## A1

Proposed Golf Course Norwood Farm Cobham, Surrey

Agricultural Land Classification ALC Map and Report

August 1997

Resource Planning Team Eastern Region FRCA Reading

#### AGRICULTURAL LAND CLASSIFICATION REPORT

## PROPOSED GOLF COURSE, NORWOOD FARM, COBHAM, SURREY

#### INTRODUCTION

- 1 This report presents the findings of a detailed Agricultural Land Classification (ALC) survey of approximately 82 hectares of land to the north of Cobham around Norwood Farm The survey was carried out during August 1997
- The survey was undertaken by the Farming and Rural Conservation Agency (FRCA) on behalf of the Ministry of Agriculture Fisheries and Food (MAFF) in connection with an ad-hoc planning application for a golf course This survey supersedes any previous ALC information for this land including a previous 1978 ALC survey (ADAS Ref 4001/02/78)
- The work was conducted by members of the Resource Planning Team in the Eastern Region of the FRCA. The land has been graded in accordance with the published MAFF ALC guidelines and criteria (MAFF 1988). A description of the ALC grades and subgrades is given in Appendix I.
- At the time of survey the majority of agricultural land was in volunteer oilseed rape with smaller areas of rough and permanent grassland. The areas of non-agricultural land comprise farm buildings trackways and waterways.

#### **SUMMARY**

- The findings of the survey are shown on the enclosed ALC map. The map has been drawn at a scale of 1 10 000. It is accurate at this scale but any enlargement would be misleading
- The area and proportions of the ALC grades and subgrades on the surveyed land are summarised in Table 1 below

Table 1 Area of grades and other land

| Grade/Other land   | Area (hectares) | % surveyed area | % site area |
|--------------------|-----------------|-----------------|-------------|
| 3a                 | 6.4             | 8 6             | 7.9         |
| 3b                 | 68 4            | 914             | 83 9        |
| Other land         | <b>&gt; 6</b>   | N/A             | 69          |
| Not surveyed       | 1 1             | N/A             | 13          |
| Total survey are 1 | 74 8            | 100             | N/A         |
| Total site area    | 815             | N/A             | 100         |

7 The fieldwork was conducted at an average density of 1 boring every hectare A total of 82 borings and 5 soil pits were described

- The majority of the site has been classified as Subgrade 3b (moderate quality agricultural land) with two smaller areas of Subgrade 3a (good quality agricultural land). Soil droughtiness and/or soil wetness are the main limitations with flood risk and topsoil stoniness being occasionally limiting.
- Most of the land is affected by soil droughtiness. Soil profiles comprise sandy textures which are impenetrable to the auger at depth due to moderate or very stony lower subsoils. Some profiles comprise deep well drained sandy soils with little stone content, whilst others are moderately stony from the surface. In this local climatic regime, the combination of soil textures structures and stone contents acts to restrict the amount of profile available water for crops. As a result, the level and consistency of crop yields may be restricted. The majority of the land has therefore been classified as Subgrades 3a and 3b on the basis of a slight or moderate soil droughtiness limitation.
- Occasional profiles comprise heavier textures and the soils are less well drained than those described above. Soil wetness alone or in combination with soil droughtiness acts to restrict the land to Subgrade 3a or Subgrade 3b.
- Land adjacent to the River Mole is poorly drained. Here both flood risk and soil wetness restricts the land to Subgrade 3b. The resultant waterlogging will restrict seed germination and growth and also limit the timing of cultivations and trafficking by farm machinery and grazing livestock.

#### FACTORS INFLUENCING ALC GRADE

#### Climate

- 12 Climate affects the grading of land through the assessment of an overall climatic limitation and also through interactions with soil characteristics
- The key climatic variables used for grading this site are given in Table 2 and were obtained from the published 5km grid datasets using the standard interpolation procedures (Met Office 1989)

Table 2 Climatic and altitude data

| Factors                   | Units | Values     | Values     |
|---------------------------|-------|------------|------------|
| Grid reference            | N/A   | TQ 110 628 | TQ 106 618 |
| Altitude                  | m AOD | 15         | 19         |
| Accumulated Temperature   | day°C | 1501       | 1497       |
| Average Annual Rainfall   | mm    | 637        | 652        |
| Field Capacity Days       | days  | 132        | 136        |
| Moisture Deficit Wheat    | mm    | 121        | 119        |
| Moisture Deficit Potatoes | mm    | 118        | 116        |
| Overall Climatic Grade    | N/A   | Grade 1    | Grade 1    |

14 The climatic criteria are considered first when classifying land as climate can be overriding in the sense that severe limitations will restrict land to low grades irrespective of favourable site or soil conditions

- The main parameters used in the assessment of an overall climatic limitation are average annual rainfall (AAR) as a measure of overall wetness and accumulated temperature (ATO January to June) as a measure of the relative warmth of a locality
- The combination of rainfall and temperature at this site mean that there is no overall climatic limitation. The site is climatically Grade 1. The site is not believed to be at risk from local climatic factors such as frost or exposure.

#### Site

The survey are is relatively flat. The higher land occurs in the south east corner of the site (20m AOD) whereas the lower land lies adjacent to the River Mole along the north west boundary of the site (15m AOD). Nowhere on the site does gradient or micro-relief affect agricultural quality.

## Geology and Soils

- The published geological information for the site (BGS 1978 and 1981) shows the majority of the area to be underlain with river terrace gravel deposits. The land adjacent to the River Mole (along the western boundary of the site) is shown as alluvium, whereas the are to the far south west corner of the site is mapped as Bagshot Beds.
- The most recently published soil information for the site (SSEW 1983) shows the vast majority of the survey are as the Hucklesbrook Association, wit the land immediately adjacent to the River Mole being mapped as the Fladbury Association. The former is described as Well drained coarse loamy and some sandy soils commonly over gravel. Some similar permeable soils affected by groundwater. Usually on flat land. (SSEW 1983). The latter is described as Stoneless clayey fine silty and fine loamy soils affected by groundwater. Usually on flat land Risk of flooding. (SSEW 1983).
- 20 Upon detailed field examination soils were broadly consistent with the above description

#### AGRICULTURAL LAND CLASSIFICATION

- The details of the classification of the site are shown on the attached ALC map and the area statistics of each grade are given in Table 1
- The location of the auger borings and pits is shown on the attached sample location map and the details of the soils data are presented in Appendix II

### Subgrade 3a

- Land of good quality has been mapped in two discrete areas. The first occurs in the central north eastern part of the site whilst the second lies in the far south east corner. The principal limitations are soil droughtiness with soil wetness being equally or more restricting in places.
- The soils within this unit comprise intermixed sand and clays so are therefore variable depending on the amount of sand in the profile. The observations affected by soil droughtiness

tend to comprise stoneless to slightly stony (0 10% total flints 0 6% > 2cm 0 3 % > 6cm These topsoils overlie upper subsoils which range diameter) medium sandy loam topsoils considerably in texture from loamy medium sand to sandy clay loam. The upper subsoils vary from being very slightly to slightly stony (5 15% total flints) Lower subsoils are very similar in that they vary in composition from medium sand to sandy clay loam but they can contain as much as 40% total flints. Some of the profiles are impenetrable to the auger at depths between The depth to gleying varies considerably between profiles in this unit 50 90cm over flints Occasional soils are gleyed from the surface whereas other profiles are gleyed at 60cm depth Despite the evidence of wetness within these profiles the land is generally well drained (aided in some instances by the high flint content) A wetness class of I or II has been assigned to these soils depending on the depth to gleying and subsoil texture Pit 3 is representative of this soil type in this mapping unit. On the whole, the combination of soil texture and hard stone restricts the water available to crops such that there is a risk of drought stress to the plants in most years This restricts the land to Subgrade 3a. Land of this quality could be expected to produce moderate yields of a wide range of crops including oilseed rape and potatoes and moderate to high yields of a narrow range of crops principally cereals and grass

Land affected by minor soil wetness comprises medium clay loam or medium sandy loam topsoils which are similar in stone content than those described above. These tend to pass into heavier textured (medium clay loam sandy clay loam and clay) very slightly stony (0-3% total flints) upper subsoils which are usually gleyed and are in some instances slowly permeable. Lower subsoils comprise stoneless clay sandy clay sandy and heavy clay loam textures which are usually poorly structured and slowly permeable. The depth to gleying varies from the surface down to 35cm. A wetness class of III or IV and subsequently Subgrade 3a is therefore considered appropriate depending on topsoil texture depth to gleying and the slowly permeable layer. The impeded drainage tends to restrict utilisation of the land to a moderate degree by reducing the number of days when cultivations and/or grazing may occur without causing structural damage to the soil.

## Subgrade 3b

- Land of moderate quality covers the majority of the survey area. The principal limitation is soil droughtiness with soil wetness and/or flooding occurring to a lesser extent
- The areas affected by soil droughtiness are those where soil profiles typically consist of a very slightly to moderately stony (up to 18% flints) medium sandy loam or loamy medium sand topsoil. These usually pass to similarly textured (but occasionally lighter or heavier) upper subsoils which vary depending on the amount of sand content (as in the similar soils in the Subgrade 3a unit). The volume of flint also varies in the upper subsoil and can reach as high as 40% total. Lower subsoils are similar in their variability but tend to be slightly coarser textured (loamy medium sand and medium sand). Stone content can reach as high as 60% in these lower horizons. The majority of the borings within this unit are impenetrable to the auger at depths between 40 and 110cm. The degree of wetness varies considerably within these profiles. Some soils show no signs of gleying, whilst others are gleyed from the surface. Despite this these areas of the Subgrade 3b unit tend to be well drained, usually having a Wetness Class of I or occasionally II. Soil pits 1.4 and 5 are representative of these soil types. The high volumes of hard stone in the soils as well as the relatively coarser textures of the soils act to significantly reduce the available water for crops, such that within the local climatic regime Subgrade 3b is appropriate.

Land of moderate quality is mapped extensively in the flat lower lying areas in the valley bottom adjacent to the River Mole. The land is assigned to this grade on account of moderate soil wetness and workability limitations but with an overriding limitation of flood risk. The soil profiles are very variable in nature ranging from heavy clayey profiles (similar to those described in paragraph 25) to lighter stonier profiles. The degree of wetness will subsequently vary according to the specific nature of the soils. Irrespective of soil properties local information on flood risk suggests that the land should be no better than Subgrade 3b and as such will present significant difficulties in terms of cropping and cultivations.

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#### **SOURCES OF REFERENCE**

British Geological Survey (1981) Sheet No 269 Windsor 1 50 000 scale (Solid and Drift Edition) BGS London

British Geological Survey (1978) Sheet No 270 South London 1 50 000 scale (Solid and Drift Edition) BGS London

Ministry of Agriculture Fisheries and Food (1988) Agricultural Land Classification of England and Wales Revised guidelines and criteria for grading the quality of agricultural land MAFF London

Met Office (1989) Climatological Data for Agricultural Land Classification Met Office Bracknell

Soil Survey of England and Wales (1983) Sheet 6 Soils of South East England 1 250 000 scale SSEW Harpenden

Soil Survey of England and Wales (1984) Soils and their Use in South East England. Bulletin 15 SSEW Harpenden

## DESCRIPTIONS OF THE GRADES AND SUBGRADES

## Grade 1 Excellent Quality Agricultural Land

Land with no or very minor limitations to agricultural use. A very wide range of agricultural and horticultural crops can be grown and commonly includes top fruit soft fruit salad crops and winter harvested vegetables. Yields are high and less variable than on land of lower quality.

#### Grade 2 Very Good Quality Agricultural Land

Land with minor limitations which affect crop yield cultivations or harvesting. A wide range of agricultural or horticultural crops can usually be grown but on some land of this grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1 land.

## Grade 3 Good to Moderate Quality Land

Land with moderate limitations which affect the choice of crops the timing and type of cultivation, harvesting or the level of yield. When more demanding crops are grown, yields are generally lower or more variable than on land in Grades 1 and 2

## Subgrade 3a Good Quality Agricultural Land

Land capable of consistently producing moderate to high yields of a narrow range of arable crops especially cereals or moderate yields of a wide range of crops including cereals grass oilseed rape potatoes sugar beet and the less demanding horticultural crops

## Subgrade 3b Moderate Quality Agricultural Land

Land capable of producing moderate yields of a narrow range of crops principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year

## Grade 4 Poor Quality Agricultural Land

Land with severe limitations which significantly restrict the range of crops and/or the level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.

## Grade 5 Very Poor Quality Agricultural Land

Land with severe limitations which restrict use to permanent pasture or rough grazing except for occasional pioneer forage crops

## APPENDIX II

## SOIL DATA

## Contents

Sample location map

Soil abbreviations - explanatory note

Soil pit descriptions

Soil boring descriptions (boring and horizon levels)

## SOIL PROFILE DESCRIPTIONS EXPLANATORY NOTE

Soil pit and auger boring information collected during ALC fieldwork is held on a computer database. This uses notations and abbreviations as set out below

### Boring Header Information

- 1 GRID REF national 100 km grid square and 8 figure grid reference
- 2 USE Land use at the time of survey The following abbreviations are used

| ARA | Arable                | WHT | Wheat               | BAR | Barley        |
|-----|-----------------------|-----|---------------------|-----|---------------|
| CER | Cereals               | OAT | Oats                | MZE | Maize         |
| OSR | Oilseed rape          | BEN | Field beans         | BRA | Brassicae     |
| POT | Potatoes              | SBT | Sugar beet          | FCD | Fodder crops  |
| LIN | Linseed               | FRT | Soft and top fruit  | FLW | Fallow        |
| PGR | Permanent pasture     | LEY | Ley grass           | RGR | Rough grazing |
| SCR | Scrub                 | CFW | Conferous woodland  | OTH | Other         |
| DCW | Deciduous<br>woodland | BOG | Bog or marsh        | SAS | Set Aside     |
| нтн | Heathland             | HRT | Horticultural crops | PLO | Ploughed      |

- 3 GRDNT Gradient as estimated or measured by a hand-held optical clinometer
- 4 GLEY/SPL Depth in centimetres (cm) to gleying and/or slowly permeable layers
- 5 AP (WHEAT/POTS) Crop adjusted available water capacity
- 6 MB (WHEAT/POTS) Moisture Balance (Crop adjusted AP crop adjusted MD)
- 7 DRT Best grade according to soil droughtiness
- 8 If any of the following factors are considered significant 'Y' will be entered in the relevant column

| MREL | Microrelief limitation | FLOOD | Flood risk  | <b>EROSN</b> | Soil erosion risk |
|------|------------------------|-------|-------------|--------------|-------------------|
| EXP  | Exposure limitation    | FROST | Frost prone | DIST         | Disturbed land    |
| CHEM | Chemical limitation    |       | -           |              |                   |

9 LIMIT The main limitation to land quality The following abbreviations are used

| OC. | Overall Climate | ΑE | Aspect          | ST | Topsoil Stoniness         |
|-----|-----------------|----|-----------------|----|---------------------------|
| FR  | Frost Risk      | GR | Gradient        | MR | Microrelief               |
| FL  | Flood Risk      | TX | Topsoil Texture | DP | Soil Depth                |
| CH  | Chemical        | WE | Wetness         | WK | Workability               |
| DR  | Drought         | ER | Erosion Risk    | WD | Soil Wetness/Droughtiness |
| EX  | Exposure        |    |                 |    | •                         |

## Soil Pits and Auger Borings

1 TEXTURE soil texture classes are denoted by the following abbreviations

| S   | Sand            | LS  | Loamy Sand      | SL  | Sandy Loam         |
|-----|-----------------|-----|-----------------|-----|--------------------|
| SZL | Sandy Silt Loam | CL  | Clay Loam       | ZCL | Silty Clay Loam    |
| ZL  | Silt Loam       | SCL | Sandy Clay Loam | C   | Clay               |
| SC  | Sandy Clav      | ZC  | Silty Clay      | OL  | Organic Loam       |
| P   | Peat            | SP  | Sandy Peat      | LP  | Loamy Peat         |
| PL  | Peaty Loans     | PS  | Peaty Sand      | MZ  | Marine Light Silts |

For the sand loamy sand, sandy loam and sandy silt loam classes the predominant size of sand fraction will be indicated by the use of the following prefixes

- F Fine (more than 66% of the sand less than 0 2mm)
- M Medium (less than 66% fine sand and less than 33% coarse sand)
- C Coarse (more than 33% of the sand larger than 0 6mm)

The clay loam and silty clay loam classes will be sub-divided according to the clay content M Medium (<27% clay) H Heavy (27 35% clay)

- 2 MOTTLE COL Mottle colour using Munsell notation
- 3 MOTTLE ABUN Mottle abundance expressed as a percentage of the matrix or surface described

F few <2% C common 2 20% M many 20-40% VM very many 40% +

- 4 MOTTLE CONT Mottle contrast
  - F faint indistinct mottles evident only on close inspection
  - D distinct mottles are readily seen
  - P prominent mottling is conspicuous and one of the outstanding features of the horizon
- > PED COL Ped face colour using Munsell notation
- 6 GLEY If the soil horizon is gleyed a Y will appear in this column. If slightly gleyed an S will appear
- 7 STONE LITH Stone Lithology one of the following is used

| HR   | all hard rocks and stones        | FSST | soft fine grained sandstone      |
|------|----------------------------------|------|----------------------------------|
| ZR   | soft argillaceous or silty rocks | CH   | chalk                            |
| MSST | soft medium grained sandstone    | GS   | gravel with porous (soft) stones |
| SI   | soft weathered                   | GH   | gravel with non porous (hard)    |
|      | igneous/metamorphic rock         |      | stones                           |

Stone contents (>2cm >6cm and total) are given in percentages (by volume)

8 STRUCT the degree of development size and shape of soil peds are described using the following notation

| Degree of development | WK<br>ST             | weakly developed<br>strongly developed                  | MD            | moderately developed                   |
|-----------------------|----------------------|---|---------------|--|
| Ped size              | F<br>C               | fine<br>coarse  | M             | medium                                 |
| Ped shape             | S<br>GR<br>SAB<br>PL | sıngle graın<br>granular<br>sub angular blocky<br>platy | M<br>AB<br>PR | massive<br>angular blocky<br>prismatic |

9 CONSIST Soil consistence is described using the following notation

L loose VF very friable FR friable FM firm VM very firm EM extremely firm EH extremely hard

- 10 SUBS STR Subsoil structural condition recorded for the purpose of calculating profile droughtiness G good M moderate P poor
- 11 POR Soil porosity If a soil horizon has less than 0.5% biopores >0.5 mm, a 'Y' will appear in this column
- 12 IMP If the profile is impenetrable to rooting a Y will appear in this column at the appropriate horizon
- 15 SPL Slowly permeable layer If the soil horizon is slowly permeable a Y will appear in this column
- 14 CALC If the soil horizon is calcareous a Y will appear in this column
- 1) Other notations

APW available water capacity (in mm) adjusted for wheat APP available water capacity (in mm) adjusted for potatoes

MBW moisture balance wheat MBP moisture balance potatoes

Site Name BURHILL GC COBHAM Pit Number 1P

Grid Reference TQ10306190 Average Annual Rainfall 646 mm

Accumulated Temperature 1498 degree days

Field Capacity Level 135 days
Land Use 011seed Rape

Slope and Aspect degrees

| HORIZON | TEXTURE | COLOUR    | STONES >2 | TOT STONE | LITH | MOTTLES | STRUCTURE | CONSIST | SUBSTRUCTURE | CALC |
|---------|---------|-----------|-----------|-----------|------|---------|-----------|---------|--------------|------|
| 0- 28   | MSL     | 10YR42 00 | 3         | 6         | HR   |         |           |         |              |      |
| 28- 42  | LMS     | 10YR44 00 | 0         | 6         | HR   |         | MDVCAB    | FR      | G            |      |
| 42- 55  | LMS     | 10YR54 00 | 0         | 42        | HR   |         |           | VF      | М            |      |
| 55- 76  | LMS     | 10YR54 64 | 0         | 55        | HR   |         |           | VF      | M            |      |
| 76- 90  | LMS     | 10YR54 56 | 0         | 60        | HR   |         |           | VF      | M            |      |
| 90-100  | MS      | 10YR64 00 | 0         | 55        | HR   | С       |           | VF      | М            |      |
| 100-120 | LMS     | 25 Y63 00 | 0         | 15        | HR   | С       | WKCSAB    | VF      | М            |      |

Wetness Grade 1 Wetness Class I

Gleying 090 cm SPL cm

Drought Grade 3B APW 081mm MBW -39 mm

APP 069mm MBP -47 mm

FINAL ALC GRADE 3B

Site Name BURHILL GC COBHAM Pit Number 2P

Grid Reference TQ10206200 Average Annual Rainfall 646 mm

Accumulated Temperature 1498 degree days

Field Capacity Level 135 days
Land Use Permanent Grass

Slope and Aspect degrees

TEXTURE COLOUR STONES >2 TOT STONE LITH MOTTLES STRUCTURE CONSIST SUBSTRUCTURE CALC HORIZON HZCL 10YR42 00 0 HR 0- 27 1 С 27- 45 С 10YR52 00 0 0 М MCSAB FΜ М 45- 70 10YR62 00 0 0 М MCPR FM Ρ

Wetness Grade 3B Wetness Class III

Gleying cm SPL 045 cm

Drought Grade 3A APW 100mm MBW -20 mm

APP 112mm M8P -5 mm

FINAL ALC GRADE 3B

MAIN LIMITATION Wetness

Site Name BURHILL GC COBHAM Pit Number 3P

Grid Reference TQ10706190 Average Annual Rainfall 646 mm

Accumulated Temperature 1498 degree days

Field Capacity Level 135 days
Land Use 0ilseed Rape
Slope and Aspect degrees

| HORIZON | TEXTURE | COLOUR    | STONES >2 | TOT STONE | LITH | MOTTLES | STRUCTURE | CONSIST | SUBSTRUCTURE | CALC |
|---------|---------|-----------|-----------|-----------|------|---------|-----------|---------|--------------|------|
| 0~ 31   | MSL     | 10YR42 00 | 0         | 1         | HR   |         |           |         |              |      |
| 31- 47  | LMS     | 10YR44 00 | 0         | 0         |      | C       | MVCSAB    | FR      | G            |      |
| 47- 76  | LMS     | 10YR72 00 | 0         | 0         |      | M       | MDVCAB    | FR      | G            |      |
| 76- 85  | SCL     | 10YR62 63 | 0         | 7         | HR   | М       | MVCSAB    | FR      | M            |      |
| 85- 94  | SCL     | 25Y 63 72 | 0         | 20        | HR   | М       | MVCSAB    | FR      | M            |      |
| 94-120  | MSL     | 25Y 53 00 | 0         | 30        | HR   | М       | MVCSAB    | FR      | M            |      |

Wetness Class Wetness Grade 1 I 047 cm Gleying SPL CIT APH 125mm MBW 5 mm Drought Grade 3A MBP APP 090mm -26 mm

FINAL ALC GRADE 3A

Site Name BURHILL GC COBHAM Pit Number 4P

Grid Reference TQ10706210 Average Annual Rainfall 646 mm

Accumulated Temperature 1498 degree days

Field Capacity Level 135 days
Land Use 01lseed Rape
Slope and Aspect degrees

| HORIZON | TEXTURE | COLOUR    | STONES >2 | TOT STONE | LITH | MOTTLES | STRUCTURE | CONSIST | SUBSTRUCTURE | CALC |
|---------|---------|-----------|-----------|-----------|------|---------|-----------|---------|--------------|------|
| 0- 32   | MSL.    | 10YR32 00 | 1         | 3         | HR   |         |           |         |              |      |
| 32- 56  | MSL     | 10YR43 00 | 0         | 38        | HR   |         |           | VF      | M            |      |
| 56-100  | LMS     | 10YR44 00 | 0         | 44        | HR   | M       |           | VF      | M            |      |
| 100-120 | LMS     | 10YR34 00 | 0         | 42        | HR   |         |           | ٧F      | М            |      |

Wetness Grade 1 Wetness Class I
Gleying cm
SPL cm

Drought Grade 38 APW 093mm MBW -27 mm APP 082mm MBP -35 mm

FINAL ALC GRADE 3B

Site Name BURHILL GC COBHAM Pit Number 5P

Grid Reference TQ10606240 Average Annual Rainfall 646 mm

Accumulated Temperature 1498 degree days

Field Capacity Level 135 days Land Use Onliseed Rape

Slope and Aspect degrees

| HORIZON | TEXTURE | COLOUR    | STONES >2 | TOT STONE | LITH | MOTTLES | STRUCTURE | CONSIST | SUBSTRUCTURE | CALC |
|---------|---------|-----------|-----------|-----------|------|---------|-----------|---------|--------------|------|
| 0- 28   | LMS     | 10YR34 00 | 1         | 2         | HR   |         |           |         |              |      |
| 28- 60  | LMS     | 10YR44 00 | 0         | 1         | HR   |         | WKCSAB    | VF      | М            |      |
| 60- 87  | LMS     | 10YR54 00 | 0         | 2         | HR   |         | WKCSAB    | VF      | М            |      |
| 87-120  | LMS     | 10YR54 00 | 0         | 18        | HR   | М       | WKCSAB    | VF      | M            |      |

Wetness Class Wetness Grade 1 Gleying cm

SPL cm

APW 082mm MBW -38 mm Drought Grade 3B

APP 066mm MBP -51 mm

FINAL ALC GRADE 3B

TQ10906240 OSR

T011006240 RGR

035 035

0

ЗА

1

2

127

137

6 101 -17

17 102 -14

34

WD

DR

RΔ

**3**A

-----**ASPECT** --WETNESS-- -WHEAT- -POTS-M REL EROSN FROST CHEM **ALC** GRID REF USE GRDNT GLEY SPL CLASS GRADE AP MB AP MB DRT FL000 EXP DIST LIMIT COMMENTS 1 TQ11106290 PGR 030 2 2 152 31 117 2 FL **3B** 1P TQ10306190 OSR 090 1 081 -39 069 -47 38 DR 38 2 TQ10906280 PGR 025 025 38 വവ 0 000 O WE **3B** FLOODING 2P TQ10206200 PGR 0 045 3 38 100 -20 112 -5 **3A** WE 3B 3 TQ11006280 PGR 075 1 1 125 4 095 -23 DR Q FLOODING 3P TQ10706190 OSR 047 1 1 125 5 090 -26 34 DR SL GL 310M 4 TQ11106280 PGR 060 1 1 141 20 114 FL 3B 4P TQ10706210 OSR 1 -27 082 -35 38 DR 3B 5 TQ10806270 OSR 1 063 -58 067 -51 4 DR 38 IMP 72 SEE 5P 5P TQ10606240 OSR 1 082 -38 066 -51 38 DR 38 TQ10906270 OSR 1 1 076 -45 079 -39 38 DR IMP 65 SEE PIT 38 TQ11006270 PGR 0 2 077 -44 077 -41 3B 1 DR IMP 50 TQ11106270 PGR 2 Ω 1 077 -44 077 -41 DR **3B** IMP 50 TQ11206270 PGR 0 025 38 0 000 0 WE **3B** TQ11306270 PGR 038 070 2 136 15 111 -7 2 ٧ FL 3B 11 TQ10406262 PGR 060 060 2 2 000 0 000 0 FL 38 TQ10506260 PGR 12 030 2 2 146 26 117 1 2 FI 3B TQ10606258 OSR 1 1 041 -79 041 -75 DR 3B I40 SEE 5P TQ10706260 OSR 1 050 -65 1 -70 051 DR I55 SEE 5P TQ10806260 OSR 1 1 065 -55 065 DR IBO SEE 5P 16 TQ10906260 OSR 055 1 083 1 -38 087 -31 38 DR 3B SEE 5P 17 TQ11006260 OSR 055 1 1 -66 055 -63 I40 SEE 5P DR **3B** 18 TQ11106260 LEY 0 042 3 34 000 0 000 0 WE **3**A 19 TQ11206260 LEY 1 1 048 -72 048 -68 DR 3B SEE 4P TQ10306250 PGR 20 025 055 3 000 34 0.000 0 FL 3B 21 TQ10406248 PGR 060 1 1 152 32 117 2 FL 38 TQ10506250 OSR 1 1 059 61 063 -53 DR 38 I70 SEE 5P TQ10606250 OSR 1 1 072 -48 077 -39 38 DR 38 170 SEE 5P 24 TQ10706250 OSR 100 1 081 -39 066 -50 3B DR 3B SEE 5P 25 TQ10806250 OSR 050 1 082 -38 066 -50 3B DR 3B SEE 5P 26 TQ10906250 OSR 035 1 088 1 -33 088 -30 3B DR 3B 180 SEE 4P 27 TQ11026248 LEY 035 2 1 083 -37 083 DR 3A IMP SEE 3P TQ11106250 LEY 035 064 1 -56 064 -52 4 DR 3B SEE 4P T010206240 PGR 0 050 3 138 34 18 113 -3 2 38 FL 30 TQ10306240 PGR 0 028 4 3B 000 0 000 0 WE 3B FLOODING 31 TQ10406240 PGR 030 055 3 119 34 -1 115 -1 34 FL 38 32 TQ10506240 OSR 1 1 054 -66 056 -60 DR 3B 160 SEE 5P TQ10606240 OSR 1 072 ~48 066 -50 3B 3B 195 SEE 5P DR TQ10706240 OSR 1 070 ~50 067 -49 4 DR 3B I90 SEE 5P TQ10806240 OSR 0 1 1 087 -34 090 -28 **3B** 3B I58 SEE 4P DR

| SAMP       | LE                       | Δ    | SPECT |     |       |     | - WET! | NESS       | - <b>₩</b> | iEAT-     | -PC | OTS-       | м   | REL   | EROSN | FR0 | ST   | CHEM     | ALC |                           |
|------------|--------------------------|------|-------|-----|-------|-----|--------|------------|------------|-----------|-----|------------|-----|-------|-------|-----|------|----------|-----|---------------------------|
| NO         | GRID REF                 |      |       |     | GLEY  | SPL |        | GRADE      |            |           | AP  |            | DRT | FLOOD |       | EXP | DIST | LIMIT    | ALO | COMMENTS                  |
|            |                          |      |       |     |       |     |        |            |            |           |     |            |     |       |       |     |      |          |     |                           |
| 38         | TQ11106240               |      |       |     | 0     |     | 2      | 1          | 122        |           |     | -40        | 2   |       |       |     |      | DR       | 2   |                           |
| 39         | TQ10356228               |      | W     | 03  |       |     | 1      | 1          | 042        |           | 042 |            |     |       |       |     |      | DR       | 38  | I40 SEE 1P                |
| 40         | TQ10506230               |      |       |     |       |     | 1      | 1          | 081        |           |     | -51        |     |       |       |     |      | DR       | 38  | SEE 5P                    |
| 41         | TQ10606230               |      |       |     |       |     | 1      | 1          | 079        |           | 066 | -50        | 38  |       |       |     |      | DR       | 3B  | I110 SEE 5P               |
| 42         | TQ10706230               | OSR  |       |     |       |     | 1      | 1          | 063        | -57       | 063 | -53        | 4   |       |       |     |      | DR       | 3B  | I80 SEE 5P                |
| <br>43     | TQ10806230               | OSD. |       |     | 030   |     | 1      | 1          | 001        | 30        | 006 | -22        | 20  |       |       |     |      | 00       | 20  | 170 CEE 4D                |
| 43         | TQ10806230               |      |       |     | 030   |     | 2      | 1          | 091<br>097 |           |     | -14        |     |       |       |     |      | DR       |     | 170 SEE 4P                |
| 45         | TQ11006230               |      |       |     | 0     |     | 1      | 1          | 095        |           | 094 | -23        |     |       |       |     |      | DR<br>Dr |     | 175 SEE 3P<br>180 SEE 3P  |
| 46         | TQ10306220               |      | W     | 03  | •     |     | 1      | 1          | 060        |           | 057 | -59        |     |       |       |     |      | DR<br>DR | 3B  | I90 SEE 5P                |
| 47         | TQ10406220               |      | ••    | ••• |       |     | 1      | 1          | 052        |           |     | -62        |     |       |       |     |      | DR       |     | I60 SEE 5P                |
|            |                          |      |       |     |       |     |        |            |            |           |     |            | Ť   |       |       |     |      | 5.1      | -   | 100 022 01                |
| 48         | TQ10506220               | PGR  |       |     |       |     | 1      | 1          | 059        | -61       | 059 | -57        | 4   |       |       |     |      | DR       | 38  | I45 SEE 5P                |
| _ 49       | TQ10606220               | OSR  |       |     |       |     | 1      | 1          | 094        | -26       | 101 | -15        | 38  |       |       |     |      | DR       |     | 170 SEE 4P                |
| 50         | TQ10706220               | OSR  |       |     | 032   |     | 1      | 1          | 063        | -58       | 064 | -54        | 4   |       |       |     |      | DR       | 3B  | 155 SEE 4P                |
| 51         | TQ10806220               | OSR  |       |     | 030   |     | 1      | 1          | 064        | -57       | 065 | -53        | 4   |       |       |     |      | DR       | 3B  | I57 SEE 4P                |
| 52         | TQ10906220               | OSR  |       |     | 035   |     | 1      | 1          | 074        | -47       | 076 | -42        | 3B  |       |       |     |      | DR       | 3B  | IMP 72                    |
|            |                          |      |       |     |       |     |        |            |            |           |     |            |     |       |       |     |      |          |     |                           |
| 53         | TQ11006220               |      |       |     | 035   |     | 1      | 1          | 105        | -15       |     | -11        | ЗА  |       |       |     |      | DR       | 3B  |                           |
| 54         | TQ10206210               |      |       |     | 050 ( | 075 | 2      | 2          | 147        |           | 123 | 7          | _   |       |       |     |      |          | 3B  |                           |
| 55         | TQ10306210               |      | _     |     |       |     |        | 1          | 054        | -66       |     | -60        |     |       |       |     |      |          |     | 164                       |
| 56         | TQ10406210               |      | E     | 01  |       |     | 1      | 1          | 062        |           | 061 |            |     |       |       |     |      |          |     | 180                       |
| <b>5</b> 7 | TQ10506210               | PGK  |       |     |       |     | 1      | 1          | 090        | -30       | 093 | -23        | 38  |       |       |     |      | DR       | 3B  | 155 SEE 4P                |
| 58         | TQ10606210               | OSR  |       |     |       |     | 1      | 1          | 065        | -56       | 068 | -50        | Δ   |       |       |     |      | DR       | 3B  | 160 SEE 4P                |
| 59         | TQ10706210               |      |       |     | 035   |     |        | 1          | 077        |           | 081 |            | 3B  |       |       |     |      |          |     | 170 SEE 4P                |
| 60         | TQ10806210               |      |       |     | 028   |     |        | 1          | 091        | -29       |     | -20        | 38  |       |       |     |      |          |     | 165 SEE 4P                |
| 61         | TQ10906210               |      |       |     | 030   |     | 1      | 1          | 080        | -40       |     | -33        | 3B  |       |       |     |      |          |     | 160 SEE 4P                |
| 62         | TQ10206200               |      |       |     | 025 0 | )45 | 3      | 3A         | 137        | 17        | 114 | -2         | 2   |       |       |     |      | WE       |     | SEE PIT 2                 |
|            |                          |      |       |     |       |     |        |            |            |           |     |            |     |       |       |     |      |          |     |                           |
| 63         | TQ10306200               | OSR  |       |     |       |     | 1      | 1          | 065        | -55       | 065 | -51        | 4   |       |       |     |      | DR       | 3B  | 182 SEE 5P                |
| 64         | TQ10406200               | OSR  |       |     |       |     | 1      | 1          | 075        | -45       | 066 | -50        | 3B  |       |       |     |      | DR       | 3B  | I100 SEE 5P               |
| 65         | TQ10506200               |      |       |     | 0 0   | 35  | 4      | 3 <b>A</b> | 123        |           | 108 | -8         | 3A  |       |       |     |      | WE       | 3A  |                           |
| 68         | TQ10806200               |      |       |     | 035   |     | 1      | 1          |            | -53       |     | -49        | 4   |       |       |     |      |          |     | I48 SEE 4P                |
| 69         | TQ10906200               | OSR  |       |     | 032   |     | 1      | 1          | 065        | -55       | 065 | -51        | 4   |       |       |     |      | DR       | 38  | I50 SEE 4P                |
| <b>.</b>   | T010100100               | D00  |       |     |       | ·c0 | 3      | 24         | 140        | ^^        |     |            | •   | v     |       |     |      |          | 20  |                           |
|            | TQ10106190               |      |       |     | 0 0   | UOU |        |            | 140        |           | 117 | 1          |     | Y     |       |     |      |          |     | SEE PIT 2                 |
| 71         | TQ10206190<br>TQ10306190 |      |       |     |       |     | -      |            | 044        | -76<br>50 |     | -72<br>-45 |     |       |       |     |      |          |     | ISO SEE 1P                |
| 72<br>73   | TQ10306190               |      |       |     | 030   |     |        |            | 070<br>089 |           |     | -45<br>-27 |     |       |       |     |      |          |     | 155 SEE 1P                |
|            | TQ10506190               |      |       |     | 030   |     |        |            | 066        |           |     | -50        |     |       |       |     |      |          |     | 180 POSS 3A<br>140 SEE 1P |
| ₽′¯        | 1010300130               | ₩.   |       |     |       |     | •      | •          | 000        | ~         | 000 | -30        | 7   |       |       |     |      |          | 30  | 140 366 17                |
| 75         | TQ10606190               | OSR  |       |     | 045   |     | 1      | 1          | 083        | -37       | 087 | -29        | 38  |       |       |     |      | DR .     | 3B  | 168 SEE 4P                |
| _          | TQ10706190               |      |       |     | 035   |     |        |            | 086        | -34       |     | -35        |     |       |       |     |      |          |     | 185 SEE 3P                |
| 77         | TQ10806190               |      | W     | 01  | 060   |     |        |            | 000        |           | 000 | 0          |     |       |       |     |      |          |     | 190 SEE 3P                |
| 78         | TQ10906190               |      |       |     | 035   |     | 1      | 1          | 078        | -42       |     | -38        | 3B  |       |       |     |      |          |     | I50 SEE 4P                |
| 79         | TQ10206180               | OSR  |       |     |       |     | 1      | 1          | 045        | -75       | 045 | -71        | 4   |       |       |     |      | DR :     |     | 150 SEE 1P                |
| _          |                          |      |       |     |       |     |        |            |            |           |     |            |     |       |       |     |      |          |     |                           |
|            | TQ10306180               |      |       |     | 030   |     |        |            |            |           |     | -38        |     |       |       |     |      | DR :     | 3B  | 150 SEE 1P                |
| 81         | TQ10406180               | OSR  |       |     | 030   |     | 1      | 1          | 080        | -40       | 080 | -36        | 3B  |       |       |     |      | DR :     | 3B  | 150 SEE 1P                |
|            |                          |      |       |     |       |     |        |            |            |           |     |            |     |       |       |     |      |          |     |                           |
|            |                          |      |       |     |       |     |        |            |            |           |     |            |     |       |       |     |      |          |     |                           |

# program ALCO12 LIST OF BORINGS HEADERS 17/02/98 BURHIŁL GC COBHAM

page 3

| SAMI | AE 31      | A   | SPECI |       |      |     | MFII  | NF22       | -MH | EAI- | -P0 | 11S- | M          | KEL   | EKUSN | FRUST  | CHEM  | ALC |            |  |
|------|------------|-----|-------|-------|------|-----|-------|------------|-----|------|-----|------|------------|-------|-------|--------|-------|-----|------------|--|
| МО   | GRID REF   | USE |       | GRDNT | GLEY | SPL | CLASS | GRADE      | AP  | MB   | AP  | MB   | DRT        | FL000 | Đ     | P DIST | LIMIT |     | COMMENTS   |  |
| 82   | TQ10506180 | OSR |       |       | 032  | 043 | 3     | <b>3</b> A | 121 | 1    | 107 | -9   | 3A         |       |       |        | ₩D    | ЗА  |            |  |
| 83   | TQ10606180 | OSR | W     | 01    |      |     | 1     | 1          | 067 | ~53  | 067 | -49  | 4          |       |       |        | DR    | 38  | I50 SEE 1P |  |
| 84   | TQ10706180 | OSR |       |       | 030  |     | 2     | 1          | 107 | -13  | 092 | -24  | 3 <b>A</b> |       |       |        | DR    | ЗА  | 190 SEE 3P |  |

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|              |                   |            |                        |         | 10TTLES | <u></u> | PED    |        |   | S | TONES: |          | STRUCT/                | SUE    | s |     |     |      |             |
|--------------|-------------------|------------|------------------------|---------|---------|---------|--------|--------|---|---|--------|----------|------------------------|--------|---|-----|-----|------|-------------|
| SAMPLE       | DEPTH             | TEXTURE    | COLOUR                 |         | ABUN    |         |        | GLEY   |   |   |        |          | CONSIST                |        |   | IMP | SPL | CALC |             |
| 1            | 0-30              | mcl        | 10YR42 00              |         |         |         |        |        | 0 | 0 |        | 0        |                        |        |   |     |     |      |             |
|              | 30-55             | hc1        | 10YR52 00              | 10YR58  | 3 00 C  |         |        | Y      | 0 | 0 | HR     | 2        |                        | М      |   |     |     |      |             |
| •            | 55-70             | С          | 10YR52 00              | 10YR58  | 3 00 C  | C       | OOMNOO | 00 Y   | 0 | 0 |        | 0        |                        | M      |   |     |     |      |             |
| 1            | 70-120            | scl        | 10YR52 00              | 10YR58  | 3 00 C  | C       | OMNOO  | 00 Y   | 0 | 0 |        | 0        |                        | M      |   |     |     |      |             |
| 1P           | 0-28              | msl        | 10YR42 00              |         |         |         |        |        | 3 | 1 | HR     | 6        |                        |        |   |     |     |      |             |
| _            | 28-42             | lms        | 10YR44 00              |         |         |         |        |        | 0 | 0 | HR     | 6        | MDVCAB F               | RG     |   |     |     |      |             |
|              | 42-55             | lms        | 10YR54 00              |         |         |         |        |        | 0 | 0 | HR     | 42       | V                      | F M    |   |     |     |      |             |
| J            | 55-76             | lms        | 10YR54 64              |         |         |         |        |        | 0 | 0 | HR     | 55       | V                      | F M    |   |     |     |      |             |
|              | 76-90             | lms        | 10YR54 56              |         |         |         |        |        | 0 | 0 | HR     | 60       | V                      | F M    |   |     |     |      |             |
| )            | 90-100            | ms         | 10YR64 00              | 10YR68  | 3 00 C  |         |        | Υ      | 0 | 0 | HR     | 55       | V                      | FM     |   |     |     |      |             |
| ,            | 100–120           | lms        | 25 Y63 00              | 10YR58  | 8 68 C  | 0       | OMNOO  | 00 Y   | 0 | 0 | HR     | 15       | WKCSAB V               | FM     |   |     |     |      |             |
| 2            | 0-25              | hc1        | 10YR42 00              |         |         |         |        |        | 0 | 0 |        | 0        |                        |        |   |     |     |      |             |
| ĺ            | 25-70             | С          | 10YR62 00              | 75YR56  | 00 M    | 0       | OMNOO  | 00 Y   | 0 | 0 |        | 0        |                        | Р      |   |     | Y   |      | IMP FLINTS  |
| 2P           |                   | hzcl       | 10YR42 00              |         |         |         |        | Y      |   |   | HR     | 1        |                        |        |   |     |     |      | BORDER MZCL |
| l            | 27-45             | С          | 10YR52 00              |         |         |         |        | Υ      |   | 0 |        |          |                        | мм     |   |     |     |      |             |
| i            | 45–70             | С          | 10YR62 00              | 75YR56  | 00 M    |         |        | Y      | 0 | 0 |        | 0        | MCPR F                 | M P    | Y |     | Y   |      |             |
| 3            | 0-32              | msl        | 10YR42 00              |         |         |         |        |        |   |   | HR     | 5        |                        |        |   |     |     |      |             |
|              | 32-45             | ms l       | 10YR54 00              |         |         |         |        |        |   |   | HR     | 2        |                        | M      |   |     |     |      |             |
| •            | 45–75             | lms        | 10YR54 00              |         |         |         |        |        | 0 |   |        | 0        |                        | G      |   |     |     |      |             |
|              | 75-90             | ms<br>-    | 25 Y74 00              |         |         |         |        | Y      | 0 |   |        | 0        |                        | G      |   |     |     |      |             |
|              | 90-110            | lms        | 25 Y74 00              |         |         |         |        | Y      |   | 0 |        | 0        |                        | G      |   |     |     |      |             |
| J            | 110–120           | msl        | 25 Y74 00              | 10YR58  | 3 00 C  |         |        | Υ      | 0 | 0 |        | 0        |                        | М      |   |     |     |      |             |
| 3P           | 0-31              | msl        | 10YR42 00              |         |         |         |        | _      |   |   | HR     | 1        |                        |        |   |     |     |      |             |
|              | 31-47             | lms        | 10YR44 00              |         |         |         |        | S      | 0 |   |        |          | MVCSAB FI              |        |   |     |     |      |             |
| <del>.</del> | 47-76             | lms        | 10YR72 00              |         |         |         |        | Y      | 0 |   |        |          | MDVCAB FI              |        |   |     |     |      |             |
| 1            | 76-85             | scl        | 10YR62 63              |         |         |         |        | Y      |   | 0 |        |          | MVCSAB FI              |        |   |     |     |      |             |
|              | 85-94<br>94-120   | sc)<br>msl | 25Y 63 72<br>25Y 53 00 |         |         |         |        | Y<br>Y |   | 0 |        |          | MVCSAB FI<br>MVCSAB FI |        |   |     |     |      |             |
|              | 0.20              | mal .      | 10YR43 00              |         |         |         |        |        | 0 | 0 | บถ     | 2        |                        |        |   |     |     |      |             |
| 7            | 0-28<br>28-40     | mcl        | 101R43 00              |         |         |         |        |        |   | 0 |        | 2        |                        | М      |   |     |     |      |             |
|              |                   | mcl<br>sel |                        | 75VD46  | 00 E    |         |        |        |   |   | пк     | 2        |                        |        |   |     |     |      |             |
|              | 40-60<br>60.85    | scl        | 10YR54 00<br>25 Y63 00 |         |         | Δ.      | 0MN00  | 00 V   | 0 | 0 |        | 0        |                        | M      |   |     |     |      |             |
| 1            | 60-85             | hcl<br>mal | 25 Y63 00<br>25 Y73 00 |         |         |         | OMNOO  |        | 0 |   |        | 0        |                        | M      |   |     |     |      |             |
| j            | 85-95<br>95-120   | msl<br>lms | 25 Y73 00              |         |         |         | OMNOO  |        | 0 |   |        | 0        |                        | M<br>M |   |     |     |      |             |
| )            |                   | -          | 10/020 00              |         |         |         |        |        | • | ^ | up.    | _        |                        |        |   |     |     |      |             |
| 4P           | 0-32              | msl<br>1   | 10YR32 00              |         |         |         |        |        |   | 0 |        | 3        |                        | . ,,   |   |     |     |      |             |
| i            | 32-56<br>56 100   | ms1        | 10YR43 00              | 005500  | 00.14   |         |        |        | 0 |   |        | 38       |                        | : M    |   |     |     |      |             |
| )            | 56-100<br>100-120 | lms<br>lms | 10YR44 00<br>10YR34 00 | OUF EUO | UU M    |         |        |        | 0 |   |        | 44<br>42 |                        | F M    |   |     |     |      |             |
| 5            | 0-32              | lms        | 10YR43 00              |         |         |         |        |        | 2 | Λ | нΩ     | 3        |                        |        |   |     |     |      |             |
| ,            | 32-50             | lms        | 101R43 00              |         |         |         |        |        |   | 0 |        | 5        |                        | м      |   |     |     |      |             |
|              | 50 <b>-</b> 72    | lms        | 10YR34 00              | 10YR62  | 00 C    | 0       | OMINOO | 00 S   |   | 0 |        | 5        |                        | М      |   |     |     |      | IMP STONES  |
| 1            |                   |            |                        |         |         |         |        |        |   |   |        |          |                        |        |   |     |     |      |             |

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|             |                |            |                        |        | MOTTLES | S    | PED      |      |                | S  | TONES | S     | STRUCT/  | SUBS    |     |       |     |         |       |
|-------------|----------------|------------|------------------------|--------|---------|------|----------|------|----------------|----|-------|-------|----------|---------|-----|-------|-----|---------|-------|
| SAMPLE      | DEPTH          | TEXTURE    | COLOUR                 | COL    | ABUN    | CONT | COL      | GLEY | <b>' &gt;2</b> | >6 | LIT   | 1 TOT | CONSIST  | STR POR | IMP | SPL C | ALC |         |       |
| ED.         | 0.20           | 1          | 100034 00              |        |         |      |          |      | 1              | ^  | HR    | 2     |          |         |     |       |     |         |       |
| ) 5P        | 0-28           | lms        | 10YR34 00              |        |         |      |          |      |                |    | HR    |       | WKCSAB V | - M     |     |       |     |         |       |
| ł           | 28-60<br>60-87 | lms        | 10YR44 00<br>10YR54 00 |        |         |      |          |      |                |    | HR    |       | WKCSAB V |         |     |       |     |         |       |
|             | 87-120         | lms<br>lms | 101R54 00              | OUEEU  | и оо и  |      |          |      |                |    | HR    |       | WKCSAB V |         |     |       |     |         |       |
|             | 07-120         | THIS       | 101834 00              | 001 20 |         |      |          |      | ·              | Ū  |       |       | HACCHU Y | , 11    |     |       |     |         |       |
| 6           | 0-35           | ms 1       | 10YR43 00              |        |         |      |          |      | 1              | 0  | HR    | 2     |          |         |     |       |     |         |       |
|             | 35-50          | lms        | 10YR44 00              |        |         |      |          |      | 0              | 0  | HR    | 2     |          | М       |     |       |     |         |       |
| Ì           | 50-65          | lms        | 10YR44 00              |        |         |      |          |      | 0              | 0  | HR    | 10    |          | м       |     |       |     | IMP FLI | NTS   |
|             |                |            |                        |        |         |      |          |      |                |    |       |       |          |         |     |       |     |         |       |
| 7           | 0-27           | ms1        | 10YR42 00              | 75YR4  | 6 00 C  |      |          | Y    | 0              | 0  | HR    | 5     |          |         |     |       |     |         |       |
| <b>1</b>    | 27-50          | msl        | 10YR61 00              | 75YR5  | 6 00 M  |      |          | Υ    | 0              | 0  | HR    | 5     |          | М       |     |       |     | IMP FLI | NTS   |
| ĺ           |                |            |                        |        |         |      |          |      |                |    |       |       |          |         |     |       |     |         |       |
| 8           | 0-30           | ms 1       | 10YR42 00              | 75YR4  | 6 00 C  |      |          | Υ    |                |    | HR    | 2     |          |         |     |       |     |         |       |
| <b>.</b>    | 30-50          | scl        | 10YR61 62              | 75YR4  | 5 00 M  |      |          | Y    | 0              | 0  | HR    | 10    |          | M       |     |       |     | IMP GRA | VELLY |
|             |                |            |                        |        |         |      |          |      | _              |    |       |       |          |         |     |       |     |         |       |
| 9           | 0-25           | mcl        | 10YR42 00              | -      |         |      |          | Υ    |                | 0  |       | 0     |          | _       |     |       |     |         |       |
| _           | 25-60          | sc         | 10YR61 00              | 75YR50 | O UU M  |      |          | Y    | 0              | U  |       | 0     |          | P       |     | Y     |     |         |       |
| 10          | 0-28           | 1          | 10YR42 00              |        |         |      |          |      | n              | ۸  | HR    | 2     |          |         |     |       |     |         |       |
| , IU        | 28-38          | mcl<br>mcl | 101R42 00              |        |         |      |          |      |                |    | HR    | 10    |          | м       |     |       |     |         |       |
|             | 38 45          | hcl        | 101R43 00              | 10VR58 | 3 00 C  |      |          | Y    | 0              |    |       | 10    |          | M       |     |       |     |         |       |
|             | 45-70          | scl        | 25 Y62 00              |        |         | 0    | 0MN00    |      |                |    |       | 2     |          | M       |     |       |     |         |       |
| 5           | 70-120         |            | 25 Y62 00              |        |         |      | OMNOO    |      |                | 0  |       | 0     |          | <br>Ρ   |     | Y     |     |         |       |
|             |                |            |                        |        |         |      |          |      | -              | -  |       | _     |          | ·       |     | ·     |     |         |       |
| 11          | 0-28           | mcl        | 10YR42 00              |        |         |      |          |      | 0              | 0  |       | 0     |          |         |     |       |     |         |       |
|             | 28-60          | hc1        | 10YR44 54              |        |         |      |          |      | 0              | 0  |       | 0     |          | М       |     |       |     |         |       |
| _           | 60-120         | c          | 10YR54 64              | 10YR58 | 3 00 C  | 0    | OMNOO    | 00 Y | 0              | 0  |       | 0     |          | P       |     | Y     |     |         |       |
| 8           |                |            |                        |        |         |      |          |      |                |    |       |       |          |         |     |       |     |         |       |
| 12          | 0-30           | നാ         | 10YR43 00              |        |         |      |          |      |                | 0  |       | 0     |          |         |     |       |     |         |       |
| _           | 30-55          | hc1        | 25Y 63 00              |        |         |      | OMNOO    |      |                | 0  |       | 0     |          | М       |     |       |     |         |       |
|             | 55-70          | scl        | 25Y 62 00              |        |         | 0    | OMNO0    |      |                | 0  |       | 0     |          | M       |     |       |     |         |       |
|             | 70-95          | ms l       | 25Y 63 00              |        |         | •    | 0.8100   | Υ    |                | 0  |       | 0     |          | М       |     |       |     |         |       |
|             | 95-120         | lms        | 25Y 63 00              | 10YR56 | 1 00    | U    | OMNOO    | 00 Y | U              | 0  |       | 0     |          | М       |     |       |     |         |       |
| <b>n</b> 10 | 0.20           | 3          | 100042 42              |        |         |      |          |      | _              | ,  | HR    | 10    |          |         |     |       |     |         |       |
| 13          | 0-30<br>30-40  |            | 10YR42 43<br>10YR44 54 |        |         |      |          |      |                |    | HR    | 30    |          | м       |     |       |     | IMP FLI | MTC   |
| •           | 30-40          | lms        | 101844 54              |        |         |      |          |      | ٠              | ٥  | HE    | 30    |          | 13      |     |       |     | IMP FLI | 113   |
| _ 14        | 0-33           | lms        | 10YR42 00              |        |         |      |          |      | 3              | 1  | HR    | 10    |          |         |     |       |     |         |       |
| 1"          | 33-55          | lms        | 101R42 00              | 107866 | 5 00 F  |      |          |      |                |    | HR    | 25    |          | м       |     |       |     | IMP FLI | NTS   |
|             | 35-33          | 11113      | 1011(54 00             | 101110 |         |      |          |      | •              | •  | •     |       |          | ••      |     |       |     | 110 121 |       |
| 15          | 0~35           | lms        | 10YR42 00              |        |         |      |          |      | 0              | 0  | HR    | 5     |          |         |     |       |     |         |       |
| 1           | 35-60          | lms        | 10YR44 54              |        |         |      |          |      |                |    | HR    | 5     |          | М       |     |       |     |         |       |
|             | 60-80          | ms         | 10YR74 64              |        |         |      |          |      |                |    | HR    | 20    |          | М       |     |       |     | IMP FLI | NTS   |
| _           |                |            |                        |        |         |      |          |      |                |    |       |       |          |         |     |       |     |         |       |
| 16          | 0-35           | msl        | 10YR43 00              |        |         |      |          |      | 2              | 0  | HR    | 3     |          |         |     |       |     |         |       |
| ŀ           | 35-45          | msl        | 10YR44 00              |        |         |      |          |      | 0              | 0  | HR    | 2     |          | М       |     |       |     |         |       |
| -           | 45-55          | lms        | 10YR54 00              |        |         |      |          |      |                |    | HR    | 2     |          | М       |     |       |     |         |       |
|             | 55-65          | lms        | 10YR73 00              | 75YR56 | 00 C    | 0    | OOMNOO I | Y 00 | 0              | 0  | HR    | 2     |          | M       |     |       |     | IMP FLI | NTS   |
|             |                |            |                        |        |         |      |          |      |                |    |       |       |          |         |     |       |     |         |       |
|             |                |            |                        |        |         |      |          |      |                |    |       |       |          |         |     |       |     |         |       |

|              |         |         |           |        | MOTTLES | S <del>-</del> | PED     |    |     |    | S1  | TONES |     | STRUCT/ | SUBS    |     |       |      |              |
|--------------|---------|---------|-----------|--------|---------|----------------|---------|----|-----|----|-----|-------|-----|---------|---------|-----|-------|------|--------------|
| SAMPLE       | DEPTH   | TEXTURE | COLOUR    | ΩL     | ABUN    | CONT           | COL     | Gl | -EY | >2 | >6  | LITH  | тот | CONSIST | STR POR | IMP | SPL ( | CALC |              |
| 17           | 0-35    | നടി     | 10YR32 42 |        |         |                |         |    |     | 12 | 4   | HR    | 18  |         |         |     |       |      |              |
|              | 35-45   | lms     | 10YR44 54 |        |         |                |         |    |     | 0  | 0   | HR    | 30  |         | M       |     |       |      | IMP FLINTS   |
| 18           | 0-28    | mcl     | 10YR51 00 | 75YR4  | 6 00 M  |                |         |    | Y   | 2  | 0   | HR    | 3   |         |         |     |       |      |              |
|              | 28-42   | scl     | 25 Y62 00 | 10YR5  | B 00 M  | 1              | 00MN00  | 00 | Y   | 0  | 0   |       | 0   |         | М       |     |       |      |              |
|              | 42-70   | sc      | 25 Y62 00 | 10YR5  | 6 00 M  | 1              | COMMOD  | 00 | Y   | 0  | 0   |       | 0   |         | Р       |     | Y     |      |              |
| •            | 70-80   | c       | 25 Y53 00 | 10YR5  | 8 00 M  |                |         |    | Y   | 0  | 0   |       | 0   |         | Р       |     | Y     |      |              |
| 19           | 0-30    | msl     | 10YR33 00 |        |         |                |         |    |     | 3  | 1   | HR    | 6   |         |         |     |       |      | IMP FLINTS   |
| 20           | 0-25    | mzcl    | 25Y 42 00 |        |         |                |         |    |     | 0  | 0   |       | 0   |         |         |     |       |      |              |
|              | 25-55   | hzcl    | 25Y 62 00 | 10YR58 | 9 00 M  | (              | OOMNOO  | 00 | Υ   | 0  | 0   |       | 0   |         | М       |     |       |      |              |
| •            | 55-90   | С       | 25Y 72 00 | 10YR5  | 3 00 M  |                |         |    | Y   | 0  | 0   |       | 0   |         | P       |     | Y     |      |              |
| 21           | 0-30    | mcl     | 10YR42 00 |        |         |                |         |    |     | 0  | 0   |       | 0   |         |         |     |       |      |              |
|              | 30-60   | mcl     | 10YR44 54 | 10YR56 | 5 00 F  |                |         |    |     | 0  | 0   |       | 0   |         | M       |     |       |      |              |
|              | 60-105  | msl     | 10YR53 62 | 10YR5  | 5 00 C  |                |         |    | Y   | 0  | 0   |       | 0   |         | М       |     |       |      |              |
|              | 105-120 | ms      | 25Y 63 00 | 10YR56 | 5 00 C  |                |         |    | Y   | 0  | 0   |       | 0   |         | M       |     |       |      |              |
| 22           | 0-35    | lms     | 10YR42 00 |        |         |                |         |    |     | 3  | 1   | HR    | 8   |         |         |     |       |      |              |
| -            | 35-55   | lms     | 10YR44 00 |        |         |                |         |    |     |    | 0   |       | 10  |         | М       |     |       |      |              |
|              | 55-70   | lms     | 10YR44 00 |        |         |                |         |    |     | 0  | 0   | HR    | 30  |         | М       |     |       |      | IMP FLINTS   |
| 23           | 0-33    | msl     | 10YR42 00 |        |         |                |         |    |     |    | 1   |       | 8   |         |         |     |       |      |              |
|              | 33-65   | lms     | 10YR44 00 |        |         |                |         |    |     |    | 0   |       | 5   |         | М       |     |       |      |              |
|              | 65-70   | lms     | 10YR44 00 |        |         |                |         |    |     | 0  | 0   | HR    | 25  |         | М       |     |       |      | IMP FLINTS   |
| <b>2</b> 4   | 0-33    | lms     | 10YR42 00 |        |         |                |         |    |     | 1  | 0   | HR    | 5   |         |         |     |       |      |              |
|              | 33-60   | 1ms     | 10YR44 00 |        |         |                |         |    |     | 0  |     |       | 5   |         | М       |     |       |      |              |
| •            | 60-100  | lms     | 10YR64 00 | 10YR58 | 3 00 F  |                |         |    |     | 0  | 0   | HR    | 5   |         | м       |     |       |      |              |
|              | 100-120 | ms      | 10YR64 74 | 10YR58 | 3 00 C  |                |         |    | Y   | 0  | 0   | HR    | 30  |         | M       |     |       |      |              |
| 25           | 0-33    | lms     | 10YR42 00 |        |         |                |         |    |     | 1  | 0   | HR    | 5   |         |         |     |       |      |              |
|              | 33 50   | 1ms     | 10YR44 00 |        |         |                |         |    |     | 0  | 0   | HR    | 5   |         | М       |     |       |      |              |
|              | 50 95   | lms     | 10YR64 00 | 10YR58 | 3 00 C  | (              | 00MM00  | 00 | Y   | 0  | 0   | HR    | 5   |         | М       |     |       |      |              |
|              | 95-110  | ms      | 10YR74 00 | 10YR68 | 3 00 C  | (              | OOMMOO  | 00 | Υ   | 0  | 0   | HR    | 10  |         | M       |     |       |      |              |
| <del>-</del> | 110-120 | ms      | 10YR74 00 | 10YR68 | 3 00 C  | (              | OOMINOO | 00 | Y   | 0  | 0   | HR    | 30  |         | M       |     |       |      |              |
| 26           | 0-35    | ms 1    | 10YR31 32 |        |         |                |         |    |     | 0  | 0   | HR    | 4   |         |         |     |       |      |              |
| •            | 35–45   | С       | 25Y 72 71 |        |         |                | OOMNOO  |    |     | 0  | 0   | HR    | 2   |         | Ρ       |     |       |      |              |
| <b>n</b>     | 45-80   | lms     | 25Y 72 73 | 10YR58 | 3 56 M  | C              | OOMNOO  | 00 | Y   | 0  | 0   | HR    | 2   |         | М       |     |       |      | IMP FLINTS   |
| 27           | 0-35    | ms l    | 10YR32 00 |        |         |                |         |    |     | 0  | 0   |       | 0   |         |         |     |       |      |              |
| _            | 35–50   | scl     | 10YR52 00 | 75YR56 | 00 M    | C              | OOMNOO  | 00 | Y   | 0  | 0   | HR    | 2   |         | M       |     |       |      | IMP GRAVELLY |
| 28           | 0-35    | msl     | 10YR32 22 |        |         |                |         |    |     | 2  | 0 1 | HR    | 4   |         |         |     |       |      |              |
|              | 35-40   | msì     | 10YR42 00 | 10YR58 | 00 C    |                |         |    | Y   | 0  | 0 1 | HR    | 10  |         | M       |     |       |      | IMP GRAVELLY |
|              |         |         |           |        |         |                |         |    |     |    |     |       |     |         |         |     |       |      |              |

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| SAMPLE DEPTH TEXTURE OLIOUS OLI ABUN CONT COL GLEV >2 >6 LITH TOT CONSIST STR POR IMP SPL CALC  29 0-20 nazil 257 42 00 107958 00 C 279 62 00 79783 00 M 7Y 0 0 0 0 0 M P Y Y 0 0 0 0 0 M P Y Y 0 0 0 0 0 M P Y Y 0 0 0 0 0 M P Y Y 0 0 0 0 0 M P Y Y 0 0 0 0 0 M P Y Y 0 0 0 0 0 M P Y Y 0 0 0 0 0 M P Y Y 0 0 0 0 0 M P P Y 0 0 0 0 0 0 M P P Y 0 0 0 0 M P P P P Y 0 0 0 0 M P P P P P P P P P P P P P P P  |        |         |         |           |        | OTTLE: | S    | PED     |    |     |    | -ST | ONES |     | STRUCT/ | SUBS    |              |     |          |
|--|--------|---------|---------|-----------|--------|--------|------|---------|----|-----|----|-----|------|-----|---------|---------|--------------|-----|----------|
| 20-50   Rac1   25Y 62 00 10Y858 00 M   | SAMPLE | DEPTH   | TEXTURE | COLOUR    | COL    | ABUN   | CONT | COL     | GL | .EY | >2 | >6  | LITH | TOT | CONSIST | STR POR | IMP SPL CALC |     |          |
| 20-50   Nac1   257 62 00 10VR58 00 M   |        |         | _       | 051.10.00 | 10.050 |        |      |         |    | .,  | _  |     |      | •   |         |         |              |     |          |
| SO-120   hc1   257 62 00 757858 00 M   | 29     |         |         |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| 30 0-28 mzcl 25Y 42 00 10YR56 00 C   |        |         |         |           |        |        |      |         |    |     | _  |     |      |     |         |         | v            |     |          |
| 28-80 c 25Y 62 00 10YR58 00 M 00M000 00 Y 0 0 0 P Y 1MP FLINTS  31 0-30 mzc1 25Y 42 00 10YR58 00 F 55-90 Nc1 25Y 52 53 10YR68 00 C 55-90 Nc1 25Y 62 00 10YR58 00 M 00M00 00 Y 0 0 0 M 55-90 Nc1 25Y 62 00 10YR58 00 M 00M00 00 Y 0 0 0 P Y 1MP FLINTS  32 0-35 lms 10YR44 50 0 3 1 HR 10 M 1MP FLINTS  33 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  33 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  34 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  35 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  36 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  37 0-35 lms 10YR44 00 0 NR 5 M 10YR45 00 M 1MP FLINTS  38 0-35 lms 10YR44 00 NR 10 NR 5 M 10MP FLINTS  39 0-35 lms 10YR45 00 NR 10 NR 5 M 10MP FLINTS  30 0-35 lms 10YR45 00 NR 10 NR 5 M 10MP FLINTS  30 0-35 lms 10YR55 00 NR 10YR55 00 NR 10 NR 5 M 10MP FLINTS  30 0-35 lms 10YR55 00 NR 10YR55 00 NR 10 NR 5 M 10MP FLINTS  30 0-35 lms 10YR55 00 NR 10YR55 00 NR 10YR55 00 NR 10 | _      | 50-120  | hc1     | 25Y 62 00 | 75YR58 | 3 UU M |      |         |    | Y   | U  | U   |      | U   |         | Р       | Ψ            |     |          |
| 28-80 c 25Y 62 00 10YR58 00 M 00M000 00 Y 0 0 0 P Y 1MP FLINTS  31 0-30 mzc1 25Y 42 00 10YR58 00 F 55-90 Nc1 25Y 52 53 10YR68 00 C 55-90 Nc1 25Y 62 00 10YR58 00 M 00M00 00 Y 0 0 0 M 55-90 Nc1 25Y 62 00 10YR58 00 M 00M00 00 Y 0 0 0 P Y 1MP FLINTS  32 0-35 lms 10YR44 50 0 3 1 HR 10 M 1MP FLINTS  33 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  33 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  34 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  35 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  36 0-35 lms 10YR44 54 0 0 NR 5 M 10YR45 00 M 1MP FLINTS  37 0-35 lms 10YR44 00 0 NR 5 M 10YR45 00 M 1MP FLINTS  38 0-35 lms 10YR44 00 NR 10 NR 5 M 10MP FLINTS  39 0-35 lms 10YR45 00 NR 10 NR 5 M 10MP FLINTS  30 0-35 lms 10YR45 00 NR 10 NR 5 M 10MP FLINTS  30 0-35 lms 10YR55 00 NR 10YR55 00 NR 10 NR 5 M 10MP FLINTS  30 0-35 lms 10YR55 00 NR 10YR55 00 NR 10 NR 5 M 10MP FLINTS  30 0-35 lms 10YR55 00 NR 10YR55 00 NR 10YR55 00 NR 10 | 30     | 0-28    | mzej    | 25Y 42 00 | 10YR56 | 00 C   |      |         |    | Υ   | 0  | 0   |      | 0   |         |         |              |     |          |
| 31 0-30 mzcl 25Y 42 00 10YR58 00 F 0 0 0 0 0 M P 1 1MP FLINTS  30-55 mcl 25Y 52 53 10YR68 00 C 00MN00 00 Y 0 0 0 0 M P Y 1MP FLINTS  32 0-35 lms 10YR43 00 3 1 HR 10 M 1MP FLINTS  33 0-35 lms 10YR44 54 0 0 0 HR 5 M 1MP FLINTS  33 0-35 lms 10YR44 54 0 0 0 HR 5 M 1MP FLINTS  34 0-35 lms 10YR44 54 0 0 0 HR 5 M 1MP FLINTS  35-50 lms 10YR44 54 0 0 0 HR 5 M 1MP FLINTS  36 0-35 lms 10YR44 54 0 0 0 HR 5 M 1MP FLINTS  36 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  37 0-90 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  38 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  39 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  30 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  30 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  31 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  32 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  35 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  36 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  37 0-90 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  38 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  39 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  30 0-35 lms 10YR44 00 0 0 0 HR 5 M 1MP FLINTS  30 0-35 lms 10YR45 00 0 0 0 HR 5 M 1MP FLINTS  30 0-35 lms 10YR45 00 0 0 0 HR 5 M 1MP FLINTS  31 0-35 lms 10YR45 00 0 0 0 HR 5 M 1MP FLINTS  32 0-35 lms 10YR45 00 0 0 0 HR 10 M 1 M 1MP FLINTS  |        |         |         |           |        |        | 1    | 00MN00  | 00 |     | 0  | 0   |      | 0   |         | P       | Y            | IMP | FLINTS   |
| 30-55 mc1 25Y 52 53 10YR68 00 C 004W00 00 Y 0 0 0 0 P Y 1MP FLINTS  32 0-35 1ms 10YR43 00 3 1 HR 10  | _      |         |         |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| SS-90   Nc    25Y 62 00 10YR58 00 M   COMMOD 00 Y   0   0   0   0   P   Y   IMP FLINTS   | 31     | 0-30    | mzcl    | 25Y 42 00 | 10YR58 | 00 F   |      |         |    |     | 0  | 0   |      | 0   |         |         |              |     |          |
| 32   |        | 30-55   | wc J    | 25Y 52 53 | 10YR68 | 00 C   | 1    | 00MN00  | 00 | Y   | 0  | 0   |      | 0   |         | М       |              |     |          |
| 35-50 lms 10YR44 54 00 0 0 HR 10 M IMP FLINTS  33 0-35 lms 10YR44 54 00 0 0 HR 15 M S5-90 lms 10YR44 54 00 0 0 HR 15 M S5-90 lms 10YR44 54 00 0 HR 15 M IMP FLINTS  34 0-35 lms 10YR44 54 00 0 HR 5 M IMP FLINTS  34 0-35 lms 10YR44 00 0 0 HR 5 M IMP FLINTS  35-55 lms 10YR44 00 0 0 HR 5 M IMP FLINTS  34 0-35 lms 10YR44 00 0 0 HR 5 M IMP FLINTS  35 0-35 lms 10YR46 00 0 0 HR 5 M IMP FLINTS  35 0-35 ms 1 10YR56 00 0 0 HR 5 M IMP FLINTS  35 0-35 ms 1 10YR56 58 M V 0 0 HR 5 M IMP FLINTS  36 0-35 ms 1 10YR31 32 0 0 HR 5 M IMP FLINTS  37 0-35 ms 1 10YR32 31 10YR36 58 M 00MN00 00 Y 0 0 HR 5 M IMP FLINTS  38 0-35 ms 1 10YR31 32 0 0 HR 5 M IMP FLINTS  39 0-35 ms 1 10YR32 00 10YR36 00 C Y 4 0 HR 10 M IMP FLINTS  39 0-35 ms 1 10YR32 00 1 HR 10 M IMP FLINTS  39 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  39 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  39 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR34 00 0 0 HR 20 M IMP FLINTS  40 0-35 lms 10YR34 00 0 0 0 HR 20 M IMP FLINTS   | _      | 55-90   | hc1     | 25Y 62 00 | 10YR58 | 00 M   | (    | OOMNOO  | 00 | Y   | 0  | 0   |      | 0   |         | P       | Y            | IMP | FLINTS   |
| 35-50 lms 10YR44 54 00 0 0 HR 10 M IMP FLINTS  33 0-35 lms 10YR44 54 00 0 0 HR 15 M S5-90 lms 10YR44 54 00 0 0 HR 15 M S5-90 lms 10YR44 54 00 0 HR 15 M IMP FLINTS  34 0-35 lms 10YR44 54 00 0 HR 5 M IMP FLINTS  34 0-35 lms 10YR44 00 0 0 HR 5 M IMP FLINTS  35-55 lms 10YR44 00 0 0 HR 5 M IMP FLINTS  34 0-35 lms 10YR44 00 0 0 HR 5 M IMP FLINTS  35 0-35 lms 10YR46 00 0 0 HR 5 M IMP FLINTS  35 0-35 ms 1 10YR56 00 0 0 HR 5 M IMP FLINTS  35 0-35 ms 1 10YR56 58 M V 0 0 HR 5 M IMP FLINTS  36 0-35 ms 1 10YR31 32 0 0 HR 5 M IMP FLINTS  37 0-35 ms 1 10YR32 31 10YR36 58 M 00MN00 00 Y 0 0 HR 5 M IMP FLINTS  38 0-35 ms 1 10YR31 32 0 0 HR 5 M IMP FLINTS  39 0-35 ms 1 10YR32 00 10YR36 00 C Y 4 0 HR 10 M IMP FLINTS  39 0-35 ms 1 10YR32 00 1 HR 10 M IMP FLINTS  39 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  39 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  39 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 1 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 10 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR32 00 1 HR 15 M IMP FLINTS  30 0-35 lms 10YR34 00 0 0 HR 20 M IMP FLINTS  40 0-35 lms 10YR34 00 0 0 0 HR 20 M IMP FLINTS   | •      |         | _       | 10/042 00 |        |        |      |         |    |     | ,  | •   | uo.  | 10  |         |         |              |     |          |
| SO-60   lms   10YR44 54   0   0   0   HR   40   M   IMP FLINTS   | 32     |         | _       |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| 33   |        |         |         |           |        |        |      |         |    |     | _  |     |      |     |         |         |              | TMD | CL TAITS |
| 35-55 lms 10YR44 00 0 0 HR 15 M 10FR44 54 00 0 HR 15 M 10FR44 54 0 0 HR 45 M 10FFLINTS  34 0-35 lms 10YR42 43 1 0 HR 40 M IMP FLINTS  34 0-35 lms 10YR44 00 0 0 0 HR 5 M 10FFLINTS  35-70 lms 10YR44 00 0 0 0 HR 10 M 1MP FLINTS  35 0-35 ms 1 10YR32 31 10YR46 00 C Y 2 0 HR 4 10 M 1MP FLINTS  35 0-35 ms 1 10YR32 31 10YR56 58 M Y 0 0 HR 5 M 1MP FLINTS  36 0-35 ms 1 10YR31 32 2 0 HR 5 M 1MP FLINTS  36 0-35 ms 1 10YR31 32 2 0 HR 5 M 1MP FLINTS  37 0-35 ms 1 10YR30 00 M Y 0 0 HR 3 M 1MP FLINTS  38 0-35 ms 1 10YR30 00 M Y 0 0 HR 5 M 1MP FLINTS  38 0-35 ms 1 10YR30 00 M Y 0 0 HR 3 M 1 M 1MP FLINTS  39 0-35 ms 1 10YR30 00 M Y 0 0 HR 10 M 1 M 1MP FLINTS  39 0-35 ms 1 10YR30 00 M Y 0 0 HR 10 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1   | _      | 50-60   | lms     | 1UYK44 54 |        |        |      |         |    |     | U  | U   | пк   | 40  |         | M       |              | IMP | LLTIN12  |
| 35-55 lms 10YR44 00 0 0 HR 15 M 10FR44 54 00 0 HR 15 M 10FR44 54 0 0 HR 45 M 10FFLINTS  34 0-35 lms 10YR42 43 1 0 HR 40 M IMP FLINTS  34 0-35 lms 10YR44 00 0 0 0 HR 5 M 10FFLINTS  35-70 lms 10YR44 00 0 0 0 HR 10 M 1MP FLINTS  35 0-35 ms 1 10YR32 31 10YR46 00 C Y 2 0 HR 4 10 M 1MP FLINTS  35 0-35 ms 1 10YR32 31 10YR56 58 M Y 0 0 HR 5 M 1MP FLINTS  36 0-35 ms 1 10YR31 32 2 0 HR 5 M 1MP FLINTS  36 0-35 ms 1 10YR31 32 2 0 HR 5 M 1MP FLINTS  37 0-35 ms 1 10YR30 00 M Y 0 0 HR 3 M 1MP FLINTS  38 0-35 ms 1 10YR30 00 M Y 0 0 HR 5 M 1MP FLINTS  38 0-35 ms 1 10YR30 00 M Y 0 0 HR 3 M 1 M 1MP FLINTS  39 0-35 ms 1 10YR30 00 M Y 0 0 HR 10 M 1 M 1MP FLINTS  39 0-35 ms 1 10YR30 00 M Y 0 0 HR 10 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1   | 33     | 0-35    | lms     | 10YR42 43 |        |        |      |         |    |     | 1  | 0   | HR   | 5   |         |         |              |     |          |
| 55-90   lms  |        |         |         |           |        |        |      |         |    |     |    |     |      |     |         | М       |              |     |          |
| 90-95 lms 10YR64 00 0 0 HR 40 M IMP FLINTS  34 0-35 lms 10YR42 43 1 0 0 0 HR 5 M 55-70 lms 10YR44 00 0 0 HR 5 M 55-70 lms 10YR64 00 0 0 HR 5 M IMP FLINTS  35-570 lms 10YR64 00 0 0 HR 10 M IMP FLINTS  35 0-35 ms1 10YR32 31 10YR46 00 C Y 2 0 HR 4 IMP FLINTS  35 0-35 ms1 25Y 72 73 10YR56 58 M Y 0 0 HR 5 M IMP FLINTS  36 0-35 ms1 10YR31 32 2 0 HR 5 IMP FLINTS  36 0-35 ms1 10YR31 32 2 0 HR 5 IMP FLINTS  37 0-35 ms1 10YR32 00 10YR56 00 C Y 6 0 HR 10 IMP FLINTS  38 0-35 ms1 10YR31 00 75YR46 00 C Y 6 0 HR 10 IMP FLINTS  39 0-35 ms1 10YR31 00 75YR36 00 M OMNOO 00 Y 0 0 HR 15 M IMP FLINTS  39 0-35 ms1 10YR31 00 75YR36 00 M OMNOO 00 Y 0 0 HR 10 M IMP FLINTS  39 0-35 lms 10YR31 00 75YR36 00 M OMNOO 00 Y 0 0 HR 10 M IMP FLINTS  39 0-35 lms 10YR32 00 INFR 20 M Y 0 0 MR 20 M IMP GRAVELLY  40 0-35 lms 10YR42 00 10YR58 00 M Y 0 0 HR 5 M IMP GRAVELLY  40 0-35 lms 10YR42 00 10YR54 00 0 0 0 HR 5 M IMP GRAVELLY  | _      |         | _       | 10YR44 54 |        |        |      |         |    |     | _  |     |      | 5   |         |         |              |     |          |
| 35-55 1ms 107R44 00 0 0 HR 5 M IMP FLINTS  35-70 1ms 107R54 00 0 0 HR 10 M IMP FLINTS  35-70 1ms 107R54 00 0 0 HR 25 M IMP FLINTS  35 0-35 ms1 107R32 31 107R46 00 C Y 2 0 HR 4 IMP FLINTS  35 0-35 ms1 107R32 31 107R56 58 M Y 0 0 HR 5 M IMP FLINTS  36 0-35 ms1 107R31 32 2 0 HR 5 IMP FLINTS  36 0-35 ms1 107R31 32 2 0 HR 5 IMP FLINTS  37 0-35 ms1 107R31 32 2 0 HR 5 IMP FLINTS  38 0-35 ms1 107R32 00 107R56 00 C Y 6 0 HR 10 IMP FLINTS  38 0-35 ms1 107R31 00 757R56 00 M 00MN00 00 Y 0 0 HR 15 IMP FLINTS  38 0-35 ms1 107R31 00 757R56 00 M 00MN00 00 Y 0 0 HR 10 IMP IMP FLINTS  38 0-35 ms1 107R31 00 757R56 00 M 00MN00 00 Y 0 0 HR 10 IMP IMP FLINTS  39 0-35 1ms 107R32 00 107R58 00 C Y 4 0 HR 8 IMP   |        |         | _       | 10YR64 00 |        |        |      |         |    |     | 0  | 0   | HR   | 40  |         | М       |              | IMP | FLINTS   |
| 35-55 1ms 107R44 00 0 0 HR 5 M IMP FLINTS  35-70 1ms 107R54 00 0 0 HR 10 M IMP FLINTS  35-70 1ms 107R54 00 0 0 HR 25 M IMP FLINTS  35 0-35 ms1 107R32 31 107R46 00 C Y 2 0 HR 4 IMP FLINTS  35 0-35 ms1 107R32 31 107R56 58 M Y 0 0 HR 5 M IMP FLINTS  36 0-35 ms1 107R31 32 2 0 HR 5 IMP FLINTS  36 0-35 ms1 107R31 32 2 0 HR 5 IMP FLINTS  37 0-35 ms1 107R31 32 2 0 HR 5 IMP FLINTS  38 0-35 ms1 107R32 00 107R56 00 C Y 6 0 HR 10 IMP FLINTS  38 0-35 ms1 107R31 00 757R56 00 M 00MN00 00 Y 0 0 HR 15 IMP FLINTS  38 0-35 ms1 107R31 00 757R56 00 M 00MN00 00 Y 0 0 HR 10 IMP IMP FLINTS  38 0-35 ms1 107R31 00 757R56 00 M 00MN00 00 Y 0 0 HR 10 IMP IMP FLINTS  39 0-35 1ms 107R32 00 107R58 00 C Y 4 0 HR 8 IMP   |        |         |         |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| 55-70 lms 10YR54 00  | 34     | 0-35    | lms     | 10YR42 43 |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| 70-90 lms 10YR64 00 0 0 HR 25 M IMP FLINTS  35 0-35 ms1 10YR32 31 10YR46 00 C Y 2 0 HR 4 IMP FLINTS  36 0-35 ms1 25Y 72 73 10YR56 58 M Y 0 0 HR 5 M IMP FLINTS  36 0-35 ms1 10YR31 32 2 0 HR 5 IMP FLINTS  36 0-35 ms1 10YR31 32 2 0 HR 5 IMP FLINTS  37 0 35 ms1 10YR42 00 10YR56 00 C Y 6 0 HR 3 P Y 9 P P Y 9 P P Y 9 P P Y 9 P P Y 9 P P Y 9 P P Y 9 P P Y 9 P P P P   |        |         | lms     |           |        |        |      |         |    |     | _  |     |      |     |         |         |              |     |          |
| 35   |        |         | lms     |           |        |        |      |         |    |     | -  |     |      |     |         |         |              |     |          |
| 35-58 ms1 25Y 72 73 10YR56 58 M Y 0 0 HR 5 M IMP FLINTS  36 0-35 ms1 10YR31 32 2 0 HR 5 3 P Y 85-120 sc1 05Y 71 72 10YR56 58 M 00MN00 00 Y 0 0 HR 3 P Y 0 0 P Y 1 72 10YR56 58 M 00MN00 00 Y 0 0 HR 3 P Y 0 0 P Y 1 72 10YR56 58 M 00MN00 00 Y 0 0 HR 10 10 100-120 sc1 10YR62 00 75YR56 00 C 00MN00 00 Y 0 0 HR 15 M 100-120 sc1 25Y 61 00 75YR56 00 M 00MN00 00 Y 0 0 HR 10 M 100-120 sc1 25Y 61 00 75YR56 00 C 00MN00 00 Y 0 0 HR 10 M 100-120 sc1 25Y 81 00 10YR58 00 C Y 4 0 HR 8 35-68 ms 25Y 81 00 10YR58 00 C Y 0 0 HR 2 M 100-120 sc1 25Y 72 00 10YR58 00 M Y 0 0 HR 2 M 100-120 sc1 25Y 72 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 25Y 72 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 25Y 72 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR32 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR32 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR32 00 10YR38 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR32 00 10YR38 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR34 44 1 0 0 0 HR 40 M 1 MP GRAVELLY   | _      | 70-90   | lms     | 10YR64 00 |        |        |      |         |    |     | 0  | 0   | HR   | 25  |         | М       |              | 1Mb | FLINIS   |
| 35-58 ms1 25Y 72 73 10YR56 58 M Y 0 0 HR 5 M IMP FLINTS  36 0-35 ms1 10YR31 32 2 0 HR 5 3 P Y 85-120 sc1 05Y 71 72 10YR56 58 M 00MN00 00 Y 0 0 HR 3 P Y 0 0 P Y 1 72 10YR56 58 M 00MN00 00 Y 0 0 HR 3 P Y 0 0 P Y 1 72 10YR56 58 M 00MN00 00 Y 0 0 HR 10 10 100-120 sc1 10YR62 00 75YR56 00 C 00MN00 00 Y 0 0 HR 15 M 100-120 sc1 25Y 61 00 75YR56 00 M 00MN00 00 Y 0 0 HR 10 M 100-120 sc1 25Y 61 00 75YR56 00 C 00MN00 00 Y 0 0 HR 10 M 100-120 sc1 25Y 81 00 10YR58 00 C Y 4 0 HR 8 35-68 ms 25Y 81 00 10YR58 00 C Y 0 0 HR 2 M 100-120 sc1 25Y 72 00 10YR58 00 M Y 0 0 HR 2 M 100-120 sc1 25Y 72 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 25Y 72 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 25Y 72 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR32 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR32 00 10YR58 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR32 00 10YR38 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR32 00 10YR38 00 M 1 Y 0 0 HR 2 M 100-120 sc1 10YR34 44 1 0 0 0 HR 40 M 1 MP GRAVELLY   | 35     | n_35    | രഭി     | 10YR32 31 | 10YR46 | 00 C   |      |         |    | Υ   | 2  | 0 : | HR   | 4   |         |         |              |     |          |
| 36  0-35  ms1  10YR31 32   | 33     |         |         |           |        |        |      |         |    |     |    |     |      |     |         | м       |              | IMP | FLINTS   |
| 35-85 c 05Y 71 72 10YR56 58 M 00MN00 00 Y 0 0 HR 3 P Y 85-120 sc1 05Y 71 72 10YR58 00 M Y 0 0 0 P Y 0 0 P Y 0 0 P Y 0 0 P Y 0 0 P Y 0 0 P Y 0 0 P Y 0 0 P P Y 0 0 0 P P Y 0 0 P P Y 0 0 P P P Y 0 0 P P P P  |        | 33 30   |         |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| 85-120 sc1 05Y 71 72 10YR58 00 M Y 0 0 0 P Y  37 0 35 ms1 10YR42 00 10YR56 00 C Y 6 0 HR 10 35-100 sc1 10YR62 00 75YR56 00 C 00MN00 00 Y 0 0 HR 15 M 100-120 sc1 25Y 61 00 75YR56 00 M 00MN00 00 Y 0 0 HR 10 M  38 0-35 ms1 10YR31 00 75YR46 00 C Y 4 0 HR 8 35-68 ms 25Y 81 00 10YR58 00 C Y 0 0 HR 2 M  39 0-35 lms 10YR32 00 Y 0 0 HR 2 M  39 0-35 lms 10YR32 00 133 5 HR 20 35-40 ms1 10YR33 44 0 0 0 HR 40 M IMP GRAVELLY  40 0-35 lms 10YR42 00 2 1 HR 5 35-60 lms 10YR44 00 0 0 HR 20 M 60-100 lms 10YR54 00 0 0 HR 5 M   | 36     | 0-35    | ms1     | 10YR31 32 |        |        |      |         |    |     | 2  | 0   | HR   | 5   |         |         |              |     |          |
| 37  0  35  ms 1  10YR42 00 10YR56 00  C  |        | 35-85   | С       | 05Y 71 72 | 10YR56 | 58 M   | (    | DOMNOO  | 00 | Υ   | 0  | 0   | HR   | 3   |         | Ρ       | Y            |     |          |
| 35-100 sc1 10YR62 00 75YR56 00 C 00MN00 00 Y 0 0 HR 15 M 100-120 sc1 25Y 61 00 75YR56 00 M 00MN00 00 Y 0 0 HR 10 M  38 0-35 ms1 10YR31 00 75YR46 00 C Y 4 0 HR 8 35-68 ms 25Y 81 00 10YR58 00 C Y 0 0 HR 2 M  39 0-35 lms 10YR32 00 13 5 HR 20 35-40 ms1 10YR43 44 00 HR 40 M IMP GRAVELLY  40 0-35 lms 10YR42 00 2 1 HR 5 35-60 lms 10YR44 00 0 0 HR 20 M 60-100 lms 10YR54 00 0 0 HR 5 M   | _      | 85-120  | scl     | 05Y 71 72 | 10YR58 | 00 M   |      |         |    | Υ   | 0  | 0   |      | 0   |         | Р       | Y            |     |          |
| 35-100 sc1 10YR62 00 75YR56 00 C 00MN00 00 Y 0 0 HR 15 M 100-120 sc1 25Y 61 00 75YR56 00 M 00MN00 00 Y 0 0 HR 10 M  38 0-35 ms1 10YR31 00 75YR46 00 C Y 4 0 HR 8 35-68 ms 25Y 81 00 10YR58 00 C Y 0 0 HR 2 M  39 0-35 lms 10YR32 00 13 5 HR 20 35-40 ms1 10YR43 44 00 HR 40 M IMP GRAVELLY  40 0-35 lms 10YR42 00 2 1 HR 5 35-60 lms 10YR44 00 0 0 HR 20 M 60-100 lms 10YR54 00 0 0 HR 5 M   |        |         |         |           |        |        |      |         |    | .,  | _  |     |      |     |         |         |              |     |          |
| 100-120 sc1  | 37     |         |         |           |        |        |      | 0044100 |    |     |    |     |      |     |         |         |              |     |          |
| 38   |        |         |         |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| 35-68 ms 25Y 81 00 10YR58 00 C Y 0 0 0 G 68-120 sc1 25Y 72 00 10YR58 00 M Y 0 0 HR 2 M  39 0-35 lms 10YR32 00 13 5 HR 20 35-40 ms1 10YR43 44 00 M IMP GRAVELLY  40 0-35 lms 10YR42 00 2 1 HR 5 35-60 lms 10YR44 00 0 0 HR 20 M 60-100 lms 10YR54 00 0 0 HR 5 M   |        | 100-120 | scl     | 25Y 61 UU | /51856 | 00 M   | '    | UUMNUU  | UU | Ť   | U  | U   | нк   | 10  |         | M       |              |     |          |
| 35-68 ms 25Y 81 00 10YR58 00 C Y 0 0 0 G 68-120 sc1 25Y 72 00 10YR58 00 M Y 0 0 HR 2 M  39 0-35 lms 10YR32 00 13 5 HR 20 35-40 ms1 10YR43 44 00 M IMP GRAVELLY  40 0-35 lms 10YR42 00 2 1 HR 5 35-60 lms 10YR44 00 0 0 HR 20 M 60-100 lms 10YR54 00 0 0 HR 5 M   | 38     | 0-35    | ms l    | 10YR31 00 | 75YR46 | 00 C   |      |         |    | Υ   | 4  | 0   | HR   | 8   |         |         |              |     |          |
| 68-120 sc1 25Y 72 00 10YR58 00 M Y 0 0 HR 2 M  39 0-35 lms 10YR32 00 13 5 HR 20 35-40 ms1 10YR43 44 00 M IMP GRAVELLY  40 0-35 lms 10YR42 00 2 1 HR 5 35-60 lms 10YR44 00 0 0 HR 20 M 60-100 lms 10YR54 00 0 0 HR 5 M  |        |         |         | 25Y 81 00 | 10YR58 | 00 C   |      |         |    | γ   | 0  | 0   |      | 0   |         | G       |              |     |          |
| 35-40 ms1 10YR43 44 0 0 0 HR 40 M IMP GRAVELLY  40 0-35 lms 10YR42 00 2 1 HR 5 35-60 lms 10YR44 00 0 0 HR 20 M 60-100 lms 10YR54 00 0 0 HR 5 M   |        |         | scl     | 25Y 72 00 | 10YR58 | 00 M   |      |         |    | Y   | 0  | 0   | HR   | 2   |         | М       |              |     |          |
| 35-40 ms1 10YR43 44 0 0 0 HR 40 M IMP GRAVELLY  40 0-35 lms 10YR42 00 2 1 HR 5 35-60 lms 10YR44 00 0 0 HR 20 M 60-100 lms 10YR54 00 0 0 HR 5 M   |        |         |         |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| 40 0-35 3ms 10YR42 00 2 1 HR 5 35-60 1ms 10YR44 00 0 0 HR 20 M 60-100 1ms 10YR54 00 0 0 HR 5 M   | 39     | 0-35    | lms     |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
| 35-60 1ms 10YR44 00 0 0 HR 20 M<br>60-100 1ms 10YR54 00 0 0 HR 5 M   |        | 35-40   | msl     | 10YR43 44 |        |        |      |         |    |     | 0  | 0 1 | HR   | 40  |         | М       |              | IMP | GRAVELLY |
| 35-60 1ms 10YR44 00 0 0 HR 20 M<br>60-100 1ms 10YR54 00 0 0 HR 5 M   | 40     | 0.25    | lme     | 100042 00 |        |        |      |         |    |     | 2  | 1   | HR   | 5   |         |         |              |     |          |
| 60-100 1ms 10YR54 00 0 0 HR 5 M  | 40     |         |         |           |        |        |      |         |    |     |    |     |      |     |         | м       |              |     |          |
|  |        |         |         |           |        |        |      |         |    |     | _  |     |      |     |         |         |              |     |          |
| 100 120 1100 101101 01   |        |         |         |           |        |        |      |         |    |     |    |     |      |     |         |         |              |     |          |
|  |        | 100 120 | 11113   |           |        |        |      |         |    |     | •  | - ' |      |     |         | • •     |              |     |          |

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|            |                 |             |                        |        | MOTTLES       |      | PED    |    |   |    | -S1 | TONES    |          | STRUCT/ | SUBS   |              |          |         |
|------------|-----------------|-------------|------------------------|--------|---------------|------|--------|----|---|----|-----|----------|----------|---------|--------|--------------|----------|---------|
| SAMPLE     | DEPTH           | TEXTURE     | COLOUR                 |        | ABUN          | CONT |        | GL |   |    |     |          |          | •       |        | IMP SPL CALC |          |         |
|            |                 | •           | *************          |        |               |      |        |    |   |    |     | L/O      | _        |         |        |              |          |         |
| 41         | 0-33            | lms         | 10YR43 00              | 10005  | n 00 E        |      |        |    |   |    |     | HR       | 5        |         |        |              |          |         |
|            | 33-65           | lms         | 10YR44 54<br>10YR54 64 | lutka  | 5 <b>00</b> F |      |        |    |   |    |     | HR<br>HR | 5<br>5   |         | M      |              |          |         |
|            | 65-95<br>95-110 | lms<br>les  | 10YR54 64<br>10YR64 00 |        |               |      |        |    |   |    |     | HR       | 20       |         | M<br>M |              | TMD E    | LINTS   |
|            | 95-110          | lms         | 101104 00              |        |               |      |        |    |   | Ü  | Ů   | TIK      | 20       |         | rı     |              | TI-II- I | CINIO   |
| 42         | 0-30            | lms         | 10YR43 44              |        |               |      |        |    |   | 2  | 0   | HR       | 5        |         |        |              |          |         |
| _          | 30-60           | lms         | 10YR44 46              |        |               |      |        |    |   | 0  | 0   | HR       | 5        |         | М      |              |          |         |
|            | 60-80           | lms         | 10YR64 74              |        |               |      |        |    |   | 0  | 0   | HR       | 30       |         | М      |              | IMP F    | LINTS   |
| 43         | 0-30            | msl         | 10YR42 00              |        |               |      |        |    |   | 0  | 0   | HR       | 5        |         |        |              |          |         |
|            | 30 55           | Fam         | 25Y 72 73              | 10YR4  | 58 C          | 1    | 00/100 | 00 | Υ | 0  | 0   | HR       | 2        |         | М      |              |          |         |
|            | 55-70           | lms         | 25Y 72 00              | 10YR4  | 5 56 M        |      |        |    | Y | 0  | 0   | HR       | 2        |         | М      |              | IMP F    | LINTS   |
| 44         | 0-30            | msl         | 10YR41 00              | 75Y846 | 5 00 C        |      |        |    | Y | 6  | 0   | HR       | 10       |         |        |              |          |         |
|            | 30-45           | scl         | 25Y 71 00              |        |               |      |        |    | Υ | _  |     | HR       | 5        |         | М      |              |          |         |
|            | 45-68           | scl         | 05Y 71 00              |        |               |      |        |    | Υ |    |     | HR       | 2        |         | M      |              |          |         |
|            | 68 75           | msl         | 05Y 62 72              |        |               |      |        |    | Y |    |     | HR       | 40       |         | M      |              | IMP G    | RAVELLY |
| 45         | 0-38            | msl         | 10YR41 00              | 75VD/I | 5 00 C        |      |        |    | Y | 1  | n   | HR       | 8        |         |        |              |          |         |
| 43         | 38-52           | ms1         | 25Y 71 00              |        |               |      | OOMNOO |    |   |    |     | HR       | 40       |         | м      |              |          |         |
|            | 52-62           | scl         | 05Y 72 81              |        |               |      | OOMNOO |    |   |    |     | HR       | 25       |         | M      |              |          |         |
|            | 62-80           | ms1         | 05Y 72 81              |        |               |      | 00MN00 |    |   |    |     | HR       | 25       |         | M      |              | IMP F    | LINTS   |
|            |                 | _           |                        |        |               |      |        |    |   | •• | _   |          | 22       |         |        |              |          |         |
| 46         | 0-30            | lms         | 10YR32 00              |        |               |      |        |    |   | 12 |     |          | 20       |         |        |              |          |         |
|            | 30-70           | lms         | 10YR43 44              |        |               |      |        |    |   | 0  |     | HR       | 15<br>10 |         | M      |              | TMD C    | RAVELLY |
| -          | 70-90           | ms          | 10YR54 00              |        |               |      |        |    |   | U  | Ü   | rik      | 10       |         | М      |              | THE C    | RAVELLT |
| <b>4</b> 7 | 0 30            | lms         | 10YR32 00              |        |               |      |        |    |   | 4  | 2   | HR       | 8        |         |        |              |          |         |
|            | 30-50           | lms         | 10YR43 44              |        |               |      |        |    |   | 0  | 0   | HR       | 15       |         | м      |              |          |         |
|            | 50-60           | lms         | 10YR54 00              |        |               |      |        |    |   | 0  | 0   | HR       | 30       |         | М      |              | IMP G    | RAVELLY |
| 48         | 0-30            | msl         | 10YR42 41              |        |               |      |        |    |   | 0  | 0   | HR       | 4        |         |        |              |          |         |
|            | 30 45           | lms         | 10YR44 00              |        |               |      |        |    |   | 0  | 0   | HR       | 10       |         | М      |              | IMP G    | RAVELLY |
| <b>4</b> 9 | 0-30            | msl         | 10YR43 00              |        |               |      |        |    |   | 1  | n   | HR       | 5        |         |        |              |          |         |
| 49         | 30-65           | msl         | 10YR44 54              | 10VR58 | 3 NO F        | 1    | DOMNOO | 00 |   | •  |     | HR       | 5        |         | м      |              |          |         |
|            | 65-70           | lms         | 10YR44 54              |        |               |      | DOMNOO |    |   |    |     | HR       | 40       |         | M      |              | IMP F    | LINTS   |
| <b>*</b>   | 0.00            | 3           | 10,4033, 00            |        |               |      |        |    |   |    | ^   | LID.     | 10       |         |        |              |          |         |
| 50         | 0-32            | ms l<br>lms | 10YR32 00<br>25Y 63 62 | 10VD44 | 5 EO M        |      | 00MN00 | nn | v | 0  |     | HR       | 10<br>15 |         | М      |              | TMD C    | RAVELLY |
|            | 32 55           | ints.       | 251 05 02              | 101840 | 3 36 Fi       | •    | 001100 | UU | • | v  | Ü   | DK       | 13       |         | П      |              | In G     | RAVELE! |
| 51         | 0-30            | msl         | 10YR31 32              |        | _             |      |        |    |   | 3  |     |          | 5        |         |        |              |          |         |
|            | 30-57           | lms         | 25Y 62 63              | 10YR46 | 5 56 C        |      |        |    | Y | 0  | 0   | HR       | 15       |         | М      |              | IMP G    | RAVELLY |
| 52         | 0-35            | msl         | 10YR42 00              |        |               |      |        |    |   | 2  | 0   | HR       | 5        |         |        |              |          |         |
|            | 35-55           | lms         | 25Y 62 63              | 10YR46 | 5 56 M        |      |        |    | Υ | 0  | 0   | HR       | 15       |         | М      |              |          |         |
| →          | 55-72           | ms          | 25Y 72 73              | 10YR46 | 58 M          |      |        |    | Υ | 0  | 0   | HR       | 20       |         | M      |              | IMP G    | RAVELLY |
| _          |                 |             |                        |        |               |      |        |    |   |    |     |          |          |         |        |              |          |         |

|        |        |         |           |        | 10TTLES | <u></u> | PED    |      |    | \$1 | CONES | <b>`</b> | STRUCT/ | SUBS    |              |         |        |
|--------|--------|---------|-----------|--------|---------|---------|--------|------|----|-----|-------|----------|---------|---------|--------------|---------|--------|
| SAMPLE | DEPTH  | TEXTURE | COLOUR    | COL    | ABUN    | CONT    | COL    | GLEY | >2 | >6  | LITH  | I TOT    | CONSIST | STR POR | IMP SPL CALC |         |        |
| 53     | 0-35   | msl     | 10YR31 00 | 75YR46 | 00 F    |         |        |      | 6  | 0   | HR    | 10       |         |         |              |         |        |
|        | 35-50  | lms     | 25Y 71 72 | 75YR46 | 00 M    |         |        | Υ    | 0  | 0   | HR    | 10       |         | M       |              |         |        |
| _      | 50-60  | lms     | 25Y 71 00 | 75YR46 | 00 M    |         |        | Y    | 0  | 0   | HR    | 40       |         | M       |              | IMP GR  | AVELLY |
| 54     | 0-28   | mzcl    | 10YR43 00 |        |         |         |        |      | 0  | Q   |       | 0        |         |         |              |         |        |
| -      | 28-50  | mzcl    | 10YR44 54 |        |         |         |        |      | 0  | 0   |       | 0        |         | М       |              |         |        |
| _      | 50-75  | mcl     | 10YR53 00 |        |         |         |        | Υ    | 0  | 0   |       | 0        |         | М       |              |         |        |
|        | 75-120 | С       | 25Y 62 00 | 10YR56 | 5 00 M  | 0       | OMINOO | 00 Y | 0  | 0   |       | 0        |         | Р       | Y            |         |        |
| 55     | 0-30   | lms     | 10YR32 00 |        |         |         |        |      |    | 0   |       | 4        |         |         |              |         |        |
|        | 30-64  | ms      | 10YR44 64 |        |         |         |        |      | 0  | 0   | HR    | 5        |         | М       |              | IMP GR  | AVELLY |
| 56     | 0 32   | lms     | 10YR32 00 |        |         |         |        |      |    | 0   |       | 3        |         |         |              |         |        |
|        | 32-70  | ms      | 10YR43 44 |        |         | 1       | 0YR73  | 00   |    | 0   |       | 2        |         | М       |              |         |        |
|        | 70 80  | lms     | 10YR54 44 |        |         |         |        |      | 0  | 0   | HR    | 20       |         | M       |              | IMP GR  | AVELLY |
| 57     | 0-35   | fs1     | 10YR42 00 |        |         |         |        |      | 0  | 0   | HR    | 2        |         |         |              |         |        |
| 1      | 35–55  | msl     | 10YR43 44 | 10YR46 | 00 F    |         |        |      | 0  | 0   | HR    | 2        |         | M       |              | IMP GR  | AVELLY |
| 58     | 0-32   | msl     | 10YR31 00 |        |         |         |        |      | 4  | 0   | HR    | 10       |         |         |              |         |        |
| 1      | 32-60  | lms     | 10YR54 44 |        |         | 2       | 5Y 64  | 00   | 0  | 0   | HR    | 10       |         | M       |              | IMP GR  | AVELLY |
| 59     | 0-35   | msl     | 10YR42 32 |        |         |         |        |      | 0  | 0   | HR    | 4        |         |         |              |         |        |
|        | 35-70  | lms     | 25Y 63 64 | 10YR46 | 58 M    | 0       | OMNOO  | 00 Y | 0  | 0   | HR    | 5        |         | М       |              | IMP GR  | AVELLY |
| 60     | 0-28   | msl     | 10YR32 00 |        |         |         |        |      | 0  | 0   | HR    | 2        |         |         |              |         |        |
|        | 28-60  | msl     | 10YR52 71 | 10YR56 | 58 M    |         |        | Υ    | 0  | 0   | HR    | 5        |         | М       |              |         |        |
| 1      | 60-65  | lms     | 10YR52 00 | 10YR46 | 00 C    |         |        | Y    | 0  | 0   | HR    | 2        |         | M       |              | IMP GR  | AVELLY |
| 61     | 0-30   | msl     | 10YR42 32 |        |         |         |        |      | 0  | 0   | HR    | 2        |         |         |              |         |        |
| ==     | 30-45  | ms1     | 25Y 72 53 | 10YR46 | 56 C    |         |        | Υ    | 0  | 0   | HR    | 2        |         | M       |              |         |        |
|        | 45–60  | lms     | 25Y 71 73 | 10YR56 | 58 C    |         |        | Y    | 0  | 0   | HR    | 2        |         | M       |              | IMP GRA | AVELLY |
| 62     | 0-25   | mzcl    | 10YR42 00 |        |         |         |        |      | 0  | 0   |       | 0        |         |         |              |         |        |
|        | 25-45  | mzcl    | 25Y 61 00 |        |         |         |        | Υ    | 0  | 0   |       | 0        |         | М       |              |         |        |
|        | 45–75  | c       | 25Y 61 00 |        |         |         |        | Υ    | 0  | 0   |       | 0        |         | Р       | Y            |         |        |
| _      | 75-120 | С       | 25Y 61 00 | 10YR58 | 00 M    | 0       | OMNOO  | 00 Y | 0  | 0   |       | 0        |         | Р       | Y            |         |        |
| 63     | 0-30   | lms     | 10YR41 42 |        |         |         |        |      | 2  | 0   | HR    | 5        |         |         |              |         |        |
|        | 30-55  | lms     | 10YR44 00 |        |         |         |        |      | 0  | 0   | HR    | 5        |         | M       |              |         |        |
| _      | 55-80  | lms     | 10YR54 00 |        |         |         |        |      | 0  | 0   | HR    | 5        |         | M       |              |         |        |
|        | 80 82  | lms     | 10YR54 64 |        |         |         |        |      | 0  | 0   | HR    | 40       |         | М       |              | IMP GRA | AVELLY |
| 64     | 0 33   | 1ms     | 10YR41 42 |        |         |         |        |      |    | 0   |       | 5        |         |         |              |         |        |
| ľ      | 33 60  | lms     | 10YR44 00 |        |         |         |        |      | 0  | 0   |       | 5        |         | М       |              |         |        |
|        | 60-85  | lms     | 10YR54 00 |        |         |         |        |      | 0  | 0   |       | 5        |         | M       |              |         |        |
| _      | 85 100 | lms     | 10YR64 00 |        |         |         |        |      | 0  | 0   | HR    | 20       |         | М       |              | IMP GRA | AVELLY |

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| 1      |        |         |           | MOTTLES     |      | PED    |      |   | S | TONES: |    | STRUCT/ | SUBS |              |              |
|--------|--------|---------|-----------|-------------|------|--------|------|---|---|--------|----|---------|------|--------------|--------------|
| SAMPLE | DEPTH  | TEXTURE | COLOUR    | COL ABUN    | CONT |        | GLEY |   |   |        |    | -       |      | IMP SPL CALC |              |
| -      |        |         |           |             |      |        |      |   |   |        |    |         |      |              |              |
| 65     | 0-20   | msl     |           | 10YR58 00 C |      |        | Y    |   |   | HR     | 6  |         |      |              |              |
|        | 20-35  | msl     |           | 10YR58 00 C |      |        | Υ    |   |   | HR     | 2  |         | М    |              |              |
|        | 35–68  | hcl     |           | 10YR58 68 M |      |        | Y    |   |   | HR     | 2  |         | М    | Y            |              |
| •      | 68-82  | scl     |           | 75YR58 00 M |      |        | Y    |   |   | HR     | 20 |         | М    |              |              |
|        | 82-100 | ms i    | 05GY51 00 | 75YR58 00 C |      |        | Y    | 0 | 0 | HR     | 20 |         | М    |              | IMP GRAVELLY |
| 68     | 0-35   | ms1     | 10YR32 00 |             |      |        |      | 0 | 0 | HR     | 3  |         |      |              |              |
|        | 35-48  | lms     | 10YR42 51 | 10YR46 56 C | 0    | OFE00  | 00 Y | 0 | 0 | HR     | 2  |         | М    |              | IMP GRAVELLY |
| 69     | 0-32   | msl     | 10YR42 32 |             |      |        |      |   | 0 |        | 3  |         |      |              |              |
| •      | 32-50  | lms     | 25Y 62 63 | 10YR56 00 C | 0    | 00FE00 | 00 Y | 0 | 0 | HR     | 10 |         | М    |              | IMP GRAVELLY |
| 70     | 0-25   | mzcl    | 10YR42 00 | 10YR56 66 C |      |        | Υ    | 0 | 0 |        | 0  |         |      |              |              |
| _      | 25-60  | mcl     | 25Y 61 00 | 10YR58 00 M | 0    | OMNOO  | 00 Y | 0 | 0 |        | 0  |         | M    |              |              |
|        | 60-120 | С       | 25Y 61 00 | 10YR58 00 M | 0    | OMNOO  | 00 Y | 0 | 0 |        | 0  |         | P    | Y            |              |
| 71     | 0-30   | lms     | 10YR41 42 |             |      |        |      | 5 | 2 | HR     | 10 |         |      |              |              |
|        | 30-50  | m\$     | 10YR44 54 |             |      |        |      | 0 | 0 | HR     | 30 |         | M    |              | IMP GRAVELLY |
| 72     | 0-35   | msì     | 10YR43 00 |             |      |        |      | 3 | 0 | HR     | 5  |         |      |              |              |
| ı      | 35–55  | lms     | 10YR43 00 | 10YR56 00 C |      |        |      | 0 | 0 | HR     | 1  |         | М    |              | IMP GRAVELLY |
| 73     | 0-30   | msl     | 10YR43 33 |             |      |        |      | 2 | 0 | HR     | 4  |         |      |              |              |
|        | 30 45  | ms1     | 10YR42 00 | 10YR46 00 C |      |        | Υ    | 0 | 0 | HR     | 1  |         | M    |              |              |
| 1      | 45-63  | lms     | 10YR53 00 | 10YR46 00 M |      |        | Υ    | 0 | 0 | HR     | 1  |         | M    |              |              |
| •      | 63-80  | lms     | 10YR53 63 | 10YR46 00 M | 0    | OMNOO  | 00 Y | 0 | 0 |        | 0  |         | M    |              | IMP FLINTS   |
| 74     | 0-30   | fsl     | 10YR43 00 |             |      |        |      | 4 | 1 | HR     | 6  |         |      |              |              |
|        | 30-40  | msl     | 10YR43 00 |             |      |        |      | 0 | 0 | HR     | 1  |         | М    |              | IMP FLINTS   |
| 75     | 0-32   | msl     | 10YR42 00 |             |      |        |      | 3 | 0 | HR     | 5  |         |      |              |              |
|        | 32-45  | ms 1    | 10YR43 00 |             |      |        |      | 0 | 0 | HR     | 5  |         | M    |              |              |
|        | 45 55  | lms     | 10YR42 64 | 10YR58 00 C |      |        | Υ    | 0 | 0 | HR     | 30 |         | M    |              |              |
| -      | 55-68  | lms     | 25Y 72 00 | 10YR58 00 C |      |        | Y    | 0 | 0 | HR     | 10 |         | М    |              | IMP FLINTS   |
| 76     | 0 35   | msl     | 10YR42 00 |             |      |        |      | 3 | 0 | HR     | 5  |         |      |              |              |
| •      | 35-50  | lms     | 25Y 64 00 | 10YR58 00 C |      |        | Υ    | 0 | 0 | HR     | 5  |         | G    |              |              |
|        | 50 80  | ms      | 25Y 73 74 | 10YR58 00 C |      |        | Υ    | 0 | 0 | HR     | 2  |         | G    |              |              |
|        | 80-85  | msl     | 25Y 73 74 | 75YR58 00 M |      |        | Y    | 0 | 0 | HR     | 40 |         | М    |              | IMP FLINTS   |
| 77     | 0 30   | msl     | 10YR42 00 |             |      |        |      | 1 | 0 | HR     | 3  |         |      |              |              |
| Ì      | 30-60  | msl     | 10YR64 00 |             |      |        |      | 0 | 0 | HR     | 2  |         | М    |              |              |
| ļ      | 60-90  | scl     | 05Y 72 00 | 10YR58 00 M |      |        | Y    | 0 | 0 | HR     | 2  |         | М    |              | IMP FLINTS   |
| 78     | 0-35   | msl     | 10YR43 42 |             |      |        |      | 0 | 0 | HR     | 5  |         |      |              |              |
|        | 35-50  | msl     | 25Y 53 62 | 10YR56 00 C |      |        | Y    | 0 | 0 | HR     | 5  |         | М    |              | IMP GRAVELLY |
| 79     | 0-35   | lms     | 10YR42 00 |             |      |        |      | 8 | 3 | HR     | 15 |         |      |              |              |
|        | 35-50  | ms      | 10YR54 00 |             |      |        |      | 0 | 0 | HR     | 40 |         | М    |              | IMP GRAVELLY |
|        |        |         |           |             |      |        |      |   |   |        |    |         |      |              |              |

|        |        |         |           |        | MOTTLES |      | PED   |      |    | S  | TONES |     | STRUCT/ | SUBS | S   |     |     |      |       |         |
|--------|--------|---------|-----------|--------|---------|------|-------|------|----|----|-------|-----|---------|------|-----|-----|-----|------|-------|---------|
| SAMPLE | DEPTH  | TEXTURE | COLOUR    | COL    | ABUN    | CONT | COL   | GLEY | >2 | >6 | LITH  | TOT | CONSIST | STR  | POR | IMP | SPL | CALC |       |         |
| 80     | 0-30   | msl     | 10YR43 00 |        |         |      |       |      | 4  | 1  | HR    | 6   |         |      |     |     |     |      |       |         |
| ŀ      | 30-50  | msl     | 10YR42 00 | 10YR46 | 6 00 C  |      |       | Y    | 0  | 0  | HR    | 1   |         | M    |     |     |     |      | IMP ( | RAVELLY |
| 81     | 0-30   | ms1     | 10YR43 00 |        |         |      |       |      | 2  | 0  | HR    | 3   |         |      |     |     |     |      |       |         |
|        | 30-50  | msl     | 10YR42 00 | 10YR46 | 6 00 C  |      |       | Y    | 0  | 0  |       | 0   |         | М    |     |     |     |      | IMP 6 | RAVELLY |
| 82     | 0-32   | mc1     | 10YR33 00 |        |         |      |       |      | 4  | 2  | HR    | 4   |         |      |     |     |     |      |       |         |
|        | 32-43  | mc1     | 10YR42 00 | 10YR46 | 5 00 C  |      |       | Y    | 0  | 0  |       | 0   |         | М    |     |     |     |      |       |         |
|        | 43-53  | hc1     | 10YR52 00 | 75YR56 | 5 00 M  | 00   | OOMMO | 00 Y | 0  | 0  |       | 0   |         | Ρ    |     |     | Y   |      |       |         |
|        | 53-80  | sc      | 10YR61 00 | 75YR56 | 5 00 C  | 00   | OMNOO | 00 Y | 0  | 0  |       | 0   |         | Ρ    |     |     | Υ   |      |       |         |
| i      | 80-100 | scl     | 10YR61 00 | 10YR58 | 3 00 M  | 00   | OMNOO | 00 Y | 0  | 0  | HR    | 3   |         | Р    |     |     | Y   |      | IMP G | RAVELLY |
| 83     | 0-30   | msl     | 10YR42 00 |        |         |      |       |      | 3  | 1  | HR    | 5   |         |      |     |     |     |      |       |         |
| 1      | 30-50  | msì     | 10YR42 53 |        |         | 00   | OMNOO | 00   | 0  | 0  | HR    | 40  |         | М    |     |     |     |      | IMP G | RAVELLY |
| 84     | 0-30   | msl     | 10YR42 00 |        |         |      |       |      | 3  | 0  | HR    | 5   |         |      |     |     |     |      |       |         |
|        | 30-40  | msl     | 10YR52 53 | 75YR46 | 5 00 C  |      |       | Υ    | 0  | 0  | HR    | 5   |         | M    |     |     |     |      |       |         |
| ì      | 40-68  | lms     | 25Y 74 72 | 10YR56 | 5 00 C  |      |       | Y    | 0  | 0  | HR    | 2   |         | G    |     |     |     |      |       |         |
|        | 68-90  | scl     | 05Y 72 00 | 10YR58 | 3 00 M  |      |       | Y    | 0  | O  | HR    | 2   |         | М    |     |     |     |      | IMP F | LINTS   |