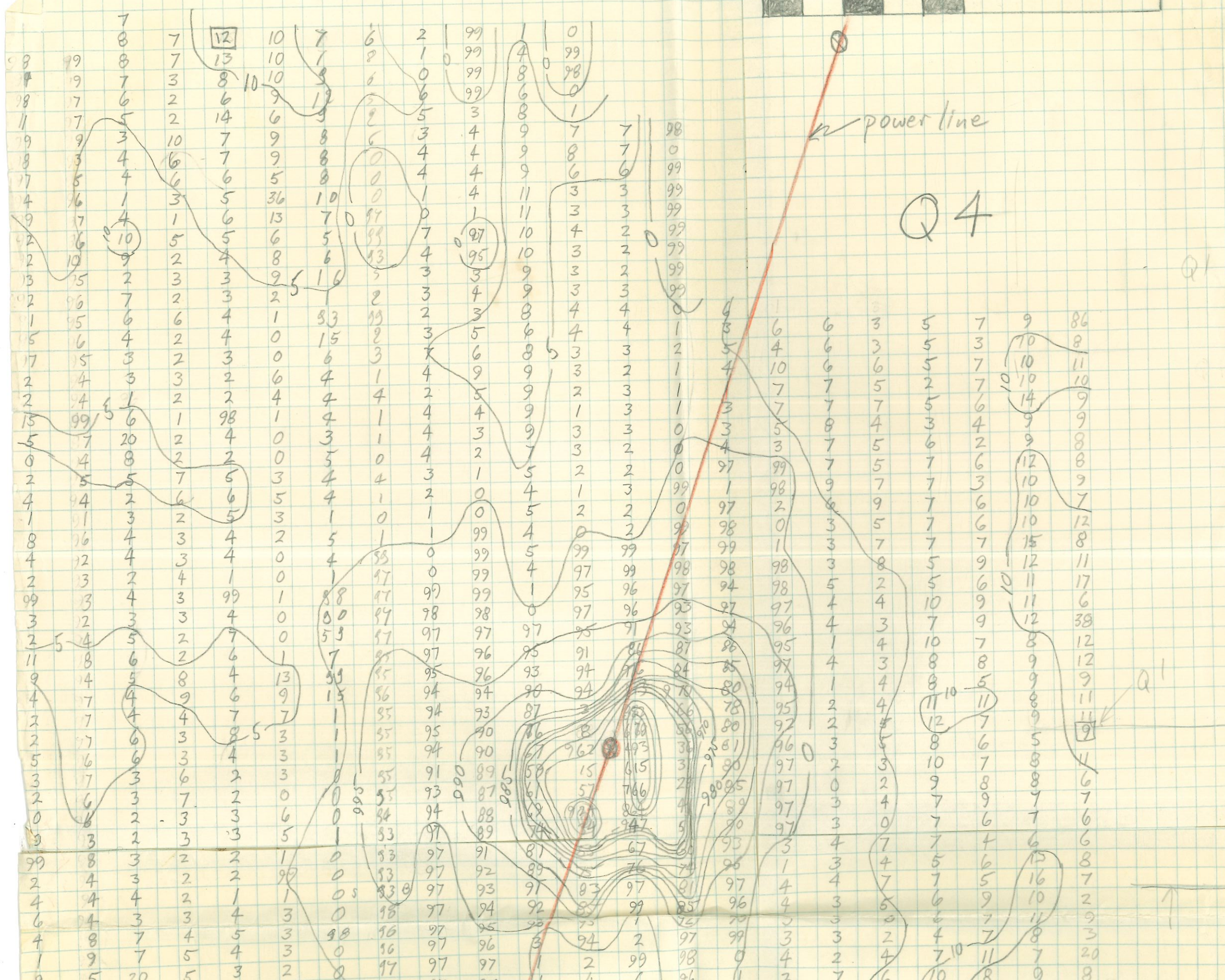
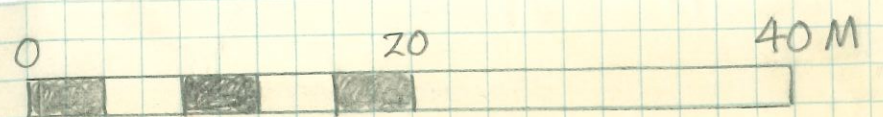


GRID #2

 July 29, 1966

 Baseline is 5m west of boundary line (fence)





power line

Q4

Q1

Q1



99	8	3	2	2	1	0	93	97	91	81	67	93	3	4	7	7	6	6	6
2	4	3	2	2	99	0	93	97	92	89	76	96	3	4	4	5	15	8	8
4	4	4	2	1	1	0	93	97	93	91	83	97	4	4	7	7	16	7	7
6	4	3	3	4	3	0	98	97	94	92	85	99	4	3	6	6	10	2	2
4	8	7	4	5	3	98	96	97	95	98	95	99	3	3	0	7	11	9	9
1	9	7	5	4	3	0	96	97	96	3	94	2	3	3	2	4	8	3	3
9	5	20	5	3	2	0	97	97	97	1	2	99	4	2	7	10	7	20	8
4	6	17	6	3	1	0	95	97	97	1	4	6	2	7	6	8	8	8	8
1	6	86	6	3	3	1	95	96	97	0	4	4	0	0	4	10	8	8	8
2	0	96	5	2	2	1	94	96	96	0	3	1	2	2	4	12	8	7	7
5	94	97	5	2	3	0	94	96	96	2	2	0	0	0	5	8	8	10	14
2	94	99	4	1	2	0	94	96	96	2	2	0	4	3	8	7	8	8	11
4	97	99	0	3	1	93	93	99	96	2	2	3	5	7	10	8	8	5	9
5	1	99	99	7	0	98	94	98	97	0	99	3	4	8	8	8	8	4	9
2	2	99	0	96	0	98	93	98	99	2	99	2	4	7	4	8	6	5	8
1	1	0	2	98	99	98	93	99	99	3	0	2	2	4	5	6	7	5	5
2	5	1	99	99	98	97	92	97	0	4	0	1	4	2	4	5	4	3	9
1	2	0	99	99	98	96	92	97	0	4	1	1	4	2	2	1	5	4	9
0	1	99	98	0	98	96	93	96	99	2	2	1	9	5	3	3	4	0	5
0	3	3	98	99	97	97	94	96	99	2	2	1	5	4	3	4	3	3	7
98	2	87	98	97	96	97	92	96	98	2	99	3	3	4	3	4	3	3	5
3	2	4	99	97	95	96	92	94	97	1	99	5	3	4	1	2	2	3	2
98	2	0	99	95	95	94	89	92	97	1	4	4	1	3	3	0	0	96	96
97	2	0	98	97	94	93	87	90	96	2	2	3	1	3	3	1	1	94	94
98	1	99	98	95	94	92	88	95	96	0	2	3	3	3	1	98	99	97	94
96	96	98	94	94	95	93	82	88	91	98	0	1	5	3	98	99	98	0	93
97	97	96	94	91	95	90	70	90	97	0	1	1	4	5	0	99	96	97	93
99	98	98	94	90	94	96	65	88	96	99	99	6	2	5	96	1	97	95	0
98	96	95	92	87	94	99	47	84	94	99	99	2	2	2	95	2	94	96	99
97	99	96	95	86	91	93	38	82	94	98	98	0	1	0	96	1	99	97	97
98	98	93	92	82	85	90	36	77	93	98	95	2	2	2	98	98	1	97	99
98	97	98	94	80	88	92	39	73	94	96	97	0	1	1	97	1	0	97	1
99	98	96	98	88	94	94	46	72	94	96	1	1	2	2	99	98	98	99	98
1	98	95	93	85	93	95	64	74	98	97	99	1	0	4	1	96	1	1	99
99	97	95	91	85	92	97	75	76	97	96	0	1	98	5	2	2	3	0	4
0	96	93	91	88	92	97	78	80	99	97	1	1	99	3	3	6	99	5	4
98	97	93	90	88	91	97	79	83	98	98	1	0	99	2	1	3	1	5	4
97	96	91	91	84	91	91	75	82	98	98	2	1	98	2	2	2	6	5	4
98	96	70	84	91	86	84	70	78	98	98	1	1	0	3	4	2	5	4	9
97	96	5	86	92	87	88	75	78	98	97	0	0	98	4	1	1	2	7	9
97	95	98	97	91	90	91	91	74	96	96	0	1	0	5	0	0	4	5	9
92	91	89	97	92	96	91	90	96	5	4	0	1	99	0	0	4	3	4	9
85	84	88	93	94	94	90	91	99	3	4	0	0	97	2	2	5	3	5	7
67	78	83	92	96	95	97	92	2	1	3	2	1	97	2	0	7	2	5	5
51	73	80	92	96	99	95	93	0	99	4	2	0	95	1	1	11	4	96	3
96	60	83	93	95	99	96	93	0	99	3	2	1	95	1	99	2	4	99	10
27	54	83	94	8	2	97	014	0	97	3	3	3	98	98	7	4	5	2	12
13	42	83	94	98	97	97	0	0	98	2	3	0	96	1	1	6	7	20	12
1	39	1	12	98	97	97	0	0	96	1	3	1	95	1	1	16	1	1	63
42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61



42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64

Q4 N↑

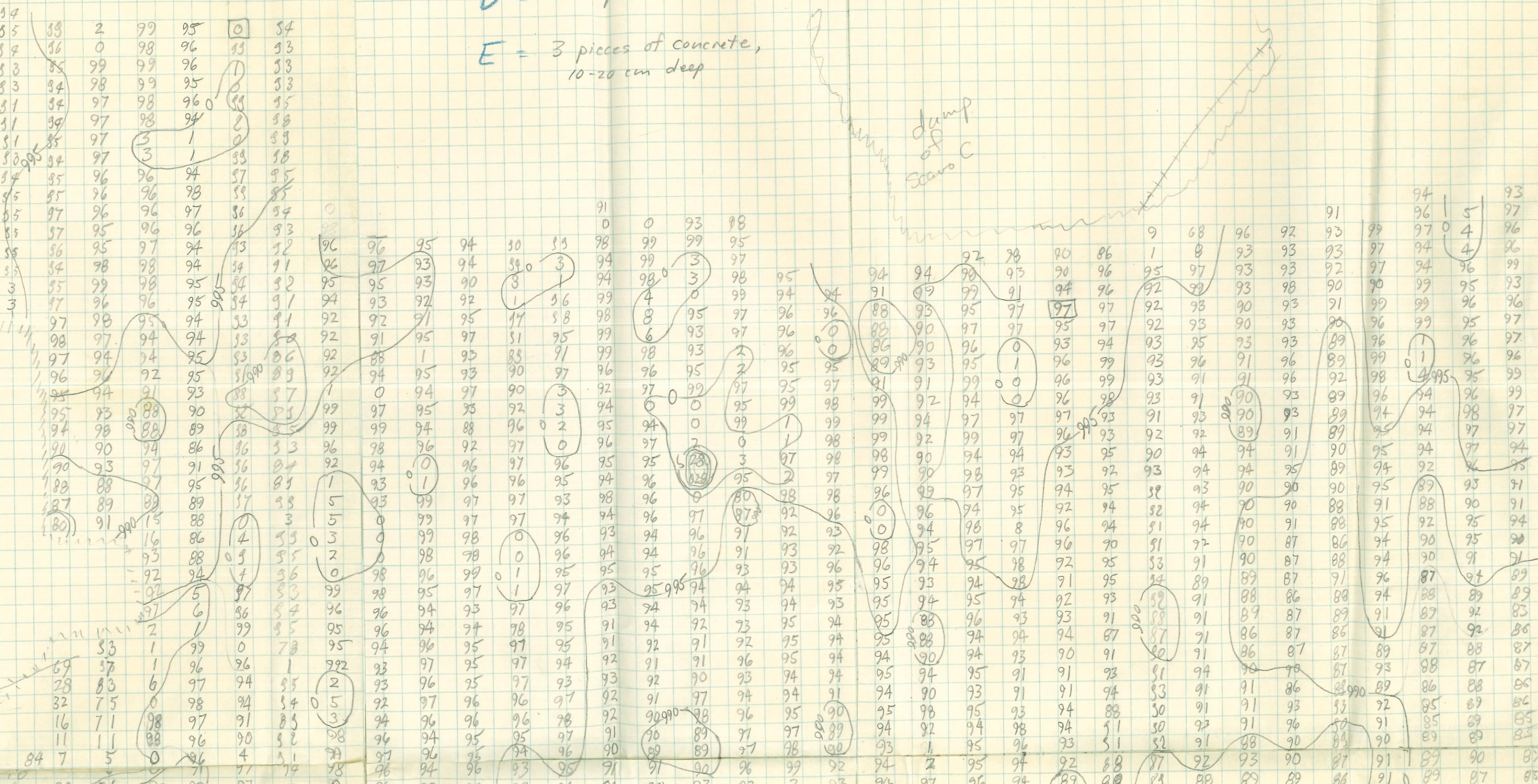
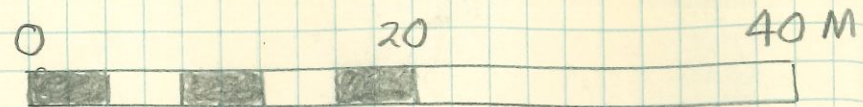
04 cont.

Q5

Test Pits

D = small piece of iron at 10 cm depth

E = 3 pieces of concrete, 10-20 cm deep



damp of Scaro C

94
96
5

97
94
4

96
94
4

99
97
4

95
99
4

96
94
4

97
94
4

98
94
4

99
94
4

100
94
4

64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87

SCAVO

Q5

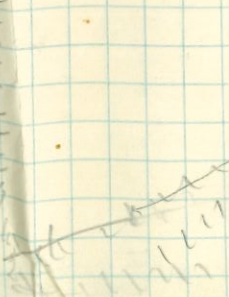
Test Pits

D = small piece of iron at

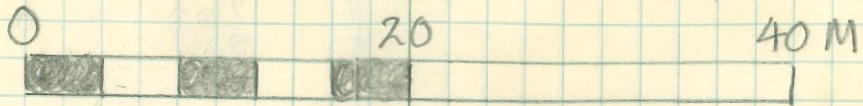
E = 3 pieces of concrete, 10-20 cm deep

48	82	27	22	73	97	83	94	83	85	97	3	1	0	89	85	96	96	97	94	94	94	95	95	94	30	89	98	0	0	93	98
4	76	69	92	73	75	85	94	84	85	97	3	1	88	88	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	95	
2	88	32	4	75	85	88	93	84	85	96	3	1	87	88	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
72	87	77	65	85	88	93	83	84	85	96	3	1	86	87	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
85	84	65	71	98	92	71	89	85	85	96	3	1	85	86	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
28	87	68	34	16	97	89	89	85	85	96	3	1	84	85	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
76	4	68	10	21	96	96	96	85	87	95	3	1	83	84	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
85	38	86	96	9	97	95	95	85	86	95	3	1	82	83	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
89	82	3	9	98	95	96	96	85	84	95	3	1	81	82	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
89	80	88	47	67	97	96	96	85	84	95	3	1	80	81	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
84	81	70	22	83	97	98	95	97	98	95	3	1	79	80	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
90	87	75	74	31	98	97	94	97	97	94	3	1	78	79	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
12	83	21	30	97	96	96	92	95	95	94	3	1	77	78	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
7	88	82	47	95	94	94	91	93	93	90	3	1	76	77	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
96	86	86	17	95	94	94	91	93	93	90	3	1	75	76	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
95	83	6	15	94	94	94	91	93	93	90	3	1	74	75	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
99	85	13	14	90	94	94	91	93	93	90	3	1	73	74	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
97	0	20	82	90	94	94	91	93	93	90	3	1	72	73	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
96	3	32	60	90	94	94	91	93	93	90	3	1	71	72	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
94	2	22	1	88	94	94	91	93	93	90	3	1	70	71	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
94	85	3	35	87	94	94	91	93	93	90	3	1	69	70	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
94	87	0	58	80	94	94	91	93	93	90	3	1	68	69	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
92	87	90	37	80	94	94	91	93	93	90	3	1	67	68	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
90	85	89	72	80	94	94	91	93	93	90	3	1	66	67	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
92	91	89	43	80	94	94	91	93	93	90	3	1	65	66	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
93	88	88	32	80	94	94	91	93	93	90	3	1	64	65	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
93	88	88	36	80	94	94	91	93	93	90	3	1	63	64	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
92	88	86	4	80	94	94	91	93	93	90	3	1	62	63	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
91	88	85	13	80	94	94	91	93	93	90	3	1	61	62	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
91	87	87	58	80	94	94	91	93	93	90	3	1	60	61	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
91	87	88	62	80	94	94	91	93	93	90	3	1	59	60	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
91	87	88	62	80	94	94	91	93	93	90	3	1	58	59	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
93	87	94	12	80	94	94	91	93	93	90	3	1	57	58	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
87	80	91	98	80	94	94	91	93	93	90	3	1	56	57	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
87	81	21	35	80	94	94	91	93	93	90	3	1	55	56	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	
85	88	78	18	80	94	94	91	93	93	90	3	1	54	55	96	96	96	96	94	94	94	94	96	96	95	94	94	99	99	97	

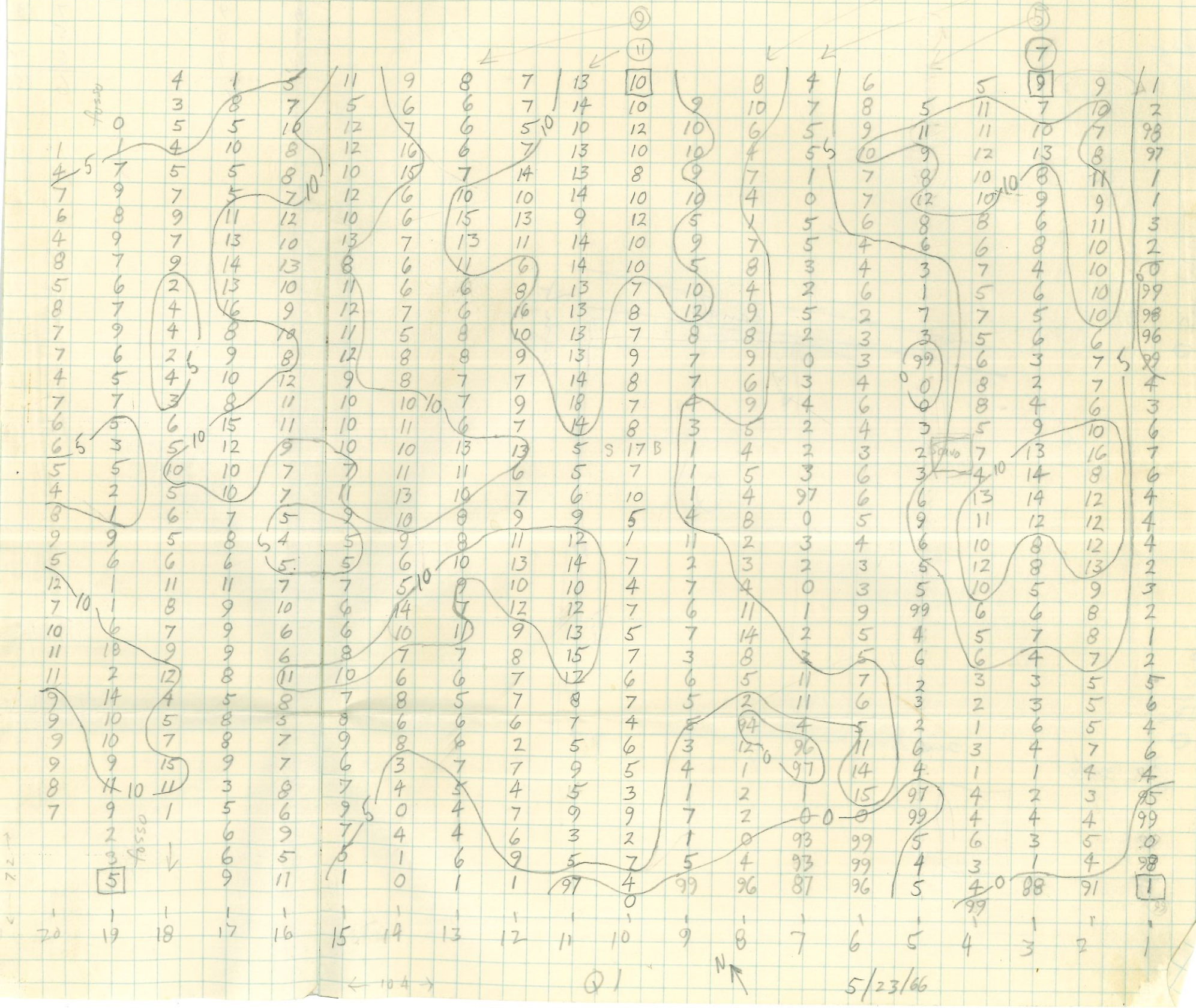
SCAVO

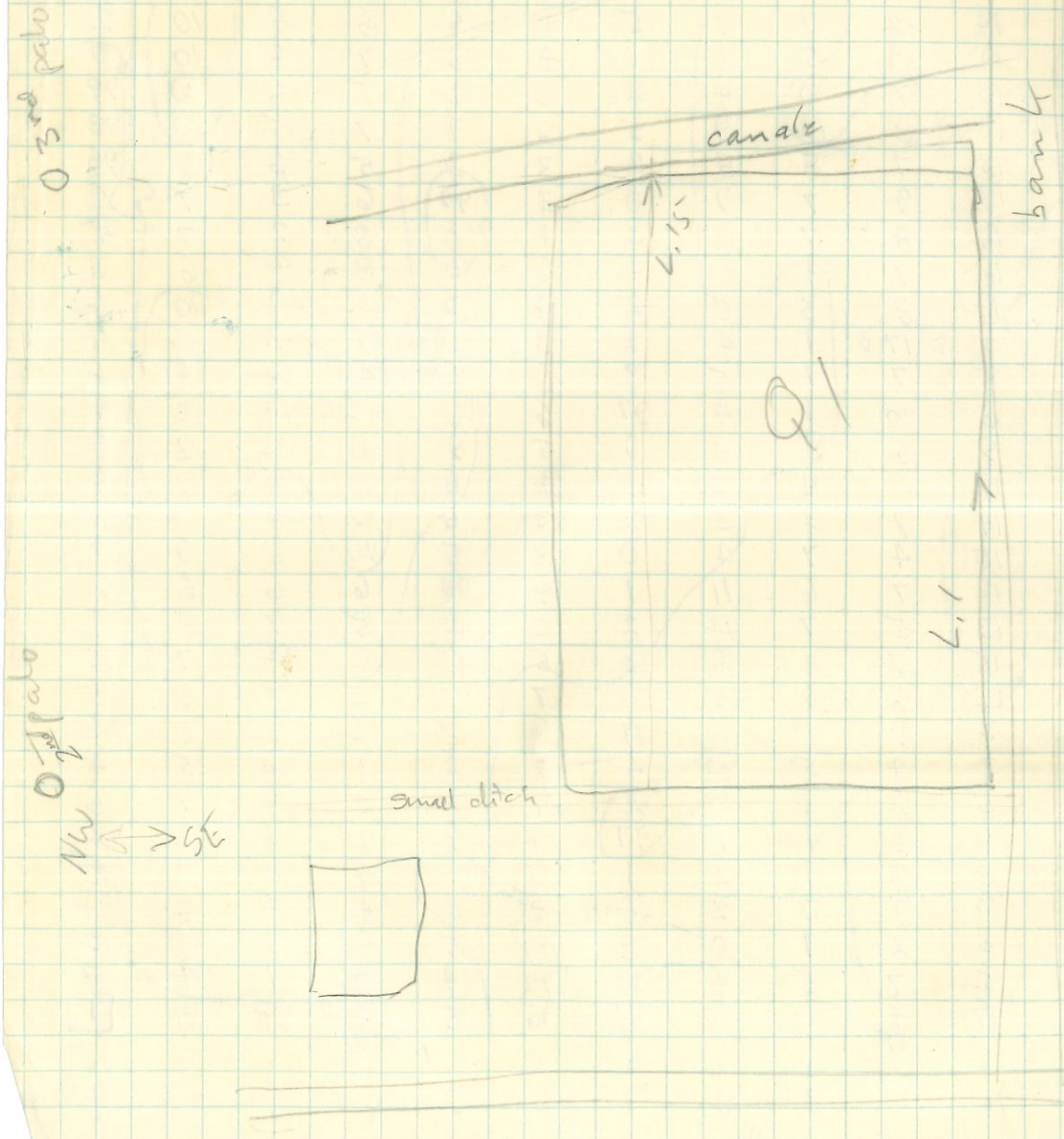


95



Q1





1	7	+1	2	
2	6	0	4	
3	6	0	5	1
4	9	+2	7	3
5	9	+2	5	1
6	6	0	6	2
7	7	+1	5	1
8	9	+2	7	3
9	8	+1	5	1
10	7	+1	6	2
	7	10	6	15

Porto
Cheli

02

over wall at
grid level

99	1
97	
97	
95	
95	
92	
89	
87	
83	①

wall

over wall
~40 cm high

94	93
91	87
91	91
90	96
87	98
73	97
64	0
69	99
78	98
90	
95	
97	

②

94961 / 1398

③

④

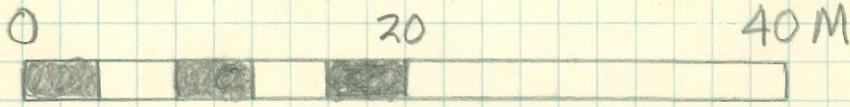
sumps

(Fe)

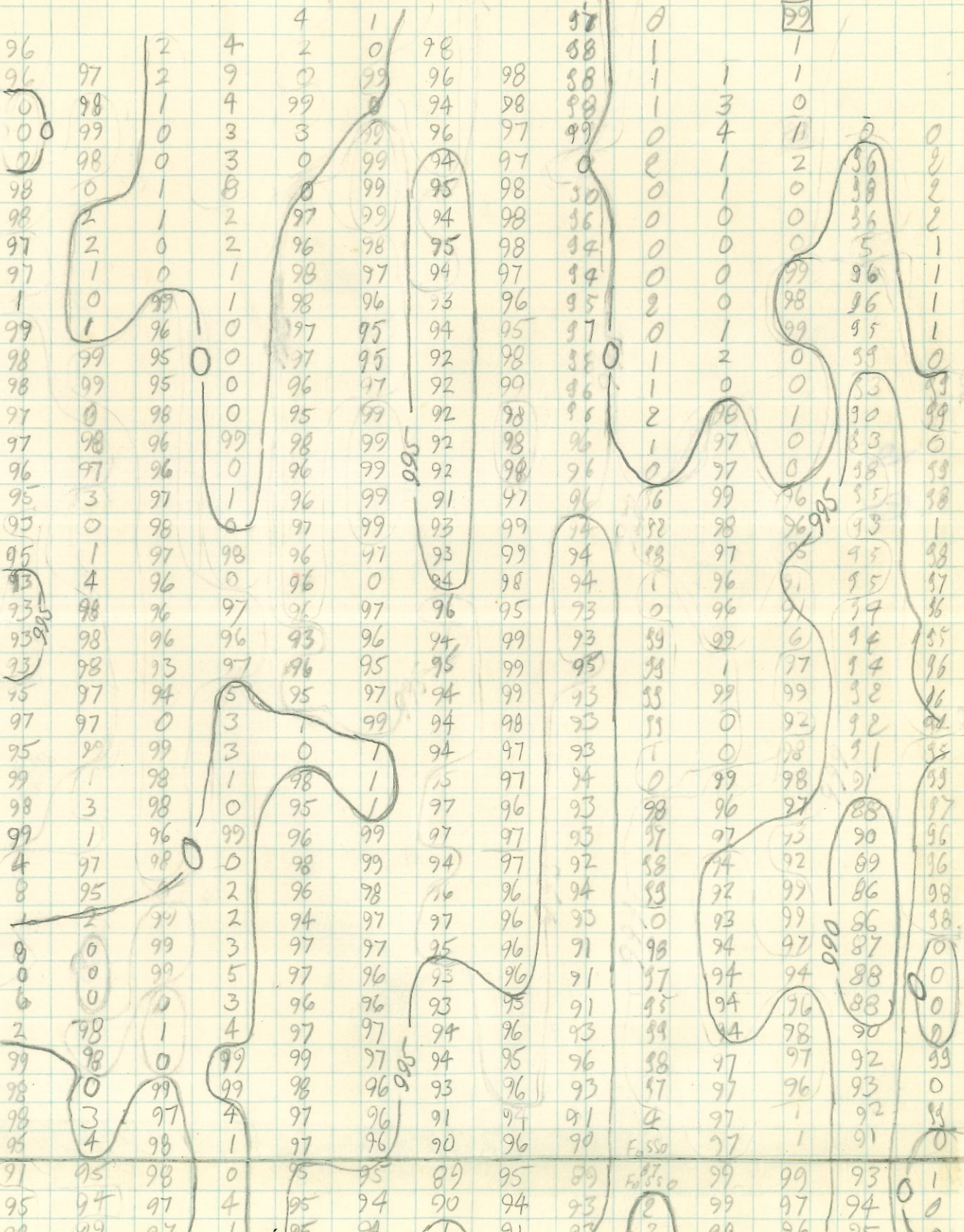


Q6

64 65 66 67 68 69 70 71 72 73 74 75 76 77 78



Q6



98	3	97	4	97	96	91	94	91	2	97	92	99	
95	4	98	1	97	96	90	96	90	F. 550	97	1	91	0
91	95	98	0	95	95	89	95	89	F. 570	99	99	93	1
95	94	97	4	95	94	90	94	93	2	99	97	94	0
98	99	97	1	95	94	1	91	93	3	98	96	95	0
93	98	2	1	95	94	89	94	94	1	98	96	95	4
96	99	3	1	94	99	91	95	93	2	99	95	95	10
91	0	99	0	98	2	93	96	0	1	99	96	95	0
92	99	98	1	0	2	96	97	97	0	99	0	95	35
89	98	96	9	1	99	97	97	97	1	97	98	96	33
99	98	97	2	99	99	97	99	99	94	96	98	99	5
95	99	4	1	96	1	97	98	97	93	94	0	92	12
95	94	97	5	99	1	97	98	97	97	95	0	93	33
93	93	97	4	98	98	97	97	97	97	95	0	92	12
89	92	91	4	88	98	97	0	96	97	95	99	91	35
79	0			89	97	97	98	96	7	95	99	98	97
				90	95	98	98	95	10	95	0	3	97
				95	96	97	96	94	1	95	94	99	9
				93	94	97	95	95	0	95	96	91	4
				93	96	96	96	95	98	96	97	91	94
				38	95	96	97	93	38	98	-23	0	94
				98	2	95	99	96	0	0	0	96	16
				90	94	95	78	99	3	2	26	99	97
				88	94	96	0	95	2	2	9	+	98
				89	94	97	2	+	18/66	2	25	72	98
				99	97	96	98	1	3	1	17	93	97
				95	96	97	98	4	3	2	26	93	96
				97	96	95	98	3	1	0	95	93	95
				92	96	95	91	1	0	94	20	95	94
				92	97	95	99	99	4	25	98	95	94
				91	97	97	125	98	1	99	93	96	96
				94	2	97	3	99	0	0	98	97	91
				99	97	97	1	99	2	99	94	97	93
				76	95	90	9	99	2	98	89	97	97
				65	93	96	96	2	6	98	96	95	2
				93	97	93	91	97	0	97	95	97	1
				86	95	94	92	98	97	95	94	99	1
				95	93	90	33	96	1	0	92	0	94
				2	93	90	23	96	0	99	94	98	0
				92	93	88	99	96	0	99	94	98	0
				92	89	3	97	1	8	95	95	98	0
				91	85	96	98	0	99	96	97	97	97
				91	86	95	95	0	99	96	0	94	97
					96	94	94	1	0	96	0	95	99
													1
													3
													4

SCAVO
NISAIA

F O Test Pit =
burned earth,
stone, & a
few shreds

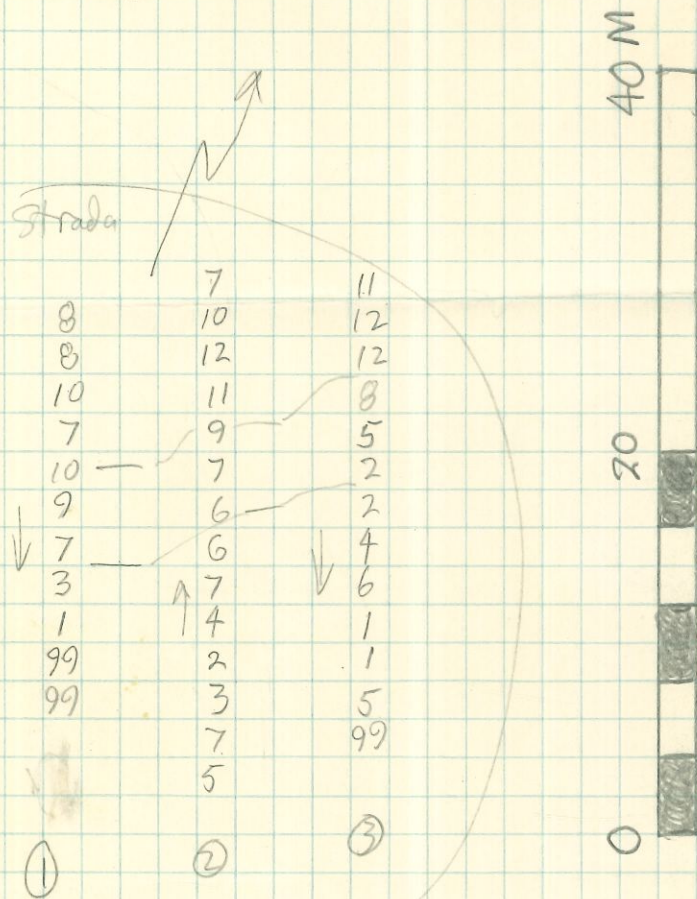
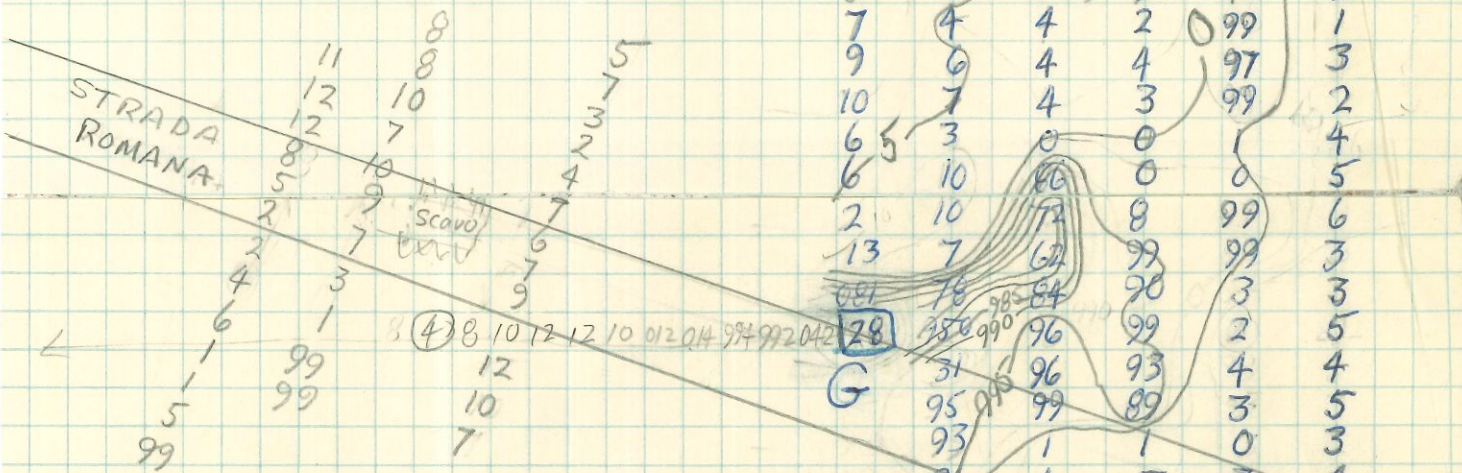
SELE

Cs Magnetometer
Grids

Q 7

Q7

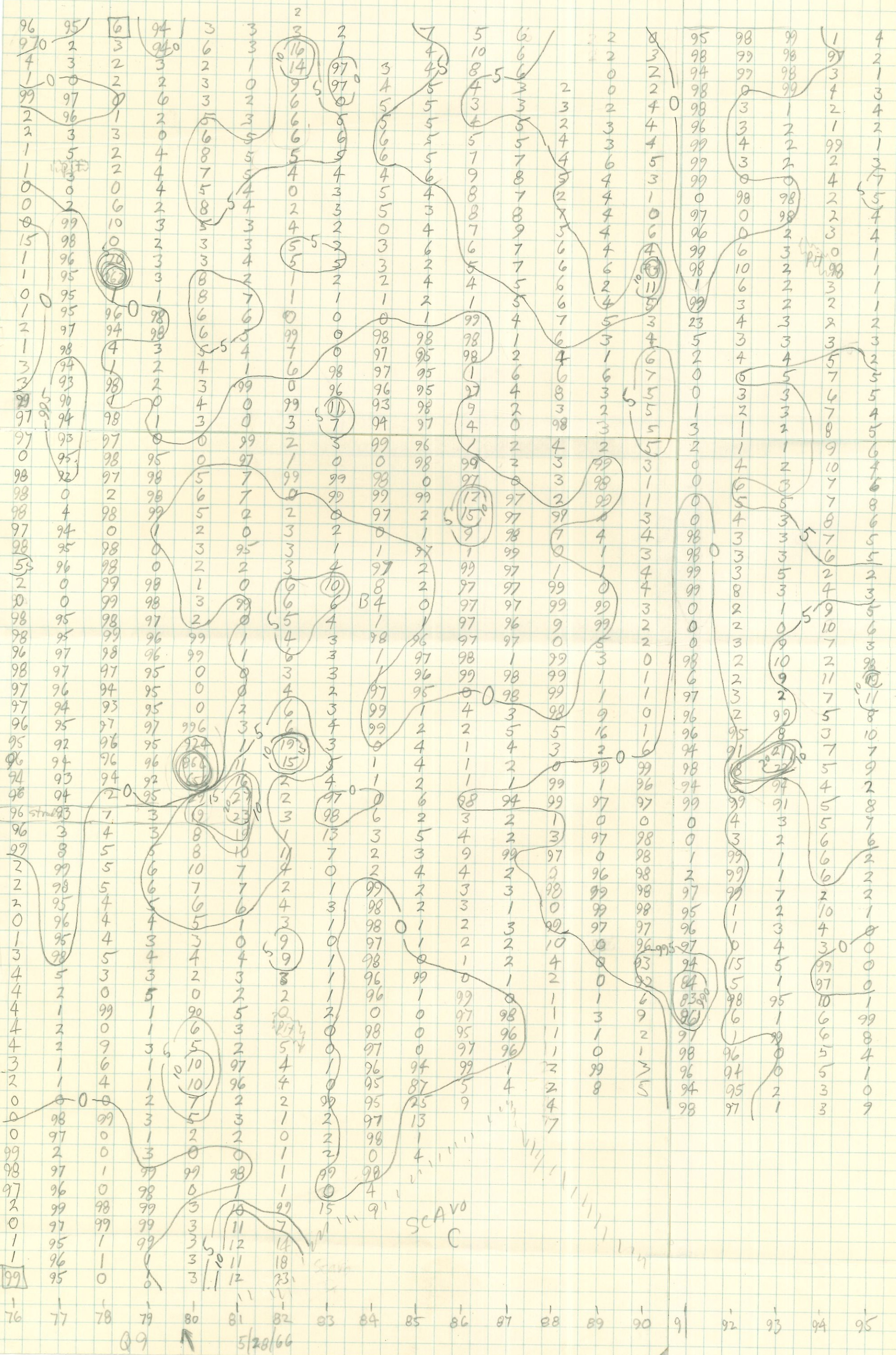
Base reading of this grid is not related to the others. Also, readings are too variable to draw the contours properly.



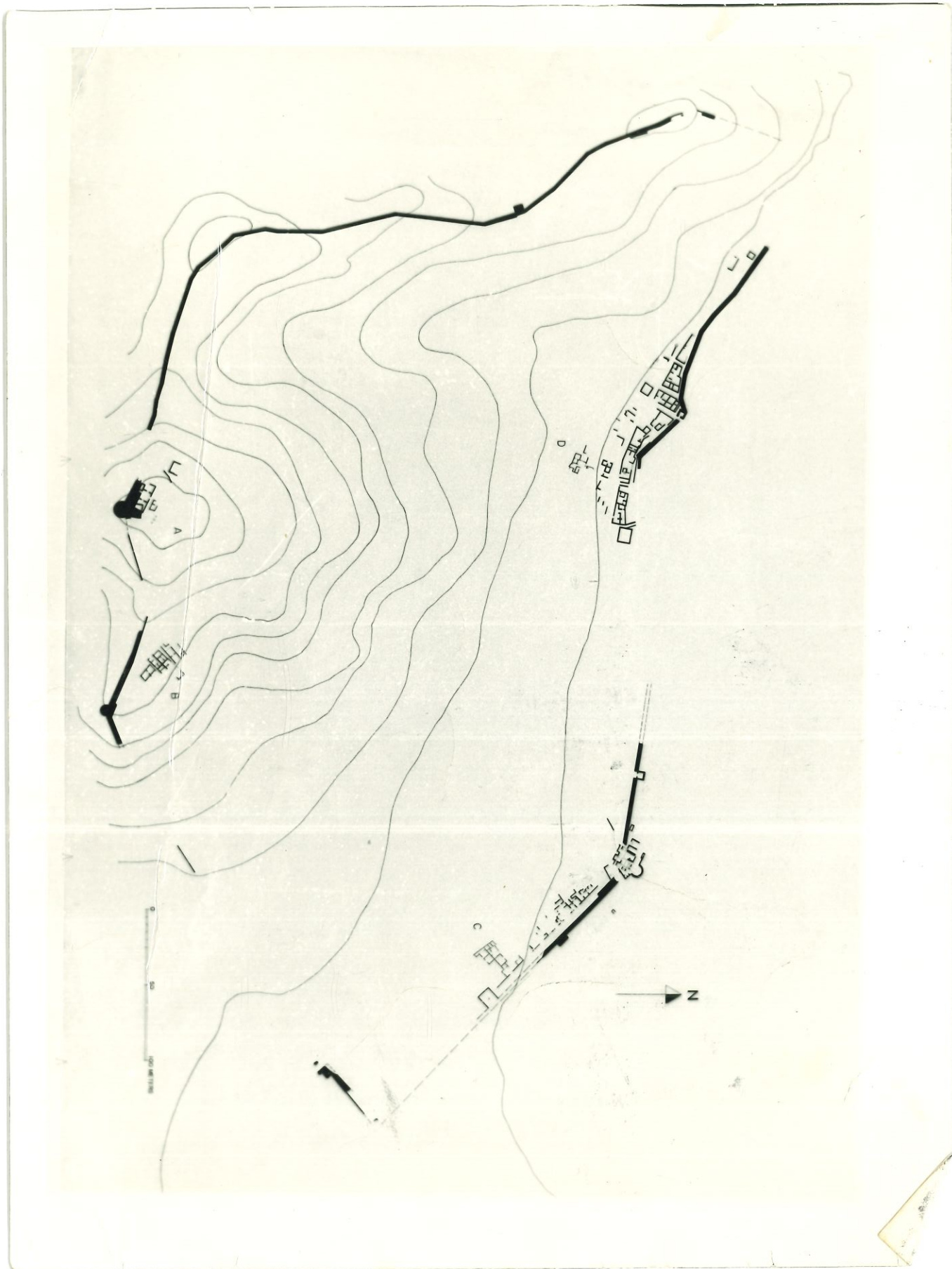
Test Pit
 G = black at edge of road
 burned earth
 (Cause of strong magnetic anomaly not located, but must be iron)

3	10	96	9	9
10	978	5	6	86
3	4	5	99	26
5	4	3	1	4
3	0	2	3	98
5	5	0	1	97
2	99	6	97	3
4	4	3	2	0
3	5	4	2	10
9	6	4	2	6
6	7	7	2	4
8	5	4	6	1
5	6	4	7	2
7	4	5	2	1
9	6	4	3	3
10	7	4	4	2
6	3	0	0	4
6	10	0	8	5
2	10	8	99	6
13	7	99	99	3
68	78	98	3	3
28	31	96	2	5
G	95	96	4	4
	93	99	0	3
	91	1	3	4
	7	4	4	3
	15	5	4	3
	6	6	4	1
	5	6	4	10
	5	3	4	15
	8	2	0	9
	7	4	4	10
	9	2	3	1
	4	3	2	3
	1	5	7	8
	2	8	6	11
	2	9	5	6
	97	1	95	6
	2	3	6	5
	2	5	5	8
	6	6	2	8
	6	3	1	10
	7	3	5	10
	4	3	5	7
	2	5	5	3
	2	0	4	3
	1	15	5	5
	6	6	6	9
	2	7	5	7
	5	9	4	6
	4	7	2	5
	7	8	4	4
	6	8	3	3
	4	5	2	6
	6	6	2	5
	2	6	2	7
	2	0	2	6
	1	5	4	9
	8	3	4	7
	5	6	5	3
	5	7	8	8
	9	9	5	10
	9	6	7	9
	8	7	6	9
	9	4	9	6

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0	87	96	93	95	91	2	94	94	98	99	82	86	89	86	86	87	87	87	98
8	81	98	94	94	89	3	94	94</											



SCAVO C



Porto-Cheli Survey

EXCAVATIONS AT PORTO -CHELI

Excavations at Porto Cheli in the Argolid, August-September, 1962, by John Young of John Hopkins University and Michael H. Jameson and Charles K. Williams of the University of Pennsylvania.

The Site: a small, classical town on the south side of an almost completely enclosed deep-water harbour (some 1000 by 1500 m.), in the water and on the slopes of a low hill (50 m.) (Plate 89a). The site is virtually undisturbed.

Previous Study: for identification with Halieis, founded by refugees from Tiryns, see Svoronos, ΔΕΝΑ 10 (1907) and Bölte in *RE*, s.v. Graves outside the town investigated by A. Philadelphus in 1909, and by Nicholas Verdelis in 1958 and 1959. The city walls were mapped provisionally by N. Verdelis and C. K. Williams in 1959.

Historical evidence: Tirynthians expelled from Tiryns after 479 B.C. (Plataea, where Tirynthians served) and settled at Halieis before the attack of the Athenians in 459, repulsed by Epidaurians and Corinthians (cf. Erechtheid casualty list, *I.G.*, I², 929). Captured by Spartan Aneristos with a single merchantship before 430. Athenian raids in 430, 425. Treaty with Athens in 423 and acceptance of Athenian garrison. Ally of Sparta in 394, 374, and 370. Coinage in silver and bronze with the legend «Tirynthioi» in fourth century. Abandoned by the time of Pausanias.

Archaeological evidence: Five weeks of excavation in 1962 have shown that the life of the town need begin no earlier than a foundation date in the second quarter of the fifth century, and extends no later than the end of the fourth century B.C. Identification as Halieis confirmed by the high proportion of the rare «Tirynthioi» bronze coins found. Four areas and portions of the city walls were investigated.

1. Acropolis—the summit of the low hill on the south side of the town. A small open-air shrine with two altars (Plate 90b) and a statue base, many votives (bronze and silver jewelry, terracottas of females and riders, fragments of armour, a few lead wreaths of Laconian type and an unusual lead representation of Heracles carrying the tripod, many miniature cups, and the fragment of a marble perirranteion with part of a dedicatory inscription). The shrine seems to have been used in the fifth century and probably belonged to Hera, the goddess on the acropolis at Tiryns.

A few pockets of Early Helladic pottery.

2. A public and residential area near where the eastern line of the city walls meets the sea. A simple rectangular building (ca. 10 m. square), perhaps a bouleuterion. Among the smaller buildings nearby, a handsome dining room (Plate 90a) with well-preserved cement floor and white and red painted plaster walls. A number of fine Attic red figure sherds of the fifth century and a fourth century bell krater. Traces of at least one religious area to the east.

3. A residential area in the west part of town near the present shore line, with other houses and a street visible in the water. The larger part of one house was cleared. It contained at least four rooms and a kitchen with a well, hearth, and other working arrangements (Plate 89b). Outside the house an oil press with dip basin.

4. Two-thirds of the way up the north-east slope of the acropolis, three buildings just inside the city walls.

a) presumably dye-works with cement floor, three vats sunk into the floor and a careful arrangement of channels and levels, and cuttings for a press.

b) a house with traces of domestic cult but also showing some industrial use (quantities of lead).

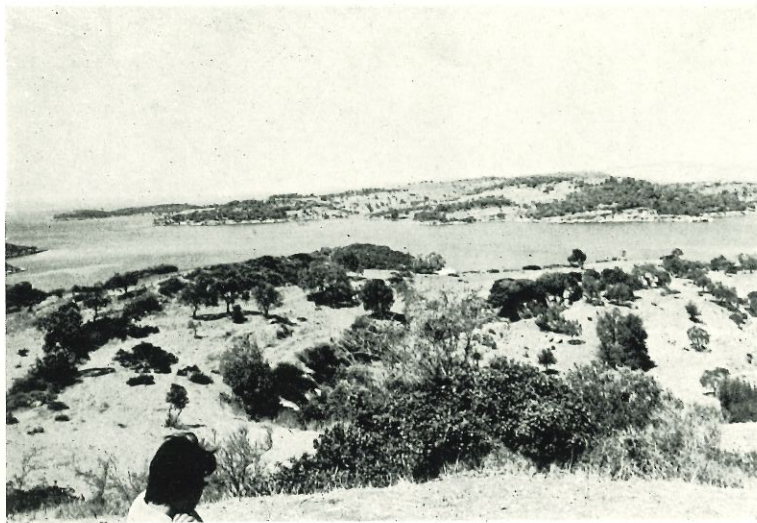
c) possibly a ware-house. Pottery *in situ* under a layer of burnt matter proves of fourth century date for its destruction, the probable date for the abandonment of all other areas (except the acropolis shrine).

5. City Walls. The foundations for two circular towers of mudbrick were cleared, one near area 4 (Plate 89c), dye-works, and a larger one on the south side of the acropolis, where curved coping blocks in limestone protected the mudbrick. Three distinct building periods were found, of which the later two show the use of grey and red mudbrick respectively, sections of which are unusually well preserved.

A topographic plan of the whole city area has been completed.

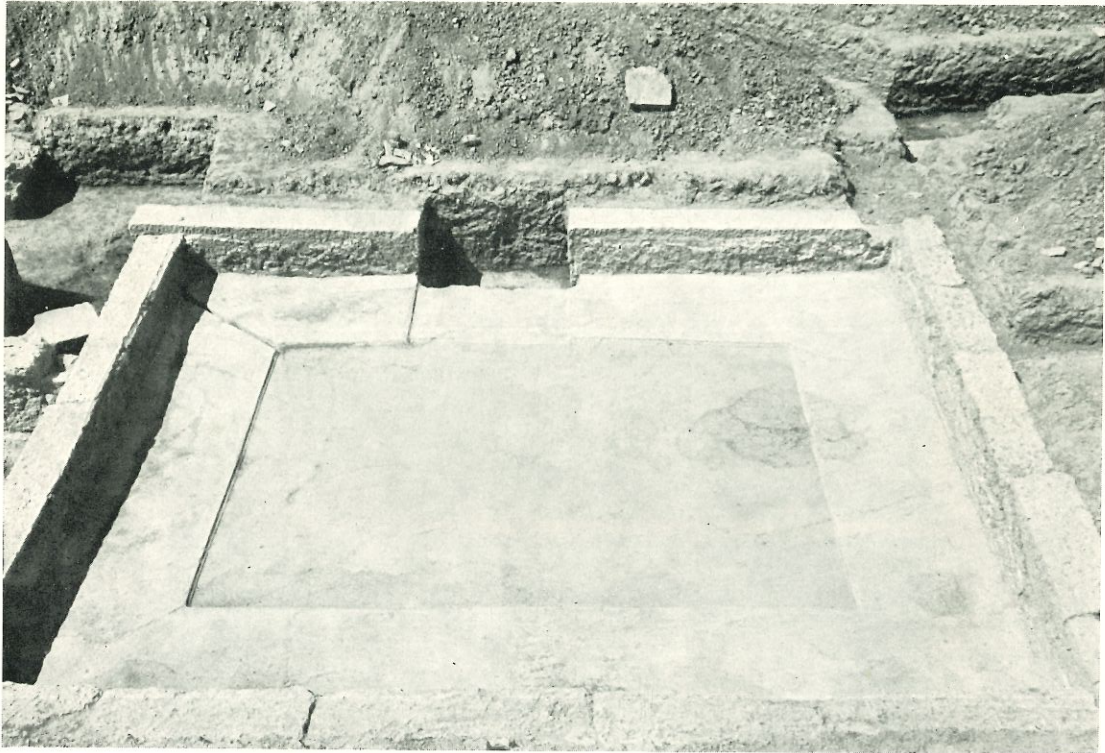
It is anticipated that further campaigns at this site will provide important results for the history of the Argolid in the fifth and fourth centuries and for the plan and architectural form of a provincial city of the classical period.

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Porto Cheli : a. Harbor Entrance from Acropolis, b. Area (3). Kitchen of House, left: hearth area, right: well - head, c. Area (4). Semi-circular tower

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Porto Cheli : a. Area (2). Dining Room, b. Acropolis sanctuary, two altars—left and center—and coping blocks from tower

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