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No. 9836

EL 2793

MOUNT COMPASS AREA

**ANNUAL AND FINAL REPORTS FOR THE PERIOD
6/2/2001 TO 5/2/2003**

Submitted by
Unimin Australia Ltd
2003

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**PRIMARY INDUSTRIES
AND RESOURCES SA**

EL 2793

Mount Compass

Annual Technical Report
For the period 6/2/2001 to 5/2/2002

| | |
|---------------|------------------------------|
| Author: | B.Borg |
| Date: | March, 2002 |
| Distribution: | PIRSA (1) UAL Gillman (1) |

Report No: TR01/02

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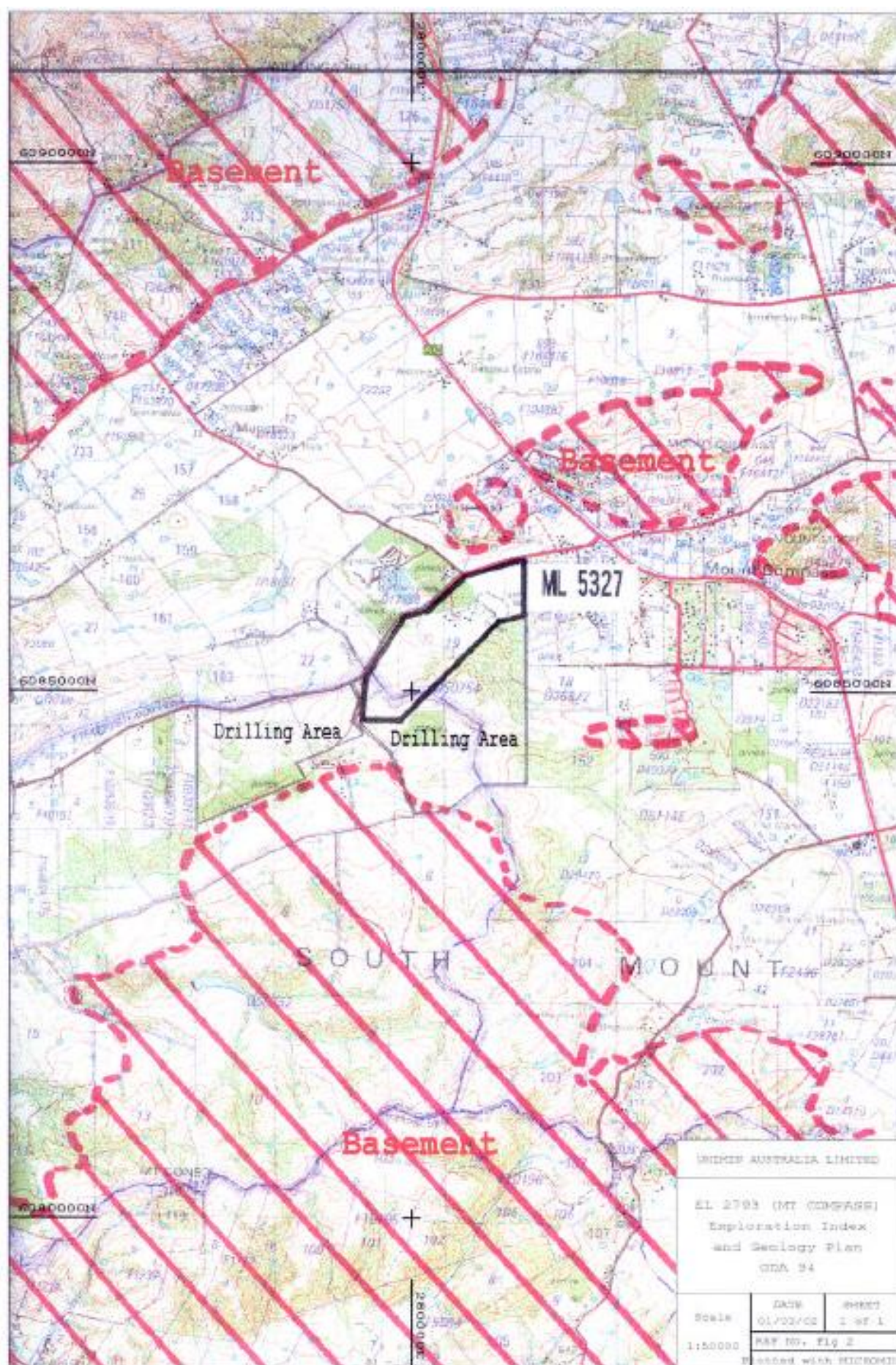
Summary of Activities Conducted

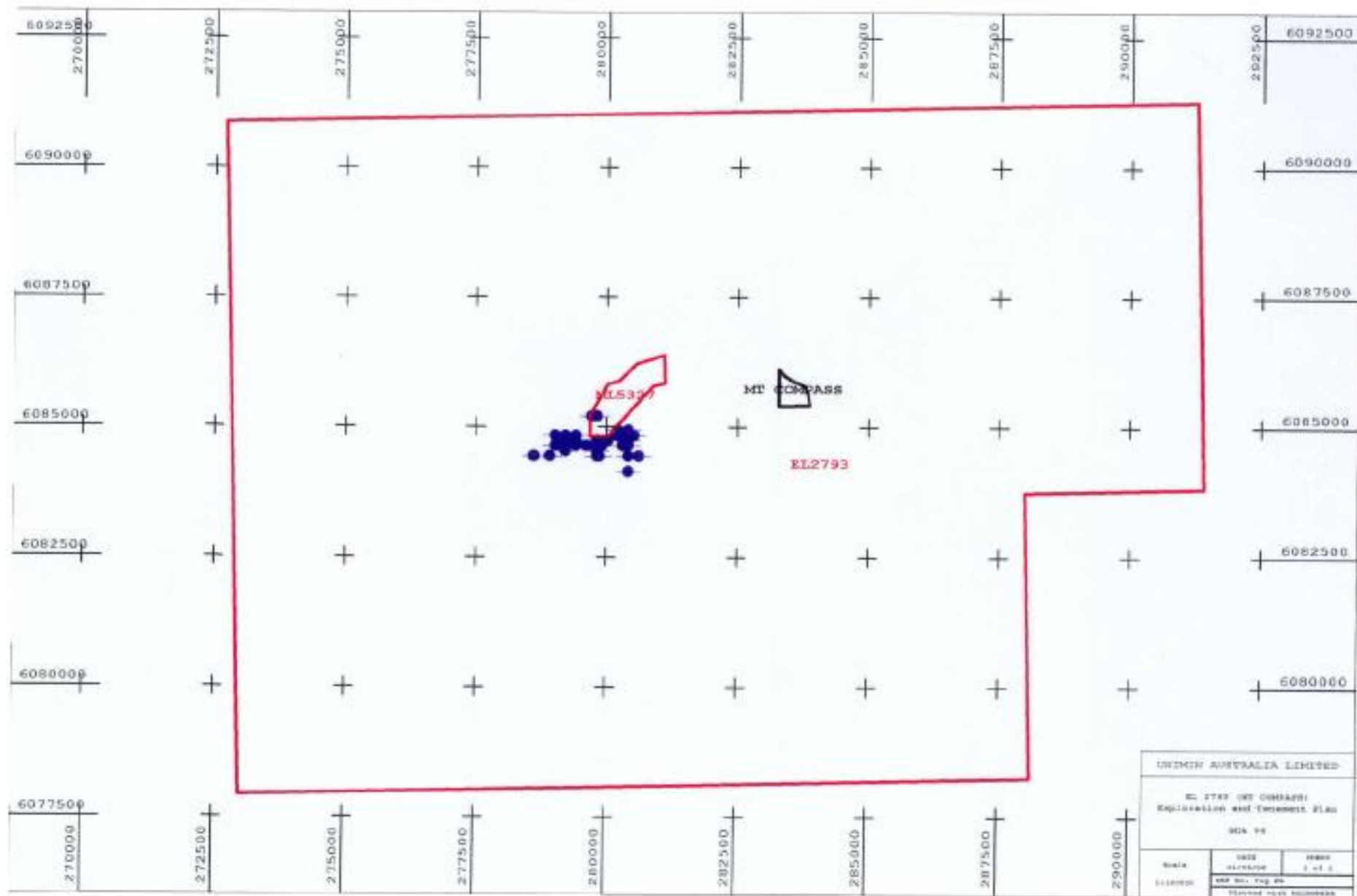
Exploration Licence 2793 was acquired by Unimin Australia Limited in March 2001, as part of their purchase of ACI industrial Minerals. Early work comprised data review, site familiarisation and landholder liaison. A drill programme aimed at investigating the quantity and quality of the sand resource adjacent to the existing UAL Glenshera sand operation was conducted in December 2001.

A total of 31 aircore holes were drilled on a nominal 200 metre grid, for a total of 1,269 metres. Samples were geologically logged and sampled at one metre intervals, and composited according to geology. A total of 209 composite samples have been submitted for analysis at the UAL laboratory at Dandenong, Victoria. The results of this testwork are unavailable at the time of reporting.



Figure 1 – EL2793 Location Plan (not to scale)





1. Introduction

In December 2002, Unimin Australia Limited (UAL) undertook a 31 hole air core drilling programme on Exploration Licence 2793, aimed at defining a silica sand resource suitable for glass and foundry grade applications. The drilling showed the presence of a significant resource of white sand with the potential to complement the existing reserve at the UAL Glenshera silica sand operation.

1.1 Location and Access

Exploration Licence 2793 is centred on the township of Mt. Compass, located approximately 40 km south of metropolitan Adelaide. Mt Compass is situated on the Adelaide-Victor Harbour highway, and much of the EL is accessible via bitumen roads and public access dirt tracks.

1.2 Tenure

EL 2793 was granted on 6th February 2001, for a period of one year. An application has been submitted to PIRSA requesting renewal of the tenement for a further one year period. EL 2793 covers an area of 216 square kilometres.

Glenshera, the existing UAL sand mining and processing facility 3 km west of Mount Compass is located within EL 2793. Glenshera operates under co-located Mining Lease 5327 and Extractive Mining Lease 5465.

EL 2793 was obtained for the purpose of identifying additional resources to ensure continued supply to the plant at Glenshera.

1.3 Previous Work

The Mount Compass area had been recognised for some time as an important sand resource area. Numerous bores have been sunk over the years, with the sand resource potential not systematically tested until relatively recently.

- Drilling was undertaken in the late 1970s/early 1980s, prior to the opening of a number of garden and filling sand pits located within the current EL area.
- Since 1987, large amounts of drilling have been undertaken at Glenshera to define the glass and foundry sand resource on ML5327.
- In late 1997, PIRSA undertook a 64 hole reverse circulation drilling programme within in a radius of 9 km from Mt Compass. Whilst not discovering any construction sand as had been hoped, the drilling identified five areas offering considerable glass sand potential.

1.4 Exploration Rationale

The drilling undertaken by PIRSA and UAL in the past assisted in planning the drilling campaign undertaken on EL2793. Areas showing most promise in defining an additional glass and foundry sand resource had been defined by both parties, and this information was the basis for further work by UAL. The planned programme to the south and west of the current operation was further influenced by operational aspects related to the existing mine, including logistics, mining costs, rehabilitation and landholder issues.

2. Geology

Palaeoproterozoic gneisses of the Myponga Inlier, and Adelaidean/Cambrian sediments occur as the basement rocks to the sand in the EL area. The gneisses outcrop in the centre, whilst the sediments occur on the north western and eastern margins of the EL.

According to Pain, Shaw and Valentine (1999, p.4), fine to medium grained sands of the Cape Jervis Formation were deposited into steeply incised valleys by glacial meltwater as the Permian glaciers retreated to the east at the end of the Permian glaciation. The upper levels of Permian sands were reworked during the Tertiary giving them higher clay and iron contents. Iron capping as a result of lateritisation during the Tertiary are present in places, generally overlying the Tertiary sands.

The Tertiary sand has an average thickness of 5-7m, and typically occurs as an upper zone of yellow, fine, clean sand overlying an orange-red, fine to medium grained, clayey sand. Some holes drilled in the EL exhibited an ironstone layer at about 8-9m below the surface, which may signify the base of the Tertiary layer.

Underlying the Tertiary sand is the Permian sand up to 200m thick, however as mining is restricted to above the water table, much of this resource cannot be utilised. The Permian sand generally ranges in colour from white through yellow to pink, with a low iron content making it suitable for white glass grade and foundry sand products. In some areas, iron oxides moving in groundwater from the Tertiary ironstone outcrops have stained the Permian sand, reducing its quality, and the variety of applications for which it is suited.

3. Drilling

Thirty one aircore holes for a total of 1,269 metres were drilled in December 2001. The holes were drilled in the area to the west and southwest of the current mine, as illustrated in Figure 3. Two holes (MC225 and MC226) were drilled within the area of ML 5273.

Holes were planned for drilling on a nominal 200 metre grid, with final locations modified where necessary to ensure ease of access for the drill rig. In general, holes were drilled to a depth of 42 metres, with some holes terminated early due to impenetrable stony layers or proximity to the water table. All holes were geologically logged and sampled at one metre intervals prior to the samples being composited on the basis of sizing and colour. A total of 209 composite samples (1201701-1201909) were submitted for analysis to the Unimin laboratory in Dandenong, Victoria. Results are pending. A further 1250 one metre samples are stored at UAL Gillman if reanalysis becomes necessary.

3.1 Sample Analysis

The drilling samples are being tested by UAL Laboratories in Dandenong and Braeside, Victoria, for the following quality determinants:

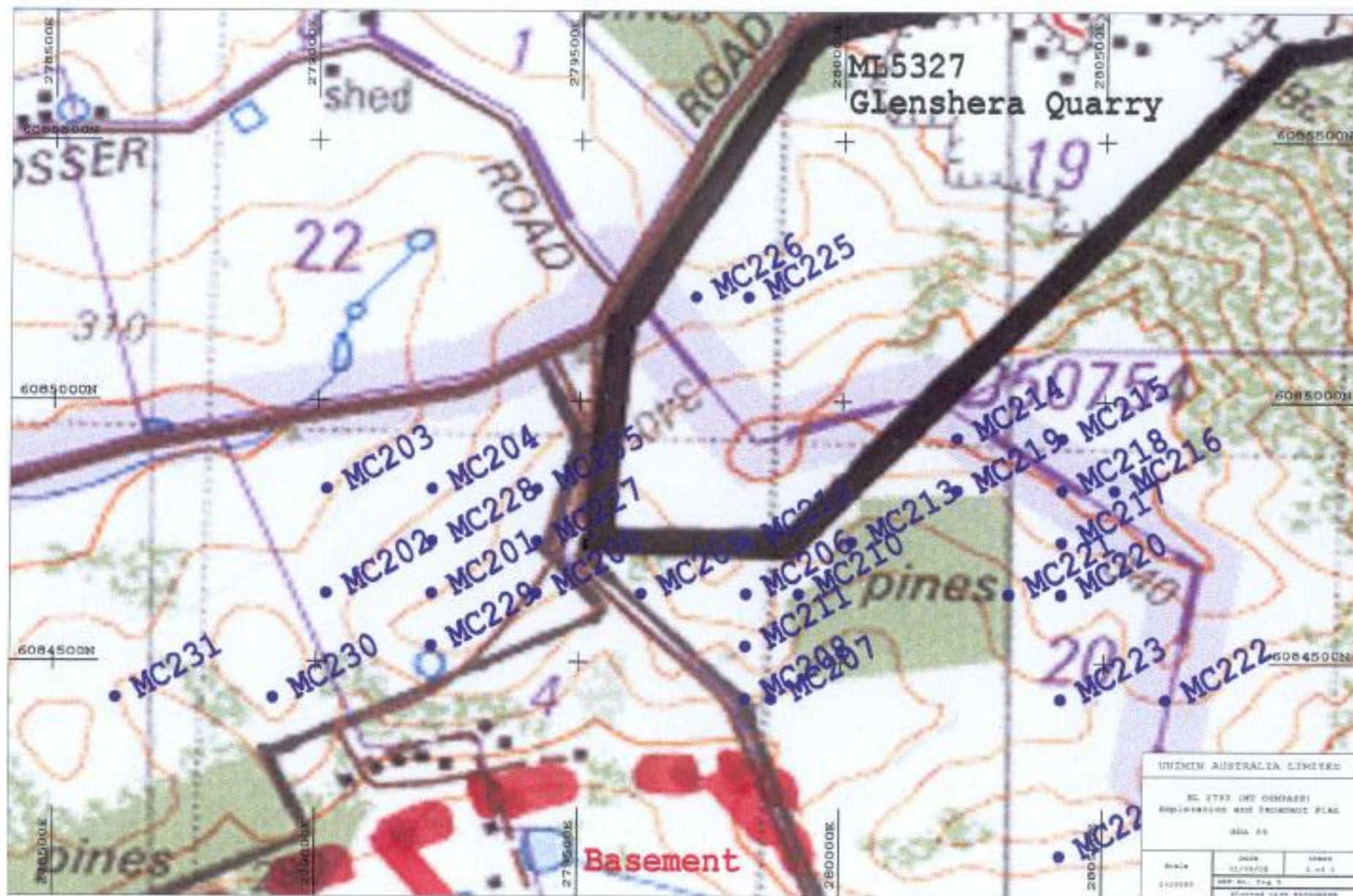
Glass Grade Recovery – The percentage of sand reporting to the +75 to -600 micron range. This is determined by washing and screening the test samples to simulate the operation of the processing plant.

Particle Size Distribution - Determines the size variation within the sand to gauge suitability for various applications.

Heavy Liquid Separation – Determines the heavy mineral content of the sand. Lower percentages are preferred, as they are more easily removed by the processing plant.

XRF - Determines the chemistry of the glass grade sample, after fines (-75 micron), oversize (+600 microns) and heavy minerals have been removed. The oxides particularly of interest are Fe₂O₃, TiO₂, Al₂O₃ and Cr₂O₃.

Refractory Chrome Stone Count (RCSC) – Determines the number of grains in the sample resistant to melting in a glass batch. A high number may preclude the sand from being used in a high quality glass product.



4. Environmental

All drilling undertaken in the period was conducted in cleared paddocks. All drillholes were capped, and all samples and rubbish were removed from the site. No earthmoving was necessary to facilitate access to drill sites resulting in minimal disturbance to the environment.

5. Conclusions

At this stage it appears as though a significant extension to the Glenshera white sand resource is likely. Although laboratory results are still to be received, field observations indicate the presence of significant quantities of white sand suitable for use in the glass and foundry industries. The amber sand content, used for specified customers, remains low however, and further exploration efforts will be made to increase the quantity of this sand type. On receipt of analytical results from the 2001 drilling campaign, a computer based geological model will be generated to enable a sand resource to be estimated.

6. References

- Johnson, P.D. (2000).** Glenshera Sand, ML5327, Geological Report on Drillholes MC122-MC161, Mining Stages 2&3, Johnson Geological Services (unpublished report).
- Martin, R. (2001).** Glenshera Glass and Specialty Sand Mine, South Australia. FiveYear Mine Plan, Unimin Australia Limited (unpublished internal report).
- Pain, A.M., Shaw, R.A. and Valentine, J.T. (1999).** Sand Resources of the Mount Compass Area. Reconnaissance Drilling and Testing. Adelaide: PIRSA.

Bibliographic Data Sheet

| | |
|------------------------|---|
| REPORT NUMBER | TR01/02 |
| TITLE | EL 2793 MOUNT COMPASS ANNUAL TECHNICAL REPORT FOR THE PERIOD 6/2/2001 TO 5/2/2002 |
| AUTHOR | B. BORG |
| DATE | MARCH 2002 |
| PROSPECT NAME | MOUNT COMPASS |
| OWNER/OPERATOR | UNIMIN AUSTRALIA LIMITED |
| KEY WORDS | SILICA SAND TERTIARY PERMIAN FLUVIO-GLACIAL DEPOSITS GLASS GRADE AIR CORE DRILLING |
| COMMODITY | SILICA SAND |
| TECTONIC UNITS | CAPE JERVIS FORMATION ADELAIDEAN / CAMBRIAN SEDIMENTS MYPONGA INLIER |
| 1:250 000 MAP SHEET(S) | ADELAIDE SI54-09 BARKER SI54-13 |
| 1: 50 000 MAP SHEET | WILLUNGA 6627-3 |

Appendix 1

Expenditure Statement

Expenditure Statement

The following costs were incurred on EL 2793 during the reporting period.

Geological Costs

| | |
|---------------------|-----------|
| Contract Geological | \$ 1,900 |
| Laboratory Costs* | \$ 58,520 |

Tenement Costs

| | |
|------------|----------|
| Rent/Rates | \$ 1,107 |
|------------|----------|

Drilling Costs

| | |
|-----------------|-----------|
| Direct Drilling | \$ 19,604 |
| Consumables | \$ 865 |

Logistics Costs

| | |
|---|----------|
| Geological Planning/Supervision/Reporting | \$ 9,600 |
| Field Technical/Survey | \$ 2,781 |
| Freight | \$ 30 |

Administration

| | |
|----------------------|----------|
| Tenement Maintenance | \$ 1,900 |
|----------------------|----------|

| | |
|---------------------------------|------------------------|
| <u>Total Expenditure</u> | <u>\$96,037</u> |
|---------------------------------|------------------------|

*The relatively high laboratory cost is due to the labour intensive sample preparation and testing involved. Each sample takes approximately 8 hours to process at \$35/hour.

Appendix 2

Drill Hole Specifications

DRILL HOLE SPECIFICATIONS

Company: Unimin Australia Limited
Tenement No: EL 2793
Project Name: Mt Compass
Drilling Contractor: Budd Drilling Pty Ltd
Rig Type: DT40-AC, 150psi x 250cfm, top drive Toyota mounted drill rig
Drilling Method: Air Core
Datum: GDA 94

| HOLE | EAST (AMG) | NORTH (AMG) | RL | AZIMUTH | DIP | HOLE DEPTH (M) | DATE |
|-------|---------------|----------------|-----|---------|-----|----------------------|------------|
| MC200 | 279420 | 6084630 | 333 | 0 | -90 | 42 | 27/11/2001 |
| MC201 | 279220 | 6084630 | 320 | 0 | -90 | 42 | 27/11/2001 |
| MC202 | 279020 | 6084630 | 310 | 0 | -90 | 39 | 27/11/2001 |
| MC203 | 279020 | 6084830 | 302 | 0 | -90 | 27 | 27/11/2001 |
| MC204 | 279220 | 6084830 | 311 | 0 | -90 | 39 | 27/11/2001 |
| MC205 | 279420 | 6084830 | 324 | 0 | -90 | 37 | 28/11/2001 |
| MC206 | 279820 | 6084630 | 341 | 0 | -90 | 40 | 28/11/2001 |
| MC207 | 279870 | 6084430 | 321 | 0 | -90 | 42 | 28/11/2001 |
| MC208 | 279820 | 6084430 | 323 | 0 | -90 | 42 | 28/11/2001 |
| MC209 | 279620 | 6084630 | 328 | 0 | -90 | 42 | 28/11/2001 |
| MC210 | 279920 | 6084630 | 336 | 0 | -90 | 42 | 29/11/2001 |
| MC211 | 279820 | 6084530 | 325 | 0 | -90 | 40 | 29/11/2001 |
| MC212 | 279820 | 6084730 | 345 | 0 | -90 | 40 | 29/11/2001 |
| MC213 | 280020 | 6084730 | 335 | 0 | -90 | 42 | 30/11/2001 |
| MC214 | 280220 | 6084930 | 358 | 0 | -90 | 8 | 30/11/2001 |
| MC215 | 280420 | 6084930 | 358 | 0 | -90 | 42 | 30/11/2001 |
| MC216 | 280520 | 6084830 | 356 | 0 | -90 | 42 | 30/11/2001 |
| MC217 | 280420 | 6084730 | 350 | 0 | -90 | 42 | 30/11/2001 |
| MC218 | 280420 | 6084830 | 359 | 0 | -90 | 42 | 30/11/2001 |
| MC219 | 280220 | 6084830 | 345 | 0 | -90 | 42 | 1/12/2001 |
| MC220 | 280420 | 6084630 | 346 | 0 | -90 | 42 | 1/12/2001 |
| MC221 | 280320 | 6084630 | 335 | 0 | -90 | 42 | 1/12/2001 |
| MC222 | 280620 | 6084430 | 330 | 0 | -90 | 42 | 1/12/2001 |
| MC223 | 280420 | 6084430 | 325 | 0 | -90 | 42 | 1/12/2001 |
| MC224 | 280420 | 6084130 | 330 | 0 | -90 | 42 | 1/12/2001 |
| MC225 | 279820 | 6085200 | 325 | 0 | -90 | 42 | 1/12/2001 |
| MC226 | 279720 | 6085200 | 325 | 0 | -90 | 42 | 2/12/2001 |
| MC227 | 279420 | 6084730 | 330 | 0 | -90 | 42 | 2/12/2001 |
| MC228 | 279220 | 6084730 | 320 | 0 | -90 | 42 | 2/12/2001 |
| MC229 | 279220 | 6084530 | 330 | 0 | -90 | 42 | 2/12/2001 |
| MC230 | 278920 | 6084430 | 320 | 0 | -90 | 30 | 2/12/2001 |
| MC231 | 278620 | 6084430 | 315 | 0 | -90 | 42 | 2/12/2001 |

Appendix 3

Drilling Geological Logs

LEGEND

Colour

or = orange
pk = pink
wt = white
lt = light
dk = dark
br = brown
rd = red
sal = salmon
bone = bone
brt = bright
apr = apricot
off wt = off white
clt = claret
must = mustard
yw = yellow
gy = grey
bl = blue
gn = green

Sizing

F = fine
M = medium
C = coarse
FFM = very fine/medium
FM = fine/medium
FMc = fine/medium/minor coarse
FMC = fine/medium/coarse
FMC+ = fine/medium/major coarse

Description

qtz = quartz
Fe = iron
sl = slightly
WT = water table

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|---|
| MC200 | 0 | 1 | sand | or | FMC | clayey sand |
| MC200 | 1 | 2 | sand | or | FM | clayey sand with clay lumps |
| MC200 | 2 | 3 | sand | or | FM | clayey sand |
| MC200 | 3 | 4 | sand | or | FM | clayey sand with tan pebbles |
| MC200 | 4 | 5 | sand | or/pk | FMC | clayey sand |
| MC200 | 5 | 6 | sand | or/pk | FM | clayey sand |
| MC200 | 6 | 7 | sand | or/pk/wt | FM | clayey sand |
| MC200 | 7 | 8 | sand | lt or | FM | clayey sand |
| MC200 | 8 | 9 | sand | dk or | FFM | clayey sand |
| MC200 | 9 | 10 | sand | dk or | FM | clayey sand |
| MC200 | 10 | 11 | sand | or | FM | clayey sand |
| MC200 | 11 | 12 | sand | or/pk | FM | clayey sand |
| MC200 | 12 | 13 | sand | or/pk | FM | clayey sand |
| MC200 | 13 | 14 | sand | pk | FM | sl.clayey sand |
| MC200 | 14 | 15 | sand | pk | FMc | clayey sand |
| MC200 | 15 | 16 | sand | lt pk/br | FMc | clayey sand with gravel |
| MC200 | 16 | 17 | sand | lt pk/br | FMc | clayey sand |
| MC200 | 17 | 18 | sand | pk | FMc | clayey sand with qtz pebbles and clay nodules |
| MC200 | 18 | 19 | sand | lt pk | FM | very clayey sand |
| MC200 | 19 | 20 | sand | lt pk | FM | clayey sand |
| MC200 | 20 | 21 | sand | br/pk | FMc | clayey sand |
| MC200 | 21 | 22 | sand | br/pk | FMc | clayey sand |
| MC200 | 22 | 23 | sand | br/pk | FMc | clayey sand |
| MC200 | 23 | 24 | sand | br/pk | FM | clayey sand |
| MC200 | 24 | 25 | sand | br/pk | FM | clayey sand |
| MC200 | 25 | 26 | sand | dk pk | FMC | clayey sand with qtz pebbles |
| MC200 | 26 | 27 | sand | dk pk | FMC | clayey sand |
| MC200 | 27 | 28 | sand | pk | FMc | clayey sand |
| MC200 | 28 | 29 | sand | pk | FM | silty sand |
| MC200 | 29 | 30 | sand | pk | FM | silty sand |
| MC200 | 30 | 31 | sand | pk | FMc | clayey sand |
| MC200 | 31 | 32 | sand | pk | FMc | clayey sand |
| MC200 | 32 | 33 | sand | pk | FMc | clayey sand |
| MC200 | 33 | 34 | sand | pk | FMc | clayey sand |
| MC200 | 34 | 35 | sand | pk/br | FM | silty sand |
| MC200 | 35 | 36 | sand | pk | FMc | clayey sand |
| MC200 | 36 | 37 | sand | br/pk | FMc | clayey sand |
| MC200 | 37 | 38 | sand | br/pk | FM | silty sand |
| MC200 | 38 | 39 | sand | br/pk | FM | silty sand |
| MC200 | 39 | 40 | sand | br/pk | FMc | clayey sand |
| MC200 | 40 | 41 | sand | br | FMc | clayey sand |
| MC200 | 41 | 42 | sand | br | FMc | clayey sand |
| MC201 | 0 | 1 | clay | br/or | F | clay with gravel fragments |
| MC201 | 1 | 2 | sand | or | FMC | clayey sand with gravel fragments |
| MC201 | 2 | 3 | sand | or | FMC | clayey sand with white clay lumps and pebbles |
| MC201 | 3 | 4 | sand | or | FMC | clayey sand |
| MC201 | 4 | 5 | sand | or | FMc | clayey sand |
| MC201 | 5 | 6 | sand | or | FM | clayey sand |
| MC201 | 6 | 7 | sand | pk/sal | FMc | clayey sand with white clay lumps |
| MC201 | 7 | 8 | sand | pk/sal | FMc | clayey sand |
| MC201 | 8 | 9 | sand | pk/sal | FMc | clayey sand |
| MC201 | 9 | 10 | sand | pk/sal | FMc | clayey sand |
| MC201 | 10 | 11 | sand | pk/sal | FM | clayey sand |
| MC201 | 11 | 12 | sand | pk/sal | FM | clayey sand |
| MC201 | 12 | 13 | sand | pk/sal | FM | clayey sand |
| MC201 | 13 | 14 | sand | pk/br | FMc | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|------------|------|--|
| MC201 | 14 | 15 | sand | pk/br | FM | v. clayey sand |
| MC201 | 15 | 16 | sand | br/pk | FM | v. clayey sand |
| MC201 | 16 | 17 | sand | br/pk | FM | v. clayey sand |
| MC201 | 17 | 18 | sand | bone | FM | clayey sand with clay lumps |
| MC201 | 18 | 19 | sand | bone | FM | clayey sand |
| MC201 | 19 | 20 | sand | bone | FM | silty sand with stone fragments |
| MC201 | 20 | 21 | sand | br/pk | FM | clayey sand |
| MC201 | 21 | 22 | sand | br/pk | FM | clayey sand |
| MC201 | 22 | 23 | sand | br/pk | FM | clayey sand |
| MC201 | 23 | 24 | sand | br | FM | clayey sand with stone fragments |
| MC201 | 24 | 25 | sand | br/pk | FM | clayey sand |
| MC201 | 25 | 26 | sand | pk | FM | clayey sand |
| MC201 | 26 | 27 | sand | br/pk | FM | clayey sand |
| MC201 | 27 | 28 | sand | pk | FM | clayey sand with hard clay lumps |
| MC201 | 28 | 29 | sand | dk pk | FM | clayey sand |
| MC201 | 29 | 30 | sand | dk pk | FM | clayey sand |
| MC201 | 30 | 31 | sand | pk | FMc | clayey sand |
| MC201 | 31 | 32 | sand | pk/br | FMc | clayey sand |
| MC201 | 32 | 33 | sand | pk/br | FMc | clayey sand with stone fragments and pebbles |
| MC201 | 33 | 34 | sand | pk/br | FMc | clayey sand |
| MC201 | 34 | 35 | sand | pk | FM | clayey sand |
| MC201 | 35 | 36 | sand | pk | FM | clayey sand |
| MC201 | 36 | 37 | sand | pk | FM | clayey sand |
| MC201 | 37 | 38 | sand | pk | FM | clayey sand |
| MC201 | 38 | 39 | sand | dk pk | FM | clayey sand with clay lumps |
| MC201 | 39 | 40 | sand | dk pk | FM | clayey sand |
| MC201 | 40 | 41 | sand | dk pk | FM | v. clayey sand with stone fragments |
| MC201 | 41 | 42 | sand | dk pk | FM | clayey sand |
| MC202 | 0 | 1 | clay | br | FM | sandy clay with lumps |
| MC202 | 1 | 2 | clay | br | FM | sandy clay with lumps |
| MC202 | 2 | 3 | sand | rd/or | FM | clayey sand with clay lumps |
| MC202 | 3 | 4 | sand | rd/or | FM | clayey sand with clay lumps |
| MC202 | 4 | 5 | sand | or | FM | clayey sand with clay lumps |
| MC202 | 5 | 6 | sand | or/bone | FM | clayey sand with gravel layer @6m |
| MC202 | 6 | 7 | sand | sal | FM | clayey sand with some clay lumps |
| MC202 | 7 | 8 | sand | brt or/apr | FFM | clayey sand |
| MC202 | 8 | 9 | sand | brt or/apr | FMc | clayey sand |
| MC202 | 9 | 10 | sand | or/pk | FM | clayey sand |
| MC202 | 10 | 11 | sand | or/pk | FM | clayey sand |
| MC202 | 11 | 12 | sand | dk or/pk | FM | silty sand |
| MC202 | 12 | 13 | sand | pk/br | FM | v. clayey sand |
| MC202 | 13 | 14 | sand | pk/br | FM | clayey sand |
| MC202 | 14 | 15 | sand | pk/br | FM | clayey sand with minor white clay lumps |
| MC202 | 15 | 16 | sand | lt pk/br | FFM | clayey sand |
| MC202 | 16 | 17 | sand | pk/br | FM | clayey sand |
| MC202 | 17 | 18 | sand | dk pk/br | FM | clayey sand |
| MC202 | 18 | 19 | sand | pk | FM | clayey sand |
| MC202 | 19 | 20 | sand | pk | FM | clayey sand with clay lumps |
| MC202 | 20 | 21 | sand | pk/br | FM | clayey sand with rock fragments |
| MC202 | 21 | 22 | sand | pk/br | FM | clayey sand |
| MC202 | 22 | 23 | sand | pk/br | FM | clayey sand with minor pebbles |
| MC202 | 23 | 24 | sand | dk pk/br | FM | silty sand |
| MC202 | 24 | 25 | sand | lt sal/br | FMM | clayey sand with minor clay lumps |
| MC202 | 25 | 26 | sand | lt sal/br | FM | clayey sand |
| MC202 | 26 | 27 | sand | lt sal/br | FM | clayey sand |
| MC202 | 27 | 28 | sand | dk pk/br | FM | v. clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|-----------|------|---|
| MC202 | 28 | 29 | sand | dk pk/br | FM | clayey sand |
| MC202 | 29 | 30 | sand | dk pk/br | FM | clayey sand |
| MC202 | 30 | 31 | sand | dk pk/rd | FMM | clayey sand |
| MC202 | 31 | 32 | sand | dk pk/br | FMM | clayey sand |
| MC202 | 32 | 33 | sand | dk pk/br | FMM | clayey sand |
| MC202 | 33 | 34 | sand | dk pk/br | FMM | v. clayey sand |
| MC202 | 34 | 35 | sand | dk pk/br | FM | clayey sand |
| MC202 | 35 | 36 | sand | dk pk/br | FM | clayey sand |
| MC202 | 36 | 37 | sand | dk pk/br | FM | silty sand, wet WATER TABLE |
| MC202 | 37 | 38 | sand | dk pk/br | FM | silty sand, wet WATER TABLE |
| MC202 | 38 | 39 | sand | dk pk/br | FM | silty sand, wet WATER TABLE |
| MC203 | 0 | 1 | clay | br/or | F | sandy clay |
| MC203 | 1 | 2 | clay | br/or | F | sandy clay |
| MC203 | 2 | 3 | sand | br/or | FM | clayey sand |
| MC203 | 3 | 4 | sand | br/or | FM | clayey sand |
| MC203 | 4 | 5 | sand | br/or | FM | clayey sand |
| MC203 | 5 | 6 | sand | br/pk | FM | clayey sand |
| MC203 | 6 | 7 | sand | br/pk | FM | clayey sand with clay lumps |
| MC203 | 7 | 8 | sand | dk pk | FM | clayey sand with dk clay lumps |
| MC203 | 8 | 9 | sand | dk pk | FM | clayey sand |
| MC203 | 9 | 10 | sand | brt rd/pk | FM | clayey sand with clay lumps |
| MC203 | 10 | 11 | sand | brt rd/pk | FM | clayey sand with clay lumps |
| MC203 | 11 | 12 | sand | brt rd/pk | FM | clayey sand |
| MC203 | 12 | 13 | sand | brt rd/pk | FM | clayey sand |
| MC203 | 13 | 14 | sand | brt rd/pk | FM | clayey sand |
| MC203 | 14 | 15 | sand | pk/br | FM | clayey sand |
| MC203 | 15 | 16 | sand | pk/br | FM | clayey sand |
| MC203 | 16 | 17 | sand | pk/br | FM | clayey sand |
| MC203 | 17 | 18 | sand | pk/br | FM | clayey sand |
| MC203 | 18 | 19 | sand | pk/br | FM | clayey sand |
| MC203 | 19 | 20 | sand | pk/br | FM | clayey sand |
| MC203 | 20 | 21 | sand | pk/br | FM | clayey sand |
| MC203 | 21 | 22 | sand | pk/br | FM | clayey sand |
| MC203 | 22 | 23 | sand | pk/br | FM | clayey sand |
| MC203 | 23 | 24 | sand | pk/br | FM | clayey sand |
| MC203 | 24 | 25 | sand | pk/br | FM | clayey sand |
| MC203 | 25 | 26 | sand | pk/br | FM | clayey sand |
| MC203 | 26 | 27 | sand | pk/br | FM | clayey sand |
| MC203 | 27 | 28 | sand | pk/br | FM | clayey sand, wet, WATER TABLE |
| MC203 | 28 | 29 | sand | pk/br | FM | clayey sand, wet, WATER TABLE |
| MC203 | 29 | 30 | sand | pk/br | FM | clayey sand, wet, WATER TABLE |
| MC203 | 30 | 31 | sand | pk/br | FM | clayey sand, wet, WATER TABLE with stones |
| MC203 | 31 | 32 | sand | pk/br | FM | clayey sand, wet, WATER TABLE |
| MC203 | 32 | 33 | sand | pk/br | FM | clayey sand, wet, WATER TABLE with clay lumps |
| MC204 | 0 | 1 | clay | br | F | sandy clay with small stones |
| MC204 | 1 | 2 | clay | br/or | F | sandy clay with clay lumps |
| MC204 | 2 | 3 | sand | or | FM | clayey sand |
| MC204 | 3 | 4 | sand | or | FM | clayey sand with hard Fe stones |
| MC204 | 4 | 5 | sand | rd/or | FFM | clayey sand with clay lumps and Fe stones |
| MC204 | 5 | 6 | sand | rd/or | FFM | clayey sand with clay lumps and Fe stones |
| MC204 | 6 | 7 | sand | or/pk | FMc | clayey sand with gravel |
| MC204 | 7 | 8 | sand | pk/or | FM | clayey sand |
| MC204 | 8 | 9 | sand | pk/or | FM | clayey sand with Fe stone |
| MC204 | 9 | 10 | sand | pk/or | FM | clayey sand |
| MC204 | 10 | 11 | sand | pk/or | FM | clayey sand with stones |
| MC204 | 11 | 12 | sand | pk/or | FM | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|-------------|------|---|
| MC204 | 12 | 13 | sand | dk pk/or | FM | clayey sand |
| MC204 | 13 | 14 | sand | dk pk/or | FM | clayey sand |
| MC204 | 14 | 15 | sand | pk | FM | clayey sand |
| MC204 | 15 | 16 | sand | dk pk/rd | FM | clayey sand |
| MC204 | 16 | 17 | sand | pk | FM | clayey sand |
| MC204 | 17 | 18 | sand | pk | FM | clayey sand |
| MC204 | 18 | 19 | sand | lt pk | FM | clayey sand |
| MC204 | 19 | 20 | sand | lt pk/bone | FM | silty sand |
| MC204 | 20 | 21 | sand | off wt | FM | clayey sand |
| MC204 | 21 | 22 | sand | off wt | FM | silty sand |
| MC204 | 22 | 23 | sand | off wt | FM | clayey sand |
| MC204 | 23 | 24 | sand | off wt | FMM | clayey sand |
| MC204 | 24 | 25 | sand | bone | FM | clayey/silty sand |
| MC204 | 25 | 26 | sand | bone | FM | clayey/silty sand |
| MC204 | 26 | 27 | sand | bone/pk | FM | clayey sand |
| MC204 | 27 | 28 | sand | bone/pk | FM | v. clayey sand |
| MC204 | 28 | 29 | sand | bone/pk | FM | clayey sand |
| MC204 | 29 | 30 | sand | bone/pk | FM | clayey sand |
| MC204 | 30 | 31 | sand | off wt | FM | clayey sand |
| MC204 | 31 | 32 | sand | off wt | FMM | clayey sand |
| MC204 | 32 | 33 | sand | off wt | FMM | clayey sand |
| MC204 | 33 | 34 | sand | off wt | FMM | clayey sand |
| MC204 | 34 | 35 | sand | off wt | FMM | clayey sand |
| MC204 | 35 | 36 | sand | off wt | FMM | clayey sand with gravel and qtz pebbles, WT |
| MC204 | 36 | 37 | sand | off wt | FMC | clayey sand with gravel, WATER TABLE |
| MC204 | 37 | 38 | sand | off wt/bone | FMC | clayey sand with gravel, WATER TABLE |
| MC204 | 38 | 39 | sand | off wt/bone | FMC | clayey sand with gravel, WATER TABLE |
| MC205 | 0 | 1 | sand | br/or | FM | clayey sand |
| MC205 | 1 | 2 | sand | br/or | FM | clayey sand with clay lumps |
| MC205 | 2 | 3 | sand | br/or | FM | clayey sand with clay lumps |
| MC205 | 3 | 4 | sand | br/pk | FM | clayey sand with minor clay lumps |
| MC205 | 4 | 5 | sand | br/pk | FM | clayey sand |
| MC205 | 5 | 6 | sand | br/or | FM | clayey sand |
| MC205 | 6 | 7 | sand | br/pk | F | clayey sand |
| MC205 | 7 | 8 | sand | br/pk | F | clayey sand |
| MC205 | 8 | 9 | sand | dk pk | F | clayey sand |
| MC205 | 9 | 10 | sand | lt pk | F | clayey sand |
| MC205 | 10 | 11 | sand | lt pk | F | clayey sand |
| MC205 | 11 | 12 | sand | pk | FM | clayey sand |
| MC205 | 12 | 13 | sand | dk pk | FM | clayey sand |
| MC205 | 13 | 14 | sand | dk pk | FMc | clayey sand |
| MC205 | 14 | 15 | sand | pk | Mc | clayey sand |
| MC205 | 15 | 16 | sand | lt pk | FMC | clayey sand |
| MC205 | 16 | 17 | sand | lt pk | FMC | clayey sand with gravel |
| MC205 | 17 | 18 | sand | lt pk | FMC | clayey sand with gravel |
| MC205 | 18 | 19 | sand | lt pk | FMC | clayey sand with Fe stones |
| MC205 | 19 | 20 | sand | pk | FMC | clayey sand with gravel |
| MC205 | 20 | 21 | sand | lt pk | FMC | clayey sand |
| MC205 | 21 | 22 | sand | pk/bone | FMC | clayey sand with lots gravel |
| MC205 | 22 | 23 | sand | pk/bone | FMC | clayey sand |
| MC205 | 23 | 24 | sand | pk/bone | FM | clayey sand |
| MC205 | 24 | 25 | sand | pk/bone | FM | clayey sand |
| MC205 | 25 | 26 | sand | pk/bone | FM | clayey sand with clay lumps |
| MC205 | 26 | 27 | sand | pk/br | FM | clayey sand |
| MC205 | 27 | 28 | sand | pk/br | FMc | clayey sand |
| MC205 | 28 | 29 | sand | pk/br | FMc | clayey sand with clay lumps |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|---|
| MC205 | 29 | 30 | sand | pk/br | FMc | clayey sand with clay lumps |
| MC205 | 30 | 31 | sand | pk/br | FMc | clayey sand with gravel |
| MC205 | 31 | 32 | sand | dk pk/br | FM | clayey sand |
| MC205 | 32 | 33 | sand | bone/pk | FMc | clayey sand |
| MC205 | 33 | 34 | sand | bone/pk | FMc | clayey sand with large stones |
| MC205 | 34 | 35 | sand | pk | FM | clayey sand |
| MC205 | 35 | 36 | sand | pk | FM | clayey sand |
| MC205 | 36 | 37 | sand | pk | FMc | clayey sand, WATER TABLE |
| MC206 | 0 | 1 | clay | or/br | F | clay with hard lumps |
| MC206 | 1 | 2 | clay | or/br | F | clay with hard lumps |
| MC206 | 2 | 3 | clay | dk br/rd | F | clay with hard lumps |
| MC206 | 3 | 4 | clay | dk rd/br | F | clay with hard lumps |
| MC206 | 4 | 5 | clay | br/or | F | clay with wt/rd/gy layered lumps |
| MC206 | 5 | 6 | clay | br/or | F | clay with wt/rd/gy layered lumps |
| MC206 | 6 | 7 | sand | or/rd | FM | clayey sand with clay lumps |
| MC206 | 7 | 8 | sand | rd/or | FM | clayey sand with stones and clay lumps |
| MC206 | 8 | 9 | sand | rd/or | FM | clayey sand with stones and clay lumps |
| MC206 | 9 | 10 | sand | rd/or | FM | clayey sand with sandstone layer @ 9.8m |
| MC206 | 10 | 11 | sand | rd/br | FM | clayey sand with stones |
| MC206 | 11 | 12 | sand | pk/br | FM | clayey sand with clay lumps |
| MC206 | 12 | 13 | sand | pk/br | FM | clayey sand with stones and qtz pebbles |
| MC206 | 13 | 14 | sand | lt pk/br | FM | clayey sand |
| MC206 | 14 | 15 | sand | br/or | FM | silty sand with stones |
| MC206 | 15 | 16 | sand | pk/br | FM | clayey sand |
| MC206 | 16 | 17 | sand | sal | FM | clayey sand |
| MC206 | 17 | 18 | sand | sal | FM | clayey sand with stones |
| MC206 | 18 | 19 | sand | dk sal | FM | clayey sand |
| MC206 | 19 | 20 | sand | dk sal | FFM | clayey sand |
| MC206 | 20 | 21 | sand | dk sal | FFM | clayey sand |
| MC206 | 21 | 22 | sand | dk sal | FFM | clayey sand |
| MC206 | 22 | 23 | sand | dk sal | FM | clayey sand |
| MC206 | 23 | 24 | sand | dk sal | FM | clayey sand |
| MC206 | 24 | 25 | sand | dk sal | FM | clayey sand with stones |
| MC206 | 25 | 26 | sand | dk sal | FM | clayey sand with stones |
| MC206 | 26 | 27 | sand | pk/br | FM | clayey sand with stones |
| MC206 | 27 | 28 | sand | br/pk | FM | silty sand with stones |
| MC206 | 28 | 29 | sand | pk/br | FM | clayey sand |
| MC206 | 29 | 30 | sand | pk/br | FMc | clayey sand |
| MC206 | 30 | 31 | sand | br/pk | FM | clayey sand |
| MC206 | 31 | 32 | sand | br/pk | FM | clayey sand with stones |
| MC206 | 32 | 33 | sand | br/pk | FM | clayey sand |
| MC206 | 33 | 34 | sand | br/pk | FM | clayey sand |
| MC206 | 34 | 35 | sand | br/pk | FM | clayey sand |
| MC206 | 35 | 36 | sand | br/pk | FMC | clayey sand |
| MC206 | 36 | 37 | sand | br | FM | v.clayey sand with large pebbles |
| MC206 | 37 | 38 | sand | br/pk | FMC | clayey sand with few pebbles/stones |
| MC206 | 38 | 39 | sand | br | FMc | clayey sand |
| MC206 | 39 | 40 | sand | br/pk | FMc | clayey sand |
| MC207 | 0 | 1 | clay | br | F | clay with stoney layer |
| MC207 | 1 | 2 | sand | br/or | FM | clayey sand |
| MC207 | 2 | 3 | sand | br | FM | clayey sand with wt clay lumps |
| MC207 | 3 | 4 | sand | br/rd | FM | clayey sand |
| MC207 | 4 | 5 | sand | br/or | FFM | clayey sand |
| MC207 | 5 | 6 | sand | br/or | FFM | clayey sand |
| MC207 | 6 | 7 | sand | pk | FM | clayey sand |
| MC207 | 7 | 8 | sand | pk | FM | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|--|
| MC207 | 8 | 9 | sand | pk | FM | clayey sand |
| MC207 | 9 | 10 | sand | pk | FM | clayey sand |
| MC207 | 10 | 11 | sand | pk | FFM | clayey sand |
| MC207 | 11 | 12 | sand | pk | FFM | clayey sand |
| MC207 | 12 | 13 | sand | pk | FFM | clayey sand |
| MC207 | 13 | 14 | sand | br/or | FFM | clayey sand |
| MC207 | 14 | 15 | sand | br/or | FM | clayey sand |
| MC207 | 15 | 16 | sand | pk/br | FM | clayey sand |
| MC207 | 16 | 17 | sand | pk/br | FM | clayey sand |
| MC207 | 17 | 18 | sand | pk/br | FM | clayey sand |
| MC207 | 18 | 19 | sand | lt pk/br | FM | clayey sand |
| MC207 | 19 | 20 | sand | lt pk/br | FM | clayey sand |
| MC207 | 20 | 21 | sand | pk | FM | clayey sand |
| MC207 | 21 | 22 | sand | pk/br | FM | clayey sand |
| MC207 | 22 | 23 | sand | pk/br | FFM | silty sand |
| MC207 | 23 | 24 | sand | pk/br | FM | clayey sand |
| MC207 | 24 | 25 | sand | pk/br | FM | clayey sand |
| MC207 | 25 | 26 | sand | pk/br | FMc | clayey sand with stones |
| MC207 | 26 | 27 | sand | pk/br | FMC | clayey sand with stones |
| MC207 | 27 | 28 | sand | br | FMC | clayey sand with stones |
| MC207 | 28 | 29 | sand | pk/br | FMC | clayey sand with stones |
| MC207 | 29 | 30 | sand | pk/br | FMC | clayey sand with stones |
| MC207 | 30 | 31 | sand | pk | FMC | clayey sand with stones |
| MC207 | 31 | 32 | sand | pk/br | FMC | clayey sand |
| MC207 | 32 | 33 | sand | pk/br | FMC | clayey sand |
| MC207 | 33 | 34 | sand | pk/br | FMC | clayey sand |
| MC207 | 34 | 35 | sand | pk/br | FMC | clayey sand |
| MC207 | 35 | 36 | sand | pk/br | FMC | clayey sand |
| MC207 | 36 | 37 | sand | pk/br | FM | clayey sand with stones |
| MC207 | 37 | 38 | sand | pk/br | FM | clayey sand with stones and clay lumps |
| MC207 | 38 | 39 | sand | pk/br | FM | clayey sand |
| MC207 | 39 | 40 | sand | pk/br | FMC | clayey sand |
| MC207 | 40 | 41 | sand | pk/br | FMC | clayey sand |
| MC207 | 41 | 42 | sand | pk/br | FMC | clayey sand |
| MC208 | 0 | 1 | sand | dk br | FM | clayey sand with clay lumps and stones |
| MC208 | 1 | 2 | sand | br/or | FFM | silty sand |
| MC208 | 2 | 3 | sand | br/or | FM | clayey sand |
| MC208 | 3 | 4 | sand | br/or | FM | clayey sand |
| MC208 | 4 | 5 | sand | br/or | FM | clayey sand |
| MC208 | 5 | 6 | sand | pk/br | FM | clayey sand |
| MC208 | 6 | 7 | sand | pk/br | FM | clayey sand |
| MC208 | 7 | 8 | sand | pk | FM | clayey sand |
| MC208 | 8 | 9 | sand | pk | FM | clayey sand |
| MC208 | 9 | 10 | sand | pk | FMc | clayey sand |
| MC208 | 10 | 11 | sand | pk | FMc | clayey sand |
| MC208 | 11 | 12 | sand | pk/br | FM | clayey sand with stones |
| MC208 | 12 | 13 | sand | pk/br | FM | clayey sand with stones |
| MC208 | 13 | 14 | sand | pk/br | FM | clayey sand |
| MC208 | 14 | 15 | sand | pk/br | FM | clayey sand |
| MC208 | 15 | 16 | sand | pk/br | FM | clayey sand |
| MC208 | 16 | 17 | sand | dk pk | FMc | clayey sand |
| MC208 | 17 | 18 | sand | dk pk | FMc | clayey sand |
| MC208 | 18 | 19 | sand | dk pk | FMc | clayey sand |
| MC208 | 19 | 20 | sand | dk pk | FMc | clayey sand |
| MC208 | 20 | 21 | sand | dk pk | FMc | clayey/silty sand |
| MC208 | 21 | 22 | sand | pk/br | FMc | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|--------|------|---|
| MC208 | 22 | 23 | sand | pk/br | FMc | clayey sand with stones |
| MC208 | 23 | 24 | sand | br/pk | FMc | clayey sand |
| MC208 | 24 | 25 | sand | br/pk | FMc | clayey sand |
| MC208 | 25 | 26 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 26 | 27 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 27 | 28 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 28 | 29 | sand | br/pk | FM | clayey sand with large clay lumps |
| MC208 | 29 | 30 | sand | br/pk | FM | clayey sand with clay lumps |
| MC208 | 30 | 31 | sand | br/pk | FM | clayey sand with clay lumps |
| MC208 | 31 | 32 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 32 | 33 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 33 | 34 | sand | br/pk | FMc | clayey sand with clay lumps and stones |
| MC208 | 34 | 35 | sand | br/pk | FMc | clayey sand |
| MC208 | 35 | 36 | sand | br/pk | FMc | clayey sand |
| MC208 | 36 | 37 | sand | pk/br | FMc | clayey sand |
| MC208 | 37 | 38 | sand | pk/br | FMc | clayey sand |
| MC208 | 38 | 39 | sand | pk/br | FMc | clayey sand |
| MC208 | 39 | 40 | sand | pk/br | FMc | clayey sand |
| MC208 | 40 | 41 | sand | pk/br | FMc | clayey sand |
| MC208 | 41 | 42 | sand | pk/br | FMc | clayey sand |
| MC209 | 0 | 1 | sand | br | FM | v.clayey sand |
| MC209 | 1 | 2 | sand | br | FM | v.clayey sand |
| MC209 | 2 | 3 | sand | br | FM | v.clayey sand |
| MC209 | 3 | 4 | sand | br | FM | v.clayey sand with stones |
| MC209 | 4 | 5 | sand | rd/br | FM | clayey sand |
| MC209 | 5 | 6 | sand | rd/br | FM | clayey sand |
| MC209 | 6 | 7 | sand | rd/br | FM | clayey sand with stones |
| MC209 | 7 | 8 | sand | rd/br | FMC | clayey sand with stones |
| MC209 | 8 | 9 | sand | dk pk | FMc | clayey sand with stones |
| MC209 | 9 | 10 | sand | pk | FM | clayey sand |
| MC209 | 10 | 11 | sand | pk | FMc | clayey sand |
| MC209 | 11 | 12 | sand | pk | FM | clayey sand |
| MC209 | 12 | 13 | sand | pk/br | FMC | clayey sand |
| MC209 | 13 | 14 | sand | pk/br | FMC | clayey sand |
| MC209 | 14 | 15 | sand | pk/br | FMC | clayey sand with stones |
| MC209 | 15 | 16 | sand | pk/br | FMC | clayey sand |
| MC209 | 16 | 17 | sand | pk | FMc | clayey sand |
| MC209 | 17 | 18 | sand | pk | FMc | clayey sand |
| MC209 | 18 | 19 | sand | pk/br | FMC | clayey sand with stones |
| MC209 | 19 | 20 | sand | pk/br | FMC | clayey sand |
| MC209 | 20 | 21 | sand | br/or | FMC | clayey sand |
| MC209 | 21 | 22 | sand | pk/br | FMC | clayey sand |
| MC209 | 22 | 23 | sand | pk/br | FMC | clayey sand with stones |
| MC209 | 23 | 24 | sand | pk/or | FMC | clayey sand with stones |
| MC209 | 24 | 25 | sand | pk/or | FMC | clayey sand |
| MC209 | 25 | 26 | sand | pk/or | FMC | clayey sand |
| MC209 | 26 | 27 | sand | pk/or | FM | clayey sand with large stones |
| MC209 | 27 | 28 | sand | lt pk | FMC | clayey sand with large stones - STONY LAYER |
| MC209 | 28 | 29 | sand | pk | FMC | clayey sand |
| MC209 | 29 | 30 | sand | pk | FMC | clayey sand |
| MC209 | 30 | 31 | sand | pk | FMc | clayey sand |
| MC209 | 31 | 32 | sand | pk | FMc | clayey sand |
| MC209 | 32 | 33 | sand | pk | FMc | clayey sand |
| MC209 | 33 | 34 | sand | pk | FMc | clayey sand |
| MC209 | 34 | 35 | sand | pk | FMc | clayey sand |
| MC209 | 35 | 36 | sand | pk | FMc | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|---------|------|---|
| MC209 | 36 | 37 | sand | pk | FMc | clayey sand |
| MC209 | 37 | 38 | sand | pk | FM | clayey sand |
| MC209 | 38 | 39 | sand | pk/or | FMc | clayey sand |
| MC209 | 39 | 40 | sand | pk/or | FMc | clayey sand |
| MC209 | 40 | 41 | sand | pk/or | FMc | clayey sand |
| MC209 | 41 | 42 | sand | pk/or | FMc | clayey sand |
| MC210 | 0 | 1 | sand | br/or | FM | clayey sand with large stones |
| MC210 | 1 | 2 | sand | or | FM | clayey sand with clay lumps/ large stones |
| MC210 | 2 | 3 | sand | pk/or | FMc | clayey sand |
| MC210 | 3 | 4 | sand | or/br | FMc | clayey sand |
| MC210 | 4 | 5 | sand | or/br | FMc | clayey sand with stones |
| MC210 | 5 | 6 | sand | or/br | FMc | clayey sand |
| MC210 | 6 | 7 | sand | pk | FMc | sl.clayey sand with stones/clay lumps |
| MC210 | 7 | 8 | sand | or/pk | FFM | sl.clayey sand |
| MC210 | 8 | 9 | sand | or/pk | FFM | sl.clayey sand with stones |
| MC210 | 9 | 10 | sand | bone | FFM | sl.clayey sand |
| MC210 | 10 | 11 | sand | bone | FFM | sl.clayey sand |
| MC210 | 11 | 12 | sand | bone | FM | sl.clayey sand |
| MC210 | 12 | 13 | sand | bone | FM | sl.clayey sand |
| MC210 | 13 | 14 | sand | bone | FM | sl.clayey sand |
| MC210 | 14 | 15 | sand | bone | FM | sl.clayey sand |
| MC210 | 15 | 16 | sand | bone/pk | FMc | sl.clayey sand |
| MC210 | 16 | 17 | sand | pk | FMc | sl.clayey sand |
| MC210 | 17 | 18 | sand | pk | FMc | sl.clayey sand |
| MC210 | 18 | 19 | sand | pk | FMc | sl.clayey sand |
| MC210 | 19 | 20 | sand | pk | FMc | sl.clayey sand |
| MC210 | 20 | 21 | sand | pk | FMc | sl.clayey sand |
| MC210 | 21 | 22 | sand | pk | FMc | sl.clayey sand |
| MC210 | 22 | 23 | sand | pk | FMc | sl.clayey sand |
| MC210 | 23 | 24 | sand | pk | FMc | sl.clayey sand |
| MC210 | 24 | 25 | sand | pk | FMC | clayey sand with stones |
| MC210 | 25 | 26 | sand | pk | FMC | clayey sand |
| MC210 | 26 | 27 | sand | pk | FMC | clayey sand with stones/clay lumps |
| MC210 | 27 | 28 | sand | pk | FM | clayey sand |
| MC210 | 28 | 29 | sand | pk | FM | clayey sand |
| MC210 | 29 | 30 | sand | pk | FM | clayey sand |
| MC210 | 30 | 31 | sand | pk | FMC | clayey sand with clay lumps |
| MC210 | 31 | 32 | sand | pk | FMC | clayey sand |
| MC210 | 32 | 33 | sand | pk | FMC | clayey sand with stones |
| MC210 | 33 | 34 | sand | pk | FMC | clayey sand |
| MC210 | 34 | 35 | sand | pk | FMC+ | clayey sand |
| MC210 | 35 | 36 | sand | pk | FMC | clayey sand |
| MC210 | 36 | 37 | sand | pk | FMC | clayey sand |
| MC210 | 37 | 38 | sand | pk | FMC | clayey sand |
| MC210 | 38 | 39 | sand | pk | FMC | clayey sand |
| MC210 | 39 | 40 | sand | lt pk | FM | clayey sand |
| MC210 | 40 | 41 | sand | lt pk | FMC | clayey sand |
| MC210 | 41 | 42 | sand | lt pk | FMC | clayey sand |
| MC211 | 0 | 1 | clay | br/rd | F | clay with stones |
| MC211 | 1 | 2 | sand | br/rd | FM | clayey sand with stones and clay lumps |
| MC211 | 2 | 3 | sand | br/rd | FM | clayey sand with clay lumps |
| MC211 | 3 | 4 | clay | pk/br | F | clay with lumps |
| MC211 | 4 | 5 | clay | pk/br | F | clay with lumps |
| MC211 | 5 | 6 | sand | rd/br | FMC | v.clayey sand |
| MC211 | 6 | 7 | sand | rd/br | FMC | v.clayey sand with stones |
| MC211 | 7 | 8 | sand | rd/br | FMC | v.clayey sand with large stones |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|--|
| MC211 | 8 | 9 | sand | pk/rd | FFM | clayey/silty sand |
| MC211 | 9 | 10 | sand | pk/rd | FM | clayey sand |
| MC211 | 10 | 11 | sand | pk | FM | clayey sand |
| MC211 | 11 | 12 | sand | pk/bone | FFM | clayey sand |
| MC211 | 12 | 13 | sand | apr | FFM | clayey sand |
| MC211 | 13 | 14 | sand | apr | FM | clayey sand |
| MC211 | 14 | 15 | sand | pk/rd | FM | clayey sand |
| MC211 | 15 | 16 | sand | pk/rd | FM | clayey sand |
| MC211 | 16 | 17 | sand | pk/rd | FM | clayey sand |
| MC211 | 17 | 18 | sand | pk | FM | clayey sand |
| MC211 | 18 | 19 | sand | pk | FM | clayey sand |
| MC211 | 19 | 20 | sand | pk | FM | clayey sand |
| MC211 | 20 | 21 | sand | pk | FM | clayey sand |
| MC211 | 21 | 22 | sand | lt pk | FFM | clayey sand |
| MC211 | 22 | 23 | sand | lt pk | FFM | clayey sand |
| MC211 | 23 | 24 | sand | lt pk | FM | clayey sand |
| MC211 | 24 | 25 | sand | lt pk | FM | clayey sand |
| MC211 | 25 | 26 | sand | lt pk | FM | clayey sand |
| MC211 | 26 | 27 | sand | lt pk | FMc | clayey sand |
| MC211 | 27 | 28 | sand | lt pk | FMc | clayey sand |
| MC211 | 28 | 29 | sand | lt pk | FMc | clayey sand |
| MC211 | 29 | 30 | sand | lt pk | FMC | clayey sand |
| MC211 | 30 | 31 | sand | lt pk | FM | clayey sand |
| MC211 | 31 | 32 | sand | lt pk | FM | clayey sand |
| MC211 | 32 | 33 | sand | lt pk | FM | clayey sand |
| MC211 | 33 | 34 | sand | lt pk | FM | clayey sand |
| MC211 | 34 | 35 | sand | pk/or | FM | clayey sand |
| MC211 | 35 | 36 | sand | pk/or | FMC | clayey sand with clay lumps |
| MC211 | 36 | 37 | sand | pk | FMC | clayey sand with large clay lumps |
| MC211 | 37 | 38 | sand | pk/bone | FMC | clayey sand with clay lumps and stones |
| MC211 | 38 | 39 | sand | pk/bone | FMC | clayey sand with clay lumps and stones |
| MC211 | 39 | 40 | sand | pk/bone | FMC | clayey sand with rocks/stones - WT |
| MC212 | 0 | 1 | sand | br/or | FM | clayey sand with clay lumps |
| MC212 | 1 | 2 | sand | br/or | FM | clayey sand with clay lumps |
| MC212 | 2 | 3 | sand | br/or | FM | clayey sand with clay lumps |
| MC212 | 3 | 4 | sand | br/or | FM | clayey sand with hard white clay lumps |
| MC212 | 4 | 5 | sand | lt br/pk | FM | clayey sand |
| MC212 | 5 | 6 | sand | br/rd | FMc | clayey sand with Fe stones |
| MC212 | 6 | 7 | sand | br/rd | FMc | clayey sand |
| MC212 | 7 | 8 | sand | br/rd | FMc | clayey sand |
| MC212 | 8 | 9 | sand | br | FM | clayey sand |
| MC212 | 9 | 10 | sand | clt | FMc | sand |
| MC212 | 10 | 11 | sand | clt | FMc | sand |
| MC212 | 11 | 12 | sand | pk/rd | FM | sand |
| MC212 | 12 | 13 | sand | pk | FM | sand |
| MC212 | 13 | 14 | sand | pk | FM | sand |
| MC212 | 14 | 15 | sand | sal/pk | FM | sand |
| MC212 | 15 | 16 | sand | sal/pk | FM | sand |
| MC212 | 16 | 17 | sand | sal | FM | sand |
| MC212 | 17 | 18 | sand | sal | FM | sand |
| MC212 | 18 | 19 | sand | sal | FM | sand with large clay lumps and stones |
| MC212 | 19 | 20 | sand | sal | FM | sand |
| MC212 | 20 | 21 | sand | pk/or | FMC | sand with gravel |
| MC212 | 21 | 22 | sand | lt pk | FMC | clayey sand |
| MC212 | 22 | 23 | sand | lt pk | FMC | clayey sand |
| MC212 | 23 | 24 | sand | pk | FMC | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|------------|------|---|
| MC212 | 24 | 25 | sand | pk | FM | clayey sand |
| MC212 | 25 | 26 | sand | pk | FM | clayey sand |
| MC212 | 26 | 27 | sand | pk | FM | clayey sand |
| MC212 | 27 | 28 | sand | pk | FMC | clayey sand |
| MC212 | 28 | 29 | sand | pk | FMC | clayey sand |
| MC212 | 29 | 30 | sand | pk | FMC | clayey sand |
| MC212 | 30 | 31 | sand | pk/br | FMC | clayey sand |
| MC212 | 31 | 32 | sand | br/or | FMC | clayey sand |
| MC212 | 32 | 33 | sand | br/or | FMC | clayey sand |
| MC212 | 33 | 34 | sand | bone | FMc | clayey sand |
| MC212 | 34 | 35 | sand | bone | FMC | clayey sand |
| MC212 | 35 | 36 | sand | lt br/or | FMC | clayey sand |
| MC212 | 36 | 37 | sand | lt br/or | FMC | clayey sand |
| MC212 | 37 | 38 | sand | lt br/or | FMC | clayey sand |
| MC212 | 38 | 39 | sand | lt br/or | FMC | clayey sand |
| MC212 | 39 | 40 | sand | lt br/pk | FMC | clayey sand with stones - STONY LAYER - WT? |
| MC213 | 0 | 1 | sand | br | FMC | clayey sand with clay lumps |
| MC213 | 1 | 2 | sand | br | FMC | clayey sand with clay lumps |
| MC213 | 2 | 3 | sand | lt br/or | FMC | clayey sand |
| MC213 | 3 | 4 | sand | lt br/or | FMC | clayey sand |
| MC213 | 4 | 5 | sand | br/or | FMC | clayey sand |
| MC213 | 5 | 6 | sand | br/or | FMC | clayey sand |
| MC213 | 6 | 7 | sand | br/or | FMC | clayey sand |
| MC213 | 7 | 8 | Ironstone | dk br | FMC | 60cm thick ironstone layer |
| MC213 | 8 | 9 | sand | rd/br | FMC | clayey sand |
| MC213 | 9 | 10 | sand | rd/br | FMC | clayey sand |
| MC213 | 10 | 11 | sand | dk pk | FMC | clayey sand |
| MC213 | 11 | 12 | sand | pk/br | FMC+ | clayey sand |
| MC213 | 12 | 13 | sand | pk/br | FMC+ | clayey sand |
| MC213 | 13 | 14 | sand | pk | FMC+ | clayey sand |
| MC213 | 14 | 15 | sand | pk | FMC | clayey sand |
| MC213 | 15 | 16 | sand | pk/or | FMc | clayey sand |
| MC213 | 16 | 17 | sand | lt or/bone | FFM | clayey/silty sand |
| MC213 | 17 | 18 | sand | bone | FM | clayey sand |
| MC213 | 18 | 19 | sand | pk/or | FMC | clayey sand |
| MC213 | 19 | 20 | sand | pk/or | FMC | clayey sand |
| MC213 | 20 | 21 | sand | or/br | FMc | clayey sand |
| MC213 | 21 | 22 | sand | lt pk/br | FMC | clayey sand |
| MC213 | 22 | 23 | sand | pk/or | FMC | clayey sand |
| MC213 | 23 | 24 | sand | or/br | FMC | clayey sand |
| MC213 | 24 | 25 | sand | br/or | FMC | clayey sand |
| MC213 | 25 | 26 | sand | br/or | FMC | clayey sand |
| MC213 | 26 | 27 | sand | br/or | FMc | clayey sand |
| MC213 | 27 | 28 | sand | br/or | FMc | clayey sand |
| MC213 | 28 | 29 | sand | br/or | FMC | clayey sand |
| MC213 | 29 | 30 | sand | lt br | FMC | clayey sand with stones |
| MC213 | 30 | 31 | sand | lt br | FMC | clayey sand with clay lumps |
| MC213 | 31 | 32 | sand | br/or | FMC | clayey sand |
| MC213 | 32 | 33 | sand | br/or | FMC | clayey sand |
| MC213 | 33 | 34 | sand | or | FMc | clayey sand |
| MC213 | 34 | 35 | sand | or | FM | clayey sand |
| MC213 | 35 | 36 | sand | or | FMC | clayey sand |
| MC213 | 36 | 37 | sand | or | FMC | clayey sand |
| MC213 | 37 | 38 | sand | pk | FMC | clayey sand |
| MC213 | 38 | 39 | sand | pk | FMC | clayey sand |
| MC213 | 39 | 40 | sand | lt pk/br | FMC | clayey sand with hard clay lumps |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|-----|-----------|--------------|------|--|
| MC213 | 40 | 41 | sand | lt br | FMC | clayey sand |
| MC213 | 41 | 42 | sand | lt br | FMC | clayey sand |
| MC214 | 0 | 1 | clay | br/rd | F | clay with lumps |
| MC214 | 1 | 2 | clay | rd/br | F | clay with lumps |
| MC214 | 2 | 3 | sand | br/or | FMC | v.clayey sand with clay lumps |
| MC214 | 3 | 4 | sand | br/or | FMC | v.clayey sand |
| MC214 | 4 | 5 | sand | br/or | FMC | clayey sand with clay lumps |
| MC214 | 5 | 6 | sand | br/or | FMC | clayey sand with hard wt clay lumps |
| MC214 | 6 | 7 | sand | br | FM | clayey sand with clay lumps |
| MC214 | 7 | 8 | Ironstone | dk br | | Impenetrable Ironstone layer - STONE LAYER |
| MC215 | 0 | 1 | sand | br/or | FMC | v.clayey sand |
| MC215 | 1 | 2 | clay | br/rd | F | sandy clay with large clay lumps |
| MC215 | 2 | 3 | clay | br/rd | F | sandy clay with large clay lumps |
| MC215 | 3 | 4 | clay | br/pk | F | sandy clay with large clay lumps |
| MC215 | 4 | 5 | sand | br | FMc | clayey sand |
| MC215 | 5 | 6 | sand | dk rd/pk | FMc | clayey sand |
| MC215 | 6 | 7 | sand | br | FMc | clayey sand with stones |
| MC215 | 7 | 8 | sand | br/rd | FMc | clayey sand with rocks - STONE LAYER |
| MC215 | 8 | 9 | sand | clt | FMC | clayey sand |
| MC215 | 9 | 10 | sand | brt pk | FM | clayey sand |
| MC215 | 10 | 11 | sand | dk pk | FM | clayey sand |
| MC215 | 11 | 12 | sand | lt pk | FMC | clayey sand |
| MC215 | 12 | 13 | sand | pk | FMc | clayey sand |
| MC215 | 13 | 14 | sand | pk | FMc | clayey sand |
| MC215 | 14 | 15 | sand | pk | FMc | clayey sand with clay lumps/stones |
| MC215 | 15 | 16 | sand | pk | FMc | clayey sand |
| MC215 | 16 | 17 | sand | pk | FMc | clayey sand |
| MC215 | 17 | 18 | sand | lt pk | FMc | clayey sand |
| MC215 | 18 | 19 | sand | lt pk | FMc | clayey sand |
| MC215 | 19 | 20 | sand | lt pk | FMc | clayey sand |
| MC215 | 20 | 21 | sand | pk/br | FM | clayey sand |
| MC215 | 21 | 22 | sand | pk/br | FM | clayey sand |
| MC215 | 22 | 23 | sand | pk/br | FMC | clayey sand |
| MC215 | 23 | 24 | sand | lt pk/br | FMC | clayey sand |
| MC215 | 24 | 25 | sand | lt pk/br | FMC | clayey sand with clay lumps |
| MC215 | 25 | 26 | sand | lt pk/bone | FMC | clayey sand |
| MC215 | 26 | 27 | sand | lt pk/bone | FMC | clayey sand |
| MC215 | 27 | 28 | sand | lt pk/bone | FMC | clayey sand with clay lumps |
| MC215 | 28 | 29 | sand | lt pk/bone | FMC | clayey sand |
| MC215 | 29 | 30 | sand | lt pk/bone | FMC | clayey sand with clay lumps |
| MC215 | 30 | 31 | sand | lt pk/bone | FMC | clayey sand |
| MC215 | 31 | 32 | sand | bone/off wht | FMc | clayey sand |
| MC215 | 32 | 33 | sand | bone/off wht | FM | clayey/silty sand |
| MC215 | 33 | 34 | sand | bone/off wht | FMC | clayey sand |
| MC215 | 34 | 35 | sand | bone/off wht | FMC | clayey sand |
| MC215 | 35 | 36 | sand | bone/off wht | FMC | clayey sand |
| MC215 | 36 | 37 | sand | bone | FMc | clayey sand |
| MC215 | 37 | 38 | sand | lt br/or | FMc | clayey sand |
| MC215 | 38 | 39 | sand | lt br/or | FMc | clayey sand |
| MC215 | 39 | 40 | sand | lt br/yw | FMc | clayey sand |
| MC215 | 40 | 41 | sand | lt must | FMc | clayey sand |
| MC215 | 41 | 42 | sand | lt must | FMc | clayey sand |
| MC216 | 0 | 1 | clay | br/rd | F | clay with large layered clay lumps |
| MC216 | 1 | 2 | clay | rd/br | F | clay with large layered clay lumps |
| MC216 | 2 | 3 | clay | rd/br | F | clay with large layered clay lumps |
| MC216 | 3 | 4.5 | clay | bl/gy | F | clay with large layered clay lumps |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|---------------|------|------------------------------------|
| MC216 | 4.5 | 5 | sand | rd/br | FM | clayey sand |
| MC216 | 5 | 6 | sand | rd/br | FMC | clayey sand with stones/rocks |
| MC216 | 6 | 7 | sand | br/rd | FMC | clayey sand with rocks |
| MC216 | 7 | 8 | sand | br/rd | FMC | clayey sand with rocky layer |
| MC216 | 8 | 9 | sand | clt | FMC+ | clayey sand with few stones |
| MC216 | 9 | 10 | sand | brt pk | FMC | sl. clayey sand |
| MC216 | 10 | 11 | sand | brt pk | FMC | sl. clayey sand |
| MC216 | 11 | 12 | sand | dk pk | FMC | sl. clayey sand |
| MC216 | 12 | 13 | sand | dk pk | FMC | sl. clayey sand |
| MC216 | 13 | 14 | sand | pk | FM | clayey/silty sand |
| MC216 | 14 | 15 | sand | pk/gy | FMC | clayey sand |
| MC216 | 15 | 16 | sand | pk | FMC+ | sl. clayey sand |
| MC216 | 16 | 17 | sand | lt pk | FMC+ | sl. clayey sand |
| MC216 | 17 | 18 | sand | lt pk | FMC+ | sl. clayey sand |
| MC216 | 18 | 19 | sand | lt pk | FMC+ | sl. clayey sand |
| MC216 | 19 | 20 | sand | lt pk | FMC+ | sl. clayey sand |
| MC216 | 20 | 21 | sand | lt pk/bone | FMC+ | sl. clayey sand |
| MC216 | 21 | 22 | sand | pk/apr | FMC | sl. clayey sand with gravel |
| MC216 | 22 | 23 | sand | pk/apr | FMC | sl. clayey sand |
| MC216 | 23 | 24 | sand | pk/apr | FMC | sl. clayey sand |
| MC216 | 24 | 25 | sand | lt pk/apr | FMC | sl. clayey sand |
| MC216 | 25 | 26 | sand | lt pk/apr | FMC | sl. clayey sand |
| MC216 | 26 | 27 | sand | lt pk/apr | FMC+ | sl. clayey sand with stones |
| MC216 | 27 | 28 | sand | pk/or | FMC | sl. clayey sand |
| MC216 | 28 | 29 | sand | v.lt bone/wht | FM | sl. clayey sand |
| MC216 | 29 | 30 | sand | v.lt bone/wht | FMc | sl. clayey sand |
| MC216 | 30 | 31 | sand | lt bone/or | FM | sl. clayey sand |
| MC216 | 31 | 32 | sand | lt bone/or | FM | sl. clayey sand |
| MC216 | 32 | 33 | sand | lt bone/or | FM | sl. clayey sand |
| MC216 | 33 | 34 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 34 | 35 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 35 | 36 | sand | bone/or | FMC | sl. clayey sand with minor pebbles |
| MC216 | 36 | 37 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 37 | 38 | sand | bone/or | FM | sl. clayey sand with minor pebbles |
| MC216 | 38 | 39 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 39 | 40 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 40 | 41 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 41 | 42 | sand | bone/or | FM | sl. clayey sand |
| MC217 | 0 | 1 | sand | br | FM | sl. clayey sand |
| MC217 | 1 | 2 | clay | br/rd | FMC | sandy clay |
| MC217 | 2 | 3 | sand | clt | FM | sl. clayey sand with clay lumps |
| MC217 | 3 | 4 | sand | or/rd | FMC+ | clayey sand with stones |
| MC217 | 4 | 5 | sand | pk/or | FMC+ | clayey sand |
| MC217 | 5 | 6 | sand | pk/or | FM | clayey sand |
| MC217 | 6 | 7 | sand | pk/or | FM | clayey sand |
| MC217 | 7 | 8 | sand | pk/or | FMc | clayey sand |
| MC217 | 8 | 9 | sand | pk/or | FFM | clayey sand |
| MC217 | 9 | 10 | sand | pk/br | FM | clayey sand |
| MC217 | 10 | 11 | sand | pk/br | FMc | clayey sand |
| MC217 | 11 | 12 | sand | lt br/pk | FMc | clayey sand |
| MC217 | 12 | 13 | sand | pk | FMc | clayey sand |
| MC217 | 13 | 14 | sand | pk | FMc | clayey sand |
| MC217 | 14 | 15 | sand | pk | FMc | clayey sand |
| MC217 | 15 | 16 | sand | pk | FMc | clayey sand |
| MC217 | 16 | 17 | sand | lt pk/br | FMc | clayey sand |
| MC217 | 17 | 18 | sand | lt pk/br | FM | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|-----------|------|---------------------------------------|
| MC217 | 18 | 19 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 19 | 20 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 20 | 21 | sand | lt pk/br | FMC | clayey sand with gravel |
| MC217 | 21 | 22 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 22 | 23 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 23 | 24 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 24 | 25 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 25 | 26 | sand | lt pk | FMC | clayey sand |
| MC217 | 26 | 27 | sand | bone | FMC | clayey sand |
| MC217 | 27 | 28 | sand | lt pk | FMC | clayey sand |
| MC217 | 28 | 29 | sand | off wht | FM | clayey/silty sand |
| MC217 | 29 | 30 | sand | off wht | FM | clayey sand |
| MC217 | 30 | 31 | sand | must | FM | sl.clayey sand |
| MC217 | 31 | 32 | sand | must | FMC | sl.clayey sand |
| MC217 | 32 | 33 | sand | must | FMc | sl.clayey sand |
| MC217 | 33 | 34 | sand | must/pk | FMc | sl.clayey sand |
| MC217 | 34 | 35 | sand | must | FMC | sl.clayey sand |
| MC217 | 35 | 36 | sand | must | FMc | sl.clayey sand |
| MC217 | 36 | 37 | sand | must | FMC | sl.clayey sand |
| MC217 | 37 | 38 | sand | must | FMC | sl.clayey sand |
| MC217 | 38 | 39 | sand | must | FM | sl.clayey sand |
| MC217 | 39 | 40 | sand | must | FMC | sl.clayey sand |
| MC217 | 40 | 41 | sand | must | FMC | sl.clayey sand |
| MC217 | 41 | 42 | sand | must | FMC+ | sl.clayey sand |
| MC218 | 0 | 1 | sand | br | FM | clayey sand |
| MC218 | 1 | 2 | clay | br/or | F | sandy clay with clay lumps and stones |
| MC218 | 2 | 3 | clay | gn/gy | F | clay |
| MC218 | 3 | 4 | clay | br/rd | F | sandy clay |
| MC218 | 4 | 5 | clay | or | F | sandy clay |
| MC218 | 5 | 6 | clay | gn/gy | F | clay |
| MC218 | 6 | 7 | clay | gn/gy | F | clay |
| MC218 | 7 | 8 | sand | br/or | FMc | clayey sand with clay lumps |
| MC218 | 8 | 9 | sand | rd/or | FMc | clayey sand |
| MC218 | 9 | 10 | sand | br | FMc | clayey sand with stones |
| MC218 | 10 | 11 | sand | br | FMC | clayey sand with stone layer |
| MC218 | 11 | 12 | sand | clt | FMC | sl.clayey sand |
| MC218 | 12 | 13 | sand | pk | FMC+ | clayey sand with pebbles |
| MC218 | 13 | 14 | sand | lt pk/apr | FMC | clayey sand |
| MC218 | 14 | 15 | sand | pk/or | FMc | clayey sand |
| MC218 | 15 | 16 | sand | pk | FMc | sl.clayey sand |
| MC218 | 16 | 17 | sand | pk | FMc | sl.clayey sand |
| MC218 | 17 | 18 | sand | brt pk | FMc | sl.clayey sand |
| MC218 | 18 | 19 | sand | pk | FMc | sl.clayey sand |
| MC218 | 19 | 20 | sand | pk | FMc | sl.clayey sand |
| MC218 | 20 | 21 | sand | bone | FFM | clayey/silty sand |
| MC218 | 21 | 22 | sand | pk | FMC | sl.clayey sand |
| MC218 | 22 | 23 | sand | pk | FMC | sl.clayey sand |
| MC218 | 23 | 24 | sand | pk | FMC | clayey sand with pebbles |
| MC218 | 24 | 25 | sand | pk | FMC | v.clayey sand |
| MC218 | 25 | 26 | sand | dk pk | FMC | sl.clayey sand |
| MC218 | 26 | 27 | sand | dk pk | FMC+ | sl.clayey sand |
| MC218 | 27 | 28 | sand | dk pk | FMC | sl.clayey sand |
| MC218 | 28 | 29 | sand | dk pk | FMC | sl.clayey sand |
| MC218 | 29 | 30 | sand | dk pk | FMC | sl.clayey sand |
| MC218 | 30 | 31 | sand | pk | FMC | sl.clayey sand |
| MC218 | 31 | 32 | sand | pk | FMC | sl.clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|------------|------|-----------------------------------|
| MC218 | 32 | 33 | sand | lt pk | FM | sl.clayey sand |
| MC218 | 33 | 34 | sand | off wht | FM | sl.clayey sand |
| MC218 | 34 | 35 | sand | lt gy | FM | sl.clayey sand |
| MC218 | 35 | 36 | sand | gy | FFM | sl.clayey sand |
| MC218 | 36 | 37 | sand | pk/gy | FM | sl.clayey sand |
| MC218 | 37 | 38 | sand | pk/gy | FMc | sl.clayey sand |
| MC218 | 38 | 39 | sand | bone/gy | FMc | sl.clayey sand |
| MC218 | 39 | 40 | sand | bone/gy | FMc | sl.clayey sand |
| MC218 | 40 | 41 | sand | gy | FMc | sl.clayey sand |
| MC218 | 41 | 42 | sand | gy | FMc | sl.clayey sand |
| MC219 | 0 | 1 | clay | br | F | sandy clay with ironstone |
| MC219 | 1 | 2 | sand | lt br | FMC | v.clayey sand |
| MC219 | 2 | 3 | sand | lt br | FM | v.clayey sand |
| MC219 | 3 | 4 | sand | br/or | FMc | v.clayey sand |
| MC219 | 4 | 5 | sand | br/or | FMc | v.clayey sand |
| MC219 | 5 | 6 | sand | br/or | FMc | v.clayey sand |
| MC219 | 6 | 7 | sand | br/or | FMc | v.clayey sand |
| MC219 | 7 | 8 | sand | br/or | FMc | v.clayey sand with stones/pebbles |
| MC219 | 8 | 9 | sand | br/pk | FMc | v.clayey sand |
| MC219 | 9 | 10 | sand | br/pk | FMc | v.clayey sand |
| MC219 | 10 | 11 | sand | br | FMc | v.clayey sand |
| MC219 | 11 | 12 | sand | br | FM | v.clayey sand |
| MC219 | 12 | 13 | sand | br | FM | v.clayey sand |
| MC219 | 13 | 14 | sand | br/pk | FM | v.clayey sand |
| MC219 | 14 | 15 | sand | br/pk | FM | v.clayey sand |
| MC219 | 15 | 16 | sand | br/pk | FM | v.clayey sand |
| MC219 | 16 | 17 | sand | lt pk | FMC | v.clayey sand |
| MC219 | 17 | 18 | sand | pk | FMC | v.clayey sand |
| MC219 | 18 | 19 | sand | pk | FMC | v.clayey sand |
| MC219 | 19 | 20 | sand | pk | FMC | v.clayey sand |
| MC219 | 20 | 21 | sand | lt pk | FMc | v.clayey sand with clay lumps |
| MC219 | 21 | 22 | sand | lt pk/br | FMc | v.clayey sand |
| MC219 | 22 | 23 | sand | pk | FMc | v.clayey sand |
| MC219 | 23 | 24 | sand | pk | FMc | v.clayey sand |
| MC219 | 24 | 25 | sand | pk | FMc | v.clayey sand |
| MC219 | 25 | 26 | sand | pk | FMc | v.clayey sand |
| MC219 | 26 | 27 | sand | lt pk | FMC | v.clayey sand |
| MC219 | 27 | 28 | sand | lt pk | FMC | v.clayey sand |
| MC219 | 28 | 29 | sand | lt pk/br | FMC | v.clayey sand |
| MC219 | 29 | 30 | sand | bone | FMC | v.clayey sand |
| MC219 | 30 | 31 | sand | bone | FMC | v.clayey sand |
| MC219 | 31 | 32 | sand | bone/lt pk | FMC | v.clayey sand |
| MC219 | 32 | 33 | sand | bone | FMC | v.clayey sand |
| MC219 | 33 | 34 | sand | bone | FMC | v.clayey sand |
| MC219 | 34 | 35 | sand | bone | FMC | v.clayey sand |
| MC219 | 35 | 36 | sand | bone | FMC | v.clayey sand |
| MC219 | 36 | 37 | sand | bone | FMC | v.clayey sand |
| MC219 | 37 | 38 | sand | bone | FM | v.clayey sand |
| MC219 | 38 | 39 | sand | bone/or | FMc | v.clayey sand with stones |
| MC219 | 39 | 40 | sand | bone/or | FMc | v.clayey sand with stones |
| MC219 | 40 | 41 | sand | bone | FMc | v.clayey sand with stones |
| MC219 | 41 | 42 | sand | bone | FMc | v.clayey sand with stones |
| MC220 | 0 | 1 | sand | br | F | clayey sand with stones |
| MC220 | 1 | 2 | sand | br | FM | clayey sand with clay lumps |
| MC220 | 2 | 3 | sand | br | FM | clayey sand |
| MC220 | 3 | 4 | clay | gy/gn | F | clay with rd/br coating |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|--|
| MC220 | 4 | 5 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 5 | 6 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 6 | 7 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 7 | 8 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 8 | 9 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 9 | 10 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 10 | 11 | sand | br/rd | FMc | v.clayey sand |
| MC220 | 11 | 12 | sand | br/rd | FMc | v.clayey sand |
| MC220 | 12 | 13 | sand | br/rd | FMc | v.clayey sand |
| MC220 | 13 | 14 | sand | rd/pk | FMc | v.clayey sand |
| MC220 | 14 | 15 | sand | pk | FMC | v.clayey sand |
| MC220 | 15 | 16 | sand | pk | FMC | v.clayey sand |
| MC220 | 16 | 17 | sand | pk | FMC | v.clayey sand |
| MC220 | 17 | 18 | sand | pk | FMC | v.clayey sand |
| MC220 | 18 | 19 | sand | pk/or | FMC | clayey sand |
| MC220 | 19 | 20 | sand | pk/or | FMC | clayey sand |
| MC220 | 20 | 21 | sand | pk | FMc | clayey sand |
| MC220 | 21 | 22 | sand | pk | FMC | clayey sand |
| MC220 | 22 | 23 | sand | pk | FMC | clayey sand |
| MC220 | 23 | 24 | sand | pk | FMC | clayey sand |
| MC220 | 24 | 25 | sand | pk | FMC | clayey sand |
| MC220 | 25 | 26 | sand | pk | FMC | clayey sand |
| MC220 | 26 | 27 | sand | pk | FMC | clayey sand |
| MC220 | 27 | 28 | sand | pk/bone | FMC | clayey sand |
| MC220 | 28 | 29 | sand | lt br/or | FMc | clayey sand |
| MC220 | 29 | 30 | sand | bone | FMc | clayey sand |
| MC220 | 30 | 31 | sand | bone/or | FMc | clayey sand |
| MC220 | 31 | 32 | sand | bone/yw | FM | clayey sand |
| MC220 | 32 | 33 | sand | bone/yw | FMc | clayey sand |
| MC220 | 33 | 34 | sand | bone/gy | FMc | clayey sand |
| MC220 | 34 | 35 | sand | bone/yw | FMc | clayey sand |
| MC220 | 35 | 36 | sand | pk/bone | FMc | clayey sand |
| MC220 | 36 | 37 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 37 | 38 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 38 | 39 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 39 | 40 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 40 | 41 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 41 | 42 | sand | lt pk/br | FMc | clayey sand |
| MC221 | 0 | 1 | sand | gy/br | FM | clayey sand with stones and clay lumps |
| MC221 | 1 | 2 | sand | br/or | FMc | clayey sand with stones and clay lumps |
| MC221 | 2 | 3 | sand | or/br | FMc | clayey sand |
| MC221 | 3 | 4 | sand | rd/br | FMc | clayey sand |
| MC221 | 4 | 5 | sand | lt or/br | FM | sl.clayey sand |
| MC221 | 5 | 6 | sand | br/or | FMc | clayey sand |
| MC221 | 6 | 7 | sand | br/or | FMc | clayey sand |
| MC221 | 7 | 8 | sand | br/or | FMc | clayey sand |
| MC221 | 8 | 9 | sand | pk | FMc | clayey sand |
| MC221 | 9 | 10 | sand | pk | FMc | clayey sand |
| MC221 | 10 | 11 | sand | or | FMC | clayey sand |
| MC221 | 11 | 12 | sand | lt or | FMC | clayey sand |
| MC221 | 12 | 13 | sand | lt or | FMC | clayey sand |
| MC221 | 13 | 14 | sand | bone | FMC | clayey sand |
| MC221 | 14 | 15 | sand | bone | FMC | clayey sand |
| MC221 | 15 | 16 | sand | bone | FMC | clayey sand |
| MC221 | 16 | 17 | sand | bone | FMC | clayey sand |
| MC221 | 17 | 18 | sand | bone/or | FMC | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|--|
| MC221 | 18 | 19 | sand | br/or | FMC | clayey sand |
| MC221 | 19 | 20 | sand | lt br/or | FMC | clayey sand with stones |
| MC221 | 20 | 21 | sand | lt br/or | FMc | clayey sand |
| MC221 | 21 | 22 | sand | br/or | FMc | clayey sand |
| MC221 | 22 | 23 | sand | pk/br | FMc | clayey sand |
| MC221 | 23 | 24 | sand | pk/br | FMC | clayey sand |
| MC221 | 24 | 25 | sand | pk/br | FMC | clayey sand |
| MC221 | 25 | 26 | sand | pk/br | FMC | clayey sand |
| MC221 | 26 | 27 | sand | pk | FMC | clayey sand |
| MC221 | 27 | 28 | sand | pk/br | FMC | clayey sand |
| MC221 | 28 | 29 | sand | pk/br | FMC | clayey sand |
| MC221 | 29 | 30 | sand | pk | FMc | clayey sand |
| MC221 | 30 | 31 | sand | pk/br | FMc | clayey sand |
| MC221 | 31 | 32 | sand | pk/br | FMc | clayey sand |
| MC221 | 32 | 33 | sand | or/br | FMc | clayey sand |
| MC221 | 33 | 34 | sand | br/pk | FMC | clayey sand |
| MC221 | 34 | 35 | sand | br/pk | FMc | clayey sand |
| MC221 | 35 | 36 | sand | br/pk | FMc | clayey sand |
| MC221 | 36 | 37 | sand | br/pk | FMC | clayey sand |
| MC221 | 37 | 38 | sand | lt br/or | FMc | clayey sand |
| MC221 | 38 | 39 | sand | lt br/or | FM | clayey sand |
| MC221 | 39 | 40 | sand | br | FMC+ | clayey sand |
| MC221 | 40 | 41 | sand | br | FMC+ | clayey sand |
| MC221 | 41 | 42 | sand | dk br | FMC+ | clayey sand |
| MC222 | 0 | 1 | clay | br | F | sandy clay |
| MC222 | 1 | 2 | sand | rd/br | FMC | v.clayey sand with stones and clay lumps |
| MC222 | 2 | 3 | sand | dk rd/br | FMC | v.clayey sand |
| MC222 | 3 | 4 | sand | dk rd/br | FMC | v.clayey sand |
| MC222 | 4 | 5 | sand | pk | FMc | clayey sand |
| MC222 | 5 | 6 | sand | pk | FMc | clayey sand |
| MC222 | 6 | 7 | sand | pk | FMc | clayey sand |
| MC222 | 7 | 8 | sand | pk | FMc | clayey sand |
| MC222 | 8 | 9 | sand | pk | FMc | clayey sand |
| MC222 | 9 | 10 | sand | pk | FMc | clayey sand |
| MC222 | 10 | 11 | sand | pk/or | FMc | clayey sand |
| MC222 | 11 | 12 | sand | pk | FMc | clayey sand with clay lumps |
| MC222 | 12 | 13 | sand | pk | FMc | clayey sand |
| MC222 | 13 | 14 | sand | pk/or | FMc | clayey sand |
| MC222 | 14 | 15 | sand | pk | FMc | clayey sand |
| MC222 | 15 | 16 | sand | dk pk | FMc | clayey sand |
| MC222 | 16 | 17 | sand | dk pk | FMc | clayey sand |
| MC222 | 17 | 18 | sand | dk pk | FMc | clayey sand |
| MC222 | 18 | 19 | sand | pk | FMc | clayey sand |
| MC222 | 19 | 20 | sand | pk | FMc | clayey sand |
| MC222 | 20 | 21 | sand | pk | FMc | clayey sand |
| MC222 | 21 | 22 | sand | pk | FMc | clayey sand |
| MC222 | 22 | 23 | sand | pk | FMc | clayey sand |
| MC222 | 23 | 24 | sand | pk | FMC | clayey sand |
| MC222 | 24 | 25 | sand | pk | FMC | clayey sand |
| MC222 | 25 | 26 | sand | pk | FMC | clayey sand with gravel |
| MC222 | 26 | 27 | sand | or | FMC | clayey sand |
| MC222 | 27 | 28 | sand | or/br | FMC | clayey sand |
| MC222 | 28 | 29 | sand | or/br | FMC | clayey sand |
| MC222 | 29 | 30 | sand | or | FMC | clayey sand |
| MC222 | 30 | 31 | sand | pk | FMC | clayey sand |
| MC222 | 31 | 32 | sand | pk | FMC | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|-------------------------------|
| MC222 | 32 | 33 | sand | pk | FMC | clayey sand |
| MC222 | 33 | 34 | sand | pk | FMC | clayey sand |
| MC222 | 34 | 35 | sand | pk | FM | clayey sand |
| MC222 | 35 | 36 | sand | dk pk | FMC | clayey sand |
| MC222 | 36 | 37 | sand | dk pk | FMC | clayey sand |
| MC222 | 37 | 38 | sand | dk pk | FMc | clayey sand |
| MC222 | 38 | 39 | sand | dk pk | FMc | clayey sand |
| MC222 | 39 | 40 | sand | pk/br | FMc | clayey sand |
| MC222 | 40 | 41 | sand | pk/br | FM | clayey sand |
| MC222 | 41 | 42 | sand | br/or | FM | clayey sand |
| MC223 | 0 | 1 | sand | br/pk | FM | sand |
| MC223 | 1 | 2 | sand | br/pk | FM | sand |
| MC223 | 2 | 3 | sand | br/or | FM | v.clayey sand with clay lumps |
| MC223 | 3 | 4 | sand | br/rd | F | sandy clay with clay lumps |
| MC223 | 4 | 5 | sand | br/rd | F | sandy clay with clay lumps |
| MC223 | 5 | 6 | sand | br/rd | FMC | v.clayey sand |
| MC223 | 6 | 7 | sand | br/rd | FMC | clayey sand |
| MC223 | 7 | 8 | sand | br/rd | FMC | clayey sand with stones |
| MC223 | 8 | 9 | sand | br/rd | FMC | clayey sand |
| MC223 | 9 | 10 | sand | br/rd | FMC | clayey sand |
| MC223 | 10 | 11 | sand | rd/pk | FMC | clayey sand |
| MC223 | 11 | 12 | sand | rd/pk | FMC | clayey sand |
| MC223 | 12 | 13 | sand | pk | FMC | clayey sand |
| MC223 | 13 | 14 | sand | pk | FMC | clayey sand |
| MC223 | 14 | 15 | sand | pk | FMC | clayey sand |
| MC223 | 15 | 16 | sand | pk/or | FMC | clayey sand |
| MC223 | 16 | 17 | sand | pk | FMC | clayey sand |
| MC223 | 17 | 18 | sand | pk | FMC | clayey sand |
| MC223 | 18 | 19 | sand | pk | FMC | clayey sand |
| MC223 | 19 | 20 | sand | pk | FMC | clayey sand |
| MC223 | 20 | 21 | sand | pk | FMc | clayey sand |
| MC223 | 21 | 22 | sand | pk | FMc | clayey sand |
| MC223 | 22 | 23 | sand | pk | FMc | clayey sand |
| MC223 | 23 | 24 | sand | pk | FMc | clayey sand |
| MC223 | 24 | 25 | sand | pk/or | FMc | clayey sand |
| MC223 | 25 | 26 | sand | lt or | FM | clayey sand with gravel |
| MC223 | 26 | 27 | sand | lt or/br | FMc | clayey sand |
| MC223 | 27 | 28 | sand | lt or/br | FM | clayey sand with stones |
| MC223 | 28 | 29 | sand | lt or/br | FM | clayey sand |
| MC223 | 29 | 30 | sand | lt or/br | FM | clayey sand |
| MC223 | 30 | 31 | sand | br | FMC | clayey sand with stones |
| MC223 | 31 | 32 | sand | br | FMc | clayey sand |
| MC223 | 32 | 33 | sand | br | FM | clayey sand |
| MC223 | 33 | 34 | sand | br | FM | clayey sand |
| MC223 | 34 | 35 | sand | br | FMc | clayey sand with stones |
| MC223 | 35 | 36 | sand | br/pk | FMc | clayey sand with large stones |
| MC223 | 36 | 37 | sand | br/pk | FMc | clayey sand |
| MC223 | 37 | 38 | sand | pk/br | FMc | clayey sand |
| MC223 | 38 | 39 | sand | dk pk | FMC | clayey sand |
| MC223 | 39 | 40 | sand | dk pk | FMC | clayey sand |
| MC223 | 40 | 41 | sand | dk pk | FMc | clayey sand |
| MC223 | 41 | 42 | sand | dk pk | FMc | clayey sand |
| MC224 | 0 | 1 | sand | lt br | FM | clayey sand with stones |
| MC224 | 1 | 2 | sand | lt br/or | FM | clayey sand |
| MC224 | 2 | 3 | sand | lt br/or | FM | clayey sand |
| MC224 | 3 | 4 | sand | br/or | FM | v.clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|--------|------|-------------------------------|
| MC224 | 4 | 5 | sand | br/or | FM | v.clayey sand |
| MC224 | 5 | 6 | sand | br/or | FMc | v.clayey sand with stones |
| MC224 | 6 | 7 | sand | br/or | FMc | v.clayey sand |
| MC224 | 7 | 8 | sand | br/or | FMc | v.clayey sand with pebbles |
| MC224 | 8 | 9 | sand | br/or | FMc | clayey sand with pebbles |
| MC224 | 9 | 10 | sand | br/pk | FMc | v.clayey sand |
| MC224 | 10 | 11 | sand | br/or | FMc | v.clayey sand |
| MC224 | 11 | 12 | sand | br/or | FMc | v.clayey sand |
| MC224 | 12 | 13 | sand | br/or | FMc | v.clayey sand |
| MC224 | 13 | 14 | sand | pk | FM | clayey sand |
| MC224 | 14 | 15 | sand | pk | FMc | clayey sand |
| MC224 | 15 | 16 | sand | pk | FMc | v.clayey sand |
| MC224 | 16 | 17 | sand | pk | FM | v.clayey sand |
| MC224 | 17 | 18 | sand | pk | FM | v.clayey sand |
| MC224 | 18 | 19 | sand | pk | FM | v.clayey sand |
| MC224 | 19 | 20 | sand | pk | FM | v.clayey sand |
| MC224 | 20 | 21 | sand | pk | FM | v.clayey sand |
| MC224 | 21 | 22 | sand | pk | FM | v.clayey sand |
| MC224 | 22 | 23 | sand | br/or | FMc | v.clayey sand |
| MC224 | 23 | 24 | sand | br/or | FMc | v.clayey sand |
| MC224 | 24 | 25 | sand | br/or | FMC | clayey sand |
| MC224 | 25 | 26 | sand | br/or | FMC | clayey sand |
| MC224 | 26 | 27 | sand | or | FMC | clayey sand |
| MC224 | 27 | 28 | sand | or | FMC | clayey sand |
| MC224 | 28 | 29 | sand | or | FMC | clayey sand |
| MC224 | 29 | 30 | sand | or/pk | FMC | clayey sand with gravel |
| MC224 | 30 | 31 | sand | pk | FMC | v.clayey sand with gravel |
| MC224 | 31 | 32 | sand | dk pk | FMC | v.clayey sand |
| MC224 | 32 | 33 | sand | pk | FMC | v.clayey sand |
| MC224 | 33 | 34 | sand | pk/br | FM | clayey sand |
| MC224 | 34 | 35 | sand | br/or | FMc | clayey sand |
| MC224 | 35 | 36 | sand | br/or | FMc | clayey sand |
| MC224 | 36 | 37 | sand | br | FM | clayey sand |
| MC224 | 37 | 38 | sand | br | FM | clayey sand |
| MC224 | 38 | 39 | sand | br | FM | clayey sand |
| MC224 | 39 | 40 | sand | br | FM | clayey sand |
| MC224 | 40 | 41 | sand | br | FMc | clayey sand |
| MC224 | 41 | 42 | sand | br | FMc | clayey sand |
| MC225 | 0 | 1 | sand | br | FMc | clayey sand |
| MC225 | 1 | 2 | sand | bone | FMc | clayey sand |
| MC225 | 2 | 3 | sand | or | FMc | clayey sand |
| MC225 | 3 | 4 | sand | br/or | FM | v.clayey sand |
| MC225 | 4 | 5 | clay | br/or | F | sandy clay |
| MC225 | 5 | 6 | clay | br/or | F | sandy clay |
| MC225 | 6 | 7 | sand | br/or | FMC | clayey sand |
| MC225 | 7 | 8 | sand | br/or | FMC | clayey sand with stones |
| MC225 | 8 | 9 | sand | br/or | FMC | clayey sand with clay lumps |
| MC225 | 9 | 10 | sand | br/pk | FMc | v.clayey sand with stones |
| MC225 | 10 | 11 | sand | br/pk | FMc | v.clayey sand with stones |
| MC225 | 11 | 12 | sand | pk | FMc | v.clayey sand with stones |
| MC225 | 12 | 13 | sand | br/pk | FMc | v.clayey sand with clay lumps |
| MC225 | 13 | 14 | sand | br/pk | FMc | v.clayey sand with clay lumps |
| MC225 | 14 | 15 | sand | pk | FMC | v.clayey sand with stones |
| MC225 | 15 | 16 | sand | br/pk | FMC | v.clayey sand with clay lumps |
| MC225 | 16 | 17 | sand | pk | FM | clayey sand |
| MC225 | 17 | 18 | sand | pk | FM | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|-----------------------------|
| MC225 | 18 | 19 | sand | br/pk | FM | clayey sand |
| MC225 | 19 | 20 | sand | br/pk | FM | clayey sand |
| MC225 | 20 | 21 | sand | br/pk | FM | clayey sand |
| MC225 | 21 | 22 | sand | br/pk | FMc | clayey sand |
| MC225 | 22 | 23 | sand | pk | FMC | clayey sand with stones |
| MC225 | 23 | 24 | sand | pk | FMC | clayey sand |
| MC225 | 24 | 25 | sand | pk | FMC | clayey sand |
| MC225 | 25 | 26 | sand | pk | FMC | clayey sand |
| MC225 | 26 | 27 | sand | pk | FMC | clayey sand |
| MC225 | 27 | 28 | sand | pk | FMC | clayey sand |
| MC225 | 28 | 29 | sand | pk | FMC | clayey sand |
| MC225 | 29 | 30 | sand | pk | FMC | clayey sand |
| MC225 | 30 | 31 | sand | br/pk | FM | clayey sand |
| MC225 | 31 | 32 | sand | lt br/pk | FM | clayey sand |
| MC225 | 32 | 33 | sand | lt pk/gy | FMC+ | clayey sand |
| MC225 | 33 | 34 | sand | lt pk/gy | FMC+ | clayey sand |
| MC225 | 34 | 35 | sand | gy | FMC | clayey sand |
| MC225 | 35 | 36 | sand | gy | FMC | clayey sand |
| MC225 | 36 | 37 | sand | gy | FMc | clayey sand |
| MC225 | 37 | 38 | sand | gy | FMc | clayey sand |
| MC225 | 38 | 39 | sand | gy | FMc | clayey sand |
| MC225 | 39 | 40 | sand | gy | FM | clayey sand |
| MC225 | 40 | 41 | sand | gy | FM | clayey sand |
| MC225 | 41 | 42 | sand | gy | FM | clayey sand |
| MC226 | 0 | 1 | sand | dk br | FMc | clayey sand |
| MC226 | 1 | 2 | sand | br/or | FM | clayey sand with clay lumps |
| MC226 | 2 | 3 | sand | br/or | FMc | clayey sand |
| MC226 | 3 | 4 | clay | br/or | FMC | sandy clay |
| MC226 | 4 | 5 | clay | br/or | FMC | sandy clay |
| MC226 | 5 | 6 | clay | br/or | FMC | sandy clay |
| MC226 | 6 | 7 | sand | br/pk | FMc | v.clayey sand |
| MC226 | 7 | 8 | sand | br/pk | FMc | v.clayey sand |
| MC226 | 8 | 9 | sand | br/pk | FMc | v.clayey sand |
| MC226 | 9 | 10 | sand | br/pk | FM | v.clayey sand |
| MC226 | 10 | 11 | sand | pk | FMc | v.clayey sand |
| MC226 | 11 | 12 | sand | pk/or | FMc | v.clayey sand |
| MC226 | 12 | 13 | sand | pk | FMc | clayey sand with stones |
| MC226 | 13 | 14 | sand | pk | FMc | clayey sand |
| MC226 | 14 | 15 | sand | pk | FMC | clayey sand |
| MC226 | 15 | 16 | sand | pk | FMc | clayey sand |
| MC226 | 16 | 17 | sand | pk | FMc | clayey sand |
| MC226 | 17 | 18 | sand | pk | FMC | clayey sand |
| MC226 | 18 | 19 | sand | dk pk | FMC | clayey sand with stones |
| MC226 | 19 | 20 | sand | pk | FMC | v.clayey sand |
| MC226 | 20 | 21 | sand | pk | FMc | clayey sand |
| MC226 | 21 | 22 | sand | pk | FMc | clayey sand |
| MC226 | 22 | 23 | sand | apr | FM | clayey sand |
| MC226 | 23 | 24 | sand | apr | FM | clayey sand |
| MC226 | 24 | 25 | sand | apr | FMc | clayey sand |
| MC226 | 25 | 26 | sand | pk/gy | FMc | clayey sand |
| MC226 | 26 | 27 | sand | gy | FMc | clayey sand |
| MC226 | 27 | 28 | sand | gy/pk | FMc | clayey sand |
| MC226 | 28 | 29 | sand | gy/pk | FMc | clayey sand |
| MC226 | 29 | 30 | sand | gy | FMc | clayey sand |
| MC226 | 30 | 31 | sand | gy | FMC | clayey sand |
| MC226 | 31 | 32 | sand | gy | FMc | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|------------|------|---------------------------------------|
| MC226 | 32 | 33 | sand | gy | FMc | clayey sand |
| MC226 | 33 | 34 | sand | gy | FMc | clayey sand |
| MC226 | 34 | 35 | sand | gy | FMc | clayey sand |
| MC226 | 35 | 36 | sand | gy/must | FMc | clayey sand |
| MC226 | 36 | 37 | sand | must | FMc | clayey sand |
| MC226 | 37 | 38 | sand | must | FMc | clayey sand |
| MC226 | 38 | 39 | sand | must | FMc | clayey sand |
| MC226 | 39 | 40 | sand | must | FMC | clayey sand |
| MC226 | 40 | 41 | sand | must/pk | FMc | clayey sand |
| MC226 | 41 | 42 | sand | must/pk | FMc | clayey sand |
| MC227 | 0 | 1 | sand | br | FMc | v.clayey sand with clay lumps |
| MC227 | 1 | 2 | sand | or/br | FMc | clayey sand with clay lumps |
| MC227 | 2 | 3 | sand | or/br | FMc | clayey sand |
| MC227 | 3 | 4 | sand | or/br/pk | FMC | clayey sand |
| MC227 | 4 | 5 | sand | pk | FMC | clayey sand |
| MC227 | 5 | 6 | sand | pk | FMC | clayey sand |
| MC227 | 6 | 7 | sand | pk | FMC | clayey sand |
| MC227 | 7 | 8 | sand | pk | FMC | clayey sand |
| MC227 | 8 | 9 | sand | pk | FMC | clayey sand |
| MC227 | 9 | 10 | sand | pk | FMC | clayey sand |
| MC227 | 10 | 11 | sand | pk | FMC+ | clayey sand with stones |
| MC227 | 11 | 12 | sand | pk | FMC+ | clayey sand |
| MC227 | 12 | 13 | sand | pk | FMC+ | clayey sand |
| MC227 | 13 | 14 | sand | lt pk | FMc | clayey sand |
| MC227 | 14 | 15 | sand | lt pk | FMc | clayey sand |
| MC227 | 15 | 16 | sand | lt pk | FM | clayey sand |
| MC227 | 16 | 17 | sand | lt pk | FM | clayey sand |
| MC227 | 17 | 18 | sand | lt pk | FM | clayey sand |
| MC227 | 18 | 19 | sand | lt pk/br | FMC | clayey sand with gravel |
| MC227 | 19 | 20 | sand | lt pk/br | FMC | clayey sand |
| MC227 | 20 | 21 | sand | bone | FMc | clayey sand |
| MC227 | 21 | 22 | sand | bone | FMC | clayey sand |
| MC227 | 22 | 23 | sand | bone | FMC+ | clayey sand with large stones |
| MC227 | 23 | 24 | sand | bone/pk | FMC | clayey sand |
| MC227 | 24 | 25 | sand | pk | FMC | clayey sand |
| MC227 | 25 | 26 | sand | pk/or | FMC | clayey sand |
| MC227 | 26 | 27 | sand | pk | FMC | clayey sand |
| MC227 | 27 | 28 | sand | pk | FMC | clayey sand |
| MC227 | 28 | 29 | sand | pk | FMC+ | clayey sand |
| MC227 | 29 | 30 | sand | pk | FMC+ | clayey sand with clay lumps |
| MC227 | 30 | 31 | sand | lt pk | FM | silty sand |
| MC227 | 31 | 32 | sand | lt pk | FM | silty sand |
| MC227 | 32 | 33 | sand | bone/pk | FMc | clayey sand |
| MC227 | 33 | 34 | sand | bone/lt pk | FMC | clayey sand |
| MC227 | 34 | 35 | sand | bone/lt pk | FMC | clayey sand |
| MC227 | 35 | 36 | sand | bone/lt pk | FMC | clayey sand with stones |
| MC227 | 36 | 37 | sand | bone/lt pk | FMC | clayey sand |
| MC227 | 37 | 38 | sand | bone/lt pk | FMC | clayey sand |
| MC227 | 38 | 39 | sand | bone/lt pk | FMc | clayey sand with clay lumps |
| MC227 | 39 | 40 | sand | lt pk | FMc | clayey sand |
| MC227 | 40 | 41 | sand | pk | FM | clayey sand with clay lumps |
| MC227 | 41 | 42 | sand | pk | FM | clayey sand with clay lumps |
| MC228 | 0 | 1 | clay | br | FMC | sandy clay |
| MC228 | 1 | 2 | clay | br/or | FMC | sandy clay with stones and clay lumps |
| MC228 | 2 | 3 | clay | br/or | FMC | sandy clay with clay lumps |
| MC228 | 3 | 4 | clay | br/or | F | clay |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|-----------------------------------|
| MC228 | 4 | 5 | clay | br/or | F | clay |
| MC228 | 5 | 6 | sand | br/or | FM | v.clayey sand with clay lumps |
| MC228 | 6 | 7 | sand | lt br/or | FMC | clayey sand |
| MC228 | 7 | 8 | sand | lt br/pk | FMC | clayey sand |
| MC228 | 8 | 9 | sand | br/pk | FMC+ | clayey sand |
| MC228 | 9 | 10 | sand | br/or | FMC | clayey sand |
| MC228 | 10 | 11 | sand | br/pk | FMC | clayey sand |
| MC228 | 11 | 12 | sand | or/yw | FM | clayey sand |
| MC228 | 12 | 13 | sand | or/yw | FMC | clayey sand |
| MC228 | 13 | 14 | sand | or/pk | FMC | clayey sand with gravel |
| MC228 | 14 | 15 | sand | pk | FMC | clayey sand |
| MC228 | 15 | 16 | sand | pk/gy | FMC+ | v.clayey sand with stones |
| MC228 | 16 | 17 | sand | pk | FMC | v.clayey sand |
| MC228 | 17 | 18 | sand | pk | FMC | v.clayey sand |
| MC228 | 18 | 19 | sand | pk | FMC | v.clayey sand |
| MC228 | 19 | 20 | sand | pk | FMC | v.clayey sand with stones |
| MC228 | 20 | 21 | sand | pk | FMc | v.clayey sand with clay lumps |
| MC228 | 21 | 22 | sand | pk | FMc | v.clayey sand |
| MC228 | 22 | 23 | sand | pk | FM | clayey sand |
| MC228 | 23 | 24 | sand | pk | FM | clayey sand |
| MC228 | 24 | 25 | sand | pk | FM | clayey sand |
| MC228 | 25 | 26 | sand | pk | FM | clayey sand |
| MC228 | 26 | 27 | sand | pk | FMc | clayey sand |
| MC228 | 27 | 28 | sand | lt br | FMC | clayey sand |
| MC228 | 28 | 29 | sand | lt br/pk | FMC+ | clayey sand |
| MC228 | 29 | 30 | sand | lt br/pk | FMC+ | clayey sand |
| MC228 | 30 | 31 | sand | br/pk | FMC+ | clayey sand |
| MC228 | 31 | 32 | sand | br/pk | FMc | clayey sand |
| MC228 | 32 | 33 | sand | bone | FM | clayey sand |
| MC228 | 33 | 34 | sand | br | FMC | clayey sand |
| MC228 | 34 | 35 | sand | br/pk | FMC+ | clayey sand |
| MC228 | 35 | 36 | sand | br/pk | FMC+ | clayey sand |
| MC228 | 36 | 37 | sand | br/pk | FMC | clayey sand |
| MC228 | 37 | 38 | sand | br/pk | FMC | clayey sand |
| MC228 | 38 | 39 | sand | br/pk | FMC | clayey sand |
| MC228 | 39 | 40 | sand | br/pk | FMC | clayey sand |
| MC228 | 40 | 41 | sand | pk/br | FMC | clayey sand |
| MC228 | 41 | 42 | sand | pk/br | FMC | clayey sand |
| MC229 | 0 | 1 | sand | br | FMc | clayey sand with stones and lumps |
| MC229 | 1 | 2 | sand | br/or | FMc | clayey sand |
| MC229 | 2 | 3 | sand | br/or | FMC | clayey sand |
| MC229 | 3 | 4 | sand | br/or | FMC | clayey sand |
| MC229 | 4 | 5 | sand | br/or | FMC | clayey sand |
| MC229 | 5 | 6 | sand | or/pk | FMC | clayey sand |
| MC229 | 6 | 7 | sand | dk pk | FMc | clayey sand |
| MC229 | 7 | 8 | sand | dk pk | FMc | clayey sand |
| MC229 | 8 | 9 | sand | pk/or | FMc | clayey sand |
| MC229 | 9 | 10 | sand | pk | FMC | clayey sand |
| MC229 | 10 | 11 | sand | pk | FMC | clayey sand |
| MC229 | 11 | 12 | sand | pk | FMC | clayey sand with gravel |
| MC229 | 12 | 13 | sand | pk | FMC | v.clayey sand |
| MC229 | 13 | 14 | sand | pk | FMC | clayey sand |
| MC229 | 14 | 15 | sand | pk | FMC | clayey sand |
| MC229 | 15 | 16 | sand | pk | FMC | clayey sand |
| MC229 | 16 | 17 | sand | pk/br | FMC+ | clayey sand with gravel |
| MC229 | 17 | 18 | sand | pk/br | FMC | clayey sand |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|-----------|-------|---|
| MC229 | 18 | 19 | sand | pk | FMC+ | clayey sand |
| MC229 | 19 | 20 | sand | pk/br | FMc | clayey sand |
| MC229 | 20 | 21 | sand | br/pk | FMC++ | clayey sand |
| MC229 | 21 | 22 | sand | br/pk | FMC | clayey sand |
| MC229 | 22 | 23 | sand | br/pk | FMC | clayey sand |
| MC229 | 23 | 24 | sand | br/pk | FMC | clayey sand |
| MC229 | 24 | 25 | sand | br/pk | FMc | clayey sand |
| MC229 | 25 | 26 | sand | br/pk | FMc | clayey sand |
| MC229 | 26 | 27 | sand | bone | FM | clayey sand |
| MC229 | 27 | 28 | sand | bone | FM | clayey sand |
| MC229 | 28 | 29 | sand | bone | FMC | clayey sand |
| MC229 | 29 | 30 | sand | bone/pk | FM | clayey sand with clay lumps |
| MC229 | 30 | 31 | sand | lt br | FM | clayey sand |
| MC229 | 31 | 32 | sand | lt br | FMC | clayey sand |
| MC229 | 32 | 33 | sand | bone | FFM | clayey sand |
| MC229 | 33 | 34 | sand | bone | FMc | clayey sand |
| MC229 | 34 | 35 | sand | bone | FMc | clayey sand |
| MC229 | 35 | 36 | sand | pk/br | FMc | clayey sand |
| MC229 | 36 | 37 | sand | lt br | FMc | clayey sand |
| MC229 | 37 | 38 | sand | lt br | FMC | clayey sand |
| MC229 | 38 | 39 | sand | lt br | FMC | clayey sand |
| MC229 | 39 | 40 | sand | lt br | FMC | clayey sand |
| MC230 | 0 | 1 | sand | br | FM | clayey sand with rocks |
| MC230 | 1 | 2 | sand | br/or | FM | clayey sand with clay lumps |
| MC230 | 2 | 3 | sand | br/or | FMc | v.clayey sand with hard clay lumps |
| MC230 | 3 | 4 | sand | rd/br | FMc | clayey sand |
| MC230 | 4 | 5 | sand | rd/br | FMc | clayey sand |
| MC230 | 5 | 6 | sand | rd/br | FM | clayey sand |
| MC230 | 6 | 7 | sand | br/or | FFM | clayey sand |
| MC230 | 7 | 8 | sand | br/or | FFM | clayey sand |
| MC230 | 8 | 9 | sand | br/or | FM | clayey sand |
| MC230 | 9 | 10 | sand | lt br/or | FMc | clayey sand with stones |
| MC230 | 10 | 11 | sand | lt br/or | FMc | clayey sand |
| MC230 | 11 | 12 | sand | lt br/or | FMc | clayey sand |
| MC230 | 12 | 13 | sand | lt br/or | FMc | clayey sand |
| MC230 | 13 | 14 | sand | or | FM | clayey sand |
| MC230 | 14 | 15 | sand | or | FM | clayey sand |
| MC230 | 15 | 16 | sand | bone | FMC | clayey sand |
| MC230 | 16 | 17 | sand | bone/or | FM | clayey sand |
| MC230 | 17 | 18 | sand | bone/yw | FM | clayey sand |
| MC230 | 18 | 19 | sand | bone/yw | FM | clayey sand |
| MC230 | 19 | 20 | sand | off white | FM | clayey sand |
| MC230 | 20 | 21 | sand | bone | FMc | clayey sand |
| MC230 | 21 | 22 | sand | bone | FMC+ | clayey sand with stones |
| MC230 | 22 | 23 | sand | bone | FMC+ | clayey sand with stones |
| MC230 | 23 | 24 | sand | pk/gy | FMc | clayey sand |
| MC230 | 24 | 25 | sand | pk/br | FMC | clayey sand |
| MC230 | 25 | 26 | sand | pk/br | FMC | clayey sand |
| MC230 | 26 | 27 | sand | pk/or | FMC | clayey sand |
| MC230 | 27 | 28 | sand | br | FMC | clayey sand |
| MC230 | 28 | 29 | sand | br | FMC | clayey sand with pebbles |
| MC230 | 29 | 30 | sand | br | FMC | clayey sand with rounded pebble layer, WT |
| MC231 | 0 | 1 | sand | br | FM | sand |
| MC231 | 1 | 2 | sand | br/rd | FM | sand |
| MC231 | 2 | 3 | sand | br/rd | FM | clayey sand |
| MC231 | 3 | 4 | sand | br/rd | FM | clayey sand with clay lumps |

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|----|-----------|----------|------|-----------------------------------|
| MC231 | 4 | 5 | sand | br/rd | FM | clayey sand |
| MC231 | 5 | 6 | sand | br/rd | FM | clayey sand |
| MC231 | 6 | 7 | sand | lt br/or | FMc | clayey sand |
| MC231 | 7 | 8 | sand | lt br/or | FMc | clayey sand |
| MC231 | 8 | 9 | sand | lt br/or | FMc | clayey sand |
| MC231 | 9 | 10 | sand | lt br/or | FMc | clayey sand |
| MC231 | 10 | 11 | sand | pk/or | FMc | clayey sand |
| MC231 | 11 | 12 | sand | bone | FMC | clayey sand |
| MC231 | 12 | 13 | sand | bone | FMC | clayey sand |
| MC231 | 13 | 14 | sand | lt or | FMC | clayey sand |
| MC231 | 14 | 15 | sand | lt or | FMC | clayey sand |
| MC231 | 15 | 16 | sand | or | FMC | clayey sand |
| MC231 | 16 | 17 | sand | or/br | FMC | clayey sand |
| MC231 | 17 | 18 | sand | or/br | FMC+ | clayey sand |
| MC231 | 18 | 19 | sand | or/br | FMc | clayey sand |
| MC231 | 19 | 20 | sand | or/br | FMc | clayey sand |
| MC231 | 20 | 21 | sand | lt or/br | FMc | clayey sand |
| MC231 | 21 | 22 | sand | lt br/or | FMc | clayey sand |
| MC231 | 22 | 23 | sand | lt br/or | FM | clayey sand |
| MC231 | 23 | 24 | sand | lt br/or | FM | clayey sand |
| MC231 | 24 | 25 | sand | lt br/or | FMC | clayey sand |
| MC231 | 25 | 26 | sand | lt br/or | FMc | clayey sand |
| MC231 | 26 | 27 | sand | lt br | FMc | clayey sand |
| MC231 | 27 | 28 | sand | lt br/or | FMc | clayey sand |
| MC231 | 28 | 29 | sand | lt br | FMc | clayey sand |
| MC231 | 29 | 30 | sand | lt br | FMC | clayey sand |
| MC231 | 30 | 31 | sand | lt br | FMC | clayey sand |
| MC231 | 31 | 32 | sand | lt br | FMC | clayey sand with large clay lumps |
| MC231 | 32 | 33 | sand | lt br | FM | clayey sand |
| MC231 | 33 | 34 | sand | lt br | FMC | clayey sand |
| MC231 | 34 | 35 | sand | br | FMC | clayey sand |
| MC231 | 35 | 36 | sand | br | FMC+ | clayey sand |
| MC231 | 36 | 37 | sand | br | FMC | clayey sand |
| MC231 | 37 | 38 | sand | pk/br | FMC | clayey sand |
| MC231 | 38 | 39 | sand | pk/br | FMC+ | clayey sand |
| MC231 | 39 | 40 | sand | br | FMC+ | clayey sand with clay lumps |
| MC231 | 40 | 41 | sand | br | FMC | clayey sand |
| MC231 | 41 | 42 | sand | br | FMC | clayey sand |

EL 2793

Mount Compass

Final Report
For the period ending 5/2/2003

| | |
|---------------|------------------------------|
| Author: | B.Borg |
| Date: | February, 2003 |
| Distribution: | PIRSA (1) UAL Gillman (1) |

Report No: TR01/03

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FIGURES

Figure 1 - EL 2793 Location Plan **not to scale**

APPENDICES

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Summary of Activities Conducted

Exploration Licence 2793 was acquired by Unimin Australia Limited in March 2001, as part of their purchase of ACI Industrial Minerals. Early work comprised data review, site familiarisation and landholder liaison. A drill programme aimed at investigating the quantity and quality of the sand resource adjacent to the existing UAL Glenshera sand operation was conducted in December 2001.

A total of 31 aircore holes were drilled on a nominal 200 metre grid, for a total of 1,269 metres. Samples were geologically logged and sampled at one metre intervals, and composited according to geology. A total of 209 composite samples were submitted for analysis at the UAL laboratory at Dandenong, Victoria, the results of which are contained in this report.



Figure 1 – EL2793 Location Plan (not to scale)

Bibliographic Data Sheet

| | |
|------------------------|---|
| REPORT NUMBER | TR01/03 |
| TITLE | EL 2793 MOUNT COMPASS ANNUAL TECHNICAL REPORT FOR THE PERIOD ENDING 5/2/2003 |
| AUTHOR | B. BORG |
| DATE | FEBRUARY 2003 |
| PROSPECT NAME | MOUNT COMPASS |
| OWNER/OPERATOR | UNIMIN AUSTRALIA LIMITED |
| KEY WORDS | SILICA SAND TERTIARY PERMIAN FLUVIO-GLACIAL DEPOSITS GLASS GRADE AIR CORE DRILLING |
| COMMODITY | SILICA SAND |
| TECTONIC UNITS | CAPE JERVIS FORMATION ADELAIDEAN / CAMBRIAN SEDIMENTS MYPONGA INLIER |
| 1:250 000 MAP SHEET(S) | ADELAIDE SI54-09 BARKER SI54-13 |
| 1: 50 000 MAP SHEET | WILLUNGA 6627-3 |

1. Introduction

In December 2002, Unimin Australia Limited (UAL) undertook a 31 hole air core drilling programme on Exploration Licence 2793, aimed at defining a silica sand resource suitable for glass and foundry grade applications. The drilling showed the presence of a significant resource of white sand with the potential to complement the existing reserve at the UAL Glenshera silica sand operation.

1.1 Location and Access

Exploration Licence 2793 is centred on the township of Mt. Compass, located approximately 40 km south of metropolitan Adelaide. Mt Compass is situated on the Adelaide-Victor Harbour highway, and much of the EL is accessible via bitumen roads and public access dirt tracks.

1.2 Tenure

EL 2793 was granted on 6th February 2001, for a period of one year. An application has been submitted to PIRSA requesting renewal of the tenement for a further one year period. EL 2793 covers an area of 216 square kilometres.

Glenshera, the existing UAL sand mining and processing facility 3 km west of Mount Compass is located within EL 2793. Glenshera operates under co-located Mining Lease 5327 and Extractive Mining Lease 5465.

EL 2793 was obtained for the purpose of identifying additional resources to ensure continued supply to the plant at Glenshera.

1.3 Previous Work

The Mount Compass area had been recognised for some time as an important sand resource area. Numerous bores have been sunk over the years, with the sand resource potential not systematically tested until relatively recently.

- Drilling was undertaken in the late 1970s/early 1980s, prior to the opening of a number of garden and filling sand pits located within the current EL area.
- Since 1987, large amounts of drilling have been undertaken at Glenshera to define the glass and foundry sand resource on ML5327.
- In late 1997, PIRSA undertook a 64 hole reverse circulation drilling programme within in a radius of 9 km from Mt Compass. Whilst not discovering any construction sand as had been hoped, the drilling identified five areas offering considerable glass sand potential.

1.4 Exploration Rationale

The drilling undertaken by PIRSA and UAL in the past assisted in planning the drilling campaign undertaken on EL2793. Areas showing most promise in defining an additional glass and foundry sand resource had been defined by both parties, and this information was the basis for further work by UAL. The planned programme to the south and west of the current operation was further influenced by operational aspects related to the existing mine, including logistics, mining costs, rehabilitation and landholder issues.

2. Geology

Palaeoproterozoic gneisses of the Myponga Inlier, and Adelaidean/Cambrian sediments occur as the basement rocks to the sand in the EL area. The gneisses outcrop in the centre, whilst the sediments occur on the north western and eastern margins of the EL.

According to Pain, Shaw and Valentine (1999, p.4), fine to medium grained sands of the Cape Jervis Formation were deposited into steeply incised valleys by glacial meltwater as the Permian glaciers retreated to the east at the end of the Permian glaciation. The upper levels of Permian sands were reworked during the Tertiary giving them higher clay and iron contents. Iron capping as a result of lateritisation during the Tertiary are present in places, generally overlying the Tertiary sands.

The Tertiary sand has an average thickness of 5-7m, and typically occurs as an upper zone of yellow, fine, clean sand overlying an orange-red, fine to medium grained, clayey sand. Some holes drilled in the EL exhibited an ironstone layer at about 8-9m below the surface, which may signify the base of the Tertiary layer.

Underlying the Tertiary sand is the Permian sand up to 200m thick, however as mining is restricted to above the water table, much of this resource cannot be utilised. The Permian sand generally ranges in colour from white through yellow to pink, with a low iron content making it suitable for white glass grade and foundry sand products. In some areas, iron oxides moving in groundwater from the Tertiary ironstone outcrops have stained the Permian sand, reducing its quality, and the variety of applications for which it is suited.

3. Drilling

Thirty one aircore holes for a total of 1,269 metres were drilled in December 2001. The holes were drilled in the area to the west and southwest of the current mine, as illustrated in Appendix 5. Two holes (MC225 and MC226) were drilled within the area of ML 5273.

Holes were planned for drilling on a nominal 200 metre grid, with final locations modified where necessary to ensure ease of access for the drill rig. In general, holes were drilled to a depth of 42 metres, with some holes terminated early due to impenetrable stony layers or proximity to the water table. All holes were geologically logged and sampled at one metre intervals prior to the samples being composited on the basis of sizing and colour. A total of 209 composite samples (1201701-1201909) were submitted for analysis to the Unimin laboratory in Dandenong, Victoria. Results are attached as Appendix 4. A further 1250 one metre samples are stored at UAL Gillman if reanalysis becomes necessary.

3.1 Sample Analysis

The drilling samples are being tested by UAL Laboratories in Dandenong and Braeside, Victoria, for the following quality determinants:

Glass Grade Recovery – The percentage of sand reporting to the +75 to -600 micron range. This is determined by washing and screening the test samples to simulate the operation of the processing plant.

Particle Size Distribution - Determines the size variation within the sand to gauge suitability for various applications.

Heavy Liquid Separation – Determines the heavy mineral content of the sand. Lower percentages are preferred, as they are more easily removed by the processing plant.

XRF - Determines the chemistry of the glass grade sample, after fines (-75 micron), oversize (+600 microns) and heavy minerals have been removed. The oxides particularly of interest are Fe₂O₃, TiO₂, Al₂O₃ and Cr₂O₃.

4. Environmental

All drilling undertaken during the 2001 drilling programme was conducted in cleared paddocks. All drillholes were capped, and all samples and rubbish were removed from the site. No earthmoving was necessary to facilitate access to drill sites resulting in minimal disturbance to the environment.

5. Conclusions

After the receipt of drill sample analysis, it appears as though a significant extension to the Glenshera white sand resource is likely. These results, together with field observations indicate the presence of significant quantities of white sand suitable for use in the glass and foundry industries. The amber sand content, used for specified customers, remains low however, and further exploration efforts will be made to increase the quantity of this sand type. Now that analytical results from the 2001 drilling campaign have been received, a computer based geological model will be generated to enable a sand resource to be estimated.

6. References

- Johnson, P.D. (2000).** Glenshera Sand, ML5327, Geological Report on Drillholes MC122-MC161, Mining Stages 2&3, Johnson Geological Services (unpublished report).
- Martin, R. (2001).** Glenshera Glass and Specialty Sand Mine, South Australia. FiveYear Mine Plan, Unimin Australia Limited (unpublished internal report).
- Pain, A.M., Shaw, R.A. and Valentine, J.T. (1999).** Sand Resources of the Mount Compass Area. Reconnaissance Drilling and Testing. Adelaide: PIRSA.

Appendix 1

Expenditure Statement

Expenditure Statement

The following costs were incurred on EL 2793 during the reporting period.

Tenement Costs

| | |
|------------|----------|
| Rent/Rates | \$ 1,107 |
|------------|----------|

Logistics Costs

| | |
|---|----------|
| Geological Planning/Supervision/Reporting | \$ 2,000 |
| Field Technical/Survey | \$ 2,000 |

Administration

| | |
|----------------------|----------|
| Tenement Maintenance | \$ 1,900 |
|----------------------|----------|

| | |
|----------------------------------|------------------------|
| <u>2002/3 Expenditure</u> | <u>\$ 7,007</u> |
|----------------------------------|------------------------|

The total expenditure for the EL is as follows:

Geological Costs

| | |
|---------------------|-----------|
| Contract Geological | \$ 1,900 |
| Laboratory Costs* | \$ 58,520 |

Tenement Costs

| | |
|------------|----------|
| Rent/Rates | \$ 2,214 |
|------------|----------|

Drilling Costs

| | |
|-----------------|-----------|
| Direct Drilling | \$ 19,604 |
| Consumables | \$ 865 |

Logistics Costs

| | |
|---|-----------|
| Geological Planning/Supervision/Reporting | \$ 11,600 |
| Field Technical/Survey | \$ 4,781 |
| Freight | \$ 30 |

Administration

| | |
|----------------------|----------|
| Tenement Maintenance | \$ 3,800 |
|----------------------|----------|

| | |
|---------------------------------|-------------------------|
| <u>Total Expenditure</u> | <u>\$103,044</u> |
|---------------------------------|-------------------------|

Appendix 2

Drill Hole Specifications

DRILL HOLE SPECIFICATIONS

Company: Unimin Australia Limited
Tenement No: EL 2793
Project Name: Mt Compass
Drilling Contractor: Budd Drilling Pty Ltd
Rig Type: DT40-AC, 150psi x 250cfm, top drive Toyota mounted drill rig
Drilling Method: Air Core
Datum: AGD 84

| HOLE | EAST | NORTH | RL | AZIMUTH | DIP | HOLE DEPTH | DATE |
|-------|--------|---------|-----|---------|-----|---------------|------------|
| | (AMG) | (AMG) | | | | (M) | |
| MC200 | 279420 | 6084630 | 333 | 0 | -90 | 42 | 27/11/2001 |
| MC201 | 279220 | 6084630 | 320 | 0 | -90 | 42 | 27/11/2001 |
| MC202 | 279020 | 6084630 | 310 | 0 | -90 | 39 | 27/11/2001 |
| MC203 | 279020 | 6084830 | 302 | 0 | -90 | 27 | 27/11/2001 |
| MC204 | 279220 | 6084830 | 311 | 0 | -90 | 39 | 27/11/2001 |
| MC205 | 279420 | 6084830 | 324 | 0 | -90 | 37 | 28/11/2001 |
| MC206 | 279820 | 6084630 | 341 | 0 | -90 | 40 | 28/11/2001 |
| MC207 | 279870 | 6084430 | 321 | 0 | -90 | 42 | 28/11/2001 |
| MC208 | 279820 | 6084430 | 323 | 0 | -90 | 42 | 28/11/2001 |
| MC209 | 279620 | 6084630 | 328 | 0 | -90 | 42 | 28/11/2001 |
| MC210 | 279920 | 6084630 | 336 | 0 | -90 | 42 | 29/11/2001 |
| MC211 | 279820 | 6084530 | 325 | 0 | -90 | 40 | 29/11/2001 |
| MC212 | 279820 | 6084730 | 345 | 0 | -90 | 40 | 29/11/2001 |
| MC213 | 280020 | 6084730 | 335 | 0 | -90 | 42 | 30/11/2001 |
| MC214 | 280220 | 6084930 | 358 | 0 | -90 | 8 | 30/11/2001 |
| MC215 | 280420 | 6084930 | 358 | 0 | -90 | 42 | 30/11/2001 |
| MC216 | 280520 | 6084830 | 356 | 0 | -90 | 42 | 30/11/2001 |
| MC217 | 280420 | 6084730 | 350 | 0 | -90 | 42 | 30/11/2001 |
| MC218 | 280420 | 6084830 | 359 | 0 | -90 | 42 | 30/11/2001 |
| MC219 | 280220 | 6084830 | 345 | 0 | -90 | 42 | 12/01/2001 |
| MC220 | 280420 | 6084630 | 346 | 0 | -90 | 42 | 12/01/2001 |
| MC221 | 280320 | 6084630 | 335 | 0 | -90 | 42 | 12/01/2001 |
| MC222 | 280620 | 6084430 | 330 | 0 | -90 | 42 | 12/01/2001 |
| MC223 | 280420 | 6084430 | 325 | 0 | -90 | 42 | 12/01/2001 |
| MC224 | 280420 | 6084130 | 330 | 0 | -90 | 42 | 12/01/2001 |
| MC225 | 279820 | 6085200 | 325 | 0 | -90 | 42 | 12/01/2001 |
| MC226 | 279720 | 6085200 | 325 | 0 | -90 | 42 | 12/02/2001 |
| MC227 | 279420 | 6084730 | 330 | 0 | -90 | 42 | 12/02/2001 |
| MC228 | 279220 | 6084730 | 320 | 0 | -90 | 42 | 12/02/2001 |
| MC229 | 279220 | 6084530 | 330 | 0 | -90 | 42 | 12/02/2001 |
| MC230 | 278920 | 6084430 | 320 | 0 | -90 | 30 | 12/02/2001 |
| MC231 | 278620 | 6084430 | 315 | 0 | -90 | 42 | 12/02/2001 |

Appendix 3

Drilling Geological Logs

LEGEND

Colour

or = orange
pk = pink
wt = white
lt = light
dk = dark
br = brown
rd = red
sal = salmon
bone = bone
brt = bright
apr = apricot
off wt = off white
clt = claret
must = mustard
yw = yellow
gy = grey
bl = blue
gn = green

Sizing

F = fine
M = medium
C = coarse
FFM = very fine/medium
FM = fine/medium
FMc = fine/medium/minor coarse
FMC = fine/medium/coarse
FMC+ = fine/medium/major coarse

Description

qtz = quartz
Fe = iron
sl = slightly
WT = water table

| HOLE | FROM | TO | LITHOLOGY | COLOUR | SIZE | DESCRIPTION |
|-------|------|------|-----------|----------|------|---|
| MC200 | 0.0 | 1.0 | sand | or | FMC | clayey sand |
| MC200 | 1.0 | 2.0 | sand | or | FM | clayey sand with clay lumps |
| MC200 | 2.0 | 3.0 | sand | or | FM | clayey sand |
| MC200 | 3.0 | 4.0 | sand | or | FM | clayey sand with tan pebbles |
| MC200 | 4.0 | 5.0 | sand | or/pk | FMC | clayey sand |
| MC200 | 5.0 | 6.0 | sand | or/pk | FM | clayey sand |
| MC200 | 6.0 | 7.0 | sand | or/pk/wt | FM | clayey sand |
| MC200 | 7.0 | 8.0 | sand | lt or | FM | clayey sand |
| MC200 | 8.0 | 9.0 | sand | dk or | FFM | clayey sand |
| MC200 | 9.0 | 10.0 | sand | dk or | FM | clayey sand |
| MC200 | 10.0 | 11.0 | sand | or | FM | clayey sand |
| MC200 | 11.0 | 12.0 | sand | or/pk | FM | clayey sand |
| MC200 | 12.0 | 13.0 | sand | or/pk | FM | clayey sand |
| MC200 | 13.0 | 14.0 | sand | pk | FM | sl. clayey sand |
| MC200 | 14.0 | 15.0 | sand | pk | FMc | clayey sand |
| MC200 | 15.0 | 16.0 | sand | lt pk/br | FMc | clayey sand with gravel |
| MC200 | 16.0 | 17.0 | sand | lt pk/br | FMc | clayey sand |
| MC200 | 17.0 | 18.0 | sand | pk | FMc | clayey sand with qtz pebbles and clay nodules |
| MC200 | 18.0 | 19.0 | sand | lt pk | FM | very clayey sand |
| MC200 | 19.0 | 20.0 | sand | lt pk | FM | clayey sand |
| MC200 | 20.0 | 21.0 | sand | br/pk | FMc | clayey sand |
| MC200 | 21.0 | 22.0 | sand | br/pk | FMc | clayey sand |
| MC200 | 22.0 | 23.0 | sand | br/pk | FMc | clayey sand |
| MC200 | 23.0 | 24.0 | sand | br/pk | FM | clayey sand |
| MC200 | 24.0 | 25.0 | sand | br/pk | FM | clayey sand |
| MC200 | 25.0 | 26.0 | sand | dk pk | FMC | clayey sand with qtz pebbles |
| MC200 | 26.0 | 27.0 | sand | dk pk | FMC | clayey sand |
| MC200 | 27.0 | 28.0 | sand | pk | FMc | clayey sand |
| MC200 | 28.0 | 29.0 | sand | pk | FM | silty sand |
| MC200 | 29.0 | 30.0 | sand | pk | FM | silty sand |
| MC200 | 30.0 | 31.0 | sand | pk | FMc | clayey sand |
| MC200 | 31.0 | 32.0 | sand | pk | FMc | clayey sand |
| MC200 | 32.0 | 33.0 | sand | pk | FMc | clayey sand |
| MC200 | 33.0 | 34.0 | sand | pk | FMc | clayey sand |
| MC200 | 34.0 | 35.0 | sand | pk/br | FM | silty sand |
| MC200 | 35.0 | 36.0 | sand | pk | FMc | clayey sand |
| MC200 | 36.0 | 37.0 | sand | br/pk | FMc | clayey sand |
| MC200 | 37.0 | 38.0 | sand | br/pk | FM | silty sand |
| MC200 | 38.0 | 39.0 | sand | br/pk | FM | silty sand |
| MC200 | 39.0 | 40.0 | sand | br/pk | FMc | clayey sand |
| MC200 | 40.0 | 41.0 | sand | br | FMc | clayey sand |
| MC200 | 41.0 | 42.0 | sand | br | FMc | clayey sand |
| MC201 | 0.0 | 1.0 | clay | br/or | F | clay with gravel fragments |
| MC201 | 1.0 | 2.0 | sand | or | FMC | clayey sand with gravel fragments |
| MC201 | 2.0 | 3.0 | sand | or | FMC | clayey sand with white clay lumps and pebbles |
| MC201 | 3.0 | 4.0 | sand | or | FMC | clayey sand |
| MC201 | 4.0 | 5.0 | sand | or | FMc | clayey sand |
| MC201 | 5.0 | 6.0 | sand | or | FM | clayey sand |
| MC201 | 6.0 | 7.0 | sand | pk/sal | FMc | clayey sand with white clay lumps |
| MC201 | 7.0 | 8.0 | sand | pk/sal | FMc | clayey sand |
| MC201 | 8.0 | 9.0 | sand | pk/sal | FMc | clayey sand |
| MC201 | 9.0 | 10.0 | sand | pk/sal | FMc | clayey sand |

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|-------|------|------|------|------------|-----|--|
| MC201 | 10.0 | 11.0 | sand | pk/sal | FM | clayey sand |
| MC201 | 11.0 | 12.0 | sand | pk/sal | FM | clayey sand |
| MC201 | 12.0 | 13.0 | sand | pk/sal | FM | clayey sand |
| MC201 | 13.0 | 14.0 | sand | pk/br | FMc | clayey sand |
| MC201 | 14.0 | 15.0 | sand | pk/br | FM | v. clayey sand |
| MC201 | 15.0 | 16.0 | sand | br/pk | FM | v. clayey sand |
| MC201 | 16.0 | 17.0 | sand | br/pk | FM | v. clayey sand |
| MC201 | 17.0 | 18.0 | sand | bone | FM | clayey sand with clay lumps |
| MC201 | 18.0 | 19.0 | sand | bone | FM | clayey sand |
| MC201 | 19.0 | 20.0 | sand | bone | FM | silty sand with stone fragments |
| MC201 | 20.0 | 21.0 | sand | br/pk | FM | clayey sand |
| MC201 | 21.0 | 22.0 | sand | br/pk | FM | clayey sand |
| MC201 | 22.0 | 23.0 | sand | br/pk | FM | clayey sand |
| MC201 | 23.0 | 24.0 | sand | br | FM | clayey sand with stone fragments |
| MC201 | 24.0 | 25.0 | sand | br/pk | FM | clayey sand |
| MC201 | 25.0 | 26.0 | sand | pk | FM | clayey sand |
| MC201 | 26.0 | 27.0 | sand | br/pk | FM | clayey sand |
| MC201 | 27.0 | 28.0 | sand | pk | FM | clayey sand with hard clay lumps |
| MC201 | 28.0 | 29.0 | sand | dk pk | FM | clayey sand |
| MC201 | 29.0 | 30.0 | sand | dk pk | FM | clayey sand |
| MC201 | 30.0 | 31.0 | sand | pk | FMc | clayey sand |
| MC201 | 31.0 | 32.0 | sand | pk/br | FMc | clayey sand |
| MC201 | 32.0 | 33.0 | sand | pk/br | FMc | clayey sand with stone fragments and pebbles |
| MC201 | 33.0 | 34.0 | sand | pk/br | FMc | clayey sand |
| MC201 | 34.0 | 35.0 | sand | pk | FM | clayey sand |
| MC201 | 35.0 | 36.0 | sand | pk | FM | clayey sand |
| MC201 | 36.0 | 37.0 | sand | pk | FM | clayey sand |
| MC201 | 37.0 | 38.0 | sand | pk | FM | clayey sand |
| MC201 | 38.0 | 39.0 | sand | dk pk | FM | clayey sand with clay lumps |
| MC201 | 39.0 | 40.0 | sand | dk pk | FM | clayey sand |
| MC201 | 40.0 | 41.0 | sand | dk pk | FM | v. clayey sand with stone fragments |
| MC201 | 41.0 | 42.0 | sand | dk pk | FM | clayey sand |
| MC202 | 0.0 | 1.0 | clay | br | FM | sandy clay with lumps |
| MC202 | 1.0 | 2.0 | clay | br | FM | sandy clay with lumps |
| MC202 | 2.0 | 3.0 | sand | rd/or | FM | clayey sand with clay lumps |
| MC202 | 3.0 | 4.0 | sand | rd/or | FM | clayey sand with clay lumps |
| MC202 | 4.0 | 5.0 | sand | or | FM | clayey sand with clay lumps |
| MC202 | 5.0 | 6.0 | sand | or/bone | FM | clayey sand with gravel layer @6m |
| MC202 | 6.0 | 7.0 | sand | sal | FM | clayey sand with some clay lumps |
| MC202 | 7.0 | 8.0 | sand | brt or/apr | FFM | clayey sand |
| MC202 | 8.0 | 9.0 | sand | brt or/apr | FMc | clayey sand |
| MC202 | 9.0 | 10.0 | sand | or/pk | FM | clayey sand |
| MC202 | 10.0 | 11.0 | sand | or/pk | FM | clayey sand |
| MC202 | 11.0 | 12.0 | sand | dk or/pk | FM | silty sand |
| MC202 | 12.0 | 13.0 | sand | pk/br | FM | v. clayey sand |
| MC202 | 13.0 | 14.0 | sand | pk/br | FM | clayey sand |
| MC202 | 14.0 | 15.0 | sand | pk/br | FM | clayey sand with minor white clay lumps |
| MC202 | 15.0 | 16.0 | sand | lt pk/br | FFM | clayey sand |
| MC202 | 16.0 | 17.0 | sand | pk/br | FM | clayey sand |
| MC202 | 17.0 | 18.0 | sand | dk pk/br | FM | clayey sand |
| MC202 | 18.0 | 19.0 | sand | pk | FM | clayey sand |
| MC202 | 19.0 | 20.0 | sand | pk | FM | clayey sand with clay lumps |
| MC202 | 20.0 | 21.0 | sand | pk/br | FM | clayey sand with rock fragments |
| MC202 | 21.0 | 22.0 | sand | pk/br | FM | clayey sand |
| MC202 | 22.0 | 23.0 | sand | pk/br | FM | clayey sand with minor pebbles |

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|-------|------|------|------|-----------|-----|---|
| MC202 | 23.0 | 24.0 | sand | dk pk/br | FM | silty sand |
| MC202 | 24.0 | 25.0 | sand | lt sal/br | FMM | clayey sand with minor clay lumps |
| MC202 | 25.0 | 26.0 | sand | lt sal/br | FM | clayey sand |
| MC202 | 26.0 | 27.0 | sand | lt sal/br | FM | clayey sand |
| MC202 | 27.0 | 28.0 | sand | dk pk/br | FM | v. clayey sand |
| MC202 | 28.0 | 29.0 | sand | dk pk/br | FM | clayey sand |
| MC202 | 29.0 | 30.0 | sand | dk pk/br | FM | clayey sand |
| MC202 | 30.0 | 31.0 | sand | dk pk/rd | FMM | clayey sand |
| MC202 | 31.0 | 32.0 | sand | dk pk/br | FMM | clayey sand |
| MC202 | 32.0 | 33.0 | sand | dk pk/br | FMM | clayey sand |
| MC202 | 33.0 | 34.0 | sand | dk pk/br | FMM | v. clayey sand |
| MC202 | 34.0 | 35.0 | sand | dk pk/br | FM | clayey sand |
| MC202 | 35.0 | 36.0 | sand | dk pk/br | FM | clayey sand |
| MC202 | 36.0 | 37.0 | sand | dk pk/br | FM | silty sand, wet WATER TABLE |
| MC202 | 37.0 | 38.0 | sand | dk pk/br | FM | silty sand, wet WATER TABLE |
| MC202 | 38.0 | 39.0 | sand | dk pk/br | FM | silty sand, wet WATER TABLE |
| MC203 | 0.0 | 1.0 | clay | br/or | F | sandy clay |
| MC203 | 1.0 | 2.0 | clay | br/or | F | sandy clay |
| MC203 | 2.0 | 3.0 | sand | br/or | FM | clayey sand |
| MC203 | 3.0 | 4.0 | sand | br/or | FM | clayey sand |
| MC203 | 4.0 | 5.0 | sand | br/or | FM | clayey sand |
| MC203 | 5.0 | 6.0 | sand | br/pk | FM | clayey sand |
| MC203 | 6.0 | 7.0 | sand | br/pk | FM | clayey sand with clay lumps |
| MC203 | 7.0 | 8.0 | sand | dk pk | FM | clayey sand with dk clay lumps |
| MC203 | 8.0 | 9.0 | sand | dk pk | FM | clayey sand |
| MC203 | 9.0 | 10.0 | sand | brt rd/pk | FM | clayey sand with clay lumps |
| MC203 | 10.0 | 11.0 | sand | brt rd/pk | FM | clayey sand with clay lumps |
| MC203 | 11.0 | 12.0 | sand | brt rd/pk | FM | clayey sand |
| MC203 | 12.0 | 13.0 | sand | brt rd/pk | FM | clayey sand |
| MC203 | 13.0 | 14.0 | sand | brt rd/pk | FM | clayey sand |
| MC203 | 14.0 | 15.0 | sand | pk/br | FM | clayey sand |
| MC203 | 15.0 | 16.0 | sand | pk/br | FM | clayey sand |
| MC203 | 16.0 | 17.0 | sand | pk/br | FM | clayey sand |
| MC203 | 17.0 | 18.0 | sand | pk/br | FM | clayey sand |
| MC203 | 18.0 | 19.0 | sand | pk/br | FM | clayey sand |
| MC203 | 19.0 | 20.0 | sand | pk/br | FM | clayey sand |
| MC203 | 20.0 | 21.0 | sand | pk/br | FM | clayey sand |
| MC203 | 21.0 | 22.0 | sand | pk/br | FM | clayey sand |
| MC203 | 22.0 | 23.0 | sand | pk/br | FM | clayey sand |
| MC203 | 23.0 | 24.0 | sand | pk/br | FM | clayey sand |
| MC203 | 24.0 | 25.0 | sand | pk/br | FM | clayey sand |
| MC203 | 25.0 | 26.0 | sand | pk/br | FM | clayey sand |
| MC203 | 26.0 | 27.0 | sand | pk/br | FM | clayey sand |
| MC203 | 27.0 | 28.0 | sand | pk/br | FM | clayey sand, wet, WATER TABLE |
| MC203 | 28.0 | 29.0 | sand | pk/br | FM | clayey sand, wet, WATER TABLE |
| MC203 | 29.0 | 30.0 | sand | pk/br | FM | clayey sand, wet, WATER TABLE |
| MC203 | 30.0 | 31.0 | sand | pk/br | FM | clayey sand, wet, WATER TABLE with stones |
| MC203 | 31.0 | 32.0 | sand | pk/br | FM | clayey sand, wet, WATER TABLE |
| MC203 | 32.0 | 33.0 | sand | pk/br | FM | clayey sand, wet, WATER TABLE with clay lumps |
| MC204 | 0.0 | 1.0 | clay | br | F | sandy clay with small stones |
| MC204 | 1.0 | 2.0 | clay | br/or | F | sandy clay with clay lumps |
| MC204 | 2.0 | 3.0 | sand | or | FM | clayey sand |
| MC204 | 3.0 | 4.0 | sand | or | FM | clayey sand with hard Fe stones |
| MC204 | 4.0 | 5.0 | sand | rd/or | FFM | clayey sand with clay lumps and Fe |

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|-------|------|------|------|-------------|-----|---|
| | | | | | | stones |
| MC204 | 5.0 | 6.0 | sand | rd/or | FFM | clayey sand with clay lumps and Fe stones |
| MC204 | 6.0 | 7.0 | sand | or/pk | FMc | clayey sand with gravel |
| MC204 | 7.0 | 8.0 | sand | pk/or | FM | clayey sand |
| MC204 | 8.0 | 9.0 | sand | pk/or | FM | clayey sand with Fe stone |
| MC204 | 9.0 | 10.0 | sand | pk/or | FM | clayey sand |
| MC204 | 10.0 | 11.0 | sand | pk/or | FM | clayey sand with stones |
| MC204 | 11.0 | 12.0 | sand | pk/or | FM | clayey sand |
| MC204 | 12.0 | 13.0 | sand | dk pk/or | FM | clayey sand |
| MC204 | 13.0 | 14.0 | sand | dk pk/or | FM | clayey sand |
| MC204 | 14.0 | 15.0 | sand | pk | FM | clayey sand |
| MC204 | 15.0 | 16.0 | sand | dk pk/rd | FM | clayey sand |
| MC204 | 16.0 | 17.0 | sand | pk | FM | clayey sand |
| MC204 | 17.0 | 18.0 | sand | pk | FM | clayey sand |
| MC204 | 18.0 | 19.0 | sand | lt pk | FM | clayey sand |
| MC204 | 19.0 | 20.0 | sand | lt pk/bone | FM | silty sand |
| MC204 | 20.0 | 21.0 | sand | off wt | FM | clayey sand |
| MC204 | 21.0 | 22.0 | sand | off wt | FM | silty sand |
| MC204 | 22.0 | 23.0 | sand | off wt | FM | clayey sand |
| MC204 | 23.0 | 24.0 | sand | off wt | FMM | clayey sand |
| MC204 | 24.0 | 25.0 | sand | bone | FM | clayey/silty sand |
| MC204 | 25.0 | 26.0 | sand | bone | FM | clayey/silty sand |
| MC204 | 26.0 | 27.0 | sand | bone/pk | FM | clayey sand |
| MC204 | 27.0 | 28.0 | sand | bone/pk | FM | v. clayey sand |
| MC204 | 28.0 | 29.0 | sand | bone/pk | FM | clayey sand |
| MC204 | 29.0 | 30.0 | sand | bone/pk | FM | clayey sand |
| MC204 | 30.0 | 31.0 | sand | off wt | FM | clayey sand |
| MC204 | 31.0 | 32.0 | sand | off wt | FMM | clayey sand |
| MC204 | 32.0 | 33.0 | sand | off wt | FMM | clayey sand |
| MC204 | 33.0 | 34.0 | sand | off wt | FMM | clayey sand |
| MC204 | 34.0 | 35.0 | sand | off wt | FMM | clayey sand |
| MC204 | 35.0 | 36.0 | sand | off wt | FMM | clayey sand with gravel and qtz pebbles, WT |
| MC204 | 36.0 | 37.0 | sand | off wt | FMC | clayey sand with gravel, WATER TABLE |
| MC204 | 37.0 | 38.0 | sand | off wt/bone | FMC | clayey sand with gravel, WATER TABLE |
| MC204 | 38.0 | 39.0 | sand | off wt/bone | FMC | clayey sand with gravel, WATER TABLE |
| MC205 | 0.0 | 1.0 | sand | br/or | FM | clayey sand |
| MC205 | 1.0 | 2.0 | sand | br/or | FM | clayey sand with clay lumps |
| MC205 | 2.0 | 3.0 | sand | br/or | FM | clayey sand with clay lumps |
| MC205 | 3.0 | 4.0 | sand | br/pk | FM | clayey sand with minor clay lumps |
| MC205 | 4.0 | 5.0 | sand | br/pk | FM | clayey sand |
| MC205 | 5.0 | 6.0 | sand | br/or | FM | clayey sand |
| MC205 | 6.0 | 7.0 | sand | br/pk | F | clayey sand |
| MC205 | 7.0 | 8.0 | sand | br/pk | F | clayey sand |
| MC205 | 8.0 | 9.0 | sand | dk pk | F | clayey sand |
| MC205 | 9.0 | 10.0 | sand | lt pk | F | clayey sand |
| MC205 | 10.0 | 11.0 | sand | lt pk | F | clayey sand |
| MC205 | 11.0 | 12.0 | sand | pk | FM | clayey sand |
| MC205 | 12.0 | 13.0 | sand | dk pk | FM | clayey sand |
| MC205 | 13.0 | 14.0 | sand | dk pk | FMc | clayey sand |
| MC205 | 14.0 | 15.0 | sand | pk | Mc | clayey sand |
| MC205 | 15.0 | 16.0 | sand | lt pk | FMC | clayey sand |
| MC205 | 16.0 | 17.0 | sand | lt pk | FMC | clayey sand with gravel |
| MC205 | 17.0 | 18.0 | sand | lt pk | FMC | clayey sand with gravel |
| MC205 | 18.0 | 19.0 | sand | lt pk | FMC | clayey sand with Fe stones |

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|-------|------|------|------|----------|-----|---|
| MC205 | 19.0 | 20.0 | sand | pk | FMC | clayey sand with gravel |
| MC205 | 20.0 | 21.0 | sand | lt pk | FMC | clayey sand |
| MC205 | 21.0 | 22.0 | sand | pk/bone | FMC | clayey sand with lots gravel |
| MC205 | 22.0 | 23.0 | sand | pk/bone | FMC | clayey sand |
| MC205 | 23.0 | 24.0 | sand | pk/bone | FM | clayey sand |
| MC205 | 24.0 | 25.0 | sand | pk/bone | FM | clayey sand |
| MC205 | 25.0 | 26.0 | sand | pk/bone | FM | clayey sand with clay lumps |
| MC205 | 26.0 | 27.0 | sand | pk/br | FM | clayey sand |
| MC205 | 27.0 | 28.0 | sand | pk/br | FMc | clayey sand |
| MC205 | 28.0 | 29.0 | sand | pk/br | FMc | clayey sand with clay lumps |
| MC205 | 29.0 | 30.0 | sand | pk/br | FMc | clayey sand with clay lumps |
| MC205 | 30.0 | 31.0 | sand | pk/br | FMc | clayey sand with gravel |
| MC205 | 31.0 | 32.0 | sand | dk pk/br | FM | clayey sand |
| MC205 | 32.0 | 33.0 | sand | bone/pk | FMc | clayey sand |
| MC205 | 33.0 | 34.0 | sand | bone/pk | FMc | clayey sand with large stones |
| MC205 | 34.0 | 35.0 | sand | pk | FM | clayey sand |
| MC205 | 35.0 | 36.0 | sand | pk | FM | clayey sand |
| MC205 | 36.0 | 37.0 | sand | pk | FMc | clayey sand, WATER TABLE |
| MC206 | 0.0 | 1.0 | clay | or/br | F | clay with hard lumps |
| MC206 | 1.0 | 2.0 | clay | or/br | F | clay with hard lumps |
| MC206 | 2.0 | 3.0 | clay | dk br/rd | F | clay with hard lumps |
| MC206 | 3.0 | 4.0 | clay | dk rd/br | F | clay with hard lumps |
| MC206 | 4.0 | 5.0 | clay | br/or | F | clay with wt/rd/gy layered lumps |
| MC206 | 5.0 | 6.0 | clay | br/or | F | clay with wt/rd/gy layered lumps |
| MC206 | 6.0 | 7.0 | sand | or/rd | FM | clayey sand with clay lumps |
| MC206 | 7.0 | 8.0 | sand | rd/or | FM | clayey sand with stones and clay lumps |
| MC206 | 8.0 | 9.0 | sand | rd/or | FM | clayey sand with stones and clay lumps |
| MC206 | 9.0 | 10.0 | sand | rd/or | FM | clayey sand with sandstone layer @ 9.8m |
| MC206 | 10.0 | 11.0 | sand | rd/br | FM | clayey sand with stones |
| MC206 | 11.0 | 12.0 | sand | pk/br | FM | clayey sand with clay lumps |
| MC206 | 12.0 | 13.0 | sand | pk/br | FM | clayey sand with stones and qtz pebbles |
| MC206 | 13.0 | 14.0 | sand | lt pk/br | FM | clayey sand |
| MC206 | 14.0 | 15.0 | sand | br/or | FM | silty sand with stones |
| MC206 | 15.0 | 16.0 | sand | pk/br | FM | clayey sand |
| MC206 | 16.0 | 17.0 | sand | sal | FM | clayey sand |
| MC206 | 17.0 | 18.0 | sand | sal | FM | clayey sand with stones |
| MC206 | 18.0 | 19.0 | sand | dk sal | FM | clayey sand |
| MC206 | 19.0 | 20.0 | sand | dk sal | FFM | clayey sand |
| MC206 | 20.0 | 21.0 | sand | dk sal | FFM | clayey sand |
| MC206 | 21.0 | 22.0 | sand | dk sal | FFM | clayey sand |
| MC206 | 22.0 | 23.0 | sand | dk sal | FM | clayey sand |
| MC206 | 23.0 | 24.0 | sand | dk sal | FM | clayey sand |
| MC206 | 24.0 | 25.0 | sand | dk sal | FM | clayey sand with stones |
| MC206 | 25.0 | 26.0 | sand | dk sal | FM | clayey sand with stones |
| MC206 | 26.0 | 27.0 | sand | pk/br | FM | clayey sand with stones |
| MC206 | 27.0 | 28.0 | sand | br/pk | FM | silty sand with stones |
| MC206 | 28.0 | 29.0 | sand | pk/br | FM | clayey sand |
| MC206 | 29.0 | 30.0 | sand | pk/br | FMc | clayey sand |
| MC206 | 30.0 | 31.0 | sand | br/pk | FM | clayey sand |
| MC206 | 31.0 | 32.0 | sand | br/pk | FM | clayey sand with stones |
| MC206 | 32.0 | 33.0 | sand | br/pk | FM | clayey sand |
| MC206 | 33.0 | 34.0 | sand | br/pk | FM | clayey sand |
| MC206 | 34.0 | 35.0 | sand | br/pk | FM | clayey sand |
| MC206 | 35.0 | 36.0 | sand | br/pk | FMC | clayey sand |
| MC206 | 36.0 | 37.0 | sand | br | FM | v. clayey sand with large pebbles |
| MC206 | 37.0 | 38.0 | sand | br/pk | FMC | clayey sand with few pebbles/stones |

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|-------|------|------|------|----------|-----|--|
| MC206 | 38.0 | 39.0 | sand | br | FMc | clayey sand |
| MC206 | 39.0 | 40.0 | sand | br/pk | FMc | clayey sand |
| MC207 | 0.0 | 1.0 | clay | br | F | clay with stoney layer |
| MC207 | 1.0 | 2.0 | sand | br/or | FM | clayey sand |
| MC207 | 2.0 | 3.0 | sand | br | FM | clayey sand with wt clay lumps |
| MC207 | 3.0 | 4.0 | sand | br/rd | FM | clayey sand |
| MC207 | 4.0 | 5.0 | sand | br/or | FFM | clayey sand |
| MC207 | 5.0 | 6.0 | sand | br/or | FFM | clayey sand |
| MC207 | 6.0 | 7.0 | sand | pk | FM | clayey sand |
| MC207 | 7.0 | 8.0 | sand | pk | FM | clayey sand |
| MC207 | 8.0 | 9.0 | sand | pk | FM | clayey sand |
| MC207 | 9.0 | 10.0 | sand | pk | FM | clayey sand |
| MC207 | 10.0 | 11.0 | sand | pk | FFM | clayey sand |
| MC207 | 11.0 | 12.0 | sand | pk | FFM | clayey sand |
| MC207 | 12.0 | 13.0 | sand | pk | FFM | clayey sand |
| MC207 | 13.0 | 14.0 | sand | br/or | FFM | clayey sand |
| MC207 | 14.0 | 15.0 | sand | br/or | FM | clayey sand |
| MC207 | 15.0 | 16.0 | sand | pk/br | FM | clayey sand |
| MC207 | 16.0 | 17.0 | sand | pk/br | FM | clayey sand |
| MC207 | 17.0 | 18.0 | sand | pk/br | FM | clayey sand |
| MC207 | 18.0 | 19.0 | sand | lt pk/br | FM | clayey sand |
| MC207 | 19.0 | 20.0 | sand | lt pk/br | FM | clayey sand |
| MC207 | 20.0 | 21.0 | sand | pk | FM | clayey sand |
| MC207 | 21.0 | 22.0 | sand | pk/br | FM | clayey sand |
| MC207 | 22.0 | 23.0 | sand | pk/br | FFM | silty sand |
| MC207 | 23.0 | 24.0 | sand | pk/br | FM | clayey sand |
| MC207 | 24.0 | 25.0 | sand | pk/br | FM | clayey sand |
| MC207 | 25.0 | 26.0 | sand | pk/br | FMc | clayey sand with stones |
| MC207 | 26.0 | 27.0 | sand | pk/br | FMC | clayey sand with stones |
| MC207 | 27.0 | 28.0 | sand | br | FMC | clayey sand with stones |
| MC207 | 28.0 | 29.0 | sand | pk/br | FMC | clayey sand with stones |
| MC207 | 29.0 | 30.0 | sand | pk/br | FMC | clayey sand with stones |
| MC207 | 30.0 | 31.0 | sand | pk | FMC | clayey sand with stones |
| MC207 | 31.0 | 32.0 | sand | pk/br | FMC | clayey sand |
| MC207 | 32.0 | 33.0 | sand | pk/br | FMC | clayey sand |
| MC207 | 33.0 | 34.0 | sand | pk/br | FMC | clayey sand |
| MC207 | 34.0 | 35.0 | sand | pk/br | FMC | clayey sand |
| MC207 | 35.0 | 36.0 | sand | pk/br | FMC | clayey sand |
| MC207 | 36.0 | 37.0 | sand | pk/br | FM | clayey sand with stones |
| MC207 | 37.0 | 38.0 | sand | pk/br | FM | clayey sand with stones and clay lumps |
| MC207 | 38.0 | 39.0 | sand | pk/br | FM | clayey sand |
| MC207 | 39.0 | 40.0 | sand | pk/br | FMC | clayey sand |
| MC207 | 40.0 | 41.0 | sand | pk/br | FMC | clayey sand |
| MC207 | 41.0 | 42.0 | sand | pk/br | FMC | clayey sand |
| MC208 | 0.0 | 1.0 | sand | dk br | FM | clayey sand with clay lumps and stones |
| MC208 | 1.0 | 2.0 | sand | br/or | FFM | silty sand |
| MC208 | 2.0 | 3.0 | sand | br/or | FM | clayey sand |
| MC208 | 3.0 | 4.0 | sand | br/or | FM | clayey sand |
| MC208 | 4.0 | 5.0 | sand | br/or | FM | clayey sand |
| MC208 | 5.0 | 6.0 | sand | pk/br | FM | clayey sand |
| MC208 | 6.0 | 7.0 | sand | pk/br | FM | clayey sand |
| MC208 | 7.0 | 8.0 | sand | pk | FM | clayey sand |
| MC208 | 8.0 | 9.0 | sand | pk | FM | clayey sand |
| MC208 | 9.0 | 10.0 | sand | pk | FMc | clayey sand |
| MC208 | 10.0 | 11.0 | sand | pk | FMc | clayey sand |
| MC208 | 11.0 | 12.0 | sand | pk/br | FM | clayey sand with stones |

| | | | | | | |
|-------|------|------|------|-------|-----|--|
| MC208 | 12.0 | 13.0 | sand | pk/br | FM | clayey sand with stones |
| MC208 | 13.0 | 14.0 | sand | pk/br | FM | clayey sand |
| MC208 | 14.0 | 15.0 | sand | pk/br | FM | clayey sand |
| MC208 | 15.0 | 16.0 | sand | pk/br | FM | clayey sand |
| MC208 | 16.0 | 17.0 | sand | dk pk | FMc | clayey sand |
| MC208 | 17.0 | 18.0 | sand | dk pk | FMc | clayey sand |
| MC208 | 18.0 | 19.0 | sand | dk pk | FMc | clayey sand |
| MC208 | 19.0 | 20.0 | sand | dk pk | FMc | clayey sand |
| MC208 | 20.0 | 21.0 | sand | dk pk | FMc | clayey/silty sand |
| MC208 | 21.0 | 22.0 | sand | pk/br | FMc | clayey sand |
| MC208 | 22.0 | 23.0 | sand | pk/br | FMc | clayey sand with stones |
| MC208 | 23.0 | 24.0 | sand | br/pk | FMc | clayey sand |
| MC208 | 24.0 | 25.0 | sand | br/pk | FMc | clayey sand |
| MC208 | 25.0 | 26.0 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 26.0 | 27.0 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 27.0 | 28.0 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 28.0 | 29.0 | sand | br/pk | FM | clayey sand with large clay lumps |
| MC208 | 29.0 | 30.0 | sand | br/pk | FM | clayey sand with clay lumps |
| MC208 | 30.0 | 31.0 | sand | br/pk | FM | clayey sand with clay lumps |
| MC208 | 31.0 | 32.0 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 32.0 | 33.0 | sand | br/pk | FMc | clayey sand with clay lumps |
| MC208 | 33.0 | 34.0 | sand | br/pk | FMc | clayey sand with clay lumps and stones |
| MC208 | 34.0 | 35.0 | sand | br/pk | FMc | clayey sand |
| MC208 | 35.0 | 36.0 | sand | br/pk | FMc | clayey sand |
| MC208 | 36.0 | 37.0 | sand | pk/br | FMc | clayey sand |
| MC208 | 37.0 | 38.0 | sand | pk/br | FMc | clayey sand |
| MC208 | 38.0 | 39.0 | sand | pk/br | FMc | clayey sand |
| MC208 | 39.0 | 40.0 | sand | pk/br | FMc | clayey sand |
| MC208 | 40.0 | 41.0 | sand | pk/br | FMc | clayey sand |
| MC208 | 41.0 | 42.0 | sand | pk/br | FMc | clayey sand |
| MC209 | 0.0 | 1.0 | sand | br | FM | v.clayey sand |
| MC209 | 1.0 | 2.0 | sand | br | FM | v.clayey sand |
| MC209 | 2.0 | 3.0 | sand | br | FM | v.clayey sand |
| MC209 | 3.0 | 4.0 | sand | br | FM | v.clayey sand with stones |
| MC209 | 4.0 | 5.0 | sand | rd/br | FM | clayey sand |
| MC209 | 5.0 | 6.0 | sand | rd/br | FM | clayey sand |
| MC209 | 6.0 | 7.0 | sand | rd/br | FM | clayey sand with stones |
| MC209 | 7.0 | 8.0 | sand | rd/br | FMC | clayey sand with stones |
| MC209 | 8.0 | 9.0 | sand | dk pk | FMc | clayey sand with stones |
| MC209 | 9.0 | 10.0 | sand | pk | FM | clayey sand |
| MC209 | 10.0 | 11.0 | sand | pk | FMc | clayey sand |
| MC209 | 11.0 | 12.0 | sand | pk | FM | clayey sand |
| MC209 | 12.0 | 13.0 | sand | pk/br | FMC | clayey sand |
| MC209 | 13.0 | 14.0 | sand | pk/br | FMC | clayey sand |
| MC209 | 14.0 | 15.0 | sand | pk/br | FMC | clayey sand with stones |
| MC209 | 15.0 | 16.0 | sand | pk/br | FMC | clayey sand |
| MC209 | 16.0 | 17.0 | sand | pk | FMc | clayey sand |
| MC209 | 17.0 | 18.0 | sand | pk | FMc | clayey sand |
| MC209 | 18.0 | 19.0 | sand | pk/br | FMC | clayey sand with stones |
| MC209 | 19.0 | 20.0 | sand | pk/br | FMC | clayey sand |
| MC209 | 20.0 | 21.0 | sand | br/or | FMC | clayey sand |
| MC209 | 21.0 | 22.0 | sand | pk/br | FMC | clayey sand |
| MC209 | 22.0 | 23.0 | sand | pk/br | FMC | clayey sand with stones |
| MC209 | 23.0 | 24.0 | sand | pk/or | FMC | clayey sand with stones |
| MC209 | 24.0 | 25.0 | sand | pk/or | FMC | clayey sand |
| MC209 | 25.0 | 26.0 | sand | pk/or | FMC | clayey sand |

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|-------|------|------|------|---------|------|---|
| MC209 | 26.0 | 27.0 | sand | pk/or | FM | clayey sand with large stones |
| MC209 | 27.0 | 28.0 | sand | lt pk | FMC | clayey sand with large stones - STONY LAYER |
| MC209 | 28.0 | 29.0 | sand | pk | FMC | clayey sand |
| MC209 | 29.0 | 30.0 | sand | pk | FMC | clayey sand |
| MC209 | 30.0 | 31.0 | sand | pk | FMc | clayey sand |
| MC209 | 31.0 | 32.0 | sand | pk | FMc | clayey sand |
| MC209 | 32.0 | 33.0 | sand | pk | FMc | clayey sand |
| MC209 | 33.0 | 34.0 | sand | pk | FMc | clayey sand |
| MC209 | 34.0 | 35.0 | sand | pk | FMc | clayey sand |
| MC209 | 35.0 | 36.0 | sand | pk | FMc | clayey sand |
| MC209 | 36.0 | 37.0 | sand | pk | FMc | clayey sand |
| MC209 | 37.0 | 38.0 | sand | pk | FM | clayey sand |
| MC209 | 38.0 | 39.0 | sand | pk/or | FMc | clayey sand |
| MC209 | 39.0 | 40.0 | sand | pk/or | FMc | clayey sand |
| MC209 | 40.0 | 41.0 | sand | pk/or | FMc | clayey sand |
| MC209 | 41.0 | 42.0 | sand | pk/or | FMc | clayey sand |
| MC210 | 0.0 | 1.0 | sand | br/or | FM | clayey sand with large stones |
| MC210 | 1.0 | 2.0 | sand | or | FM | clayey sand with clay lumps/ large stones |
| MC210 | 2.0 | 3.0 | sand | pk/or | FMc | clayey sand |
| MC210 | 3.0 | 4.0 | sand | or/br | FMc | clayey sand |
| MC210 | 4.0 | 5.0 | sand | or/br | FMc | clayey sand with stones |
| MC210 | 5.0 | 6.0 | sand | or/br | FMc | clayey sand |
| MC210 | 6.0 | 7.0 | sand | pk | FMc | sl.clayey sand with stones/clay lumps |
| MC210 | 7.0 | 8.0 | sand | or/pk | FFM | sl.clayey sand |
| MC210 | 8.0 | 9.0 | sand | or/pk | FFM | sl.clayey sand with stones |
| MC210 | 9.0 | 10.0 | sand | bone | FFM | sl.clayey sand |
| MC210 | 10.0 | 11.0 | sand | bone | FFM | sl.clayey sand |
| MC210 | 11.0 | 12.0 | sand | bone | FM | sl.clayey sand |
| MC210 | 12.0 | 13.0 | sand | bone | FM | sl.clayey sand |
| MC210 | 13.0 | 14.0 | sand | bone | FM | sl.clayey sand |
| MC210 | 14.0 | 15.0 | sand | bone | FM | sl.clayey sand |
| MC210 | 15.0 | 16.0 | sand | bone/pk | FMc | sl.clayey sand |
| MC210 | 16.0 | 17.0 | sand | pk | FMc | sl.clayey sand |
| MC210 | 17.0 | 18.0 | sand | pk | FMc | sl.clayey sand |
| MC210 | 18.0 | 19.0 | sand | pk | FMc | sl.clayey sand |
| MC210 | 19.0 | 20.0 | sand | pk | FMc | sl.clayey sand |
| MC210 | 20.0 | 21.0 | sand | pk | FMc | sl.clayey sand |
| MC210 | 21.0 | 22.0 | sand | pk | FMc | sl.clayey sand |
| MC210 | 22.0 | 23.0 | sand | pk | FMc | sl.clayey sand |
| MC210 | 23.0 | 24.0 | sand | pk | FMc | sl.clayey sand |
| MC210 | 24.0 | 25.0 | sand | pk | FMC | clayey sand with stones |
| MC210 | 25.0 | 26.0 | sand | pk | FMC | clayey sand |
| MC210 | 26.0 | 27.0 | sand | pk | FMC | clayey sand with stones/clay lumps |
| MC210 | 27.0 | 28.0 | sand | pk | FM | clayey sand |
| MC210 | 28.0 | 29.0 | sand | pk | FM | clayey sand |
| MC210 | 29.0 | 30.0 | sand | pk | FM | clayey sand |
| MC210 | 30.0 | 31.0 | sand | pk | FMC | clayey sand with clay lumps |
| MC210 | 31.0 | 32.0 | sand | pk | FMC | clayey sand |
| MC210 | 32.0 | 33.0 | sand | pk | FMC | clayey sand with stones |
| MC210 | 33.0 | 34.0 | sand | pk | FMC | clayey sand |
| MC210 | 34.0 | 35.0 | sand | pk | FMC+ | clayey sand |
| MC210 | 35.0 | 36.0 | sand | pk | FMC | clayey sand |
| MC210 | 36.0 | 37.0 | sand | pk | FMC | clayey sand |
| MC210 | 37.0 | 38.0 | sand | pk | FMC | clayey sand |
| MC210 | 38.0 | 39.0 | sand | pk | FMC | clayey sand |

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|-------|------|------|------|----------|-----|--|
| MC210 | 39.0 | 40.0 | sand | lt pk | FM | clayey sand |
| MC210 | 40.0 | 41.0 | sand | lt pk | FMC | clayey sand |
| MC210 | 41.0 | 42.0 | sand | lt pk | FMC | clayey sand |
| MC211 | 0.0 | 1.0 | clay | br/rd | F | clay with stones |
| MC211 | 1.0 | 2.0 | sand | br/rd | FM | clayey sand with stones and clay lumps |
| MC211 | 2.0 | 3.0 | sand | br/rd | FM | clayey sand with clay lumps |
| MC211 | 3.0 | 4.0 | clay | pk/br | F | clay with lumps |
| MC211 | 4.0 | 5.0 | clay | pk/br | F | clay with lumps |
| MC211 | 5.0 | 6.0 | sand | rd/br | FMC | v.clayey sand |
| MC211 | 6.0 | 7.0 | sand | rd/br | FMC | v.clayey sand with stones |
| MC211 | 7.0 | 8.0 | sand | rd/br | FMC | v.clayey sand with large stones |
| MC211 | 8.0 | 9.0 | sand | pk/rd | FFM | clayey/silty sand |
| MC211 | 9.0 | 10.0 | sand | pk/rd | FM | clayey sand |
| MC211 | 10.0 | 11.0 | sand | pk | FM | clayey sand |
| MC211 | 11.0 | 12.0 | sand | pk/bone | FFM | clayey sand |
| MC211 | 12.0 | 13.0 | sand | apr | FFM | clayey sand |
| MC211 | 13.0 | 14.0 | sand | apr | FM | clayey sand |
| MC211 | 14.0 | 15.0 | sand | pk/rd | FM | clayey sand |
| MC211 | 15.0 | 16.0 | sand | pk/rd | FM | clayey sand |
| MC211 | 16.0 | 17.0 | sand | pk/rd | FM | clayey sand |
| MC211 | 17.0 | 18.0 | sand | pk | FM | clayey sand |
| MC211 | 18.0 | 19.0 | sand | pk | FM | clayey sand |
| MC211 | 19.0 | 20.0 | sand | pk | FM | clayey sand |
| MC211 | 20.0 | 21.0 | sand | pk | FM | clayey sand |
| MC211 | 21.0 | 22.0 | sand | lt pk | FFM | clayey sand |
| MC211 | 22.0 | 23.0 | sand | lt pk | FFM | clayey sand |
| MC211 | 23.0 | 24.0 | sand | lt pk | FM | clayey sand |
| MC211 | 24.0 | 25.0 | sand | lt pk | FM | clayey sand |
| MC211 | 25.0 | 26.0 | sand | lt pk | FM | clayey sand |
| MC211 | 26.0 | 27.0 | sand | lt pk | FMc | clayey sand |
| MC211 | 27.0 | 28.0 | sand | lt pk | FMc | clayey sand |
| MC211 | 28.0 | 29.0 | sand | lt pk | FMc | clayey sand |
| MC211 | 29.0 | 30.0 | sand | lt pk | FMC | clayey sand |
| MC211 | 30.0 | 31.0 | sand | lt pk | FM | clayey sand |
| MC211 | 31.0 | 32.0 | sand | lt pk | FM | clayey sand |
| MC211 | 32.0 | 33.0 | sand | lt pk | FM | clayey sand |
| MC211 | 33.0 | 34.0 | sand | lt pk | FM | clayey sand |
| MC211 | 34.0 | 35.0 | sand | pk/or | FM | clayey sand |
| MC211 | 35.0 | 36.0 | sand | pk/or | FMC | clayey sand with clay lumps |
| MC211 | 36.0 | 37.0 | sand | pk | FMC | clayey sand with large clay lumps |
| MC211 | 37.0 | 38.0 | sand | pk/bone | FMC | clayey sand with clay lumps and stones |
| MC211 | 38.0 | 39.0 | sand | pk/bone | FMC | clayey sand with clay lumps and stones |
| MC211 | 39.0 | 40.0 | sand | pk/bone | FMC | clayey sand with rocks/stones - WT |
| MC212 | 0.0 | 1.0 | sand | br/or | FM | clayey sand with clay lumps |
| MC212 | 1.0 | 2.0 | sand | br/or | FM | clayey sand with clay lumps |
| MC212 | 2.0 | 3.0 | sand | br/or | FM | clayey sand with clay lumps |
| MC212 | 3.0 | 4.0 | sand | br/or | FM | clayey sand with hard white clay lumps |
| MC212 | 4.0 | 5.0 | sand | lt br/pk | FM | clayey sand |
| MC212 | 5.0 | 6.0 | sand | br/rd | FMc | clayey sand with Fe stones |
| MC212 | 6.0 | 7.0 | sand | br/rd | FMc | clayey sand |
| MC212 | 7.0 | 8.0 | sand | br/rd | FMc | clayey sand |
| MC212 | 8.0 | 9.0 | sand | br | FM | clayey sand |
| MC212 | 9.0 | 10.0 | sand | clt | FMc | sand |
| MC212 | 10.0 | 11.0 | sand | clt | FMc | sand |
| MC212 | 11.0 | 12.0 | sand | pk/rd | FM | sand |
| MC212 | 12.0 | 13.0 | sand | pk | FM | sand |

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|-------|------|------|-----------|------------|------|--|
| MC212 | 13.0 | 14.0 | sand | pk | FM | sand |
| MC212 | 14.0 | 15.0 | sand | sal/pk | FM | sand |
| MC212 | 15.0 | 16.0 | sand | sal/pk | FM | sand |
| MC212 | 16.0 | 17.0 | sand | sal | FM | sand |
| MC212 | 17.0 | 18.0 | sand | sal | FM | sand |
| MC212 | 18.0 | 19.0 | sand | sal | FM | sand with large clay lumps and stones |
| MC212 | 19.0 | 20.0 | sand | sal | FM | sand |
| MC212 | 20.0 | 21.0 | sand | pk/or | FMC | sand with gravel |
| MC212 | 21.0 | 22.0 | sand | lt pk | FMC | clayey sand |
| MC212 | 22.0 | 23.0 | sand | lt pk | FMC | clayey sand |
| MC212 | 23.0 | 24.0 | sand | pk | FMC | clayey sand |
| MC212 | 24.0 | 25.0 | sand | pk | FM | clayey sand |
| MC212 | 25.0 | 26.0 | sand | pk | FM | clayey sand |
| MC212 | 26.0 | 27.0 | sand | pk | FM | clayey sand |
| MC212 | 27.0 | 28.0 | sand | pk | FMC | clayey sand |
| MC212 | 28.0 | 29.0 | sand | pk | FMC | clayey sand |
| MC212 | 29.0 | 30.0 | sand | pk | FMC | clayey sand |
| MC212 | 30.0 | 31.0 | sand | pk/br | FMC | clayey sand |
| MC212 | 31.0 | 32.0 | sand | br/or | FMC | clayey sand |
| MC212 | 32.0 | 33.0 | sand | br/or | FMC | clayey sand |
| MC212 | 33.0 | 34.0 | sand | bone | FMc | clayey sand |
| MC212 | 34.0 | 35.0 | sand | bone | FMC | clayey sand |
| MC212 | 35.0 | 36.0 | sand | lt br/or | FMC | clayey sand |
| MC212 | 36.0 | 37.0 | sand | lt br/or | FMC | clayey sand |
| MC212 | 37.0 | 38.0 | sand | lt br/or | FMC | clayey sand |
| MC212 | 38.0 | 39.0 | sand | lt br/or | FMC | clayey sand |
| MC212 | 39.0 | 40.0 | sand | lt br/pk | FMC | clayey sand with stones - STONY LAYER - WT? |
| MC213 | 0.0 | 1.0 | sand | br | FMC | clayey sand with clay lumps |
| MC213 | 1.0 | 2.0 | sand | br | FMC | clayey sand with clay lumps |
| MC213 | 2.0 | 3.0 | sand | lt br/or | FMC | clayey sand |
| MC213 | 3.0 | 4.0 | sand | lt br/or | FMC | clayey sand |
| MC213 | 4.0 | 5.0 | sand | br/or | FMC | clayey sand |
| MC213 | 5.0 | 6.0 | sand | br/or | FMC | clayey sand |
| MC213 | 6.0 | 7.0 | sand | br/or | FMC | clayey sand |
| MC213 | 7.0 | 8.0 | Ironstone | dk br | FMC | 60cm thick ironstone layer |
| MC213 | 8.0 | 9.0 | sand | rd/br | FMC | clayey sand |
| MC213 | 9.0 | 10.0 | sand | rd/br | FMC | clayey sand |
| MC213 | 10.0 | 11.0 | sand | dk pk | FMC | clayey sand |
| MC213 | 11.0 | 12.0 | sand | pk/br | FMC+ | clayey sand |
| MC213 | 12.0 | 13.0 | sand | pk/br | FMC+ | clayey sand |
| MC213 | 13.0 | 14.0 | sand | pk | FMC+ | clayey sand |
| MC213 | 14.0 | 15.0 | sand | pk | FMC | clayey sand |
| MC213 | 15.0 | 16.0 | sand | pk/or | FMc | clayey sand |
| MC213 | 16.0 | 17.0 | sand | lt or/bone | FFM | clayey/silty sand |
| MC213 | 17.0 | 18.0 | sand | bone | FM | clayey sand |
| MC213 | 18.0 | 19.0 | sand | pk/or | FMC | clayey sand |
| MC213 | 19.0 | 20.0 | sand | pk/or | FMC | clayey sand |
| MC213 | 20.0 | 21.0 | sand | or/br | FMc | clayey sand |
| MC213 | 21.0 | 22.0 | sand | lt pk/br | FMC | clayey sand |
| MC213 | 22.0 | 23.0 | sand | pk/or | FMC | clayey sand |
| MC213 | 23.0 | 24.0 | sand | or/br | FMC | clayey sand |
| MC213 | 24.0 | 25.0 | sand | br/or | FMC | clayey sand |
| MC213 | 25.0 | 26.0 | sand | br/or | FMC | clayey sand |
| MC213 | 26.0 | 27.0 | sand | br/or | FMc | clayey sand |
| MC213 | 27.0 | 28.0 | sand | br/or | FMc | clayey sand |

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|-------|------|------|-----------|--------------|-----|--|
| MC213 | 28.0 | 29.0 | sand | br/or | FMC | clayey sand |
| MC213 | 29.0 | 30.0 | sand | lt br | FMC | clayey sand with stones |
| MC213 | 30.0 | 31.0 | sand | lt br | FMC | clayey sand with clay lumps |
| MC213 | 31.0 | 32.0 | sand | br/or | FMC | clayey sand |
| MC213 | 32.0 | 33.0 | sand | br/or | FMC | clayey sand |
| MC213 | 33.0 | 34.0 | sand | or | FMc | clayey sand |
| MC213 | 34.0 | 35.0 | sand | or | FM | clayey sand |
| MC213 | 35.0 | 36.0 | sand | or | FMC | clayey sand |
| MC213 | 36.0 | 37.0 | sand | or | FMC | clayey sand |
| MC213 | 37.0 | 38.0 | sand | pk | FMC | clayey sand |
| MC213 | 38.0 | 39.0 | sand | pk | FMC | clayey sand |
| MC213 | 39.0 | 40.0 | sand | lt pk/br | FMC | clayey sand with hard clay lumps |
| MC213 | 40.0 | 41.0 | sand | lt br | FMC | clayey sand |
| MC213 | 41.0 | 42.0 | sand | lt br | FMC | clayey sand |
| MC214 | 0.0 | 1.0 | clay | br/rd | F | clay with lumps |
| MC214 | 1.0 | 2.0 | clay | rd/br | F | clay with lumps |
| MC214 | 2.0 | 3.0 | sand | br/or | FMC | v.clayey sand with clay lumps |
| MC214 | 3.0 | 4.0 | sand | br/or | FMC | v.clayey sand |
| MC214 | 4.0 | 5.0 | sand | br/or | FMC | clayey sand with clay lumps |
| MC214 | 5.0 | 6.0 | sand | br/or | FMC | clayey sand with hard wt clay lumps |
| MC214 | 6.0 | 7.0 | sand | br | FM | clayey sand with clay lumps |
| MC214 | 7.0 | 8.0 | Ironstone | dk br | | Impenetrable Ironstone layer - STONE LAYER |
| MC215 | 0.0 | 1.0 | sand | br/or | FMC | v.clayey sand |
| MC215 | 1.0 | 2.0 | clay | br/rd | F | sandy clay with large clay lumps |
| MC215 | 2.0 | 3.0 | clay | br/rd | F | sandy clay with large clay lumps |
| MC215 | 3.0 | 4.0 | clay | br/pk | F | sandy clay with large clay lumps |
| MC215 | 4.0 | 5.0 | sand | br | FMc | clayey sand |
| MC215 | 5.0 | 6.0 | sand | dk rd/pk | FMc | clayey sand |
| MC215 | 6.0 | 7.0 | sand | br | FMc | clayey sand with stones |
| MC215 | 7.0 | 8.0 | sand | br/rd | FMc | clayey sand with rocks - STONE LAYER |
| MC215 | 8.0 | 9.0 | sand | clt | FMC | clayey sand |
| MC215 | 9.0 | 10.0 | sand | brt pk | FM | clayey sand |
| MC215 | 10.0 | 11.0 | sand | dk pk | FM | clayey sand |
| MC215 | 11.0 | 12.0 | sand | lt pk | FMC | clayey sand |
| MC215 | 12.0 | 13.0 | sand | pk | FMc | clayey sand |
| MC215 | 13.0 | 14.0 | sand | pk | FMc | clayey sand |
| MC215 | 14.0 | 15.0 | sand | pk | FMc | clayey sand with clay lumps/stones |
| MC215 | 15.0 | 16.0 | sand | pk | FMc | clayey sand |
| MC215 | 16.0 | 17.0 | sand | pk | FMc | clayey sand |
| MC215 | 17.0 | 18.0 | sand | lt pk | FMc | clayey sand |
| MC215 | 18.0 | 19.0 | sand | lt pk | FMc | clayey sand |
| MC215 | 19.0 | 20.0 | sand | lt pk | FMc | clayey sand |
| MC215 | 20.0 | 21.0 | sand | pk/br | FM | clayey sand |
| MC215 | 21.0 | 22.0 | sand | pk/br | FM | clayey sand |
| MC215 | 22.0 | 23.0 | sand | pk/br | FMC | clayey sand |
| MC215 | 23.0 | 24.0 | sand | lt pk/br | FMC | clayey sand |
| MC215 | 24.0 | 25.0 | sand | lt pk/br | FMC | clayey sand with clay lumps |
| MC215 | 25.0 | 26.0 | sand | lt pk/bone | FMC | clayey sand |
| MC215 | 26.0 | 27.0 | sand | lt pk/bone | FMC | clayey sand |
| MC215 | 27.0 | 28.0 | sand | lt pk/bone | FMC | clayey sand with clay lumps |
| MC215 | 28.0 | 29.0 | sand | lt pk/bone | FMC | clayey sand |
| MC215 | 29.0 | 30.0 | sand | lt pk/bone | FMC | clayey sand with clay lumps |
| MC215 | 30.0 | 31.0 | sand | lt pk/bone | FMC | clayey sand |
| MC215 | 31.0 | 32.0 | sand | bone/off wht | FMc | clayey sand |
| MC215 | 32.0 | 33.0 | sand | bone/off wht | FM | clayey/silty sand |

| | | | | | | |
|-------|------|------|------|------------------|------|------------------------------------|
| MC215 | 33.0 | 34.0 | sand | bone/off wht | FMC | clayey sand |
| MC215 | 34.0 | 35.0 | sand | bone/off wht | FMC | clayey sand |
| MC215 | 35.0 | 36.0 | sand | bone/off wht | FMC | clayey sand |
| MC215 | 36.0 | 37.0 | sand | bone | FMc | clayey sand |
| MC215 | 37.0 | 38.0 | sand | lt br/or | FMc | clayey sand |
| MC215 | 38.0 | 39.0 | sand | lt br/or | FMc | clayey sand |
| MC215 | 39.0 | 40.0 | sand | lt br/yw | FMc | clayey sand |
| MC215 | 40.0 | 41.0 | sand | lt must | FMc | clayey sand |
| MC215 | 41.0 | 42.0 | sand | lt must | FMc | clayey sand |
| MC216 | 0.0 | 1.0 | clay | br/rd | F | clay with large layered clay lumps |
| MC216 | 1.0 | 2.0 | clay | rd/br | F | clay with large layered clay lumps |
| MC216 | 2.0 | 3.0 | clay | rd/br | F | clay with large layered clay lumps |
| MC216 | 3.0 | 4.5 | clay | bl/gy | F | clay with large layered clay lumps |
| MC216 | 4.5 | 5.0 | sand | rd/br | FM | clayey sand |
| MC216 | 5.0 | 6.0 | sand | rd/br | FMC | clayey sand with stones/rocks |
| MC216 | 6.0 | 7.0 | sand | br/rd | FMC | clayey sand with rocks |
| MC216 | 7.0 | 8.0 | sand | br/rd | FMC | clayey sand with rocky layer |
| MC216 | 8.0 | 9.0 | sand | clt | FMC+ | clayey sand with few stones |
| MC216 | 9.0 | 10.0 | sand | brt pk | FMC | sl. clayey sand |
| MC216 | 10.0 | 11.0 | sand | brt pk | FMC | sl. clayey sand |
| MC216 | 11.0 | 12.0 | sand | dk pk | FMC | sl. clayey sand |
| MC216 | 12.0 | 13.0 | sand | dk pk | FMC | sl. clayey sand |
| MC216 | 13.0 | 14.0 | sand | pk | FM | clayey/silty sand |
| MC216 | 14.0 | 15.0 | sand | pk/gy | FMC | clayey sand |
| MC216 | 15.0 | 16.0 | sand | pk | FMC+ | sl. clayey sand |
| MC216 | 16.0 | 17.0 | sand | lt pk | FMC+ | sl. clayey sand |
| MC216 | 17.0 | 18.0 | sand | lt pk | FMC+ | sl. clayey sand |
| MC216 | 18.0 | 19.0 | sand | lt pk | FMC+ | sl. clayey sand |
| MC216 | 19.0 | 20.0 | sand | lt pk | FMC+ | sl. clayey sand |
| MC216 | 20.0 | 21.0 | sand | lt pk/bone | FMC+ | sl. clayey sand |
| MC216 | 21.0 | 22.0 | sand | pk/apr | FMC | sl. clayey sand with gravel |
| MC216 | 22.0 | 23.0 | sand | pk/apr | FMC | sl. clayey sand |
| MC216 | 23.0 | 24.0 | sand | pk/apr | FMC | sl. clayey sand |
| MC216 | 24.0 | 25.0 | sand | lt pk/apr | FMC | sl. clayey sand |
| MC216 | 25.0 | 26.0 | sand | lt pk/apr | FMC | sl. clayey sand |
| MC216 | 26.0 | 27.0 | sand | lt pk/apr | FMC+ | sl. clayey sand with stones |
| MC216 | 27.0 | 28.0 | sand | pk/or | FMC | sl. clayey sand |
| MC216 | 28.0 | 29.0 | sand | v.lt bone/wht | FM | sl. clayey sand |
| MC216 | 29.0 | 30.0 | sand | v.lt bone/wht | FMc | sl. clayey sand |
| MC216 | 30.0 | 31.0 | sand | lt bone/or | FM | sl. clayey sand |
| MC216 | 31.0 | 32.0 | sand | lt bone/or | FM | sl. clayey sand |
| MC216 | 32.0 | 33.0 | sand | lt bone/or | FM | sl. clayey sand |
| MC216 | 33.0 | 34.0 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 34.0 | 35.0 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 35.0 | 36.0 | sand | bone/or | FMC | sl. clayey sand with minor pebbles |
| MC216 | 36.0 | 37.0 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 37.0 | 38.0 | sand | bone/or | FM | sl. clayey sand with minor pebbles |
| MC216 | 38.0 | 39.0 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 39.0 | 40.0 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 40.0 | 41.0 | sand | bone/or | FM | sl. clayey sand |
| MC216 | 41.0 | 42.0 | sand | bone/or | FM | sl. clayey sand |
| MC217 | 0.0 | 1.0 | sand | br | FM | sl. clayey sand |
| MC217 | 1.0 | 2.0 | clay | br/rd | FMC | sandy clay |
| MC217 | 2.0 | 3.0 | sand | clt | FM | sl. clayey sand with clay lumps |

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|-------|------|------|------|-----------|------|---------------------------------------|
| MC217 | 3.0 | 4.0 | sand | or/rd | FMC+ | clayey sand with stones |
| MC217 | 4.0 | 5.0 | sand | pk/or | FMC+ | clayey sand |
| MC217 | 5.0 | 6.0 | sand | pk/or | FM | clayey sand |
| MC217 | 6.0 | 7.0 | sand | pk/or | FM | clayey sand |
| MC217 | 7.0 | 8.0 | sand | pk/or | FMc | clayey sand |
| MC217 | 8.0 | 9.0 | sand | pk/or | FFM | clayey sand |
| MC217 | 9.0 | 10.0 | sand | pk/br | FM | clayey sand |
| MC217 | 10.0 | 11.0 | sand | pk/br | FMc | clayey sand |
| MC217 | 11.0 | 12.0 | sand | lt br/pk | FMc | clayey sand |
| MC217 | 12.0 | 13.0 | sand | pk | FMc | clayey sand |
| MC217 | 13.0 | 14.0 | sand | pk | FMc | clayey sand |
| MC217 | 14.0 | 15.0 | sand | pk | FMc | clayey sand |
| MC217 | 15.0 | 16.0 | sand | pk | FMc | clayey sand |
| MC217 | 16.0 | 17.0 | sand | lt pk/br | FMc | clayey sand |
| MC217 | 17.0 | 18.0 | sand | lt pk/br | FM | clayey sand |
| MC217 | 18.0 | 19.0 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 19.0 | 20.0 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 20.0 | 21.0 | sand | lt pk/br | FMC | clayey sand with gravel |
| MC217 | 21.0 | 22.0 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 22.0 | 23.0 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 23.0 | 24.0 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 24.0 | 25.0 | sand | lt pk/br | FMC | clayey sand |
| MC217 | 25.0 | 26.0 | sand | lt pk | FMC | clayey sand |
| MC217 | 26.0 | 27.0 | sand | bone | FMC | clayey sand |
| MC217 | 27.0 | 28.0 | sand | lt pk | FMC | clayey sand |
| MC217 | 28.0 | 29.0 | sand | off wht | FM | clayey/silty sand |
| MC217 | 29.0 | 30.0 | sand | off wht | FM | clayey sand |
| MC217 | 30.0 | 31.0 | sand | must | FM | sl.clayey sand |
| MC217 | 31.0 | 32.0 | sand | must | FMC | sl.clayey sand |
| MC217 | 32.0 | 33.0 | sand | must | FMc | sl.clayey sand |
| MC217 | 33.0 | 34.0 | sand | must/pk | FMc | sl.clayey sand |
| MC217 | 34.0 | 35.0 | sand | must | FMC | sl.clayey sand |
| MC217 | 35.0 | 36.0 | sand | must | FMc | sl.clayey sand |
| MC217 | 36.0 | 37.0 | sand | must | FMC | sl.clayey sand |
| MC217 | 37.0 | 38.0 | sand | must | FMC | sl.clayey sand |
| MC217 | 38.0 | 39.0 | sand | must | FM | sl.clayey sand |
| MC217 | 39.0 | 40.0 | sand | must | FMC | sl.clayey sand |
| MC217 | 40.0 | 41.0 | sand | must | FMC | sl.clayey sand |
| MC217 | 41.0 | 42.0 | sand | must | FMC+ | sl.clayey sand |
| MC218 | 0.0 | 1.0 | sand | br | FM | clayey sand |
| MC218 | 1.0 | 2.0 | clay | br/or | F | sandy clay with clay lumps and stones |
| MC218 | 2.0 | 3.0 | clay | gn/gy | F | clay |
| MC218 | 3.0 | 4.0 | clay | br/rd | F | sandy clay |
| MC218 | 4.0 | 5.0 | clay | or | F | sandy clay |
| MC218 | 5.0 | 6.0 | clay | gn/gy | F | clay |
| MC218 | 6.0 | 7.0 | clay | gn/gy | F | clay |
| MC218 | 7.0 | 8.0 | sand | br/or | FMc | clayey sand with clay lumps |
| MC218 | 8.0 | 9.0 | sand | rd/or | FMc | clayey sand |
| MC218 | 9.0 | 10.0 | sand | br | FMc | clayey sand with stones |
| MC218 | 10.0 | 11.0 | sand | br | FMC | clayey sand with stone layer |
| MC218 | 11.0 | 12.0 | sand | clt | FMC | sl.clayey sand |
| MC218 | 12.0 | 13.0 | sand | pk | FMC+ | clayey sand with pebbles |
| MC218 | 13.0 | 14.0 | sand | lt pk/apr | FMC | clayey sand |
| MC218 | 14.0 | 15.0 | sand | pk/or | FMc | clayey sand |
| MC218 | 15.0 | 16.0 | sand | pk | FMc | sl.clayey sand |
| MC218 | 16.0 | 17.0 | sand | pk | FMc | sl.clayey sand |

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|-------|------|------|------|----------|------|-----------------------------------|
| MC218 | 17.0 | 18.0 | sand | brt pk | FMc | sl.clayey sand |
| MC218 | 18.0 | 19.0 | sand | pk | FMc | sl.clayey sand |
| MC218 | 19.0 | 20.0 | sand | pk | FMc | sl.clayey sand |
| MC218 | 20.0 | 21.0 | sand | bone | FFM | clayey/silty sand |
| MC218 | 21.0 | 22.0 | sand | pk | FMC | sl.clayey sand |
| MC218 | 22.0 | 23.0 | sand | pk | FMC | sl.clayey sand |
| MC218 | 23.0 | 24.0 | sand | pk | FMC | clayey sand with pebbles |
| MC218 | 24.0 | 25.0 | sand | pk | FMC | v.clayey sand |
| MC218 | 25.0 | 26.0 | sand | dk pk | FMC | sl.clayey sand |
| MC218 | 26.0 | 27.0 | sand | dk pk | FMC+ | sl.clayey sand |
| MC218 | 27.0 | 28.0 | sand | dk pk | FMC | sl.clayey sand |
| MC218 | 28.0 | 29.0 | sand | dk pk | FMC | sl.clayey sand |
| MC218 | 29.0 | 30.0 | sand | dk pk | FMC | sl.clayey sand |
| MC218 | 30.0 | 31.0 | sand | pk | FMC | sl.clayey sand |
| MC218 | 31.0 | 32.0 | sand | pk | FMC | sl.clayey sand |
| MC218 | 32.0 | 33.0 | sand | lt pk | FM | sl.clayey sand |
| MC218 | 33.0 | 34.0 | sand | off wht | FM | sl.clayey sand |
| MC218 | 34.0 | 35.0 | sand | lt gy | FM | sl.clayey sand |
| MC218 | 35.0 | 36.0 | sand | gy | FFM | sl.clayey sand |
| MC218 | 36.0 | 37.0 | sand | pk/gy | FM | sl.clayey sand |
| MC218 | 37.0 | 38.0 | sand | pk/gy | FMc | sl.clayey sand |
| MC218 | 38.0 | 39.0 | sand | bone/gy | FMc | sl.clayey sand |
| MC218 | 39.0 | 40.0 | sand | bone/gy | FMc | sl.clayey sand |
| MC218 | 40.0 | 41.0 | sand | gy | FMc | sl.clayey sand |
| MC218 | 41.0 | 42.0 | sand | gy | FMc | sl.clayey sand |
| MC219 | 0.0 | 1.0 | clay | br | F | sandy clay with ironstone |
| MC219 | 1.0 | 2.0 | sand | lt br | FMC | v.clayey sand |
| MC219 | 2.0 | 3.0 | sand | lt br | FM | v.clayey sand |
| MC219 | 3.0 | 4.0 | sand | br/or | FMc | v.clayey sand |
| MC219 | 4.0 | 5.0 | sand | br/or | FMc | v.clayey sand |
| MC219 | 5.0 | 6.0 | sand | br/or | FMc | v.clayey sand |
| MC219 | 6.0 | 7.0 | sand | br/or | FMc | v.clayey sand |
| MC219 | 7.0 | 8.0 | sand | br/or | FMc | v.clayey sand with stones/pebbles |
| MC219 | 8.0 | 9.0 | sand | br/pk | FMc | v.clayey sand |
| MC219 | 9.0 | 10.0 | sand | br/pk | FMc | v.clayey sand |
| MC219 | 10.0 | 11.0 | sand | br | FMc | v.clayey sand |
| MC219 | 11.0 | 12.0 | sand | br | FM | v.clayey sand |
| MC219 | 12.0 | 13.0 | sand | br | FM | v.clayey sand |
| MC219 | 13.0 | 14.0 | sand | br/pk | FM | v.clayey sand |
| MC219 | 14.0 | 15.0 | sand | br/pk | FM | v.clayey sand |
| MC219 | 15.0 | 16.0 | sand | br/pk | FM | v.clayey sand |
| MC219 | 16.0 | 17.0 | sand | lt pk | FMC | v.clayey sand |
| MC219 | 17.0 | 18.0 | sand | pk | FMC | v.clayey sand |
| MC219 | 18.0 | 19.0 | sand | pk | FMC | v.clayey sand |
| MC219 | 19.0 | 20.0 | sand | pk | FMC | v.clayey sand |
| MC219 | 20.0 | 21.0 | sand | lt pk | FMc | v.clayey sand with clay lumps |
| MC219 | 21.0 | 22.0 | sand | lt pk/br | FMc | v.clayey sand |
| MC219 | 22.0 | 23.0 | sand | pk | FMc | v.clayey sand |
| MC219 | 23.0 | 24.0 | sand | pk | FMc | v.clayey sand |
| MC219 | 24.0 | 25.0 | sand | pk | FMc | v.clayey sand |
| MC219 | 25.0 | 26.0 | sand | pk | FMc | v.clayey sand |
| MC219 | 26.0 | 27.0 | sand | lt pk | FMC | v.clayey sand |
| MC219 | 27.0 | 28.0 | sand | lt pk | FMC | v.clayey sand |
| MC219 | 28.0 | 29.0 | sand | lt pk/br | FMC | v.clayey sand |
| MC219 | 29.0 | 30.0 | sand | bone | FMC | v.clayey sand |
| MC219 | 30.0 | 31.0 | sand | bone | FMC | v.clayey sand |

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|-------|------|------|------|------------|-----|--|
| MC219 | 31.0 | 32.0 | sand | bone/lt pk | FMC | v.clayey sand |
| MC219 | 32.0 | 33.0 | sand | bone | FMC | v.clayey sand |
| MC219 | 33.0 | 34.0 | sand | bone | FMC | v.clayey sand |
| MC219 | 34.0 | 35.0 | sand | bone | FMC | v.clayey sand |
| MC219 | 35.0 | 36.0 | sand | bone | FMC | v.clayey sand |
| MC219 | 36.0 | 37.0 | sand | bone | FMC | v.clayey sand |
| MC219 | 37.0 | 38.0 | sand | bone | FM | v.clayey sand |
| MC219 | 38.0 | 39.0 | sand | bone/or | FMc | v.clayey sand with stones |
| MC219 | 39.0 | 40.0 | sand | bone/or | FMc | v.clayey sand with stones |
| MC219 | 40.0 | 41.0 | sand | bone | FMc | v.clayey sand with stones |
| MC219 | 41.0 | 42.0 | sand | bone | FMc | v.clayey sand with stones |
| MC220 | 0.0 | 1.0 | sand | br | F | clayey sand with stones |
| MC220 | 1.0 | 2.0 | sand | br | FM | clayey sand with clay lumps |
| MC220 | 2.0 | 3.0 | sand | br | FM | clayey sand |
| MC220 | 3.0 | 4.0 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 4.0 | 5.0 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 5.0 | 6.0 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 6.0 | 7.0 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 7.0 | 8.0 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 8.0 | 9.0 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 9.0 | 10.0 | clay | gy/gn | F | clay with rd/br coating |
| MC220 | 10.0 | 11.0 | sand | br/rd | FMc | v.clayey sand |
| MC220 | 11.0 | 12.0 | sand | br/rd | FMc | v.clayey sand |
| MC220 | 12.0 | 13.0 | sand | br/rd | FMc | v.clayey sand |
| MC220 | 13.0 | 14.0 | sand | rd/pk | FMc | v.clayey sand |
| MC220 | 14.0 | 15.0 | sand | pk | FMC | v.clayey sand |
| MC220 | 15.0 | 16.0 | sand | pk | FMC | v.clayey sand |
| MC220 | 16.0 | 17.0 | sand | pk | FMC | v.clayey sand |
| MC220 | 17.0 | 18.0 | sand | pk | FMC | v.clayey sand |
| MC220 | 18.0 | 19.0 | sand | pk/or | FMC | clayey sand |
| MC220 | 19.0 | 20.0 | sand | pk/or | FMC | clayey sand |
| MC220 | 20.0 | 21.0 | sand | pk | FMc | clayey sand |
| MC220 | 21.0 | 22.0 | sand | pk | FMC | clayey sand |
| MC220 | 22.0 | 23.0 | sand | pk | FMC | clayey sand |
| MC220 | 23.0 | 24.0 | sand | pk | FMC | clayey sand |
| MC220 | 24.0 | 25.0 | sand | pk | FMC | clayey sand |
| MC220 | 25.0 | 26.0 | sand | pk | FMC | clayey sand |
| MC220 | 26.0 | 27.0 | sand | pk | FMC | clayey sand |
| MC220 | 27.0 | 28.0 | sand | pk/bone | FMC | clayey sand |
| MC220 | 28.0 | 29.0 | sand | lt br/or | FMc | clayey sand |
| MC220 | 29.0 | 30.0 | sand | bone | FMc | clayey sand |
| MC220 | 30.0 | 31.0 | sand | bone/or | FMc | clayey sand |
| MC220 | 31.0 | 32.0 | sand | bone/yw | FM | clayey sand |
| MC220 | 32.0 | 33.0 | sand | bone/yw | FMc | clayey sand |
| MC220 | 33.0 | 34.0 | sand | bone/gy | FMc | clayey sand |
| MC220 | 34.0 | 35.0 | sand | bone/yw | FMc | clayey sand |
| MC220 | 35.0 | 36.0 | sand | pk/bone | FMc | clayey sand |
| MC220 | 36.0 | 37.0 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 37.0 | 38.0 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 38.0 | 39.0 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 39.0 | 40.0 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 40.0 | 41.0 | sand | lt pk/br | FMc | clayey sand |
| MC220 | 41.0 | 42.0 | sand | lt pk/br | FMc | clayey sand |
| MC221 | 0.0 | 1.0 | sand | gy/br | FM | clayey sand with stones and clay lumps |
| MC221 | 1.0 | 2.0 | sand | br/or | FMc | clayey sand with stones and clay lumps |
| MC221 | 2.0 | 3.0 | sand | or/br | FMc | clayey sand |

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|-------|------|------|------|----------|------|--|
| MC221 | 3.0 | 4.0 | sand | rd/br | FMc | clayey sand |
| MC221 | 4.0 | 5.0 | sand | lt or/br | FM | sl.clayey sand |
| MC221 | 5.0 | 6.0 | sand | br/or | FMc | clayey sand |
| MC221 | 6.0 | 7.0 | sand | br/or | FMc | clayey sand |
| MC221 | 7.0 | 8.0 | sand | br/or | FMc | clayey sand |
| MC221 | 8.0 | 9.0 | sand | pk | FMc | clayey sand |
| MC221 | 9.0 | 10.0 | sand | pk | FMc | clayey sand |
| MC221 | 10.0 | 11.0 | sand | or | FMC | clayey sand |
| MC221 | 11.0 | 12.0 | sand | lt or | FMC | clayey sand |
| MC221 | 12.0 | 13.0 | sand | lt or | FMC | clayey sand |
| MC221 | 13.0 | 14.0 | sand | bone | FMC | clayey sand |
| MC221 | 14.0 | 15.0 | sand | bone | FMC | clayey sand |
| MC221 | 15.0 | 16.0 | sand | bone | FMC | clayey sand |
| MC221 | 16.0 | 17.0 | sand | bone | FMC | clayey sand |
| MC221 | 17.0 | 18.0 | sand | bone/or | FMC | clayey sand |
| MC221 | 18.0 | 19.0 | sand | br/or | FMC | clayey sand |
| MC221 | 19.0 | 20.0 | sand | lt br/or | FMC | clayey sand with stones |
| MC221 | 20.0 | 21.0 | sand | lt br/or | FMc | clayey sand |
| MC221 | 21.0 | 22.0 | sand | br/or | FMc | clayey sand |
| MC221 | 22.0 | 23.0 | sand | pk/br | FMc | clayey sand |
| MC221 | 23.0 | 24.0 | sand | pk/br | FMC | clayey sand |
| MC221 | 24.0 | 25.0 | sand | pk/br | FMC | clayey sand |
| MC221 | 25.0 | 26.0 | sand | pk/br | FMC | clayey sand |
| MC221 | 26.0 | 27.0 | sand | pk | FMC | clayey sand |
| MC221 | 27.0 | 28.0 | sand | pk/br | FMC | clayey sand |
| MC221 | 28.0 | 29.0 | sand | pk/br | FMC | clayey sand |
| MC221 | 29.0 | 30.0 | sand | pk | FMc | clayey sand |
| MC221 | 30.0 | 31.0 | sand | pk/br | FMc | clayey sand |
| MC221 | 31.0 | 32.0 | sand | pk/br | FMc | clayey sand |
| MC221 | 32.0 | 33.0 | sand | or/br | FMc | clayey sand |
| MC221 | 33.0 | 34.0 | sand | br/pk | FMC | clayey sand |
| MC221 | 34.0 | 35.0 | sand | br/pk | FMc | clayey sand |
| MC221 | 35.0 | 36.0 | sand | br/pk | FMc | clayey sand |
| MC221 | 36.0 | 37.0 | sand | br/pk | FMC | clayey sand |
| MC221 | 37.0 | 38.0 | sand | lt br/or | FMc | clayey sand |
| MC221 | 38.0 | 39.0 | sand | lt br/or | FM | clayey sand |
| MC221 | 39.0 | 40.0 | sand | br | FMC+ | clayey sand |
| MC221 | 40.0 | 41.0 | sand | br | FMC+ | clayey sand |
| MC221 | 41.0 | 42.0 | sand | dk br | FMC+ | clayey sand |
| MC222 | 0.0 | 1.0 | clay | br | F | sandy clay |
| MC222 | 1.0 | 2.0 | sand | rd/br | FMC | v.clayey sand with stones and clay lumps |
| MC222 | 2.0 | 3.0 | sand | dk rd/br | FMC | v.clayey sand |
| MC222 | 3.0 | 4.0 | sand | dk rd/br | FMC | v.clayey sand |
| MC222 | 4.0 | 5.0 | sand | pk | FMc | clayey sand |
| MC222 | 5.0 | 6.0 | sand | pk | FMc | clayey sand |
| MC222 | 6.0 | 7.0 | sand | pk | FMc | clayey sand |
| MC222 | 7.0 | 8.0 | sand | pk | FMc | clayey sand |
| MC222 | 8.0 | 9.0 | sand | pk | FMc | clayey sand |
| MC222 | 9.0 | 10.0 | sand | pk | FMc | clayey sand |
| MC222 | 10.0 | 11.0 | sand | pk/or | FMc | clayey sand |
| MC222 | 11.0 | 12.0 | sand | pk | FMc | clayey sand with clay lumps |
| MC222 | 12.0 | 13.0 | sand | pk | FMc | clayey sand |
| MC222 | 13.0 | 14.0 | sand | pk/or | FMc | clayey sand |
| MC222 | 14.0 | 15.0 | sand | pk | FMc | clayey sand |
| MC222 | 15.0 | 16.0 | sand | dk pk | FMc | clayey sand |
| MC222 | 16.0 | 17.0 | sand | dk pk | FMc | clayey sand |

| | | | | | | |
|-------|------|------|------|----------|-----|--------------------------------|
| MC222 | 17.0 | 18.0 | sand | dk pk | FMc | clayey sand |
| MC222 | 18.0 | 19.0 | sand | pk | FMc | clayey sand |
| MC222 | 19.0 | 20.0 | sand | pk | FMc | clayey sand |
| MC222 | 20.0 | 21.0 | sand | pk | FMc | clayey sand |
| MC222 | 21.0 | 22.0 | sand | pk | FMc | clayey sand |
| MC222 | 22.0 | 23.0 | sand | pk | FMc | clayey sand |
| MC222 | 23.0 | 24.0 | sand | pk | FMc | clayey sand |
| MC222 | 24.0 | 25.0 | sand | pk | FMc | clayey sand |
| MC222 | 25.0 | 26.0 | sand | pk | FMc | clayey sand with gravel |
| MC222 | 26.0 | 27.0 | sand | or | FMc | clayey sand |
| MC222 | 27.0 | 28.0 | sand | or/br | FMc | clayey sand |
| MC222 | 28.0 | 29.0 | sand | or/br | FMc | clayey sand |
| MC222 | 29.0 | 30.0 | sand | or | FMc | clayey sand |
| MC222 | 30.0 | 31.0 | sand | pk | FMc | clayey sand |
| MC222 | 31.0 | 32.0 | sand | pk | FMc | clayey sand |
| MC222 | 32.0 | 33.0 | sand | pk | FMc | clayey sand |
| MC222 | 33.0 | 34.0 | sand | pk | FMc | clayey sand |
| MC222 | 34.0 | 35.0 | sand | pk | FM | clayey sand |
| MC222 | 35.0 | 36.0 | sand | dk pk | FMc | clayey sand |
| MC222 | 36.0 | 37.0 | sand | dk pk | FMc | clayey sand |
| MC222 | 37.0 | 38.0 | sand | dk pk | FMc | clayey sand |
| MC222 | 38.0 | 39.0 | sand | dk pk | FMc | clayey sand |
| MC222 | 39.0 | 40.0 | sand | pk/br | FMc | clayey sand |
| MC222 | 40.0 | 41.0 | sand | pk/br | FM | clayey sand |
| MC222 | 41.0 | 42.0 | sand | br/or | FM | clayey sand |
| MC223 | 0.0 | 1.0 | sand | br/pk | FM | sand |
| MC223 | 1.0 | 2.0 | sand | br/pk | FM | sand |
| MC223 | 2.0 | 3.0 | sand | br/or | FM | v. clayey sand with clay lumps |
| MC223 | 3.0 | 4.0 | sand | br/rd | F | sandy clay with clay lumps |
| MC223 | 4.0 | 5.0 | sand | br/rd | F | sandy clay with clay lumps |
| MC223 | 5.0 | 6.0 | sand | br/rd | FMc | v. clayey sand |
| MC223 | 6.0 | 7.0 | sand | br/rd | FMc | clayey sand |
| MC223 | 7.0 | 8.0 | sand | br/rd | FMc | clayey sand with stones |
| MC223 | 8.0 | 9.0 | sand | br/rd | FMc | clayey sand |
| MC223 | 9.0 | 10.0 | sand | br/rd | FMc | clayey sand |
| MC223 | 10.0 | 11.0 | sand | rd/pk | FMc | clayey sand |
| MC223 | 11.0 | 12.0 | sand | rd/pk | FMc | clayey sand |
| MC223 | 12.0 | 13.0 | sand | pk | FMc | clayey sand |
| MC223 | 13.0 | 14.0 | sand | pk | FMc | clayey sand |
| MC223 | 14.0 | 15.0 | sand | pk | FMc | clayey sand |
| MC223 | 15.0 | 16.0 | sand | pk/or | FMc | clayey sand |
| MC223 | 16.0 | 17.0 | sand | pk | FMc | clayey sand |
| MC223 | 17.0 | 18.0 | sand | pk | FMc | clayey sand |
| MC223 | 18.0 | 19.0 | sand | pk | FMc | clayey sand |
| MC223 | 19.0 | 20.0 | sand | pk | FMc | clayey sand |
| MC223 | 20.0 | 21.0 | sand | pk | FMc | clayey sand |
| MC223 | 21.0 | 22.0 | sand | pk | FMc | clayey sand |
| MC223 | 22.0 | 23.0 | sand | pk | FMc | clayey sand |
| MC223 | 23.0 | 24.0 | sand | pk | FMc | clayey sand |
| MC223 | 24.0 | 25.0 | sand | pk/or | FMc | clayey sand |
| MC223 | 25.0 | 26.0 | sand | lt or | FM | clayey sand with gravel |
| MC223 | 26.0 | 27.0 | sand | lt or/br | FMc | clayey sand |
| MC223 | 27.0 | 28.0 | sand | lt or/br | FM | clayey sand with stones |
| MC223 | 28.0 | 29.0 | sand | lt or/br | FM | clayey sand |
| MC223 | 29.0 | 30.0 | sand | lt or/br | FM | clayey sand |
| MC223 | 30.0 | 31.0 | sand | br | FMc | clayey sand with stones |

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|-------|------|------|------|----------|-----|-------------------------------|
| MC223 | 31.0 | 32.0 | sand | br | FMc | clayey sand |
| MC223 | 32.0 | 33.0 | sand | br | FM | clayey sand |
| MC223 | 33.0 | 34.0 | sand | br | FM | clayey sand |
| MC223 | 34.0 | 35.0 | sand | br | FMc | clayey sand with stones |
| MC223 | 35.0 | 36.0 | sand | br/pk | FMc | clayey sand with large stones |
| MC223 | 36.0 | 37.0 | sand | br/pk | FMc | clayey sand |
| MC223 | 37.0 | 38.0 | sand | pk/br | FMc | clayey sand |
| MC223 | 38.0 | 39.0 | sand | dk pk | FMC | clayey sand |
| MC223 | 39.0 | 40.0 | sand | dk pk | FMC | clayey sand |
| MC223 | 40.0 | 41.0 | sand | dk pk | FMc | clayey sand |
| MC223 | 41.0 | 42.0 | sand | dk pk | FMc | clayey sand |
| MC224 | 0.0 | 1.0 | sand | lt br | FM | clayey sand with stones |
| MC224 | 1.0 | 2.0 | sand | lt br/or | FM | clayey sand |
| MC224 | 2.0 | 3.0 | sand | lt br/or | FM | clayey sand |
| MC224 | 3.0 | 4.0 | sand | br/or | FM | v.clayey sand |
| MC224 | 4.0 | 5.0 | sand | br/or | FM | v.clayey sand |
| MC224 | 5.0 | 6.0 | sand | br/or | FMc | v.clayey sand with stones |
| MC224 | 6.0 | 7.0 | sand | br/or | FMc | v.clayey sand |
| MC224 | 7.0 | 8.0 | sand | br/or | FMc | v.clayey sand with pebbles |
| MC224 | 8.0 | 9.0 | sand | br/or | FMc | clayey sand with pebbles |
| MC224 | 9.0 | 10.0 | sand | br/pk | FMc | v.clayey sand |
| MC224 | 10.0 | 11.0 | sand | br/or | FMc | v.clayey sand |
| MC224 | 11.0 | 12.0 | sand | br/or | FMc | v.clayey sand |
| MC224 | 12.0 | 13.0 | sand | br/or | FMc | v.clayey sand |
| MC224 | 13.0 | 14.0 | sand | pk | FM | clayey sand |
| MC224 | 14.0 | 15.0 | sand | pk | FMc | clayey sand |
| MC224 | 15.0 | 16.0 | sand | pk | FMc | v.clayey sand |
| MC224 | 16.0 | 17.0 | sand | pk | FM | v.clayey sand |
| MC224 | 17.0 | 18.0 | sand | pk | FM | v.clayey sand |
| MC224 | 18.0 | 19.0 | sand | pk | FM | v.clayey sand |
| MC224 | 19.0 | 20.0 | sand | pk | FM | v.clayey sand |
| MC224 | 20.0 | 21.0 | sand | pk | FM | v.clayey sand |
| MC224 | 21.0 | 22.0 | sand | pk | FM | v.clayey sand |
| MC224 | 22.0 | 23.0 | sand | br/or | FMc | v.clayey sand |
| MC224 | 23.0 | 24.0 | sand | br/or | FMc | v.clayey sand |
| MC224 | 24.0 | 25.0 | sand | br/or | FMC | clayey sand |
| MC224 | 25.0 | 26.0 | sand | br/or | FMC | clayey sand |
| MC224 | 26.0 | 27.0 | sand | or | FMC | clayey sand |
| MC224 | 27.0 | 28.0 | sand | or | FMC | clayey sand |
| MC224 | 28.0 | 29.0 | sand | or | FMC | clayey sand |
| MC224 | 29.0 | 30.0 | sand | or/pk | FMC | clayey sand with gravel |
| MC224 | 30.0 | 31.0 | sand | pk | FMC | v.clayey sand with gravel |
| MC224 | 31.0 | 32.0 | sand | dk pk | FMC | v.clayey sand |
| MC224 | 32.0 | 33.0 | sand | pk | FMC | v.clayey sand |
| MC224 | 33.0 | 34.0 | sand | pk/br | FM | clayey sand |
| MC224 | 34.0 | 35.0 | sand | br/or | FMc | clayey sand |
| MC224 | 35.0 | 36.0 | sand | br/or | FMc | clayey sand |
| MC224 | 36.0 | 37.0 | sand | br | FM | clayey sand |
| MC224 | 37.0 | 38.0 | sand | br | FM | clayey sand |
| MC224 | 38.0 | 39.0 | sand | br | FM | clayey sand |
| MC224 | 39.0 | 40.0 | sand | br | FM | clayey sand |
| MC224 | 40.0 | 41.0 | sand | br | FMc | clayey sand |
| MC224 | 41.0 | 42.0 | sand | br | FMc | clayey sand |
| MC225 | 0.0 | 1.0 | sand | br | FMc | clayey sand |
| MC225 | 1.0 | 2.0 | sand | bone | FMc | clayey sand |
| MC225 | 2.0 | 3.0 | sand | or | FMc | clayey sand |

| | | | | | | |
|-------|------|------|------|----------|------|-------------------------------|
| MC225 | 3.0 | 4.0 | sand | br/or | FM | v.clayey sand |
| MC225 | 4.0 | 5.0 | clay | br/or | F | sandy clay |
| MC225 | 5.0 | 6.0 | clay | br/or | F | sandy clay |
| MC225 | 6.0 | 7.0 | sand | br/or | FMC | clayey sand |
| MC225 | 7.0 | 8.0 | sand | br/or | FMC | clayey sand with stones |
| MC225 | 8.0 | 9.0 | sand | br/or | FMC | clayey sand with clay lumps |
| MC225 | 9.0 | 10.0 | sand | br/pk | FMc | v.clayey sand with stones |
| MC225 | 10.0 | 11.0 | sand | br/pk | FMc | v.clayey sand with stones |
| MC225 | 11.0 | 12.0 | sand | pk | FMc | v.clayey sand with stones |
| MC225 | 12.0 | 13.0 | sand | br/pk | FMc | v.clayey sand with clay lumps |
| MC225 | 13.0 | 14.0 | sand | br/pk | FMc | v.clayey sand with clay lumps |
| MC225 | 14.0 | 15.0 | sand | pk | FMC | v.clayey sand with stones |
| MC225 | 15.0 | 16.0 | sand | br/pk | FMC | v.clayey sand with clay lumps |
| MC225 | 16.0 | 17.0 | sand | pk | FM | clayey sand |
| MC225 | 17.0 | 18.0 | sand | pk | FM | clayey sand |
| MC225 | 18.0 | 19.0 | sand | br/pk | FM | clayey sand |
| MC225 | 19.0 | 20.0 | sand | br/pk | FM | clayey sand |
| MC225 | 20.0 | 21.0 | sand | br/pk | FM | clayey sand |
| MC225 | 21.0 | 22.0 | sand | br/pk | FMc | clayey sand |
| MC225 | 22.0 | 23.0 | sand | pk | FMC | clayey sand with stones |
| MC225 | 23.0 | 24.0 | sand | pk | FMC | clayey sand |
| MC225 | 24.0 | 25.0 | sand | pk | FMC | clayey sand |
| MC225 | 25.0 | 26.0 | sand | pk | FMC | clayey sand |
| MC225 | 26.0 | 27.0 | sand | pk | FMC | clayey sand |
| MC225 | 27.0 | 28.0 | sand | pk | FMC | clayey sand |
| MC225 | 28.0 | 29.0 | sand | pk | FMC | clayey sand |
| MC225 | 29.0 | 30.0 | sand | pk | FMC | clayey sand |
| MC225 | 30.0 | 31.0 | sand | br/pk | FM | clayey sand |
| MC225 | 31.0 | 32.0 | sand | lt br/pk | FM | clayey sand |
| MC225 | 32.0 | 33.0 | sand | lt pk/gy | FMC+ | clayey sand |
| MC225 | 33.0 | 34.0 | sand | lt pk/gy | FMC+ | clayey sand |
| MC225 | 34.0 | 35.0 | sand | gy | FMC | clayey sand |
| MC225 | 35.0 | 36.0 | sand | gy | FMC | clayey sand |
| MC225 | 36.0 | 37.0 | sand | gy | FMc | clayey sand |
| MC225 | 37.0 | 38.0 | sand | gy | FMc | clayey sand |
| MC225 | 38.0 | 39.0 | sand | gy | FMc | clayey sand |
| MC225 | 39.0 | 40.0 | sand | gy | FM | clayey sand |
| MC225 | 40.0 | 41.0 | sand | gy | FM | clayey sand |
| MC225 | 41.0 | 42.0 | sand | gy | FM | clayey sand |
| MC226 | 0.0 | 1.0 | sand | dk br | FMc | clayey sand |
| MC226 | 1.0 | 2.0 | sand | br/or | FM | clayey sand with clay lumps |
| MC226 | 2.0 | 3.0 | sand | br/or | FMc | clayey sand |
| MC226 | 3.0 | 4.0 | clay | br/or | FMC | sandy clay |
| MC226 | 4.0 | 5.0 | clay | br/or | FMC | sandy clay |
| MC226 | 5.0 | 6.0 | clay | br/or | FMC | sandy clay |
| MC226 | 6.0 | 7.0 | sand | br/pk | FMc | v.clayey sand |
| MC226 | 7.0 | 8.0 | sand | br/pk | FMc | v.clayey sand |
| MC226 | 8.0 | 9.0 | sand | br/pk | FMc | v.clayey sand |
| MC226 | 9.0 | 10.0 | sand | br/pk | FM | v.clayey sand |
| MC226 | 10.0 | 11.0 | sand | pk | FMc | v.clayey sand |
| MC226 | 11.0 | 12.0 | sand | pk/or | FMc | v.clayey sand |
| MC226 | 12.0 | 13.0 | sand | pk | FMc | clayey sand with stones |
| MC226 | 13.0 | 14.0 | sand | pk | FMc | clayey sand |
| MC226 | 14.0 | 15.0 | sand | pk | FMC | clayey sand |
| MC226 | 15.0 | 16.0 | sand | pk | FMc | clayey sand |
| MC226 | 16.0 | 17.0 | sand | pk | FMc | clayey sand |

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|-------|------|------|------|----------|------|--------------------------------|
| MC226 | 17.0 | 18.0 | sand | pk | FMC | clayey sand |
| MC226 | 18.0 | 19.0 | sand | dk pk | FMC | clayey sand with stones |
| MC226 | 19.0 | 20.0 | sand | pk | FMC | v. clayey sand |
| MC226 | 20.0 | 21.0 | sand | pk | FMc | clayey sand |
| MC226 | 21.0 | 22.0 | sand | pk | FMc | clayey sand |
| MC226 | 22.0 | 23.0 | sand | apr | FM | clayey sand |
| MC226 | 23.0 | 24.0 | sand | apr | FM | clayey sand |
| MC226 | 24.0 | 25.0 | sand | apr | FMc | clayey sand |
| MC226 | 25.0 | 26.0 | sand | pk/gy | FMc | clayey sand |
| MC226 | 26.0 | 27.0 | sand | gy | FMc | clayey sand |
| MC226 | 27.0 | 28.0 | sand | gy/pk | FMc | clayey sand |
| MC226 | 28.0 | 29.0 | sand | gy/pk | FMc | clayey sand |
| MC226 | 29.0 | 30.0 | sand | gy | FMc | clayey sand |
| MC226 | 30.0 | 31.0 | sand | gy | FMC | clayey sand |
| MC226 | 31.0 | 32.0 | sand | gy | FMc | clayey sand |
| MC226 | 32.0 | 33.0 | sand | gy | FMc | clayey sand |
| MC226 | 33.0 | 34.0 | sand | gy | FMc | clayey sand |
| MC226 | 34.0 | 35.0 | sand | gy | FMc | clayey sand |
| MC226 | 35.0 | 36.0 | sand | gy/must | FMc | clayey sand |
| MC226 | 36.0 | 37.0 | sand | must | FMc | clayey sand |
| MC226 | 37.0 | 38.0 | sand | must | FMc | clayey sand |
| MC226 | 38.0 | 39.0 | sand | must | FMc | clayey sand |
| MC226 | 39.0 | 40.0 | sand | must | FMC | clayey sand |
| MC226 | 40.0 | 41.0 | sand | must/pk | FMc | clayey sand |
| MC226 | 41.0 | 42.0 | sand | must/pk | FMc | clayey sand |
| MC227 | 0.0 | 1.0 | sand | br | FMc | v. clayey sand with clay lumps |
| MC227 | 1.0 | 2.0 | sand | or/br | FMc | clayey sand with clay lumps |
| MC227 | 2.0 | 3.0 | sand | or/br | FMc | clayey sand |
| MC227 | 3.0 | 4.0 | sand | or/br/pk | FMC | clayey sand |
| MC227 | 4.0 | 5.0 | sand | pk | FMC | clayey sand |
| MC227 | 5.0 | 6.0 | sand | pk | FMC | clayey sand |
| MC227 | 6.0 | 7.0 | sand | pk | FMC | clayey sand |
| MC227 | 7.0 | 8.0 | sand | pk | FMC | clayey sand |
| MC227 | 8.0 | 9.0 | sand | pk | FMC | clayey sand |
| MC227 | 9.0 | 10.0 | sand | pk | FMC | clayey sand |
| MC227 | 10.0 | 11.0 | sand | pk | FMC+ | clayey sand with stones |
| MC227 | 11.0 | 12.0 | sand | pk | FMC+ | clayey sand |
| MC227 | 12.0 | 13.0 | sand | pk | FMC+ | clayey sand |
| MC227 | 13.0 | 14.0 | sand | lt pk | FMc | clayey sand |
| MC227 | 14.0 | 15.0 | sand | lt pk | FMc | clayey sand |
| MC227 | 15.0 | 16.0 | sand | lt pk | FM | clayey sand |
| MC227 | 16.0 | 17.0 | sand | lt pk | FM | clayey sand |
| MC227 | 17.0 | 18.0 | sand | lt pk | FM | clayey sand |
| MC227 | 18.0 | 19.0 | sand | lt pk/br | FMC | clayey sand with gravel |
| MC227 | 19.0 | 20.0 | sand | lt pk/br | FMC | clayey sand |
| MC227 | 20.0 | 21.0 | sand | bone | FMc | clayey sand |
| MC227 | 21.0 | 22.0 | sand | bone | FMC | clayey sand |
| MC227 | 22.0 | 23.0 | sand | bone | FMC+ | clayey sand with large stones |
| MC227 | 23.0 | 24.0 | sand | bone/pk | FMC | clayey sand |
| MC227 | 24.0 | 25.0 | sand | pk | FMC | clayey sand |
| MC227 | 25.0 | 26.0 | sand | pk/or | FMC | clayey sand |
| MC227 | 26.0 | 27.0 | sand | pk | FMC | clayey sand |
| MC227 | 27.0 | 28.0 | sand | pk | FMC | clayey sand |
| MC227 | 28.0 | 29.0 | sand | pk | FMC+ | clayey sand |
| MC227 | 29.0 | 30.0 | sand | pk | FMC+ | clayey sand with clay lumps |
| MC227 | 30.0 | 31.0 | sand | lt pk | FM | silty sand |

| | | | | | | |
|-------|------|------|------|------------|------|---------------------------------------|
| MC227 | 31.0 | 32.0 | sand | lt pk | FM | silty sand |
| MC227 | 32.0 | 33.0 | sand | bone/pk | FMc | clayey sand |
| MC227 | 33.0 | 34.0 | sand | bone/lt pk | FMC | clayey sand |
| MC227 | 34.0 | 35.0 | sand | bone/lt pk | FMC | clayey sand |
| MC227 | 35.0 | 36.0 | sand | bone/lt pk | FMC | clayey sand with stones |
| MC227 | 36.0 | 37.0 | sand | bone/lt pk | FMC | clayey sand |
| MC227 | 37.0 | 38.0 | sand | bone/lt pk | FMC | clayey sand |
| MC227 | 38.0 | 39.0 | sand | bone/lt pk | FMc | clayey sand with clay lumps |
| MC227 | 39.0 | 40.0 | sand | lt pk | FMc | clayey sand |
| MC227 | 40.0 | 41.0 | sand | pk | FM | clayey sand with clay lumps |
| MC227 | 41.0 | 42.0 | sand | pk | FM | clayey sand with clay lumps |
| MC228 | 0.0 | 1.0 | clay | br | FMC | sandy clay |
| MC228 | 1.0 | 2.0 | clay | br/or | FMC | sandy clay with stones and clay lumps |
| MC228 | 2.0 | 3.0 | clay | br/or | FMC | sandy clay with clay lumps |
| MC228 | 3.0 | 4.0 | clay | br/or | F | clay |
| MC228 | 4.0 | 5.0 | clay | br/or | F | clay |
| MC228 | 5.0 | 6.0 | sand | br/or | FM | v.clayey sand with clay lumps |
| MC228 | 6.0 | 7.0 | sand | lt br/or | FMC | clayey sand |
| MC228 | 7.0 | 8.0 | sand | lt br/pk | FMC | clayey sand |
| MC228 | 8.0 | 9.0 | sand | br/pk | FMC+ | clayey sand |
| MC228 | 9.0 | 10.0 | sand | br/or | FMC | clayey sand |
| MC228 | 10.0 | 11.0 | sand | br/pk | FMC | clayey sand |
| MC228 | 11.0 | 12.0 | sand | or/yw | FM | clayey sand |
| MC228 | 12.0 | 13.0 | sand | or/yw | FMC | clayey sand |
| MC228 | 13.0 | 14.0 | sand | or/pk | FMC | clayey sand with gravel |
| MC228 | 14.0 | 15.0 | sand | pk | FMC | clayey sand |
| MC228 | 15.0 | 16.0 | sand | pk/gy | FMC+ | v.clayey sand with stones |
| MC228 | 16.0 | 17.0 | sand | pk | FMC | v.clayey sand |
| MC228 | 17.0 | 18.0 | sand | pk | FMC | v.clayey sand |
| MC228 | 18.0 | 19.0 | sand | pk | FMC | v.clayey sand |
| MC228 | 19.0 | 20.0 | sand | pk | FMC | v.clayey sand with stones |
| MC228 | 20.0 | 21.0 | sand | pk | FMc | v.clayey sand with clay lumps |
| MC228 | 21.0 | 22.0 | sand | pk | FMc | v.clayey sand |
| MC228 | 22.0 | 23.0 | sand | pk | FM | clayey sand |
| MC228 | 23.0 | 24.0 | sand | pk | FM | clayey sand |
| MC228 | 24.0 | 25.0 | sand | pk | FM | clayey sand |
| MC228 | 25.0 | 26.0 | sand | pk | FM | clayey sand |
| MC228 | 26.0 | 27.0 | sand | pk | FMc | clayey sand |
| MC228 | 27.0 | 28.0 | sand | lt br | FMC | clayey sand |
| MC228 | 28.0 | 29.0 | sand | lt br/pk | FMC+ | clayey sand |
| MC228 | 29.0 | 30.0 | sand | lt br/pk | FMC+ | clayey sand |
| MC228 | 30.0 | 31.0 | sand | br/pk | FMC+ | clayey sand |
| MC228 | 31.0 | 32.0 | sand | br/pk | FMc | clayey sand |
| MC228 | 32.0 | 33.0 | sand | bone | FM | clayey sand |
| MC228 | 33.0 | 34.0 | sand | br | FMC | clayey sand |
| MC228 | 34.0 | 35.0 | sand | br/pk | FMC+ | clayey sand |
| MC228 | 35.0 | 36.0 | sand | br/pk | FMC+ | clayey sand |
| MC228 | 36.0 | 37.0 | sand | br/pk | FMC | clayey sand |
| MC228 | 37.0 | 38.0 | sand | br/pk | FMC | clayey sand |
| MC228 | 38.0 | 39.0 | sand | br/pk | FMC | clayey sand |
| MC228 | 39.0 | 40.0 | sand | br/pk | FMC | clayey sand |
| MC228 | 40.0 | 41.0 | sand | pk/br | FMC | clayey sand |
| MC228 | 41.0 | 42.0 | sand | pk/br | FMC | clayey sand |
| MC229 | 0.0 | 1.0 | sand | br | FMc | clayey sand with stones and lumps |
| MC229 | 1.0 | 2.0 | sand | br/or | FMc | clayey sand |
| MC229 | 2.0 | 3.0 | sand | br/or | FMC | clayey sand |

| | | | | | | |
|-------|------|------|------|----------|-------|------------------------------------|
| MC229 | 3.0 | 4.0 | sand | br/or | FMC | clayey sand |
| MC229 | 4.0 | 5.0 | sand | br/or | FMC | clayey sand |
| MC229 | 5.0 | 6.0 | sand | or/pk | FMC | clayey sand |
| MC229 | 6.0 | 7.0 | sand | dk pk | FMc | clayey sand |
| MC229 | 7.0 | 8.0 | sand | dk pk | FMc | clayey sand |
| MC229 | 8.0 | 9.0 | sand | pk/or | FMc | clayey sand |
| MC229 | 9.0 | 10.0 | sand | pk | FMC | clayey sand |
| MC229 | 10.0 | 11.0 | sand | pk | FMC | clayey sand |
| MC229 | 11.0 | 12.0 | sand | pk | FMC | clayey sand with gravel |
| MC229 | 12.0 | 13.0 | sand | pk | FMC | v.clayey sand |
| MC229 | 13.0 | 14.0 | sand | pk | FMC | clayey sand |
| MC229 | 14.0 | 15.0 | sand | pk | FMC | clayey sand |
| MC229 | 15.0 | 16.0 | sand | pk | FMC | clayey sand |
| MC229 | 16.0 | 17.0 | sand | pk/br | FMC+ | clayey sand with gravel |
| MC229 | 17.0 | 18.0 | sand | pk/br | FMC | clayey sand |
| MC229 | 18.0 | 19.0 | sand | pk | FMC+ | clayey sand |
| MC229 | 19.0 | 20.0 | sand | pk/br | FMc | clayey sand |
| MC229 | 20.0 | 21.0 | sand | br/pk | FMC++ | clayey sand |
| MC229 | 21.0 | 22.0 | sand | br/pk | FMC | clayey sand |
| MC229 | 22.0 | 23.0 | sand | br/pk | FMC | clayey sand |
| MC229 | 23.0 | 24.0 | sand | br/pk | FMC | clayey sand |
| MC229 | 24.0 | 25.0 | sand | br/pk | FMc | clayey sand |
| MC229 | 25.0 | 26.0 | sand | br/pk | FMc | clayey sand |
| MC229 | 26.0 | 27.0 | sand | bone | FM | clayey sand |
| MC229 | 27.0 | 28.0 | sand | bone | FM | clayey sand |
| MC229 | 28.0 | 29.0 | sand | bone | FMC | clayey sand |
| MC229 | 29.0 | 30.0 | sand | bone/pk | FM | clayey sand with clay lumps |
| MC229 | 30.0 | 31.0 | sand | lt br | FM | clayey sand |
| MC229 | 31.0 | 32.0 | sand | lt br | FMC | clayey sand |
| MC229 | 32.0 | 33.0 | sand | bone | FFM | clayey sand |
| MC229 | 33.0 | 34.0 | sand | bone | FMc | clayey sand |
| MC229 | 34.0 | 35.0 | sand | bone | FMc | clayey sand |
| MC229 | 35.0 | 36.0 | sand | pk/br | FMc | clayey sand |
| MC229 | 36.0 | 37.0 | sand | lt br | FMc | clayey sand |
| MC229 | 37.0 | 38.0 | sand | lt br | FMC | clayey sand |
| MC229 | 38.0 | 39.0 | sand | lt br | FMC | clayey sand |
| MC229 | 39.0 | 40.0 | sand | lt br | FMC | clayey sand |
| MC230 | 0.0 | 1.0 | sand | br | FM | clayey sand with rocks |
| MC230 | 1.0 | 2.0 | sand | br/or | FM | clayey sand with clay lumps |
| MC230 | 2.0 | 3.0 | sand | br/or | FMc | v.clayey sand with hard clay lumps |
| MC230 | 3.0 | 4.0 | sand | rd/br | FMc | clayey sand |
| MC230 | 4.0 | 5.0 | sand | rd/br | FMc | clayey sand |
| MC230 | 5.0 | 6.0 | sand | rd/br | FM | clayey sand |
| MC230 | 6.0 | 7.0 | sand | br/or | FFM | clayey sand |
| MC230 | 7.0 | 8.0 | sand | br/or | FFM | clayey sand |
| MC230 | 8.0 | 9.0 | sand | br/or | FM | clayey sand |
| MC230 | 9.0 | 10.0 | sand | lt br/or | FMc | clayey sand with stones |
| MC230 | 10.0 | 11.0 | sand | lt br/or | FMc | clayey sand |
| MC230 | 11.0 | 12.0 | sand | lt br/or | FMc | clayey sand |
| MC230 | 12.0 | 13.0 | sand | lt br/or | FMc | clayey sand |
| MC230 | 13.0 | 14.0 | sand | or | FM | clayey sand |
| MC230 | 14.0 | 15.0 | sand | or | FM | clayey sand |
| MC230 | 15.0 | 16.0 | sand | bone | FMC | clayey sand |
| MC230 | 16.0 | 17.0 | sand | bone/or | FM | clayey sand |
| MC230 | 17.0 | 18.0 | sand | bone/yw | FM | clayey sand |
| MC230 | 18.0 | 19.0 | sand | bone/yw | FM | clayey sand |

| | | | | | | |
|-------|------|------|------|-----------|------|---|
| MC230 | 19.0 | 20.0 | sand | off white | FM | clayey sand |
| MC230 | 20.0 | 21.0 | sand | bone | FMc | clayey sand |
| MC230 | 21.0 | 22.0 | sand | bone | FMC+ | clayey sand with stones |
| MC230 | 22.0 | 23.0 | sand | bone | FMC+ | clayey sand with stones |
| MC230 | 23.0 | 24.0 | sand | pk/gy | FMc | clayey sand |
| MC230 | 24.0 | 25.0 | sand | pk/br | FMC | clayey sand |
| MC230 | 25.0 | 26.0 | sand | pk/br | FMC | clayey sand |
| MC230 | 26.0 | 27.0 | sand | pk/or | FMC | clayey sand |
| MC230 | 27.0 | 28.0 | sand | br | FMC | clayey sand |
| MC230 | 28.0 | 29.0 | sand | br | FMC | clayey sand with pebbles |
| MC230 | 29.0 | 30.0 | sand | br | FMC | clayey sand with rounded pebble layer, WT |
| MC231 | 0.0 | 1.0 | sand | br | FM | sand |
| MC231 | 1.0 | 2.0 | sand | br/rd | FM | sand |
| MC231 | 2.0 | 3.0 | sand | br/rd | FM | clayey sand |
| MC231 | 3.0 | 4.0 | sand | br/rd | FM | clayey sand with clay lumps |
| MC231 | 4.0 | 5.0 | sand | br/rd | FM | clayey sand |
| MC231 | 5.0 | 6.0 | sand | br/rd | FM | clayey sand |
| MC231 | 6.0 | 7.0 | sand | lt br/or | FMc | clayey sand |
| MC231 | 7.0 | 8.0 | sand | lt br/or | FMc | clayey sand |
| MC231 | 8.0 | 9.0 | sand | lt br/or | FMc | clayey sand |
| MC231 | 9.0 | 10.0 | sand | lt br/or | FMc | clayey sand |
| MC231 | 10.0 | 11.0 | sand | pk/or | FMc | clayey sand |
| MC231 | 11.0 | 12.0 | sand | bone | FMC | clayey sand |
| MC231 | 12.0 | 13.0 | sand | bone | FMC | clayey sand |
| MC231 | 13.0 | 14.0 | sand | lt or | FMC | clayey sand |
| MC231 | 14.0 | 15.0 | sand | lt or | FMC | clayey sand |
| MC231 | 15.0 | 16.0 | sand | or | FMC | clayey sand |
| MC231 | 16.0 | 17.0 | sand | or/br | FMC | clayey sand |
| MC231 | 17.0 | 18.0 | sand | or/br | FMC+ | clayey sand |
| MC231 | 18.0 | 19.0 | sand | or/br | FMc | clayey sand |
| MC231 | 19.0 | 20.0 | sand | or/br | FMc | clayey sand |
| MC231 | 20.0 | 21.0 | sand | lt or/br | FMc | clayey sand |
| MC231 | 21.0 | 22.0 | sand | lt br/or | FMc | clayey sand |
| MC231 | 22.0 | 23.0 | sand | lt br/or | FM | clayey sand |
| MC231 | 23.0 | 24.0 | sand | lt br/or | FM | clayey sand |
| MC231 | 24.0 | 25.0 | sand | lt br/or | FMC | clayey sand |
| MC231 | 25.0 | 26.0 | sand | lt br/or | FMc | clayey sand |
| MC231 | 26.0 | 27.0 | sand | lt br | FMc | clayey sand |
| MC231 | 27.0 | 28.0 | sand | lt br/or | FMc | clayey sand |
| MC231 | 28.0 | 29.0 | sand | lt br | FMc | clayey sand |
| MC231 | 29.0 | 30.0 | sand | lt br | FMC | clayey sand |
| MC231 | 30.0 | 31.0 | sand | lt br | FMC | clayey sand |
| MC231 | 31.0 | 32.0 | sand | lt br | FMC | clayey sand with large clay lumps |
| MC231 | 32.0 | 33.0 | sand | lt br | FM | clayey sand |
| MC231 | 33.0 | 34.0 | sand | lt br | FMC | clayey sand |
| MC231 | 34.0 | 35.0 | sand | br | FMC | clayey sand |
| MC231 | 35.0 | 36.0 | sand | br | FMC+ | clayey sand |
| MC231 | 36.0 | 37.0 | sand | br | FMC | clayey sand |
| MC231 | 37.0 | 38.0 | sand | pk/br | FMC | clayey sand |
| MC231 | 38.0 | 39.0 | sand | pk/br | FMC+ | clayey sand |
| MC231 | 39.0 | 40.0 | sand | br | FMC+ | clayey sand with clay lumps |
| MC231 | 40.0 | 41.0 | sand | br | FMC | clayey sand |
| MC231 | 41.0 | 42.0 | sand | br | FMC | clayey sand |

Appendix 4

Analytical Results

| HOLE | FROM | TO | SAMPLE | SIEVE APERTURE SIZE (microns) | | | | | | | | | | |
|-------|------|----|---------|-------------------------------|-------|-------|-------|-------|-------|-------|------|------|--------|--|
| | | | | 600 | 500 | 425 | 300 | 212 | 150 | 106 | 75 | pan | | |
| MC200 | 0 | 4 | 1201701 | 2.1 | 9.19 | 7.91 | 22.84 | 24.59 | 19.48 | 10.17 | 4.64 | 0.06 | 100.98 | |
| MC200 | 4 | 8 | 1201702 | 2.14 | 9.51 | 10.24 | 30.48 | 25.06 | 15 | 6.4 | 2.98 | 0.02 | 101.83 | |
| MC200 | 8 | 11 | 1201703 | 0.85 | 5.08 | 6.81 | 27.13 | 29.92 | 20.07 | 7.78 | 3.47 | 0.08 | 101.19 | |
| MC200 | 11 | 15 | 1201704 | 2.1 | 9.23 | 10.01 | 31.27 | 25.94 | 15.15 | 5.95 | 2.62 | 0.06 | 102.33 | |
| MC200 | 15 | 18 | 1201705 | 2.73 | 11.09 | 10.89 | 30.83 | 23.3 | 14.18 | 5.93 | 3.18 | 0.09 | 102.22 | |
| MC200 | 18 | 25 | 1201706 | 1.87 | 9.25 | 9.46 | 27.93 | 24.88 | 16.81 | 7.51 | 3.23 | 0.08 | 101.02 | |
| MC200 | 25 | 34 | 1201707 | 3.11 | 11.88 | 11.09 | 31.24 | 22.88 | 13.64 | 4.97 | 2.13 | 0.03 | 100.97 | |
| MC200 | 34 | 42 | 1201708 | 1.59 | 8.2 | 9.35 | 28.54 | 24.86 | 16.63 | 6.83 | 3.27 | 0.02 | 99.29 | |
| MC201 | 0 | 6 | 1201709 | 1.03 | 11.5 | 12.1 | 32.7 | 24.9 | 11.7 | 4.21 | 1.7 | 0.02 | 99.86 | |
| MC201 | 6 | 13 | 1201710 | 1.7 | 14.6 | 13.7 | 33.4 | 21.7 | 9.9 | 3.6 | 1.6 | 0.01 | 100.21 | |
| MC201 | 13 | 17 | 1201711 | 2.71 | 11.9 | 11.32 | 31.4 | 22.61 | 12.99 | 4.88 | 1.93 | 0.02 | 99.76 | |
| MC201 | 17 | 25 | 1201712 | 0.57 | 7.99 | 8.24 | 26.82 | 27.79 | 18.1 | 7.31 | 2.82 | 0.02 | 99.66 | |
| MC201 | 25 | 30 | 1201713 | 2.4 | 10.22 | 10.99 | 30.08 | 23.42 | 15.83 | 5.33 | 1.36 | 0.01 | 99.64 | |
| MC201 | 30 | 34 | 1201714 | 2.46 | 21.84 | 18.67 | 32.58 | 15.28 | 6.22 | 2.33 | 0.79 | 0.01 | 100.18 | |
| MC201 | 34 | 42 | 1201715 | 1.61 | 9.47 | 11 | 35.86 | 26.66 | 11.73 | 2.87 | 0.72 | 0.01 | 99.93 | |
| MC202 | 0 | 6 | 1201716 | 0.88 | 10 | 10 | 28.9 | 24.17 | 13.51 | 7.38 | 4.81 | 0.01 | 99.66 | |
| MC202 | 6 | 12 | 1201717 | 2.19 | 8.74 | 9.04 | 29.58 | 24.63 | 17.41 | 6.81 | 2.13 | 0.01 | 100.54 | |
| MC202 | 12 | 20 | 1201718 | 0.86 | 8.6 | 8.81 | 27.99 | 27.74 | 17.11 | 7.11 | 2.26 | 0.01 | 100.49 | |
| MC202 | 20 | 24 | 1201719 | 1.61 | 7.12 | 7.69 | 27.6 | 27.1 | 19.2 | 7.36 | 2.34 | 0.02 | 100.04 | |
| MC202 | 24 | 27 | 1201720 | 0.92 | 8.71 | 9.95 | 30.27 | 27.07 | 14.78 | 5.73 | 2.21 | 0.03 | 99.67 | |
| MC202 | 27 | 39 | 1201721 | 2.62 | 11.99 | 11.89 | 34.91 | 20.97 | 11.22 | 4.82 | 1.71 | 0.01 | 100.14 | |
| MC203 | 0 | 5 | 1201722 | 2.59 | 12.14 | 12.22 | 32.5 | 23 | 12.13 | 4.71 | 2.18 | 0.05 | 101.52 | |
| MC203 | 5 | 9 | 1201723 | 1.5 | 8.18 | 8.95 | 28.28 | 26.51 | 18.5 | 7.21 | 2.61 | 0.03 | 101.77 | |
| MC203 | 9 | 14 | 1201724 | 1.45 | 6.12 | 6.88 | 24.44 | 27.75 | 21.74 | 8.59 | 2.69 | 0.03 | 99.69 | |
| MC203 | 14 | 24 | 1201725 | 2.18 | 10.07 | 10.43 | 30.61 | 25.44 | 14.28 | 5.03 | 2.02 | 0.02 | 100.08 | |
| MC203 | 24 | 33 | 1201726 | 2.73 | 12.91 | 12.49 | 34.05 | 22.1 | 11.59 | 4.39 | 2.12 | 0.03 | 102.41 | |
| MC204 | 0 | 4 | 1201727 | 2.53 | 9.94 | 10.54 | 30.49 | 23.03 | 14.65 | 6.69 | 3.07 | 0.02 | 100.96 | |
| MC204 | 4 | 6 | 1201728 | 2.58 | 12.26 | 11.26 | 31.49 | 21.42 | 12.58 | 6.12 | 2.89 | 0.02 | 100.62 | |
| MC204 | 6 | 14 | 1201729 | 1.98 | 9.35 | 9.8 | 30.29 | 25.79 | 16.24 | 5.85 | 1.57 | 0.02 | 100.89 | |
| MC204 | 14 | 19 | 1201730 | 1.06 | 6 | 6.98 | 26.7 | 29.04 | 20.35 | 8.26 | 2.56 | 0.02 | 100.97 | |
| MC204 | 19 | 24 | 1201731 | 1.15 | 6.92 | 7.44 | 24.08 | 23.05 | 21.25 | 12.48 | 5.03 | 0.04 | 101.44 | |
| MC204 | 24 | 32 | 1201732 | 1.34 | 8.59 | 9.97 | 32.89 | 27.87 | 14.32 | 4.15 | 1.43 | 0.02 | 100.58 | |
| MC204 | 32 | 39 | 1201733 | 4.22 | 15.99 | 14.51 | 34.76 | 18.71 | 8.5 | 3.02 | 1.58 | 0.02 | 101.31 | |
| MC205 | 0 | 3 | 1201734 | 2.29 | 13.54 | 13.49 | 37.86 | 22.38 | 9.39 | 2.7 | 1.18 | 0.04 | 102.87 | |
| MC205 | 3 | 6 | 1201735 | 1.69 | 10.6 | 10.71 | 31.84 | 24.21 | 14.15 | 5.48 | 2.63 | 0.05 | 101.36 | |
| MC205 | 6 | 9 | 1201736 | 0.83 | 4.79 | 5.86 | 23.25 | 29.06 | 22.96 | 10.33 | 4.3 | 0.08 | 101.46 | |
| MC205 | 9 | 15 | 1201737 | 0.66 | 3.89 | 5.15 | 22.43 | 26.71 | 22.97 | 12.84 | 6.34 | 0.1 | 101.09 | |
| MC205 | 15 | 25 | 1201738 | 2.97 | 11.64 | 11.04 | 28.96 | 21.37 | 14.25 | 7.38 | 3.48 | 0.03 | 101.12 | |
| MC205 | 25 | 34 | 1201739 | 2.03 | 9.68 | 10.36 | 32.28 | 24.24 | 14.43 | 5.39 | 2.33 | 0.03 | 100.77 | |
| MC205 | 34 | 37 | 1201740 | 0.9 | 6.77 | 8.09 | 26.84 | 25.69 | 22.59 | 7.51 | 1.68 | 0.03 | 100.1 | |
| MC206 | 0 | 5 | 1201741 | 0.51 | 3.13 | 4.24 | 20.35 | 29.36 | 23.54 | 13.12 | 7.67 | 0.17 | 102.09 | |
| MC206 | 5 | 10 | 1201742 | 1.01 | 6.86 | 8.06 | 28.59 | 29.41 | 17.76 | 6.43 | 4.33 | 0.05 | 102.5 | |
| NS | | | 1201743 | | | | | | | | | | 0 | |
| MC206 | 10 | 14 | 1201744 | 2.69 | 13.38 | 12.47 | 35.43 | 22.53 | 10.03 | 2.73 | 1.37 | 0.02 | 100.65 | |
| MC206 | 14 | 17 | 1201745 | 0.94 | 6.22 | 8.7 | 35.93 | 32.42 | 12.97 | 3.13 | 1.29 | 0.02 | 101.62 | |
| MC206 | 17 | 26 | 1201746 | 0.89 | 4.43 | 5.42 | 24.45 | 29.87 | 23.37 | 10.1 | 3.33 | 0.02 | 101.88 | |
| MC206 | 26 | 36 | 1201747 | 1.59 | 9.45 | 10.19 | 36.39 | 24.95 | 12.12 | 3.96 | 1.29 | 0.02 | 99.96 | |
| MC206 | 36 | 40 | 1201748 | 3.66 | 16.48 | 15.21 | 35.09 | 17.95 | 7.27 | 2.63 | 1.31 | 0.05 | 99.65 | |
| MC207 | 0 | 6 | 1201749 | 0.65 | 8.28 | 8.25 | 26.33 | 27.56 | 17.99 | 6.87 | 2.65 | 0.01 | 98.59 | |
| MC207 | 6 | 13 | 1201750 | 0.38 | 3.52 | 5.14 | 24.98 | 32.5 | 22.95 | 8.41 | 2.18 | 0.01 | 100.07 | |
| MC207 | 13 | 21 | 1201751 | 0.44 | 5.19 | 6.84 | 29.15 | 34.84 | 18.27 | 4.62 | 0.98 | 0.01 | 100.34 | |
| MC207 | 21 | 25 | 1201752 | 0.35 | 2.72 | 4.36 | 22.43 | 27.64 | 26.88 | 12.2 | 3.38 | 0.05 | 100.01 | |
| MC207 | 25 | 32 | 1201753 | 3.43 | 15.24 | 13.54 | 36.43 | 19.65 | 8.2 | 2.29 | 0.77 | 0.04 | 99.59 | |
| MC207 | 32 | 42 | 1201754 | 2.54 | 14.5 | 13.97 | 40.21 | 19.71 | 6.97 | 1.74 | 0.54 | 0.03 | 100.21 | |
| MC208 | 0 | 5 | 1201755 | 0.39 | 2.76 | 3.93 | 18.69 | 29.63 | 26.3 | 12.86 | 5.78 | 0.03 | 100.37 | |
| MC208 | 5 | 7 | 1201756 | 0.09 | 1.43 | 2.83 | 18.75 | 34.89 | 28.93 | 9.45 | 3.67 | 0.02 | 100.06 | |
| MC208 | 7 | 11 | 1201757 | 0.76 | 5.08 | 7.43 | 30.05 | 30.65 | 19.43 | 6.18 | 1.69 | 0.03 | 101.3 | |

| | | | | | | | | | | | | | |
|-------|-----|-----|---------|------|-------|-------|-------|-------|-------|-------|------|------|--------|
| MC208 | 11 | 16 | 1201758 | 0.7 | 5.16 | 6.13 | 23.53 | 28.55 | 23.7 | 9.63 | 3.03 | 0.03 | 100.46 |
| MC208 | 16 | 21 | 1201759 | 1.61 | 9.34 | 11.34 | 39.97 | 25.51 | 9.23 | 2.43 | 1.18 | 0.02 | 100.63 |
| MC208 | 21 | 28 | 1201760 | 2.14 | 13.48 | 14.65 | 37.93 | 21.04 | 8.37 | 2.15 | 0.81 | 0.02 | 100.59 |
| MC208 | 28 | 36 | 1201761 | 3.99 | 17.63 | 16.24 | 39.06 | 17.29 | 4.79 | 1.24 | 0.59 | 0.02 | 100.85 |
| MC208 | 36 | 42 | 1201762 | 3.07 | 16.72 | 16.49 | 39.38 | 18.16 | 5.43 | 1.29 | 0.56 | 0.02 | 101.12 |
| MC209 | 0 | 4 | 1201763 | 1.12 | 5.69 | 7.02 | 25.75 | 25.35 | 20.57 | 9.65 | 4.76 | 0.09 | 100 |
| MC209 | 4 | 8 | 1201764 | 0.32 | 5.46 | 6.75 | 26.37 | 30.81 | 18.86 | 7.84 | 3.35 | 0.07 | 99.83 |
| MC209 | 8 | 12 | 1201765 | 0.98 | 10.54 | 11.24 | 31.93 | 28.73 | 12.51 | 3.24 | 0.94 | 0.01 | 100.12 |
| MC209 | 12 | 16 | 1201766 | 3.39 | 15.33 | 14.53 | 37.22 | 20.22 | 6.84 | 1.98 | 0.71 | 0.01 | 100.23 |
| MC209 | 16 | 21 | 1201767 | 2.78 | 17.05 | 16.25 | 41.88 | 19.69 | 4.46 | 0.86 | 0.33 | 0.02 | 103.32 |
| MC209 | 21 | 26 | 1201768 | 4.54 | 18.7 | 16.25 | 35.49 | 16.08 | 6.24 | 2.28 | 1.09 | 0.03 | 100.7 |
| MC209 | 26 | 28 | 1201769 | 2.26 | 9.94 | 8.39 | 23.46 | 22.1 | 18.09 | 11.26 | 7.13 | 0.11 | 102.74 |
| MC209 | 28 | 38 | 1201770 | 1.63 | 12.65 | 12.89 | 35.88 | 24.69 | 10.18 | 2.29 | 0.73 | 0.02 | 100.96 |
| MC209 | 38 | 42 | 1201771 | 1.87 | 13.76 | 14.33 | 41.2 | 23.01 | 5.76 | 0.88 | 0.31 | 0.01 | 101.13 |
| MC210 | 0 | 2 | 1201772 | 0.75 | 6.09 | 9.23 | 35.27 | 24.41 | 14.16 | 7.58 | 2.62 | 0.04 | 100.15 |
| MC210 | 2 | 7 | 1201773 | 0.59 | 9.56 | 9.83 | 28.72 | 26.32 | 15.31 | 7.07 | 2.64 | 0.04 | 100.08 |
| MC210 | 7 | 9 | 1201774 | 0.2 | 1.75 | 3.25 | 23.61 | 39.51 | 26.33 | 4.56 | 0.61 | 0.01 | 99.83 |
| MC210 | 9 | 15 | 1201775 | 0.08 | 2.29 | 4.11 | 20.36 | 37.09 | 26.61 | 6.84 | 1.76 | 0.03 | 99.17 |
| MC210 | 15 | 25 | 1201776 | 0.4 | 3.55 | 5.26 | 26.21 | 32.36 | 24.41 | 7.24 | 1.78 | 0.04 | 101.25 |
| MC210 | 25 | 30 | 1201777 | 1.26 | 8.16 | 9.61 | 34.83 | 26.61 | 14.89 | 5.31 | 1.17 | 0.01 | 101.85 |
| MC210 | 30 | 39 | 1201778 | 1.25 | 14.08 | 13.65 | 34.09 | 22.89 | 10.19 | 2.84 | 0.82 | 0.01 | 99.82 |
| MC210 | 39 | 42 | 1201779 | 1.58 | 8.27 | 8.92 | 32.65 | 29.81 | 15.5 | 2.97 | 0.59 | 0.01 | 100.3 |
| MC211 | 0 | 3 | 1201780 | 0.59 | 6.96 | 7.03 | 24.82 | 29.63 | 16.88 | 8.6 | 5.64 | 0.01 | 100.16 |
| MC211 | 3 | 5 | 1201781 | 0.61 | 3.61 | 5.19 | 22.63 | 24.25 | 21.48 | 15.4 | 6.79 | 0.11 | 100.07 |
| MC211 | 5 | 8 | 1201782 | 2.78 | 17.68 | 11.61 | 28.41 | 21.26 | 10.56 | 4.63 | 2.88 | 0.01 | 99.82 |
| MC211 | 8 | 11 | 1201783 | 0.02 | 0.79 | 1.79 | 18.79 | 39.75 | 30.84 | 6.84 | 1.37 | 0.04 | 100.23 |
| MC211 | 11 | 14 | 1201784 | 0.23 | 1.57 | 2.69 | 21.22 | 39.68 | 26.43 | 6.32 | 1.77 | 0.02 | 99.93 |
| MC211 | 14 | 21 | 1201785 | 0.79 | 4.64 | 6.53 | 27.02 | 29.53 | 19.68 | 7.87 | 3.53 | 0.04 | 99.63 |
| MC211 | 21 | 29 | 1201786 | 1.27 | 5.92 | 7.27 | 24.21 | 24.09 | 20.03 | 11.77 | 6.05 | 0.15 | 100.76 |
| MC211 | 29 | 34 | 1201787 | 1.48 | 7.81 | 9.07 | 33.42 | 30.56 | 15.73 | 4.46 | 1.4 | 0.03 | 103.96 |
| MC211 | 34 | 40 | 1201788 | 4.35 | 15.39 | 13.25 | 31.63 | 19.85 | 10.81 | 4.42 | 2.41 | 0.06 | 102.17 |
| MC212 | 0 | 5 | 1201789 | 0.69 | 4.61 | 5.79 | 23.89 | 28.86 | 21.96 | 9.17 | 5.08 | 0.11 | 100.16 |
| MC212 | 5 | 9 | 1201790 | 1.38 | 8.15 | 9.32 | 30.43 | 29.75 | 16.15 | 4.96 | 5.11 | 0.06 | 105.31 |
| MC212 | 9 | 13 | 1201791 | 2.29 | 10.76 | 11.28 | 33.08 | 25.46 | 14.45 | 4.54 | 1.63 | 0.02 | 103.51 |
| MC212 | 13 | 21 | 1201792 | 1.9 | 9.16 | 10.11 | 31.59 | 28.16 | 16.02 | 4.88 | 1.33 | 0.02 | 103.17 |
| MC212 | 21 | 27 | 1201793 | 0.9 | 4.63 | 6.1 | 23.41 | 29.99 | 23.95 | 10.73 | 3.57 | 0.03 | 103.31 |
| MC212 | 27 | 33 | 1201794 | 0.99 | 6.49 | 8.31 | 33.35 | 31.67 | 14.7 | 4.73 | 1.82 | 0.04 | 102.1 |
| MC212 | 33 | 40 | 1201795 | 3.05 | 13.53 | 12.99 | 35.93 | 24.76 | 10.53 | 2.04 | 0.47 | 0.02 | 103.32 |
| MC213 | 0 | 4 | 1201796 | 0.68 | 6.78 | 8.52 | 27.16 | 28.33 | 17.03 | 7.44 | 3.29 | 0.04 | 99.27 |
| MC213 | 4 | 8 | 1201797 | 0.97 | 6.3 | 7.53 | 27.03 | 26.89 | 20.39 | 11.24 | 3.99 | 0.02 | 104.36 |
| MC213 | 8 | 15 | 1201798 | 1.01 | 10.34 | 11.78 | 35.66 | 28.77 | 10.84 | 2.77 | 0.84 | 0.01 | 102.02 |
| MC213 | 15 | 21 | 1201799 | 1.07 | 6.61 | 8.09 | 29.12 | 26.52 | 18.76 | 7.02 | 1.36 | 0.01 | 98.56 |
| MC213 | 21 | 33 | 1201800 | 1.25 | 12.62 | 13.44 | 35.06 | 23.79 | 9.84 | 3.22 | 0.99 | 0.01 | 100.22 |
| MC213 | 33 | 37 | 1201801 | 1.53 | 8.17 | 10.02 | 38.04 | 27.64 | 10.79 | 2.66 | 0.85 | 0.04 | 99.74 |
| MC213 | 37 | 42 | 1201802 | 1.29 | 13.42 | 13.03 | 33.16 | 22.88 | 10.68 | 3.29 | 1.12 | 0.01 | 98.88 |
| MC214 | 0 | 2 | 1201803 | 1.32 | 7.81 | 9.17 | 32.3 | 26.49 | 16.42 | 7.26 | 4.16 | 0.12 | 105.05 |
| MC214 | 2 | 7 | 1201804 | 1.24 | 6.78 | 8.99 | 30.13 | 26.13 | 15.92 | 5.18 | 2.28 | 0.03 | 96.68 |
| MC215 | 0 | 4 | 1201805 | 0.94 | 5.64 | 6.59 | 24.81 | 26.63 | 19.25 | 10.22 | 5.69 | 0.04 | 99.81 |
| MC215 | 4 | 8 | 1201806 | 1.59 | 7.77 | 7.47 | 24.85 | 27.63 | 16.95 | 6.96 | 6.69 | 0.14 | 100.05 |
| MC215 | 8 | 11 | 1201807 | 2.89 | 10.24 | 10.51 | 33.37 | 27.83 | 14.37 | 3.76 | 1.34 | 0.02 | 104.33 |
| MC215 | 11 | 20 | 1201808 | 2 | 9.5 | 10.37 | 34.07 | 27.41 | 12.69 | 4.2 | 1.75 | 0.02 | 102.01 |
| MC215 | 20 | 25 | 1201809 | 1.54 | 8.91 | 9.26 | 32.64 | 26.25 | 13.64 | 5.97 | 1.91 | 0.02 | 100.14 |
| MC215 | 25 | 36 | 1201810 | 0.68 | 6.72 | 7.94 | 26.33 | 31.69 | 18.69 | 5.63 | 1.67 | 0.01 | 99.36 |
| MC215 | 36 | 42 | 1201811 | 0.86 | 6.15 | 7.85 | 33.28 | 31.36 | 15.45 | 4.41 | 1.04 | 0.02 | 100.42 |
| MC216 | 0 | 4.5 | 1201812 | 0.23 | 2.85 | 3.76 | 17.34 | 27.57 | 24.48 | 15.45 | 8.83 | 0.02 | 100.53 |
| MC216 | 4.5 | 8 | 1201813 | 1.01 | 5.03 | 7.06 | 35.81 | 27.61 | 13.84 | 6.49 | 3.38 | 0.02 | 100.25 |
| MC216 | 8 | 15 | 1201814 | 1.25 | 8.49 | 9.64 | 30.36 | 23.24 | 15.71 | 8.64 | 3.01 | 0.02 | 100.36 |
| MC216 | 15 | 21 | 1201815 | 0.95 | 12.56 | 11.89 | 31.35 | 23.81 | 13.3 | 5.07 | 1.45 | 0.05 | 100.43 |
| MC216 | 21 | 28 | 1201816 | 2.12 | 11.74 | 11.81 | 31.44 | 20.41 | 12.34 | 6.61 | 3.18 | 0.07 | 99.72 |
| MC216 | 28 | 33 | 1201817 | 0.81 | 10.03 | 9.03 | 23.16 | 24.07 | 19.04 | 10.04 | 3.79 | 0.02 | 99.99 |

| | | | | | | | | | | | | | |
|-------|----|----|---------|------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| MC216 | 33 | 42 | 1201818 | 0.49 | 3.31 | 5.26 | 25.23 | 30.55 | 23.68 | 9.59 | 2.13 | 0.04 | 100.28 |
| MC217 | 0 | 4 | 1201819 | 0.44 | 8.04 | 8.58 | 27.02 | 25.42 | 16.23 | 9.04 | 5.18 | 0.08 | 100.03 |
| MC217 | 4 | 11 | 1201820 | 1.62 | 8.53 | 8.84 | 28.24 | 26.05 | 17.27 | 7.02 | 2.31 | 0.01 | 99.89 |
| MC217 | 11 | 16 | 1201821 | 1.83 | 13 | 12.43 | 32.88 | 22.95 | 10.69 | 3.84 | 1.38 | 0.01 | 99.01 |
| MC217 | 16 | 25 | 1201822 | 2.41 | 10.91 | 10.98 | 31.84 | 22.66 | 11.71 | 7.07 | 3.64 | 0.06 | 101.28 |
| MC217 | 25 | 30 | 1201823 | 2.73 | 13.98 | 12.18 | 28.93 | 22.53 | 14.29 | 4.96 | 1.33 | 0.02 | 100.95 |
| MC217 | 30 | 42 | 1201824 | 0.92 | 6.22 | 8.04 | 33.19 | 32.82 | 16.54 | 3.2 | 0.65 | 0.02 | 101.6 |
| MC218 | 0 | 7 | 1201825 | 0.68 | 4.19 | 5.61 | 23.43 | 26.28 | 21.53 | 11.68 | 6.18 | 0.23 | 99.81 |
| MC218 | 7 | 11 | 1201826 | 1.42 | 7.56 | 7.08 | 30.4 | 27.93 | 14.74 | 6.08 | 4.74 | 0.19 | 100.14 |
| MC218 | 11 | 20 | 1201827 | 1.98 | 10.05 | 9.93 | 30.98 | 24.25 | 15.11 | 5.69 | 1.99 | 0.05 | 100.03 |
| MC218 | 20 | 25 | 1201828 | 1.88 | 10.01 | 10.86 | 31.54 | 22.83 | 14.65 | 5.59 | 2.67 | 0.03 | 100.06 |
| MC218 | 25 | 32 | 1201829 | 3.07 | 12.5 | 12.37 | 32.25 | 22.19 | 12.69 | 4.73 | 1.77 | 0.01 | 101.58 |
| MC218 | 32 | 42 | 1201830 | 0.97 | 5.84 | 7.8 | 29.48 | 31.43 | 19.89 | 5.18 | 1.06 | 0.02 | 101.67 |
| MC219 | 0 | 3 | 1201831 | 1.76 | 8.76 | 8.96 | 25.89 | 22.59 | 18.25 | 8.63 | 4.11 | 0.03 | 98.98 |
| MC219 | 3 | 8 | 1201832 | 1.46 | 7.9 | 8.52 | 27.89 | 24.79 | 17.75 | 8.21 | 4.51 | 0.04 | 101.07 |
| MC219 | 8 | 17 | 1201833 | 1.36 | 7.09 | 8.15 | 27.39 | 26.93 | 17.14 | 7.53 | 4.05 | 0.04 | 99.68 |
| MC219 | 17 | 26 | 1201834 | 1.22 | 7.83 | 9.45 | 34.02 | 29.69 | 15.67 | 5.61 | 2.13 | 0.03 | 105.65 |
| MC219 | 26 | 32 | 1201835 | 1.22 | 9.41 | 10.18 | 33.26 | 26.32 | 14.7 | 4.08 | 1.25 | 0.02 | 100.44 |
| MC219 | 32 | 42 | 1201836 | 1.14 | 7.32 | 8.01 | 28.47 | 30.45 | 18.78 | 6.09 | 2.26 | 0.03 | 102.55 |
| MC220 | 0 | 3 | 1201837 | 0.79 | 5 | 5.99 | 21.78 | 24.46 | 20.99 | 14.86 | 10.03 | 0.4 | 104.3 |
| MC220 | 3 | 10 | 1201838 | 1.24 | 6.04 | 6.65 | 24.45 | 24.96 | 17.46 | 9.17 | 5.49 | 0.13 | 95.59 |
| MC220 | 10 | 14 | 1201839 | 2.13 | 11.98 | 11.4 | 31.68 | 23.27 | 12.54 | 5.03 | 2.29 | 0.02 | 100.34 |
| MC220 | 14 | 28 | 1201840 | 4.27 | 17.8 | 15.81 | 34.61 | 16.81 | 8.4 | 3.23 | 1.38 | 0.02 | 102.33 |
| MC220 | 28 | 35 | 1201841 | 0.51 | 3.39 | 5.19 | 26.1 | 32.24 | 23.95 | 7.12 | 2.34 | 0.03 | 100.87 |
| MC220 | 35 | 42 | 1201842 | 0.72 | 5.01 | 6.28 | 25.15 | 27.43 | 22.53 | 9.8 | 4.25 | 0.05 | 101.22 |
| MC221 | 0 | 3 | 1201843 | 1.54 | 8.7 | 9.22 | 30.18 | 24.99 | 16.97 | 6.43 | 2.13 | 0.17 | 100.33 |
| MC221 | 3 | 10 | 1201844 | 1.94 | 9.9 | 10.57 | 32.19 | 25.11 | 15.85 | 4.99 | 1.24 | 0.04 | 101.83 |
| MC221 | 10 | 13 | 1201845 | 2.58 | 12.81 | 12.13 | 31.27 | 21.43 | 14.16 | 6.03 | 2.09 | 0.03 | 102.53 |
| MC221 | 13 | 18 | 1201846 | 1.89 | 10.36 | 11.21 | 34.4 | 22.83 | 12.6 | 6.4 | 3.06 | 0.11 | 102.86 |
| MC221 | 18 | 27 | 1201847 | 1.36 | 5.99 | 7.07 | 28.64 | 28.84 | 19.7 | 6.53 | 1.95 | 0.05 | 100.13 |
| MC221 | 27 | 37 | 1201848 | 0.53 | 7.13 | 7.99 | 27.66 | 31.01 | 18.55 | 5.88 | 1.45 | 0.01 | 100.21 |
| MC221 | 37 | 42 | 1201849 | 0.93 | 12.33 | 12.7 | 32.49 | 24.99 | 11.16 | 3.66 | 1.08 | 0.01 | 99.35 |
| MC222 | 0 | 4 | 1201850 | 1.12 | 4.56 | 4.89 | 24.36 | 33.49 | 18.16 | 8.66 | 5.51 | 0.1 | 100.85 |
| MC222 | 4 | 10 | 1201851 | 1.29 | 6.95 | 8 | 26.21 | 26.15 | 19.26 | 8.47 | 3.25 | 0.04 | 99.62 |
| MC222 | 10 | 18 | 1201852 | 2.1 | 9.79 | 10.22 | 31.74 | 25.9 | 16.47 | 5.13 | 1.79 | 0.04 | 103.18 |
| MC222 | 18 | 26 | 1201853 | 1.38 | 8.41 | 9.17 | 28.31 | 25.81 | 18.6 | 6.39 | 1.96 | 0.04 | 100.07 |
| MC222 | 26 | 30 | 1201854 | 1.7 | 12.93 | 13.53 | 36.75 | 23.29 | 10.85 | 3.46 | 1.29 | 0.02 | 103.82 |
| MC222 | 30 | 42 | 1201855 | 1.89 | 10.72 | 11.31 | 34.06 | 26.23 | 13.23 | 3.86 | 1.41 | 0.03 | 102.74 |
| MC223 | 0 | 3 | 1201856 | 1.63 | 6.77 | 7.41 | 24.16 | 27.42 | 21.04 | 9.53 | 3.81 | 0.06 | 101.83 |
| MC223 | 3 | 10 | 1201857 | 1.97 | 9.37 | 9.51 | 28.71 | 25.3 | 16 | 6.59 | 3.24 | 0.04 | 100.73 |
| MC223 | 10 | 15 | 1201858 | 2.03 | 9.93 | 10.29 | 34.19 | 28.45 | 12.96 | 3.19 | 0.95 | 0.03 | 102.02 |
| MC223 | 15 | 24 | 1201859 | 1.57 | 8.68 | 10.08 | 35.36 | 26.45 | 13.18 | 4 | 1.45 | 0.03 | 100.8 |
| MC223 | 24 | 30 | 1201860 | 0.79 | 4.8 | 6.36 | 24.15 | 28.62 | 23.82 | 9.91 | 3.53 | 0.05 | 102.03 |
| MC223 | 30 | 38 | 1201861 | 1.54 | 7.68 | 9.04 | 32.17 | 27.31 | 16.37 | 5.73 | 2.06 | 0.02 | 101.92 |
| MC223 | 38 | 42 | 1201862 | 1.3 | 8.65 | 9.89 | 31.72 | 30.23 | 17.18 | 3.14 | 0.58 | 0.02 | 102.71 |
| MC224 | 0 | 3 | 1201863 | 1.96 | 7.38 | 7.68 | 25.71 | 24.41 | 18.29 | 9.74 | 4.19 | 0.13 | 99.49 |
| MC224 | 3 | 13 | 1201864 | 1.58 | 8.33 | 9.87 | 35.31 | 26.36 | 12.86 | 4.26 | 1.52 | 0.07 | 100.16 |
| MC224 | 13 | 22 | 1201865 | 1.04 | 6.57 | 7.64 | 27.79 | 27.9 | 19.24 | 7.68 | 2.34 | 0.07 | 100.27 |
| MC224 | 22 | 29 | 1201866 | 2.68 | 14.5 | 13.01 | 35.95 | 20.83 | 10.13 | 3.28 | 0.99 | 0.03 | 101.4 |
| MC224 | 29 | 34 | 1201867 | 3.13 | 11.69 | 10.93 | 28.93 | 22.69 | 15.71 | 6.38 | 2.08 | 0.01 | 101.55 |
| MC224 | 34 | 42 | 1201868 | 0.77 | 3.93 | 5.48 | 23.63 | 30.61 | 23.73 | 8.85 | 3.28 | 0.03 | 100.31 |
| MC225 | 0 | 3 | 1201869 | 2.72 | 13.08 | 13.47 | 37.03 | 22.89 | 9.93 | 3.12 | 1.42 | 0.02 | 103.68 |
| MC225 | 3 | 6 | 1201870 | 1.94 | 9.26 | 9.52 | 27.33 | 23.39 | 17.67 | 8.76 | 5.39 | 0.1 | 103.36 |
| MC225 | 6 | 9 | 1201871 | 2.75 | 12.09 | 12.04 | 33.25 | 23.76 | 12.93 | 4.23 | 1.52 | 0.03 | 102.6 |
| MC225 | 9 | 22 | 1201872 | 2.01 | 10.64 | 11.42 | 33.37 | 23.16 | 12.71 | 4.89 | 1.81 | 0.01 | 100.02 |
| MC225 | 22 | 30 | 1201873 | 1.46 | 10.41 | 11.61 | 32.29 | 26.43 | 12.55 | 3.74 | 1.19 | 0.01 | 99.69 |
| MC225 | 30 | 42 | 1201874 | 1.81 | 12.58 | 12.38 | 34.72 | 21.22 | 11.52 | 4.35 | 1.35 | 0.01 | 99.94 |
| MC226 | 0 | 3 | 1201875 | 2.74 | 12.57 | 12.03 | 30.98 | 22.21 | 13.11 | 6.16 | 3.3 | 0.05 | 103.15 |
| MC226 | 3 | 6 | 1201876 | 2.02 | 9.92 | 10.19 | 27.76 | 23.02 | 16.6 | 8.49 | 5.03 | 0.1 | 103.13 |
| MC226 | 6 | 12 | 1201877 | 1.21 | 7.53 | 8.59 | 32.38 | 30.21 | 17.92 | 5.51 | 1.65 | 0.02 | 105.02 |

| | | | | | | | | | | | | | |
|-------|----|----|---------|------|-------|-------|-------|-------|-------|-------|------|------|--------|
| MC226 | 12 | 24 | 1201878 | 1.81 | 14.53 | 12.78 | 30.96 | 22.67 | 11.75 | 4.28 | 1.45 | 0.01 | 100.24 |
| MC226 | 24 | 35 | 1201879 | 1.03 | 7.63 | 8.81 | 30.17 | 26.85 | 17.67 | 6.67 | 1.63 | 0.01 | 100.47 |
| MC226 | 35 | 42 | 1201880 | 0.79 | 8.77 | 9.41 | 28.85 | 28.69 | 17.31 | 5.82 | 1.23 | 0.01 | 100.88 |
| MC227 | 0 | 3 | 1201881 | 1.26 | 7.27 | 8.66 | 33.52 | 29.25 | 14.09 | 4.16 | 1.79 | 0.02 | 100.02 |
| MC227 | 3 | 13 | 1201882 | 3.57 | 13.71 | 12.83 | 34.59 | 22.69 | 10.89 | 3.18 | 1.37 | 0.03 | 102.86 |
| MC227 | 13 | 20 | 1201883 | 1.49 | 7.05 | 7.97 | 26.02 | 24.86 | 20.88 | 10.23 | 4.05 | 0.03 | 102.58 |
| MC227 | 20 | 24 | 1201884 | 1.49 | 9.36 | 10.03 | 31.16 | 23.99 | 14.83 | 6.99 | 2.26 | 0.02 | 100.13 |
| MC227 | 24 | 32 | 1201885 | 1.11 | 10.4 | 10.15 | 30.18 | 23.67 | 14.13 | 6.91 | 3.03 | 0.01 | 99.59 |
| MC227 | 32 | 42 | 1201886 | 1.47 | 7.42 | 8.67 | 27.41 | 24.16 | 17.49 | 9.9 | 3.94 | 0.01 | 100.47 |
| MC228 | 0 | 6 | 1201887 | 2.01 | 8.99 | 9.86 | 28.85 | 24.5 | 17.05 | 7.54 | 4.07 | 0.06 | 102.93 |
| MC228 | 6 | 14 | 1201888 | 2.62 | 11.25 | 10.89 | 30.29 | 24.78 | 15.91 | 5.14 | 1.95 | 0.08 | 102.91 |
| MC228 | 14 | 20 | 1201889 | 3.96 | 15.21 | 14.89 | 38.33 | 20.27 | 8.46 | 2.99 | 1.42 | 0.03 | 105.56 |
| MC228 | 20 | 27 | 1201890 | 0.61 | 3.68 | 5.31 | 22.49 | 29.14 | 24.61 | 10.71 | 3.79 | 0.09 | 100.43 |
| MC228 | 27 | 34 | 1201891 | 1.38 | 7.03 | 8 | 27.1 | 27.15 | 21.6 | 8.3 | 3.02 | 0.05 | 103.63 |
| MC228 | 34 | 42 | 1201892 | 2.73 | 11.66 | 11.78 | 34.42 | 25.12 | 11.66 | 2.81 | 0.89 | 0.02 | 101.09 |
| MC229 | 0 | 6 | 1201893 | 2.3 | 10.73 | 10.73 | 31.91 | 23.01 | 13.65 | 4.84 | 2.05 | 0.04 | 99.26 |
| MC229 | 6 | 16 | 1201894 | 2.21 | 10.73 | 10.99 | 31.31 | 24 | 13.63 | 5.09 | 2.06 | 0.03 | 100.05 |
| MC229 | 16 | 26 | 1201895 | 2.27 | 13.47 | 12.76 | 34.95 | 22.96 | 11.48 | 3.97 | 1.5 | 0.03 | 103.39 |
| MC229 | 26 | 35 | 1201896 | 1.86 | 8.77 | 9.97 | 29.96 | 25.25 | 15.53 | 5.75 | 2.97 | 0.04 | 100.1 |
| MC229 | 35 | 40 | 1201897 | 1.76 | 9.07 | 9.57 | 28.78 | 25.58 | 16.7 | 6.18 | 2.76 | 0.02 | 100.42 |
| MC230 | 0 | 3 | 1201898 | 0.75 | 5.01 | 7.69 | 33.39 | 27.65 | 14.55 | 4.85 | 2.3 | 0.08 | 96.27 |
| MC230 | 3 | 6 | 1201899 | 0.67 | 4.18 | 5.37 | 21.74 | 24.42 | 21.81 | 14.09 | 7.11 | 0.18 | 99.57 |
| MC230 | 6 | 15 | 1201900 | 1.21 | 6.08 | 6.57 | 21.51 | 23.22 | 21.75 | 11.24 | 6.65 | 0.09 | 98.32 |
| MC230 | 15 | 23 | 1201901 | 1.14 | 5.88 | 6.89 | 22.52 | 25.86 | 23.51 | 10.93 | 4.79 | 0.08 | 101.6 |
| MC230 | 23 | 27 | 1201902 | 2.19 | 11.86 | 11.45 | 32.28 | 23.23 | 13.23 | 5.09 | 2.23 | 0.03 | 101.59 |
| MC230 | 27 | 30 | 1201903 | 2.32 | 10.03 | 10.19 | 30.41 | 24.71 | 14.78 | 5.81 | 2.65 | 0.07 | 100.97 |
| MC231 | 0 | 6 | 1201904 | 1.05 | 5.35 | 6.52 | 24.52 | 26.01 | 21.62 | 11.87 | 6.02 | 0.19 | 103.15 |
| MC231 | 6 | 11 | 1201905 | 1.75 | 11.65 | 12.51 | 36.06 | 23.55 | 12.87 | 4.44 | 1.68 | 0.03 | 104.54 |
| MC231 | 11 | 15 | 1201906 | 2.4 | 13.34 | 13.66 | 33.02 | 20.89 | 13.89 | 4.41 | 1.51 | 0.03 | 103.15 |
| MC231 | 15 | 24 | 1201907 | 2.34 | 13.48 | 13.76 | 35.55 | 20.55 | 9.49 | 3.28 | 1.4 | 0.03 | 99.88 |
| MC231 | 24 | 34 | 1201908 | 1.96 | 11.38 | 11.46 | 31.87 | 22.62 | 13.34 | 5.55 | 2.68 | 0.02 | 100.88 |
| MC231 | 41 | 42 | 1201909 | 2.33 | 13.41 | 11.91 | 30.36 | 21.32 | 13.15 | 5.36 | 2.51 | 0.02 | 100.37 |

| HOLE | FROM | TO | SAMPLE | SiO2 | Fe2O3 | TiO2 | Al2O3 | CaO | MgO | Na2O | K2O | Cr2O3 |
|-------|------|----|---------|-------|-------|-------|-------|-------|-------|-------|------|---------|
| MC200 | 0 | 4 | 1201701 | 99.62 | 0.103 | 0.022 | 0.226 | <0.01 | 0.01 | <0.01 | 0.02 | <0.0001 |
| MC200 | 4 | 8 | 1201702 | 99.86 | 0.019 | 0.017 | 0.084 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC200 | 8 | 11 | 1201703 | 99.82 | 0.034 | 0.019 | 0.104 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0001 |
| MC200 | 11 | 15 | 1201704 | 99.83 | 0.042 | 0.018 | 0.09 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC200 | 15 | 18 | 1201705 | 99.86 | 0.021 | 0.016 | 0.079 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC200 | 18 | 25 | 1201706 | 99.84 | 0.027 | 0.02 | 0.088 | <0.01 | 0.02 | <0.01 | 0.01 | <0.0001 |
| MC200 | 25 | 34 | 1201707 | 99.86 | 0.023 | 0.017 | 0.081 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC200 | 34 | 42 | 1201708 | 99.86 | 0.026 | 0.017 | 0.082 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC201 | 0 | 6 | 1201709 | 99.79 | 0.049 | 0.022 | 0.133 | <0.01 | <0.01 | <0.01 | 0.01 | <0.0001 |
| MC201 | 6 | 13 | 1201710 | 99.84 | 0.026 | 0.016 | 0.084 | <0.01 | 0.02 | <0.01 | 0.01 | 0.0002 |
| MC201 | 13 | 17 | 1201711 | 99.85 | 0.024 | 0.016 | 0.092 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC201 | 17 | 25 | 1201712 | 99.84 | 0.026 | 0.019 | 0.094 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC201 | 25 | 30 | 1201713 | 99.83 | 0.024 | 0.018 | 0.101 | 0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC201 | 30 | 34 | 1201714 | 99.86 | 0.025 | 0.016 | 0.079 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC201 | 34 | 42 | 1201715 | 99.85 | 0.024 | 0.018 | 0.085 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC202 | 0 | 6 | 1201716 | 99.65 | 0.097 | 0.022 | 0.207 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC202 | 6 | 12 | 1201717 | 99.83 | 0.023 | 0.017 | 0.112 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC202 | 12 | 20 | 1201718 | 99.85 | 0.021 | 0.018 | 0.093 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC202 | 20 | 24 | 1201719 | 99.81 | 0.031 | 0.021 | 0.115 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC202 | 24 | 27 | 1201720 | 99.83 | 0.03 | 0.02 | 0.099 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC202 | 27 | 39 | 1201721 | 99.81 | 0.046 | 0.019 | 0.11 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC203 | 0 | 5 | 1201722 | 99.76 | 0.06 | 0.02 | 0.143 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC203 | 5 | 9 | 1201723 | 99.79 | 0.036 | 0.019 | 0.133 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC203 | 9 | 14 | 1201724 | 99.85 | 0.017 | 0.018 | 0.1 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC203 | 14 | 24 | 1201725 | 99.8 | 0.03 | 0.019 | 0.125 | <0.01 | 0.02 | <0.01 | 0.01 | <0.0001 |
| MC203 | 24 | 33 | 1201726 | 99.85 | 0.017 | 0.018 | 0.099 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC204 | 0 | 4 | 1201727 | 99.62 | 0.13 | 0.026 | 0.206 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC204 | 4 | 6 | 1201728 | 99.36 | 0.26 | 0.029 | 0.334 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0004 |
| MC204 | 6 | 14 | 1201729 | 99.81 | 0.047 | 0.017 | 0.104 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC204 | 14 | 19 | 1201730 | 99.84 | 0.021 | 0.019 | 0.097 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC204 | 19 | 24 | 1201731 | 99.87 | 0.012 | 0.021 | 0.089 | <0.01 | <0.01 | <0.01 | 0.01 | <0.0001 |
| MC204 | 24 | 32 | 1201732 | 99.86 | 0.012 | 0.018 | 0.077 | 0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC204 | 32 | 39 | 1201733 | 99.87 | 0.01 | 0.016 | 0.077 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC205 | 0 | 3 | 1201734 | 99.13 | 0.302 | 0.027 | 0.52 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0002 |
| MC205 | 3 | 6 | 1201735 | 99.76 | 0.066 | 0.016 | 0.14 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC205 | 6 | 9 | 1201736 | 99.81 | 0.041 | 0.018 | 0.112 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0002 |
| MC205 | 9 | 15 | 1201737 | 99.82 | 0.041 | 0.018 | 0.1 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC205 | 15 | 25 | 1201738 | 99.8 | 0.068 | 0.018 | 0.096 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC205 | 25 | 34 | 1201739 | 99.82 | 0.046 | 0.017 | 0.091 | <0.01 | 0.02 | <0.01 | 0.01 | <0.0001 |
| MC205 | 34 | 37 | 1201740 | 99.85 | 0.025 | 0.019 | 0.087 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC206 | 0 | 5 | 1201741 | 99 | 0.441 | 0.034 | 0.502 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0005 |
| MC206 | 5 | 10 | 1201742 | 99.22 | 0.566 | 0.019 | 0.172 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0004 |

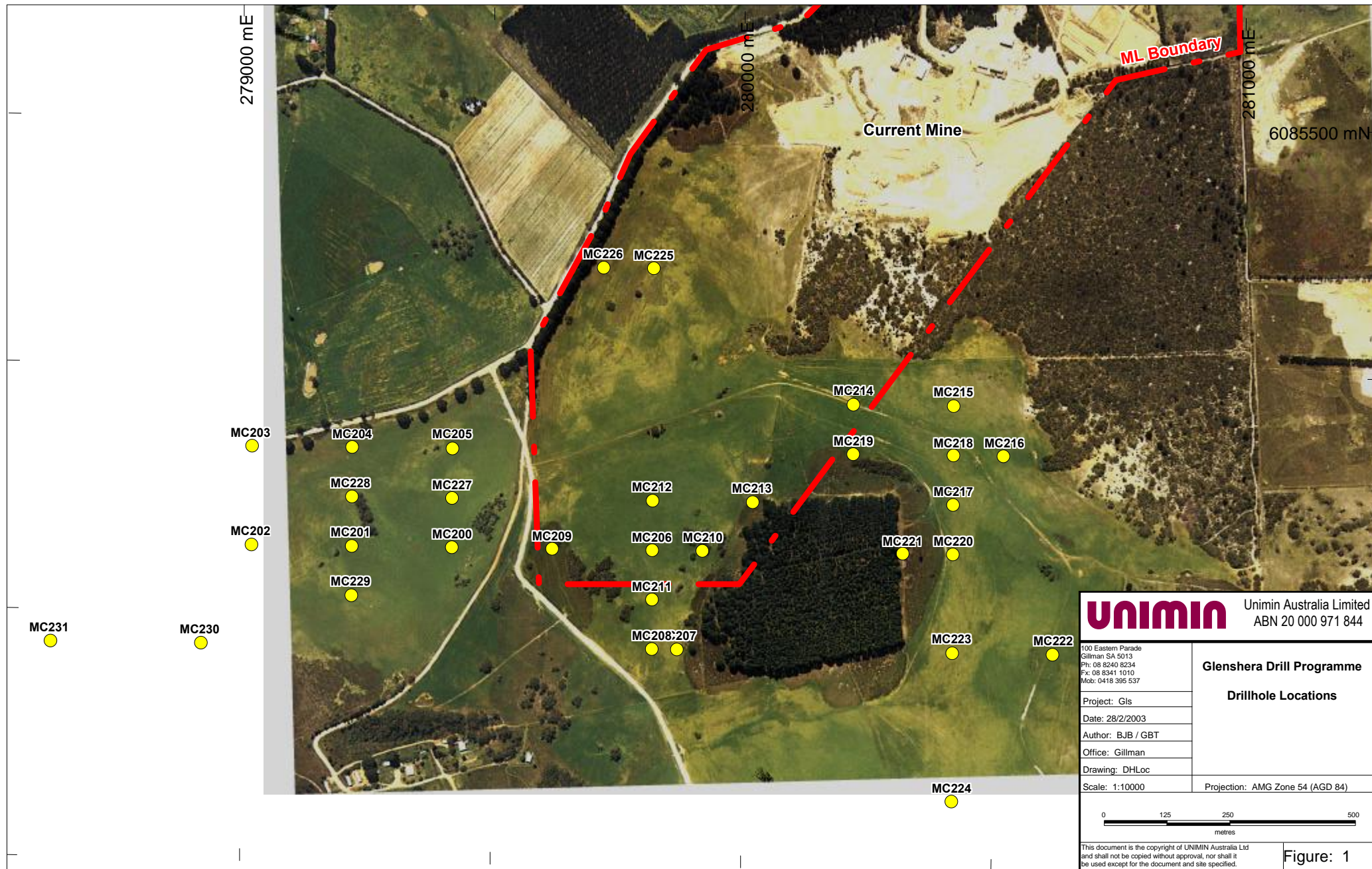
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|-------|----|----|---------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| NS | | | 1201743 | | | | | | | | | |
| MC206 | 10 | 14 | 1201744 | 99.74 | 0.116 | 0.017 | 0.108 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC206 | 14 | 17 | 1201745 | 99.81 | 0.048 | 0.018 | 0.107 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC206 | 17 | 26 | 1201746 | 99.82 | 0.044 | 0.019 | 0.095 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC206 | 26 | 36 | 1201747 | 99.86 | 0.029 | 0.016 | 0.071 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC206 | 36 | 40 | 1201748 | 99.83 | 0.034 | 0.017 | 0.112 | <0.01 | <0.01 | <0.01 | 0.01 | <0.0001 |
| MC207 | 0 | 6 | 1201749 | 99.68 | 0.105 | 0.021 | 0.155 | <0.01 | 0.02 | <0.01 | 0.02 | <0.0001 |
| MC207 | 6 | 13 | 1201750 | 99.83 | 0.036 | 0.019 | 0.099 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC207 | 13 | 21 | 1201751 | 99.83 | 0.038 | 0.016 | 0.082 | <0.01 | 0.02 | <0.01 | 0.01 | <0.0001 |
| MC207 | 21 | 25 | 1201752 | 99.82 | 0.055 | 0.02 | 0.084 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC207 | 25 | 32 | 1201753 | 99.82 | 0.074 | 0.015 | 0.076 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC207 | 32 | 42 | 1201754 | 99.87 | 0.029 | 0.014 | 0.067 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC208 | 0 | 5 | 1201755 | 99.59 | 0.158 | 0.027 | 0.205 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC208 | 5 | 7 | 1201756 | 99.72 | 0.088 | 0.021 | 0.15 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC208 | 7 | 11 | 1201757 | 99.83 | 0.032 | 0.019 | 0.098 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC208 | 11 | 16 | 1201758 | 99.81 | 0.061 | 0.019 | 0.088 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC208 | 16 | 21 | 1201759 | 99.87 | 0.033 | 0.016 | 0.069 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0001 |
| MC208 | 21 | 28 | 1201760 | 99.86 | 0.054 | 0.015 | 0.059 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC208 | 28 | 36 | 1201761 | 99.87 | 0.022 | 0.014 | 0.072 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC208 | 36 | 42 | 1201762 | 99.89 | 0.021 | 0.015 | 0.062 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0002 |
| MC209 | 0 | 4 | 1201763 | 99.6 | 0.126 | 0.024 | 0.222 | <0.01 | 0.02 | <0.01 | 0.01 | <0.0001 |
| MC209 | 4 | 8 | 1201764 | 99.59 | 0.144 | 0.021 | 0.214 | <0.01 | 0.02 | <0.01 | 0.01 | 0.0002 |
| MC209 | 8 | 12 | 1201765 | 99.85 | 0.039 | 0.015 | 0.073 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC209 | 12 | 16 | 1201766 | 99.85 | 0.046 | 0.015 | 0.074 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC209 | 16 | 21 | 1201767 | 99.88 | 0.029 | 0.016 | 0.059 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0001 |
| MC209 | 21 | 26 | 1201768 | 99.86 | 0.043 | 0.014 | 0.069 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC209 | 26 | 28 | 1201769 | 99.64 | 0.044 | 0.028 | 0.252 | <0.01 | 0.01 | <0.01 | 0.02 | <0.0001 |
| MC209 | 28 | 38 | 1201770 | 99.88 | 0.018 | 0.016 | 0.069 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC209 | 38 | 42 | 1201771 | 99.86 | 0.025 | 0.016 | 0.086 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC210 | 0 | 2 | 1201772 | 99.35 | 0.298 | 0.033 | 0.306 | <0.01 | 0.01 | <0.01 | <0.01 | 0.0004 |
| MC210 | 2 | 7 | 1201773 | 99.71 | 0.079 | 0.023 | 0.167 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC210 | 7 | 9 | 1201774 | 99.83 | 0.061 | 0.016 | 0.075 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC210 | 9 | 15 | 1201775 | 99.87 | 0.023 | 0.018 | 0.069 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC210 | 15 | 25 | 1201776 | 99.87 | 0.024 | 0.017 | 0.073 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC210 | 25 | 30 | 1201777 | 99.89 | 0.019 | 0.015 | 0.058 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC210 | 30 | 39 | 1201778 | 99.88 | 0.021 | 0.014 | 0.062 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC210 | 39 | 42 | 1201779 | 99.86 | 0.027 | 0.016 | 0.073 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0007 |
| MC211 | 0 | 3 | 1201780 | 99.18 | 0.242 | 0.036 | 0.525 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0005 |
| MC211 | 3 | 5 | 1201781 | 99.52 | 0.166 | 0.021 | 0.267 | <0.01 | 0.01 | <0.01 | 0.02 | 0.0002 |
| MC211 | 5 | 8 | 1201782 | 99.29 | 0.38 | 0.017 | 0.261 | <0.01 | 0.02 | <0.01 | 0.03 | 0.0002 |
| MC211 | 8 | 11 | 1201783 | 99.8 | 0.082 | 0.016 | 0.084 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC211 | 11 | 14 | 1201784 | 99.85 | 0.03 | 0.017 | 0.083 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC211 | 14 | 21 | 1201785 | 99.84 | 0.045 | 0.017 | 0.074 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC211 | 21 | 29 | 1201786 | 99.82 | 0.072 | 0.017 | 0.075 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |

| | | | | | | | | | | | | |
|-------|-----|-----|---------|-------|-------|-------|-------|-------|-------|-------|------|---------|
| MC211 | 29 | 34 | 1201787 | 99.86 | 0.041 | 0.015 | 0.066 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC211 | 34 | 40 | 1201788 | 99.59 | 0.052 | 0.025 | 0.275 | <0.01 | 0.02 | <0.01 | 0.04 | <0.0001 |
| MC212 | 0 | 5 | 1201789 | 98.4 | 0.514 | 0.048 | 1 | <0.01 | 0.02 | <0.01 | 0.02 | 0.0006 |
| MC212 | 5 | 9 | 1201790 | 99.4 | 0.31 | 0.023 | 0.232 | <0.01 | 0.01 | <0.01 | 0.02 | 0.0005 |
| MC212 | 9 | 13 | 1201791 | 99.77 | 0.122 | 0.016 | 0.083 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC212 | 13 | 21 | 1201792 | 99.87 | 0.027 | 0.015 | 0.073 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC212 | 21 | 27 | 1201793 | 99.84 | 0.031 | 0.018 | 0.091 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC212 | 27 | 33 | 1201794 | 99.85 | 0.039 | 0.017 | 0.078 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC212 | 33 | 40 | 1201795 | 99.88 | 0.02 | 0.015 | 0.067 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC213 | 0 | 4 | 1201796 | 99.46 | 0.161 | 0.029 | 0.322 | <0.01 | 0.02 | <0.01 | 0.01 | <0.0001 |
| MC213 | 4 | 8 | 1201797 | 99.59 | 0.151 | 0.022 | 0.173 | 0.01 | 0.04 | <0.01 | 0.01 | 0.0001 |
| MC213 | 8 | 15 | 1201798 | 99.83 | 0.039 | 0.017 | 0.096 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC213 | 15 | 21 | 1201799 | 99.86 | 0.016 | 0.017 | 0.087 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC213 | 21 | 33 | 1201800 | 99.88 | 0.02 | 0.016 | 0.065 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC213 | 33 | 37 | 1201801 | 99.86 | 0.027 | 0.016 | 0.077 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC213 | 37 | 42 | 1201802 | 99.87 | 0.03 | 0.015 | 0.068 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC214 | 0 | 2 | 1201803 | 98.98 | 0.446 | 0.043 | 0.504 | <0.01 | 0.01 | <0.01 | 0.01 | 0.001 |
| MC214 | 2 | 7 | 1201804 | 99.76 | 0.051 | 0.02 | 0.15 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC215 | 0 | 4 | 1201805 | 98.78 | 0.431 | 0.052 | 0.705 | <0.01 | 0.02 | <0.01 | 0.01 | 0.0007 |
| MC215 | 4 | 8 | 1201806 | 99.4 | 0.314 | 0.026 | 0.226 | <0.01 | 0.01 | <0.01 | 0.02 | <0.0001 |
| MC215 | 8 | 11 | 1201807 | 99.86 | 0.037 | 0.016 | 0.072 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC215 | 11 | 20 | 1201808 | 99.85 | 0.036 | 0.016 | 0.08 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC215 | 20 | 25 | 1201809 | 99.84 | 0.044 | 0.016 | 0.076 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC215 | 25 | 36 | 1201810 | 99.87 | 0.014 | 0.018 | 0.079 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC215 | 36 | 42 | 1201811 | 99.86 | 0.019 | 0.017 | 0.079 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0002 |
| MC216 | 0 | 4.5 | 1201812 | 96.81 | 0.949 | 0.085 | 2.1 | 0.01 | 0.02 | <0.01 | 0.02 | 0.0017 |
| MC216 | 4.5 | 8 | 1201813 | 99.3 | 0.485 | 0.021 | 0.149 | <0.01 | 0.02 | <0.01 | 0.02 | 0.0007 |
| MC216 | 8 | 15 | 1201814 | 99.74 | 0.134 | 0.017 | 0.086 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0002 |
| MC216 | 15 | 21 | 1201815 | 99.8 | 0.084 | 0.017 | 0.081 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC216 | 21 | 28 | 1201816 | 99.84 | 0.035 | 0.018 | 0.087 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC216 | 28 | 33 | 1201817 | 99.83 | 0.029 | 0.021 | 0.099 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC216 | 33 | 42 | 1201818 | 99.84 | 0.025 | 0.019 | 0.098 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC217 | 0 | 4 | 1201819 | 98.67 | 0.54 | 0.036 | 0.703 | 0.01 | 0.02 | <0.01 | 0.02 | 0.0008 |
| MC217 | 4 | 11 | 1201820 | 99.78 | 0.063 | 0.016 | 0.129 | <0.01 | <0.01 | <0.01 | 0.01 | 0.0001 |
| MC217 | 11 | 16 | 1201821 | 99.87 | 0.028 | 0.014 | 0.065 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC217 | 16 | 25 | 1201822 | 99.86 | 0.029 | 0.016 | 0.077 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC217 | 25 | 30 | 1201823 | 99.8 | 0.022 | 0.019 | 0.127 | <0.01 | 0.01 | <0.01 | 0.02 | 0.0002 |
| MC217 | 30 | 42 | 1201824 | 99.85 | 0.025 | 0.019 | 0.082 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC218 | 0 | 7 | 1201825 | 98.88 | 0.466 | 0.042 | 0.595 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0006 |
| MC218 | 7 | 11 | 1201826 | 99.32 | 0.519 | 0.018 | 0.127 | <0.01 | 0.01 | <0.01 | 0.01 | 0.001 |
| MC218 | 11 | 20 | 1201827 | 99.84 | 0.057 | 0.014 | 0.066 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC218 | 20 | 25 | 1201828 | 99.85 | 0.03 | 0.016 | 0.08 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC218 | 25 | 32 | 1201829 | 99.87 | 0.017 | 0.016 | 0.073 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC218 | 32 | 42 | 1201830 | 99.86 | 0.016 | 0.019 | 0.093 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |

| | | | | | | | | | | | | |
|-------|----|----|---------|-------|-------|-------|-------|-------|------|-------|-------|---------|
| MC219 | 0 | 3 | 1201831 | 99.73 | 0.047 | 0.02 | 0.16 | 0.01 | 0.02 | <0.01 | 0.02 | <0.0001 |
| MC219 | 3 | 8 | 1201832 | 99.85 | 0.034 | 0.017 | 0.084 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC219 | 8 | 17 | 1201833 | 99.88 | 0.016 | 0.016 | 0.074 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC219 | 17 | 26 | 1201834 | 99.86 | 0.024 | 0.017 | 0.084 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC219 | 26 | 32 | 1201835 | 99.87 | 0.019 | 0.016 | 0.075 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC219 | 32 | 42 | 1201836 | 99.86 | 0.028 | 0.018 | 0.077 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC220 | 0 | 3 | 1201837 | 99.2 | 0.221 | 0.042 | 0.479 | <0.01 | 0.02 | 0.02 | 0.02 | 0.0001 |
| MC220 | 3 | 10 | 1201838 | 99.2 | 0.273 | 0.036 | 0.456 | <0.01 | 0.02 | <0.01 | 0.01 | 0.0002 |
| MC220 | 10 | 14 | 1201839 | 99.69 | 0.109 | 0.02 | 0.16 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC220 | 14 | 28 | 1201840 | 99.81 | 0.035 | 0.018 | 0.117 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC220 | 28 | 35 | 1201841 | 99.84 | 0.025 | 0.02 | 0.092 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC220 | 35 | 42 | 1201842 | 99.85 | 0.022 | 0.02 | 0.092 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC221 | 0 | 3 | 1201843 | 99.71 | 0.093 | 0.018 | 0.158 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC221 | 3 | 10 | 1201844 | 99.92 | 0.015 | 0.008 | 0.048 | <0.01 | 0.01 | <0.01 | <0.01 | <0.0001 |
| MC221 | 10 | 13 | 1201845 | 99.86 | 0.015 | 0.017 | 0.086 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC221 | 13 | 18 | 1201846 | 99.84 | 0.02 | 0.018 | 0.103 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC221 | 18 | 27 | 1201847 | 99.76 | 0.04 | 0.019 | 0.102 | <0.01 | 0.01 | 0.06 | 0.01 | <0.0001 |
| MC221 | 27 | 37 | 1201848 | 99.84 | 0.031 | 0.019 | 0.092 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC221 | 37 | 42 | 1201849 | 99.84 | 0.043 | 0.017 | 0.077 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC222 | 0 | 4 | 1201850 | 99.21 | 0.387 | 0.029 | 0.336 | 0.01 | 0.01 | <0.01 | 0.02 | 0.0004 |
| MC222 | 4 | 10 | 1201851 | 99.81 | 0.051 | 0.015 | 0.108 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0001 |
| MC222 | 10 | 18 | 1201852 | 99.86 | 0.035 | 0.015 | 0.074 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC222 | 18 | 26 | 1201853 | 99.86 | 0.024 | 0.017 | 0.075 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC222 | 26 | 30 | 1201854 | 99.88 | 0.017 | 0.015 | 0.069 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC222 | 30 | 42 | 1201855 | 99.87 | 0.02 | 0.016 | 0.073 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC223 | 0 | 3 | 1201856 | 99.64 | 0.102 | 0.026 | 0.209 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC223 | 3 | 10 | 1201857 | 99.61 | 0.129 | 0.022 | 0.224 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC223 | 10 | 15 | 1201858 | 99.82 | 0.037 | 0.016 | 0.111 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC223 | 15 | 24 | 1201859 | 99.84 | 0.024 | 0.017 | 0.101 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC223 | 24 | 30 | 1201860 | 99.81 | 0.047 | 0.018 | 0.102 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC223 | 30 | 38 | 1201861 | 99.84 | 0.038 | 0.018 | 0.09 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC223 | 38 | 42 | 1201862 | 99.87 | 0.039 | 0.015 | 0.068 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC224 | 0 | 3 | 1201863 | 99.61 | 0.106 | 0.022 | 0.239 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC224 | 3 | 13 | 1201864 | 99.81 | 0.037 | 0.018 | 0.112 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC224 | 13 | 22 | 1201865 | 99.81 | 0.024 | 0.018 | 0.113 | <0.01 | 0.02 | <0.01 | 0.02 | <0.0001 |
| MC224 | 22 | 29 | 1201866 | 99.81 | 0.03 | 0.017 | 0.111 | <0.01 | 0.01 | <0.01 | 0.02 | <0.0001 |
| MC224 | 29 | 34 | 1201867 | 99.79 | 0.041 | 0.019 | 0.13 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC224 | 34 | 42 | 1201868 | 99.83 | 0.028 | 0.019 | 0.106 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC225 | 0 | 3 | 1201869 | 99.83 | 0.024 | 0.022 | 0.1 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC225 | 3 | 6 | 1201870 | 99.76 | 0.068 | 0.023 | 0.132 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC225 | 6 | 9 | 1201871 | 99.8 | 0.034 | 0.02 | 0.128 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0001 |
| MC225 | 9 | 22 | 1201872 | 99.84 | 0.028 | 0.018 | 0.095 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC225 | 22 | 30 | 1201873 | 99.87 | 0.015 | 0.015 | 0.064 | <0.01 | 0.02 | 0.01 | 0.01 | <0.0001 |
| MC225 | 30 | 42 | 1201874 | 99.89 | 0.01 | 0.015 | 0.066 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |

| | | | | | | | | | | | | |
|-------|----|----|---------|-------|-------|-------|-------|-------|------|-------|------|---------|
| MC226 | 0 | 3 | 1201875 | 99.7 | 0.082 | 0.028 | 0.175 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC226 | 3 | 6 | 1201876 | 99.72 | 0.067 | 0.028 | 0.164 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0002 |
| MC226 | 6 | 12 | 1201877 | 99.81 | 0.03 | 0.018 | 0.126 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC226 | 12 | 24 | 1201878 | 99.87 | 0.017 | 0.016 | 0.075 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC226 | 24 | 35 | 1201879 | 99.88 | 0.01 | 0.017 | 0.075 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC226 | 35 | 42 | 1201880 | 99.87 | 0.016 | 0.018 | 0.076 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC227 | 0 | 3 | 1201881 | 99.65 | 0.11 | 0.018 | 0.202 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0001 |
| MC227 | 3 | 13 | 1201882 | 99.87 | 0.028 | 0.014 | 0.077 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC227 | 13 | 20 | 1201883 | 99.85 | 0.035 | 0.017 | 0.08 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC227 | 20 | 24 | 1201884 | 99.84 | 0.037 | 0.018 | 0.084 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC227 | 24 | 32 | 1201885 | 99.86 | 0.026 | 0.016 | 0.078 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC227 | 32 | 42 | 1201886 | 99.83 | 0.022 | 0.019 | 0.086 | <0.01 | 0.01 | 0.02 | 0.01 | 0.0001 |
| MC228 | 0 | 6 | 1201887 | 99.36 | 0.219 | 0.031 | 0.355 | <0.01 | 0.02 | <0.01 | 0.01 | 0.0003 |
| MC228 | 6 | 14 | 1201888 | 99.8 | 0.03 | 0.017 | 0.133 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC228 | 14 | 20 | 1201889 | 99.83 | 0.024 | 0.017 | 0.107 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC228 | 20 | 27 | 1201890 | 99.84 | 0.017 | 0.02 | 0.1 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC228 | 27 | 34 | 1201891 | 99.85 | 0.02 | 0.02 | 0.089 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC228 | 34 | 42 | 1201892 | 99.85 | 0.026 | 0.018 | 0.086 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC229 | 0 | 6 | 1201893 | 99.73 | 0.079 | 0.018 | 0.156 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC229 | 6 | 16 | 1201894 | 99.83 | 0.037 | 0.018 | 0.099 | <0.01 | 0.01 | <0.01 | 0.01 | 0.0001 |
| MC229 | 16 | 26 | 1201895 | 99.85 | 0.029 | 0.016 | 0.089 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC229 | 26 | 35 | 1201896 | 99.85 | 0.026 | 0.017 | 0.088 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC229 | 35 | 40 | 1201897 | 99.84 | 0.027 | 0.019 | 0.097 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC230 | 0 | 3 | 1201898 | 99.26 | 0.168 | 0.029 | 0.498 | <0.01 | 0.01 | <0.01 | 0.03 | 0.0002 |
| MC230 | 3 | 6 | 1201899 | 99.77 | 0.062 | 0.02 | 0.126 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC230 | 6 | 15 | 1201900 | 99.79 | 0.054 | 0.018 | 0.114 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC230 | 15 | 23 | 1201901 | 99.84 | 0.018 | 0.018 | 0.106 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC230 | 23 | 27 | 1201902 | 99.86 | 0.013 | 0.016 | 0.093 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC230 | 27 | 30 | 1201903 | 99.88 | 0.009 | 0.017 | 0.074 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC231 | 0 | 6 | 1201904 | 98.88 | 0.283 | 0.043 | 0.757 | 0.01 | 0.01 | <0.01 | 0.02 | 0.0003 |
| MC231 | 6 | 11 | 1201905 | 99.83 | 0.022 | 0.016 | 0.108 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC231 | 11 | 15 | 1201906 | 99.84 | 0.021 | 0.017 | 0.098 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC231 | 15 | 24 | 1201907 | 99.85 | 0.025 | 0.017 | 0.096 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC231 | 24 | 34 | 1201908 | 99.84 | 0.022 | 0.019 | 0.102 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |
| MC231 | 41 | 42 | 1201909 | 99.83 | 0.025 | 0.019 | 0.105 | <0.01 | 0.01 | <0.01 | 0.01 | <0.0001 |

Appendix 5
Drillhole Location Plan
1:10 000



| | |
|---|----------------------------------|
| unimin Unimin Australia Limited ABN 20 000 971 844 | |
| 100 Eastern Parade Gillman SA 5013 Ph: 08 8240 8234 Fx: 08 8341 1010 Mob: 0418 395 537 | |
| Glenshera Drill Programme | |
| Drillhole Locations | |
| Project: Gls | |
| Date: 28/2/2003 | |
| Author: BJB / GBT | |
| Office: Gillman | |
| Drawing: DHLoc | |
| Scale: 1:10000 | Projection: AMG Zone 54 (AGD 84) |
| <div>0 125 250 500 metres</div> | |
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| Figure: 1 | |