A1 Hart District Replacement Local Plan Site 1036/26-Odiham Agricultural Land Classification September 1996

Resource Planning Team Guildford Statutory Group ADAS Reading ADAS Reference: 1506/113/96 MAFF Reference: EL 15/01383 LUPU Commission: 02393

AGRICULTURAL LAND CLASSIFICATION REPORT

HART DISTRICT REPLACEMENT LOCAL PLAN SITE 1036/26 - ODIHAM.

Introduction

- 1. This report presents the findings of a detailed Agricultural Land Classification (ALC) survey of approximately 11 hectares of land situated to the east of Odiham in Hampshire. The survey was carried out during September 1996.
- 2. The survey was commissioned by the Ministry of Agriculture, Fisheries and Food (MAFF), from its Land Use Planning Unit in Reading, in connection with the Hart District Replacement Local Plan. The results of this survey supersede any previous ALC information for this land.
- 3. The work was conducted by members of the Resource Planning Team in the Guildford Statutory Group of ADAS. 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.
- 4. At the time of survey the area was used as permanent grazing. There was an area of woodland on the site and also gardens belonging to adjacent houses.

Summary

- 5. 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.
- 6. The area and proportions of the ALC grades and subgrades on the surveyed land are summarised in Table 1 below.

| Table 1 | l: | Агеа | of | grades | and | other | land |
|---------|----|------|----|--------|-----|-------|------|
|---------|----|------|----|--------|-----|-------|------|

| Grade/Other land | Area (hectares) | % Total site area | % Surveyed Area |
|---------------------|-----------------|-------------------|-----------------|
| 3b Other land | 10.0 1.6 | 86.2 13.8 | 100.0 |
| Total surveyed area | 10.0 | - | 100 |
| Total site area | 11.6 | 100 | - |

- 7. The fieldwork was conducted at an average density of approximately 1 boring per hectare. A total of 10 borings and one soil pit were described.
- 8. All of the agricultural land on this site has been classified as Subgrade 3b (moderate quality), the key limitation being soil wetness. The soil profiles comprise deep poorly drained clay loam and silty clay loam soils passing into clay at depth. The soils are gleyed from the surface and are slowly permeable from a shallow depth.

In this local climatic regime, the combination of soil textures and the soil water regime act to limit the level and consistency of crop yields, as well as affecting the timings of cultivations and/or trafficking. This land has therefore been classified as Subgrade 3b on the basis of a moderate soil wetness limitation.

Factors Influencing ALC Grade

Climate

- 9. Climate affects the grading of land through the assessment of an overall climatic limitation and also through interactions with soil characteristics.
- 10. 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).

Values Factor Units SU 748 516 Grid reference N/A Altitude m, AOD 80 Accumulated Temperature day°C (Jan-June) 1441 734 Average Annual Rainfall mm 157 Field Capacity Days days 107 Moisture Deficit, Wheat mm Moisture Deficit, Potatoes 99 mm

Table 2: Climatic and altitude data

- 11. 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.
- 12. 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.
- 13. The combination of rainfall and temperature at this site mean that there is no overall climatic limitation (Climatic Grade 1). However, climatic factors do interact with soil properties to influence soil wetness and droughtiness. At this location the crop adjusted soil moisture deficits are comparatively low thus decreasing the likelihood of soil droughtiness. Correspondingly the field capacity day values are relatively high thus increasing the effects of soil wetness.
- 14. Local climatic factors such as frost risk and exposure are not thought likely to adversely affect agricultural land use on this site.

Site

- 15. The land on this site is relatively flat, with a gradient of 2-3 degrees north-east. The site lies at an altitude of 80m-90m AOD. However, neither gradient or microrelief affect agricultural land quality on this site.
- 16. The site is not susceptible to flooding.

Geology and soils

- 17. The relevant geological sheet (BGS, 1981) maps the north of the site as London Clay and the southern end of the site as Reading Beds.
- 18. The most recently published soils information for this area (SSEW, 1983) maps the whole site as Wickham 4 soil association. These soils are described as 'slowly permeable seasonally waterlogged fine loamy over clayey and fine silty over clayey soils, often brown subsoils' (SSEW, 1983).
- 19. Detailed field survey revealed similar soils to those described above as the Wickham 4 soil association.

Agricultural Land Classification

- 20. 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, page 1.
- 21. 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 III.

Subgrade 3b

- 22. The whole site is classified as Subgrade 3b land where the land is restricted by a significant soil wetness limitation. The profiles are stoneless to slightly stony (0-8% total flints, 2% >0-2cm) medium and heavy clay loam and silty clay loam topsoils over very slightly stony to slightly stony (1-15% total flints) medium or heavy clay loam and clay subsoils. Most profiles are gleyed from the surface and slowly permeable from 35-40cm depth, others are slowly permeable from 25cm. This land has therefore been classified as Wetness Class IV, Wetness Grade 3b as wet soils such as these can significantly restrict crop growth and yields as well as limiting the timing of cultivations. This land will be best suited to grazing over most of the year
- 23. There were a few auger borings of better quality land. However they represent too small an area to be mapped at this scale.

Judith Clegg Resource Planning Team Guildford Statutory Group ADAS Reading

SOURCES OF REFERENCE

British Geological Survey (1981) Sheet No. 284, Basingstoke. 1:50,000 Series. Solid & Drift. 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. SSEW: Harpenden.

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

APPENDIX I

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 WETNESS CLASSIFICATION

Definitions of Soil Wetness Classes

Soil wetness is classified according to the depth and duration of waterlogging in the soil profile. Six soil wetness classes are identified and are defined in the table below.

| Wetness Class | Duration of waterlogging i |
|---------------|---|
| I | The soil profile is not wet within 70 cm depth for more than 30 days in most years. ² |
| Ц | The soil profile is wet within 70 cm depth for 31-90 days in most years or, if there is no slowly permeable layer within 80 cm depth, it is wet within 70 cm for more than 90 days, but only wet within 40 cm depth for 30 days in most years. |
| III | The soil profile is wet within 70 cm depth for 91-180 days in most years or, if there is no slowly permeable layer present within 80 cm depth, it is wet within 70 cm for more than 180 days, but only wet within 40 cm depth for between 31-90 days in most years. |
| ΓV | The soil profile is wet within 70 cm depth for more than 180 days but not wet within 40 cm depth for more than 210 days in most years or, if there is no slowly permeable layer present within 80 cm depth, it is wet within 40 cm depth for 91-210 days in most years. |
| V | The soil profile is wet within 40 cm depth for 211-335 days in most years. |
| VI | The soil profile is wet within 40 cm depth for more than 335 days in most years. |

Assessment of Wetness Class

Soils have been allocated to wetness classes by the interpretation of soil profile characteristics and climatic factors using the methodology described in Agricultural Land Classification of England and Wales: Revised guidelines and criteria for grading the quality of agricultural land (MAFF, 1988).

¹ The number of days is not necessarily a continuous period.

² 'In most years' is defined as more than 10 out of 20 years.

APPENDIX III

SOIL DATA

Contents:

Sample location map

Soil abbreviations - Explanatory Note

Soil Pit Descriptions

Soil boring descriptions (boring and horizon levels)

Database Printout - Horizon Level Information

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: | Coniferous Woodland | DCW: | Deciduous Wood |
| HTH: | Heathland | BOG: | Bog or Marsh | FLW: | Fallow |
| PLO: | Ploughed | SAS: | Set aside | OTH: | Other |
| HRT: | Horticultural Crops | 5 | | | |

- 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 | EROSN: | 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 | AE: | Aspect | EX: | Exposure |
|-----|------------------|-----|-----------------|-----|---------------------------|
| 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 |
| ST: | Topsoil Stonines | s | | | |

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 Clay | ZC: | Silty Clay | OL: | Organic Loam |
| P : | Peat | SP: | Sandy Peat | LP: | Loamy Peat |
| PL: | Peaty Loam | 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.
- 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
- 5. **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

CH: chalk

SLST: soft oolitic or dolomitic limestone

FSST: soft, fine grained sandstone

GH: gravel with non-porous (hard) stones

GS: gravel with porous (soft) stones

SI: soft weathered igneous/metamorphic rock

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: weakly developed MD: moderately developed

ST: strongly developed

ped size F: fine M: medium

C: coarse VC: very coarse

ped shape S: single grain M: massive

GR: granular

AB: angular blocky

BD: prigrantic

SAB: sub-angular blocky PR: prismatic

PL: platy

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.
- 13. 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.
- 15. 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

SOIL PIT DESCRIPTION

Site Name: HART LP, SITES 1036/1026

Pit Number: 1P

Grid Reference: SU74805150

Average Annual Rainfall: 745 mm

Accumulated Temperature: 1430 degree days

Field Capacity Level : 158 days

Land Use

: Permanent Grass

Slope and Aspect

: 02 degrees NE

| HORIZON | TEXTURE | COLOUR | STONES >2 | TOT.STONE | LITH | MOTTLES | STRUCTURE | CONSIST | SUBSTRUCTURE | CALC |
|---------|---------|-----------|-----------|-----------|------|---------|-----------|---------|--------------|------|
| 0- 20 | MZCL | 10YR42 00 | 0 | 2 | HR | | | | | |
| 20- 42 | С | 10YR53 00 | 0 | 15 | HR | M | MDCSAB | VM | M | |
| 42- 70 | С | 10YR52 00 | 0 | 1 | HR | M | STCOAB | VM | Р | |

Wetness Grade: 3B

Wetness Class : IV

Gleying

:020 cm

SPL

:042 cm

Drought Grade:

APW: 000mm MBW: 0 mm

APP : 000mm MBP :

0 mm

FINAL ALC GRADE : 3B

MAIN LIMITATION : Wetness

program: ALC012

LIST OF BORINGS HEADERS 23/01/97 HART LP, SITES 1036/1026

page 1

| | SAMP | LE | | , | ASPECT | | | | WET | ESS | -WHI | EAT- | -P0 | TS- | M. I | REL | EROSN | FROST | CHEM | ALC | | |
|---|-------------|--------|-------|-----|--------|-------|------|-------|-------|-------|------|------|-----|-----|------|-------|-------|--------|---------|-----|------------|-------|
| | 1 0. | GRID | REF | USE | | GRDNT | GLEY | Y SPL | CLASS | GRADE | AP | MB | AP | MB | DRT | FL000 | E | (P DIS | T LIMIT | | COMMENTS | |
| | 1 | SU748 | 05160 | PGR | | | 0 | 035 | 4 | 38 | 000 | 0 | 000 | 0 | | | | | WE | 3B | | |
| I | 1P | SU748 | 05150 | PGR | NE | | 020 | 042 | 4 | 3B | 000 | 0 | 000 | 0 | | | | | WE | 3B | AT AB 3 | |
| _ | 2 | SU747 | 05150 | PGR | NÉ | 02 | 0 | 025 | 4 | 3B | 000 | 0 | 000 | 0 | | | | | WE | 38 | | |
| _ | 3 | SU748 | 05150 | PGR | NE | 02 | 0 | 042 | 4 | 3B | 000 | 0 | 000 | 0 | | | | | WE | 38 | | |
| | 4 | SU749 | 05150 | PGR | NE | 02 | 0 | 035 | 4 | 3B | 000 | 0 | 000 | 0 | | | | | WE | 3B | IMP 60 | |
| | 5 | SU747 | 05140 | PGR | NE | 03 | 0 | 040 | 4 | 3B | 000 | 0 | 000 | 0 | | | | | WE | 3B | | |
| | 6 | SU748 | 05140 | PGR | NE | 03 | 0 | | 2 | 2 | 000 | 0 | 000 | 0 | | | | | WE | 3B | IMP 30, SI | EE 1P |
| | 7 | SU749 | 05140 | PGR | NE | 02 | 028 | | 2 | 2 | 000 | 0 | 000 | 0 | | | | | WE | 3B | IMP 40, SI | EE 1P |
| | 8 | SU750 | 05140 | PGR | NM | 01 | 0 | 025 | 4 | 3B | 000 | 0 | 000 | 0 | | | | | WE | 3B | | |
| | 10 | SU747 | 05110 | PGR | S | 01 | 0 | 025 | 4 | 3B | 000 | 0 | 000 | 0 | | | | | ME | 3B | | |
| | 11 | SU7470 | 05100 | PGR | | | 0 | 025 | 4 | 3B | 000 | 0 | 000 | 0 | | | | | WE | 3B | | |

| | | | | | MOTTLES | ; | PED | | | \$ | TONES | | STRUCT, | / | SUBS | 3 | | | |
|--------|-------|---------|-----------|-------|---------|------|-------|------|----|----|-------|-----|---------|-----|------|-----|-----|-----|------|
| SAMPLE | DEPTH | TEXTURE | COLOUR | COL | ABUN | CONT | COL. | GLEY | >2 | >6 | LITH | TOT | CONSIS | Т : | STR | POR | IMP | SPL | CALC |
| 1 | 0-20 | hzcl | 10YR32 00 | 10YR5 | 6 00 C | | | Y | 0 | 0 | HR | 2 | | | | | | | |
| İ | 20-35 | С | 25 Y63 00 | 75YR5 | 8 00 M | | | Y | 0 | 0 | HR | 1 | | | M | | | | |
| | 35-60 | С | 25 Y63 00 | 75YR5 | 8 00 M | | | Y | 0 | 0 | | 0 | | | P | | | Y | |
| 1P | 0-20 | mzcl | 10YR42 00 | | | | | | 0 | 0 | HR | 2 | | | | | | | |
| ļ | 20-42 | С | 10YR53 00 | 10YR5 | 8 00 M | | | Y | 0 | 0 | HR | 15 | MDCSAB | VM | M | | | | |
| 1 | 42-70 | c | 10YR52 00 | 75YR5 | 6 00 M | | | Y | 0 | 0 | HR | 1 | STCOAB | VM | P | Y | | γ | |
| 2 | 0-25 | hzcl | 10YR42 00 | 10YR5 | 6 00 C | | | Y | 0 | 0 | HR | 2 | | | | | | | |
| | 25-55 | С | 10YR53 00 | 75YR5 | 8 00 M | | | Y | 0 | 0 | HR | 2 | | | P | | | Υ | |
| | 55-75 | С | 10YR52 00 | 75YR5 | 8 00 M | | | Y | 0 | 0 | | 0 | | | P | | | Y | |
| 3 | 0-20 | mzcl | 10YR42 00 | 10YR5 | 6 00 C | | | γ | 0 | 0 | HR | 2 | | | | | | | |
| | 20-42 | С | 25 Y63 00 | 75YR5 | 8 00 C | | | Y | 0 | 0 | HR | 5 | | | М | | | | |
| | 42-70 | С | 25 Y62 00 | 75YR5 | 8 00 M | | | Y | 0 | 0 | HR | 5 | | | P | | | Y | |
| 4 | 0-25 | mzcl | 10YR42 00 | 75YR5 | 6 00 C | | | γ | 0 | 0 | | 0 | | | | | | | |
| | 25-35 | hc1 | 10YR53 00 | 75YR5 | 8 00 C | 1 | 0YR71 | 00 Y | 0 | 0 | HR | 10 | | | M | | | | |
| | 35-60 | c | 10YR53 63 | 75YR5 | 8 00 M | | | Y | 0 | 0 | HR | 5 | | | P | | | Y | |
| 5 | 0-20 | c | 10YR42 00 | 10YR5 | 6 00 C | | | у | 0 | 0 | HR | 2 | | | | | | | |
| | 20-40 | С | 10YR53 00 | 75YR5 | 8 00 M | | | Y | 0 | 0 | | 0 | | | M | | | | |
| | 40-60 | c | 25 Y63 00 | 75YR5 | 8 00 M | | | Y | 0 | 0 | | 0 | | | Р | | | Y | |
| 6 | 0-30 | hzc1 | 10YR42 00 | 10YR5 | 6 00 C | | | Y | 2 | 0 | HR | 8 | | | | | | | |
| 7 | 0-28 | mcl | 10YR42 00 | | | | | | 0 | 0 | HR | 5 | | | | | | | |
| | 28-40 | mcl | 25 Y73 00 | 10YR5 | 8 00 C | | | Y | 0 | 0 | HR | 10 | | | M | | | | |
| 8 | 0-25 | mc1 | 10YR51 00 | 75YR4 | 6 00 C | | | γ | 0 | 0 | | 0 | | | | | | | |
| | 2580 | c | 10YR61 00 | 75YR5 | 8 00 M | | | Y | 0 | 0 | | 0 | | | P | | | Υ | |
| 10 | 0-25 | hc1 | 10YR52 00 | 75YR5 | 8 00 C | | | γ | 0 | 0 | | 0 | | | | | | | |
| | 25-70 | С | 25Y 63 00 | 75YR5 | 8 00 M | 1 | 0YR61 | 00 Y | 0 | 0 | | 0 | | | P | | | Y | |
| 11 | 0-25 | hc1 | 10YR41 42 | 10YR5 | 8 00 C | | | γ | 0 | 0 | Z | 0 | | | | | | | |
| | 25-80 | c | 25 Y63 00 | 75YR6 | 8 00 C | 1 | 0YR71 | 00 Y | 0 | 0 | HR | 2 | | | Р | | | Y | |