

AGRICULTURAL LAND CLASSIFICATION

ALCB003/89

Dimmer Waste Disposal Site, Somerset

8FCS 2880

SOIL PROFILE DESCRIPTION

Date of Survey 1.6.89

| NO | TEXTURE | COLOUR | DEPTH (CM) | SOIL PROFILE NOTES | TOPOGRAPHY NOTES |
|----|---------|-----------|------------|---|------------------|
| 1 | M/HCL | 10YR42/52 | 0-20 | silty; cdom from surface | |
| | C | 2.5Y62 | 20-90+ | mpom; SPL WC IV | |
| 2 | HCL | 10YR42/52 | 0-20 | cdom | |
| | C | 10YR51 | 20-80 | vmdom; 2.5Y62 from 40 cm; calc material from 60 cm; SPL | |
| | C | 10YR51 | 80-100+ | vmdom WC IV | |
| 3 | HCL | 10YR53 | 0-18 | possible mottle colours | |
| | C | 2.5Y64 | 18-34 | cdom; SPL | |
| | C | 2.5Y82 | 34-60+ | Mottled; v. dry + diff to auger WC IV | |
| 4 | HCL | 10YR53 | 0-20 | | |
| | C | 2.5Y62 | 20-80+ | cdom; SPL WC IV | |
| 5 | HCL | 10YR53 | 0-15 | cdom | |
| | C | 2.5Y64 | 15-90+ | vmdom; calc material from 40 cm; 10YR51 from 70cm; SPL WC IV | |
| 6 | HCL | 10YR53 | 0-18 | cdom | |
| | C | 2.5Y64 | 18-90+ | vmdom; common Mn from 40cm; SPL WC IV | |
| 7 | C | 10YR52 | 0-40 | cdom; SPL | |
| | C | 10YR51 | 40-90+ | vmdom WC IV | |
| 8 | HCL | 2.5Y64 | 0-18 | cdom | |
| | C | 2.5Y64 | 18-40 | vmdom; SPL | |
| | C | 2.5Y62 | 40-70 | vmdom | |
| | C | 10YR51 | 70-100+ | vmdom WC IV | |

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|----|-----------|-----------|------------|--|--------------------------------------|
| 9 | HCL/C | 10YR53 | 0-18 | cdom | |
| | C | 2.5Y64 | 18-80+ | vm dom; 2.5Y62 and common Mn from 60 cm; WC IV | |
| 10 | C | 10YR53 | 0-15 | cdom | |
| | C | 2.5Y64 | 15-80+ | vm dom; common Mn from 60 cm; SPL WC IV | |
| 11 | See No 10 | | | | |
| 12 | HCL/C | 10YR53 | 0-15 | cdom | Ridge & Furrow (1/2 way up Ridge) |
| | C | 2.5Y54 | 15-80+ | vm dom; SPL WC IV | |
| 13 | HCL | 10YR53 | 0-15 | cdom | |
| | C | 2.5Y64 | 15-80+ | vm dom Mn; SPL WC IV | |
| 14 | HCL/C | 10YR53 | 0-15 | cdom | |
| | C | 2.5Y64 | 15-70 | vm dom; Mn; SPL | |
| | C | 10YR51 | 70-80+ | vm dom; Mn WC IV | |
| 15 | MCL/C | 10YR53 | 0-15 | cdom | |
| | C | 2.5Y64 | 15-30 | vm dom; SPL | |
| | C | 2.5Y54 | 30-80+ | vm dom; 10YR51 at depth WC IV | |
| 16 | See No 15 | | | | |
| 17 | C | 10YR53 | 0-10 | cdom | |
| | C | 2.5Y52 | 10-80+ | vm fom; calc and 10YR51 from 60 cm; SPL WC IV | |
| 18 | HCL/C | 10YR52/42 | 0-15 | cdom | |
| | C | 2.5Y64 | 15-80+ | vm dom; SPL WC IV | |

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| 19 | See 18 | | | 10YR51 from 60 cm | |
| 20 | HCL/C | 10YR53 | 0-25 | cdom | |
| | C | 2.5Y64 | 25-80+ | vm dom; SPL | |
| | | | | WC IV | |
| 21 | HCL/C | 10YR53 | 0-20 | cdom | |
| | C | 2.5Y52/54 | 20-80+ | vm dom; SPL; 10YR51 at depth | |
| | | | | WC IV | |
| 22 | HCL/C | 10YR53 | 0-10 | cdom | |
| | C | 10YR51 | 10-80+ | vm dom; SPL; 2.5Y54 at depth; WC IV | |
| 23 | C | 10YR53 | 0-10 | cdom | |
| | C | 2.5Y54 | 10-80+ | vm dom; SPL | |
| | | | | WC IV | |
| 24 | See 23 | | | | |
| 25 | HCL/C | 10YR53 | 0-10 | cdom | |
| | C | 2.5Y54 | 10-70 | vm dom; SPL | |
| | C | 10YR51 | 70-80+ | vm dom | |
| | | | | WC IV | |
| 26 | See 25 | | | | |
| 27 | HCL/C | 10YR53 | 0-10 | cdom | |
| | C | 2.5Y64 | 10-80+ | vm dom; SPL | |
| | | | | WC IV | |
| 28 | HCL/C | 10YR53/52 | 0-12 | cdom | |
| | C | 2.5Y52 | 12-80+ | vm dom; Common Mn; SPL | |
| | | | | 10YR51 from 75 cm | |
| | | | | WC IV | |
| 29 | HCL/C | 10YR53/52 | 0-15 | cdom | |
| | C | 10YR51 | 15-80+ | vm dom; Common Mn; SPL | |
| | | | | WC IV | |

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|----|---------|--------|------------|--------------------------|-------------------------------|
| 30 | HCL/C | 10YR53 | 0-20 | cdom | |
| | C | 2.5Y52 | 20-80+ | vm-dom; Common Mn; SPL | |
| | | | | WC IV | |
| 31 | HCL/C | 10YR53 | 0-18 | rusty roots; cdom | |
| | C | 2.5Y52 | 18-65 | vm-dom; Common Mn; SPL | |
| | C | 10YR51 | 65-80+ | vm-dom | |
| | | | | WC IV | |
| 32 | C | 2.5Y62 | 0-50 | vm-dom from surface; SPL | |
| | C | 10YR51 | 50-80+ | vm-dom; Common Mn | |
| | | | | WC IV | |
| 33 | HCL/C | 10YR53 | 0-12 | cdom | |
| | C | 2.5Y52 | 12-40 | vm-dom; common Mn; SPL | |
| | C | 10YR51 | 40-80+ | vm-dom; Common Mn | |
| | | | | WC IV | |
| 34 | See 33 | | | | |
| 35 | HCL/C | 10YR53 | 0-15 | cdom | |
| | C | 2.5Y52 | 15-80+ | vm-dom; common Mn; SPL | |
| | | | | WC IV | |
| 36 | HCL/C | 10YR53 | 0-10 | cdom | |
| | C | 2.5Y52 | 10-65 | vm-dom; common Mn; SPL | |
| | C | 10YR51 | 65-80+ | vm-dom; Common Mn | |
| | | | | WC IV | |
| 37 | C | 10YR52 | 0-10 | cdom | extensive cracking of surface |
| | C | 2.5Y52 | 10-40 | vm-dom; Common Mn; SPL | |
| | C | 2.5Y64 | 40-80+ | vm-dom; Common Mn | |
| | | | | WC IV | |
| 38 | C | 10YR52 | 0-10 | cdom | ditto |
| | C | 2.5Y52 | 10-80+ | vm-dom; SPL | |
| | | | | WC IV | |

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|----|---------|----------|------------|--|------------------|
| 39 | HCL/C | 10YR51 | 0-10 | cdom | |
| | C | 10YR51 | 10-80+ | vmdom; Common Mn; SPL WC IV | |
| 40 | HCL/C | 10YR42 | 0-12 | cdom | |
| | C | 2.5Y52 | 12-60 | vmdom; Common Mn; SPL | |
| | C | 10YR51 | 60-80+ | vmdom; Common Mn WC IV | |
| 41 | HCL/C | 10YR42 | 0-15 | cdom | |
| | C | 2.5Y52 | 15-60 | vmdom; common Mn; SPL | |
| | C | 2.5Y64 | 60-80+ | vmdom; Common Mn WC IV | |
| 42 | See 41 | | | | |
| 43 | HCL/C | 10YR53 | 0-10 | cdom | |
| | C | 10YR53 | 10-40 | vmdom; Common Mn; SPL | |
| | C | 10YR51 | 40-80+ | vmdom; Common Mn WC IV | |
| 44 | HCL/C | 10YR53 | 0-10 | cdom | |
| | C | 2.5Y52 | 10-80+ | vmdom; Common Mn; SPL WC IV | |
| 45 | HCL/C | 10YR52 | 0-10 | cdom | |
| | C | 2.5Y52 | 10-80+ | vmdom; Mn; SPL WC IV | |
| 46 | See 45 | | | | |
| 47 | C | 10YR53 | 0-10 | cdom | |
| | C | 2.5Y54 | 10-80+ | vmdom; common Mn; SPL WC IV | |
| 48 | C | 10YR52/3 | 0-10 | Rusty roots; cdom | |
| | C | 10YR51 | 10-80+ | vmdom; 2.5Y52 from 60 cm; SPL WC IV | |

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|----|---------|-----------|------------|---------------------------------|------------------|
| 49 | See 48 | | | | |
| 50 | C | 10YR52/53 | 0-10 | Rusty roots; cdom | |
| | C | 2.5Y54 | 10-80+ | vmdom; SPL | |
| | | | | WC IV | |
| 51 | HCL/C | 10YR53 | 0-12 | cdom | |
| | C | 2.5Y62 | 12-80+ | vmdom; SPL | |
| | | | | WC IV | |
| 52 | HCL/C | 10YR53 | 0-10 | Rusty roots; cdom | Slight Ridge & |
| | C | 2.5Y52 | 10-60 | vmdom; SPL | Furrow. ASP half |
| | C | 10YR51 | 60-80+ | vmdom | way up |
| | | | | WC IV | |
| 53 | HCL/C | 10YR53 | 0-10 | cdom | Slight Ridge & |
| | C | 2.5Y52 | 10-80+ | vmdom; SPL | Furrow. ASP on |
| | | | | WC IV | Ridge |
| 54 | HCL | 10YR53 | 0-10 | cdom | Slight Ridge & |
| | C | 2.5Y52 | 10-80+ | vmdom; common Mn; SPL | Furrow. ASP on |
| | | | | WC IV | Furrow. |
| 55 | C | 2.5Y52 | 0-10 | cdom | |
| | C | | 10-80+ | towards 10YR51 at depth; vmdom; | |
| | | | | common Mn; SPL | |
| | | | | WC IV | |
| 56 | C | 10YR53 | 0-10 | cdom | |
| | C | 2.5Y52 | 10-80+ | vmdom; Mn; SPL | |
| | | | | WC IV | |
| 57 | HCL | 10YR53 | 0-15 | cdom | |
| | C | 2.5Y52 | 15-65 | vmdom; SPL | |
| | C | 10YR51 | 65-80+ | vmdom | |
| | | | | WC IV | |
| 58 | See 57 | | | | |

