

BORING NO. 001
 a MCL 10YR54 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE 4

BORING NO. 005
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE B4

BORING NO. 009
 a MCL 10YR54 029
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE B

BORING NO. 002
 a MCL 10YR54 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE 4

BORING NO. 006
 a MCL 10YR54 027
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE B4

BORING NO. 010
 a MCL 10UY54 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 01
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE B4

BORING NO. 003
 a MCL 10YR54 031
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 007
 a MCL 10YR54 024
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE B4

BORING NO. 011
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE CER GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION

DIST GRD CHEM. PROP.

ALC GRADE B4

BORING NO. 004
 a MCL 10YR54 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE 4

BORING NO. 008
 a MCL 10YR54 018
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE 4

BORING NO. 012
 a MCL 10YR54 021
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE CER GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE B4

BORING NO.013
a MCL 10YR54 020
MOTTLES
STONES Y PD CaCO3

b HCL 10YR64 032
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.014
a MCL 10YR54 023
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.015
a MCL 10YR54 029
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 0 WORKAB 0
LND USE CER GRADIENT 03
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.016
a MCL 10YR54 034
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 01
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.017
a MCL 10YR54 020
MOTTLES
STONES Y PD CaCO3

b HCL 10YR44 025
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 01
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.018
a MCL 10YR54 028
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 03
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.019
a MCL 10YR54 025
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.020
a MCL 10YR54 028
MOTTLES
STONES Y PD CaCO3

b HCL 10YR54 034
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 0 WORKAB 0
LND USE CER GRADIENT 03
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.021
a MCL 10YR54 022
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 05
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.022
a MCL 10YR64 019
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B

BORING NO.023
a MCL 10YR64 029
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.024
a MCL 10YR54 023
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 05
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

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BORING NO. 025
 a MCL 10YR54 021
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 01
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 027
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 031
 a MCL 10YR54 023
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 026
 a MCL 10YR64 022
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 028
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

b HCL 10YR64 039
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 032
 a MCL 10YR54 023
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 05
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 027
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

b HCL 10YR64 038
 MOTTLES
 STONES Y PD CaCO3

c C 10YR64 048
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 05
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE A

BORING NO. 029
 a MCL 10YR54 018
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE B4

BORING NO. 033
 a MCL 10YR54 026
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 06
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 030
 a MCL 10YR54 029
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 01
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

BORING NO. 034
 a MCL 10YR54 021
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG. MAT S. PERM 000
 WET. CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM. PROP.

ALC GRADE AB

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BORING NO. 035
a MCL 10YR54 025

MOTTLES
STONES Y PD CaCO3

b C 10YR56 050

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE A

BORING NO. 036
a MCL 10YR54 020

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 037
a MCL 10YR54 023

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 04
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 038
a MCL 10YR44 020

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 039
a MCL 10YR44 022

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 040
a MCL 10YR44 029

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 041
a MCL 10YR44 025

MOTTLES
STONES Y PD CaCO3

b C 10YR54 032

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 04
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 042
a MCL 10YR54 021

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 05
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 043
a MCL 10YR54 024

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 04
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 044
a MCL 10YR54 023

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 05
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 03
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 045
a MCL 10YR44 018

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO. 046
a MCL 10YR54 017

MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.047
a MCL 10YR54 020
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.048
a MCL 10YR54 028
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE

BORING NO.048
a MCL 10YR54 028
MOTTLES
STONES Y PD CaCO3

b HCL 10YR54 038
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.049
a MCL 10YR64 019
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 01
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.050
a MCL 10YR54 037
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 03
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.051
a MCL 10YR54 018
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 05
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.052
a MCL 75YR46 031
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 05
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.053
a MCL 10YR64 021
MOTTLES
STONES PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 05
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.054
a MCL 10YR54 022
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 04
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.055
a MCL 10YR44 020
MOTTLES
STONES Y PD CaCO3

b C 75YR44 045
MOTTLES
STONES PD CaCO3

c C 10YR64 070
MOTTLES D C
STONES Y PD CaCO3

STONES
<2 05 2-6 10
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 0 WORKAB 0
LND USE MAI GRADIENT 03
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.056
a MZCL 10YR44 020
MOTTLES
STONES Y PD CaCO3

b HCL 75YR44 045
MOTTLES
STONES Y PD CaCO3

c C 75YR46 068
MOTTLES
STONES Y PD CaCO3

STONES
<2 05 2-6 10
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 0 WORKAB 0
LND USE MAI GRADIENT 04
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE 2A

BORING NO.057
 a MZCL 10YR44 020
 MOTTLES
 STONES Y PD CaCO3

b HCL 75YR44 025
 MOTTLES
 STONES Y PD CaCO3

BORING NO.061
 a MCL 10YR64 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

BORING NO.065
 a MCL 10YR54 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE MAI GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 05
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.066
 a MCL 10YR54 024
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

BORING NO.058
 a MZCL 10YR44 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE MAI GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

BORING NO.062
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.067
 a MCL 10YR54 025
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

BORING NO.059
 a MZCL 10YR44 022
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 05
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE MAI GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

BORING NO.063
 a MCL 10YR54 024
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.068
 a MCL 10YR54 028
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 0 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

BORING NO.060
 a MCL 10YR64 025
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

BORING NO.064
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

b HCL 10YR64 037
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.069
 a MCL 10YR54 028
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

2. Climate

BORING NO.060
 a MCL 10YR64 025
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.064
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

b HCL 10YR64 037
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.067
 a MCL 10YR54 025
 MOTTLES
 STONES Y PD CaCO3

b C 75YR44 065
 MOTTLES
 STONES Y PD CaCO3

c C 10YR64 075
 MOTTLES
 C D
 STONES Y PD CaCO3

STONES
 <2 05 2-6 05
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 0 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP. (2.82 ha)

ALC GRADE A

BORING NO.060
 a MCL 10YR64 025
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.064
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

b HCL 10YR64 037
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.068
 a MCL 10YR54 028
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

Table 1; Distribution of Grades and Sul-

% of Agricultural Area

85.8
 2.6

BORING NO. 069
 a MCL 10YR64 018
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO. 070
 a MCL 10YR54 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO. 071
 a MCL 10YR54 027
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 072
 a MCL 10YR54 026
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 073
 a HZCL 10YR54 025
 MOTTLES
 STONES Y PD CaCO3

b HZCL 10YR64 035
 MOTTLES C D
 STONES Y PD CaCO3

c C 10YR64 055
 MOTTLES C D
 STONES Y PD CaCO3

STONES
 <2 05 2-6 05
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 0 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE A

BORING NO. 074
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

b HZCL 10YR64 030
 MOTTLES D
 STONES Y PD CaCO3

c C 10YR64 049
 MOTTLES C D
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 0 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 075
 a MCL 10YR66 022
 MOTTLES
 STONES Y PD CaCO3

b C 10YR64 040
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 076
 a MCL 10YR64 025
 MOTTLES
 STONES Y PD CaCO3

b C 75YR44 031
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 077
 a MCL 10YR64 022
 MOTTLES
 STONES Y PD CaCO3

b C 75YR44 031
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 078
 a MCL 10YR54 022
 MOTTLES
 STONES Y PD CaCO3

b C 10YR64 042
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE A

BORING NO. 079
 a MCL 10YR54 021
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE AB

BORING NO. 080
 a MCL 10YR64 019
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 06
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE B4

BORING NO. 081
 a MCL 10YR54 018
 MOTTLES
 STONES Y PD 4 CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE B4

BORING NO. 082
 a MCL 10YR54 018
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE B4

ALC GRADE B4

BORING NO. 083
 a MCL 10YR54 029
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 05
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE AB

BORING NO. 084
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE AB

BORING NO. 085
 a MZCL 10YR53 035
 MOTTLES C D
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 0 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE B

BORING NO. 086
 a MCL 10YR53 020
 MOTTLES D
 STONES Y PD CaCO3
 b C 10YR62 040
 MOTTLES C D
 STONES Y PD CaCO3
 c C 10YR71 070
 MOTTLES U P
 STONES PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 2 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

BORING NO. 087
 a MCL 10YR54 026
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE AB

BORING NO. 088
 a HCL 75YR54 021
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE AB

BORING NO. 089
 a HCL 75YR44 024
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE AB

BORING NO. 090
 a HCL 10YR54 025
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.
 ALC GRADE AB

ALC GRADE AB

AGRICULTURAL LAND CLASSIFICATION
 BORING NO. 089 the Resource Planning Group
 a survey of two b of 15 hectares
 e the work requested as
 part of MAP's input to the Cotswold District
 and was aimed at the land use
 physical or chemical characteristics
 The network was an approximation
 boring per hectare
 s of the soil
 vi the appendices and the
 At age
 s
 paying
 t
 ng
 s
 s an
 of Agricultural Area

the north-east of Tetbury in Gloucestershire
 BORING NO. 084
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 in
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 ng
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 of Agricultural Area

Table 2: Climatic Interpolations*
 BORING NO. 085
 a MZCL 10YR53 035
 MOTTLES C D
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 089
 a HCL 75YR44 024
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 090
 a HCL 10YR54 025
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 086
 a MCL 10YR53 020
 MOTTLES D
 STONES Y PD CaCO3
 b C 10YR62 040
 MOTTLES C D
 STONES Y PD CaCO3
 c C 10YR71 070
 MOTTLES U P
 STONES PD CaCO3
 BORING NO. 088
 a HCL 75YR54 021
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 087
 a MCL 10YR54 026
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 083
 a MCL 10YR54 029
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 080
 a MCL 10YR64 019
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 079
 a MCL 10YR54 021
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

ALC GRADE AB
 BORING NO. 086
 a MCL 10YR53 020
 MOTTLES D
 STONES Y PD CaCO3
 b C 10YR62 040
 MOTTLES C D
 STONES Y PD CaCO3
 c C 10YR71 070
 MOTTLES U P
 STONES PD CaCO3
 BORING NO. 088
 a HCL 75YR54 021
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 087
 a MCL 10YR54 026
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 083
 a MCL 10YR54 029
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 080
 a MCL 10YR64 019
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00
 BORING NO. 079
 a MCL 10YR54 021
 MOTTLES
 STONES Y PD CaCO3
 STONES
 <2 05 2-6 00
 6-20 00 >20 00

BORING NO.091
 a HCL 75YR44 036
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.095
 a HCL 10YR54 021
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.099
 a HCL 10YR54 018
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.092
 a HCL 75YR44 028
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.096
 a HCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 05
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.100
 a HCL 10YR54 025
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.093
 a HCL 10YR54 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.097
 a HCL 10YR54 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.101
 a HCL 75YR46 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.094
 a HCL 10YR54 029
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 06
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.098
 a HCL 10YR54 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.102
 a HCL 10YR54 027
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 103
a HCL 10YR44 018
MOTTLES
STONES Y PD CaCO3

b C 75YR44 030
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 05
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE POT GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 104
a HCL 10YR54 018
MOTTLES
STONES Y PD CaCO3

STONES
<2 00 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 04
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO. 105
a HCL 10YR44 025
MOTTLES
STONES Y PD CaCO3

b C 75YR44 035
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 05
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE POT GRADIENT 04
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 106
a HCL 10YR54 019
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 04
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO. 107
a HCL 10YR54 028
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 06
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 108
a HCL 10YR64 022
MOTTLES C D
STONES Y PD CaCO3

STONES
<2 02 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 0 WORKAB 0
LND USE GRA GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 109
a HCL 10YR64 020
MOTTLES
STONES Y PD CaCO3

STONES
<2 00 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 110
a HCL 10YR54 020
MOTTLES
STONES Y PD CaCO3

b HCL 75YR44 042
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 05
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRA GRADIENT 06
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE A

BORING NO. 111
a HCL 75YR44 035
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 05
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE GRADIENT 03
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE A

BORING NO. 112
a HCL 75YR44 033
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 02
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 03
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 113
a HCL 10YR54 030
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 00
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 00
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 114
a HCL 10YR54 019
MOTTLES
STONES Y PD CaCO3

STONES
<2 02 2-6 05
6-20 00 >20 00

ORG.MAT S.PERM 000
WET.CLASS 1 WORKAB 0
LND USE CER GRADIENT 01
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.115
 a HCL 10YR54 026
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 10
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE CER GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.116
 a HCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 02
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 05
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.117
 a MCL 10YR54 030
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 05
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.118
 a HCL 10YR64 025
 MOTTLES D
 STONES PD CaCO3

STONES
 <2 00 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 0 WORKAB 0
 LND USE GRA GRADIENT 00
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.119
 a MCL 10YR54 020
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 05 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 05
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.120
 a HCL 10YR54 022
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.121
 a MCL 10YR54 020
 MOTTLES
 STONES PD CaCO3

b HCL 75YR44 039
 MOTTLES
 STONES PD CaCO3

STONES
 <2 00 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO.122
 a HCL 10YR64 018
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 06
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.123
 a HCL 10YR64 018
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 02
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.124
 a HCL 10YR64 018
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.125
 a HCL 10YR64 019
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 03
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE B4

BORING NO.126
 a HCL 10YR54 030
 MOTTLES
 STONES Y PD CaCO3

STONES
 <2 02 2-6 00
 6-20 00 >20 00

ORG.MAT S.PERM 000
 WET.CLASS 1 WORKAB 0
 LND USE GRA GRADIENT 04
 MICRO REL FLOODING
 EXPOSURE ASPECT
 FROST EROSION
 DIST GRD CHEM.PROP.

ALC GRADE AB

BORING NO. 127

a HCL 10YR54 029

MOTTLES

STONES Y PD CaCO3

STONES

<2 00 2-6 00

6-20 00 >20 00

BORING NO. 129

a HCL 10YR64 019

MOTTLES

STONES PD CaCO3

STONES

<2 00 2-6 00

6-20 00 >20 00

SOIL PROFILE DESCRIPTION

ORG. MAT S. PERM 000
WET. CLASS 1 WORKAB 0
LND USE GRA GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM. PROP.

ORG. MAT S. PERM 000
WET. CLASS 1 WORKAB 0
LND USE GRA GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM. PROP.

SOIL PROFILE NOTES

TOPOGRAPHY NOTES

15 ALC GRADE AB 10YR52
HCL 10YR64

ALC GRADE B4
intense mottling

ed from surface

g

BORING NO. 128

a MCL 10YR54 020

MOTTLES

STONES PD CaCO3

STONES

<2 00 2-6 00

6-20 00 >20 00

BORING NO. 130

a HCL 10YR54 021

MOTTLES

STONES Y PD CaCO3

STONES

<2 00 2-6 00

6-20 00 >20 00

ORG. MAT S. PERM 000
WET. CLASS 1 WORKAB 0
LND USE GRA GRADIENT 02
MICRO REL FLOODING
EXPOSURE ASPECT
FROST EROSION
DIST GRD CHEM. PROP.

ALC GRADE AB

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(No Paper!)

133 = End