PHOSPHATE AND MAGNETIC SUSCEPTIBILITY DATA

CONTENTS

F516 (2) 52 (3) 73 (1) 59 (4) 82 (1-2) 42

- profiles F31, F33, F34, F57

Part 17: Feature Phosphate Data

Feature Magnetic Susceptibility Data

MAXEY (1979-81)

Part 1: C HORIZON PHOSPHATE DATA - 5M SURVEY (values in mg P/100g)

2755, 7700-7730 37 150 26 18 9 115 150

2760, 7675-7725 120 79 120 76 37 100 180 93 40 40 15

2765, 7675-7720 115 105 90 115 140 115 130 105 210 140

2770, 7670-7725 33 230 180 160 150 220 260 13 240 79 120 115

2775, 7665-7745 135 130 170 150 270 160 150 150 150 105 165 96 53 130 33 11 53

2780, 7650-7745 180 290 150 260 180 165 150 165 240 110 24 96 165 105 115 115 170 135 18 9

2785, 7645-7745 240 260 210 300 150 135 125 120 90 85 13 130 110 180 28 210 105 19 170 37 125

2790, 7645-7745 120 115 170 110 110 150 270 110 82 17 329 16 37 96 33 165 14 260 372 44 330

2795, 7640-7745 260 250 165 270 115 329 280 13 10 110 20 4 230 110 115 120 115 160 110 165 170 125

2800, 7640-7745 280 180 165 150 96 105 110 180 64 135 150 130 280 165 100 37 280 170 400 165 120 170

2805, 7640-7745 110 150 260 180 260 96 200 165 180 115 165 76 16 160 150 150 88 105 24 18 230 165

2810, 7640-7745 250 386 400 24 115 240 79 115 115 230 40 7 59 150 190 358 250 230 120 110 135 21

2815, 7640-7745 140 150 329 220 110 240 160 206 230 82 125 120 120 17 170 110 70 210 9 165 220 220

2820, 7640-7745 105 100 220 79 115 280 100 79 125 110 110 260 280 210 120 24 150 12 96 140 230 230

2825, 7640-7745 165 120 110 100 280 220 300 372 140 290 160 240 125 85 105

180 79 300 81 120 91 105

2830, 7640-7750 88 170 125 82 220 100 76 280 170 105 180 88 125 79 85 160 135 105 170 115 160 160 26

2835, 7640-7750 33 17 115 40 170 88 300 26 190 300 180 240 105 115 220 39 96 90 150 150 140 125 270

2840, 7640-7750 150 135 120 105 165 100 125 280 358 250 200 343 270 220 105 210 372 110 290 180 - 180 343

2845, 7640-7750 180 358 280 290 270 240 73 90 115 82 73 386 260 300 150 190 270 343 150 135 120 110 280

2850, 7640-7750 105 135 150 170 110 99 170 42 165 160 220 135 160 180 130 62 100 150 14 70 135 180 120

2855, 7640-7750 343 343 358 85 125 120 73 115 73 105 150 125 240 125 180 200 250 - 67 120 115 180 135

2860, 7640-7750 51 70 105 160 170 180 150 - 150 120 170 170 105 76 120 46 280 125 105 125 230 105 140

2865, 7640-7740 250 329 160 85 220 64 200 160 329 170 343 140 67 44 113 150 166 170 170 345 160

2870, 7640-7740 240 99 125 96 180 73 190 240 230 170 170 190 88 105 120 230 125 343 314 240 170

2875, 7640-7740 170 110 67 40 150 135 270 200 62 100 220 110 44 73 85 190 190 125 160 140 165

2880, 7645-7735 165 170 125 - 220 170 300 170 240 165 240 - 79 - - - - - 150

2885, 7645-7755 130 - 200 130 53 150 115 180 180 345 105 20 150 105 67 76 73 120 220 170 130 170 160

2890, 7645-7755 386 280 200 220 314 270 400 240 170 115 314 329 140 210 290 79 85 150 329 290 200 220 130

2895, 7645-7755 56 120 150 96 180 358 240 386 120 85 73 110 150 180 115 67 67 90 165 165 372 170 40

2900, 7645-7740 96 170 150 79 270 67 180 100 280 200 240 85 230 290 96 170 120 67 90 150

2905, 7660-7740 62 85 135 135 100 - - - 76 59 125 110 210 76 56 64 85

2910, 7655-7740 28 79 150 110 105 70 125 120 230 105 240 150 115 100 130 64

15 73

2915, 7650-7740 160 26 47 31 59 47 56 79 90 120 220 120 31 120 90 135 91 190

140

2920, 7650-7740 150 358 24 33 12 35 19 33 33 88 110 115 100 100 79 260 67 42

135

2925, 7660-7740 329 105 314 115 85 100 93 115 96 165 28 110 290 79 67 14 240

2930, 7660-7740 98 190 115 230 120 125 67 115 150 98 110 372 125 230 53 82

386

2935, 7660-7740 40 49 59 26 18 14 28 15 76 90 96 150 240 140 73 37 110

2940, 7660-7740 105 - 190 67 22 280 47 67 120 - - - - 37 24 110 280

Part 2: C HORIZON PHOSPHATE DATA (values in mg P/100g)

2M SURVEY AROUND OVAL BARROW (E541, E542, Structure 16)

1st sample =7700N, last sample = 7730N.

2656 140 88 78 99 125 33 90 59 110 90 70 85 73 26 24 35

2658 170 105 100 76 40 26 21 52 59 110 50 82 48 150 33 21

2660 150 96 150 73 52 23 11 52 96 59 90 52 28 78 31 56

2662 115 93 93 96 76 76 26 33 100 35 48 33 76 40 35 44

2664 120 115 18 56 21 52 150 76 64 56 93 96 56 39 85 73

2666 99 76 76 96 62 40 59 59 78 96 48 76 20 125 125 110

2668 170 115 100 230 180 90 14 70 85 70 88 78 42 105 96 37

2670 125 120 62 96 270 135 53 64 56 64 73 78 56 120 76 96

2672 100 67 73 73 82 88 100 62 59 56 46 59 82 110 99 130

2674 50 78 37 76 76 88 73 90 82 90 53 70 44 115 96 78

2676 53 56 165 90 33 88 85 35 44 59 70 37 88 100 59 70

2678 85 53 105 160 73 150 28 20 46 39 24 150 110 90 90 73

2680 160 135 130 115 160 200 130 70 67 50 82 130 120 105 59 40

F.50 (Structure 1)

Stripped Horizon Samples along Furrow

2832 7640 160 2832 7642 110 2832 7644 33 2832 7646 115 2832 7648 372

2832 7650 110

2831 7652 115 2831 7654 105 2831 7656 115 2830 7658 73 2830 7660 120

2830 7662 96

2830 7664 120

F.101 (Structure 2)

C Horizon Samples

2800 7680 100 2802 7680 120 2804 7680 150 2806 7680 56 2808 7680 260

2810 7680 165

2812 7680 85 2814 7680 96 2816 7680 110 2818 7680 135 2820 7680 96

Part 3: FEATURE PHOSPHATE DATA (values in mg P/100g)

STRUCTURES (features 50, 101, 170, 182, 198, 308, 344, 504/5 and 584).

F.50 (Structure 1)

2830 7651 62 2828 7653 160 2827 7657 73 2829 7660 170 2832 7662 88

2835 7662 115 2839 7654 135 2837 7651 120

2833 7650 93 2840 7656 180 2839 7659 130 2838 7661 90

F.101 (Structure 2)

2813 7682 140 2812 7674 110 2815 7675 105 2817 7676 88

2811 7676 220 2815 7682 120 2807 7679 115 2809 7677 50 2811 7682 115

F.170 (Structure 3)

2859 7720 220 2857 7725 386 2858 7722 372 2860 7728 260 2858 7726 358

2861 7727 343 2860 7728 115 2860 7730 200

2860 7720 200 2860 7726 96 2860 7722 17 2861 7727 386 2858 7726 386

F.182 (Structure 4)

2858 7738 165 2856 7739 125

F.198 (Structure 5)

2875 7701 386 2873 7702 372 2872 7703 386 2873 7704 386 2873 7706 300 2873 7705 220 2878 7703 358 2876 7703 386

2775 7701 358 2876 7702 386

F.308 (Structure 10)

2798 7665 280 2797 7663 290 2798 7657 386 2796 7660 210 2797 7658 165 2796 7660 165 2800 7664 53 2796 7662 260

2797 7664 105 2800 7662 110 2800 7660 105 2800 7656 280

F.344 (Structure 9)

2802 7638 220 2800 7636 240 2809 7636 240

F.504/505 (Structure 22)

F.504 (2) 62 (3) 50 (1) 82 (3-4) 35 (1-2) 59 F.505 (2) 90 (1) 120 (3) 88 (2-3) 105

F.584 (1) 73 (2) 125 (3) 110

STRUCTURES - DATA SUMMARY

Feature	No Samples	Range	Mean	Finds	Bones
50	12	62-180	118	10	5
101	9	50-220	118	5	3
170	13	17-386	257	315	783
182	2	125-165	145	0	0
198	10	220-386	354	734	1619
308	12	53-386	201	440	225
344	3	220-240	233	66	229
504/5	9	35-120	77	?	?
584	3	73-125	103	?	?

Part 4: FEATURE PHOSPHATE DATA (values in mg P/100g)

"STACKSTANDS" (features 519 and 543)

F519 (1) 9

F543 (Structure 24) (2-3) 190 (1-2) 230 (4-5) 270 (4) 67 (1) 160 (2) 160

GRAVES (features 150, 151, 152, 157, 164, 176, 192, 555, 569 and 579).

Feature	Grave Fill	Level of skeletal remains
150	165	-
151	-	300, 343
152	150	358
157	210	386
164	-	400
176	125, 160	-
192	250, 290	-
555	140, 140, 165	372, 372, 386, 386
569	70, 93	343
579	100, 110, 150	250, 270, 372, 386

NON-LINEAR FEATURES

F51 67	F125 85	F126 51	F165 115
F169 105	F195 210	F236 372	F257 372
F258 386	F295 358	F304 314	F312 220
F341 135	F342 210	F343 343	F350 125
F357 31	F366 96	F368 105	F370 140
F379 96	F382 26	F385 150	F391 300
F392 270	F397 79	F399 400	F403 93
F412 42	F419 120	F425 120	F434 240
F435 40	F436 40	F437 21	F439 37
F444 15	F445 88	F446 18	F447 7
F452 40	F454 11	F462 28	F465 180

214 61 217 69 218 62 219 69 220 67 221 71 222 67 223

F.470 150	F.472 110	F.480 280	F.481 70
F.482 90	F.487 42	F.507 42	F.513 93
E514 90	F.520 24	F.553 59	F.559 358
F.564 23	F.565 33	F.567 56	F.572 372
F.577 220	F.578 125	F.585 59	E586 120
F.589 90	F.590 67	F.592 35	F.605 50

Part 5: FEATURE PHOSPHATE DATA - LINEAR FEATURES (values in mg P/100g)

F.102

2816 7674 190 2816 7676 150 2815 7677 180 2814 7680 230 2814 7684 165

F.107

2817 7664 135 2819 7664 358

F.108

2816 7666 358 2814 7666 358 2812 7666 270 2810 7666 300 2820 7666 190

F.109

2818 7668 88 2818 7670 135 2818 7675 165 2816 7678 135 2813 7685 135

F.118

2811 7672 135 2810 7682 120 2810 7680 220 2810 7678 180 2810 7676 90

F.121

2780 7645 220 2805 7645 386 2811 7651 165 2815 7650 270

2814 7645 165 2786 7647 240 2795 7647 372 2880 7647 280 2792 7647 160

F.127

2763 7670 125 2767 7681 100 2763 7680 120 2763 7675 90

2775 7681 96 2770 7681 120 2780 7681 140 2785 7682 150 2796 7684 105 2810 7684 56 2812 7684 42

F.128

2806 7678 90 2806 7680 93 2811 7666 140 2878 7703 372

F.133 2810 7655 400

F.135 2803 7680 150

F.153

2845 7711 220 2843 7730 150 2845 7701 180 2846 7694 47 2845 7697 78

2845 7704 105 2845 7708 93 2843 7726 76

2843 7719 51 2843 7712 51 2843 7722 110 2843 7716 73

F.154

2846 7716 100 2847 7709 90 2847 7711 210

F.155

2873 7708 240 2800 7710 250 2805 7710 125 2858 7724 165 2852 7722

130 2860 7725 150 2877 7720 120 2854 7722 160

2875 7720 110 2860 7724 190

F.156

2856 7717 150 2858 7717 220 2846 7692 150

F.158

2855 7705 120 2932 7711 115 2889 7710 329 2862 7706 135 2918 7711 93

2880 7709 165 2909 7711 180 2920 7711 115

2874 7709 125 2902 7710 120 2911 7711 150 2892 7710 230 2929 7711

358 2871 7709 165 2900 7709 180 2860 7709 125

2915 7711 115 2867 7709 88 2907 7710 220 2925 7711 130 2930 7711

110

Part 6: Feature Phosphate Data - Linear Features continued (values in mg P/100g)

F.160

2855 7703 290 2854 7703 82

F.161

2876 7680 386 2862 7678 329 2900 7694 400 2821 7668 115 2834 7668 53

2847 7672 100 2825 7668 120 2830 7669 93

2894 7735 24 2894 7732 386 2839 7670 110 2896 7708 110 2898 7690 98

2898 7693 115 2897 7696 98 2897 7700 98

2899 7687 125 2897 7704 160 2844 7671 200 2850 7672 200

F.168

2857 7703 200 2858 7703 88

F.173

2862 7717 314 2860 7717 329 2865 7717 342

F.177

2847 7713 290 2848 7711 165 2848 7709 150

F.179

2847 7720 115 2847 7718 160

F.199

2907 7737 270 2935 7739 221 2932 7739 93 2914 7739 280 2930 7739 210 2925 7739 150 2923 7739 150 2908 7739 343

2908 7738 230 2929 7739 120 2915 7739 110

F.203

2878 7719 386 2879 7716 120

F.204

2927 7735 250 2925 7732 230 2925 7734 314 2925 7733 130

F.205

2927 7727 290 2930 7730 343 2931 7732 230 2935 7735 358 2935 7735 170 2932 7732 180 2931 7730 165

F.206 2923 7721 150

F.208 2928 7727 165

F.218

2873 7724 372 2873 7722 386 2874 7734 372 2874 7732 85 2873 7728 386 2874 7714 386 2873 7732 386 2873 7730 358

F.219

2929 7723 386 2939 7723 220 2928 7724 130

F.222

2879 7727 400 2875 7726 372 2980 7729 386 2874 7727 372 2892 7729 358

F.231

2861 7700 59

F.232

2877 7731 135 2875 7731 115

F.233

2873 7740 386 2873 7738 386 2873 7736 386 2874 7738 386

F.237

2876 7728 372 2876 7725 372

Part 7: Feature Phosphate Data - Linear Features continued (values in mg P/100g)

F.238

2878 7731 358

F.239

2879 7725 372 2879 7727 372

F.243

2881 7724 358 2881 7722 386 2880 7721 386 2881 7723 220

F.244

2917 7730 150 2916 7735 125 2917 7724 170 2918 7725 110 2917 7731 62

2917 7733 115 2917 7728 82

F.246

2914 7720 386 2913 7715 165 2913 7719 150 2913 7717 125

F.248

2876 7734 386 2889 7739 386 2878 7734 343 2888 7739 386 2886 7738

386 2889 7739 280

F.251

2887 7736 386 2885 7736 386

F.252

2923 7660 31 2923 7680 40 2923 7662 260 2923 7666 37 2923 7674 42

2923 7670 115 2923 7677 59 2923 7664 56

F.255

2938 7713 170 2939 7711 100 2918 7711 82 2935 7711 130

F.256

2886 7684 329 2880 7683 190 2877 7681 200 2874 7679 140 2883 7683 343

2870 7682 358

F.259

2824 7687 73 2820 7685 115 2810 7685 96 2849 7689 47

2843 7688 44 2820 7635 96 2830 7688 62 2838 7688 120 2827 7687 79

2841 7688 105 2832 7688 90

F.260 2869 7730 115

F.282 2876 7645 343

F.283 2786 7640 290

F.291 2775 7665 386

F.296 2780 7657 372

F.297 2794 7652 280

F.300 2792 7650 260

F.303 2794 7642 170

F.309

2880 7657 170 2800 7658 300 2802 7657 165 2798 7659 105

F.310

2798 7659 240 2802 7658 150 2800 7659 260 2799 7659 386

Part 8: Feature Phosphate Data - Linear Features continued (values in mg P/100g)

F.311

2804 7656 170

F.314

2811 7635 165 2809 7645 400 2810 7640 220

F.315

2809 7660 400 2814 7660 400

F.318

2813 7645 400 2810 7655 115 2812 7655 400 2812 7651 386

F.323

2847 7642 110 2849 7641 90 2854 7641 120

F.324

2847 7647 98 2850 7651 115 2847 7650 105 2854 7651 105 2856 7651 135 2850 7648 170 2850 7652 120 2850 7646 110

2850 7650 130 2850 7644 190 2850 7642 90 2850 7640 40

F325

2850 7654 73 2855 7654 56 2848 7654 9 2844 7654 51

F330 2879 7715 386

F331 2880 7717 260

F332

2872 7651 33 2879 7650 26 2881 7649 85 2867 7653 67 2870 7652 65

F338

2789 7685 115 2789 7680 125 2789 7675 270

F340

2895 7648 40 2895 7647 125

F344

2803 7639 170 2808 7638 200 2800 7637 165 2801 7638 180

F346

2820 7635 115

F349

2855 7639 37 2851 7639 13

F360

2870 7717 386 2872 7717 150 2879 7718 343

F361

2873 7715 314 2871 7715 180

F362

2871 7712 300 2873 7712 280

F381

2832 7680 200 2833 7675 82 2832 7683 44 2835 7671 280

F388

2790 7670 150

F396

2760 7696 100 2770 7696 120 2765 7696 135 2780 7698 180 2775 7697 130 2785 7699 170 2790 7700 110

Part 9: Feature Phosphate Data - Linear Features continued (values in mg P/100g)

F,417

2827 7735 96 2827 7740 372 2827 7738 42 2828 7748 19

2827 7744 53 2829 7746 17 2827 7733 96 2830 7747 62 2825 7747 33

2850 7748 31

F,430

2798 7730 372

F,468

2860 7693 329

F,473

2893 7756 140 2893 7753 125 2893 7750 329 2892 7748 160 2893 7745 105

F,479

2934 7702 130

F,489

2885 7754 115 2887 7755 135 2890 7756 125

F,495

2884 7745 150 2884 7748 260 2896 7745 165 2887 7744 120 2884 7744 190

2891 7744 160

F,498

2865 7653 35 (1) 96 (0-1) 100 (1-0) 99

F,499 (5) 100 (4) 90 (3) 64 (1) 64

(2) 67 (4) 120 (3) 115 (1) 90 (2) 90

F,500 (4) 78 (3) 130 (1) 135 (3) 120 (1) 93 (2) 180

(4) 78

F,502 (0-1) 99 (0-1) 150

F,503 (3) 93 (3-4) 56

F,506 (2) 140 (7) 230 (1) 130 (26) 88 (25) 165 (1-2)

125

F,509 160 180

F,510 (0-1) 130

F,511 (2) 23 (8) 15 (4) 90 (1) 15 (11) 28 (12) 50

F,512 (4) 52 (6) 96 (2) 35 (1) 76 (3) 26

F,515 (6) 53 (1) 13 (2) 23 (5) 12

F.516 (2) 52 (3) 73 (1) 59 (4) 82 (1-2) 42

F.518 (1-2) 31 (3-4) 28

F.518 2680 7678 110

F.526 (4) 53 (2) 67 (6) 56 (0-1) 56

F.527 (2) 200 (1-2) [illegible]4

F.528 (1) 150 (2) 93

F.530 (1) 120 (2) 105

F.531 (1) 93 (2) 56

F.532 (1-2) 85

F.533 (10) 180 (9) 280 (11) 300 (7) 280 (8) 280 (12) 120 (1-2) 100

F.535 (10) 220 (9) 240 (8) 100 (6) 329

(8-9) 230 (7) 135 (S.Butt)260 (6-7) 180 (3) 96 (5) 78

Part 10: Feature Phosphate Data - Linear Features continued (values in mg P/100g)

F.536 (2) 105 (1N) 78 (1S) 88

F.539 (0-1) 50 (0-2) 28 (0-1) 56

F.540 (1) 160 (2) 150

F.544 140

F.545 (1) 180 (2) 180

F.546 (2) 250 (1) 115

F.554 (8) 59 (12) 150 (16) 56 (14) 62

(9) 85 (4) 53 (6) 64 (2) 62 (3) 56 (10) 67

F.556 (6) 23/42 (7) 31/48 (4) 35/52 (3) 39/46

(9) 93/48 (5) 42/42 (8) 150/105 (10) 48/40

F.562 (2) 240 (S) 329 (N) 300 (1) 200

F.566 (1) 220

F.568 115

F.571 (1) 150 (2) 240 (3) 85 (4) 110

F.584 (1) 73 (3) 110 (2) 125

F.587 100

F.593 40

F.603 W 82 E 52 (2) 300 (1) 70

F.604 48

F.606 7660 50 7655 29 7650 39

FEATURE PHOSPHATE DATA

CURSUS (features 60 and 517)

F.60

2815 7673 85 2817 7672 79 2812 7673 70 2835 7663 150 2837 7663 165 2833 7664 110

2779 7690 62 2775 7691 93 2770 7694 110 2783 7687 120 2788 7686 160 2795 7682 120

2874 7648 64 2860 7652 105 2879 7646 150 2852 7656 105 2869 7649 90 2867 7649 5[illegible]

2871 7649 110 2863 7651 62 2850 7656 28

2845 7659 35 (S51 L2) 50 (S61 L1) 26

(S60 L2) 20 (S51 L1) 44 (S53 L1) 19

(S50 L2) 48 (S53-S60) 31 (S52 L2) 33

(S53 L2) 50 (S60) 39 (S52 L1) 21

F.517

2650 7682 105 2645 7685 115 2620 7695 35

2635 7690 85 2640 7688 105 (S6) 93

2625 7694 48 (S3-S4) 14 (S1-S2) 15

Part 11: FEATURE PHOSPHATE DATA (values in mg P/100g)

HENGE DITCH F523 (Structure 15)

F.523

(S34)	42	(S31)	48	(S32)	35	(S30)	46	(2620)	46	17
(2630)	33									
(S37)	44	(S33)	44	(S36)	39	(2625)	26	(S35)	24	
(S1-S2)	24									
(S3-S4)	73	(S5-S6)	21	(S15-S16)	17	(S9-S11)	14	(S17-S18)	39	
(S42)	52									
(S45)	21	(S46)	48	(S44)	35	(S43)	35	(S47)	53	
(S39)	40									
(S37)	33	(S38)	50	(S34)	40	(S33)	67	(S40)	19	
(S41)	15									
(S36)	50	(S35)	19	(S32)	88					

CENTRAL RING-DITCH F.607 (Structure 14)

F.607 (1)	upper	42	lower	115	(2) upper	100	lower 125
(3)	upper	44	lower	105	(4) upper	40	lower 52
(5)	upper	48	lower	70	(6) upper	44	lower 70
(7)	upper	56	lower	150	(8) upper	52	lower 170
(10)	upper	48	lower	93	(11) upper	52	lower 39

OVAL BARROW F.541 and F.542 (Structure 16)

F.542 Phosphate Data

Section	mgP/100g	Section	mgP/100g
1	56	2	50
3	59	4	56
5	62	6	62
7	76	9	59
10	62	12	78
13	59	14	62
15	62	16	67
17	56	18	59

19	53	20	46
21	48	23	56
24	31	26	40
27	44	28	85
29	67		

Part 12: FEATURE PHOSPHATE AND MAGNETIC SUSCEPTIBILITY DATA

(phosphate values in mg P/100g , magnetic susceptibility values in SI/Kg× 10(-8)

F.541 Phosphate Data

Sample	Column	A	B	C
Layer	1a	105	88	125
	1b	82	73	105
	1c	50	76	78
	2	53	48	64
	3a	56	50	76
	3b	53	50	70
	4	110	50	76
	5	110	110	170

F.541 Magnetic Susceptibility Data

Sample	Column	D	E	F	G	H	J	K	L	M
Layer	1a						121			
	1b						132			
	2						96			
	3	114	98	99	225	82	117	94	52	90
	4	57	47	66	38	38	59	43	58	85
	5	59	63	50	37	53	61			

F.542 Magnetic Susceptibility Data

Section	Upper Fill	Lower Fill

1	74 76 77	85 91 103
2	94 94 96	99 104 105
4	77 86 99	81 97 109
6	106 111 125 130	82 88 91 113
7	263 274 320	258 260 285
8	83 85 91 101 102	
9	93 97 104 126	
10	195 222 265 268	198 214 217 223
11	117 127 148 153 157	
13	153 158 209	181 201 236
16	153 157 160 182 199	120 122 131 134
20	124 137 145 153	
21	127 133 143 143	
22	89 92 96 97	
23	130 132 145 148	
24	125 126 127 161	
26	81 84 85 90	

Part 13: FEATURE MAGNETIC SUSCEPTIBILITY DATA

(values in SI/Kg × 10(-8))

F506 F533 F538 F572

506 (16)	60 65 66 72	506 (20)	75 84 107
506 (21)	92 92 98 104	506 (24)	88 89 94 96
506 (25)	78 92 96 101	533 (2)	89 91 92
533 (3)	75 77 81	538 (7)	79 85 86 89 94
572	535 560 560 564 611		

F.600

	Column	A	B	C	D	E
Depth	0-20	104	96	97	80	89
	20-40	58	80	75	55	78
	40-60	96	85	74	49	133
	60-80		81			

F.607

Section	Upper Fill	Lower Fill
1	19	34
2	26	13
3	32	16
4	28	17
5	45	33
6	35	25
7	36	27
8	33	36
10	34	37
11	25	28

BARNACK/BAINTON (1981)

Part 14: PLOUGHSOIL MAGNETIC SUSCEPTIBILITY DATA

(values in SI/Kg $\times$ 10 (-8))

Pipeline Transect (samples 200-237, 400-407)

200	58	201	56	202	59	203	54	204	57	205	59	206	90	207
69														
208	75	209	69	210	65	211	61	212	68	213	65	214	73	215
69														

216 61 217 69 218 62 219 69 220 67 221 71 222 67 223
66
224 74 225 89 226 94 227 95 228 90 229 93 230 113 231
108
232 95 233 94 234 95 235 86 236 81 237 85 400 38 401
30
402 21 403 22 404 26 405 23 406 20 407 23

South Field Transect (samples 1-51, 60-106)

1 44 2 45 3 50 4 56 5 48 6 53 7 49 8
55
9 66 10 66 11 55 12 55 13 56 14 63 15 53 16
45
17 50 18 64 19 51 20 64 21 55 22 59 23 54 24
66
25 61 26 62 27 56 28 56 29 56 30 58 31 55 32
80
33 64 34 57 35 58 36 56 37 63 38 64 39 70 40
68
41 70 42 59 43 68 44 76 45 63 46 63 47 67 48
64
49 62 50 59 51 52

60 48 61 59 62 57 63 53 64 45
65 45 66 35 67 47 68 31 69 34 70 37 71 38 72
35
73 32 74 33 75 35 76 34 77 38 78 35 79 32 80
30
81 29 82 39 83 43 84 39 85 55 86 47 87 50 88
44
89 39 90 45 91 41 92 39 93 40 94 46 95 61 96
54
97 47 98 50 99 50 100 69 101 41 102 48 103 48 104

71

105 43 106 48

North Field Transect (samples 300-356)

300 58 301 60 302 55 303 62 304 52 305 53 306 54 307
55

308 61 309 65 310 56 311 60 312 57 313 62 314 72 315
59

316 59 317 63 318 63 319 74 320 63 321 72 322 69 323
80

324 74 325 83 326 86 327 89 328 77 329 121 330 85 331
80

332 121 333 79 334 99 335 92 336 94 337 96 338 101 339
106

340 87 341 111 342 95 343 87 344 89 345 96 346 83 347
79

348 89 349 75 350 64 351 71 352 95 353 73 354 83 355
78

356 81

Part 15: PLOUGHSOIL PHOSPHATE DATA

(values in mg P/100g)

Pipeline Transect (samples 1-79)

1 105 2 105 3 73 4 56 5 100 6 96 7 85 8
53

9 78 10 96 11 100 12 240 13 85 14 62 15 82 16
78

17 62 18 67 19 67 20 78 21 90 22 76 23 73 24
53

25 56 26 67 27 110 28 59 29 78 30 76 31 93 32
67

33 62 34 99 35 85 36 100 37 93 38 73 39 120 40

78

41 125 42 70 43 88 44 75 45 90 46 96 47 120 48 100

49 105 50 105 51 93 52 110 53 115 54 85 55 100 56 110

57 100 58 85 59 105 60 170 61 110 62 70 63 100 64 115

65 110 66 93 67 115 68 99 69 110 70 85 71 105 72 82

73 105 74 85 75 88 76 120 77 62 78 150 79 90

South Field Transect (samples 100-150, 8300 6500-8530 6500)

100 85 101 82 102 93 103 100 104 85 105 115 106 70 107 110 108 93 109 76 110 96 111 82

112 82 113 110 114 160 115 105 116 96 117 105 118 105 119 90 120 115 121 100 122 76 123 105 124 120 125 90 126 90 127 100 128 88 129 90 130 82 131 110 132 115 133 82 134 73 135 93 136 82 137 85 138 90 139 73 140 90 141 91 142 85 143 73 144 96 145 105 146 100 147 100 148 73 149 78 150 90

All eastings = 6500

8300 52 8305 73 8310 70 8315 85 8320 64 8325 115 8330 53 8335 67

8340 56 8345 56 8350 48 8355 56 8360 62 8365 67 8370 48 8375 62

8380 73 8385 67 8390 82 8395 73 8400 -- 8405 76 8410 110 8415 67

8420 46 8425 56 8430 48 8435 62 8440 67 8445 37 8450 33 8455 52

8460 62 8465 50 8470 42 8475 37 8480 62 8485 62 8490 76 8495 67

8500 100 8505 105 8510 100 8515 115 8520 96 8525 82 8530 82

North Field Transect (samples 300-356)

300	85	301	100	302	70	303	82	304	67	305	78	306	82
307	90												
308	96	309	90	310	88	311	88	312	56	313	90	314	96
315	93												
316	135	317	85	318	100	319	78	320	120	321	67	322	82
323	85												
324	90	325	120	326	105	327	125	328	150	329	160	330	150
331	170												
332	150	333	100	334	93	335	135	336	150	337	135	338	160
339	130												
340	140	341	120	342	115	343	125	344	115	345	125	346	99
347	115												
348	105	349	100	350	99	351	100	352	99	353	96	354	110
355	115	356	115										

Part 16: SUBSOIL PHOSPHATE DATA

(values in mg P/100g)

Pipeline Transect

1	59	2	135	3	100	4	62	5	40	6	105	7	120	8	42
9	53	10	73	11	52	12	42	13	20	14	40	15	44	16	100
17	20	18	28	19	19	20	19	21	67	22	37	23	48	24	20
25	20	26	39	27	33	28	33	29	28	30	37	31	40	32	37
33	31	34	40	35	90	36	53	37	56	38	64	39	52	40	73
41	53	42	56	43	-	44	-	45	-	46	88	47	85	48	110
49	110	50	280	51	105	52	99	53	100	54	115	55	115	56	125
57	110	58	100	59	99	60	110	61	150	62	99	63	358	64	386
65	200	66	110	67	110	68	110	69	99	70	120	71	78	72	105
73	93	74	105	75	115	76	70	77	73	78	93	79	78	80	90
81	59	82	50	83	40	84	40	85	50	86	26	87	46	88	33
89	28	90	24	91	24	92	59	93	31						

FEATURE PHOSPHATE DATA (profiles)

(in all profiles A=top of section, samples are taken at 10cm intervals, and values are expressed in mg P/100g)

F.31

A 115 B 150 C 140 D 135 E 105

F.33(1)

A 64 B 280 C 67 D 67 E 110 F 96 G 50 H 44 I 28 J 105 K 48 L 52

F.33(3)

A 56 B 56 C 67 D 52 E 62 F 56 G 53 H 52 I 78 J 88 K 125 L 35

F.33 (5)

A 115 B 105 C 105 D 90 E 82 F 82 G 105 H 140 I 115 J 67

F.33(7)

A 125 B 96 C 93 D 110 E 82 F 135 G 90 H 78 I 230 J 59 K 78

F.34

A 150 B 125 C 160 D 240 E 190 F 130 G 180 H 150 I 125

F.57

A 110 B 96 C 88 D 90 E 100 F 85 G 62 H 59 I 82 J 115 K 165 L 220

Part 17: FEATURE PHOSPHATE DATA

(values in mg P/100g)

F.1 24 F.2 19 F.3 50 F.4 37 F.5 33 F.6 31

F.7 28 F.8 64 F.9 17

F.10 26 F.11 23 F.12 62,67,105,115,160,190.

F.13/15/25/26 16,17,17,20,21,21,21,23,24,28,28,31,33,35,39,44,46,48,48,64,67.

F.14 105 F.16 26 F.17 115 F.18 73 F.19 73 F.20 42

F.21 88 F.22 100 F.23 13,17,17,17,17,20,20,21,23,23.

F.24 11,15,15,16,19.

F.28 46,46,59,62,70,70,78,78,78,78,88,96,99,99,105,105,105,110,110,120,135.

F.29 67,67,76,82,85,88,90,90,90,90,93,96,100,105,110,115,115.

F.30 150

F.31 85,110,115,115,115,120,120,120,125,135,140,160,180,180.

F.32 64,93. F.33 56,64,105,115,125. F.34 150 F.35 93 F.37 73

F.39 70 F.40 93 F.41 73 F.42 125,150,165,165,170,170,190,210.

F.44 99,115. F.45 100,170. F.46 125 F.49 220 F.50 150 F.51 180

F.52 358 F.53 165,165. F.54 160,240 F.55 82 F.57 110 F.62 110

F.63 105 F.64 78 F.65 48,5,52,53,56,67,70. F.66 37 F.68 78,82,82,88,220.

F.72 48 F.73 99 F.74 50

FEATURE MAGNETIC SUSCEPTIBILITY DATA

CONTEXT / DEPTH / SI/Kgx10(-8)

F.33 (1)

0-10	69	20-30	68	40-50	49	60-70	52
80-90	34	100-110	24				

F.33 (3)

0-10	67	20-30	68	40-50	60	60-70	38
80-90	14	100-110	18				

F.33 (9)

0-20	108	20-40	104	40-60	75	60-75	9

F.57

0-20	11	20-40	12	40-60	17	60-80	14
80-100	14						

Table M1: The percentages of clay, silt, sand and gravel for ridge and furrow sample series 1.

Sample	% Clay	% Silt	% Sand	% Gravel
A : 1	5.625	28.75	65.625	29.0
2	5.625	30.625	63.75	25.0
3	6.875	31.875	61.25	28.6
4	7.5	31.25	61.25	14.75
5	11.25	30.0	58.75	20.3
6	12.5	30.0	57.5	17.0
7	8.75	30.0	61.25	24.25
8	8.75	31.25	60.0	9.25
9	7.5	30.0	62.5	10.35
10	10.0	27.5	62.5	14.3
11	7.5	32.5	60.0	8.35
12	8.75	31.25	60.0	8.9
13	10.0	32.5	57.5	17.0
14	7.5	31.25	61.25	11.8
15	7.5	31.25	61.25	11.4
16	8.75	31.25	60.0	21.7
17	15.0	27.5	57.5	15.7
18	8.125	31.875	60.0	19.6
19	10.0	28.75	61.25	23.2
20	7.5	32.5	60.0	14.7
21	10.0	30.0	60.0	17.4
22	11.875	30.0	58.125	11.8
23	8.75	31.25	60.0	18.9
A_1: 1	10.0	28.125	61.875	26.6
2	10.0	28.75	61.25	61.25
3	12.5	28.75	58.75	19.35
4	11.875	26.875	61.25	15.1
5	10.0	32.5	57.5	18.0
6	12.5	30.0	57.5	3.6
7	11.875	25.625	62.5	18.6
8	8.75	33.75	57.5	15.0
9	8.75	30.0	61.25	9.4
10	11.25	31.25	57.5	10.7
11	10.625	32.5	58.875	16.0
12	10.0	31.25	58.75	13.3

Table M1 continued :

Sample	% Clay	% Silt	% Sand	% Gravel
A_1:13	8.75	31.25	60.0	15.7
14	12.5	28.125	59.375	8.9
15	10.625	29.375	60.0	11.1
16	10.0	26.25	63.75	14.1
17	8.75	27.5	63.75	12.4
18	11.25	28.125	60.625	8.8
19	8.75	28.75	62.5	11.85
20	12.5	28.75	58.75	9.1
21	12.5	28.75	58.75	10.4
22	16.25	27.5	56.25	15.5
23	13.75	30.0	56.25	19.6
Pit:				
40-50	12.5	28.75	58.75	15.9
70-80	12.5	25.0	62.5	14.0
100-110cm	12.5	28.75	58.75	10.9

Table M2 : The four statistical measures for the sand fraction of ridge and furrow sample series 1.

Sample	Mz	σ	Sk	K_G
A : 1	1.43	-0.17	0.065	1.71
2	1.51	-0.08	0.08	1.72
3	1.46	-0.09	0.15	1.91
4	1.5	-0.01	0.12	1.81
5	1.81	0.15	-0.27	1.45
6	1.58	0.04	0.04	1.63
7	1.61	-0.08	0.05	1.6
8	1.58	-0.15	0.1	1.71
9	1.5	-0.09	0.06	1.76
10	1.56	1.89	0.01	1.78
11	1.61	-5.3	-0.05	1.68
12	1.55	3.78	-0.11	1.34
13	1.6	-0.03	-9.67	1.68
14	1.58	-0.08	0.07	1.76
15	1.53	-3.03	-8.79	1.54
16	1.73	0.05	0.33	1.24
17	1.6	0.03	0	1.47
18	1.56	-0.07	0.07	1.61
19	1.61	-0.03	-0.01	1.7
20	1.71	0.09	-0.14	1.36
21	1.53	-0.06	0.05	1.72
22	1.68	0.08	-0.09	1.42
23	1.7	1.89	8.42	1.59
A_1: 1	1.53	-0.11	0.12	1.69
2	1.53	9.09	-0.11	1.68
3	1.48	-0.14	0.03	1.82
4	1.58	-0.09	0.02	1.6
5	1.65	-0.02	0.04	1.49
6	1.7	-0.02	8.23	1.68
7	1.58	-0.11	0.16	1.63
8	1.56	-0.13	0.09	2.12
9	1.65	-0.06	0.05	1.52
10	1.58	-0.09	0.02	1.63
11	1.6	-0.08	0.05	1.58
12	1.56	-0.14	0.05	1.71

Table M2 continued :

Sample	Mz	σ	Sk	K_G
A_1:13	1.61	-0.05	0.02	1.59
14	1.46	-0.09	-0.02	1.27
15	1.58	-0.01	0.04	1.54
16	1.65	-0.05	0.06	1.63
17	1.61	-0.08	-0.08	1.49
18	1.56	-0.05	0.02	1.61
19	1.58	2.27	-0.03	1.7
20	1.51	-0.12	0.05	1.8
21	1.66	-0.04	-0.02	1.56
22	1.53	-0.04	-7.33	1.7
23	1.56	-0.07	0.09	1.74
Pit:				
40-50	1.36	-0.37	0.2	1.91
70-80	1.58	-0.02	-0.05	1.77
100-110 cm	1.5	-0.04	0.06	1.9

Table M3 : The four statistical measures for the silt fraction of ridge and furrow sample series 1.

Sample	Mz	σ	Sk	K_G
A : 1	6.7	1.44	-0.07	0.84
2	6.7	1.23	0.035	0.8
3	6.86	1.37	-0.015	0.68
4	7.11	1.41	0.12	0.77
5	6.8	1.21	0.08	0.82
6	6.8	1.24	-0.01	0.73
7	6.76	1.14	0.54	2.3
8	6.95	1.26	0.07	0.86
9	7.01	1.48	-0.13	0.82
10	6.73	1.35	0.015	0.81
11	6.63	1.08	0.14	0.76
12	6.75	1.22	4.145	0.86
13	6.73	1.24	-0.05	0.64
14	6.73	1.27	-0.085	0.72
15	6.65	1.24	0.02	0.91
16	6.58	1.2	0.06	0.86
17	6.96	1.43	-0.14	0.74
18	6.65	1.26	-0.025	0.85
19	6.68	1.11	0.15	0.87
20	6.61	1.17	-0.025	0.81
21	6.83	1.3	6.56	0.78
22	6.76	1.2	-0.01	0.75
23	6.69	1.15	0.09	0.75
A_1: 1	6.65	1.23	-0.09	0.8
2	7.08	1.16	0.56	0.86
3	6.58	1.2	-0.05	0.79
4	6.33	1.18	0.04	0.81
5	6.55	1.18	-0.03	0.84
6	6.65	1.25	-0.06	0.8
7	6.63	1.31	-0.11	0.74
8	6.65	1.11	0.06	0.79
9	6.7	1.21	5.76	0.87
10	6.7	1.29	-0.11	0.81
11	6.65	1.26	0.08	0.81
12	7.0	1.26	0.08	0.87

Table M3 continued :

Sample	Mz	σ	Sk	K_G
A_1:13	6.76	1.27	0.02	0.82
14	6.86	1.36	-0.1	0.65
15	7.03	1.39	0.08	0.73
16	6.66	1.22	0.05	0.95
17	6.65	1.22	0.03	0.99
18	6.76	1.16	-2.83	0.77
19	6.76	1.24	0.02	0.77
20	6.35	1.15	0.09	0.78
21	6.61	1.27	2.85	0.95
22	6.81	1.3	0.07	0.93
23	6.5	1.32	-0.13	0.84
Pit:				
40-50	6.33	1.32	-0.06	0.89
70-80	6.41	1.34	-0.03	1.01
100-110 cm	6.63	1.3	-0.06	0.8

Table M4 : The percentages of clay, silt, sand and gravel for ridge and furrow sample series 2.

Sample	% Clay	% Silt	% Sand	% Gravel
A : 1	17.5	27.5	55.0	9.5
2	15.0	36.25	48.75	10.3
3	15.0	31.25	53.75	10.8
4	16.25	31.25	52.5	9.85
5	8.75	38.75	52.5	15.0
6	12.5	35.0	52.5	13.3
7	15.0	33.75	51.25	9.6
8	13.75	32.5	53.75	18.9
9	10.0	28.75	61.25	11.8
10	7.5	33.75	58.75	9.4
11	8.75	33.75	57.5	13.3
12	8.75	31.25	60.0	11.3
13	13.75	30.0	56.25	9.4
14	12.5	27.5	60.0	24.75
15	16.25	27.5	56.25	10.15
16	13.75	28.75	57.5	16.65
17	12.5	31.25	56.25	14.3
18	12.5	33.75	53.75	10.0
19	17.5	31.25	51.25	15.9
20	12.5	30.0	57.5	16.3
21	11.25	31.25	57.5	14.3
22	12.5	31.25	56.25	14.3
23	12.5	32.5	55.0	12.25
24	15.0	28.75	56.25	12.7
25	12.5	28.75	58.75	20.4
26	10.0	31.25	58.75	12.0
27	12.5	27.5	60.0	12.75
28	13.75	26.25	60.0	13.6
29	13.75	28.75	57.5	11.6
30	12.5	31.25	56.25	11.1
31	16.25	28.75	55.0	17.05
B : 10	10.0	18.75	71.25	63.15
11	12.5	16.25	71.25	63.0
12	10.0	20.0	70.0	64.5
13	12.5	30.0	57.5	41.65
14	12.5	25.0	62.5	60.9

Table M4 continued :

Sample	% Clay	% Silt	% Sand	% Gravel
B : 15	8.75	22.5	68.75	62.0
16	10.0	22.5	67.5	56.6
17	12.5	28.75	58.75	14.3
18	13.75	27.5	58.75	24.0
19	6.25	32.5	61.25	19.5
20	10.0	30.0	60.0	14.5
21	12.5	28.75	58.75	12.3
22	8.75	25.0	66.25	62.0
23	7.5	31.25	61.25	16.3
24	10.0	18.75	71.25	55.1
25	12.5	23.75	63.75	50.0
26	12.5	28.75	58.75	38.3
27	12.5	30.0	57.5	54.7
28	11.25	22.5	66.25	57.5
29	13.75	25.0	61.25	50.0
30	11.25	28.75	60.0	47.5
Ditches:				
1	7.5	26.25	66.25	26.45
2	10.0	27.5	62.5	38.2
3	12.5	27.5	60.0	20.3

Table M5 : The four statistical measures for the sand fraction for ridge and furrow sample series 2.

Sample	Mz	σ	Sk	K_G
A : 1	1.55	-0.14	0.13	2.12
2	1.56	-0.08	0.06	1.68
3	1.56	-0.05	0.1	1.82
4	1.53	-0.11	0.05	1.79
5	1.58	-0.03	-0.06	1.55
6	1.48	-0.11	0.01	1.74
7	1.6	-0.01	0.01	1.9
8	1.6	-7.57	0.05	1.83
9	1.53	-0.08	0.02	1.83
10	1.51	-0.13	0.04	1.67
11	1.61	0.02	0.01	1.82
12	1.56	-0.08	0.03	1.68
13	1.5	-0.08	0.05	1.82
14	1.51	-0.15	0.05	1.71
15	1.51	-0.14	0.07	1.85
16	1.51	-0.11	-0.03	1.61
17	1.48	-0.09	0.04	1.79
18	1.46	-0.15	0.1	1.85
19	1.51	-0.17	0.05	1.63
20	1.6	-0.07	4.74	1.65
21	1.58	-0.09	-0.03	1.51
22	1.53	-0.05	0.01	1.95
23	1.51	-0.12	0.03	1.85
24	1.51	-0.05	0.02	1.77
25	1.63	-0.16	3.96	1.49
26	1.63	-0.08	-0.04	1.49
27	1.5	-0.09	0.1	1.63
28	1.5	-0.08	0.05	1.63
29	1.58	-0.13	0.09	1.6
30	1.56	-0.08	0.01	1.65
31	1.56	-0.06	-0.01	1.59
B :10	1.16	-0.38	0.21	1.35
11	0.91	-0.03	0.06	1.24
12	1.21	-0.15	0.11	1.5
13	1.58	0 04	-0.13	1.36
14	1.2	-0.33	0.19	1.47

Table M5 continued :

Sample	Mz	σ	Sk	K_G
B :15	1.58	-0.11	0.07	1.7
16	1.53	-0.13	-0.03	1.45
17	1.55	-0.04	0.03	1.57
18	1.55	-0.06	6.84	1.49
19	1.45	-0.21	0.05	1.39
20	1.5	-0.13	-4.76	1.41
21	1.38	-0.12	0.04	1.32
22	1.36	-0.21	0.18	1.67
23	1.76	0.03	-0.08	1.5
24	1.23	-0.23	0.16	1.57
25	1.31	-0.24	0.15	1.58
26	1.61	-0.13	0.04	1.6
27	1.45	-0.19	0.09	1.65
28	1.41	-0.23	0.14	1.77
29	1.46	-0.2	0.1	1.84
30	1.46	-0.19	0.09	1.65
Ditches:				
1	1.56	-0.04	-0.01	1.72
2	1.41	-0.24	0.04	1.49
3	1.56	-0.11	0.07	1.58

Table M6 : The four statistical measures for the silt fraction for ridge and furrow sample series 2.

Sample	Mz	σ	Sk	K_G
A : 1	6.96	1.31	0.11	1.15
2	6.53	1.17	0.05	0.8
3	6.8	1.2	-3.49	0.73
4	6.66	1.14	0.05	0.78
5	6.98	1.3	0.05	0.91
6	6.8	1.17	0.09	0.92
7	6.85	1.24	0.12	0.72
8	6.91	1.27	0.11	0.72
9	6.9	1.33	0.01	0.94
10	6.86	1.31	0.02	0.86
11	6.78	1.33	-5.66	0.86
12	6.78	1.38	-0.1	0.85
13	6.51	1.21	0.15	0.83
14	6.58	1.32	0.09	0.88
15	6.76	1.24	-0.05	0.79
16	6.85	1.36	-0.13	0.7
17	6.58	1.29	0.13	0.9
18	6.51	1.23	0.03	0.81
19	6.61	1.16	0.05	0.83
20	6.63	1.33	-0.02	0.87
21	6.95	1.33	0.02	0.96
22	6.85	1.25	0.05	0.99
23	6.93	1.28	0.1	0.76
24	6.91	1.26	0.04	0.72
25	6.68	1.35	-0.01	0.92
26	6.45	1.2	0.05	0.76
27	6.83	1.41	-0.21	0.91
28	6.61	1.27	-0.16	0.79
29	6.7	1.25	0.03	1.0
30	6.4	1.25	0.03	0.91
31	6.85	1.33	2.84	0.91
B :10	6.01	1.21	0.11	0.89
11	5.98	1.23	0.32	0.83
12	6.73	1.15	-0.12	0.69
13	6.43	1.23	0.14	0.76
14	6.46	1.28	-0.18	0.85

Table M6 continued :

Sample	Mz	σ	Sk	K_G
B :15	6.28	1.17	0.07	0.81
16	6.45	1.24	5.88	0.96
17	6.75	1.37	-0.24	0.77
18	6.55	1.2	-0.07	0.81
19	6.58	1.17	0.03	0.84
20	6.58	1.3	-0.11	0.93
21	6.45	1.29	-0.17	0.79
22	6.45	1.24	-0.08	0.94
23	6.3	1.25	-0.06	1.05
24	6.48	1.26	0.02	0.97
25	6.45	1.2	-0.04	0.87
26	6.28	1.11	-0.16	0.8
27	6.43	1.13	0.03	0.77
28	6.48	1.34	-0.03	0.93
29	6.43	1.35	-0.07	0.79
30	6.5	1.25	0.01	0.81
Ditches:				
1	6.43	1.11	-0.1	0.8
2	6.45	1.22	-0.21	0.82
3	6.58	1.37	-0.26	0.68

Table M7 : The mean size, fine/coarse ratio, median sand and parts per million alkali-soluble humus for ridge and furrow sample series 1.

Sample	Mz	F/C	Median Sand	ppm Humus
A : 1	3.26	0.52	1.45	3.5
2	3.48	0.56	1.55	4.9
3	3.66	0.63	1.5	3.3
4	3.75	0.63	1.55	3.6
5	4.13	0.7	1.55	6.2
6	4.11	0.74	1.6	4.4
7	3.75	0.63	1.6	6.3
8	3.88	0.66	1.6	6.3
9	3.65	0.6	1.5	5.6
10	3.66	0.6	1.55	6.2
11	3.81	0.66	1.55	6.0
12	3.88	0.66	1.5	3.8
13	4.05	0.74	1.55	3.3
14	3.75	0.63	1.55	5.6
15	3.68	0.63	1.55	6.6
16	3.78	0.66	1.65	5.6
17	4.28	0.74	1.6	7.0
18	3.73	0.66	1.6	6.6
19	3.83	0.63	1.6	7.0
20	3.75	0.66	1.6	6.6
21	3.93	0.66	1.55	7.6
22	4.05	0.72	1.6	6.6
23	3.88	0.66	1.65	6.4
A_1: 1	3.75	0.61	1.6	5.4
2	3.85	0.63	1.4	4.2
3	3.95	0.7	1.45	7.6
4	3.73	0.63	1.55	7.3
5	3.95	0.74	1.65	7.9
6	4.15	0.74	1.65	8.8
7	3.8	0.6	1.65	13.5
8	3.88	0.74	1.6	12.4
9	3.76	0.63	1.65	12.1
10	4.0	0.74	1.55	14.2

Table M7 continued :

Sample	Mz	F/C	Median Sand	ppm. Humus
A_1:11	4.03	0.76	1.6	10.2
12	4.01	0.7	1.55	12.3
13	3.86	0.66	1.6	5.7
14	4.06	0.68	1.45	4.0
15	3.93	0.66	1.6	10.0
16	3.66	0.57	1.65	7.8
17	3.6	0.57	1.5	7.8
18	3.96	0.65	1.55	11.1
19	3.7	0.6	1.55	8.4
20	3.9	0.7	1.5	10.2
21	4.03	0.7	1.6	7.3
22	4.28	0.77	1.5	5.6
23	4.05	0.77	1.6	3.8
Pit:				
40-50	3.81	0.7	1.55	6.6
70-80	3.7	0.6	1.5	4.9
100-[illegible] cm	[illegible]	0.7	1.5	5.7

Table M8 : The mean size,fine/coarse ratio,median sand and parts per million alkali-soluble humus for ridge and furrow sample series 2,and pH values.

Sample	Mz	F/C	Median Sand	ppm Humus	pH
A : 1	-	0.81	1.55	0.7	7.2
2	4.78	1.05	1.55	0.9	
3	4.35	0.86	1.55	0.7	
4	4.45	0.9	1.5	0.7	
5	4.33	0.9	1.5	1.2	7.0
6	4.36	0.89	1.45	0.8	
7	4.56	0.95	1.55	1.1	
8	4.28	0.86	1.6	0.9	
9	3.75	0.63	1.5	1.2	
10	3.78	0.7	1.5	1.2	6.9
11	3.85	0.74	1.6	4.0	
12	3.8	0.66	1.55	6.3	
13	4.01	0.77	1.5	2.4	
14	3.8	0.66	1.5	0.7	
15	4.28	0.77	1.5	2.5	6.9
16	4.15	0.74	1.45	2.8	
17	4.0	0.77	1.5	2.0	
18	4.11	0.86	1.5	2.6	
19	-	0.95	1.5	3.3	
20	3.95	0.74	1.55	2.8	7.0
21	4.08	0.74	1.5	14.2	
22	4.1	0.77	1.45	4.4	
23	4.2	0.81	1.5	11.0	
24	4.25	0.77	1.55	5.6	
25	4.01	0.7	1.5	7.8	7.0
26	3.83	0.7	1.55	12.7	
27	3.95	0.66	1.55	6.6	
28	3.95	0.66	1.5	6.6	
29	3.68	0.74	1.6	6.6	
30	3.98	0.77	1.55	11.7	6.9
31	4.33	0.81	1.55	11.7	
B :10	2.83	0.4	1.4	1.2	7.4
11	2.85	0.4	0.95	1.2	
12	3.43	0.42	1.3	3.3	
13	3.85	0.74	1.5	3.0	
14	3.58	0.6	1.4	3.8	

Table M8 continued :

Sample	Mz	F/C	Median Sand	ppm Humus	pH
B :15	3.31	0.45	1.55	4.3	7.5
16	3.06	0.48	1.4	14.5	
17	4.0	0.7	1.55	3.1	
18	4.03	0.7	1.55	4.8	
19	3.51	0.63	1.45	6.3	
20	3.68	0.66	1.45	6.1	7.5
21	3.76	0.7	1.4	4.8	
22	3.15	0.5	1.45	3.0	
23	3.53	0.63	1.65	6.3	
24	3.06	0.4	1.35	4.8	
25	3.36	0.56	1.4	8.4	7.4
26	3.93	0.7	1.6	6.7	
27	3.95	0.74	1.5	8.4	
28	3.38	0.5	1.55	6.3	
29	3.76	0.47	1.5	7.6	
30	3.78	0.66	1.5	5.6	
Ditches:					
1	3.28	0.5	1.55	5.8	
2	3.56	0.44	1.4	6.0	
3	3.7	0.66	1.6	6.8	

Table M9 : The pH and alkali-soluble humus content of the linear features at Maxey.

Sample	pH(H_2O/KCl)	ppm Humus
F.161:1: 0-10	7.7	4.4
10-20	7.7	4.2
20-30	7.4	5.4
30-40	7.5	4.5
40-50	7.5/6.8	3.8
50-60	7.5	4.2
F.161:11:15-25	7.6/6.8	1.8
25-35	7.5	2.6
F.161:17:15-25	7.6	1.5
25-35	7.5	3.0
F.161:19: 5-25	7.5	2.6
25-50	7.6/6.9	2.4
F.161:21: 5-25	7.7	2.0
25-50	7.6	3.3
F.108:1:25-50	7.7	3.7
F.156:1: 0-10	7.7	5.8
10-20	7.6/6.7	3.2
20-30 cm	7.6	2.8
F50:1	7.5	4.0
3	7.6	6.0
8	7.5	4.3
10	7.6	3.8
F.101:2	7.6	2.4
0	7.6	4.0
5	7.7	3.0
F60:50: 0- 8	7.5	1.65
8-16	7.4	1.65
16-24	7.5	1.75
24-32	7.8	1.65
32-40	8.0	1.7
F517:1: 0-10	7.3	1.85
10-20	7.7	1.85
20-30	7.6	2.1
F523:1: 0-10	7.0	1.7
10-20	7.1	1.65
20-30	7.0	1.75
30-40 cm	8.0	1.65

Table M9 continued :

Sample	pH(H_2O/KCl)	ppm Humus
F541: 15-25	7.0	2.1
35-45	7.4	1.85
45-55	7.5/6.8	1.7
55-65	7.5	1.7
65+	8.2	0.25
F542: 30-40	7.3	2.15
F607: 10: 20-30	7.3	1.6
70-80	7.2	1.75
95-105 cm	8.1	1.75
F600:		
A: 1	7.6	1.8
10	7.7/6.8	1.8
20	7.8	1.75
B: 1	7.8	1.75
12	7.6	1.85
24	7.8	1.85
C: 1	7.3	3.5
2	7.7/6.8	3.55
6	7.3	3.45
D: 1	7.7	5.5
4	7.7/6.8	4.5
8	7.7	4.45

Table M10 : The percentages of clay, silt, sand and gravel in the cursus ditches at Maxey.

Sample	% Clay	% Silt	% Sand	% Gravel
South Ditch:				
F517:1: 0-10	11.25	40.0	48.75	2.0
10-20	16.25	33.75	50.0	3.6
20-30 cm	11.25	31.25	57.5	25.5
3: 0- 8	15.0	31.25	53.75	2.4
8-16 cm	10.0	32.5	57.5	6.5
North Ditch:				
F60:50: 0- 8	21.25	30.0	48.75	4.1
8-16	12.5	31.25	56.25	4.9
16-24	18.75	32.5	48.75	12.1
24-32	9.375	18.125	72.5	63.2
32-40 cm	20.0	30.0	50.0	5.8

Table M11 : The four statistical measures for the sand fraction of the cursus ditches at Maxey.

Sample	Mz	σ	Sk	K_G
South Ditch:				
F517:1: 0-10	2.23	-0.13	-0.3	1.04
10-20	1.8	0.08	-0.16	1.22
20-30 cm	1.6	-0.06	-0.02	1.44
3: 0- 8	1.6	-0.01	-0.1	1.48
8-16 cm	1.66	0.07	-0.11	1.47
North Ditch:				
F60:50: 0- 8	1.53	-0.15	0.07	1.73
8-16	1.66	0.02	-0.06	1.37
16-24	1.71	0.05	-0.05	1.37
24-32	1.31	-0.14	0.12	1.6
32-40 cm	1.75	0.1	-0.07	1.16

Table M12: The four statistical measures for the silt fraction of the cursus ditches at Maxey.

Sample	Mz	σ	Sk	K_G
South Ditch:				
F517:1: 0-10	6.4	1.26	-0.26	0.82
10-20	6.35	1.38	-0.28	0.84
20-30 cm	6.4	1.18	-0.02	0.82
3: 0- 8	6.41	1.16	0.01	0.84
8-16 cm	6.78	1.22	0.09	0.8
North Ditch:				
F60:50: 0- 8	6.75	1.22	0.07	0.79
8-16	6.6	1.34	-0.09	0.8
16-24	6.33	1.16	-0.08	0.87
24-32	6.66	1.24	0.14	0.92
32-40 cm	6.41	1.14	0.04	0.84

Table M13 : The percentages of clay, silt, sand and gravel in the mortuary structure at Maxey.

Sample	% Clay	% Silt	% Sand	% Gravel
Ap: 5-15	0	40.0	60.0	4.5
15-25	21.25	28.75	50.0	1.6
25-35 cm	17.5	35.0	47.5	2.3
35-45 cm :				
1	10.625	41.875	47.5	13.3
2	17.5	36.25	46.25	7.8
3	17.5	35.0	47.5	1.0
4	20.0	35.0	45.0	0.5
5	17.5	27.5	55.0	3.0
6	16.25	33.75	50.0	4.0
7	18.75	31.25	50.0	6.3
8	12.5	27.5	60.0	18.9
9	10.0	26.25	63.75	13.2
45-55 cm :				
1	10.0	25.0	65.0	17.5
2	11.25	28.75	60.0	8.3
3	18.75	28.75	52.5	16.0
4	11.25	23.75	65.0	12.5
5	16.25	16.25	67.5	17.0
6	8.75	18.75	72.5	20.0
7	17.5	15.0	67.5	19.2
8	18.75	21.25	60.0	18.2
9	7.5	25.0	67.5	25.0
55-65 cm :				
1	13.75	26.25	60.0	18.0
2	15.0	22.5	62.5	23.8
3	12.5	17.5	70.0	22.2
4	7.5	12.5	80.0	10.0
5	13.75	11.25	75.0	10.0
6	12.5	15.0	72.5	10.4
65-75 cm	7.5	10.0	82.5	77.0
Mound material over ditch :	22.5	32.5	45.0	8.6

Table M13 continued :

Sample	% Clay	% Silt	% Sand	% Gravel
Ditch F542 :				
0 -10	2.5	42.5	55.0	1.9
10-20	12.5	31.25	56.25	11.0
20-30	11.25	23.75	65.0	2.75
30-40	10.0	22.5	67.5	5.2
40-50 cm	0	30.0	70.0	2.5

Table M14 : The four statistical measures for the sand fraction of the mortuary structure at Maxey.

Sample	Mz	σ	Sk	K_G
Ap: 5-15	1.58	-0.03	-0.025	1.59
15-25	1.73	0.08	-0.15	1.36
25-35 cm	1.66	0.085	-0.17	1.24
35-45 cm:				
1	1.83	0.02	-0.12	1.16
2	1.75	0.11	-0.48	1.22
3	1.65	0.05	-0.24	1.1
4	1.86	0.08	-0.16	1.19
5	1.86	0.13	-0.2	1.11
6	1.81	0.13	-0.2	1.24
7	1.8	-0.05	-0.18	1.19
8	1.71	-0.02	-0.015	1.56
9	1.66	-0.06	0.025	1.31
45-55 cm :				
1	1.55	-0.22	0.05	1.36
2	1.45	-0.27	0.06	1.28
3	1.53	-0.22	0.12	1.39
4	1.3	-0.28	0.11	1.34
5	1.23	-0.12	0.25	1.49
6	1.35	-0.21	0.11	1.42
7	0.9	-0.37	0.21	1.18
8	1.45	-0.23	0.13	1.62
9	1.45	-0.21	0.11	1.46
55-65 cm :				
1	1.15	-0.4	0.11	1.19
2	1.55	0.12	-0.12	1.68
3	1.7	0.14	-0.09	1.43
4	1.2	-0.12	0.24	1.59
5	0.98	-0.25	0.23	1.19
6	0.66	-0.46	0.14	1.16
65-75 cm	1.08	-0.25	0.25	1.17
Mound material over ditch :	1.71	0.1	-0.2	1.5

Table M14 continued :

Sample	Mz	σ	Sk	K_G
Ditch F542 :				
0 -10	1.9	0.065	-0.14	1.06
10-20	1.9	0.02	-0.13	1.08
20-30	1.75	0.1	-0.13	1.19
30-40	1.75	0.02	-0.07	1.1
40-50 cm	1.93	0.08	-0.12	1.12

Table M15 : The four statistical measures for the silt fraction of the mortuary structure at Maxey.

Sample	Mz	σ	Sk	K_G
Ap: 5-15	6.33	1.54	0.17	1.44
15-25	6.3	1.29	-0.19	0.65
25-35 cm	6.33	1.18	-0.08	0.91
35-45 cm :				
1	6.51	1.18	0.06	0.83
2	6.43	1.23	-0.19	0.88
3	6.33	1.29	-0.32	0.89
4	6.05	1.2	-0.21	0.79
5	5.95	1.27	-0.22	1.06
6	6.1	1.45	-0.1	0.78
7	6.18	1.11	-0.31	0.83
8	6.41	1.3	0.02	0.93
9	6.31	1.32	-0.12	1.01
45-55 cm :				
1	6.26	1.17	-0.23	1.0
2	6.16	1.15	-0.13	0.81
3	6.1	1.26	-0.35	1.1
4	6.2	1.2	-0.12	0.89
5	6.28	1.07	-0.06	0.67
6	6.45	1.29	-0.14	1.1
7	6.46	1.34	-0.02	0.92
8	6.4	1.36	-0.26	0.86
9	6.68	1.04	0.12	0.69
55-65 cm :				
1	6.8	1.06	0.26	0.73
2	6.75	1.21	0.04	0.77
3	6.85	1.17	0.16	0.78
4	6.43	1.11	-0.09	0.81
5	5.93	1.07	-0.18	0.55
6	7.01	1.29	0.26	0.87
65-75 cm	5.98	1.16	-0.33	0.9
Mound material over ditch :	6.21	1.19	-0.28	1.06

Table M15 continued :

Sample	Mz	σ	Sk	K_G
Ditch F542 :				
0 -10	5.96	1.31	0.14	1.0
10-20	6.26	1.33	-0.32	1.03
20-30	6.15	1.25	-0.02	1.06
30-40	6.08	1.18	0.09	0.86
40-50 cm	5.98	1.44	0.03	0.72

Table M16 : The percentages of clay,silt,sand and gravel in the henge ditch at Maxey.

Sample	% Clay	% Silt	% Sand	% Gravel
F523:16: 0-10	17.5	27.5	55.0	24.6
25-35	0	50.0	50.0	11.9
14: 0-10	7.5	21.25	71.25	4.5
30-40	1.25	21.25	77.5	76.3
1: 0-10	15.0	25.0	60.0	13.0
10-20	10.0	22.5	67.5	55.4
20-30	10.0	20.0	70.0	79.5
30-40	10.0	25.0	65.0	73.0
3: 0-10	7.5	27.5	65.0	12.5
20-30	7.5	23.75	68.75	65.0
5: 0-10	2.5	26.25	71.25	10.9
20-30	0	36.25	63.75	78.1
7: 0-10	13.75	28.75	57.5	22.55
25-35	6.25	28.75	65.0	80.35
20:				
Ap:10-20	13.75	28.75	57.5	8.3
35-45	11.25	21.25	67.5	14.5
50-60 cm	11.25	21.25	67.5	4.4

Table M17 : The four statistical measures for the sand fraction of the henge ditch at Maxey.

Sample	Mz	σ	Sk	K_G
F523:16: 0-10	1.4	-0.25	0.1	1.57
25-35	1.58	-0.17	0.08	1.43
14: 0-10	1.73	0.11	-0.11	1.32
30-40	0.93	-0.25	0.24	1.05
1: 0-10	1.61	7.2	0	1.51
10-20	1.51	-0.17	0.05	1.75
20-30	1.33	-0.19	0.14	1.56
30-40	1.38	-0.2	0.11	1.6
3: 0-10	1.4	-0.25	0.05	1.54
20-30	1.21	-0.49	0.26	1.28
5: 0-10	1.76	-0.04	-0.23	0.98
20-30	1.93	0.07	-0.12	1.15
7: 0-10	1.76	0.05	-0.14	1.1
25-35	1.36	-0.16	0.12	1.55
20:				
Ap: 10-20	1.53	-0.03	-0.01	1.68
35-45	1.63	0.025	-0.04	1.59
50-60 cm	1.66	0.06	-0.1	1.22

Table M18 : The four statistical measures for the silt fraction of the henge ditch at Maxey.

Sample	Mz	σ	Sk	K_G
F523:16: 0-10	6.8	1.17	0.09	0.8
25-35	6.46	1.49	0.06	1.63
14: 0-10	6.23	1.27	-0.07	1.12
30-40	5.98	1.2	-0.38	1.0
1: 0-10	6.2	1.16	-0.03	0.84
10-20	6.3	1.34	-0.3	0.93
20-30	6.36	1.31	-0.12	0.9
30-40	6.23	1.34	0.07	1.21
3: 0-10	6.01	1.19	-0.08	0.93
20-30	6.23	1.1	-0.17	1.07
5: 0-10	6.38	1.26	-0.17	0.91
20-30	6.11	1.32	0.3	1.04
7: 0-10	6.05	1.3	-0.27	0.96
25-35	6.26	1.25	-0.17	1.0
20:				
Ap: 10-20	6.61	1.11	0.12	0.74
35-45	6.66	1.34	-0.06	0.78
50-60 cm	6.33	1.31	-0.08	0.86

Table M19 : The percentages of clay,silt,sand and gravel from the central ring-ditch at Maxey.

Sample	% Clay	% Silt	% Sand	% Gravel
E600: layer 4:				
A:1	28.75	10.0	61.25	13.3
2	26.25	15.0	58.75	2.85
3	30.0	12.5	57.5	1.6
4	35.0	12.5	52.5	1.9
5	18.75	17.5	63.75	1.3
6	20.0	16.25	63.75	3.5
7	17.5	21.25	61.25	2.25
8	26.25	16.25	57.5	1.7
9	15.0	22.5	62.5	3.7
10	12.5	23.75	63.75	4.6
11	13.75	22.5	63.75	5.5
12	15.0	20.0	65.0	4.8
13	15.0	20.0	65.0	6.6
14	15.0	21.25	63.75	7.3
15	16.25	22.5	61.25	8.4
16	16.25	25.0	58.75	6.875
17	13.75	20.0	66.25	8.6
18	13.75	20.0	66.25	5.1
19	15.0	15.0	70.0	8.1
20	12.5	20.0	67.5	11.7
21	12.5	15.0	72.5	6.2
22	12.5	17.5	70.	9.1
B:1	11.25	11.25	77.5	[illegible]9
2	13.75	16.25	70.0	[illegible]1
3	10.0	20.0	70.0	4.3
4	13.75	16.25	70.0	11.8
5	13.75	13.75	72.5	3.3
6	13.75	20.0	66.25	4.5
7	11.25	21.25	67.5	6.4
8	11.25	22.5	66.25	12.25
9	15.0	27.5	57.5	5.5
10	13.75	26.25	60.0	3.3
11	12.5	27.5	60.0	3.8
12	15.0	26.25	58.75	7.2
13	16.25	28.75	55.0	1.0
14	16.25	25.0	58.75	1.6

Table M19 continued :

Sample	% Clay	% Silt	% Sand	% Gravel
B:15	15.0	17.5	67.5	3.2
16	13.75	21.25	65.0	1.9
17	15.0	17.5	67.5	2.6
18	16.25	18.75	65.0	2.2
19	15.0	28.75	56.25	3.1
20	12.5	31.25	56.25	4.3
21	15.0	26.25	58.75	1.9
22	15.0	28.75	56.25	1.8
23	8.75	33.75	57.5	2.45
24	8.75	33.75	57.5	2.5
25	7.5	30.0	62.5	3.9
26	8.75	31.25	60.0	21.15
F607:8:40-50	8.75	23.75	67.5	5.0
70-80 cm	7.5	22.5	70.0	72.0
F607:10:20-30	13.75	26.25	60.0	5.5
40-50	11.25	23.75	65.0	27.8
70-80	10.0	25.0	65.0	5.45
95-105 cm	13.75	18.75	67.5	77.0
F600:layer 3:				
C:1	17.5	26.25	56.25	0
2	16.25	25.0	58.75	0
3	16.25	27.5	56.25	0
4	15.0	22.5	62.5	0.7
5	20.0	35.0	45.0	0.6
6	18.75	35.0	46.25	2.0
7	15.0	25.0	60.0	5.9
F600: layer 5:				
D:1	18.75	35.0	46.25	0.5
2	15.0	27.5	57.5	3.2
3	13.75	28.75	57.5	2.2
4	15.0	30.0	55.0	6.9
5	15.0	27.5	57.5	3.0
6	16.25	26.25	57.5	3.7
7	16.25	27.5	56.25	6.8
8	8.75	30.0	61.25	4.3

Table M20 : The four statistical measures for the sand fraction of the central ring-ditch mound, Maxey.

Sample	Mz	σ	Sk	K_G
F600:layer 4:				
A:1	1.81	0.16	-0.15	1.14
2	1.83	0.17	-019	1.11
3	1.81	0.16	-0.16	1.01
4	1.83	0.16	-0.17	1.2
5	1.8	0.18	-0.23	1.09
6	1.85	0.19	-0.16	1.08
7	1.85	0.15	-0.12	1.11
8	1.81	0.15	-0.14	1.2
9	1.83	0.17	-0.19	1.24
10	1.86	0.16	-0.22	1.22
11	1.8	0.17	-0.13	1.38
12	1.81	0.14	-0.13	1.35
13	1.85	0.14	-0.11	1.24
14	1.83	0.19	-0.2	1.27
15	1.81	0.15	-0.14	1.2
16	1.85	0.18	-0.13	1.18
17	1.8	0.13	-0.17	1.4
18	1.8	0.14	-0.12	1.19
19	1.75	0.15	-0.11	1.39
20	1.88	0.05	-0.15	1.09
21	1.83	0.18	-0.19	1.4
22	1.91	0.11	-0.16	1.21
B:1	1.78	0.07	-0.02	1.2
2	1.83	0.16	-0.17	1.27
3	1.73	0.3	-0.04	1.19
4	1.85	0.17	-0.14	1.11
5	1.8	0.12	-0.1	1.26
6	1.83	0.16	-0.17	1.28
7	1.83	0.14	-0.17	1.19
8	1.85	0.14	-0.18	1.16
9	1.91	0.21	-0.19	1.05
10	1.91	0.18	-0.17	1.08
11	1.98	0.12	-0.12	1.0
12	1.86	0.18	-0.24	1.19
13	1.96	0.19	-0.23	1.05
14	1.88	0.17	-0.19	1.21

Table M20 continued :

Sample	Mz	σ	Sk	K_G
B:15	2.01	0.23	-0.29	1.09
16	1.96	0.22	-0.25	1.04
17	1.95	0.18	-0.21	1.01
18	1.86	0.19	-0.26	1.06
19	1.95	0.18	-0.21	1.1
20	1.95	0.17	-0.19	1.07
21	1.91	0.18	-0.15	1.1
22	1.91	0.2	-0.17	1.07
23	1.96	0.18	-0.23	1.04
24	1.96	0.15	-0.19	1.07
25	1.9	0.11	-0.16	1.22
26	2.03	-0.04	-0.25	1.16
F600: layer 3:				
C:1	1.85	0.1	-0.17	1.17
2	1.85	0.13	-0.18	1.16
3	1.85	0.13	-0.19	1.08
4	1.88	0.12	-0.21	1.08
5	1.95	0.14	-0.24	1.01
6	1.91	0.14	-0.19	1.12
7	1.96	0.085	-0.22	1.03
F600: layer 5:				
D:1	1.7	0.18	-0.08	1.84
2	1.73	0.16	-0.18	1.61
3	1.78	0.15	-0.25	1.33
4	1.68	0.19	-0.22	1.69
5	1.73	0.19	-0.22	1.72
6	1.61	0.18	-0.11	1.61
7	1.61	0.13	-0.1	1.66
8	1.61	0.16	-0.11	1.61
F607:8:40-50	2.06	0.05	-0.18	0.98
70-80 cm	1.55	-0.16	-0.025	1.15
F607:10:20-30	2.03	0.02	-0.16	0.92
40-50	1.91	0.03	-0.11	1.24
70-80	1.73	0.15	-0.19	1.26
95-105cm	1.53	-0.15	0.15	2.0

Table M21 : The four statistical measures for the silt fraction of the central ring-ditch mound, Maxey.

Sample	Mz	σ	Sk	K_G
E600:layer 4:				
A:1	5.78	1.31	0.05	0.9
2	6.01	1.13	-0.06	0.78
3	6.01	1.11	-0.29	0.72
4	6.26	1.31	-0.28	0.86
5	5.6	1.34	-0.34	1.6
6	6.33	1.26	9.43	0.88
7	6.91	1.29	-0.12	0.6
8	6.43	1.24	-0.04	0.92
9	6.28	1.42	-0.34	1.14
10	6.16	1.1	-0.24	0.99
11	6.41	1.18	-0.17	0.92
12	6.56	1.25	-0.12	1.3
13	6.43	1.21	0.04	0.81
14	6.36	1.22	5.61	0.93
15	6.56	1.15	-0.11	0.76
16	6.06	1.17	-0.11	0.88
17	6.2	1.19	-0.05	0.89
18	6.13	1.33	-0.17	0.9
19	6.51	1.31	-0.24	1.12
20	6.35	1.32	-0.16	1.1
21	5.83	1.27	0.03	0.89
22	5.61	1.28	-0.26	0.92
B:1	5.93	1.15	-0.26	0.84
2	5.88	1.11	-0.06	0.68
3	6.01	1.29	-0.06	1.01
4	6.06	1.19	-0.02	0.88
5	6.2	1.44	-0.17	1.21
6	6.2	1.31	-0.2	0.91
7	6.51	1.17	0.02	0.82
8	6.5	1.21	0	0.8
9	6.71	1.3	3.13	0.9
10	6.41	1.17	0.045	0.81
11	6.15	1.11	-0.17	0.78
12	6.06	1.24	-0.04	0.97
13	6.13	1.35	-0.23	1.02

Table M21 continued :

Sample	Mz	σ	Sk	K_G
B:14	6.45	1.25	-0.05	0.76
15	6.31	1.36	0.07	1.42
16	5.96	1.27	0.06	0.96
17	5.9	1.19	-0.24	0.88
18	5.95	1.2	-0.11	0.88
19	5.9	1.24	-0.05	0.9
20	5.76	1.25	-0.05	0.89
21	5.83	1.36	-0.22	1.08
22	5.93	1.3	-0.18	0.99
23	6.23	1.24	-0.07	0.93
24	6.31	1.26	-0.12	0.92
25	6.45	1.24	-0.25	0.89
26	6.15	1.23	-0.22	1.04
F600:layer 3:				
1	6.3	1.15	-0.03	0.76
2	6.35	1.15	-0.05	0.84
3	6.48	1.22	-0.22	0.83
4	6.48	1.25	-0.24	0.93
5	6.21	1.2	-0.06	0.97
6	6.35	1.18	-0.05	0.89
7	6.53	1.22	-0.09	0.86
F600:layer 5:				
1	6.45	1.31	-0.23	0.88
2	6.25	1.17	-0.04	1.02
3	6.35	1.24	-0.06	0.96
4	6.36	1.29	-0.16	0.9
5	6.33	1.36	-0.16	0.99
6	6.41	1.26	-0.15	0.95
7	6.18	1.18	-0.03	0.88
8	6.55	1.36	-0.05	0.96
F607:8:40-50	5.93	1.37	-0.2	1.11
70-80 cm	5.86	1.33	-0.18	1.12
F607:10:20-30	6.03	1.37	-0.35	1.15
40-50	6.1	1.33	-0.33	1.08
70-80	6.21	1.17	-0.21	0.95
95-105 cm	6.06	1.23	-0.37	1.11

Table M22 : The percentages of clay,silt,sand and gravel in the square barrow ditch at Maxey.

Sample	% Clay	% Silt	% Sand	% Gravel
F549:1: 0-15	2.5	36.25	61.25	10.6
15-25	22.5	28.75	48.75	14.3
30-40	10.0	20.0	70.0	73.4
50-60	16.25	13.75	70.0	65.0
(W) 50-60	21.25	21.25	57.5	20.0
75-80	26.25	30.0	43.75	31.25
80-85	17.5	18.75	63.75	22.2
85-95	12.5	22.5	65.0	55.0
95-105cm	16.25	16.25	67.5	54.0

Table M23 : The four statistical measures for the sand fraction of the square barrow ditch at Maxey.

Sample	Mz	σ	Sk	K_G
F549:1: 0-15	1.53	-0.13	0.02	1.76
15-25	1.55	-0.05	0.02	1.57
30-40	0.83	-0.39	0.26	1.15
50-60	1.5	-0.11	0.05	1.76
(W) 50-60	0.96	-0.32	0.22	1.18
75-85	1.73	-0.09	-0.17	1.36
80-85	1.76	0.11	-0.11	1.24
85-95	1.46	-0.17	0.08	1.6
95-105 cm	1.5	-0.16	0.11	1.73

Table M24 : The four statistical measures for the silt fraction of the square barrow ditch at Maxey.

Sample	Mz	σ	Sk	K_G
F549:1: 0-15	6.81	1.37	-0.11	0.7
15-25	6.35	1.13	-0.09	0.77
30-40	6.6	1.23	-0.06	0.81
50-60	6.43	1.36	-0.09	1.04
(W) 50-60	6.18	1.16	-0.09	0.83
75-80	5.96	1.22	-0.18	0.94
80-85	5.88	1.18	-0.11	0.82
85-95	6.31	1.2	-0.27	0.92
95-105 cm	6.11	1.31	-0.25	1.0

Table M25 : The percentages of clay,silt,sand and gravel in the linear features at Maxey.

Sample	% Clay	% Silt	% Sand	% Gravel
F.161:1: 0-10	1.25	37.5	61.25	14.3
10-20	2.5	36.25	61.25	24.4
20-30	0.625	38.125	61.25	24.0
30-40	0.625	36.875	62.5	19.0
40-50	1.875	34.375	63.75	30.35
50-60	1.875	32.5	65.625	28.8
F.161:11:15-25	12.5	25.0	62.5	34.5
25-35	13.125	23.125	63.75	38.5
F.161:17:15-25	15.0	25.0	60.0	25.45
25-35	11.25	28.75	60.0	41.6
F.161:19: 5-25	10.0	28.75	61.25	46.875
25-50	7.5	22.5	70.0	40.625
F.161:21: 5-25	13.75	21.25	65.0	58.4
25-50	12.5	25.0	62.5	42.0
F.108:1: 25-50	10.625	23.125	66.25	59.45
F.156:1: 0-10	12.5	21.25	66.25	8.2
10-20	6.125	28.875	65.0	40.0
20-30 cm	12.5	23.75	63.75	52.25
F50:1	12.5	21.25	66.25	56.66
3	8.75	25.0	66.25	66.66
8	8.75	25.0	66.25	37.1
10	9.375	21.875	68.75	63.1
F.101:2	10.0	25.0	65.0	50.0
0	10.625	28.125	61.25	48.7
5	8.75	31.25	60.0	8.5

Table M26 : The four statistical measures for the sand fraction of the linear features at Maxey.

Sample	Mz	σ	Sk	K_G
F.161:1: 0-10	1.41	-0.13	0.08	1.5
10-20	1.48	-0.12	-0.01	1.58
20-30	1.28	-0.22	0.12	1.45
30-40	1.38	-0.23	0.01	1.34
40-50	1.63	-0.06	-4.82	1.47
50-60	1.68	-0.1	0.09	1.53
F.161:11:15-25	1.46	-0.15	0.085	1.65
25-35	1.25	-0.26	0.16	1.36
F.161:17:15-25	1.5	-0.05	0.02	1.73
25-35	1.45	-0.28	0.11	1.45
F.161:19: 5-25	1.56	-0.04	-0.02	1.86
25-50	1.28	-0.17	0.18	1.51
F.161:21: 5-25	1.36	-0.01	0.11	2.1
25-50	1.43	-0.16	0.07	1.83
F.108:1:25-50	1.46	-0.14	-4.54	1.8
F.156:1: 0-10	1.68	0.125	-0.25	1.47
10-20	1.66	-0.03	-0.04	1.38
20-30 cm	1.41	-0.05	0.06	1.55
F50:1	1.53	-0.08	0.06	1.76
3	1.6	-0.06	-0.04	1.68
8	1.78	0.11	-0.2	1.39
10	1.53	0.01	-0.02	1.59
F.101:2	1.45	-0.09	0.04	2.05
0	1.73	0.15	-0.19	1.37
5	1.75	0.15	-0.2	1.54

Table M27 : The four statistical measures for the silt fraction of the linear features at Maxey.

Sample	Mz	σ	Sk	K_G
F.161:1: 0-10	6.96	1.22	0.25	0.88
10-20	6.98	1.15	0.23	0.82
20-30	6.8	1.45	0.34	0.74
30-40	6.65	1.3	0.3	0.79
40-50	6.75	1.17	0.11	0.75
50-60	6.85	1.32	0.05	0.7
F.161:11:15-25	6.01	1.22	0.12	0.86
25-35	6.53	1.17	-0.13	0.87
F.161:17:15-25	6.53	1.31	-0.11	0.93
25-35	5.9	1.23	-8.86	0.91
F.161:19: 5-25	6.03	1.15	-0.08	0.79
25-50	6.65	1.28	-0.18	0.86
F.161:21: 5-25	6.36	1.16	0.11	0.69
25-50	6.43	1.32	-0.03	1.06
F.108:1: 25-50	6.25	1.27	-0.08	0.84
F.156:1: 0-10	6.45	1.22	0.13	0.95
10-20	6.75	1.1	0.17	0.71
20-30 cm	6.33	1.31	-0.23	0.86
F.50:1	6.4	1.19	0.19	0.97
3	6.3	1.3	-0.06	0.98
8	6.28	1.28	-0.13	0.98
10	6.16	1.33	0.04	1.06
F.101:2	6.41	1.18	-0.31	0.82
0	6.36	1.42	-0.36	0.95
5	6.16	1.14	0.12	0.78

Table M28 : The percentages of clay,silt,sand and gravel of the modern hedge bank and ditch at Barnack/Bainton.

Sample	% Clay	% Silt	% Sand	% Gravel
Hedge Bank:				
10-20	30.0	20.0	50.0	2.8
20-30	25.0	27.5	47.5	2.1
30-40	25.0	27.5	47.5	0.7
40-50	20.0	26.25	53.75	0.6
60-70	26.25	23.75	50.0	4.5
90-100 cm	2.5	30.0	67.5	88.4
Hedge Ditch:				
20-30	16.25	16.25	67.5	3.7
30-40	15.0	25.0	60.0	1.6
40-50	17.5	22.5	60.0	0.5
50-60	12.5	21.25	56.25	0.5
60-70	15.0	27.5	57.5	1.45
70-75 cm	26.25	22.5	51.25	4.35

Table M29 : The four statistical measures for the sand fraction of the modern hedge bank and ditch at Barnack/Bainton.

Sample	Mz	σ	Sk	K_G
Hedge Bank:				
10–20	1.38	0.08	0.05	1.44
20–30	1.61	0.13	-0.08	1.61
30–40	1.56	0.11	-0.04	1.69
40–50	1.7	0.14	-0.13	1.54
60–70	1.53	0.1	-0.06	1.61
90–100 cm	0.45	-0.53	0.13	0.97
Hedge Ditch:				
20–30	1.68	0.15	-0.03	1.63
30–40	1.63	0.15	-0.11	1.58
40–50	1.58	0.15	-0.13	1.66
50–60	1.65	0.19	-0.18	1.66
60–70	1.71	0.15	-0.15	1.49
70–75 cm	1.6	0.15	-0.15	1.58

Table M30: The four statistical measures for the silt fraction of the modern hedge bank and ditch at Barnack/Bainton.

Sample	Mz	σ	Sk	K_G
Hedge Bank:				
10–20	6.58	1.32	0.07	1.13
20–30	6.7	1.14	0.13	0.85
30–40	6.88	1.22	0.14	0.69
40–50	6.7	1.17	0.1	0.72
60–70	6.86	1.14	0.22	0.88
90–100 cm	7.06	1.52	0.07	0.93
Hedge Ditch:				
20–30	6.51	1.15	-0.19	0.7
30–40	6.55	1.08	-0.03	0.67
40–50	6.79	1.2	0.03	0.71
50–60	6.95	1.3	0.12	0.59
60–70	6.25	1.21	-0.06	0.83
70–75 cm	6.35	1.16	0.1	0.74

Table M31 : The percentages of clay,silt,sand and gravel of the headland and buried soil at Barnack/Bainton.

Sample	% Clay	% Silt	% Sand	% Gravel
20-30	20.0	25.0	55.0	1.4
30-40	13.75	26.25	60.0	6.9
40-50	12.5	26.25	61.25	1.35
50-60	13.75	27.5	58.75	6.9
60-70	7.5	32.5	60.0	5.25
70-80	12.5	30.0	57.5	3.25
80-90	12.5	22.5	65.0	5.3
90-100	26.25	8.75	65.0	8.6
100-110 cm	30.0	5.0	65.0	21.0

Table M32 : The four statistical measures for the sand fraction of the headland and buried soil at Barnack/Bainton.

Sample	Mz	σ	Sk	K_G
20-30	1.71	0.15	-0.15	1.49
30-40	1.71	0.14	-0.14	1.51
40-50	1.73	0.18	-0.2	1.51
50-60	1.73	0.15	-0.18	1.69
60-70	1.8	0.16	-0.19	1.29
70-80	1.83	0.15	-0.16	1.2
80-90	1.71	0.32	-0.44	1.01
90-100	1.73	0.14	-0.08	1.36
100-110 cm	1.38	8.33	0.17	1.94

Table M33 : The four statistical measures for the silt fraction of the headland and buried soil at Barnack/Bainton.

Sample	Mz	σ	Sk	K_G
20-30	6.61	1.19	3.42	0.8
30-40	6.51	1.13	-7.46	0.76
40-50	6.33	1.28	-0.09	0.87
50-60	6.48	1.24	0.015	0.81
60-70	6.43	1.39	-0.23	0.84
70-80	6.66	1.21	-0.03	0.77
80-90	6.43	1.19	-0.11	0.75
90-100	5.85	0.89	-0.69	0.52
100-110 cm	5.21	1.13	-0.32	0.72

Table M34 : The percentages of clay,silt,sand and gravel in ditch F33 section 3 at Barnack/Bainton.

Sample	% Clay	% Silt	% Sand	% Gravel
0 -10	17.5	32.5	50.0	3.8
10-20	12.5	33.75	53.75	4.6
20-30	15.0	28.75	56.25	8.8
30-40	11.25	32.5	56.25	10.9
40-50	28.75	33.75	37.5	16.6
50-60	23.75	38.75	37.5	12.2
60-70	26.25	53.75	20.0	6.0
70-80	26.25	38.75	35.0	29.0
80-90	18.75	16.25	65.0	62.5
90-100 cm	18.75	23.75	57.5	9.3

Table M35 : The four statistical measures for the sand fraction of ditch F33 section 3 at Barnack/Bainton.

Sample	Mz	σ	Sk	K_G
0 -10	1.73	0.21	-0.22	1.7
10-20	1.7	0.21	-0.25	1.69
20-30	1.78	0.15	-0.18	1.4
30-40	1.65	0.11	-0.08	1.56
40-50	1.73	0.13	-0.17	1.42
50-60	1.81	0.11	-0.19	1.3
60-70	2.16	0.06	-0.12	0.85
70-80	1.51	-0.05	0.08	2.02
80-90	1.21	-0.16	0.28	1.56
90-100 cm	1.5	0.03	0.06	1.97

Table M36 : The four statistical measures for the silt fraction of ditch F33 section 3 at Barnack/Bainton.

Sample	Mz	σ	Sk	K_G
0 -10	6.31	1.18	-0.15	0.91
10-20	6.36	1.24	-0.23	0.81
20-30	5.88	1.2	-0.03	0.85
30-40	6.06	1.23	-0.07	0.87
40-50	5.96	1.24	-0.25	0.96
50-60	5.9	1.22	-0.16	0.93
60-70	6.2	1.33	-0.22	1.05
70-80	6.28	1.21	-0.07	0.88
80-90	5.95	1.05	-0.39	0.65
90-100 cm	6.06	1.2	-0.27	0.89

Table M37 : The pH and alkali-soluble humus content of selected samples at Barnack/Bainton.

Sample	pH(H_2O/KCl)	ppm Humus
Hedge Bank:		
10-20	6.4	11.2
30-40	6.4	5.35
90-100	8.0	1.65
F33:3:		
0-10	7.1	3.5
30-40	7.6	3.0
50-60	8.3	1.9
70-80	8.5	2.1
90-100	8.2	3.0
F57/56:		
40-50	6.9	2.1
50-60	7.2	2.45
60-70	7.5	3.15
80-90	7.6	1.85
100-110 cm	7.9	2.45

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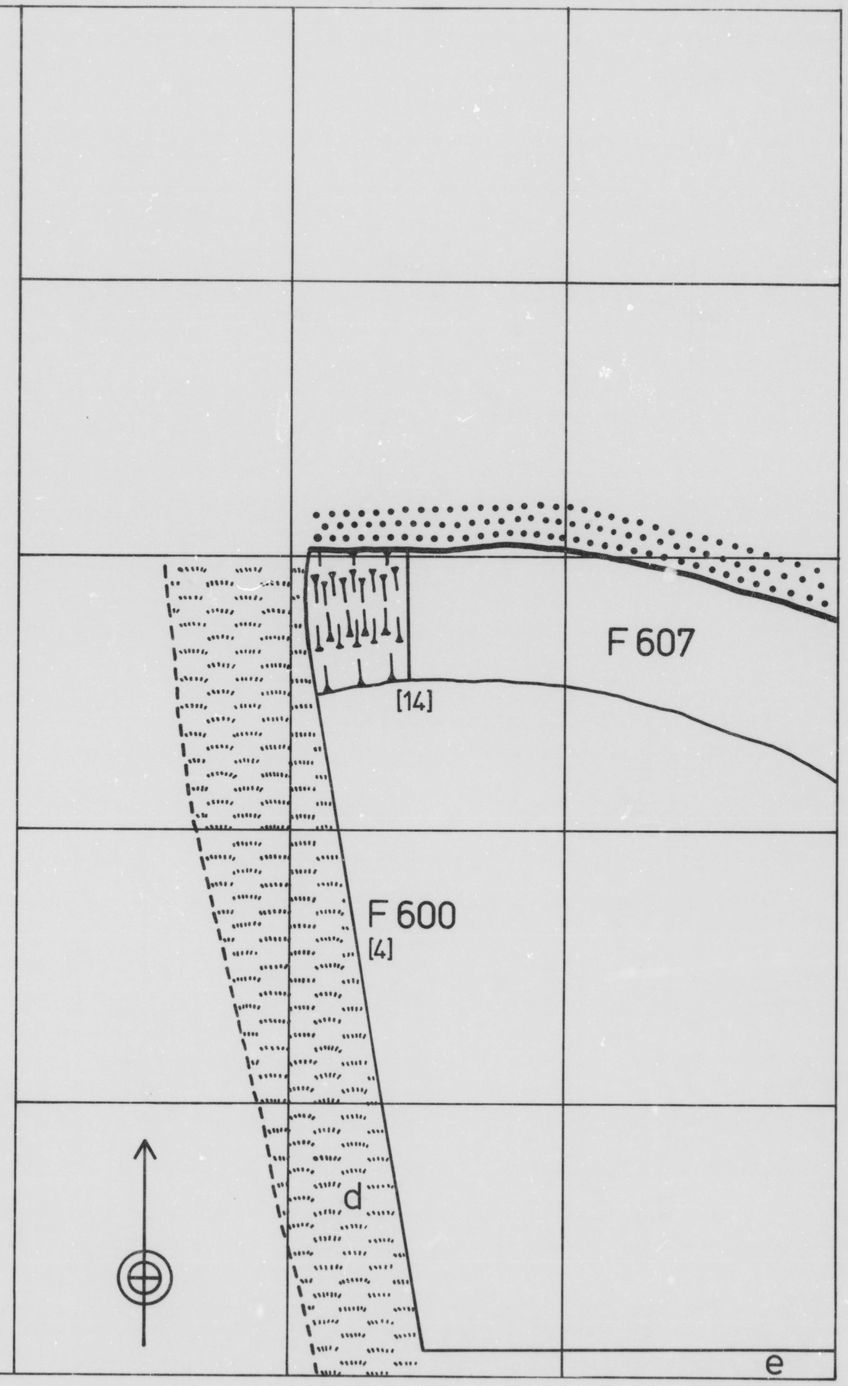
7745

d. NS baulk (trackside verge)

e. EW baulk



7720

2610

7720

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a. infill of modern water main

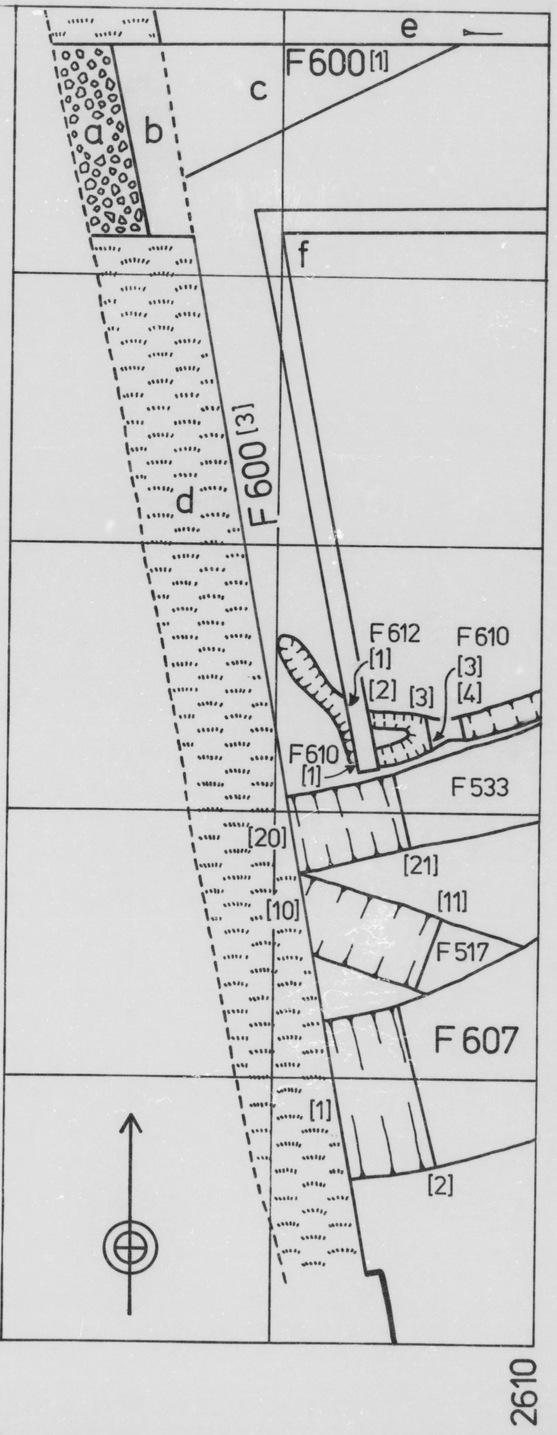
b. removed by machine

c. baulk (primary mound)

d. NS baulk (trackside verge)

e. EW baulk

f. sample baulk



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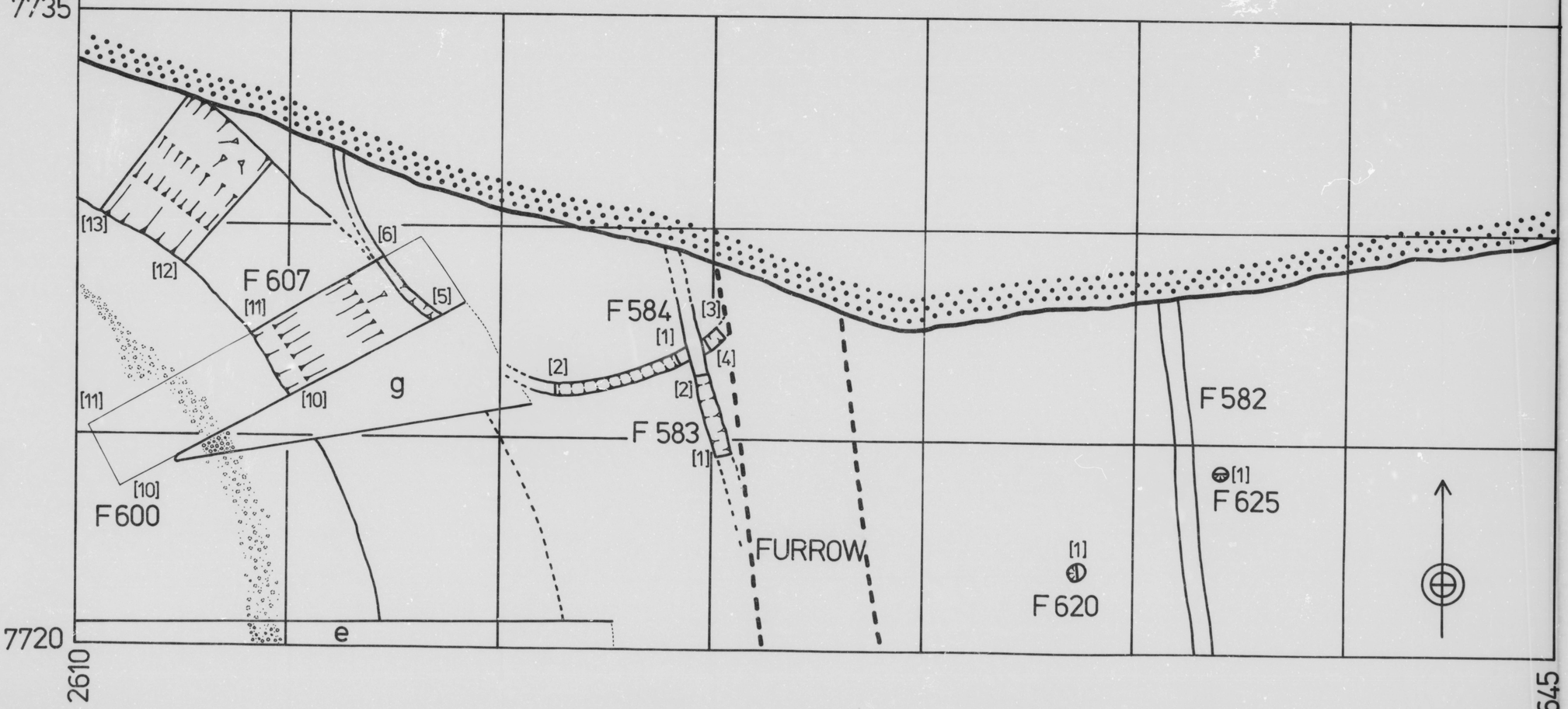
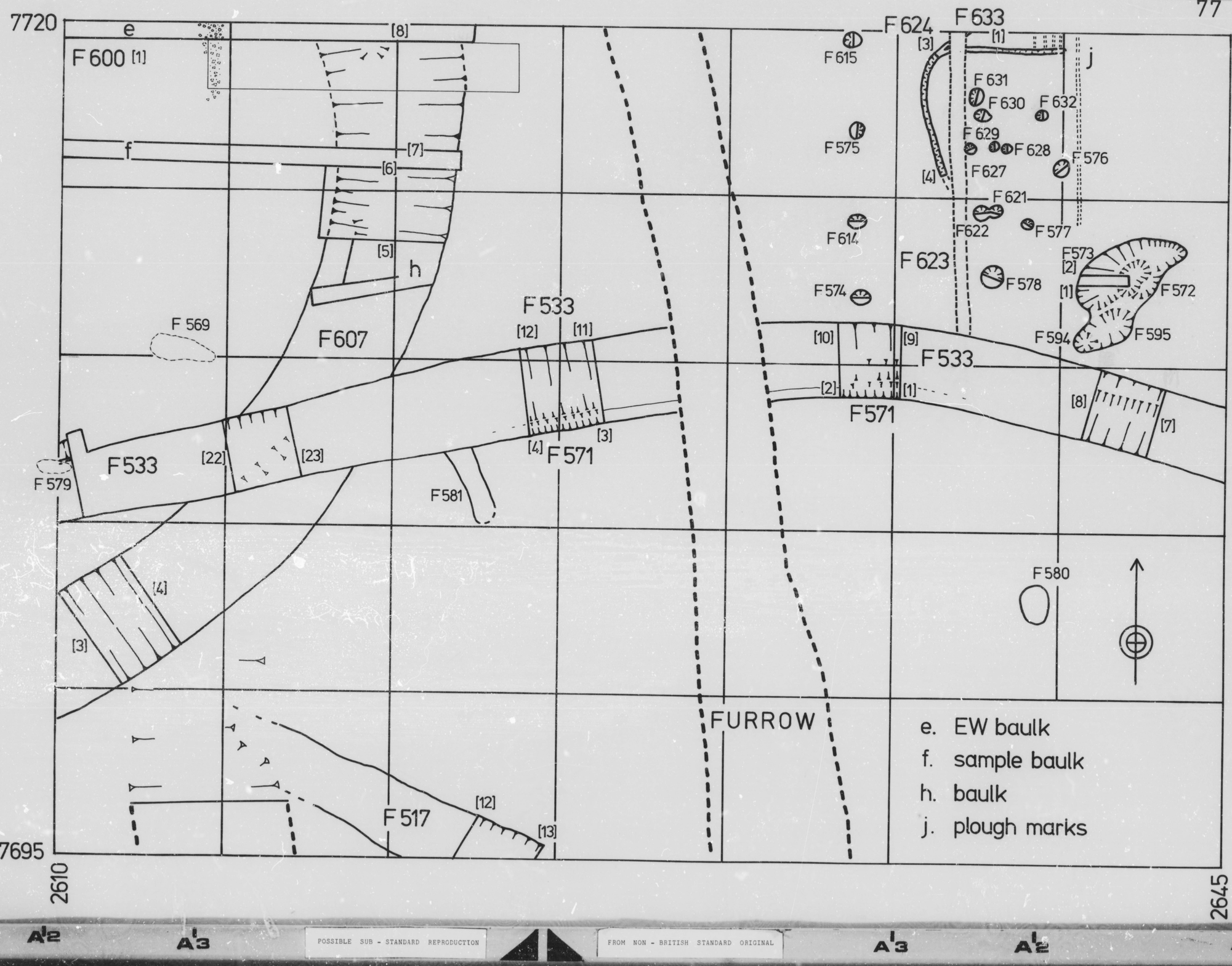
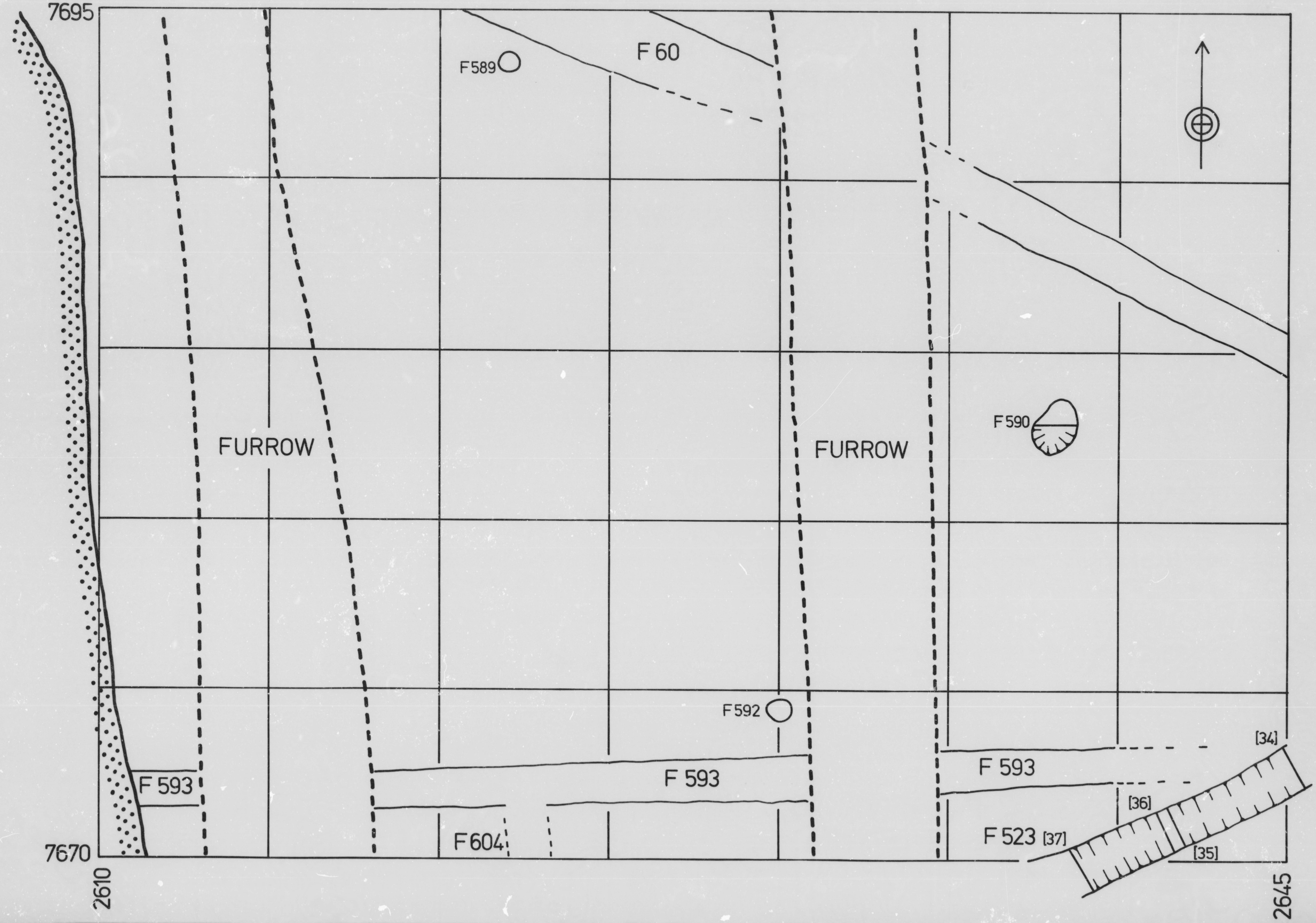
e. EW baulk

g. baulk







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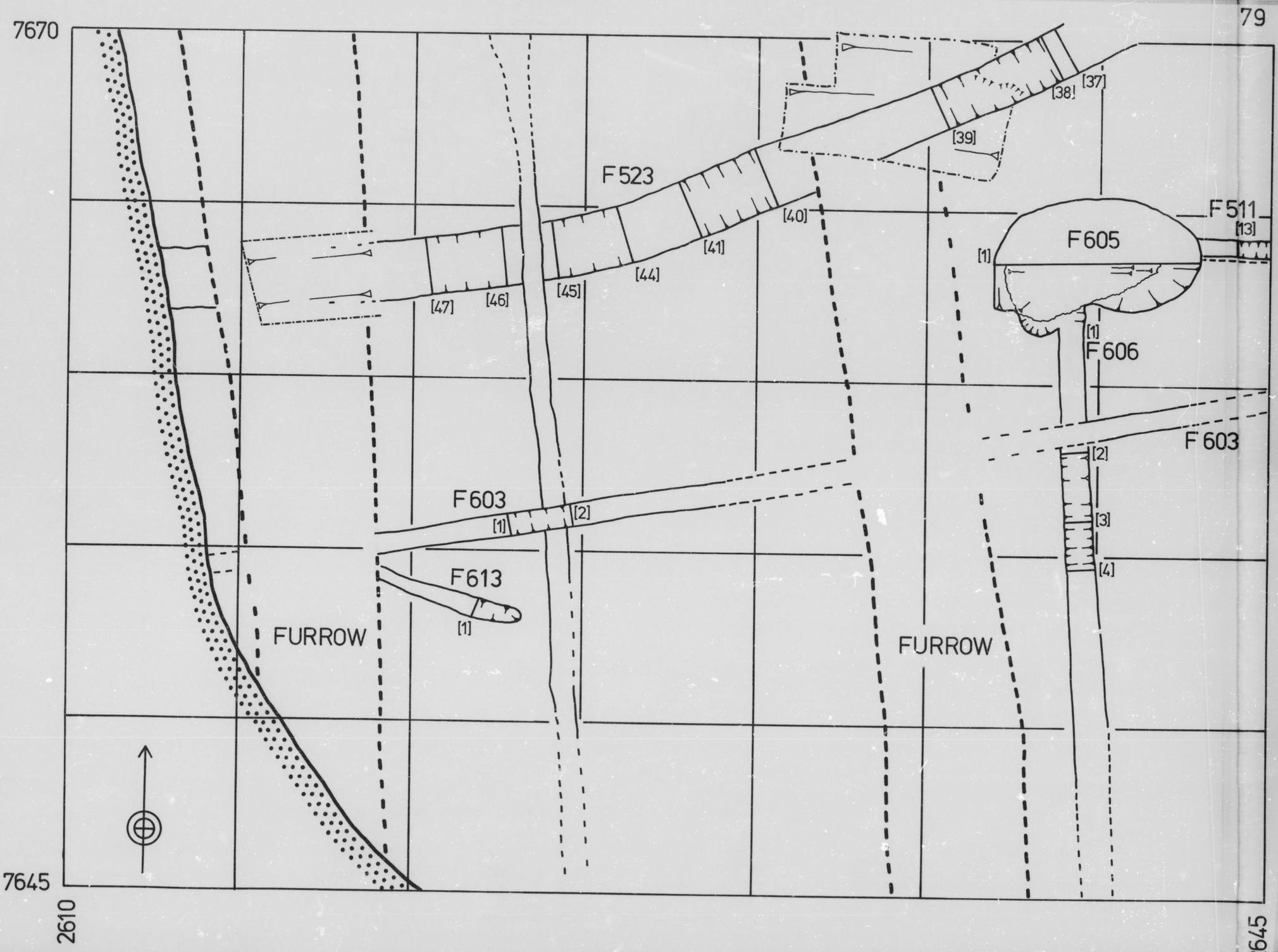

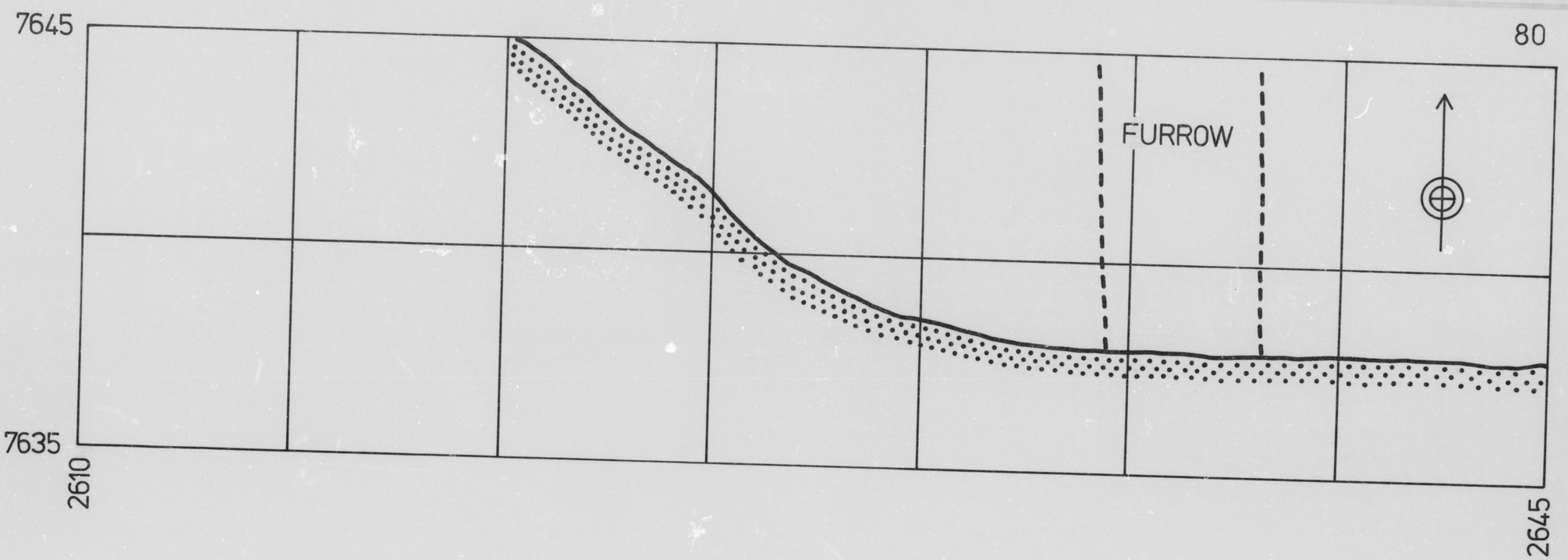

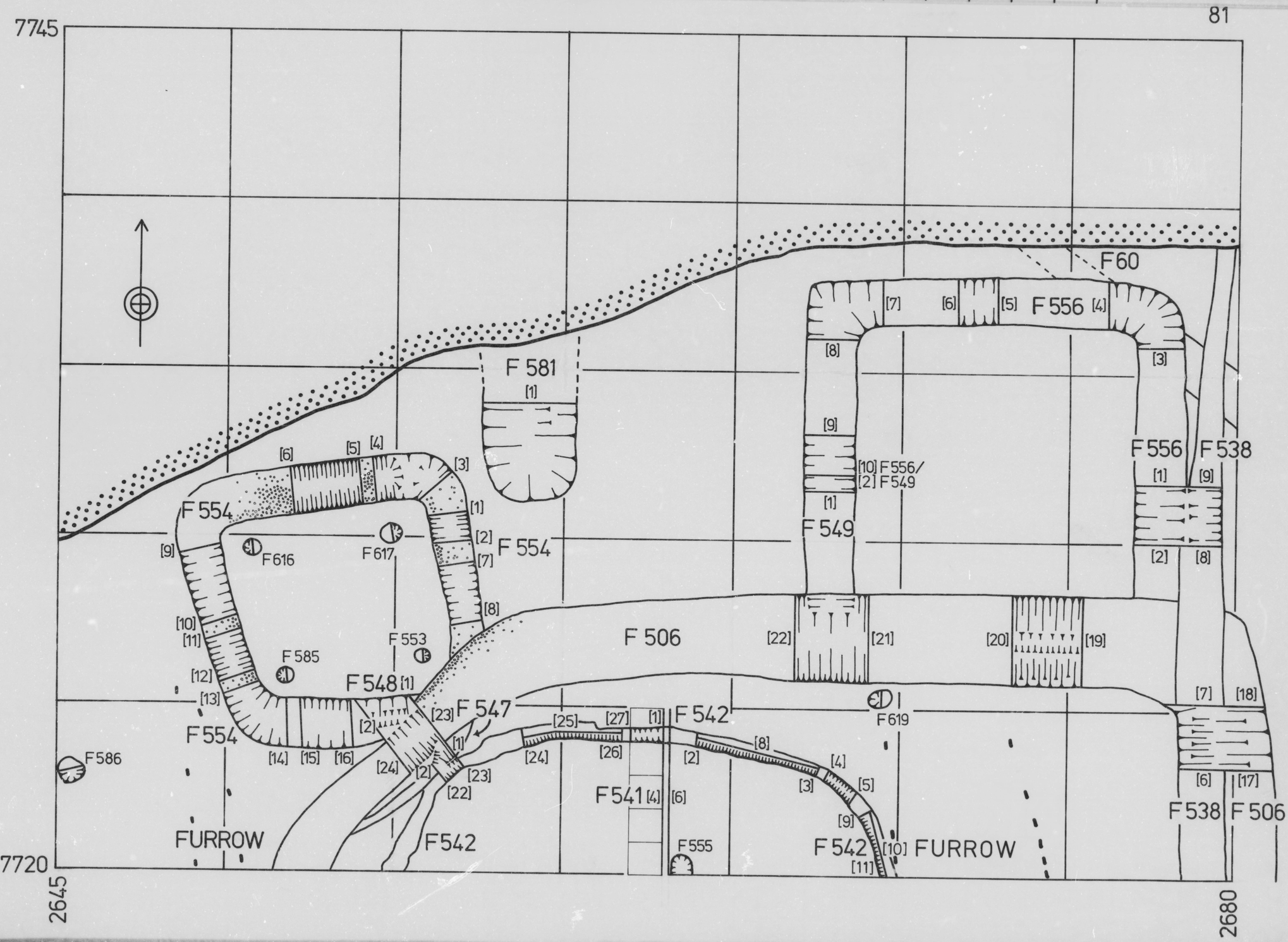

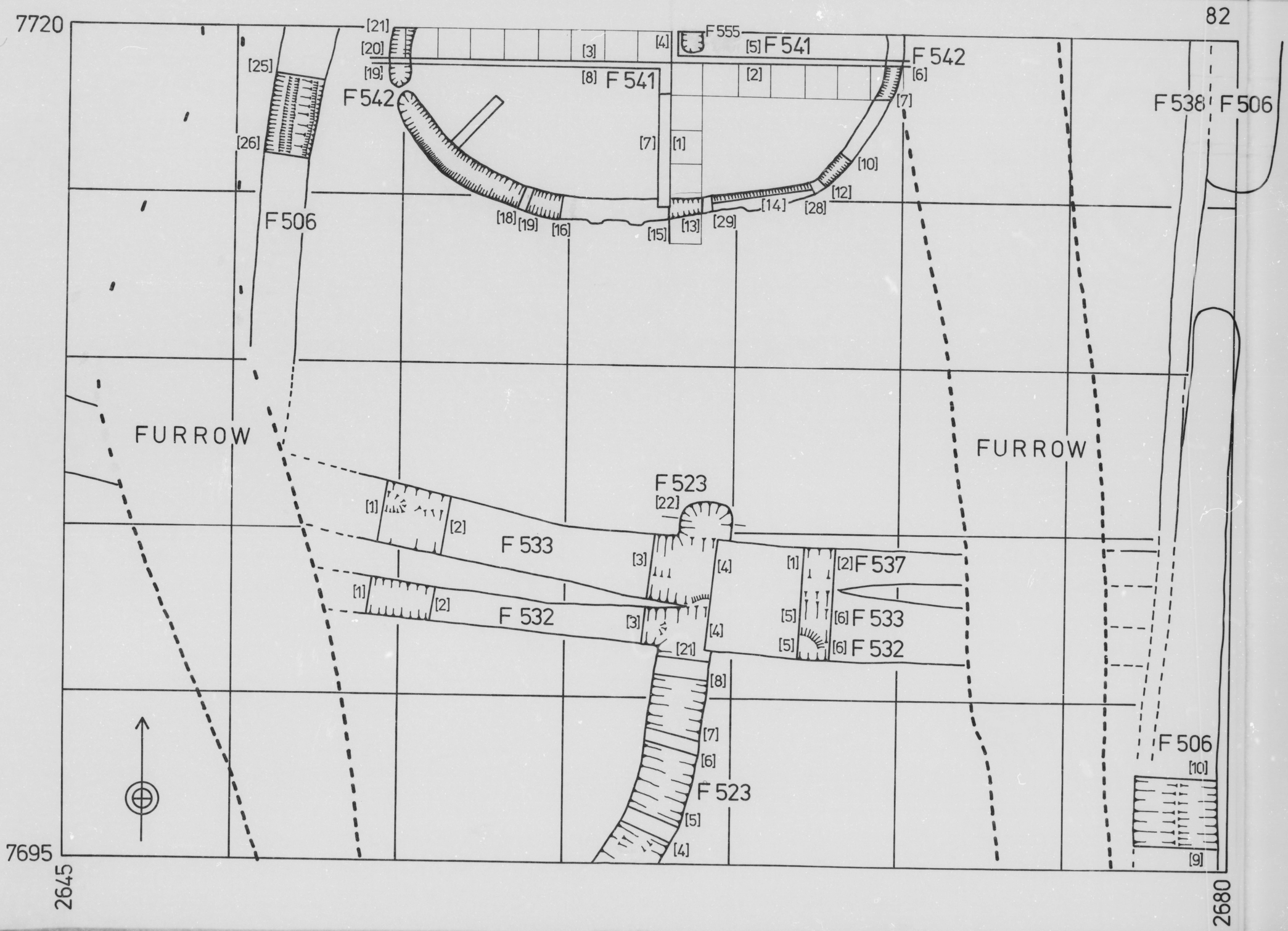

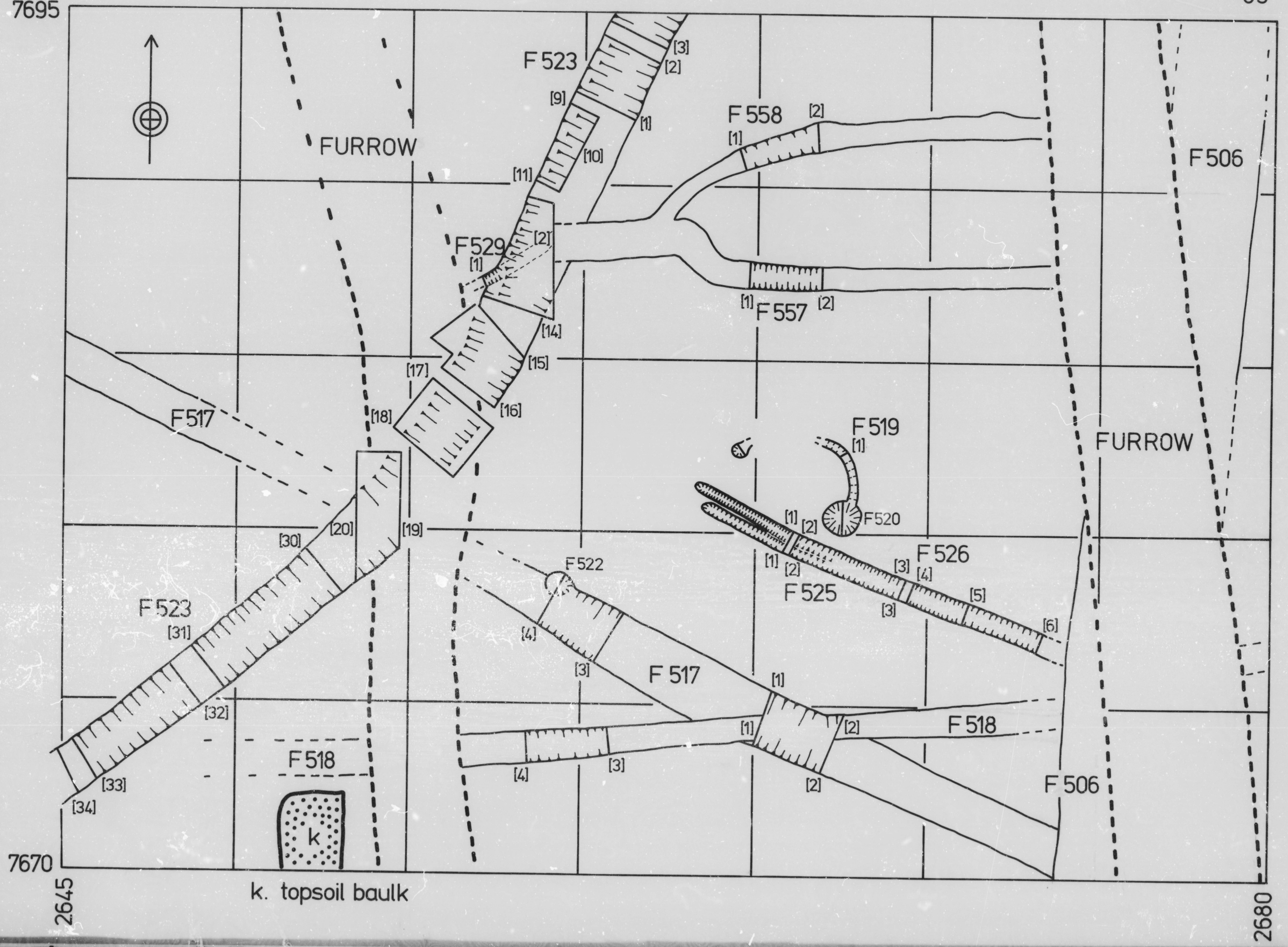

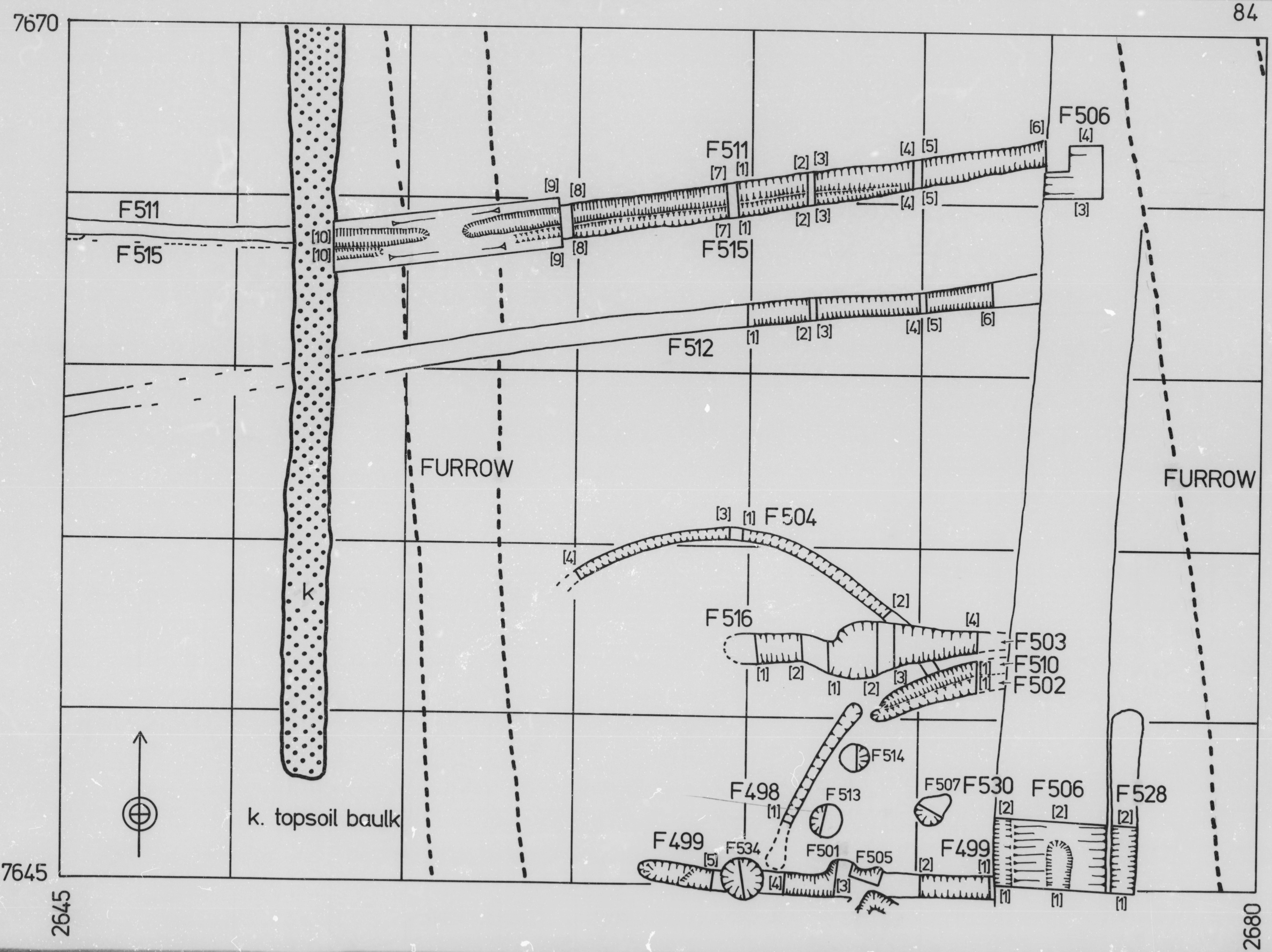

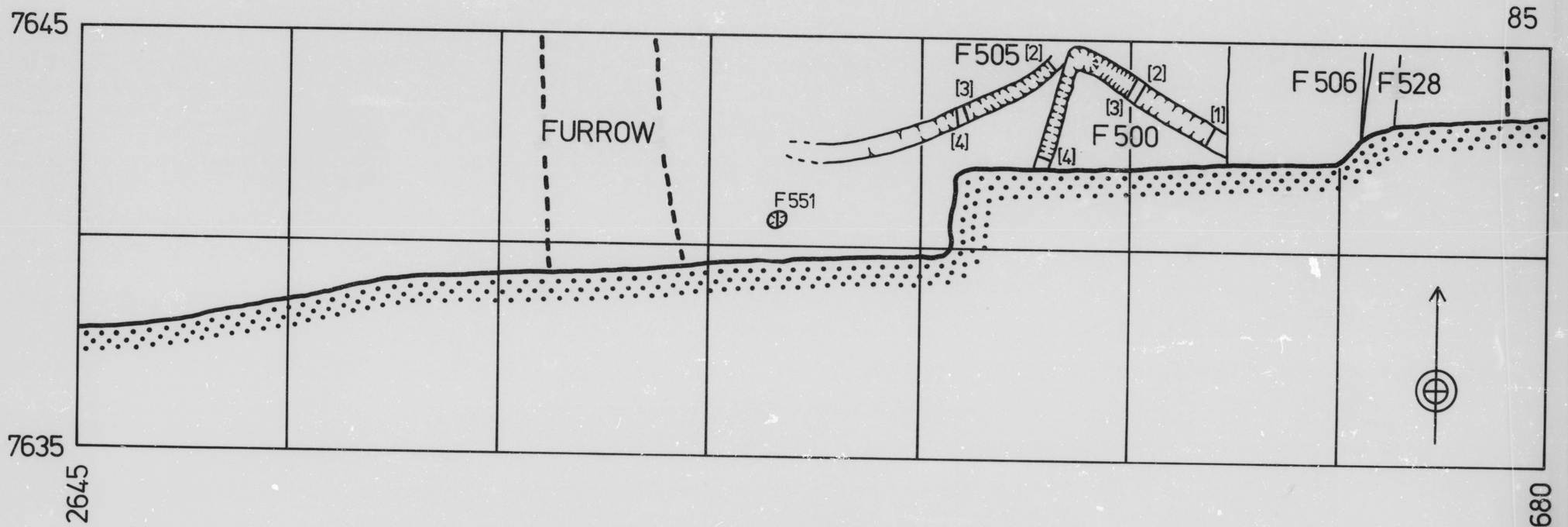

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