

ZOUTPANSDRIEF

See Cadastral Sheet No.2

<u>Unit</u>	<u>Old Numbers</u>	<u>Area Wa</u>	<u>Owner</u>	<u>Use</u>	<u>Nett</u>
36	63,195,196,263	12,6236	TH.Wenhold	7	1911
37	64	12,8477	Govt	8	2184
38	65,197,198	11,6801	JA.Ras	8	2184
39	66,204	9,6859	JA.de Wet	5	1365
40	67,142	8,3299	G.G.Kerk	-	-
41	68	3,8929	JMJ.Ras	3	819
42	69	5,3875	GJJ.v Vuuren	4	1092
43	73	2,8907	2 Owners	2	546
44	74,75,110	4,8707	JMJ.Ras	1	273
45	76	1,7702	5 Owners	-	-
46	77,205,206	0,8565	W.Meule	-	-
47	78	0,1784	5 Owners	-	-
48	79	0,1056	N.Behrens	-	-
49	80	0,1385	3 Owners	-	-
50	81	0,1670	TH.Wenhold	-	-
51	82	0,0671	JMJ.Ras	-	-
52	83	1,1163	5 Owners	-	-
53	85	5,2262	HT.Esterhuizen	4	1092
54	89,91,234	10,2655	GJ.du Plessis	7	1911
55	97,244	29,9403	Govt	16+ $\frac{1}{2}$	4530
56	101	23,3896	HL.Standen	8	2184
57	102	3,3376	TH.Wenhold	2	546
58	105	33,8325	CJH.Kruger	12	3277
59	106	50,5811	TH.Wenhold	-	-
60	108	2,1584	JMJ.Ras	1	273
61	112,209	2,2640	2 Owners	1	273
62	113,117,118,210	32,1081	QA.dos Santos	16	4369
63	114,119	6,0586	AD.Theron	2	546
64	115	4,3197	JO.Ellis	3	819
65	121,123	41,9309	GJ.v Staden	26	7100
66	125,164	3,8036	JMJ.Ras	3	819
67	133	21,0403	2 Owners	14	3823
68	134	115,8839	5 Owners	-	-
69	136	17,9869	Govt	12	3277
70	138	50,6016	Bergoewer	-	-

ZOUTPANSDRIFT
Sec Cadastral Sheet No.2

<u>Unit</u>	<u>Old Numbers</u>	<u>AreaHa</u>	<u>Owner</u>	<u>Use</u>	<u>Nett</u>
71	139	50,6331	FJ.Kloppers	-	-
72	140	50,5945	JA.Ras	-	-
73	141	2,2912	MJ.Swart	-	-
74	143	20,1152	Govt	7	1911
75	144,322	40,7089	HM.Grobler	33	9011
76	145	33,8624	MJ.de Beer	24	6554
77	146	47,4083	5 Owners	8	2184
78	151,350	22,7792	JJ.Hatting	14	3823
79	152,155	25,2688	JJ.Fourie	18	4915
80	153,212,213	19,8044	MHO.Oberholzer	15+ $\frac{1}{2}$	4257
81	154	16,4527	GF.Nagel	8	2184
82	156	4,8822	RCJ.v Wyk	3+ $\frac{1}{2}$	980
83	157	30,6930	FJ.Botha	19	5188
84	158	30,3847	AMH.Moller	18	4915
85	161	15,0961	CH.Fourie	9	2459
86	162	23,8369	JW.du Plessis	15	4096
87	163	14,9677	Govt	12	3277
88	165,260	25,5285	SPF.Potgieter	14	3823
89	166	2,1404	DJH.Swanepoel	2	546
90	199	13,6758	PC.Minnaar	9	2458
91	202,203,338	10,5053	TH.Wenhold	6	1638
92	207	17,1304	SJ.Kruger	10	2731
93	208	10,3011	PARC.v Wyk	7	1911
94	214	40,4468	EW.Funcke	-	-
95	215	46,1202	JL.Otto	-	-
96	216	30,2705	2 Owners	-	-
97	217,245	24,3322	JC.du Plessis	7	1911
98	218,308	19,7360	GJ.du Plessis	17	4642
99	219,262,240	15,1396	GLFW.du Plessis	15	4096
100	220	20,5836	JD.du Plessis	13	3550
101	221,233	35,5028	JA.du Plessis	14	3823
102	222	61,7502	JD.du Plessis	-	-
103	226	30,6323	BF.Moller	18+ $\frac{1}{2}$	4995
104	227	36,2436	NL.Meyer	30	8192
105	228	28,9821	BJ.Stander	15	4096

ZOUTPANSDRIFTSee Cadastral Sheet No.2

Unit	Old Numbers	Area Ha	Owner	Use	Nett
106	230-232	8,5009	GLFW.du Plessis	7	1911
107	235	19,5024	JIJ.v Rensburg	13	3550
108	236	19,7522	3 Owners	13	3550
109	237	19,5528	FJ.Kloppers	13+ $\frac{1}{4}$	3630
110	238	8,0510	JC.du Plessis	3	819
111	239	10,1914	MS.Swanepoel	9	2458
112	242	11,1473	JA.Pretorius	6+2	2281
113	243	19,7045	GLFW.du Plessis	10	2731
114	246	12,6009	PC.Calitz	8	2184
115	247	21,4130	AP.Swanepoel	12	3277
116	248	12,9989	AA.Pretorius	7	1911
117	249	15,4863	NM.Pretorius	12	3277
118	250	63,2095	IJ.Meyer	17	4642
119	251,252,305	168,7770	DJ.du Plessis	55+1	15341
120	253	11,3273	HM.Grotler	4	1092
121	254,330	29,4724	WGJ.v.d Bank	27	7372
122	255	17,1304	SM.v.d Merwe	14	3823
123	257	10,2782	HA.Brits	8	2184
124	258	21,4252	BJ.Stander	12	3277
125	259	14,2762	CJH.Kruger	7+ $\frac{1}{2}$	2072
126	288	9,3995	FJL.Pretorius	8	2184
127	289	9,3850	EA.Snyman	7	1911
128	290	25,3811	WJ.Strydom	14	3823
129	291	10,2782	2 Owners	7	1911
130	293	10,3626	2 Owners	10	2731
131	295	10,3019	HA.Brits	10	2731
132	296	1,2144	HA.Brits	-	-
133	297,299,301,302	54,3214	PJ.Meyer	45	12288
134	303	11,9836	CJ.v Aswegen	10	2731
135	310	18,3546	PJ.Lowens	14	3823
136	311	11,5095	Govt	10	2731
137	312	11,1346	MJ.Marthuis	8	2184
138	313,314	26,2476	F.du Plessis	20	5461
139	315	53,6227	JNC.du Plessis	14	3823
140	321	16,8402	Govt	11+ $\frac{1}{4}$	3083

ZOUTPANSDRIFTSee Cadastral Sheet No.2

<u>Unit</u>	<u>Old Numbers</u>	<u>Area H.</u>	<u>Owner</u>	<u>Use</u>	<u>Nett</u>
141	324	42,5115	MJ.Potgieter	11	3003
142	325	20,9847	Govt	14	3823
143	326	25,4232	PA.Strydom	18	4915
144	331	16,9162	CL.v Zyl	11	3003
145	332	18,4527	2 Owners	10	2731
146	333	2,0803	Govt	1	273
147	335	15,1062	DA.de Beer	15	4096
148	341	49,9464	HM.Grobler	42	11469
149	342	24,6186	CL.Schlebusch	21	5734
150	345	13,1001	AA.Pretorius	8	2184
151	346	21,1525	E.Marsh	9+ $\frac{1}{4}$	2538

APPENDIX 'C'ZOUTPANSDRIFT

See Cadastral Sheet No.3

Numbers refer to Cadastral Sheet No.2, Consolidation.

Government owned land

1,6,21,24,37,55,69,74,87,136,140,142,146.

Total area of the above 448,1840 12% of original farm

Multiple ownership of units8,10,14,15,16,18,19,20,22,29,30,43,45,47,49,52,61,67,68,
77,96,108,129,130,145.

Total area of the above 474,2318 12% of original farm

Non-adjoining units owned by the same persons

<u>Owner</u>	<u>Unit No.</u>	<u>Total Area</u>	<u>Total Use</u>
GJH.Kruger	3,58,125	83,5516	29+ $\frac{1}{2}$
JC.du Plessis	9,97,110	66,0354	27
GLFW.du Plessis	11,99,106,113	49,9547	33
JL.Otto	28,95	135,9946	0
FJ.Kloppers	33,71,109	96,9378	25+ $\frac{1}{2}$
TH.Wenhold	36,50,57,59,91	77,2146	15
JA.Ras	38,72	62,2746	8
JMJ.Ras	41,44,51,60,66	14,7927	8
GJ.du Plessis	54,98	30,0015	24
HM.Grobler	75,120,148	101,9826	79
JD.du Plessis	100,102	82,3338	13
BJ.Stander	105,124	50,4073	27
AA.Pretorius	116,150	26,0990	15
HA.Brits	123,131,132	21,7935	18

Total area of the above 899,3737 23% of original farm

Outspans

26, portion of 102.

APPENDIX 'D'ZOUTPANSDRIFTSee Cadastral Sheet No.4

<u>Unit</u>	<u>Consolidation No.</u>	<u>Use</u>	<u>Owner</u>	<u>Use</u> <u>Own</u>	<u>%</u> <u>Ara</u>	<u>%</u> <u>A.O</u>	<u>Nett</u>
1	1,27,141	46	HJ.Potgieter	11	13	24	6324
2	2,36,101,147	58	FB.Wenhold	22	49	38	7974
3	3,58,61-64,73,120	48	CJH.Kruger	29+ $\frac{1}{2}$	38	61	6599
4	5,144	44	WJ.Schlebusch	33	76	75	6049
5	4,6-8	58	GAJ.Mostert	17	78	29	7974
6	9,53,54,98,146	46	GJ.du Plessis	24	65	52	6324
7	99,100,107,108,110	57	GLFW.du Plessis	33	68	58	7836
8	23-25,74,77	47	JCJ.Herbert	18	33	38	6462
9	31,55,56	53+ $\frac{1}{2}$	PG.Anker	29	48	54	7447
10	35,111	42+1	PJV.Jooste	33+1	75	79	6096
11	26,65,78,123,129	55	GJ.v Staden	26	58	47	7561
12	75,85,150	50	HM.Grobler	37	73	74	6874
13	148	42	HM.Grobler	42	84	100	5774
14	76,116,117,142	57	MJ.de Beer	24	68	42	7836
15	79-82,140	55+1 $\frac{1}{2}$	JJ.Fourie	18	68	32	7964
16	83,84,103	55+ $\frac{1}{2}$	FJ.Botha	19	53	34	7642
17	29,30,86,126, 127,151	60+ $\frac{3}{4}$	JW.du Plessis	15	58	25	8490
18	131,133	55	PJ.Meyer	45	85	82	7561
19	134,145,149	41	OL.Schlebusch	21	74	51	5637
20	104,122,130,132	54	NL.Meyer	30	83	56	7424
21	105,109,124,125	47+ $\frac{3}{4}$	BJ.Stander	27	57	57	6703
22	32-34,115	43	PJ.Kloppers	25+ $\frac{1}{4}$	45	59	5912
23	119	55+1	DJ.du Plessis	55+1	33	100	7883
24	67,69,118,135	57	IJ.Meyer	17	47	30	7836
25	68,136,138,139	44	F.du Plessis	20	21	45	6049
26	87,92,93,97,114	44	JC.du Plessis	27	55	61	6049
27	121,143	45	WGJ.v.d Bank	27	82	60	6187
28	88,89,112,113,128	46+2	SPF.Potgieter	14	57	29	6967
29	18,19,37-39,43, 90,91	52	PC.Minnaar	9	50	17	7149
30	10-12,44,45,60, 66,106	37	DAM.v Staden	5	57	14	5087
31	13-17,20,22,41, 42,57	39	L.du Plessis	8	42	21	5362
				<u>Average</u>	<u>58</u>	<u>50</u>	

APPENDIX 'E'ZOUTPANSDRIFTSee Cadastral Sheet No. 5

Unit	Consolidation No.	Use	Owner	Use Own	% Area	% A.O	Nett
1	1	27	Govt	27	10	100	5932
2	2,36	29	FB.Wenhold	22	43	76	6372
3	3,73,61-63	29	QA.dos Santos	16	37	55	6372
4	4,6	34	GAJ.Mostert	17	87	50	7470
5	5	33	WJ.Schlebusch	33	81	100	7251
6	58,64,120,144	30	CJH.Kruger	29+ $\frac{1}{2}$	45	98	6592
7	8,25	31	AP.Barber	13	55	42	6811
8	9,53,54,146	29	JG.du Plessis	27	57	93	6372
9	134,149	31	CL.Schlebusch	21	85	68	6811
10	148	42	HM.Grobler	42	84	100	9228
11	104,132,145	40	NL.Meyer	30	72	75	8789
12	133	45	PJ.Meyer	45	83	100	9887
13	7,26,78,123	28	JJ.Hatting	14	56	50	6152
14	65,129	33	GJ.v Staden	26	63	79	7251
15	122,130,131	34	SM.v.d Merwe	14	90	41	7470
16	23,24,74	26	JGJ.Herbert	18	40	69	5713
17	75	33	HM.Grobler	33	81	100	7251
18	76,77	32	MJ.de Beer	24	39	75	7031
19	85,142,150	31	CH.Fourie	9	63	29	6811
20	79,82,116	28+ $\frac{1}{2}$	JJ.Fourie	18	66	63	6313
21	89,121	29	WGJ.v.d Bank	27	92	93	6372
22	80,117	27+ $\frac{1}{2}$	MHO.Oberholzer	15+ $\frac{1}{2}$	78	56	6093
23	29,86,151	35+ $\frac{1}{2}$	JW.du Plessis	15	49	43	7771
24	30,81,126,127,140	35+ $\frac{1}{2}$	GF.Nagel	8	54	23	7851
25	83,103	37+ $\frac{1}{2}$	FJ.Botha	19	61	51	8210
26	84,143	36	PA.Strydom	18	52	50	7910
27	55,128	30+ $\frac{1}{2}$	WJ.Strydom	14	55	46	6752
28	88,112,113	30+2	SPF.Potgieter	14	57	44	7235
29	31,56	37	FG.Anker	29	46	78	8130
30	87,92,93	29	SJ.Kruger	10	68	34	6372
31	97,114,115	27	AP.Swanepoel	12	73	44	5932
32	35	33+1	PJV.Jooste	33+1	72	100	7572
33	32-34	31	SB.Strydom	13	42	42	6811
34	105,124,125	34+ $\frac{1}{2}$	BJ.Stander	27	53	79	7631
35	108,109	26+ $\frac{1}{2}$	FJ.Kloppers	13+ $\frac{1}{2}$	67	50	5793

ZOUTPANSDRIEFSee Cadastral Sheet No.5

<u>Unit</u>	<u>Consolidation No.</u>	<u>Use</u>	<u>Owner</u>	<u>Use</u> <u>Own</u>	<u>%</u> <u>Area</u>	<u>%</u> <u>A.O</u>	<u>Nett</u>
36	98,99	32	GI.W.du Plessis	33	91	103	7031
37	100,110,111	25	JD.du Plessis	13	64	52	5493
38	101,107	27	JA.du Plessis	14	49	52	5932
39	37,38,147	31	DA.de Bear	15	78	48	6811
40	18,19,39,90,91	34	TH.Wenhold	15	45	44	7470
41	15-17,41-43	29	SJ.Pretorius	14	71	48	6372
42	10-12,44,45,60,66	30	DAM.v Staden	5	54	17	6592
43	13,14,20,22,106	33	L.du Plessis	8	56	24	7251
44	27,67,141	33	MJ.Potgieter	11	31	33	7251
45	119	55+1	DJ.du Plessis	55+1	33	100	12406
46	69,135,136	36	PJ.Lowens	14	75	39	7910
47	137,138	28	FJ.du Plessis	20	75	71	6152
48	68,118,139	31	IJ.Meyer	17	13	55	6811
<u>Average</u>					60	62	

APPENDIX 'F'

ZOUTPANSDRIFT

See Cadastral Sheet No.6

Unit	Consolidation No.	Use	Owner	Use Own	% Ara	% A.O	Nett
1	1	27	Govt	27	10	100	7373
2	2	22	FB.Wenhold	22	40	100	6008
3	5	33	WJ.Schlebusch	33	81	100	9011
4	31	29	PG.Anker	29	50	100	7919
5	35	33+1	PJV.Jooste	33+1	72	100	9333
6	65	26	GJ.v Staden	26	62	100	7100
7	75	33	HM.Grobler	33	81	100	9011
8	76	24	MJ.de Beer	24	71	100	6554
9	104	30	NL.Meyer	30	83	100	8192
10	119	55+1	DJ.du Plessis	55+1	33	100	15340
11	121	27	WGJ.v.d Bank	27	92	100	7373
12	133	45	PJ.Meyer	45	83	100	12288
13	148	42	HM.Grobler	42	84	100	11469
14	58,63,64,144	32	OJH.Kruger	29+1	52	92	8738
15	9,53,54	28	JC.du Plessis	27	57	96	7646
16	99,100	28	GLFW.du Plessis	33	78	118	7646
17	108,109	26+1	FJ.Kloppers	25+1	67	96	7180
18	10,98	36	GJ.du Plessis	24	73	67	9831
19	105,110,111	27	BJ.Stander	27	57	100	7373
20	101,107	27	JA.du Plessis	14	49	52	7373
21	3,61,62,73	27	QA.dos Santos	16	37	59	7373
22	27,141	19+3	MJ.Potgieter	11	24	50	6008
23	67,69	26-3	Govt	12	71	52	6281
24	135,136	24	PJ.Lowens	14	80	58	6554
25	137,138	28	F.du Plessis	20	75	71	7646
26	68,118,139	31	IJ.Meyer	17	13	55	8465
27	149	21	CL.Schlebusch	21	85	100	5734
28	132,134,145	20	GJ.v Aswegen	10	63	50	5461
29	4,20	22	GAJ.Mostert	17	61	77	6008
30	6,7	23	Govt	17	83	74	6281
31	26,78,123	22	JJ.Hatting	14	52	64	6008
32	23,77	26	JCJ.Herbert	18	28	69	7100
33	8,24,74	26	Govt	8	53	31	7100
34	122,129-131	41	SM.v.d Merwe	14	85	34	11196
35	25,97,146	21	AP.Barber	13	38	62	5734

ZOUTPANSDRIFT

See Cadastral Sheet No.6

Unit	Consolidation No.	Use	Owner	Use	%	%	Nett
				Own	Ara	A.O	
36	115,124,125	31+ $\frac{1}{2}$	AP.Swanepoel	12	55	38	8626
37	34,114	21	SB.Strydom	13	52	62	5734
38	33,92	22	SJ.Kruger	10	50	45	6008
39	32,87,93	25	Govt	12	56	48	6827
40	56,112,113	24+2	HL.Standen	8	48	31	7197
41	55,88,89	32+ $\frac{1}{2}$	Govt	16+ $\frac{1}{2}$	56	51	
42	128,143	32	PA.Strydom	18	63	56	8738
43	84,103	36+ $\frac{1}{2}$	BF.Moller	18+ $\frac{1}{2}$	49	50	9911
44	82,83	22+ $\frac{1}{2}$	FJ.Rotha	19	63	84	6168
45	79,116	25	JJ.Fourie	18	65	72	6827
46	80,117	27+ $\frac{1}{2}$	MHO.Oberholzer	15+ $\frac{1}{2}$	78	56	7534
47	30,81,140	20+ $\frac{1}{2}$	Govt	11+ $\frac{1}{2}$	43	55	5622
48	29,126,127	26	FJL.Pretorius	8	57	31	7100
49	86,151	24+ $\frac{1}{2}$	JW.du Plessis	15	54	62	6634
50	85,142,150	31	Govt	14	63	45	8465
51	18,19,36	21	TH.Wenhold	7	38	33	5734
52	15-17,43,57	22	SJ.Pretorius	14	63	64	6008
53	38,39,90,91	28	PC.Minnaar	9	61	32	7646
54	37,147	23	DA.de Beer	15	82	65	6281
55	13,14,22	21	L.du Plessis	8	62	38	5734
56	11,12,41,42,44,60,	25	DAM.v Staden	5	59	20	6827
	66,106			Average			60 69

APPENDIX 'G'ZOUTPANSDRIFTSee Land Use Sheet No.3

<u>Sample No.</u>	<u>Munsell Chart No.</u>	<u>Soil Colour</u>
1	10 YR 4/3	Brown/dark brown
2	10 YR 3/3	Dark brown
3	10 YR 2/2	Very dark brown
4	5 YR 3/3	Dark reddish brown
5	5 YR 3/3	Dark reddish brown
6	5 YR 2/1	Black
7	10 YR 2/2	Very dark brown
8	10 YR 2/2	Very dark brown
9	2,5 YR 3/4	Dark reddish brown
10	5 YR 3/3	Dark reddish brown
11	10 YR 4/4	Dark yellowish brown
12	10 YR 4/3	Brown/dark brown
13	5 YR 3/4	Dark reddish brown
14	10 YR 2/2	Very dark brown
15	10 YR 2/2	Very dark brown
16	10 YR 2/1	Black
17	10 R 2/2	Very dusky red
18	10 R 3/4	Dusky red
19	2,5 YR 3/4	Dark reddish brown
20	10 YR 4/2	Dark grayish brown
21	10 YR 4/4	Dark yellowish brown
22	10 YR 4/4	Dark yellowish brown
23	10 YR 4/3	Brown/dark brown
24	5 YR 3/4	Dark reddish brown
25	10 YR 3/3	Dark brown
26	10 YR 4/3	Brown/dark brown
27	2,5 YR 3/4	Dark reddish brown
28	10 YR 3/3	Dark brown
29	7,5 YR 4/4	Brown/dark brown

REFERENCES

Referred to in the Text

- (1) Land Reform. Defects in Agrarian Structure as Obstacles to Economic Development. New York: Department of Economic Affairs of U.N. 1951. Page 11.
- (2) Odingo, R.O. 'People and Farms in Growing Kenya'. The Geographical Magazine. 43: 833-839, 1971.
- (3) Encyclopaedia Britannica. 6: 10, 1968.
- (4) Probyn, J.W. Systems of Land in Various Countries. London: Cassell, 1876. Page 288
- (5) Grigg, D. The Harsh Lands. London: Macmillan, 1970. Page 140.
- (6) Dowson, E., and Sheppard, V.L.O. Land Registration; 2nd ed. London: H.M.S.O., 1956. Page 66.
- (7) Grigg, D. 'The Geography of Farm Size a Preliminary Survey'. Economic Geography. 42: 205-235, 1966.
- (8) Dowson, ibid. Page 64.
- (9) Hahlo, H.R., and Kahn, E. South Africa the Development of its Laws and Constitution. Cape Town: Juta, 1960. Page 626.
- (10) South Africa. Bureau of Census and Statistics. Union Statistics for Fifty Years. Pretoria. Government Printer. 1960.
- (11) South Africa. Department of Statistics. South African Statistics 1970. Pretoria. Government Printer. 1971.
- (12) United Nations. Demographic Year Book 1969. New York: 1970. Page 115.
- (13) South Africa. Bantu Trust and Land Act. Act No.18 of 1936.
- (14) South Africa. Commission for the Socio - Economic Development of the Bantu Areas. (Tomlinson Commission) Summary of the Report. Pretoria. Government Printer. U.G. 61/1955.
- (15) 'Homeland Horseshoe Begins to Take Shape'. The Star. Johannesburg. October 19th 1972.
- (16) 'A Form of National Suicide'. The Star. Johannesburg. April 12th 1972.

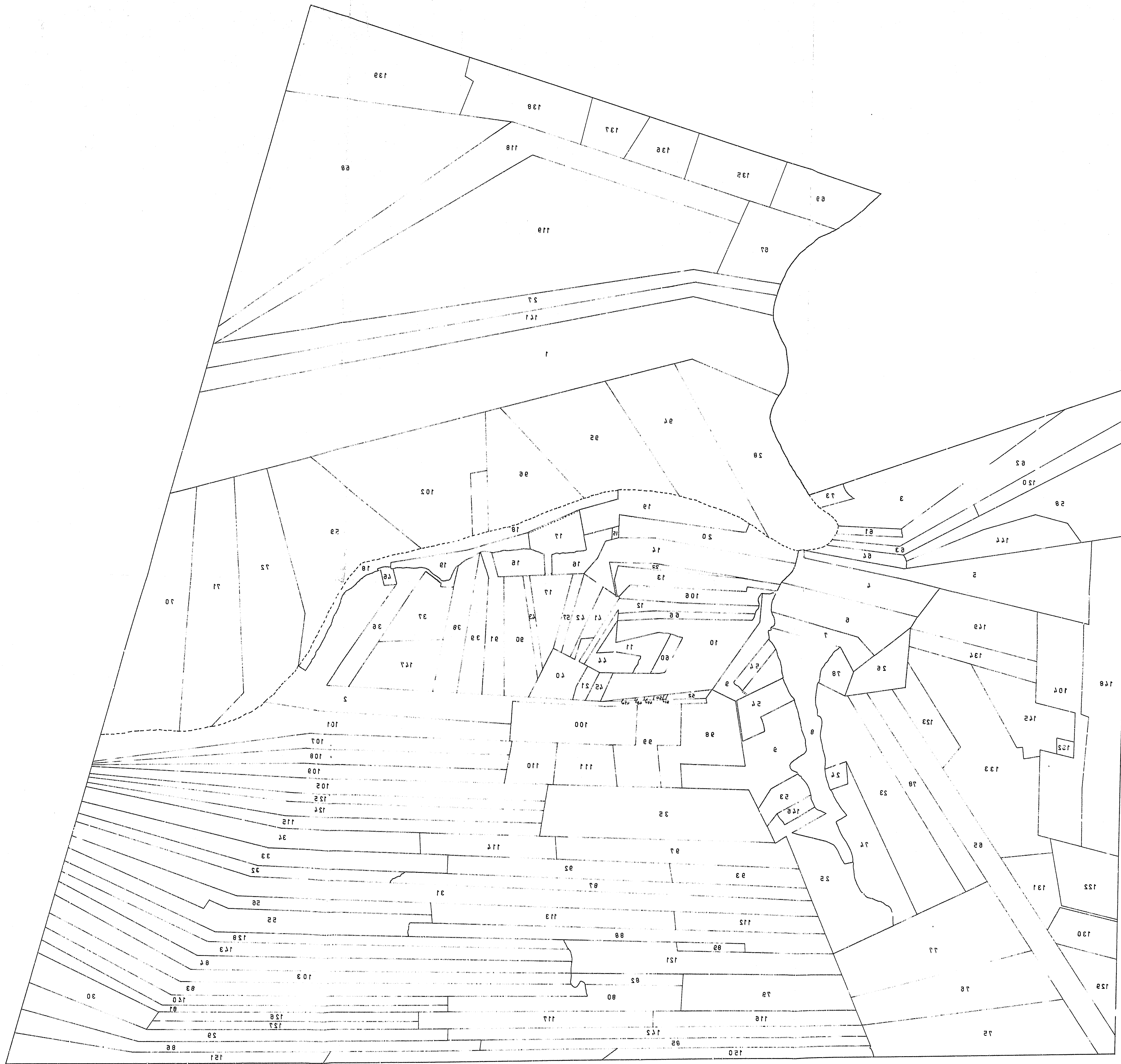
- (17) South Africa. Desert Encroachment Committee. Report. 1951. Pretoria. Government Printer. U.G.59/1951.
- (18) South Africa. Mountain Catchment Act. Act No.63 of 1970.
- (19) South Africa. Soil Conservation Act. Act No.76 of 1969.as amended.
- (20) South Africa. Second Report of the Commission of Enquiry into Agriculture. Pretoria. Government Printer. 1970. R.P. 84/1970. Page 68.
- (21) Second Report into Agriculture; ibid. Page 75.
- (22) Johannesburg Stock Exchange. Figures for Estate Companies. April 1973.
- (23) Food and Agricultural Organisation. The State of Food and Agriculture. Rome. F.A.O.of U.N. 1965.
- (24) South Africa. Subdivision of Agricultural Land Act. Act No.70 of 1970. as amended.
- (25) South Africa. Commission on Smallholdings. Report. Government Printer. 1957. U.G. 37/1957.
- (26) Second Report into Agriculture; ibid. Page 9.
- (27) South Africa. Department of Transport; Weather Bureau. Monthly Rainfall Figures.
- (28) Spiegel,M.R. Theory and Problems of Statistics. New York: Mc Graw - Hill. 1961. Page 71.
- (29) South Africa. Interim Report of the Commission of Enquiry into Agriculture. Pretoria. Government Printer. 1968. R.P. 61/1968. Page 5.
- (30) Heady,E.O. Economics of Agricultural Production and Resource Use. New Jersey: Prentice - Hall, 1952. Page 739.
- (31) Second Report into Agriculture, ibid. Page 181.
- (32) Second Report into Agriculture, ibid. Page 82.
- (33) South Africa. Commission of Inquiry into the European Occupancy of the Rural Areas (Du Toit Commission). Report. Government Printer. 1959. U.G.
- (34) South Africa. Department of Irrigation. Report of the Director of Irrigation 1923/24. Cape Town: Cape Times. 1925. U.G. 14 - 25. Page 18.
- (35) Department of Agricultural Economics and Marketing. Correspondence of 13 Sept 1972. Nett Return of Crops.

- (36) Tomlinson, F.R. 'The Subdivision of Agricultural Land'. The South African Survey Journal. 13 no.77: 34-38, 1971.
- (37) Van Wyk, S.P. 'Determination of an Economic Farming Unit'. Agrekon. 2 no.1: 18-29, 1963.
- (38) Meek, C.K. Land Law and Custom in the Colonies. Oxford: Oxford University, 1949. Page 244.
- (39) Liversage, V. Land Tenure in the Colonies. Cambridge: Cambridge University, 1949. Page 64.
- (40) South Africa. Department of Irrigation. Report of the Director of Irrigation 1930/31. Pretoria. Government Printer. 1932. T.G. 10 - 32. Page 15.
- (41) Chisholm, M. Rural Settlement and Land Use; 2nd ed. London: Hutchinson, 1968. Page 116.
- (42) Jacoby, E.H. Agrarian Reconstruction. Basic Study No. 18. Rome: F.A.O. of U.N. 1968. Page 32.
- (43) Moral - Lopez, P., and Jacoby, E.H. Principles of Land Consolidation Legislation. F.A.O. Legislative Series No.3. Rome: F.A.O. of U.N. 1962. Page 123.
- (44) Moral - Lopez, ibid. Page 125.
- (45) Lambert, A.M. 'Farm Consolidation in Western Europe'. Geography. 48: 31-52, 1963.
- (46) Van der Spuy, E. 'Reallotment'. The South African Survey Journal. 13 no.88: 8-15, 1972.
- (47) Moral - Lopez, ibid. Page 12.
- (48) Govers, A. Ruilverkaveling in de Praktijk; 2nd ed. Leiden: Nederlandsche Uitgeversmij, 1961. Page 20.
- (49) De Leeuw, A. 'Rural Remembrement in Belgium'. Chartered Surveyor. 96: 185-187, 1964.
- (50) Moral - Lopez, ibid. Page 8.
- (51) South Africa. Expropriation Act. Act No.55 of 1965. as amended.
- (52) South Africa. Unbeneficial Occupation of Farms Act. Act No.29 of 1937. as amended.
- (53) South Africa. Land Tenure Act. Act No.32 of 1966. as amended.
- (54) South Africa. Physical and Utilization of Resources Act. Act No.88 of 1967.

- (55) South Africa. A Regional Survey of the Orange Free State Goldfield. Report. The National Resources Development Council. Pretoria. Government Printer. 1954. Page 39.
- (56) Bullard, R.K. 'Consolidation of Agricultural Land'. Paper read at the South African Geographical Conference, Johannesburg, July 1st 1972.
- (57) Webster, C.C., and Wilson, P.N. Agriculture in the Tropics. London: Longmans, 1966. Page 297.
- (58) Second Report into Agriculture, ibid. Page 20-21.

Not Referred to in the Text

- (1) Thomas, M.F., and Whittington, G.W. Environment and Land Use in Africa. London: Methuen, 1969.
- (2) Binns, B.O., Sir. Cadastral Surveys and Records of Rights to Land. Agricultural Studies No.18. Rome: F.A.O. of U.N. 1953.
- (3) Clauson, G., Sir. Communal Land Tenure. Agricultural Studies No 17. Rome: F.A.O. of U.N. 1953.
- (4) Jacoby, E.H. Evaluation of Agrarian Structure and Agrarian Reform Programs. Agricultural Studies No.69. Rome: F.A.O. of U.N. 1966.
- (4) Mifsud, F.M. Customary Land Law in Africa. Legislative Series No.7. Rome: F.A.O. of U.N. 1967.
- (5) Greyling, J.J.C. 'Agrariese Herontwikkeling in die Federale Republiek van Duitsland'. Paper read at the South African Geographical Society Conference, Johannesburg, July 1st 1972.



0 500m 1km

ЗОНПАНДРИТ

SCALE 1:5000

CADASTRAL SHEET No.2

CONSOLIDATION AND RENUMBERING

RE-APPORTIONMENT OF FRAGMENTED
HOLDINGS

Richard Kevin Bullard

A Dissertation Presented to the Faculty of
Engineering, University of the Witwatersrand,
Johannesburg for the Degree of Master of
Science in Engineering

Johannesburg, 1973



ZOUTPANSDRIFT

SCALE 1:15 000

CADASTRAL SHEET No. 5

RE-APPORTIONMENT

ONE CROP-TOBACCO



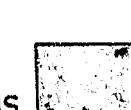
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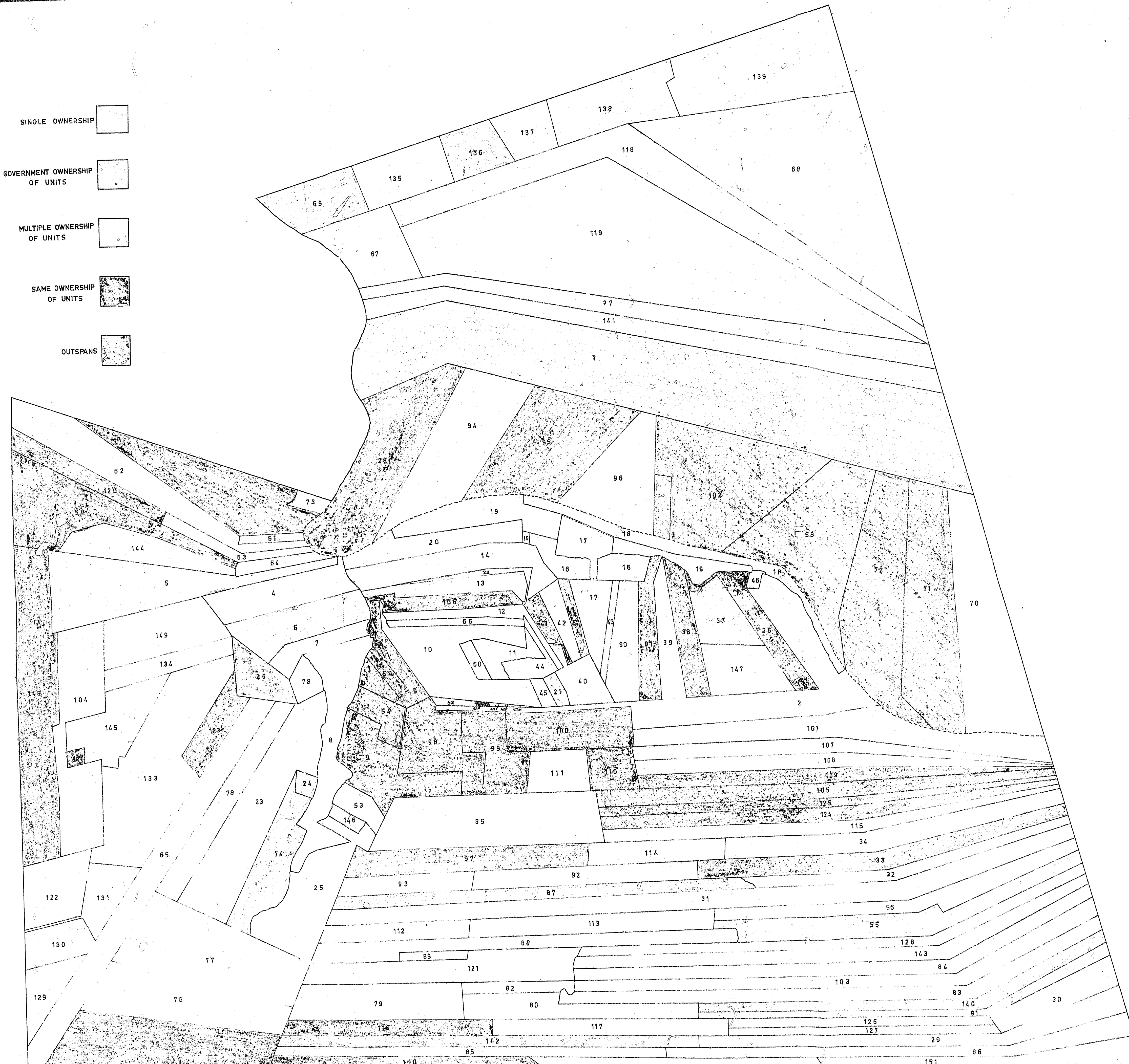
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CADASTRAL SHEET No.4

RE-APPORTIONMENT

ONE CROP WINTER WHEAT

- SINGLE OWNERSHIP 
- GOVERNMENT OWNERSHIP OF UNITS 
- MULTIPLE OWNERSHIP OF UNITS 
- SAME OWNERSHIP OF UNITS 
- OUTSPANS 



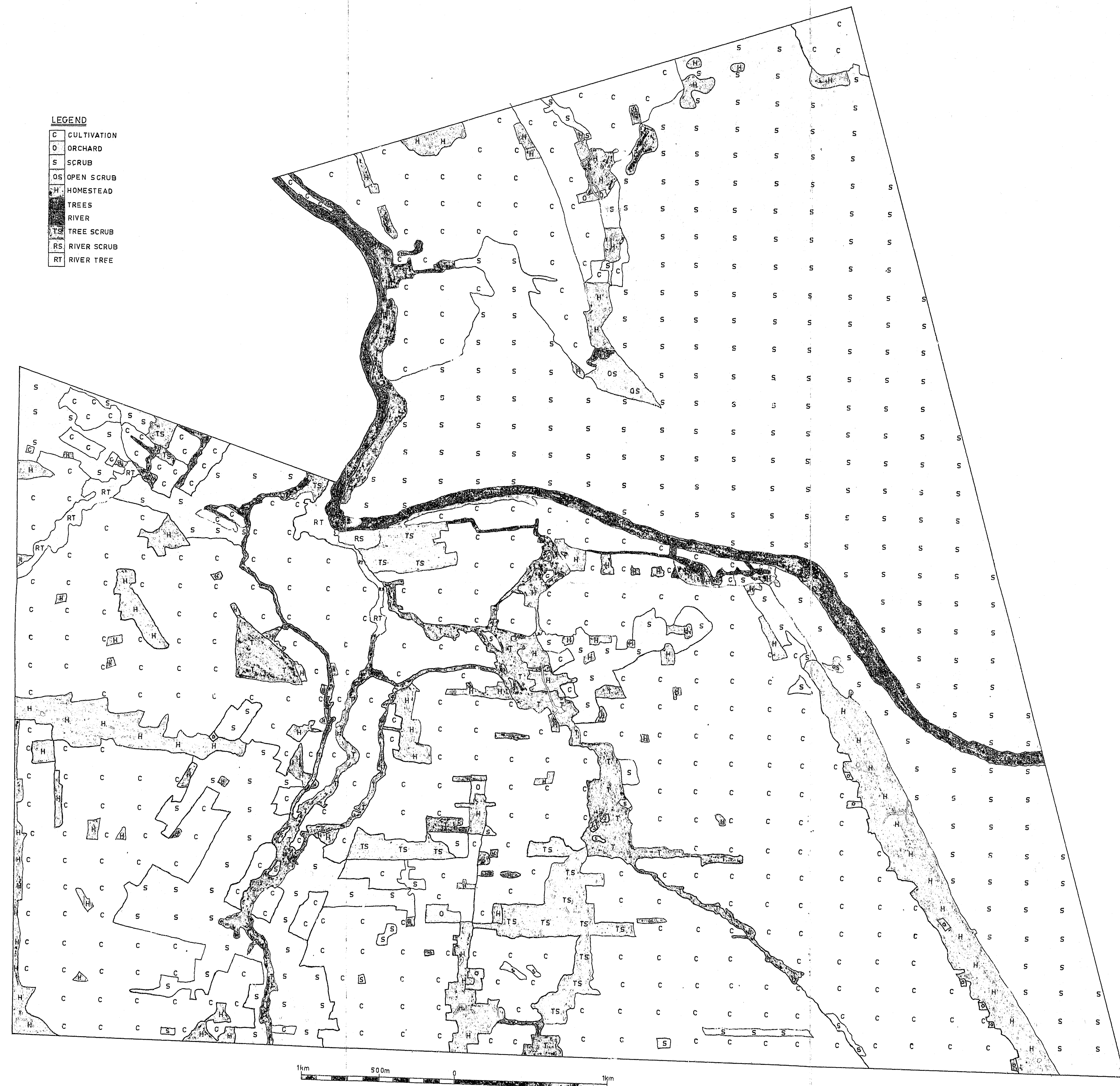
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OWNERSHIP

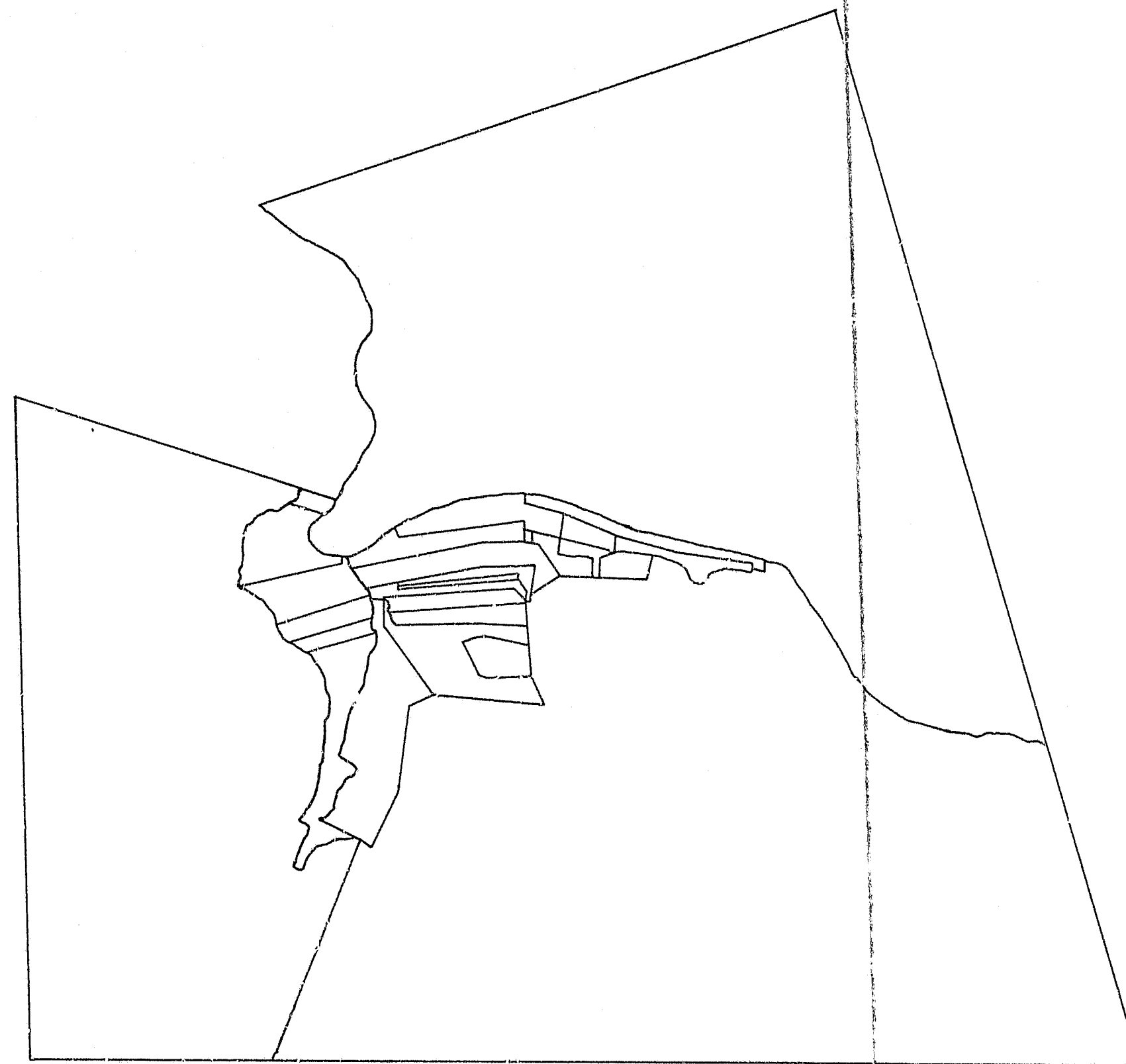


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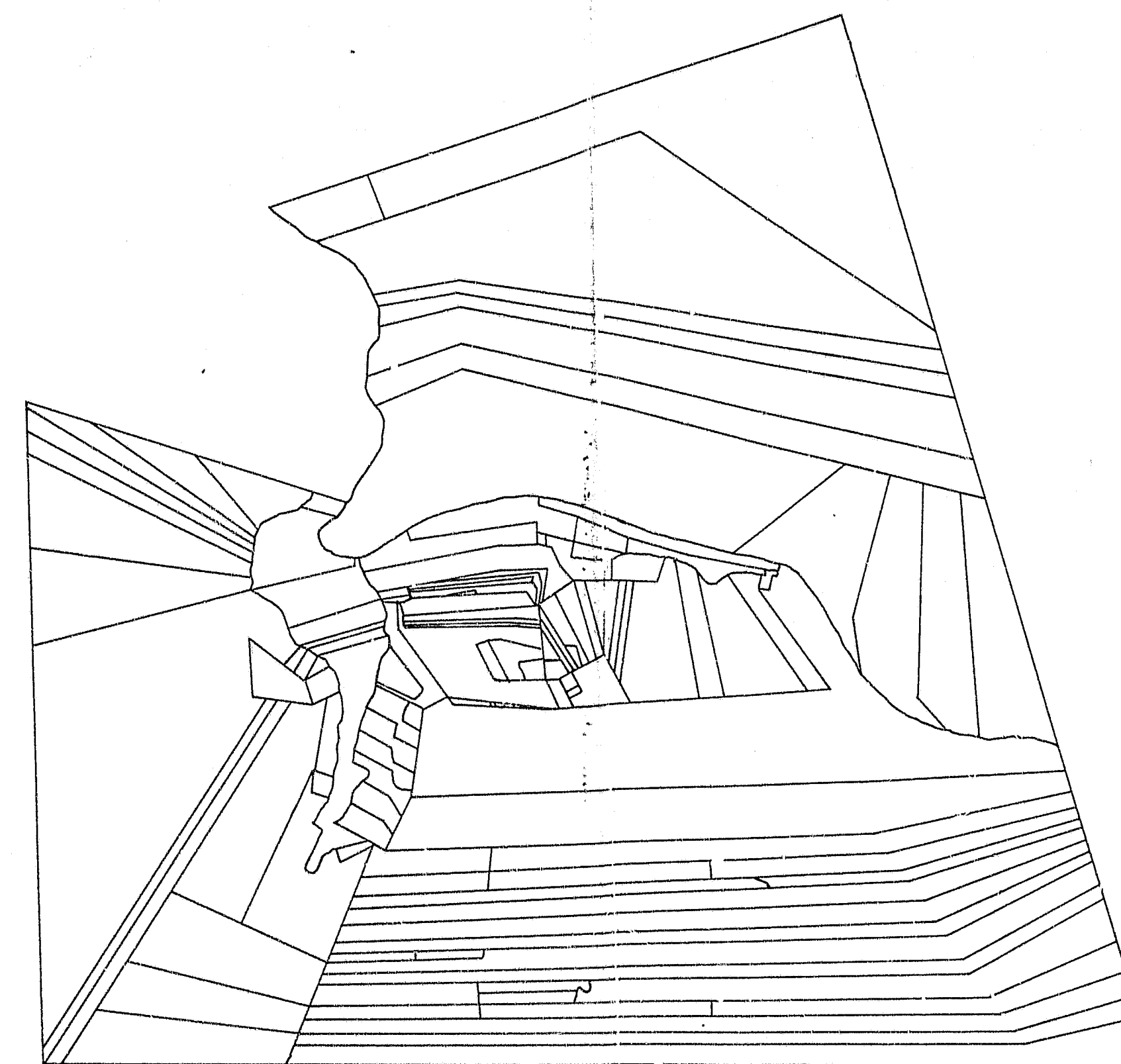
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LAND USE-SHEET No.1

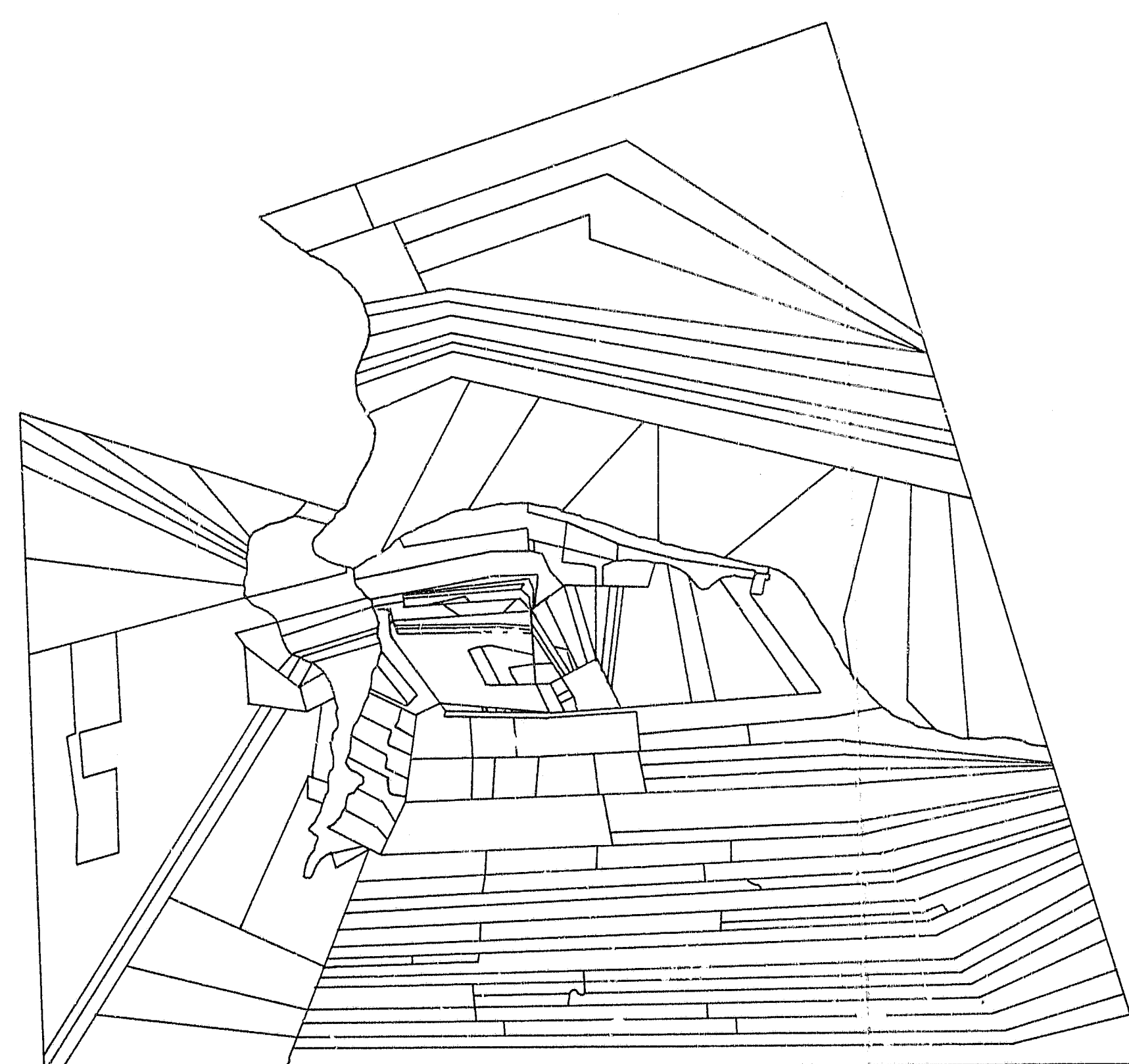
VEGETATION



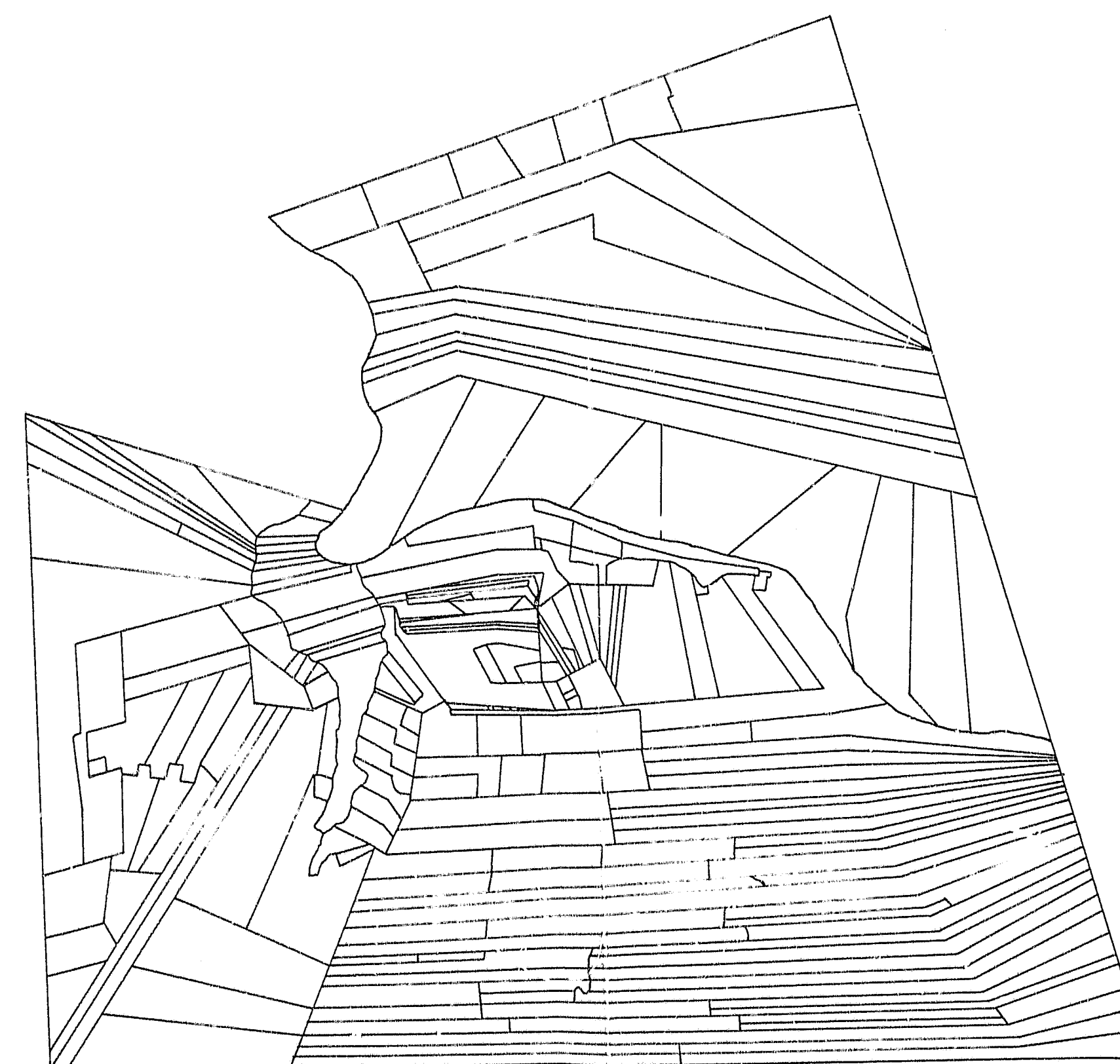
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ACTIVITY 1926-1935



ACTIVITY 1936-1944



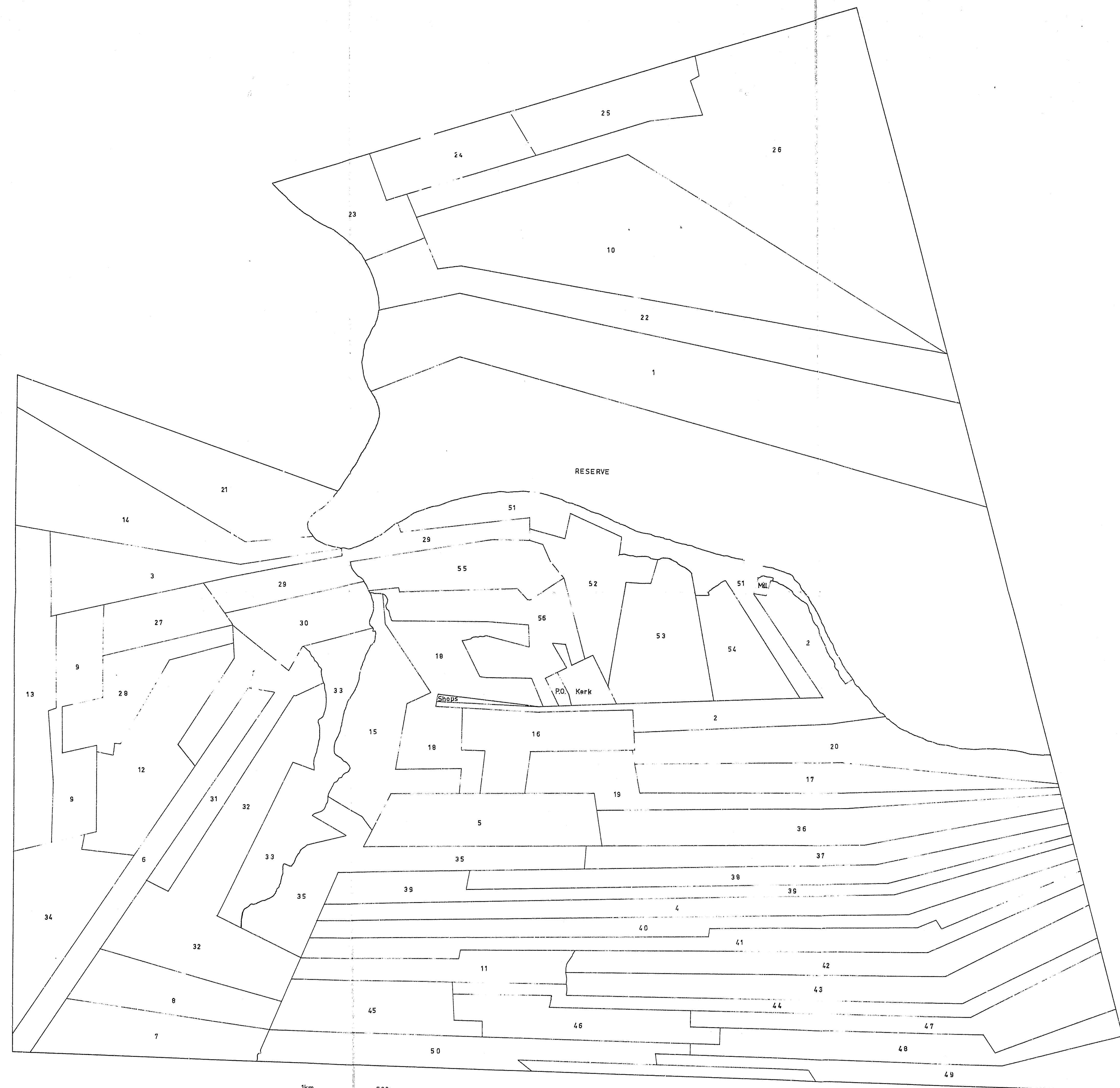
ACTIVITY 1945-1950



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CADASTRAL SHEET No. 7
STAGES OF FRAGMENTATION



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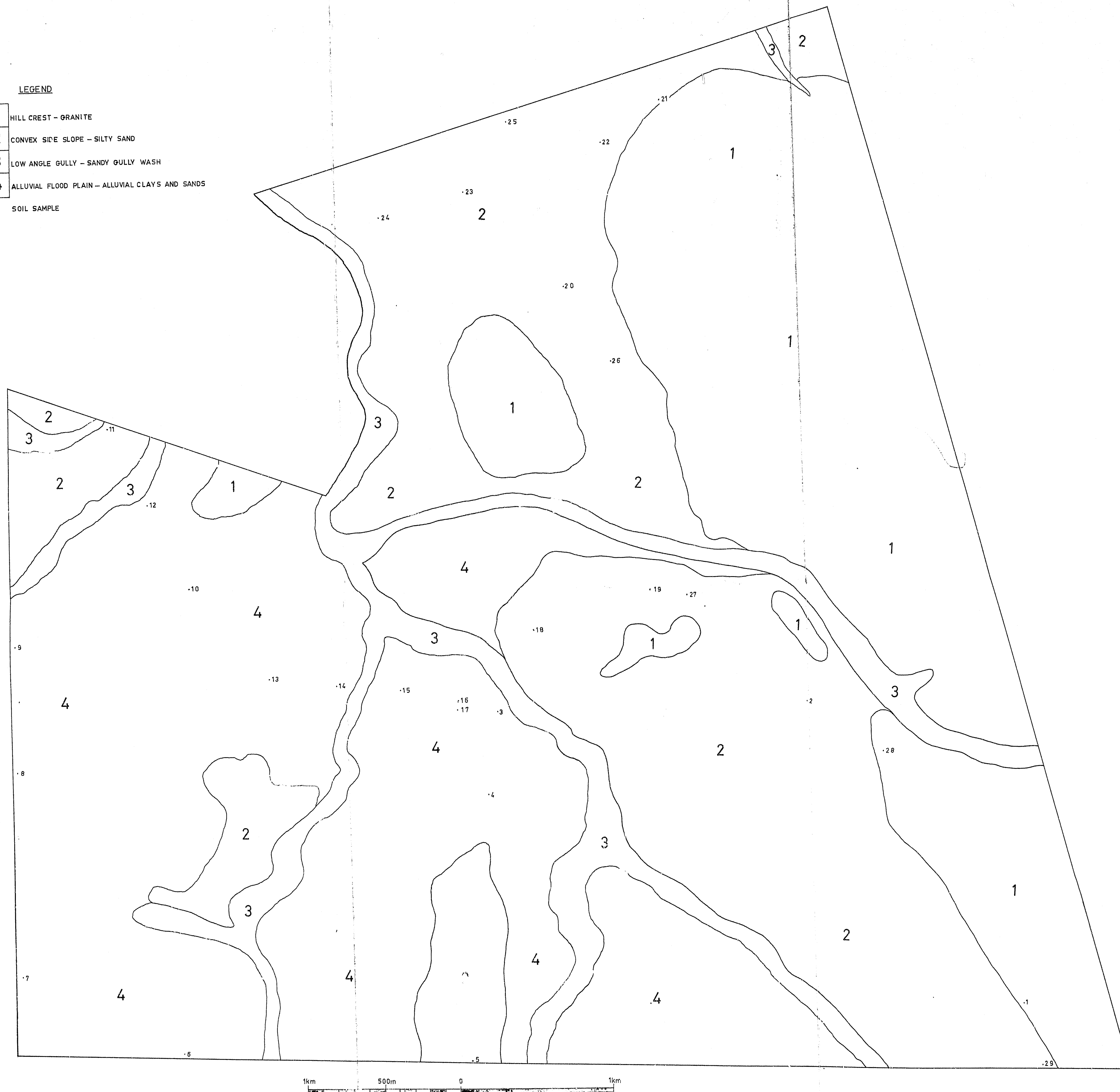
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CADASTRAL SHEET No. 6

RE-APPORTIONMENT

TWO CROPS

- LEGEND
- | | |
|---|---|
| 1 | HILL CREST - GRANITE |
| 2 | CONVEX SIDE SLOPE - SILTY SAND |
| 3 | LOW ANGLE GULLY - SANDY GULLY WASH |
| 4 | ALLUVIAL FLOOD PLAIN - ALLUVIAL CLAYS AND SANDS |
- 1 SOIL SAMPLE



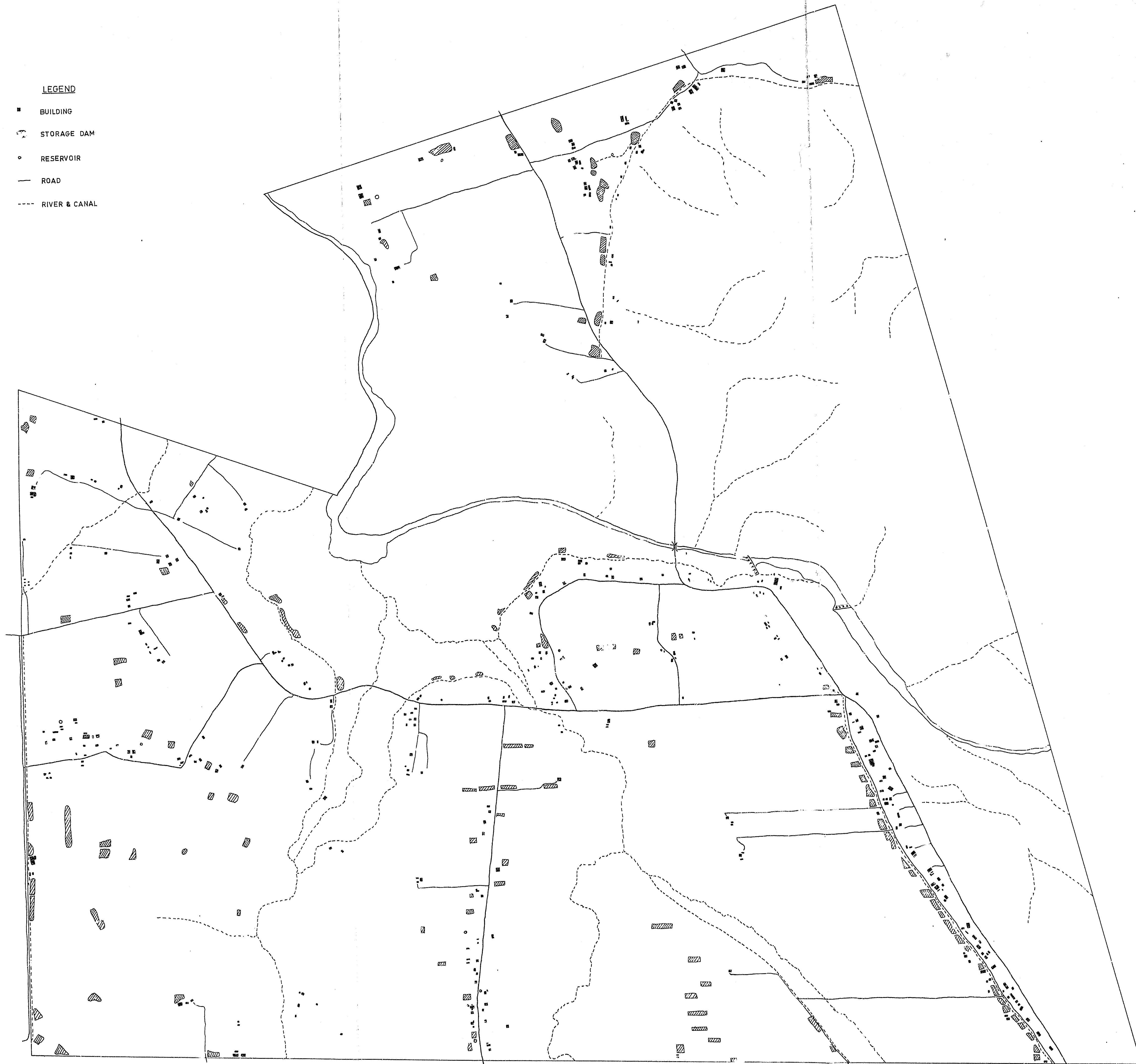
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LAND USE-SHEET No. 3

SOILS

- LEGEND**
- BUILDING
 - ◡ STORAGE DAM
 - RESERVOIR
 - ROAD
 - RIVER & CANAL



1km 500m 0 1km

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LAND USE-SHEET No. 2

TOPOGRAPHICAL FEATURES

Author Bullard Richard Kevin

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