

MAR 20090019: PEMBINA

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FINAL REPORT

OCT 29 2009
20090019

PART B

AND

PART C

ASSESSMENT REPORT

Metallic and Industrial Mineral Permit Numbers
9307080683 to 9307080819

PEMBINA PROJECT
NTS 83C, 83F, 83G

For
Ivey Canadian Exploration Ltd.

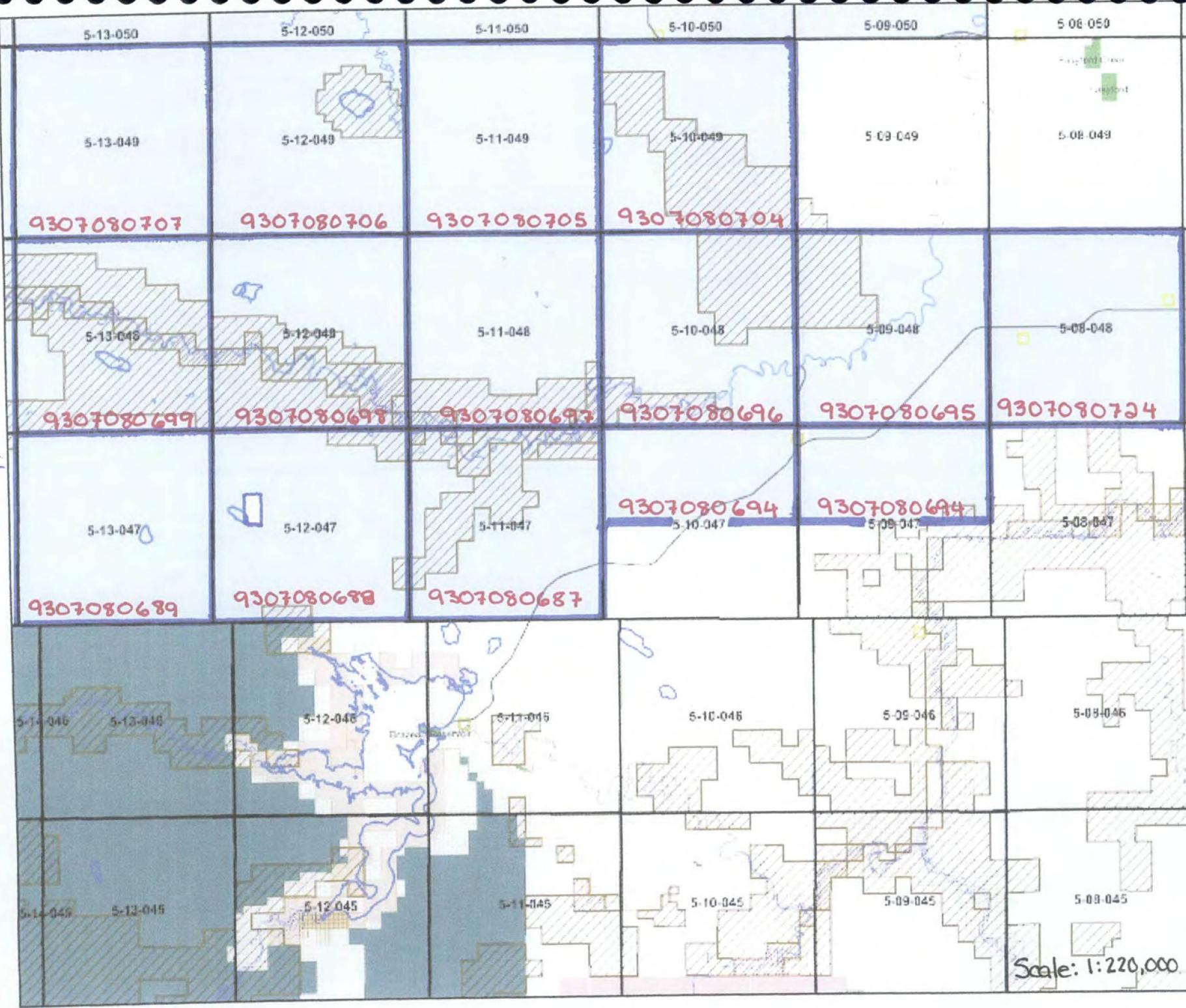
Submitted by
James Hynes, P.Eng

October 27th, 2009

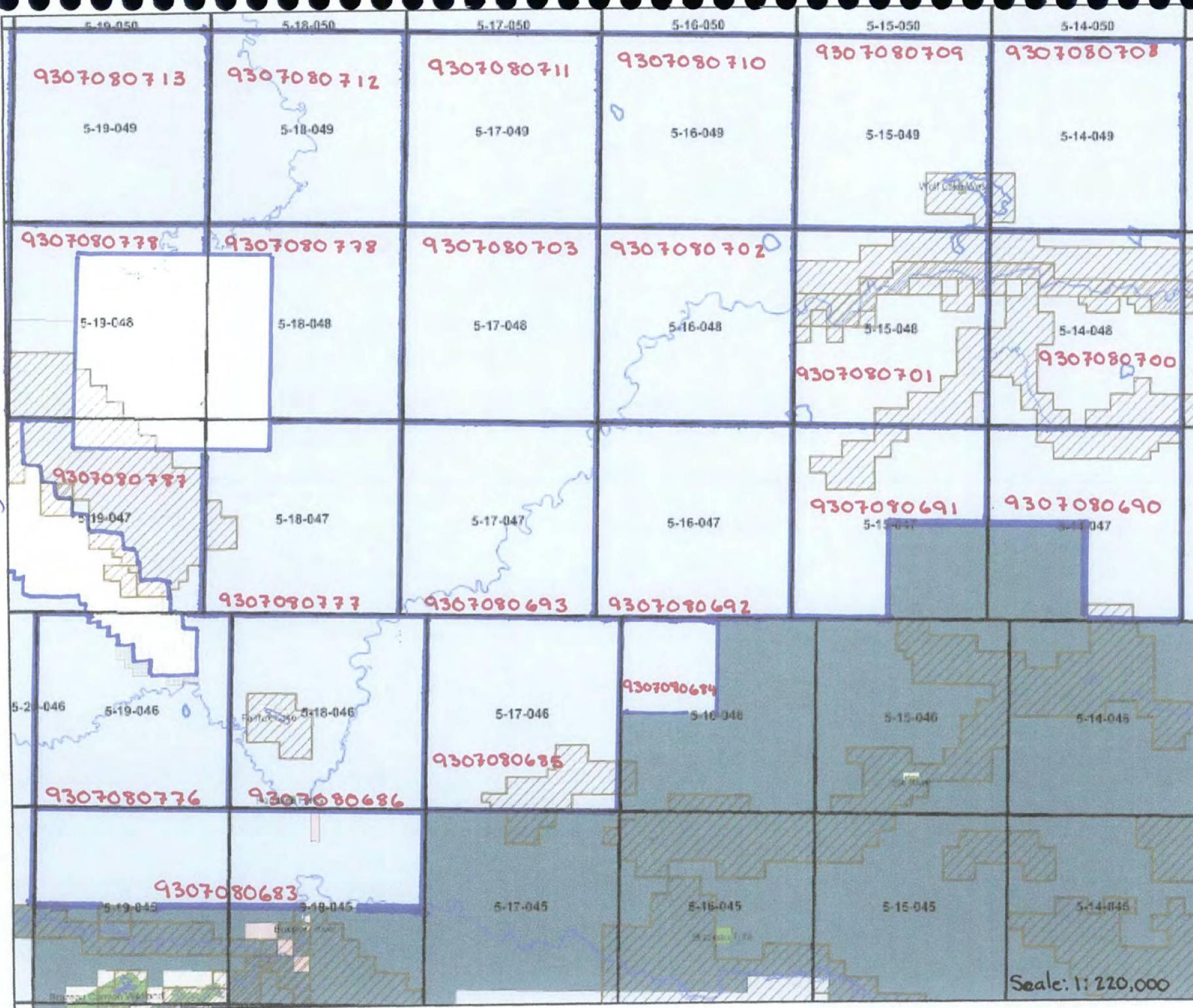
TABLE OF CONTENTS

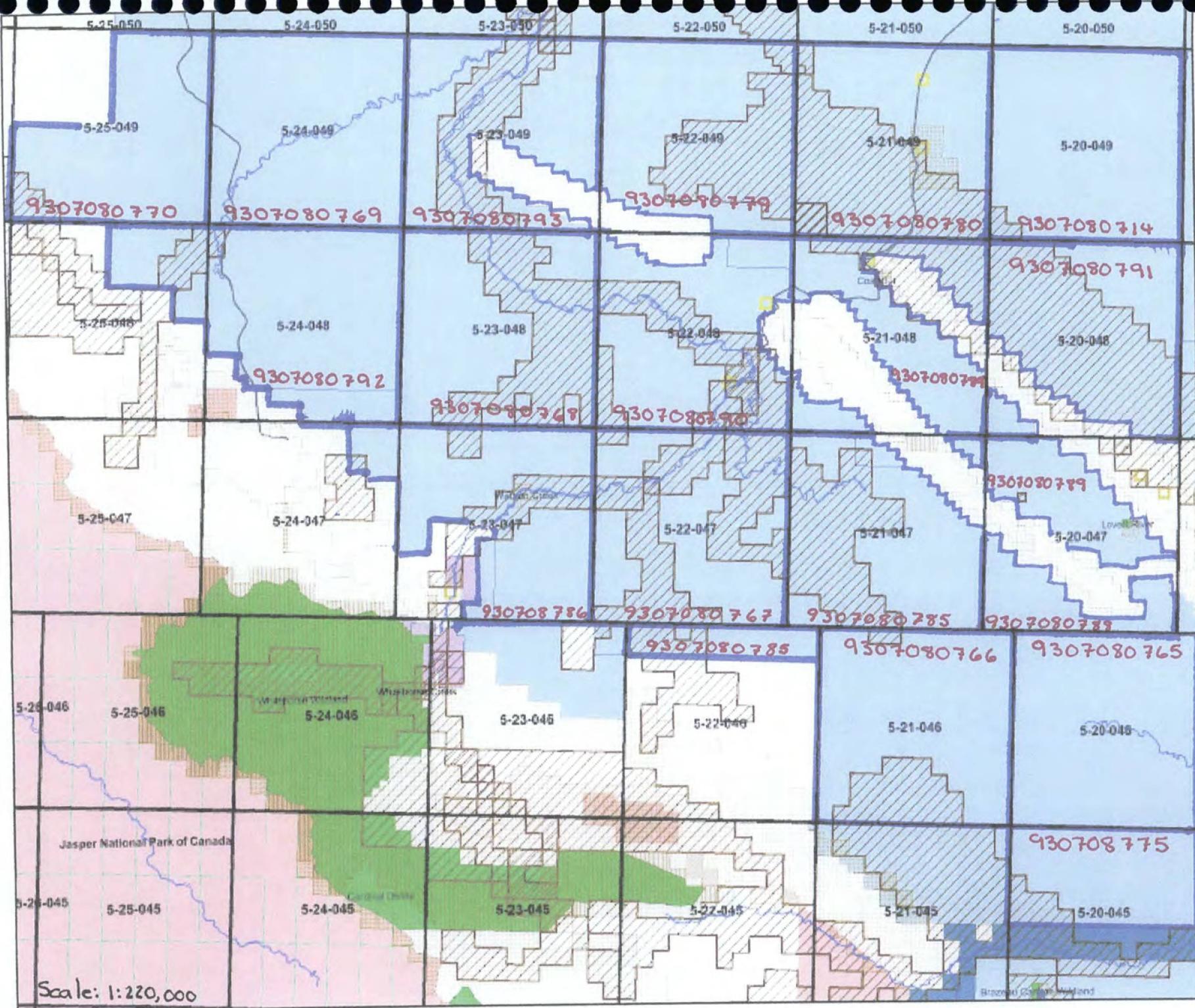
| | |
|--|----|
| MAPS OF CURRENT PERMITS AND BOUNDARIES | 3 |
| SUMMARY | 13 |
| INTRODUCTION..... | 13 |
| DETAILED EXPENDITURE STATEMENT | 14 |
| REGIONAL GEOLOGY | 15 |
| EXPLORATION..... | 15 |
| CONCLUSION..... | 15 |
| AUTHOR QUALIFICATIONS..... | 16 |
| REFERENCES | 17 |
| TABLE 1 | 18 |
| FIGURE 1 | 21 |
| LIST OF APPENDICES | 23 |

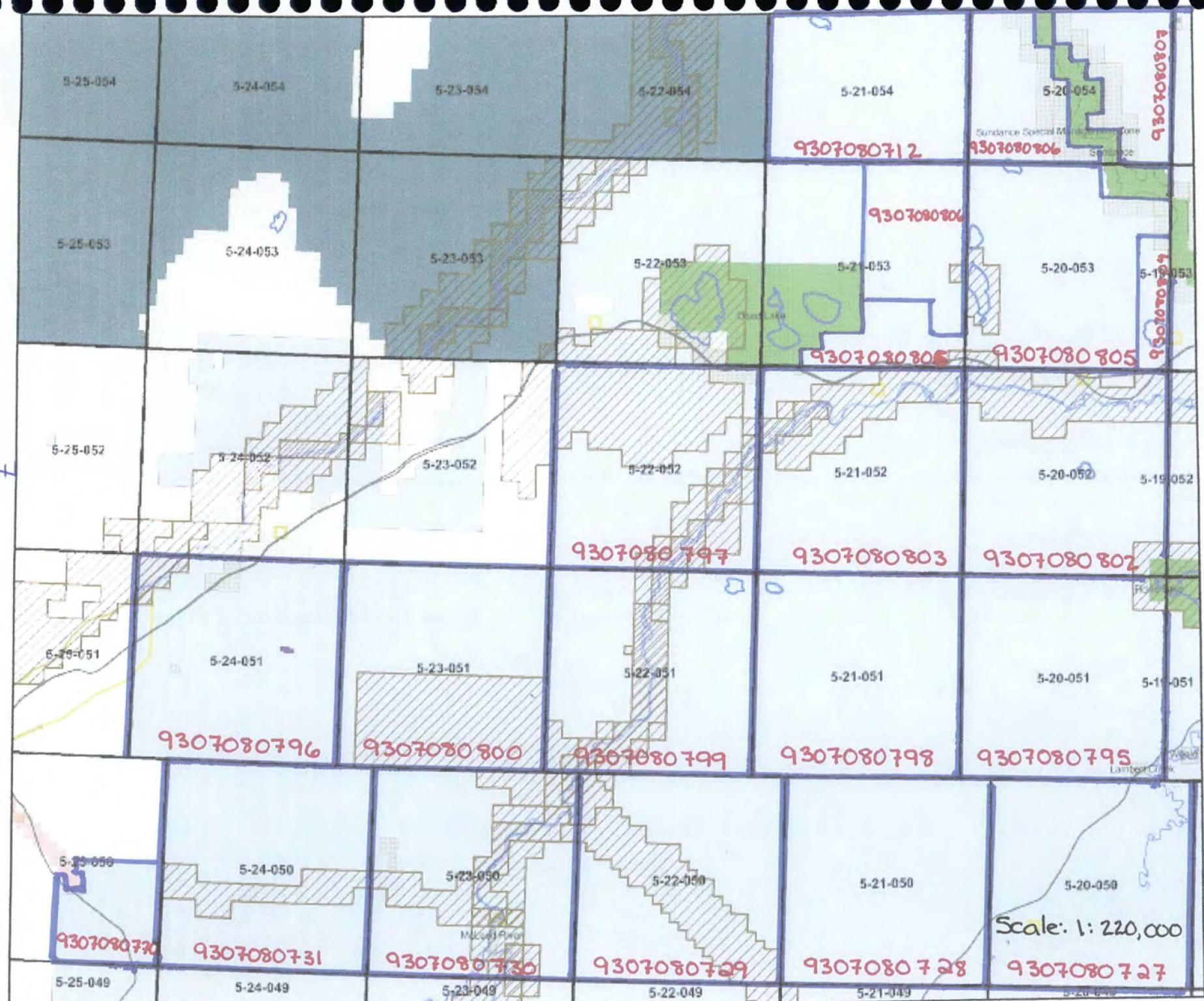
MAPS OF CURRENT PERMITS AND BOUNDARIES

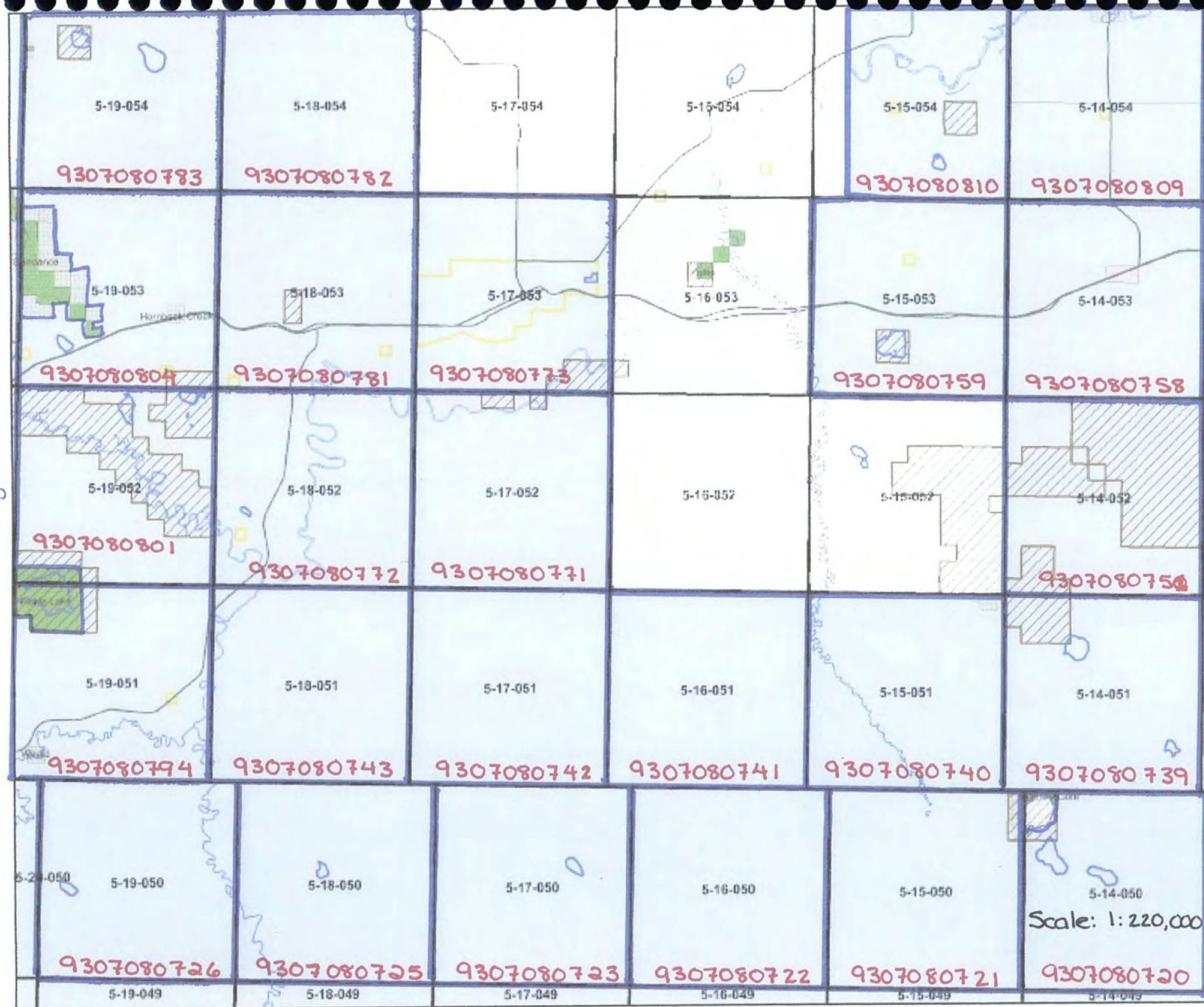


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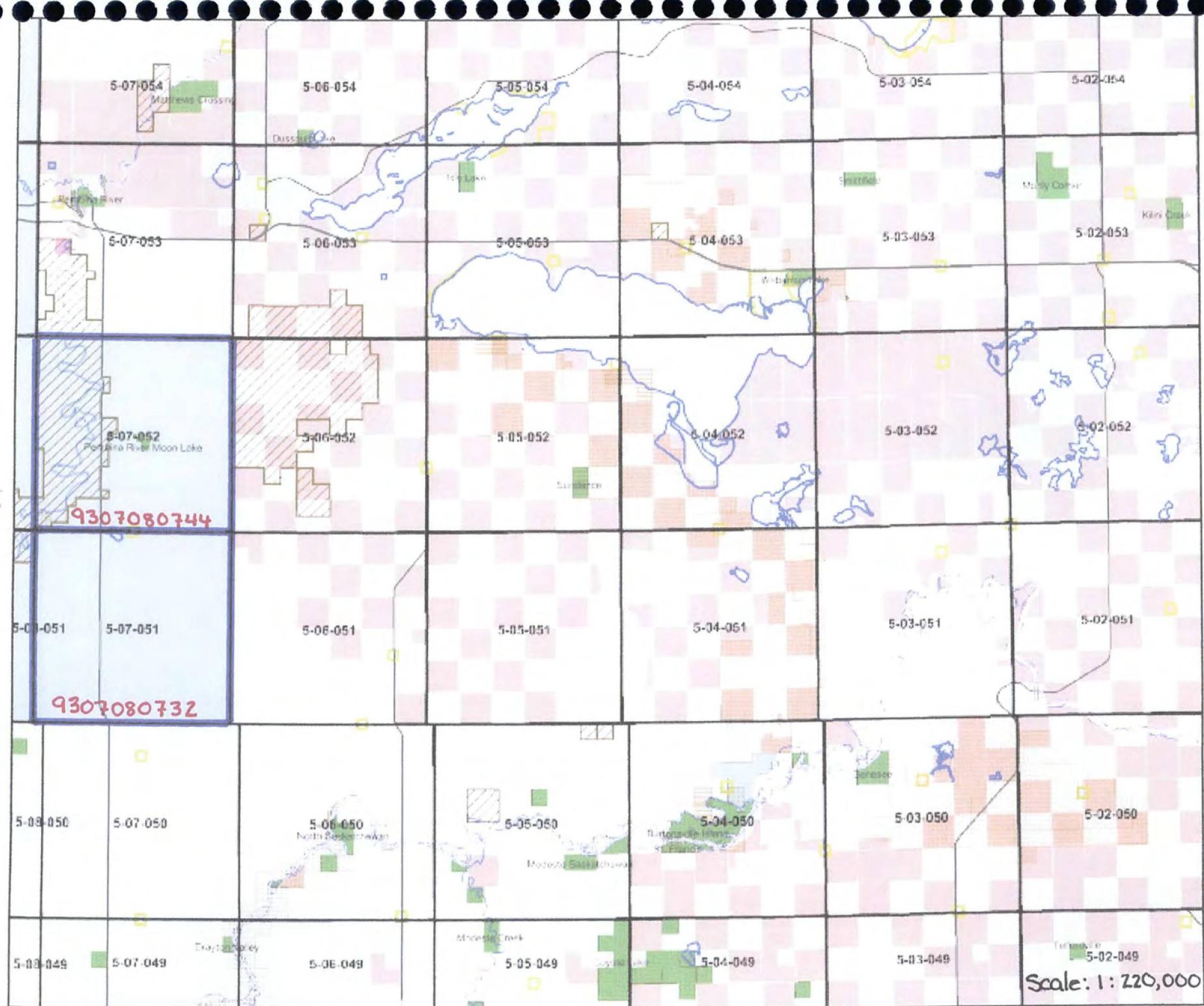


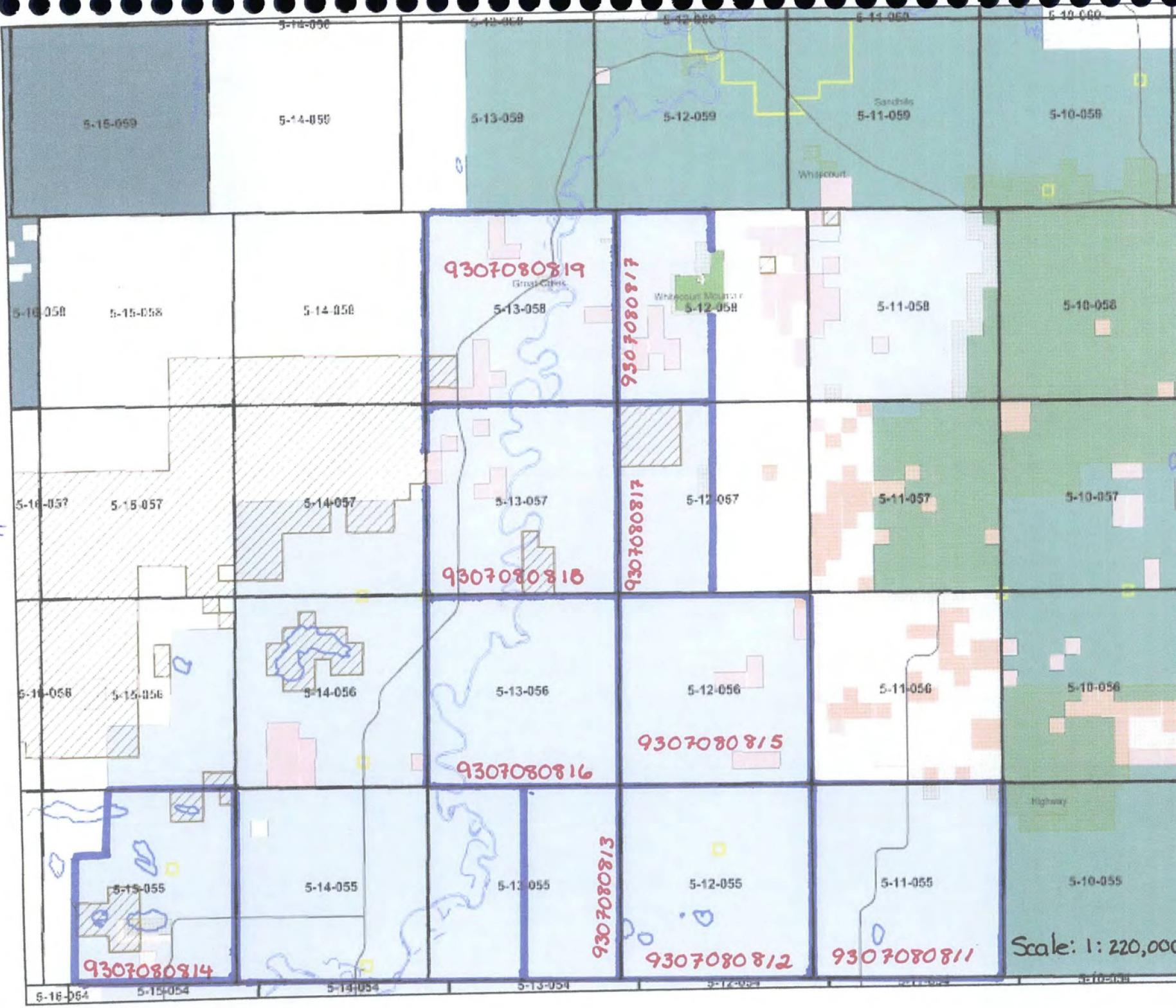


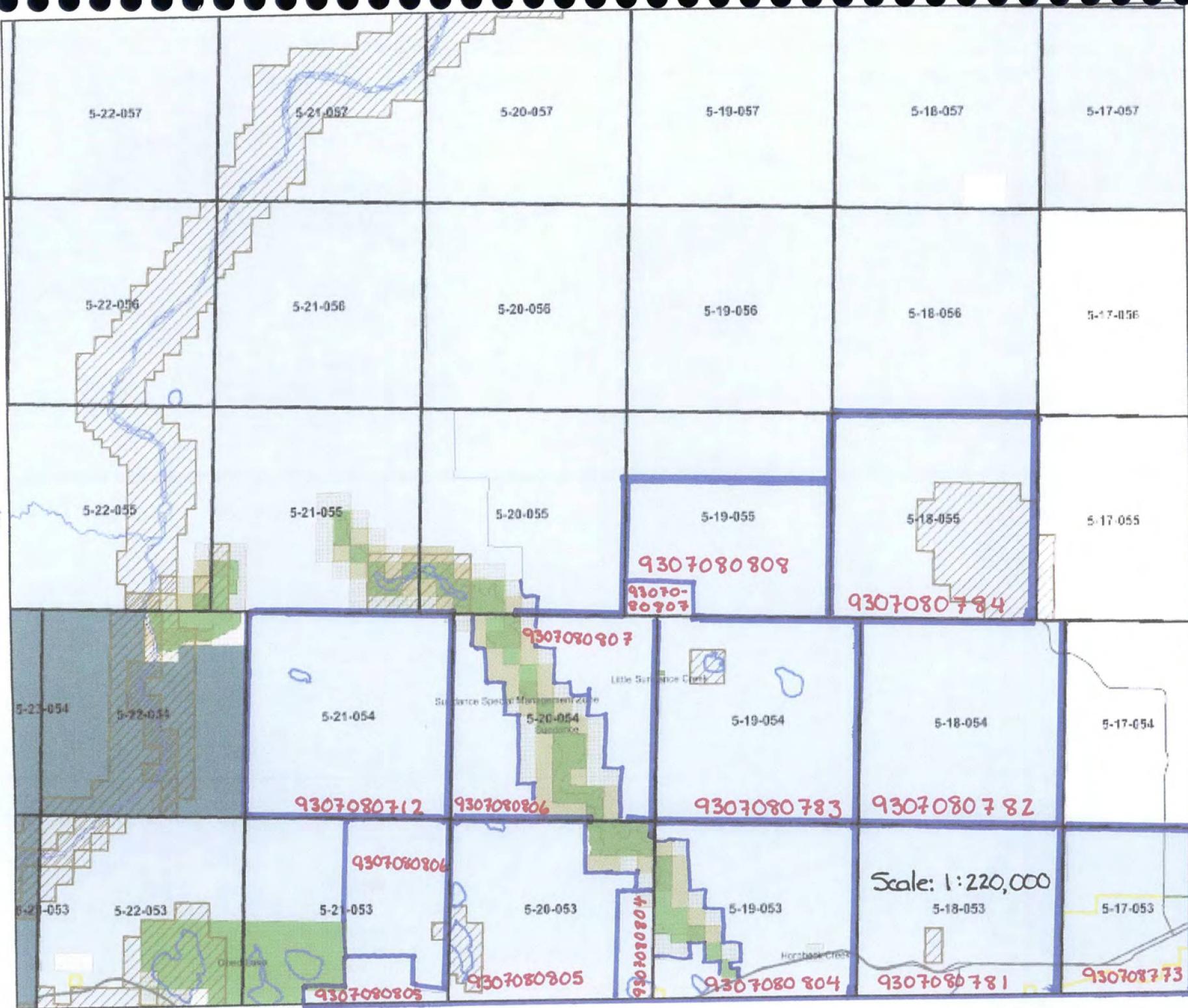












PART B – TECHNICAL REPORT

SUMMARY

In the fall of 2007, Ivey Canadian Exploration conducted an exploration program on the ‘Pembina Project’ block of permits. The blocks are located within NTS 83C, 83F, and 83G. The Pembina Project blocks are covered under Metallic and Industrial Mineral Permit Numbers 9307080683 to 9307080819 inclusively.

The purpose of this program was to identify if any anomalous kimberlite indicator minerals, gold or platinum group metals might exist within the Pembina and McLeod River drainage basins. 54 locations were drilled of which 42 samples were obtained and sent to the Saskatchewan Research Council for analysis. Anomalous gold/PGM’s and possible kimberlite indicator minerals identified in the samples, warrant further work be conducted within this area.

INTRODUCTION

In the fall of 2007, Ivey Canadian Exploration (Ivey) began and completed a regional exploration program named the ‘Pembina Project’. The purpose of this project was to explore the Pembina and McLeod River drainage basins for anomalous kimberlite indicator minerals, gold and platinum group metals. SNC Lavalin Environmental (SNC) managed the field program and used Beck Drilling to conduct the sample recovery for the project.

PART B - SUMMARY EXPENDITURE STATEMENT

| | <u>AMOUNT SPENT</u> |
|---|----------------------|
| 1. Prospecting | \$ _____ |
| 2. Geological Mapping & Petrography | \$ _____ |
| 3. Geophysical Surveys | |
| a. Airborne | \$ _____ |
| b. Ground | \$ _____ |
| 4. Geochemical Surveys | \$ _____ |
| 5. Trenching and Stripping | \$ _____ |
| 6. Drilling | \$ <u>387,889.18</u> |
| 7. Assaying & whole rock analysis | \$ <u>39,483.68</u> |
| 8. Other Work <u>3 days in field finding test holes</u> | \$ <u>1,633.42</u> |

SUBTOTAL \$ 429,006.28

9. Administration (10% of subtotal) \$ 42,900.63

TOTAL \$ 471,906.91

(Must be consistent with expenditures in Part A)

Signature

JAMES HYNES
Print Name

JAN 13, 2010
Date

REGIONAL GEOLOGY

The exploration area covered by the Pembina Project covers a diverse geological setting. The western portion of the Permit Area is near or within the Foothills of Alberta. This terrain is well drained and hilly, with typical drainage to the east and north. Much of the area is comprised of sedimentary bedrock overlain by unconsolidated sediments and glacial till, with higher areas occasionally having exposed bedrock. The western portion of the exploration area is relatively flat, with drainage towards the Pembina and McLeod Rivers. This area is also covered by unconsolidated sediments and glacial till.

EXPLORATION

Exploration on the Pembina project began in October of 2007 and concluded in December of 2007. Prior to sampling with the drill rig, 3 days were spent in the field locating suitable locations to drill and obtain samples. The purpose of this program was to sample unconsolidated sediments within the Pembina and McLeod drainage basins and test for kimberlite indicator minerals, gold and platinum group metals. Samples were taken at 42 sites along the Pembina and McLeod Rivers at locations that could utilize existing roads and did not require any lines to be cut in the trees. These samples were obtained using a truck mounted drill rig, with the sediment samples being bagged and sent to the Saskatchewan Research Council for Analysis. Table 1 details the testing locations and an overview of the drilling depths. Figure 1 (in Pocket) shows the testhole locations on a topographic map. The Borehole Logs generated by SNC Lavalin are attached in Appendix I. The kimberlite indicator minerals and the gold/PGM assays are shown in Appendix II. Appendix III shows a Table generated by Ivey Canadian Exploration with the gold and PGM values calculated back to the original sample size.

CONCLUSION

This initial exploration program has identified a number of anomalous gold/PGM values and some potential kimberlite indicator minerals. As a result, further field testing is recommended to expand the number of testholes around the anomalous findings to determine if a trend exists.

AUTHOR QUALIFICATIONS

I, James Hynes, residing at Canmore, Alberta, Canada do hereby certify that:

1. I am a Professional Engineer with Ivey Canadian Exploration Ltd, 10020 101A Avenue NW, Suite 1990, Edmonton, AB, T5J 3G2
2. I am a graduate of the University of New Brunswick with a degree in Geological Engineering (1999) and have practiced my profession continuously since 2000.
3. I am a professional Engineer with APEGGA.
4. I am not aware of any material fact or material change with respect to the subject matter of the Report that is not reflected in the Report, or the omission to disclose which makes the Report misleading.



James Hynes, P. Eng.
Canmore, Alberta, Canada
October 27th, 2009

REFERENCES

None

TABLE 1

Testing Locations and Drilling Depths

Table 1: Summary of Drilling Activities

Pembina River Valley
54 Drill Sites

| Location | UTM | | WGS84 | | Bedrock (m) | Overburden (m) | Gravel (m) | Drill Date |
|----------|----------|----------|----------|-----------|----------------|-------------------|------------|------------|
| | Eastling | Northing | Latitude | Longitude | | | | |
| S1 | 531434 | 5865385 | 52.93718 | 116.53228 | 18.9 | 6.4 | 12.5 | 13-Oct-07 |
| S2 | 530578 | 5865027 | 52.93401 | 116.54505 | 11.0 | 5.5 | 5.5 | 13-Oct-07 |
| S3 | 534372 | 5865985 | 52.94240 | 116.48851 | 13.4 | 11.6 | 1.8 | 10-Oct-07 |
| S4 | 534398 | 5868076 | 52.94321 | 116.48811 | 16.5 | 14.0 | 2.4 | 11-Oct-07 |
| S5 | 535816 | 5867548 | 52.95635 | 116.46685 | 19.8 | 1.5 | 18.3 | 12-Oct-07 |
| S6 | 537166 | 5870576 | 52.98348 | 116.44640 | 5.8 | 3.7 | 2.1 | 12-Oct-07 |
| S7 | 537076 | 5870846 | 52.98591 | 116.44772 | 11.0 | 11.0 | 0 | 12-Oct-07 |
| S8 | 536473 | 5871498 | 52.99181 | 116.45662 | 16.8 | 15.2 | 1.5 | 11-Oct-07 |
| S9 | 536281 | 5871735 | 52.99396 | 116.45945 | 15.9 | 15.9 | 0 | 11-Oct-07 |
| S10 | 536317 | 5871906 | 52.99549 | 116.45890 | 16.8 | 16.8 | 0 | 11-Oct-07 |
| | | | Average | | 14.6 | 10.2 | 4.4 | |
| T1 | 588086 | 5885795 | 53.11430 | 115.68394 | 21.3 | 21.3 | 0 | 15-Oct-07 |
| T3 | 589637 | 5885889 | 53.11489 | 115.66074 | 5.2 | 1.5 | 3.7 | 17-Oct-07 |
| T4 | 590107 | 5885843 | 53.11440 | 115.65374 | 8.8 | 8.8 | 0 | 17-Oct-07 |
| T5 | 589268 | 5886752 | 53.12271 | 115.66602 | 13.7 | 12.2 | 1.5 | 17-Oct-07 |
| | | | Average | | 12.3 | 11.0 | 1.3 | |
| A1 | 633663 | 5933395 | 53.53244 | 114.98329 | 7.6 | 4.6 | 3.0 | 23-Oct-07 |
| A2 | 633595 | 5931175 | 53.51252 | 114.98527 | 35.1 | 35.1 | 0 | 24-Oct-07 |
| A3 | 635361 | 5929081 | 53.49325 | 114.95955 | 4.6 | 4.6 | 0 | 30-Oct-07 |
| A4 | 633771 | 5928945 | 53.49244 | 114.98356 | 16.8 | 16.8 | 0 | 24-Oct-07 |
| A5 | 633809 | 5927664 | 53.48092 | 114.98354 | 9.1 | 9.1 | 0 | 24-Oct-07 |
| A6 | 633656 | 5924711 | 53.45443 | 114.98710 | 5.5 | 5.5 | 0 | 23-Oct-07 |
| A7 | 630615 | 5923989 | 53.44871 | 115.03316 | 12.2 | 12.2 | 0 | 23-Oct-07 |
| A8 | 629168 | 5919096 | 53.40511 | 115.05695 | 4.3 | 4.3 | 0 | 23-Oct-07 |
| A11 | 620266 | 5893455 | 53.17684 | 115.20049 | 28.0 | 28.0 | 0 | 24-Oct-07 |
| A14 | 617192 | 5890961 | 53.15512 | 115.24738 | 6.7 | 4.6 | 2.1 | 25-Oct-07 |
| A15 | 616859 | 5890476 | 53.15083 | 115.25254 | 31.4 | 22.9 | 8.5 | 31-Oct-07 |
| A17 | 610497 | 5886045 | 53.11238 | 115.34915 | 22.6 | 18.9 | 3.7 | 02-Nov-07 |
| A18 | 610330 | 5886213 | 53.11392 | 115.35159 | 17.4 | 16.2 | 1.2 | 02-Nov-07 |
| A23 | 612492 | 5886776 | 53.13650 | 115.31840 | 22.3 | 22.3 | 0 | 22-Oct-07 |
| A24 | 611967 | 5888655 | 53.13552 | 115.32629 | 17.7 | 17.7 | 0 | 01-Nov-07 |
| A25 | 611044 | 5888495 | 53.13428 | 115.34014 | 19.8 | 19.8 | 0 | 01-Nov-07 |
| A26 | 610669 | 5888277 | 53.13240 | 115.34581 | 9.1 | 3.0 | 6.1 | 01-Nov-07 |
| A28 | 603376 | 5887325 | 53.12531 | 115.45509 | 7.3 | 6.1 | 1.2 | 21-Oct-07 |
| A29 | 603577 | 5887251 | 53.12480 | 115.45210 | 13.7 | 9.1 | 4.6 | 21-Oct-07 |
| | | | Average | | 15.3 | 13.7 | 1.6 | |

WGS84 - World Geodetic System 1994

UTM - Universal Transverse Mercator set to NAD83 (North American Datum 1983), Zone 11

m - meters

Table 1 con't: Summary of Drilling Activities

| Location | UTM | | WGS84 | | Bedrock (m) | Overburden (m) | Gravel (m) | Drill Date |
|----------|---------|----------|----------|-----------|----------------|-------------------|------------|------------|
| | Easting | Northing | Latitude | Longitude | | | | |
| B2 | 585977 | 5888455 | 53.1386 | 115.71473 | 5.5 | 2.1 | 3.4 | 19-Oct-07 |
| B3 | 585306 | 5889053 | 53.1440 | 115.72459 | 3.7 | 1.2 | 2.4 | 19-Oct-07 |
| B4 | 572957 | 5890998 | 53.1634 | 115.90874 | 7.6 | 6.1 | 1.5 | 14-Oct-07 |
| B5 | 546050 | 5888266 | 53.1418 | 116.31155 | 4.0 | 0.0 | 4.0 | 18-Oct-07 |
| B6 | 546228 | 5888359 | 53.1426 | 116.30888 | 3.7 | 0.0 | 3.7 | 18-Oct-07 |
| B7 | 539542 | 5878422 | 53.0538 | 116.41005 | 4.0 | 0.0 | 4.0 | 20-Oct-07 |
| B8 | 533893 | 5874640 | 53.0202 | 116.49473 | 2.1 | 2.1 | 0 | 20-Oct-07 |
| B20 | 632532 | 5929545 | 53.4981 | 115.00198 | 34.8 | 33.2 | 1.5 | 30-Oct-07 |
| B22 | 625246 | 5919229 | 53.4073 | 115.11586 | 16.2 | 16.2 | 0 | 03-Nov-07 |
| B26 | 528031 | 5866010 | 52.94299 | 116.58286 | 9.1 | 3.0 | 6.1 | 07-Nov-07 |
| B27 | 526805 | 5867541 | 52.95681 | 116.60098 | 4.6 | 2.4 | 2.1 | 07-Nov-07 |
| B28 | 526836 | 5868335 | 52.96395 | 116.60046 | 7.0 | 4.6 | 2.4 | 06-Nov-07 |
| B29 | 525804 | 5868844 | 52.96858 | 116.61578 | 10.4 | 3.0 | 7.3 | 06-Nov-07 |
| B30 | 525741 | 5869028 | 52.97023 | 116.61670 | 5.2 | 3.7 | 1.5 | 06-Nov-07 |
| B31 | 524321 | 5870734 | 52.98564 | 116.63771 | 2.1 | 0.6 | 1.5 | 14-Nov-07 |
| B32 | 523589 | 5870387 | 52.98255 | 116.64864 | 0.8 | 0.8 | 0 | 14-Nov-07 |
| B35 | 522655 | 5870252 | 52.98138 | 116.66256 | 3.4 | 2.7 | 0.6 | 14-Nov-07 |
| B38 | 504934 | 5871869 | 52.9964 | 116.92649 | 0.9 | 0.9 | 0 | 15-Nov-07 |
| B39 | 506115 | 5871984 | 52.9974 | 116.90889 | 0.9 | 0.9 | 0 | 16-Nov-07 |
| B40 | 505198 | 5870865 | 52.9873 | 116.92257 | 1.2 | 1.2 | 0 | 15-Nov-07 |
| B42 | 510670 | 5870781 | 52.9865 | 116.84106 | 2.4 | 0.9 | 1.5 | 16-Nov-07 |
| | | | Average | | 6.2 | 4.1 | 2.1 | |

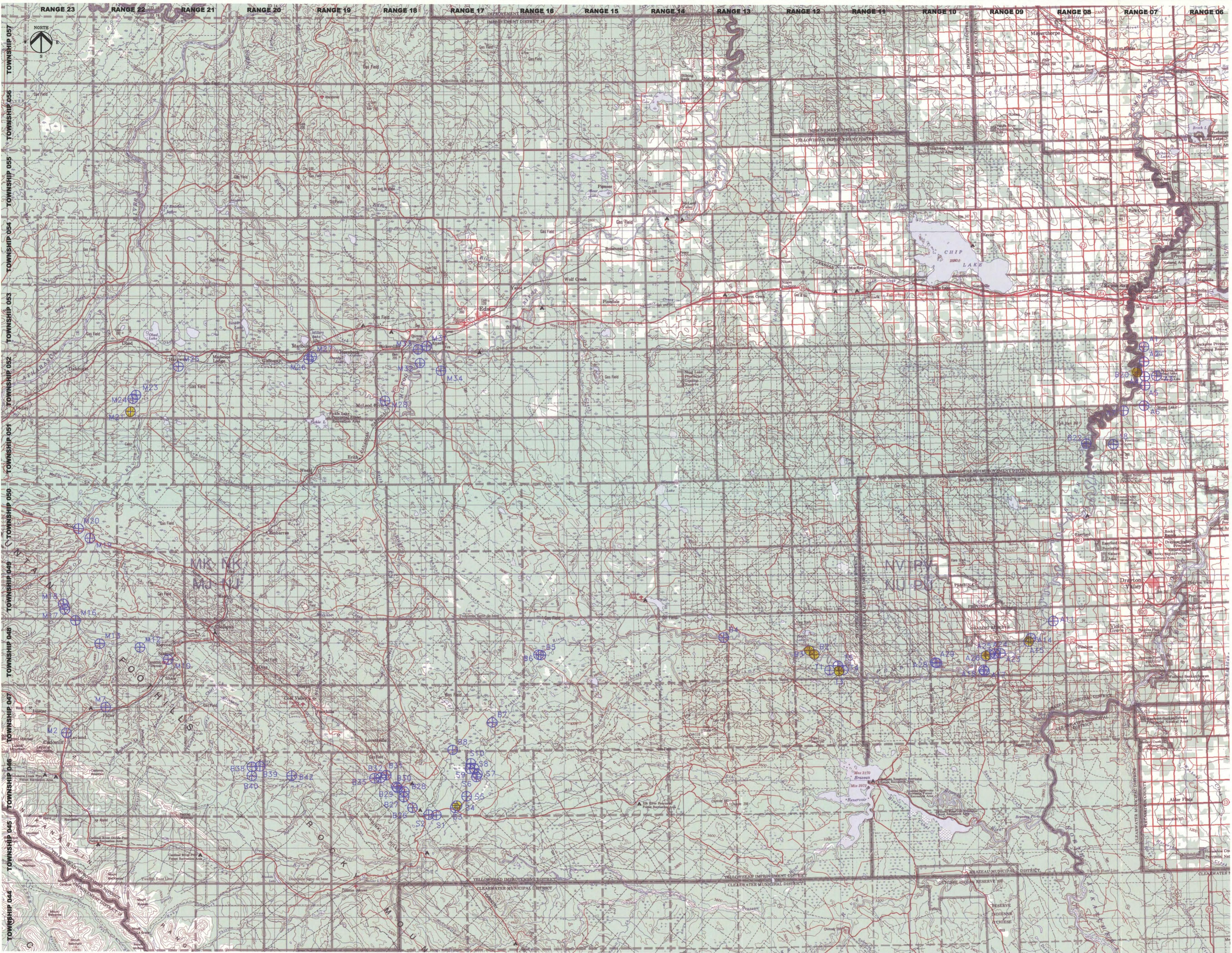
McLeod River Valley
21 Drill Sites

| Location | UTM | | WGS84 | | Bedrock (m) | Overburden (m) | Gravel (m) | Drill Date |
|----------|---------|----------|----------|-----------|----------------|-------------------|------------|------------|
| | Easting | Northing | Latitude | Longitude | | | | |
| M2 | 478230 | 5876933 | 53.0415 | 117.32470 | 9.8 | 2.4 | 7.3 | 24-Nov-07 |
| M7 | 483844 | 5880505 | 53.0738 | 117.24115 | 6.4 | 5.8 | 0.6 | 23-Nov-07 |
| M10 | 492660 | 5887687 | 53.1385 | 117.10573 | 7.3 | 1.5 | 5.8 | 17-Nov-07 |
| M12 | 488812 | 5889253 | 53.1525 | 117.16730 | 7.0 | 7.0 | 0 | 17-Nov-07 |
| M13 | 483049 | 5889786 | 53.1570 | 117.25350 | 10.7 | 7.9 | 2.7 | 18-Nov-07 |
| M16 | 479608 | 5893326 | 53.1889 | 117.30519 | 4.6 | 1.5 | 3.0 | 18-Nov-07 |
| M17 | 478010 | 5894940 | 53.2033 | 117.32922 | 10.4 | 7.3 | 3.0 | 20-Nov-07 |
| M18 | 477729 | 5895795 | 53.2110 | 117.33348 | 10.1 | 10.1 | 0 | 23-Nov-07 |
| M19 | 481557 | 5905358 | 53.2971 | 117.27672 | 2.7 | 2.7 | 0 | 23-Nov-07 |
| M20 | 479811 | 5906514 | 53.3074 | 117.30299 | 18.9 | 8.5 | 10.4 | 22-Nov-07 |
| M21 | 487506 | 5923481 | 53.4602 | 117.18818 | 15.5 | 6.7 | 8.8 | 30-Nov-07 |
| M23 | 488358 | 5926031 | 53.4831 | 117.17544 | 11.0 | 11.0 | 0 | 29-Nov-07 |
| M24 | 487838 | 5925372 | 53.4772 | 117.18325 | 9.8 | 9.8 | 0 | 29-Nov-07 |
| M25 | 494402 | 5930109 | 53.5199 | 117.08443 | 4.6 | 3.0 | 1.5 | 06-Dec-07 |
| M26 | 513024 | 5931413 | 53.5315 | 116.80351 | 15.5 | 15.5 | 0 | 05-Dec-07 |
| M27 | 513699 | 5931861 | 53.5355 | 116.79331 | 4.9 | 4.9 | 0 | 05-Dec-07 |
| M28 | 524008 | 5925259 | 53.4758 | 116.63827 | 10.7 | 10.7 | 0 | 01-Dec-07 |
| M31 | 530187 | 5933201 | 53.5468 | 116.54441 | 3.7 | 3.7 | 0 | 05-Dec-07 |
| M32 | 529238 | 5930749 | 53.5249 | 116.55896 | 15.9 | 15.9 | 0 | 06-Dec-07 |
| M33 | 528894 | 5932772 | 53.5431 | 116.56396 | 18.3 | 18.3 | 0 | 03-Dec-07 |
| M34 | 532220 | 5929591 | 53.5143 | 116.51410 | 12.5 | 12.5 | 0 | 02-Dec-07 |
| | | | Average | | 10.0 | 7.9 | 2.1 | |

WGS84 - World Geodetic System 1994
UTM - Universal Transverse Mercator set to NAD83 (North American Datum 1983), Zone 11
m - meters

Figure 1

Testing Location Map



LEGEND

 BOREHOLE LOCATION

NOTES

1. ORIGINAL DRAWING IN COLOUR.
2. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED ON SITE. NOT ALL UTILITIES MAY BE SHOWN.

REFERENCE DRAWINGS

| | | |
|-----------------|------|------------------------------|
| NTS 83F AND 83G | - | NATURAL RESOURCES CANADA MAP |
| NTS 83B AND 83C | - | NATURAL RESOURCES CANADA MAP |
| N - | DATE | DESCRIPTION |

REVISIONS

| REVISIONS | | | | | |
|-----------|------|-------------|----|-----|---|
| REV | DATE | DESCRIPTION | BY | CHK | |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| 0 | - | - | - | - | - |



SNC-LAVALIN Environment

| | |
|-----------------------------------|--------------------------------|
| CLIENT NAME: REPERIO RESOURCES | PROJECT LOCATION: EDSON, AB |
|-----------------------------------|--------------------------------|

SITE LOCATION PLAN

| | | | | |
|-------------|---------------------|--------------------|-------------------|---------|
| DWN BY: JFQ | SCALE: 1:250,000 | DATE: 2007 10 03 | DWG No: | REV.: 0 |
| CHK'D: MFM | PLOT: 20080423.1420 | CADFILE: 132207R01 | 132207-001 | |

PART C – APPENDICES

List of Appendices

- I Drill Hole Logs
- II Laboratory Assay Reports
- III Company Results

APPENDIX I

Drill Hole Logs



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

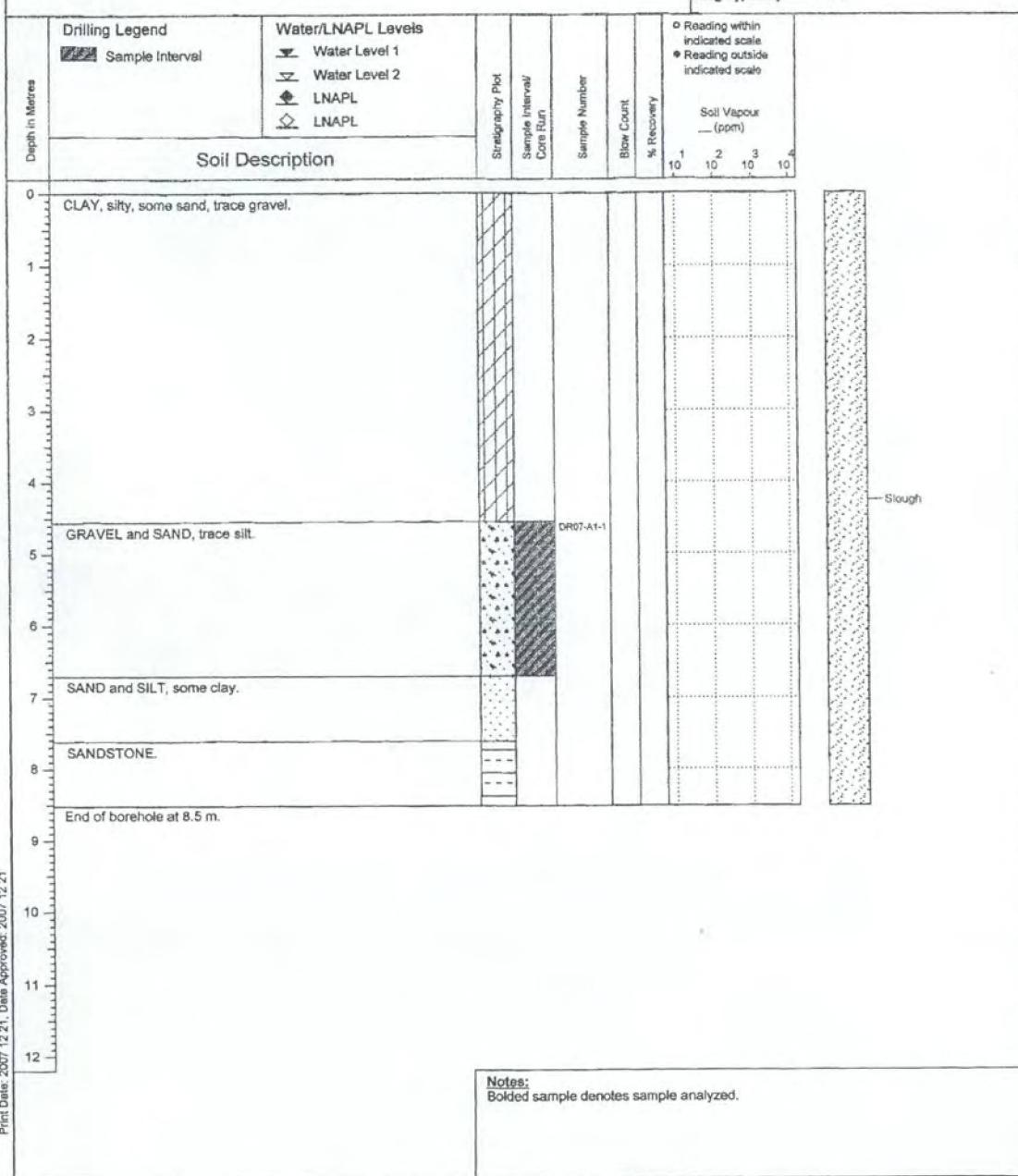
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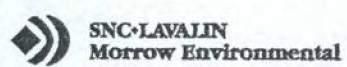
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SE 1/4 32-52-7 W5M

(Page 1 of 1)

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Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 23
Log Typed By : PS

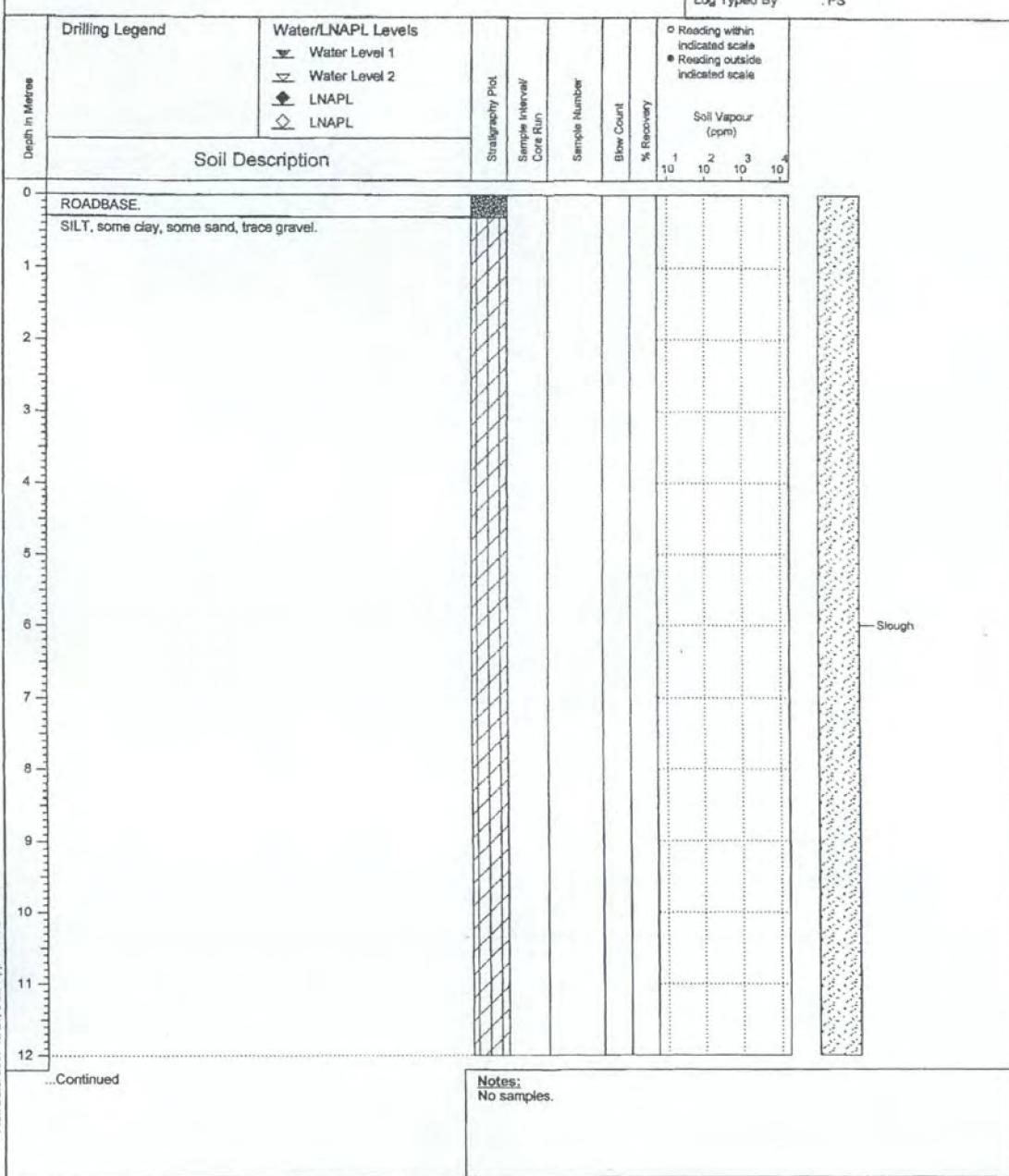


Client :
Reperio Resources

Borehole No. : DR07-A2

Location :
NE 1/4 20-52-7 W5M

(Page 1 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

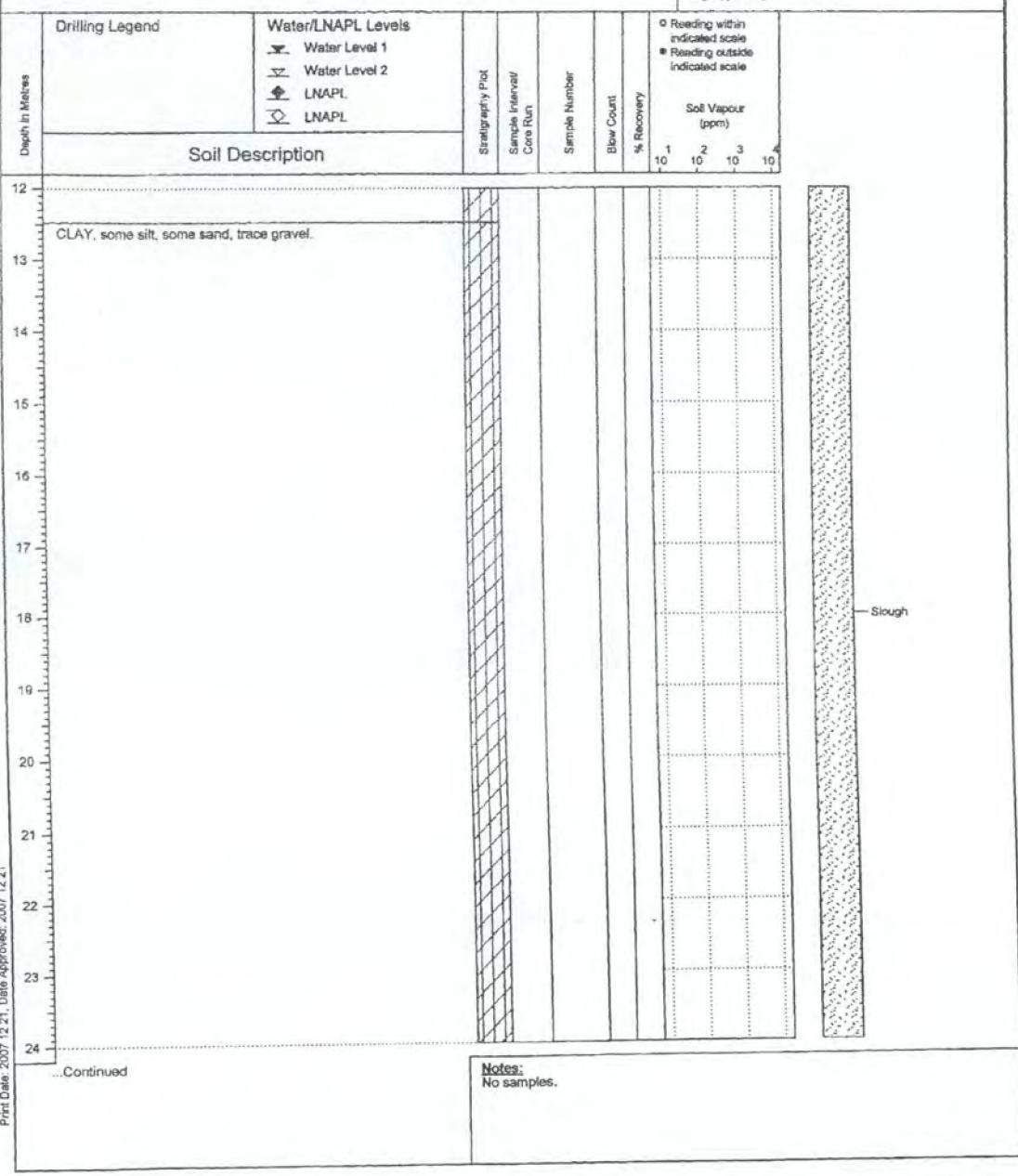
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Location:
NE 1/4 20-52-7 W5M

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Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS



Print Date: 2007 12 21 Date Approved: 2007 12 21



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

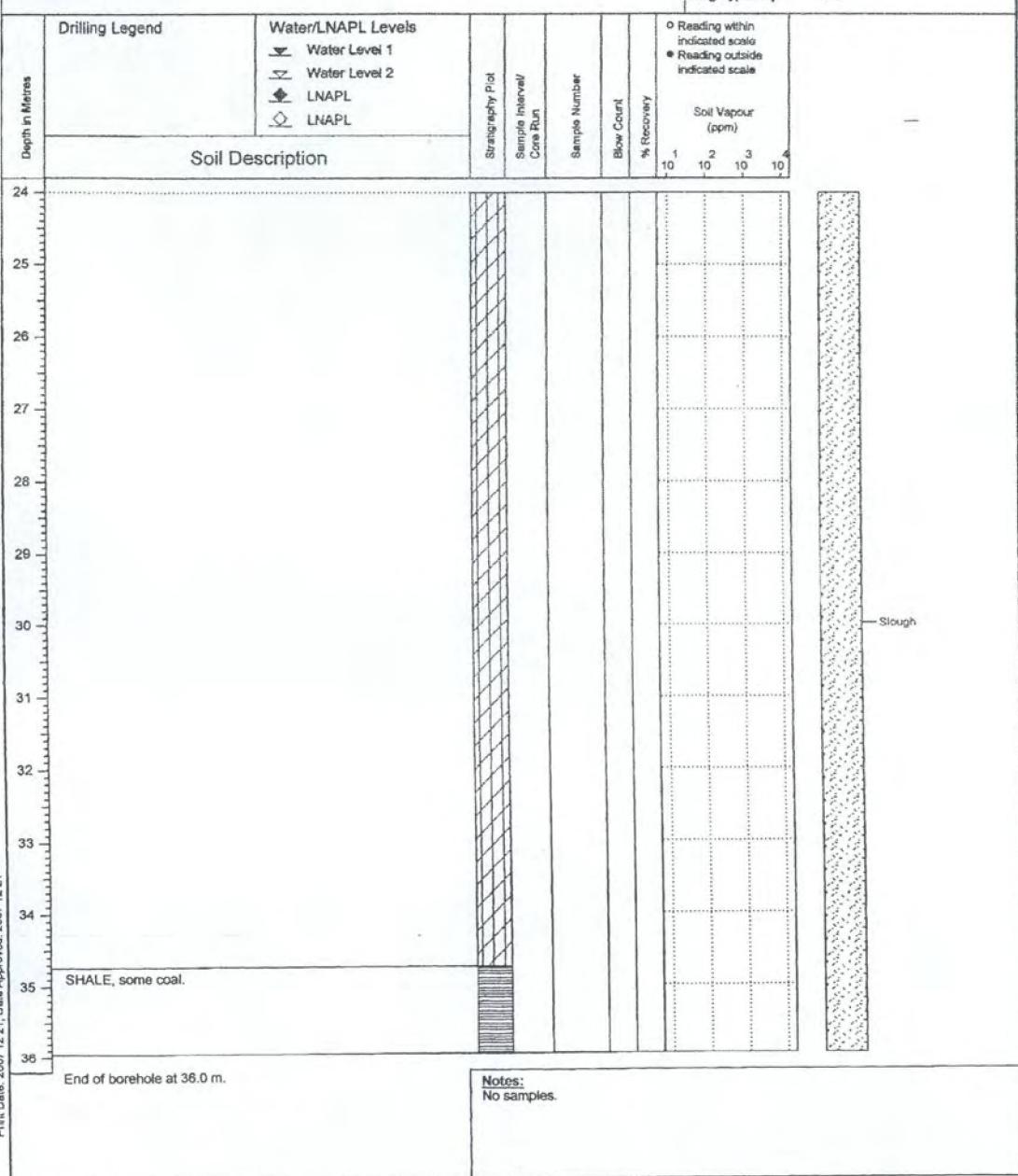
Location :
NE 1/4 20-52-7 W5M

Borehole No. : DR07-A2

(Page 3 of 3)

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Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperfo Resources

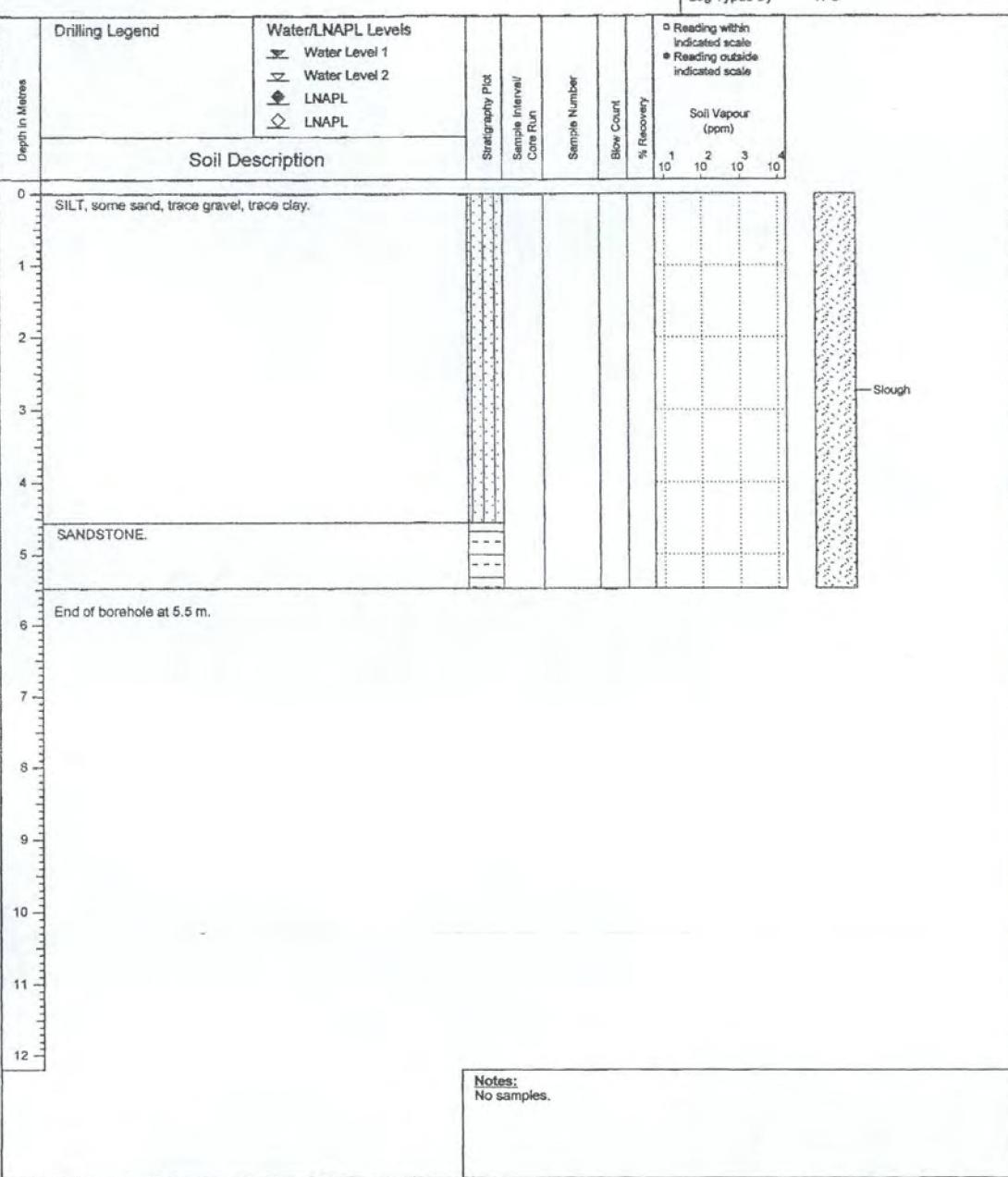
Borehole No. : DR07-A3

Location:
SW 1/4 15-52-7 WSM

(Page 1 of 1)

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Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 30
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

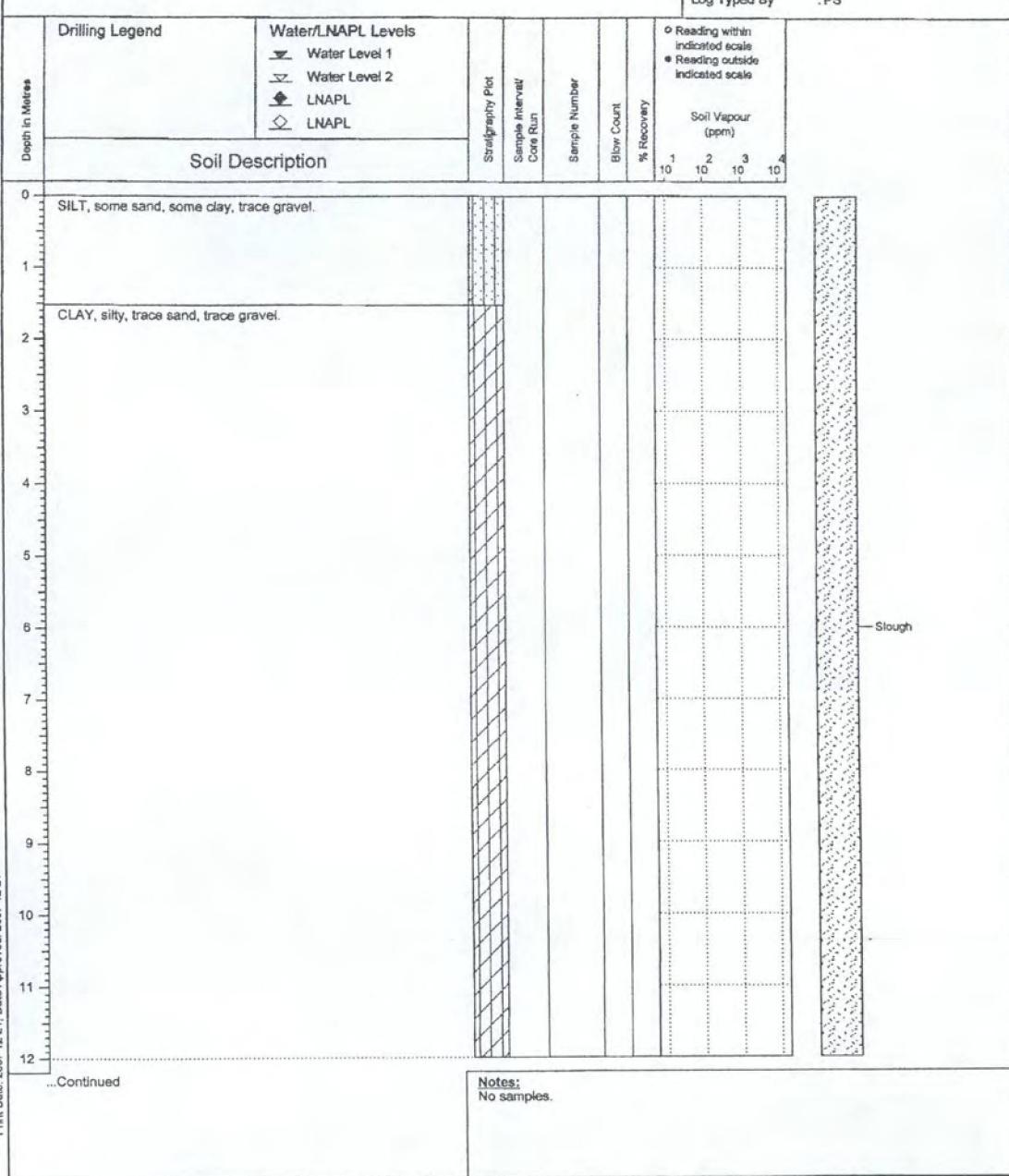
Borehole No. : DR07-A4

Location :
NE 1/4 17-52-7 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

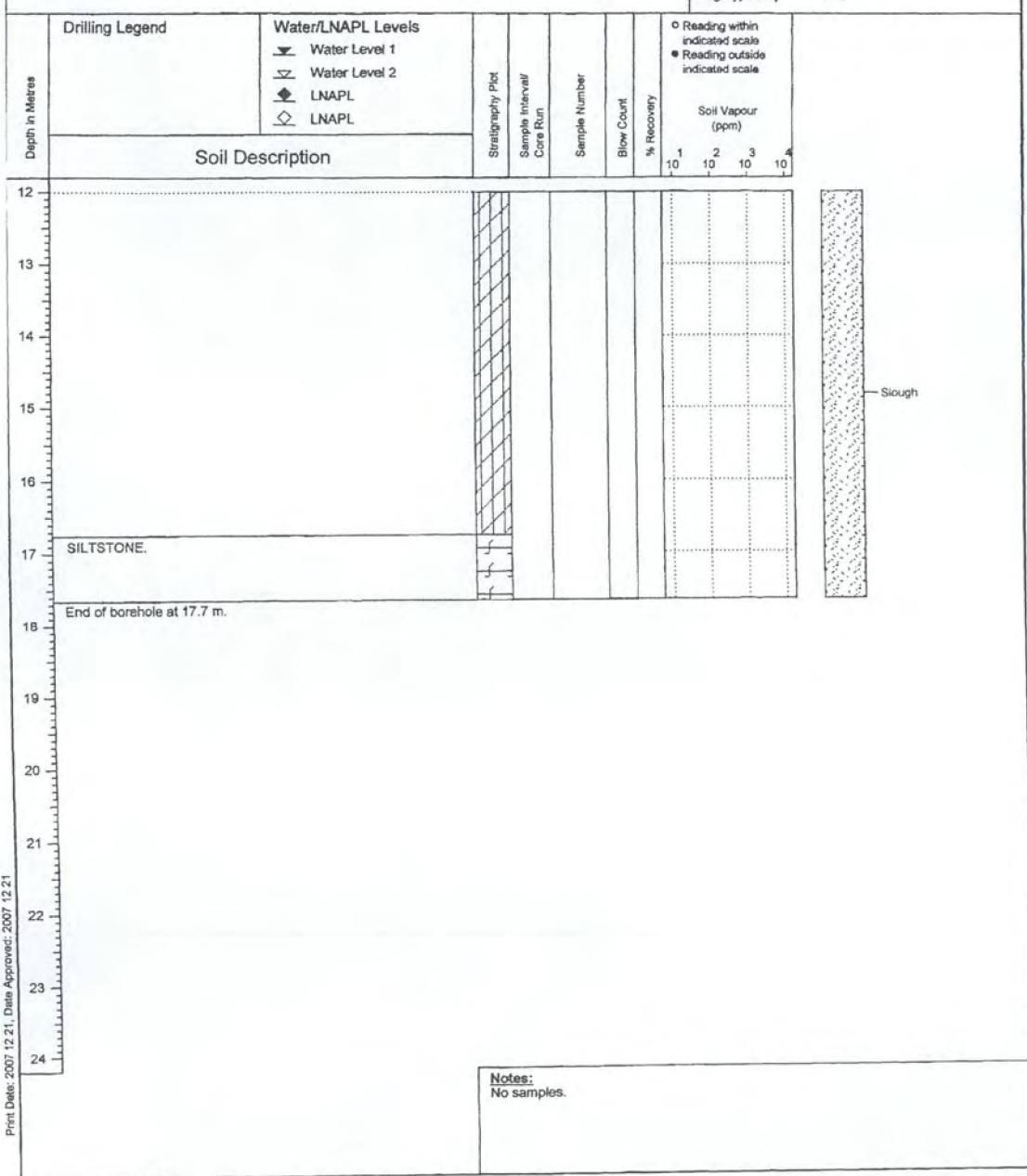
Borehole No. : DR07-A4

Location :
NE 1/4 17-52-7 WSM

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Location :
SW 1/4 18-52-7 W5M

Borehole No. : DR07-A5

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Bore Count | % Recovery | Soil Vapour (ppm) | | | |
|--------------------------------------|---|--------------------|-------------------|------------------------------|---------------|------------|------------|-------------------------------------|-------------------------------------|--|-----------------------------|
| | | | | | | | | <input type="radio"/> Water Level 1 | <input type="radio"/> Water Level 2 | <input checked="" type="radio"/> LNAPL | <input type="radio"/> LNAPL |
| Soil Description | | | | | | | | | | | |
| 0 | SILT, some sand, some clay, trace gravel. | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | SILT and CLAY, trace sand, trace gravel. | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | SANDSTONE. | | | | | | | | | | |
| 12 | End of borehole at 10.7 m. | | | | | | | | | | |
| <p>Notes: No samples.</p> | | | | | | | | | | | |

The Stratigraphy Plot shows the following details:

- Soil Description:**
 - 0-2m: SILT, some sand, some clay, trace gravel.
 - 2-10m: SILT and CLAY, trace sand, trace gravel.
 - 10m: SANDSTONE.
 - 10.7m: End of borehole.
- Borehole Profile:** A vertical column on the right side of the plot shows the borehole wall. It features a hatched pattern between depths 0-10m, representing the 'SILT and CLAY' layer. At approximately 10.7m, there is a distinct horizontal break in the hatching, labeled 'Slough'.



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

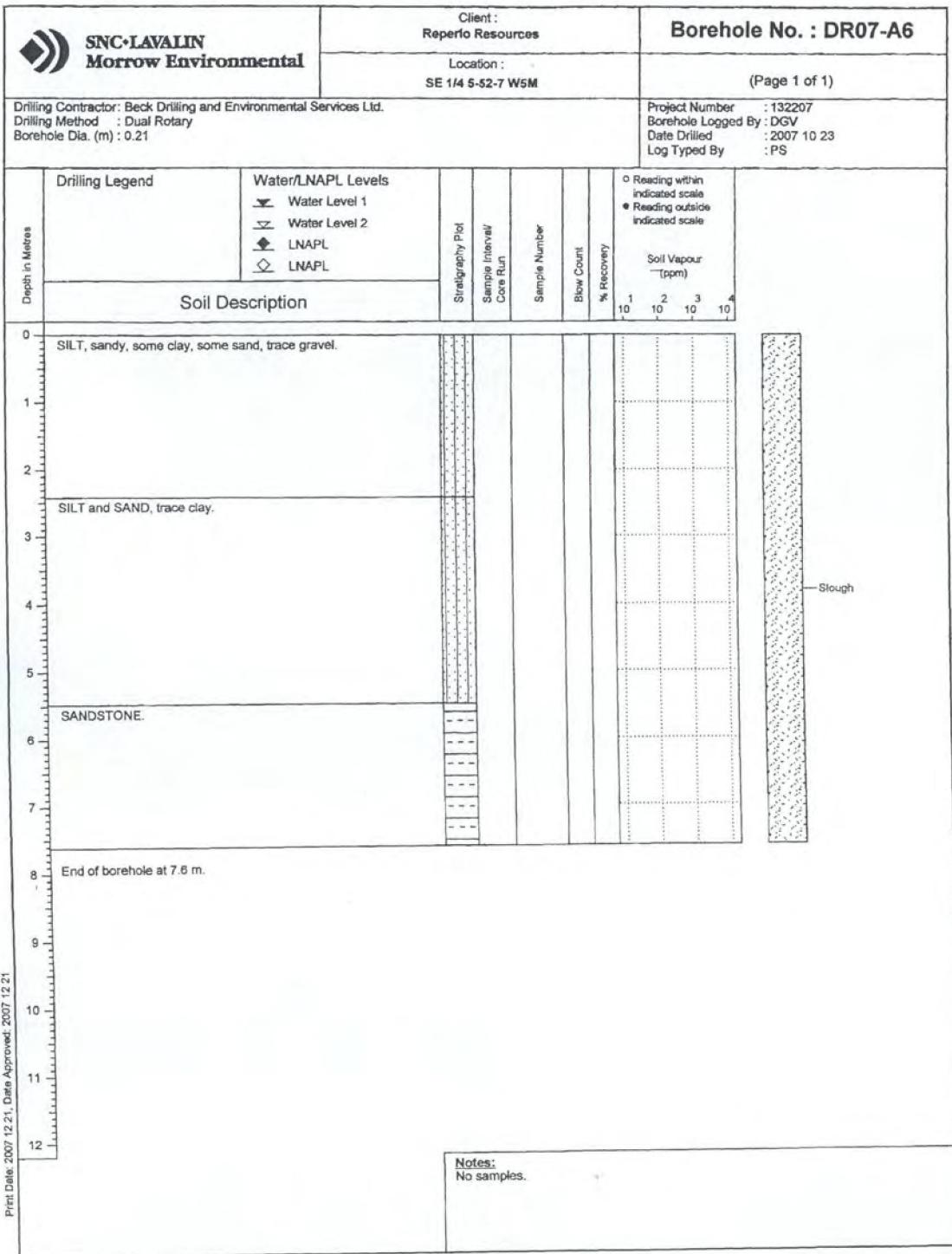
Location:
SE 1/4 5-52-7 W5M

Borehole No. : DR07-A6

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 23
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Location :

Borehole No. : DR07-A7

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 23
Log Typed By : PS

| Depth in Metres | Drilling Legend | | Water/LNAPL Levels | | Stratigraphy Plot | Sample Interval Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | 1 10 | 2 10 | 3 10 | 4 10 |
|------------------|---|--|--------------------|---------------|-------------------|-----------------------------|---------------|------------|------------|----------------------|---------|---------|---------|---------|
| | | | | Water Level 1 | | | | | | | | | | |
| Soil Description | | | | | | | | | | | | | | |
| 0 | SILT, some clay, some sand, trace gravel. | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | SILT and CLAY, trace sand, trace gravel. | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |

Slough

...Continued

Notes:
No samples.



**SNC-LAVALIN
Morrow Environmental**

Client :
Reperio Resources

Borehole No. : DR07-A7

Location :

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 23
Log Typed By : PS

| Depth in Meters | Drilling Legend | Water/LNAPL Levels | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | | | | | | | |
|-----------------|-----------------------|--------------------|-------------------|------------------------------|---------------|------------|------------|-----------------------|---------------|-------|-------|----------------------------------|-----------------------------------|----|----|
| | | | | | | | | Water Level 1 | Water Level 2 | LNAPL | LNAPL | ● Reading within indicated scale | ● Reading outside indicated scale | | |
| | Soil Description | | | | | | | 10 | 1 | 10 | 2 | 10 | 3 | 10 | 10 |
| 12 | SILTSTONE, bentonite. | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | |
| | | | | | | | | Notes: No samples. | | | | | | | |

Print Date: 2007/12/1 - User Approved: 2007/12/1



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

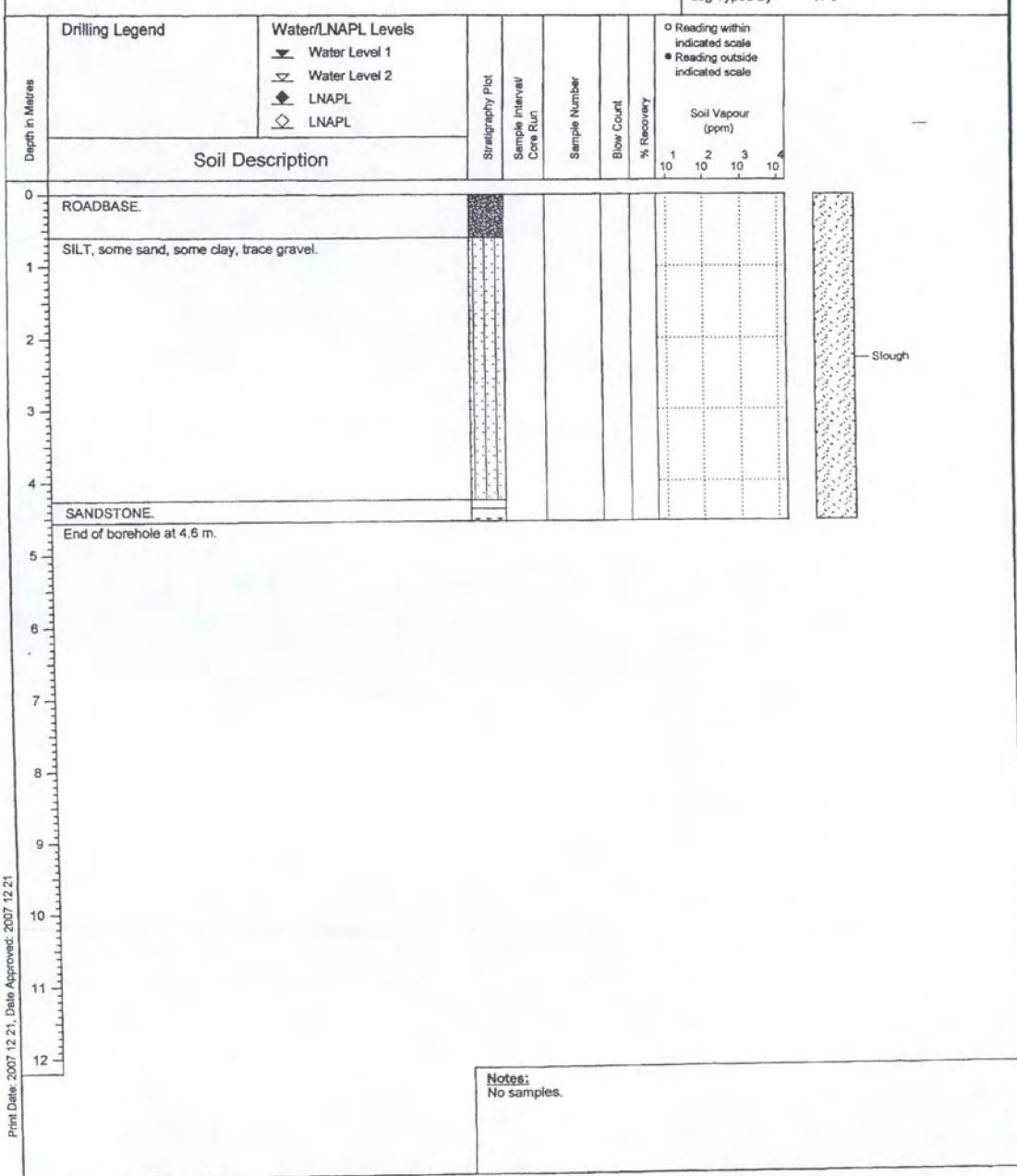
Location :
NE 1/4 14-51-8 W5M

Borehole No. : DR07-A8

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 23
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

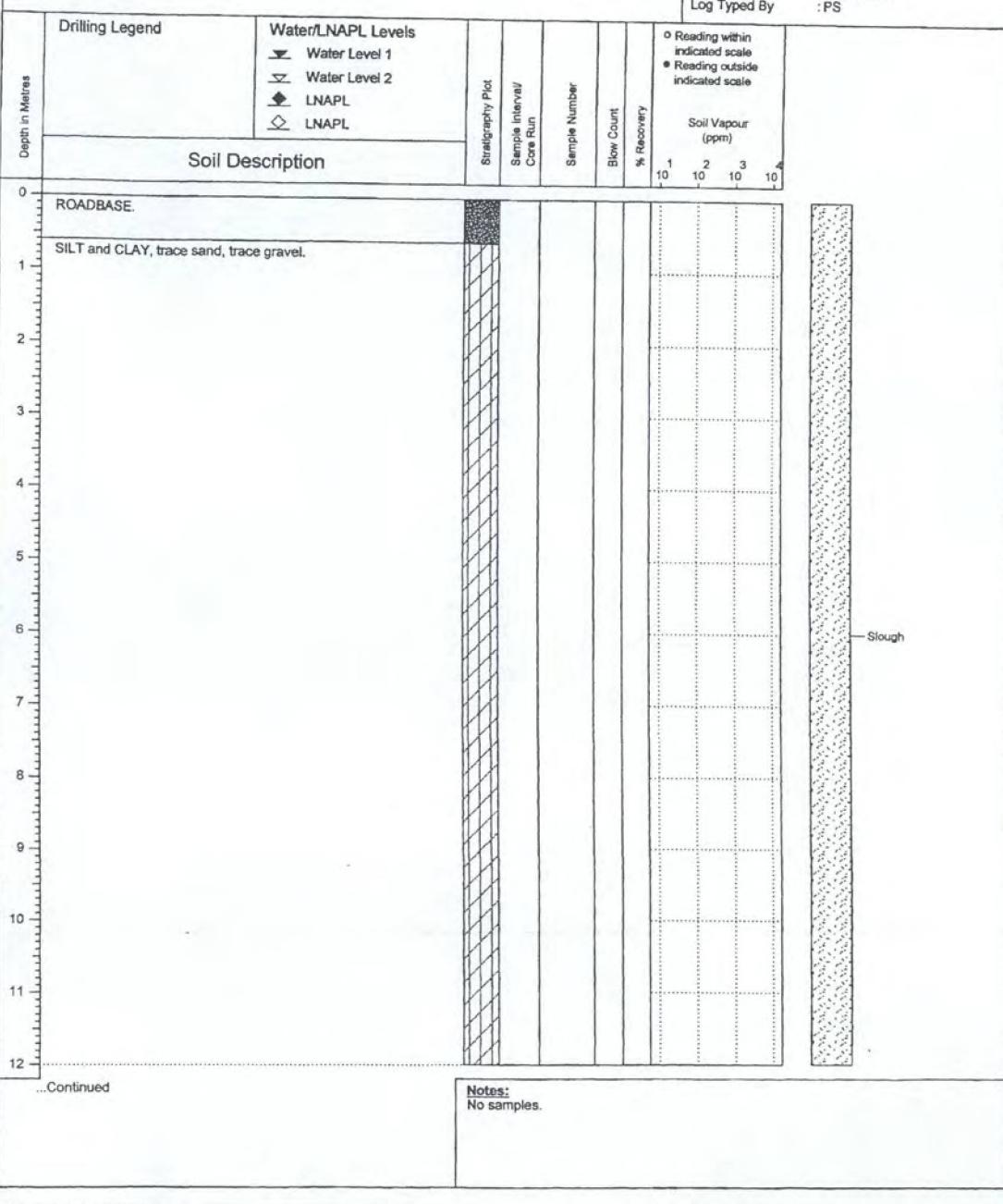
Location :
NE 1/4 26-48-9 W5M

Borehole No. : DR07-A11

(Page 1 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

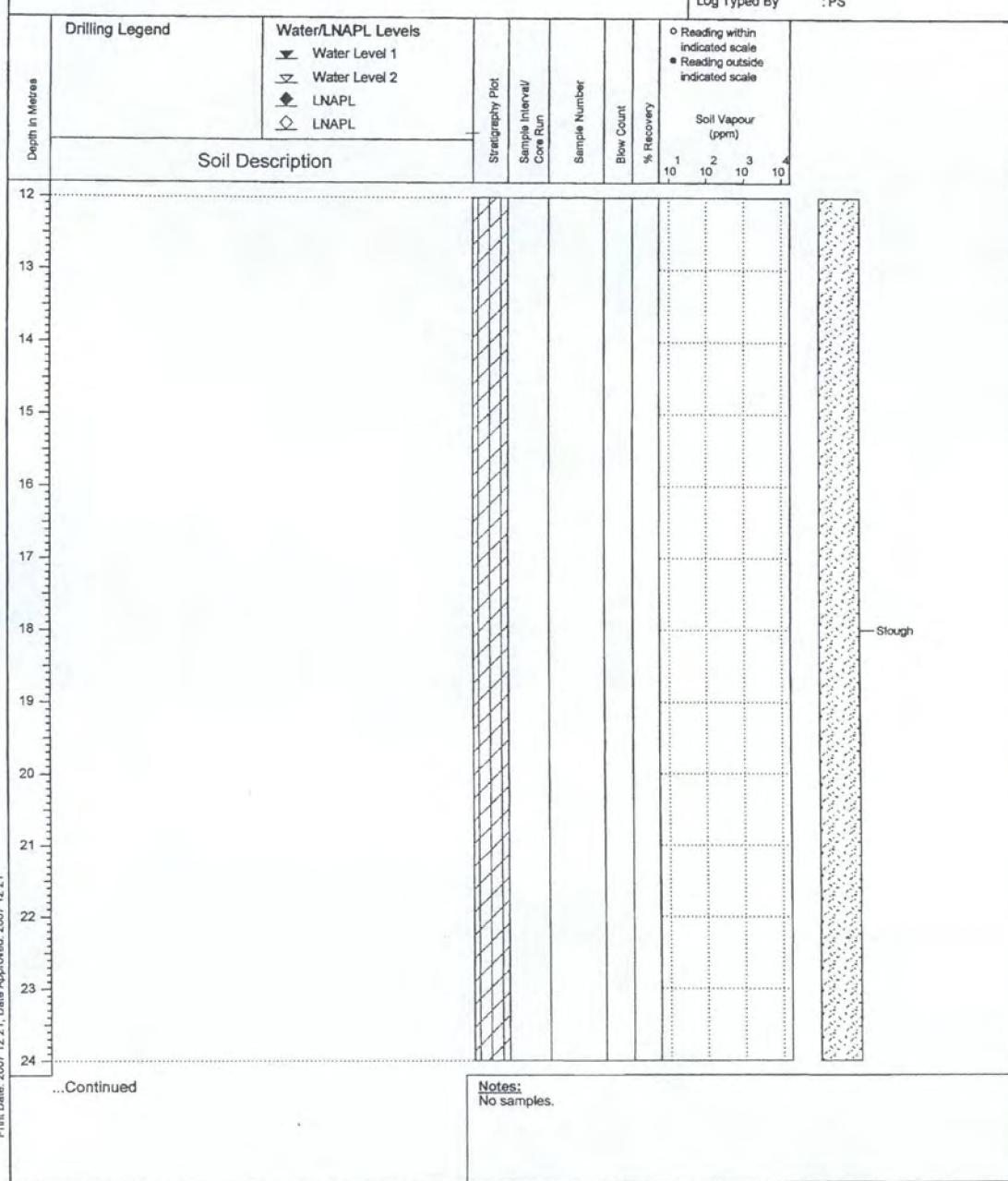
Borehole No. : DR07-A11

Location:
NE 1/4 26-48-9 W5M

(Page 2 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

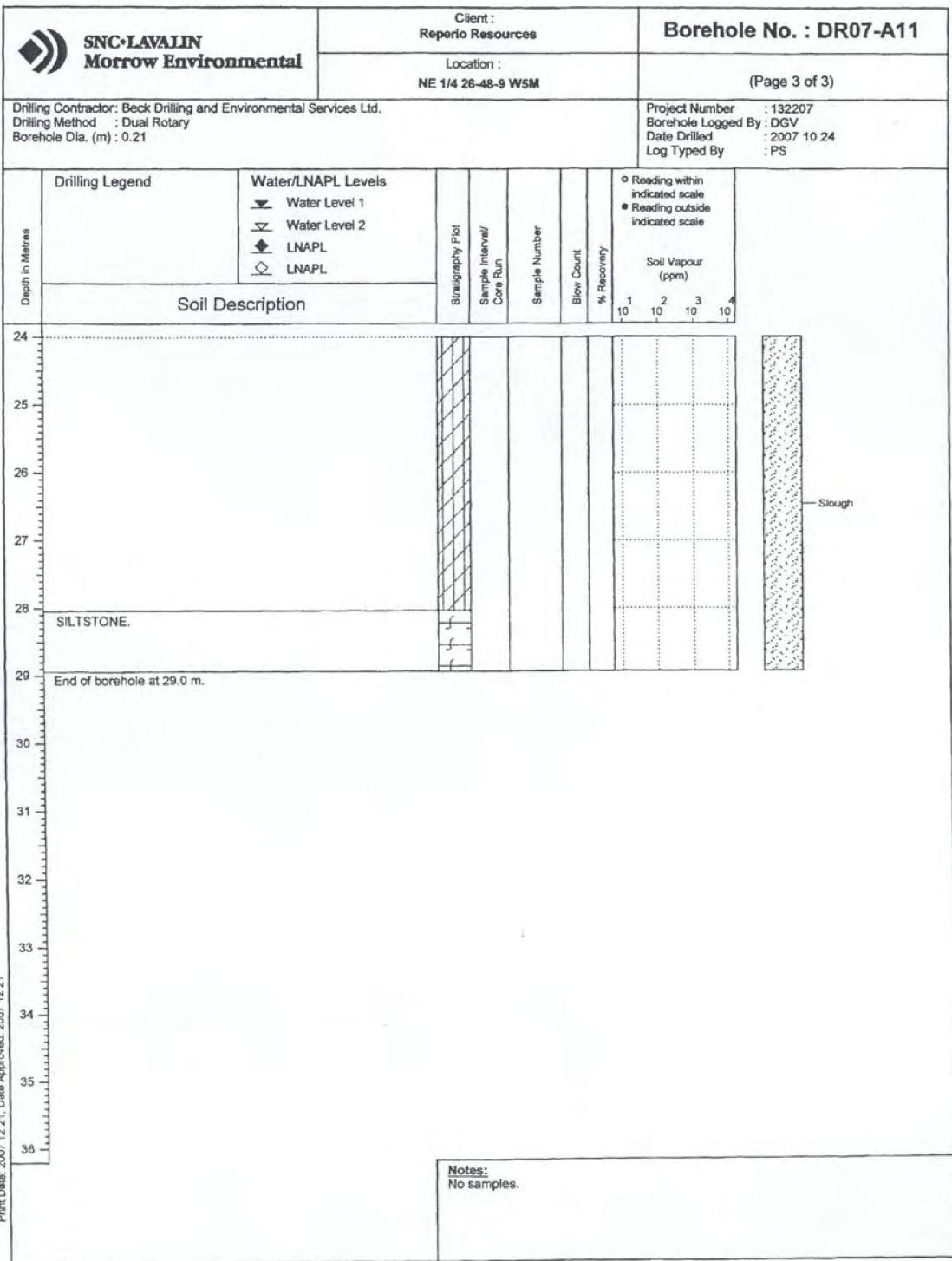
Borehole No. : DR07-A11

Location :
NE 1/4 26-48-9 W5M

(Page 3 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 24
Log Typed By : PS



Print Date: 2007 12 21; Date Approved: 2007 12 21



**SNC-LAVALIN
Morrow Environmental**

Client :
Reperio Resources

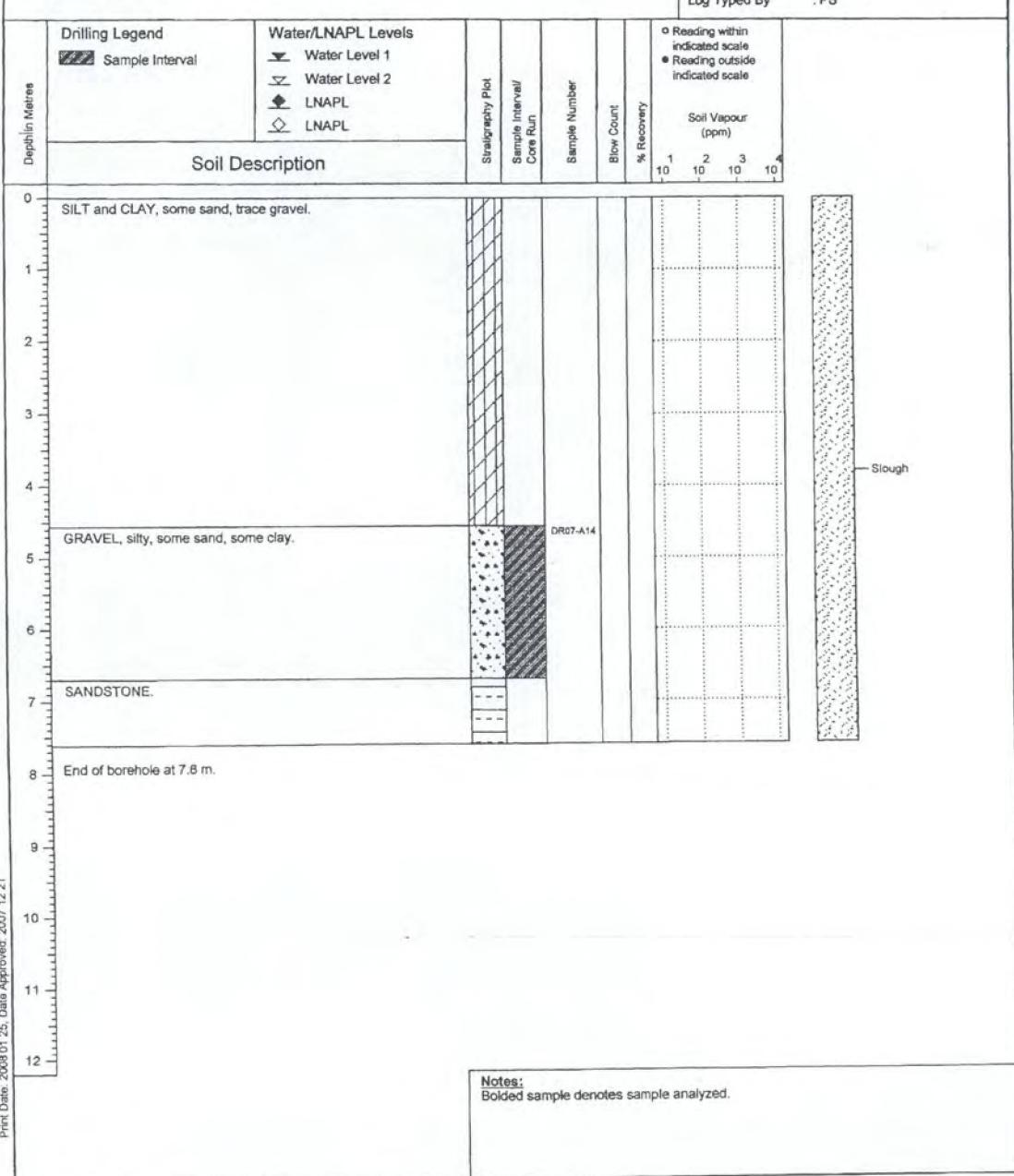
Location :
SE 1/4 21-48-9 W5M

Borehole No. : DR07-A14

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 25
Log Typed By : PS



Print Date: 2009 01 25, Date Approved: 2007 12 21



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

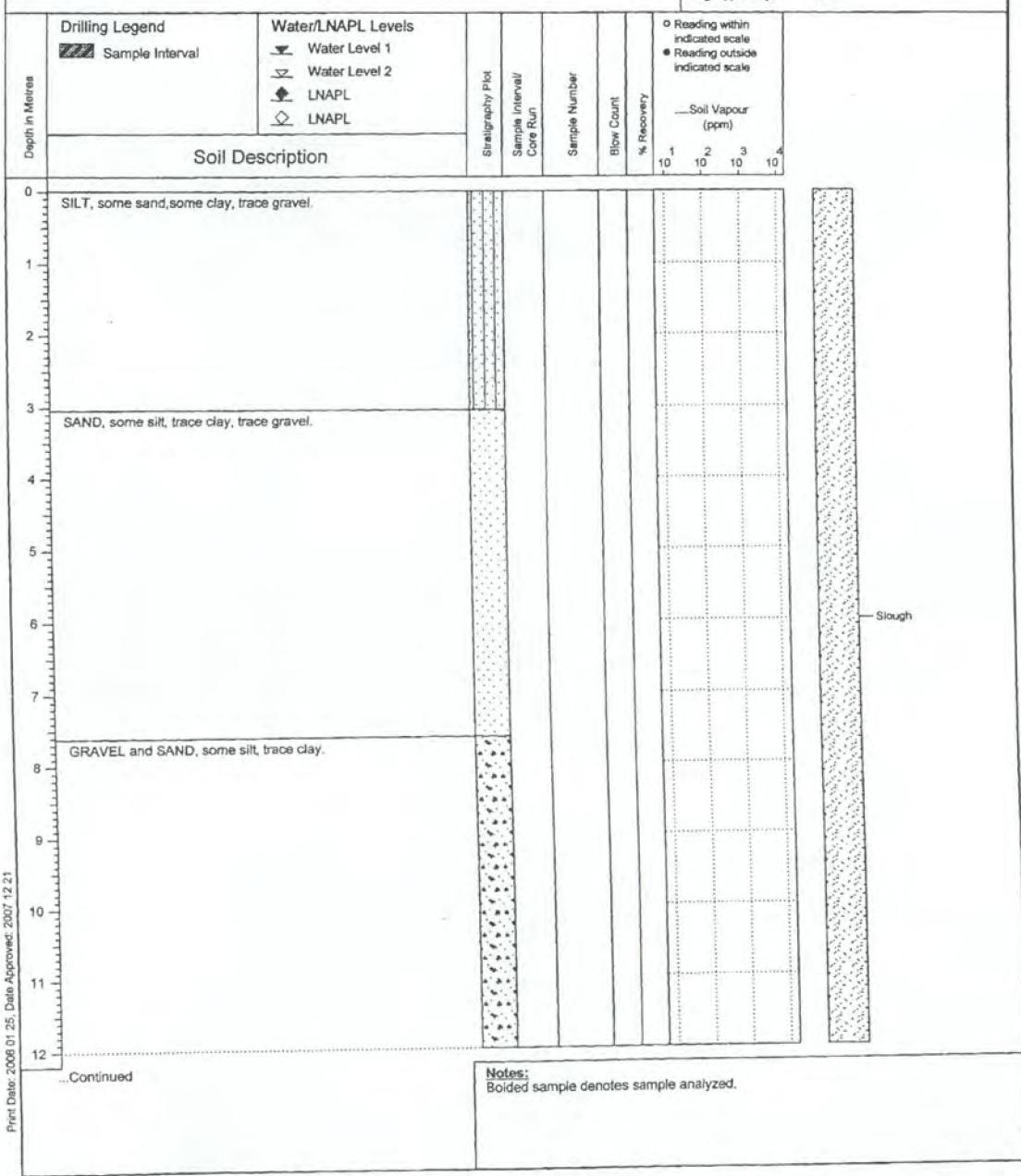
Location:
SE 1/4 21-48-9 W5M

Borehole No. : DR07-A15

(Page 1 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 31
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Location:

Borehole No. : DR07-A15

(Page 2 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 31
Log Typed By : PS

Print Date: 2008-01-25 Date Approved: 2008-01-27

| Depth in Metres | Drilling Legend | | Water/LNAPL Levels | | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) |
|---|--|-----------------|--------------------|--|-------------------|------------------------------|---------------|------------|------------|----------------------|
| | | Sample Interval | | | | | | | | |
| | Soil Description | | | | | | | | | |
| 12 | CLAY, some silt, trace sand, trace gravel. | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | GRAVEL, some sand. | | | | | | | | | |
| 24 | | | | | | | | | | |
| ...Continued | | | | | | | | | | |
| <p>Notes: Bolded sample denotes sample analyzed.</p> | | | | | | | | | | |



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

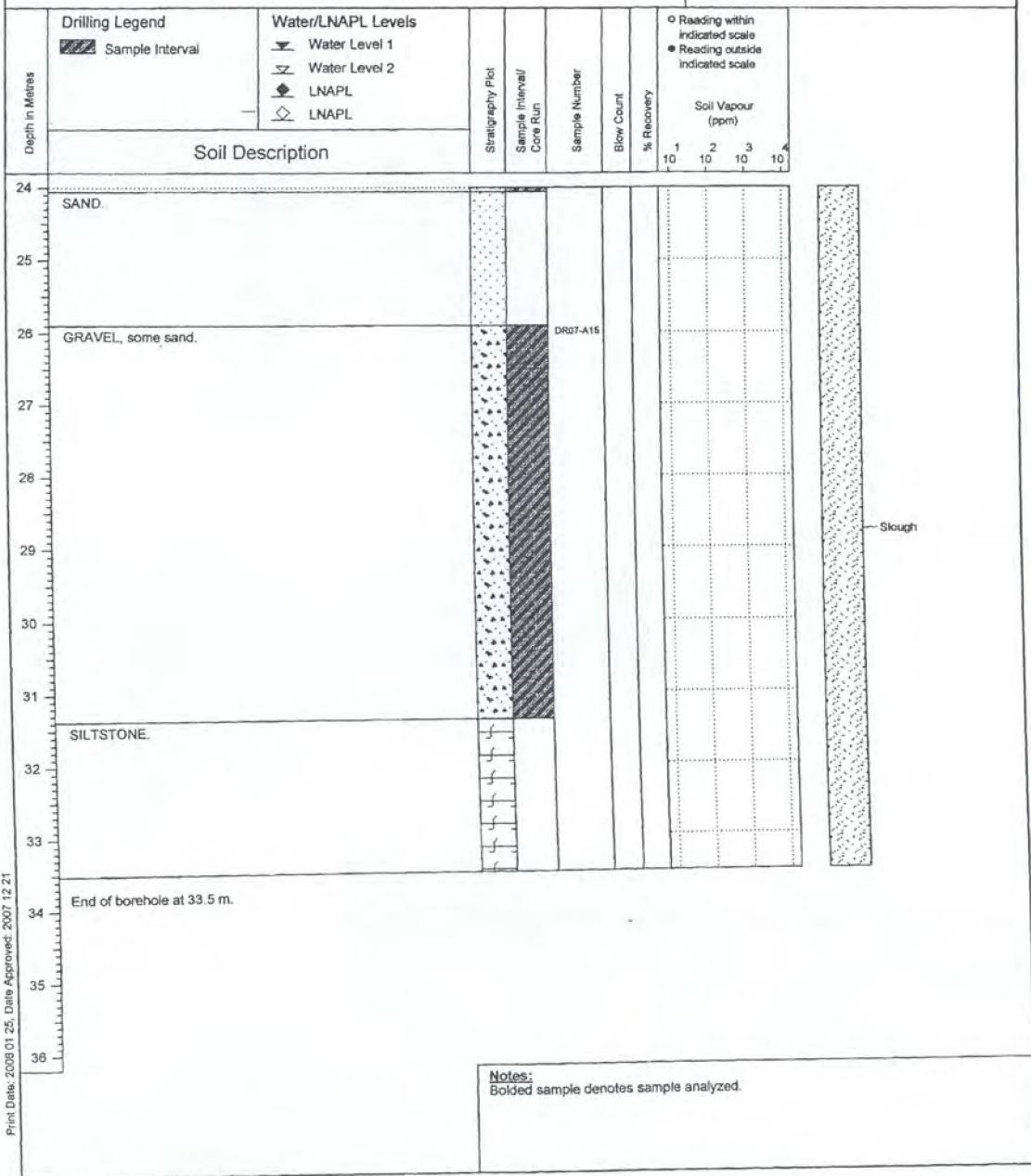
Location:
SE 1/4 21-48-9 W5M

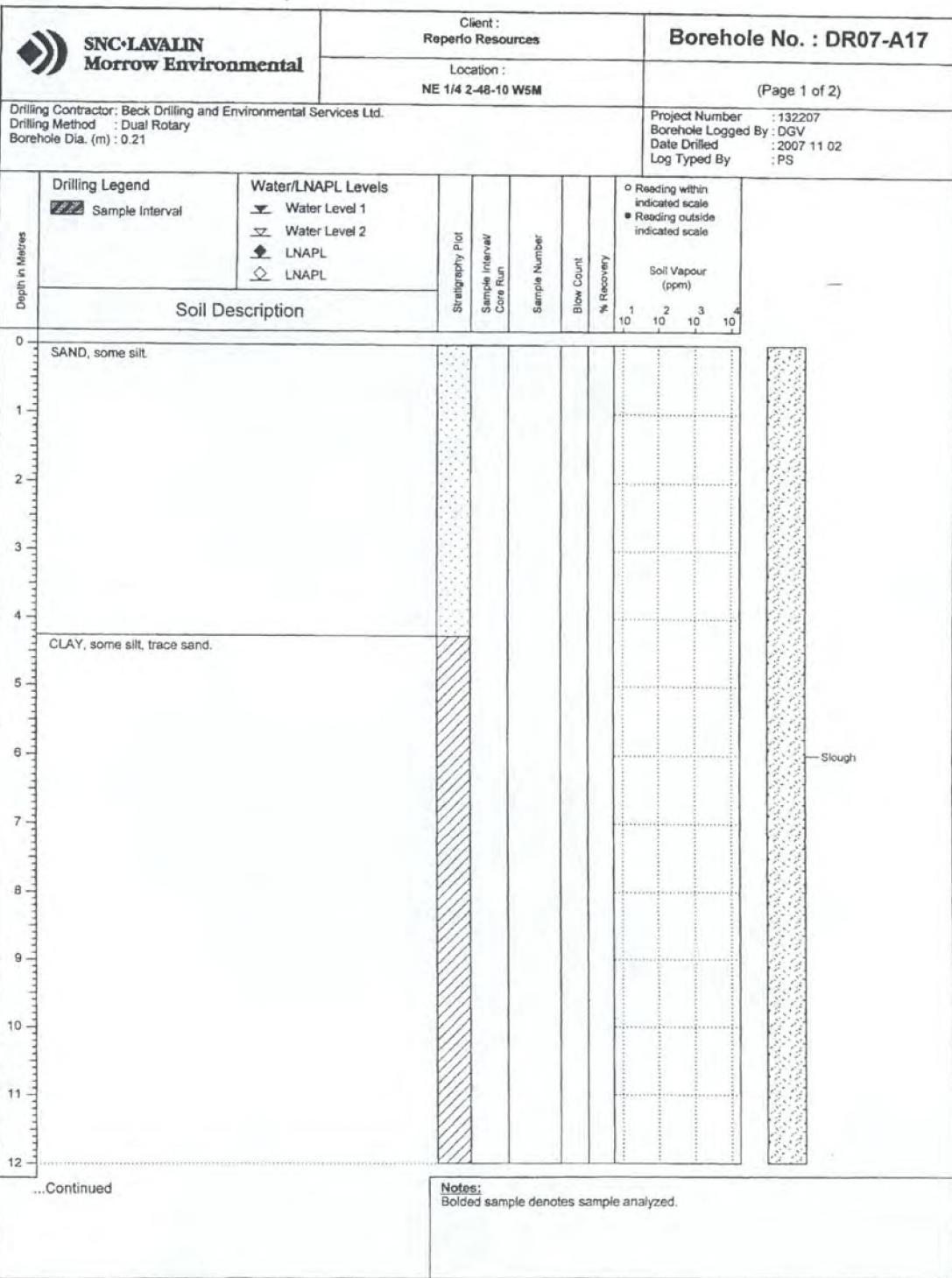
Borehole No. : DR07-A15

(Page 3 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 31
Log Typed By : PS





Print Date: 2008 01 25 Date Approved: 2007 12 21



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

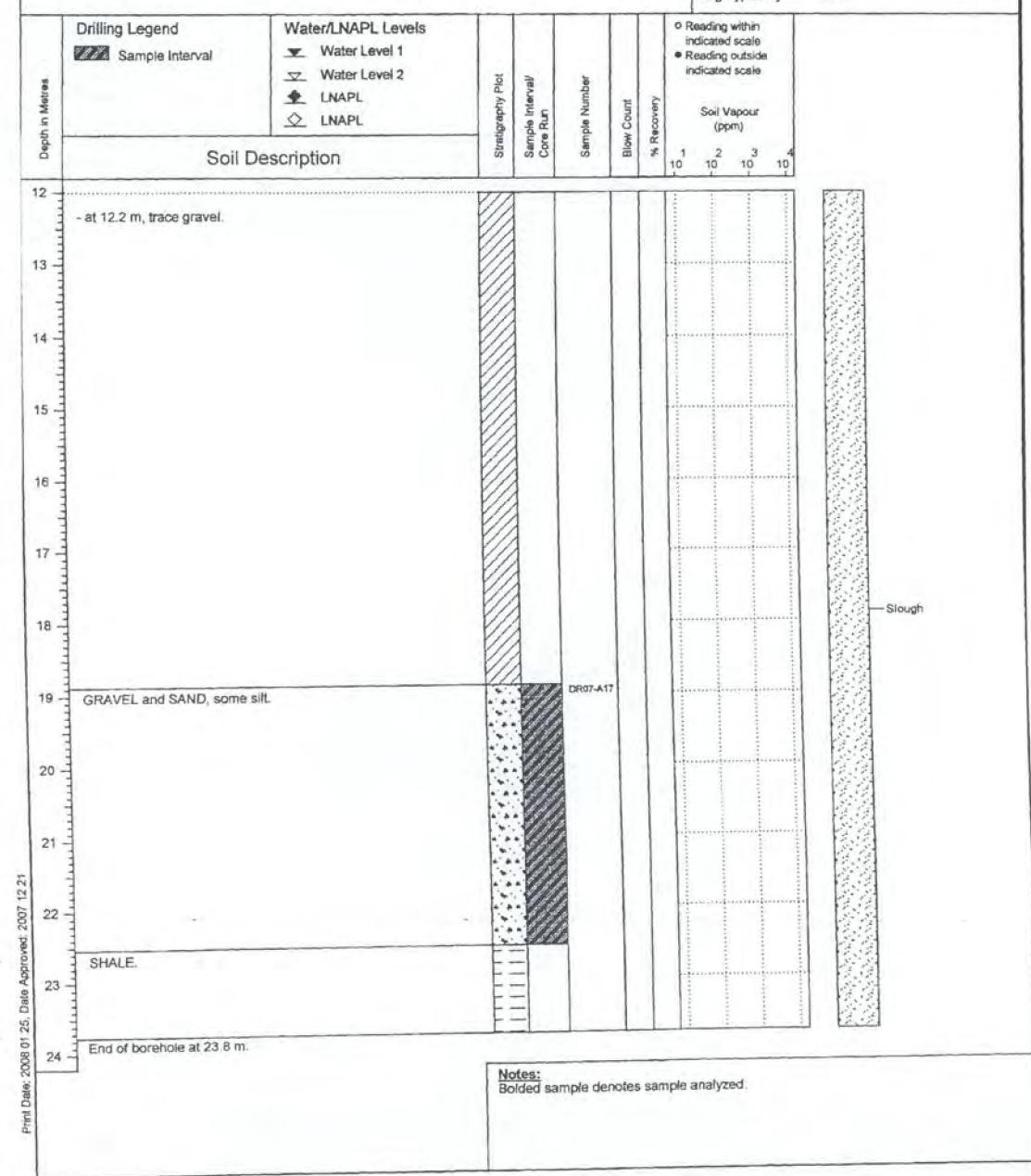
Location:
NE 1/4 2-48-10 W5M

Borehole No. : DR07-A17

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 02
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

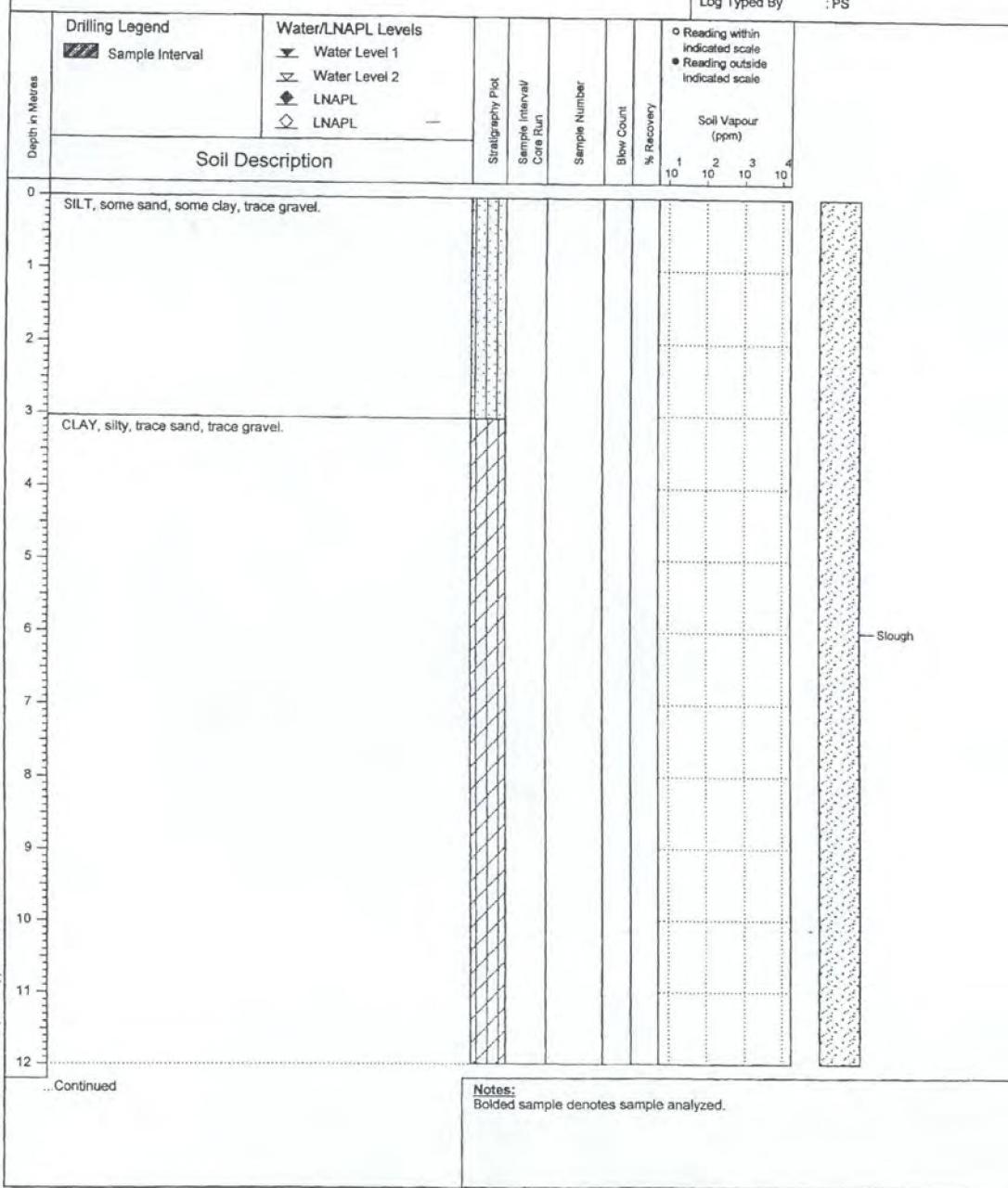
Borehole No. : DR07-A18

Location :
NE 1/4 2-48-10 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 02
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

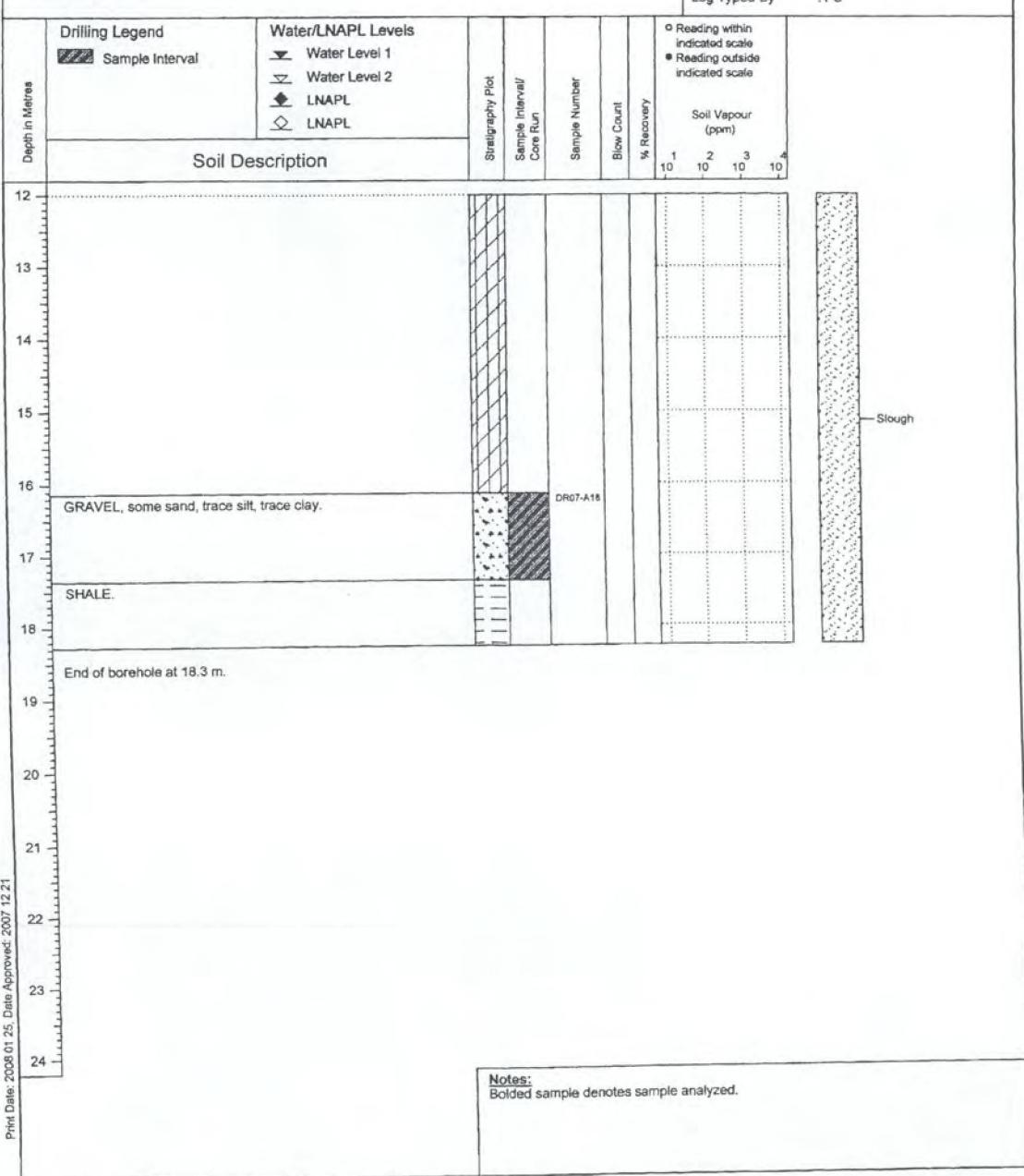
Borehole No. : DR07-A18

Location:
NE 1/4 2-48-10 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 02
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

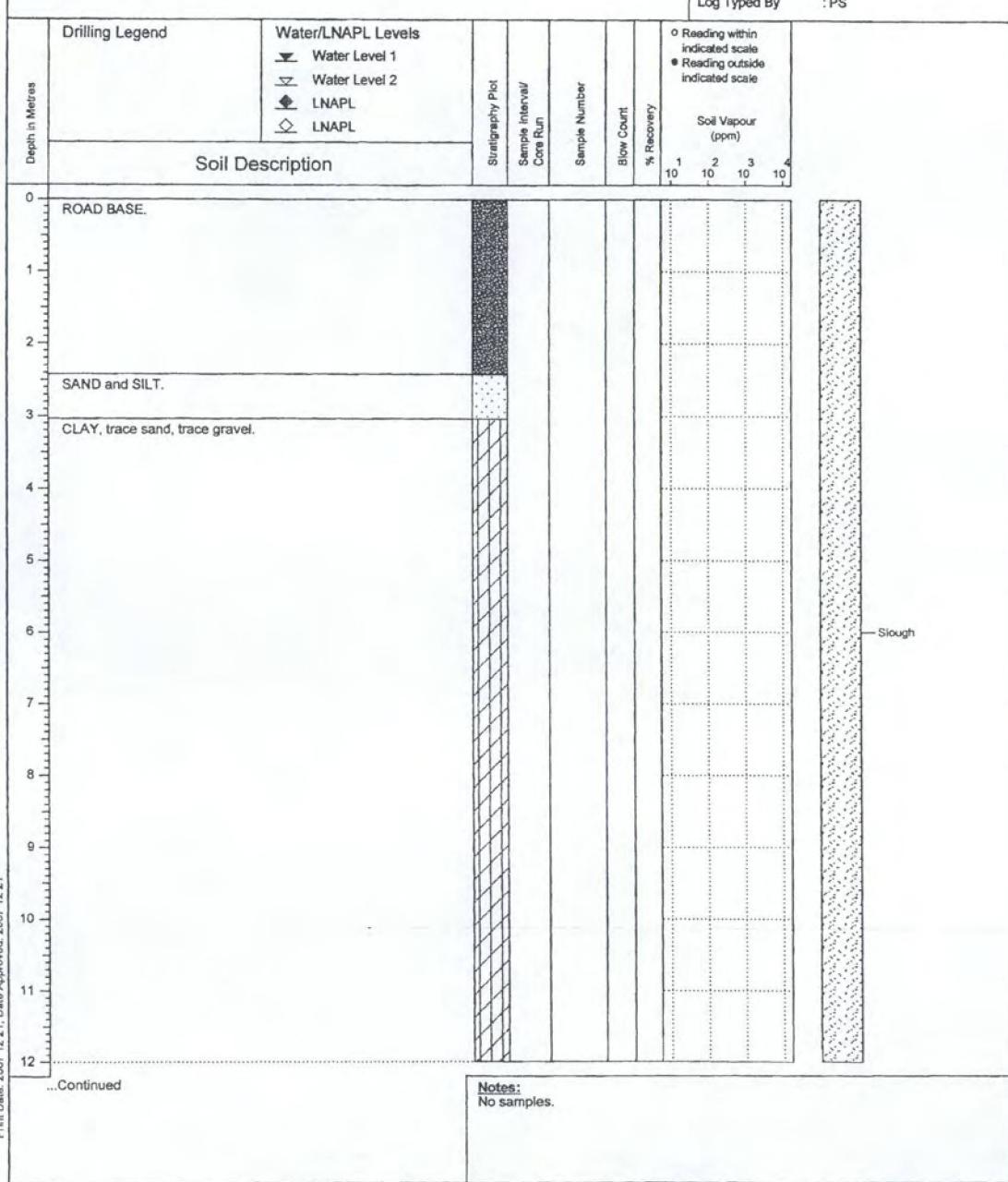
Borehole No. : DR07-A23

Location :
SW 1/4 18-48-9 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 22
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

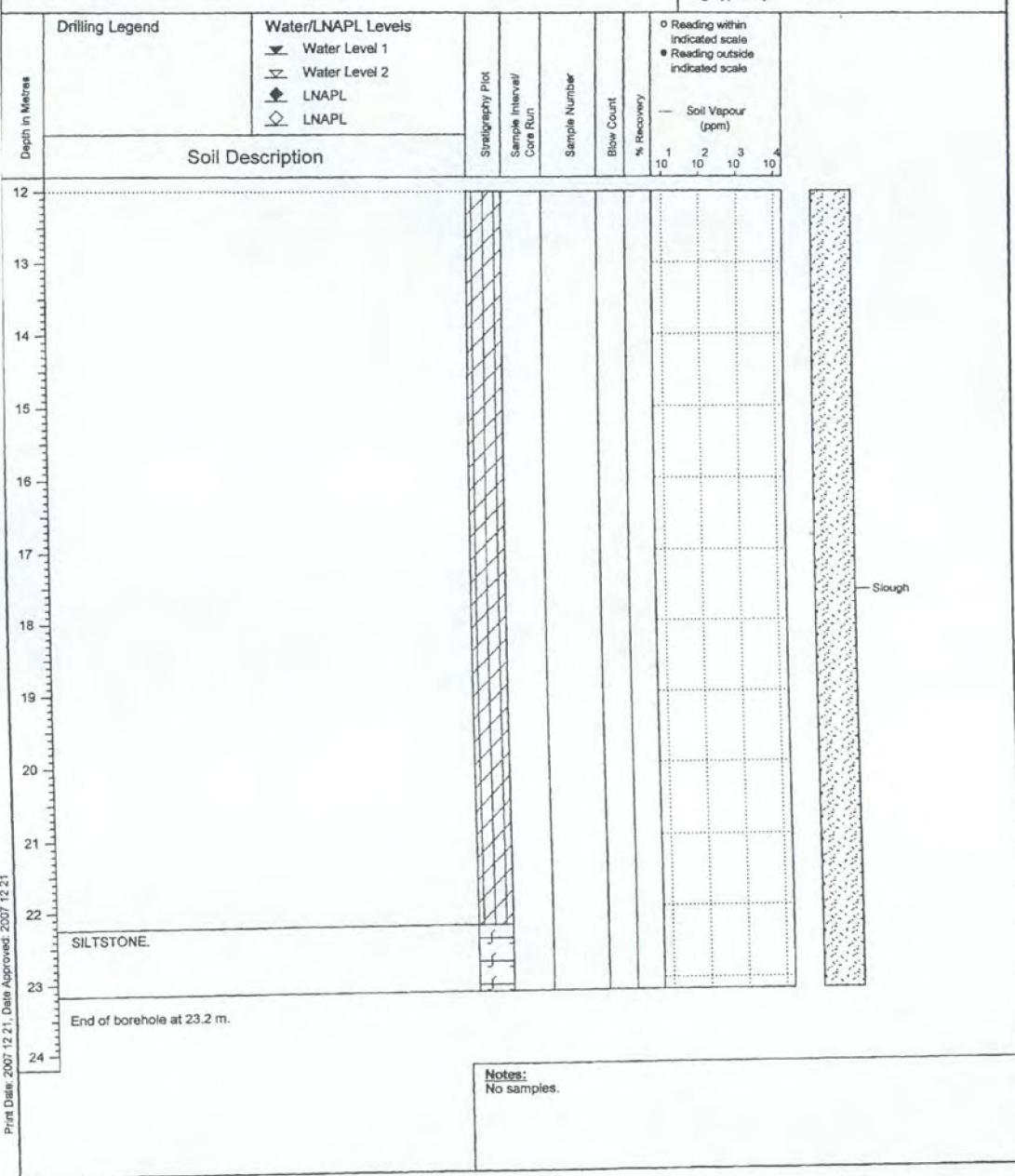
Location:
SW 1/4 18-48-9 W5M

Borehole No. : DR07-A23

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 22
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

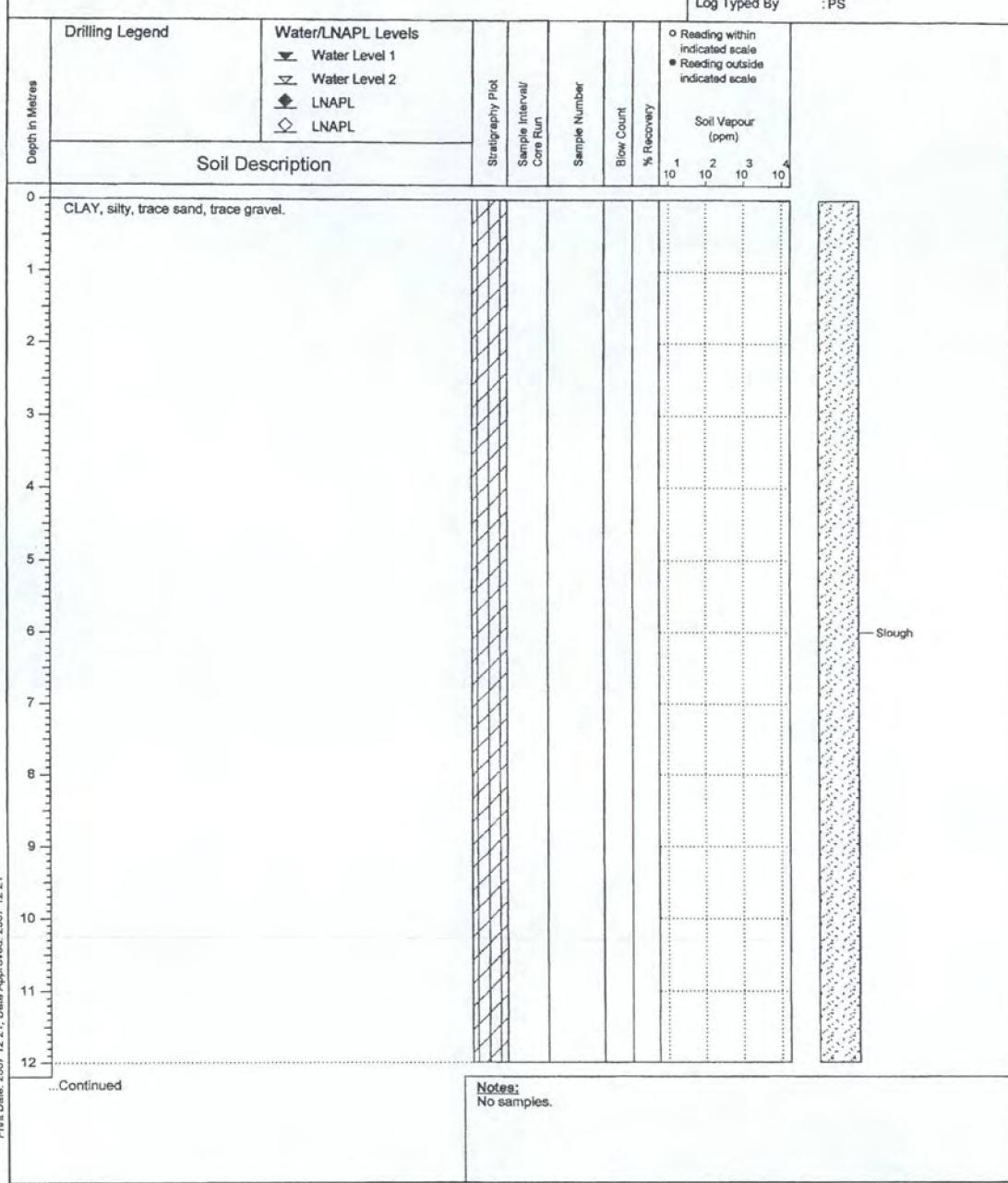
Location :
SE 1/4 13-48-10 W5M

Borehole No. : DR07-A24

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 01
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

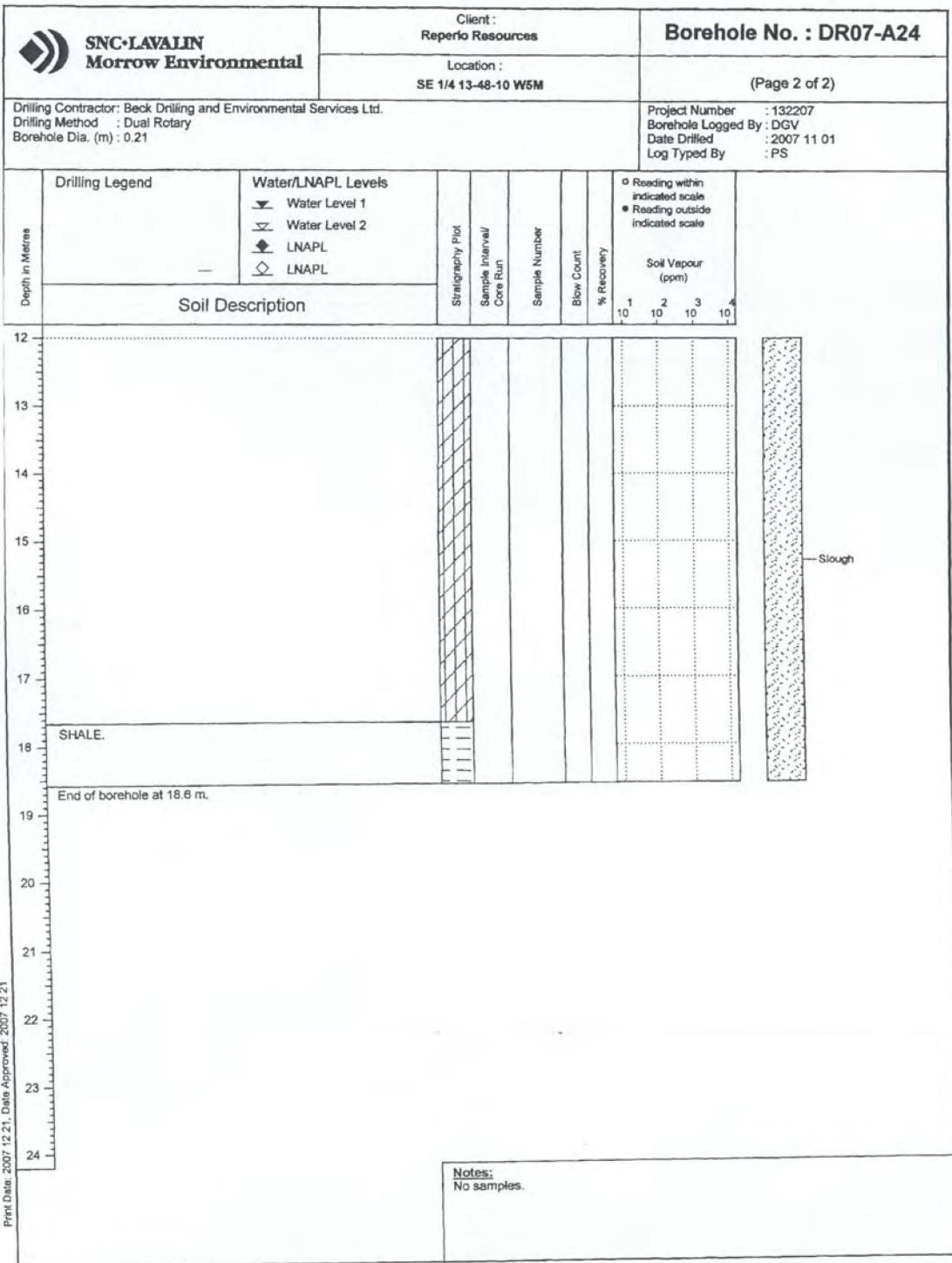
Location :
SE 1/4 13-48-10 W5M

Borehole No. : DR07-A24

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 01
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

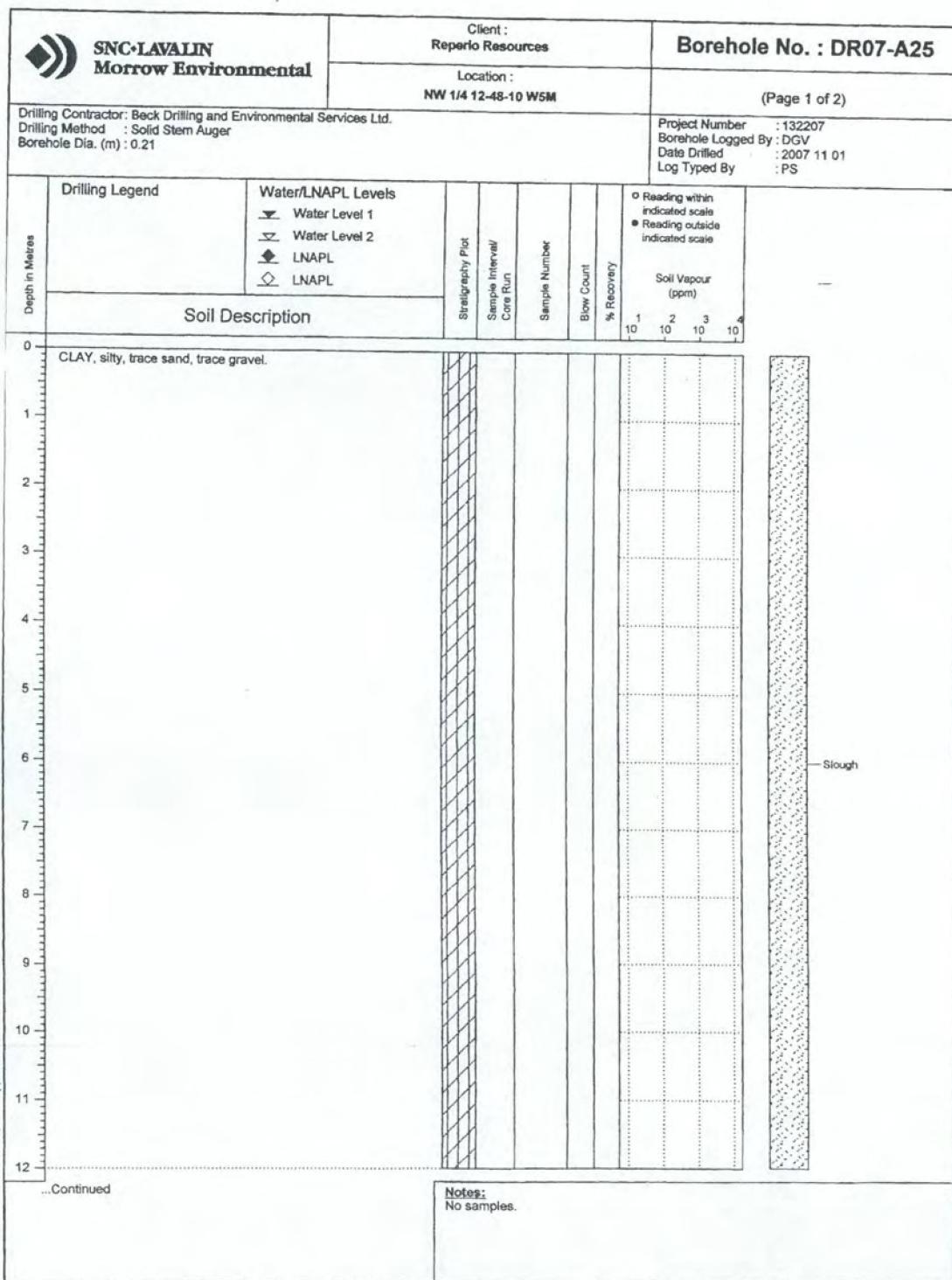
Borehole No. : DR07-A25

Location :
NW 1/4 12-48-10 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Solid Stem Auger
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 01
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

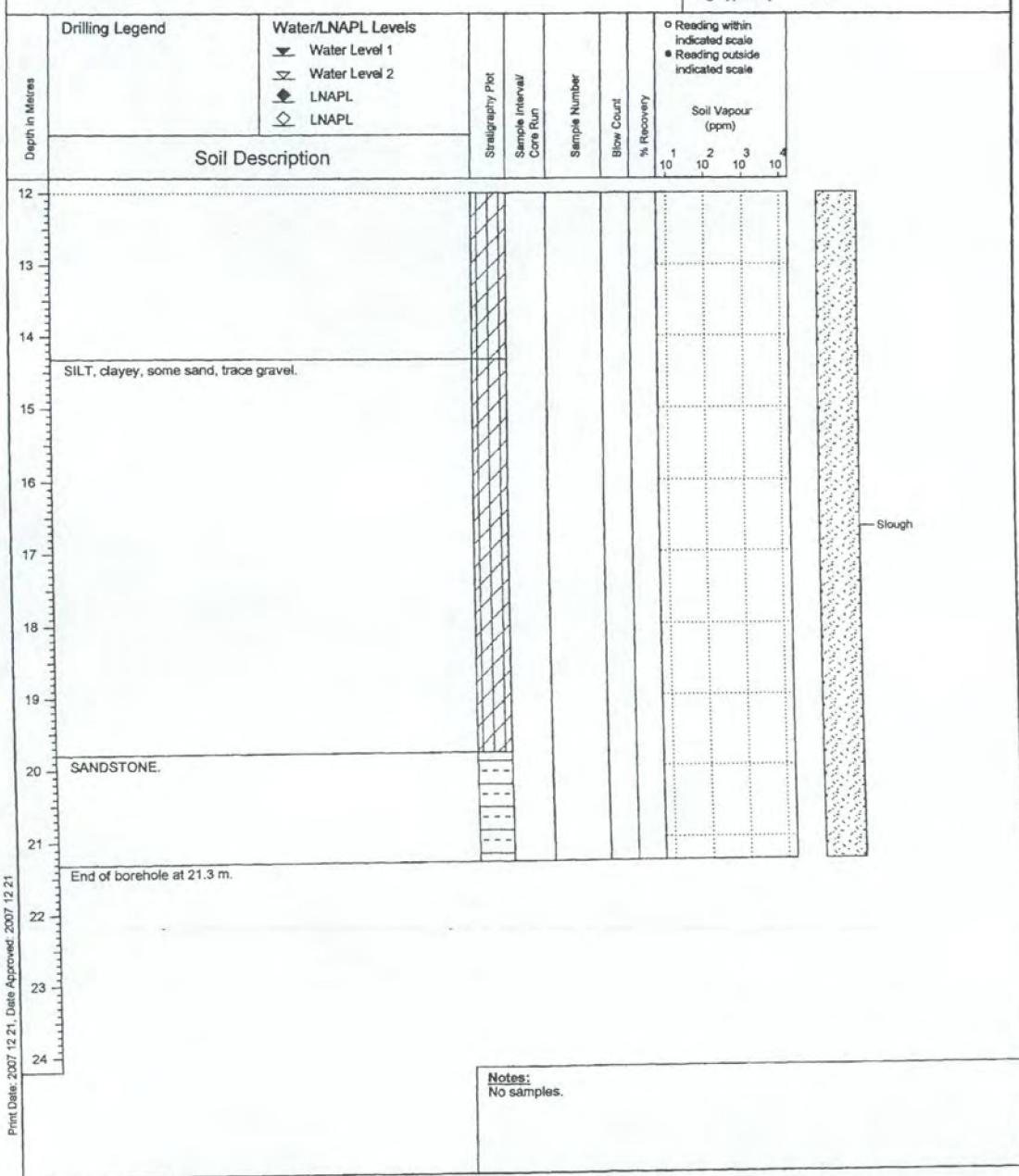
Location:
NW 1/4 12-48-10 W5M

Borehole No. : DR07-A25

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Solid Stem Auger
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 01
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

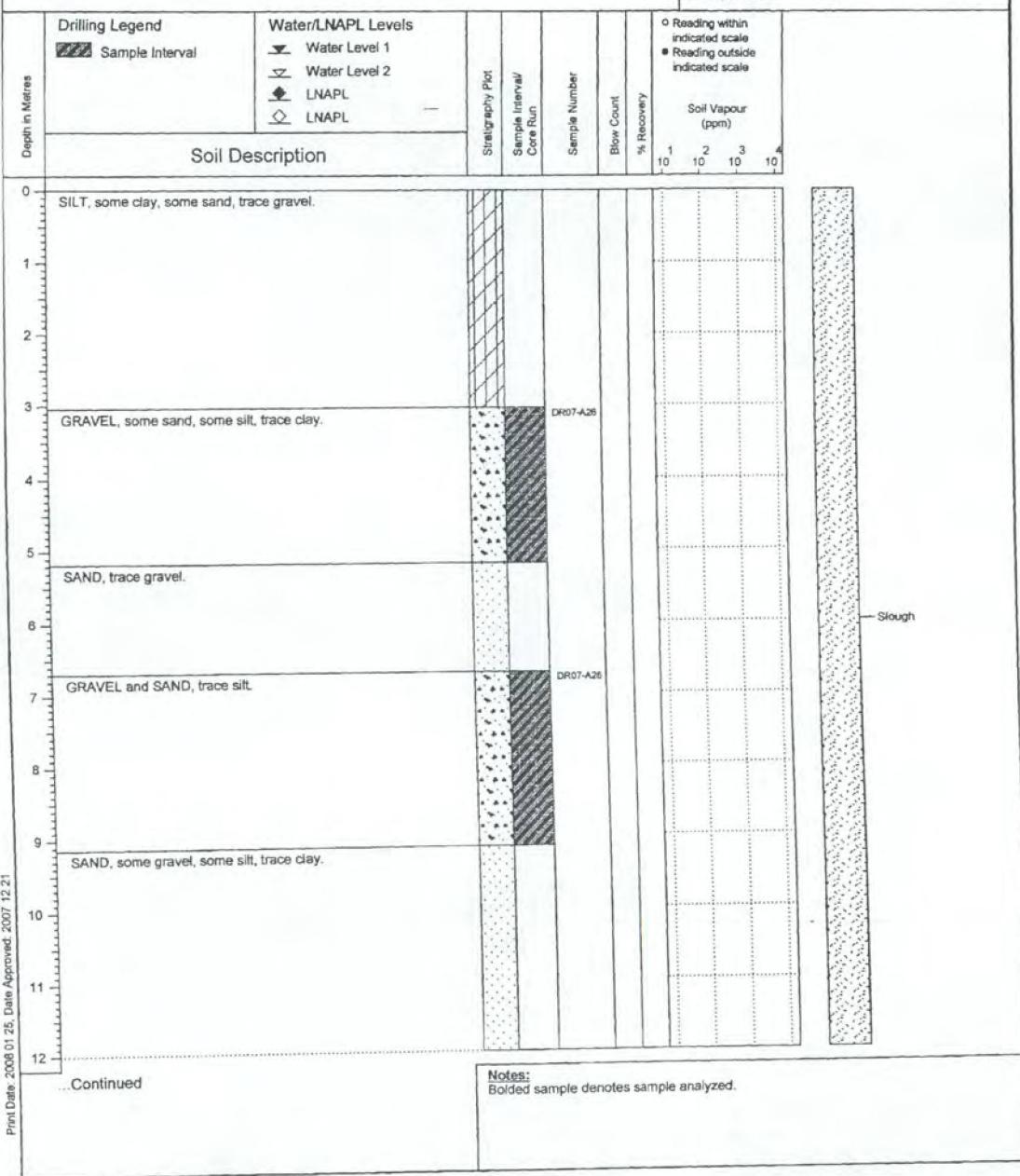
Location :
NE 1/4 11-48-10 W5M

Borehole No. : DR07-A26

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 01
Log Typed By : PS





**SNC-LAVALIN
Morrow Environmental**

Client:
Reperio Resources

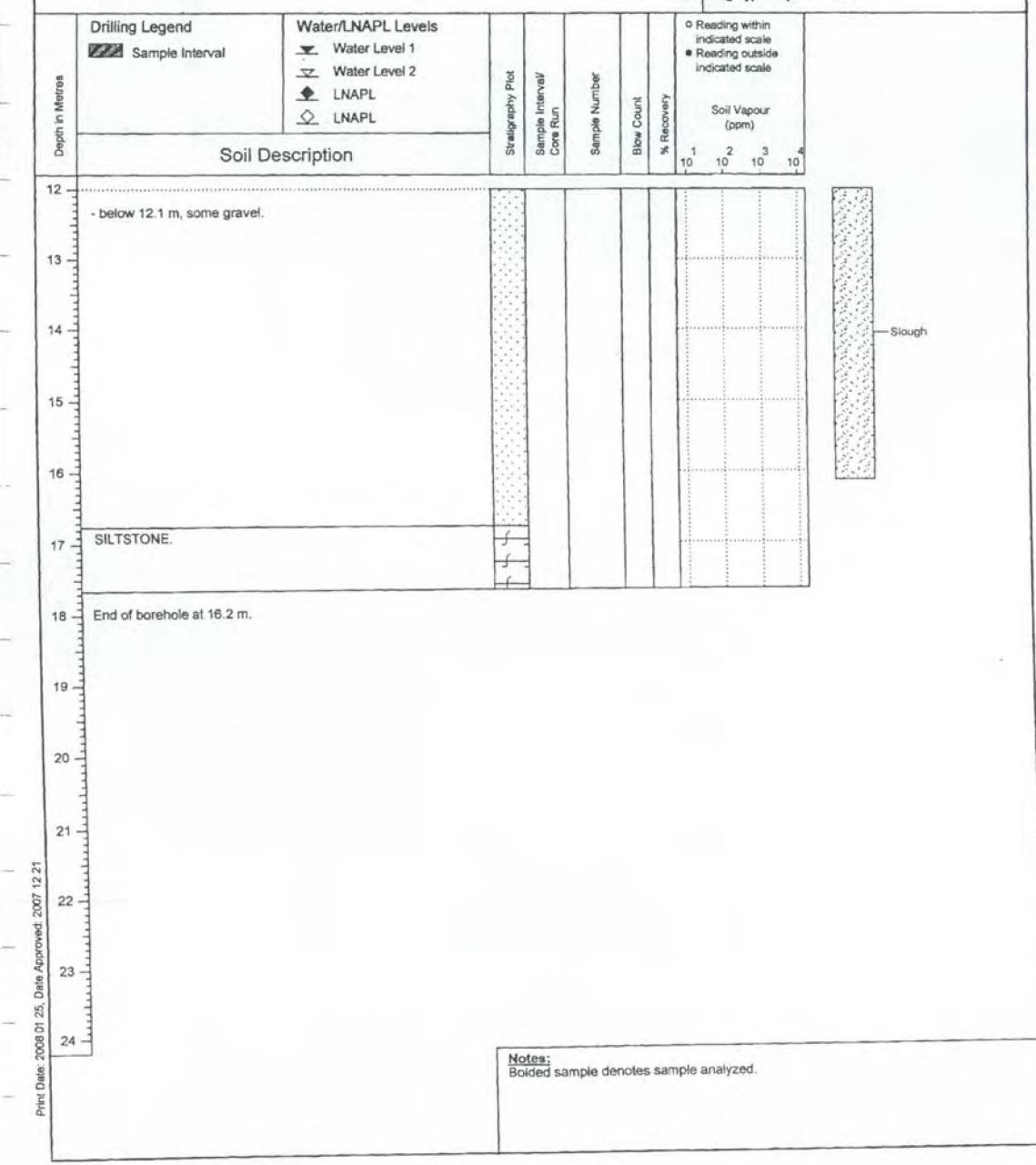
Location:
NE 1/4 11-48-10 W5M

Borehole No. : DR07-A26

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 01
Log Typed By : PS





**SNC-LAVALIN
Morrow Environmental**

Client:
Reperio Resources

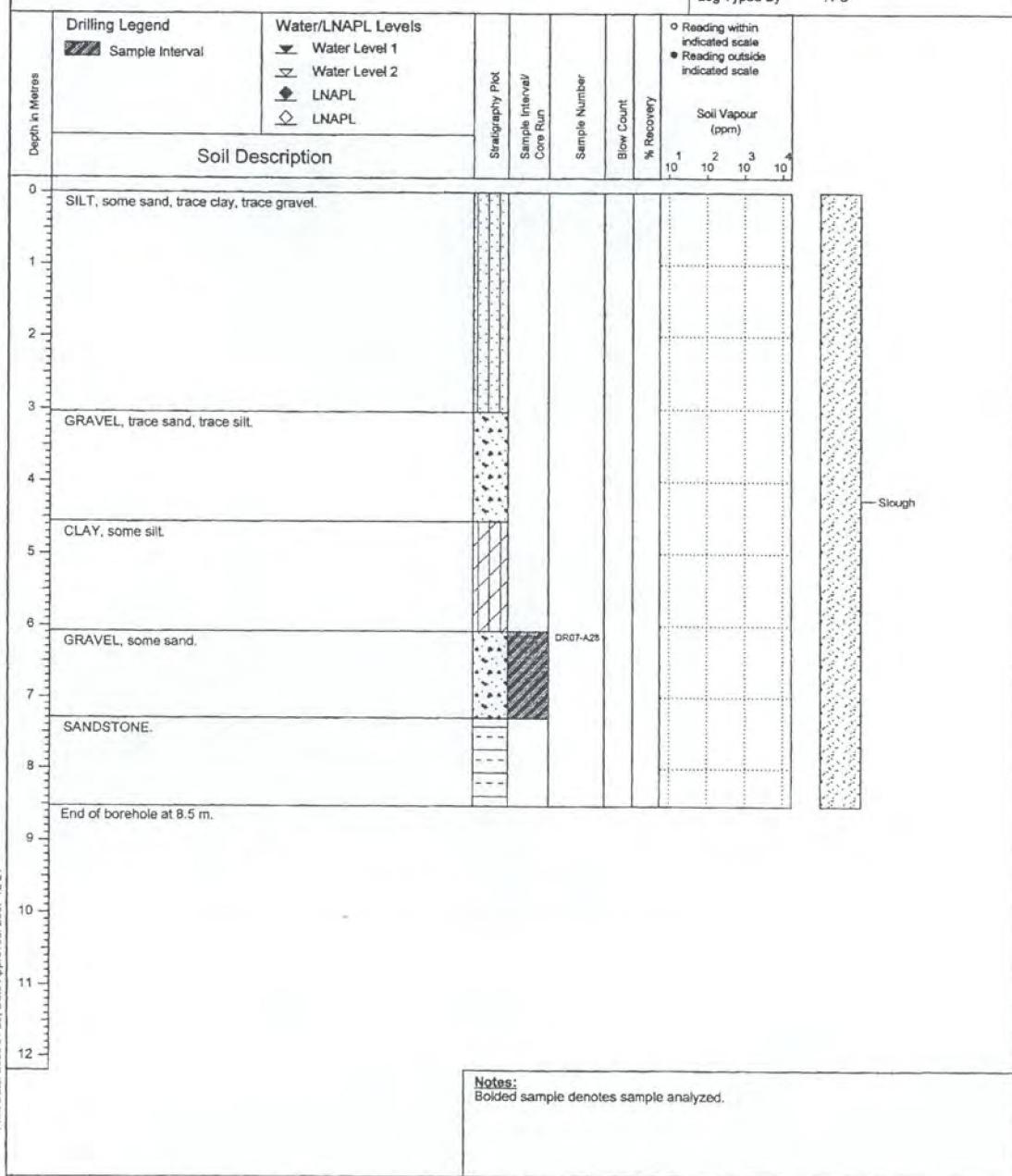
Location:
SW 1/4 7-48-10 W5M

Borehole No. : DR07-A28

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 21
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

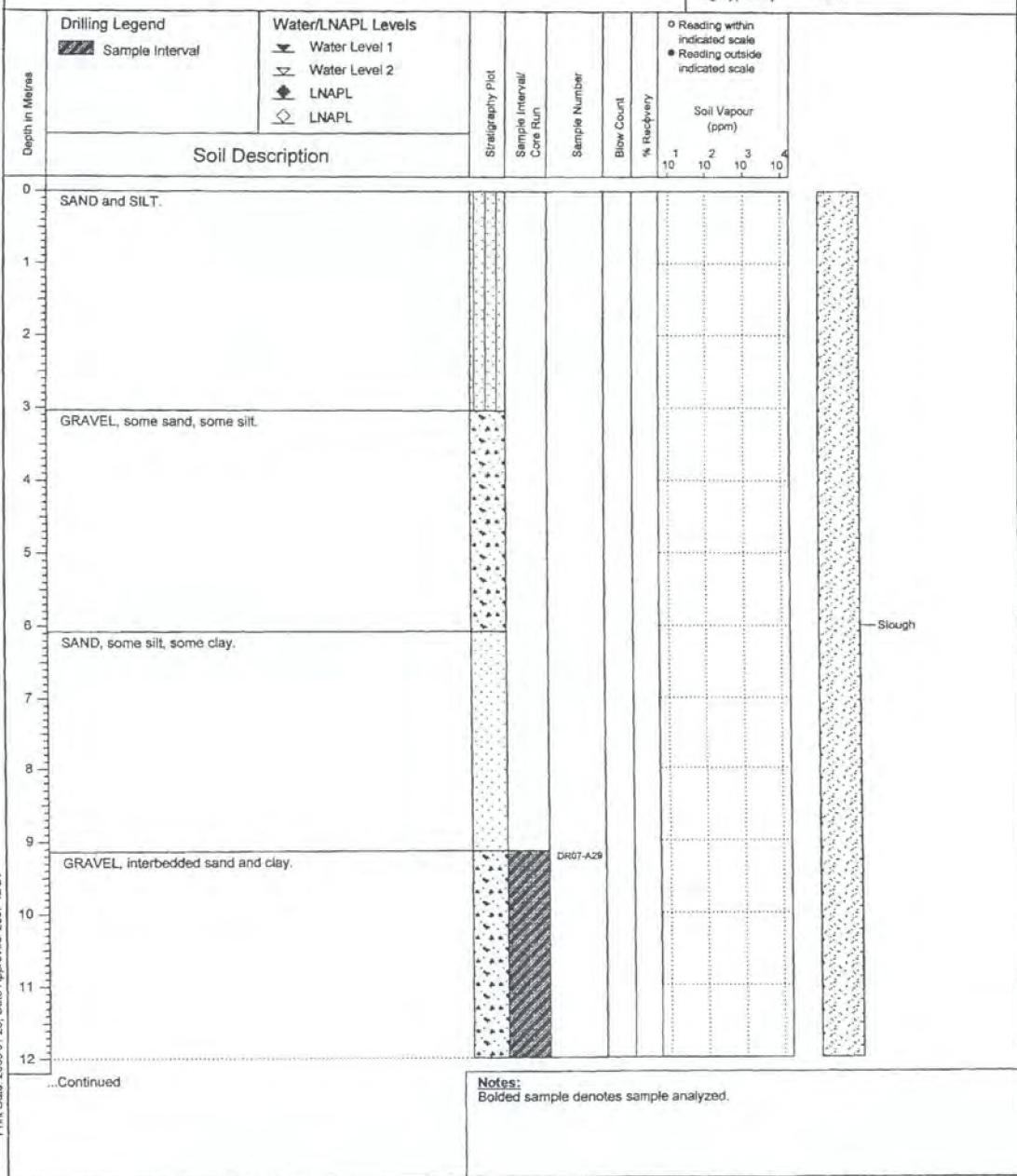
Location:
SW 1/4 7-48-10 W5M

Borehole No. : DR07-A29

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 21
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

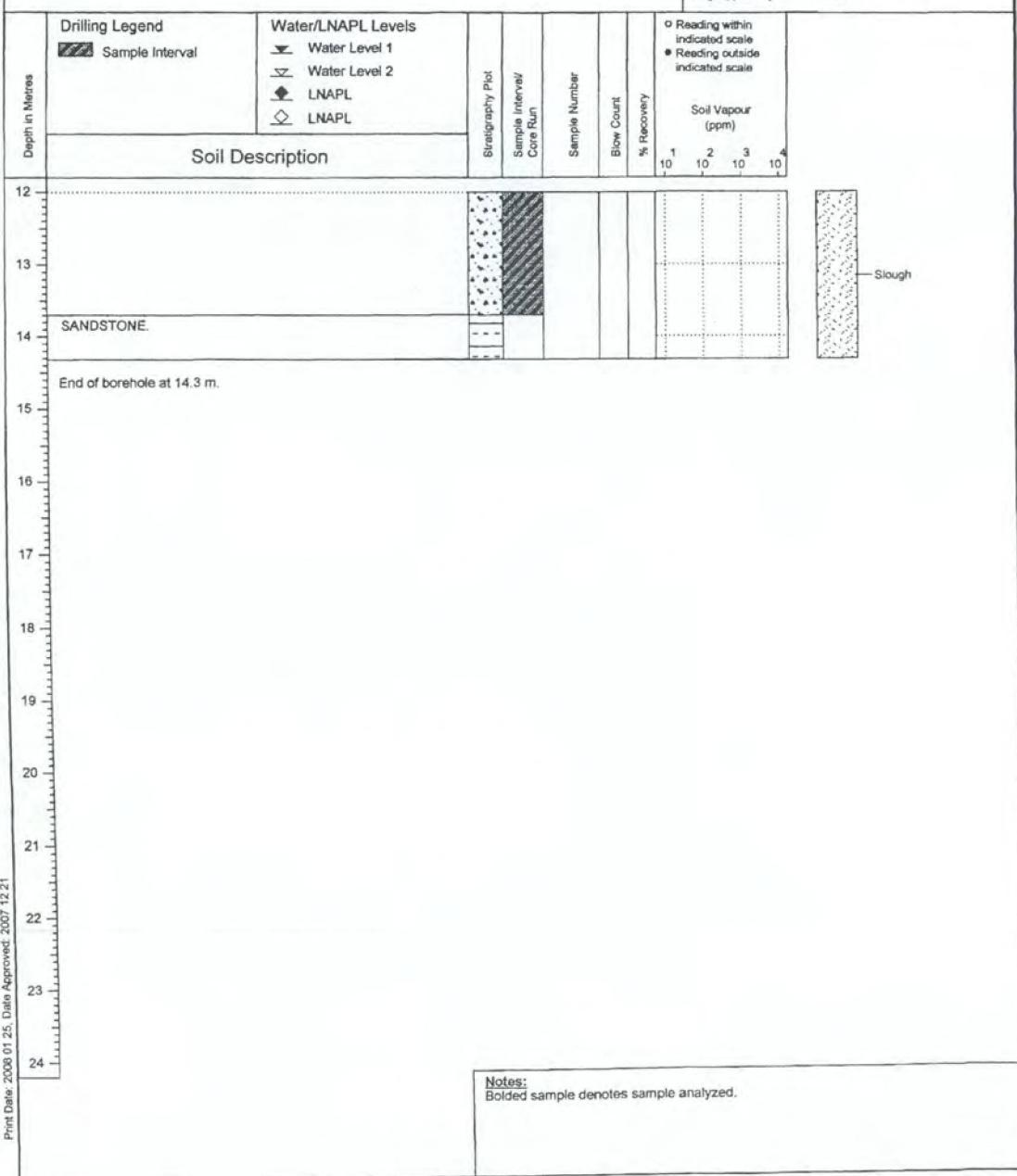
Location :
SW 1/4 7-48-10 W5M

Borehole No. : DR07-A29

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 21
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

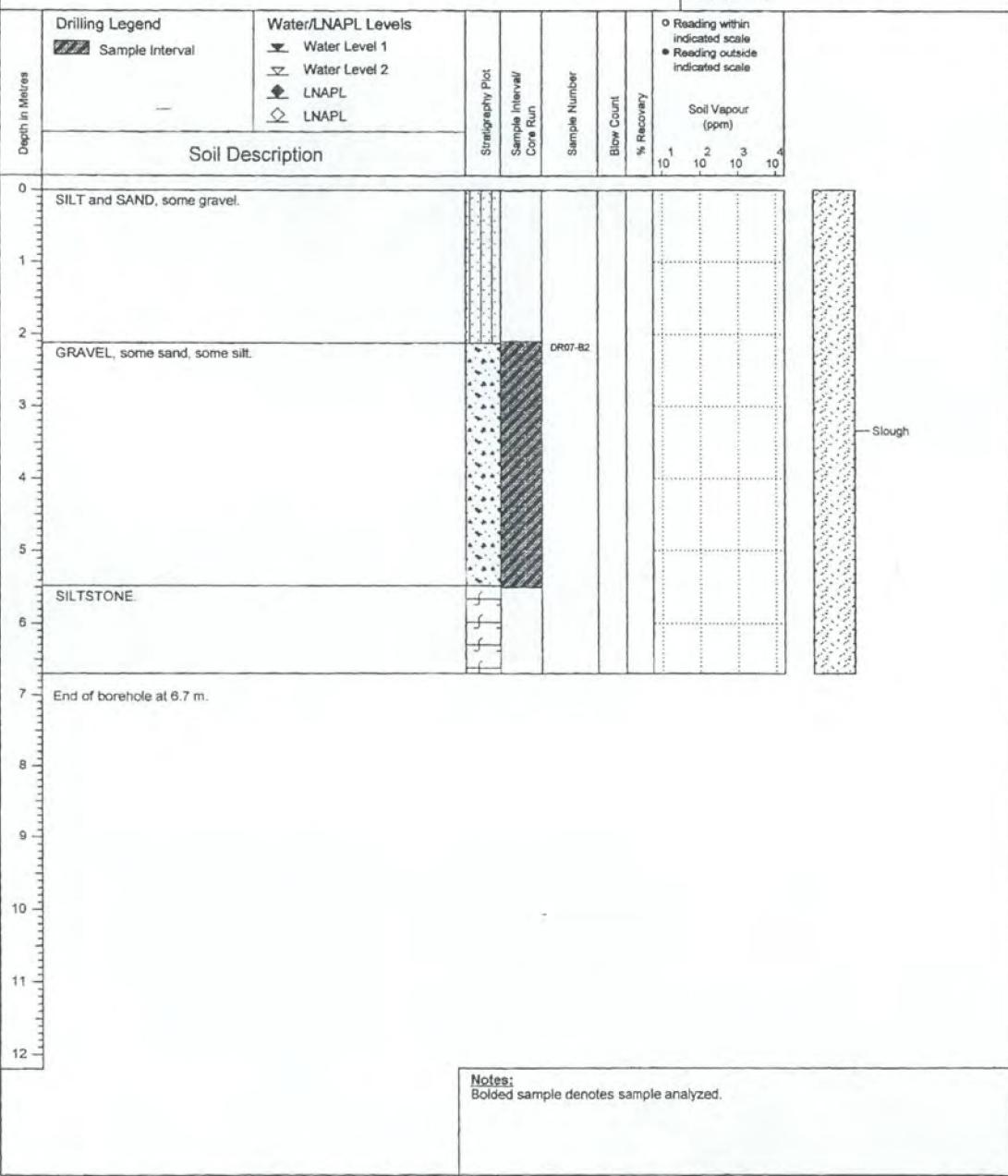
Location :
SE 1/4 17-48-12 W5M

Borehole No. : DR07-B2

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 19
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

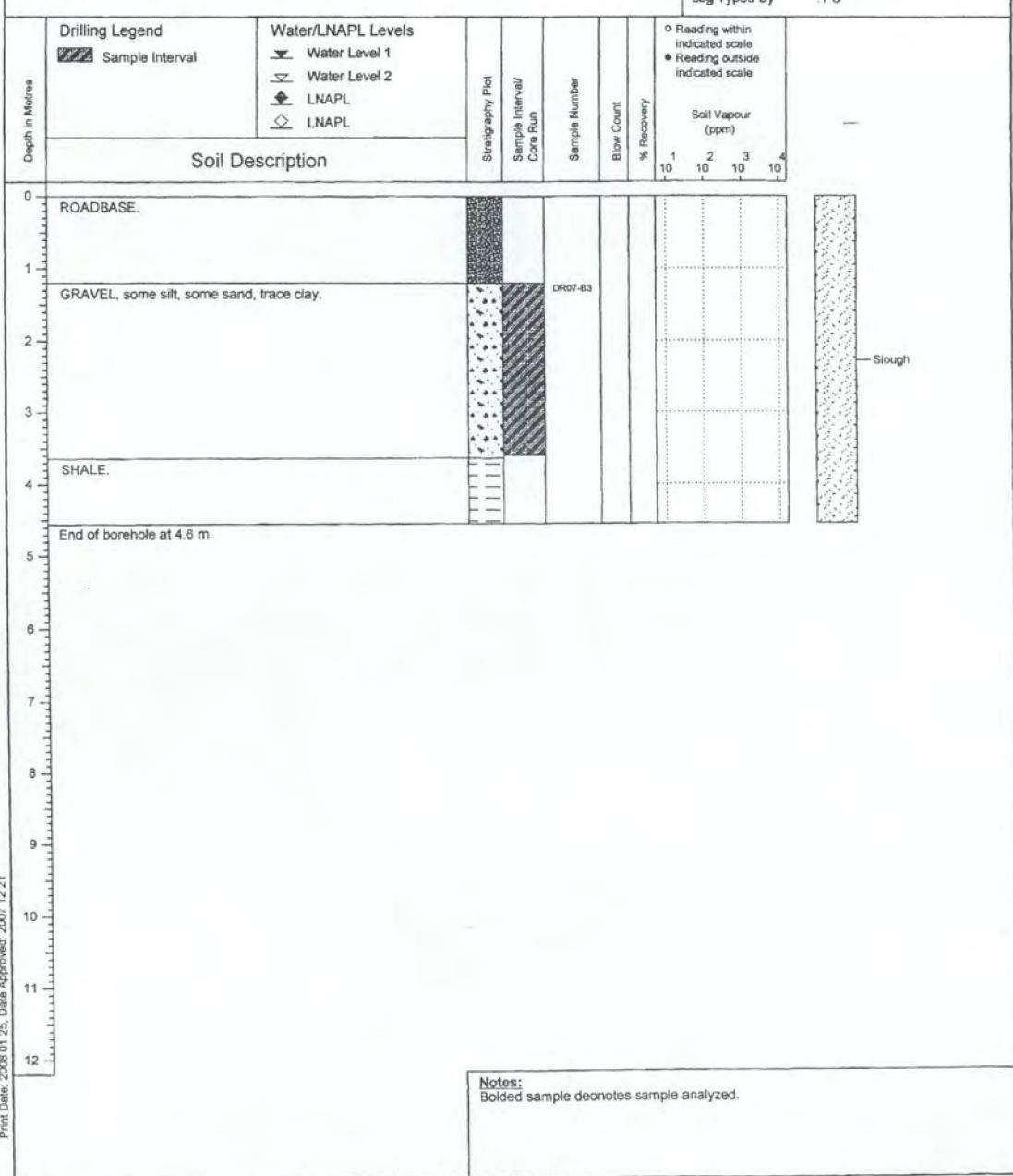
Borehole No. : DR07-B3

Location :
NW 1/4 17-48-12 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 19
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

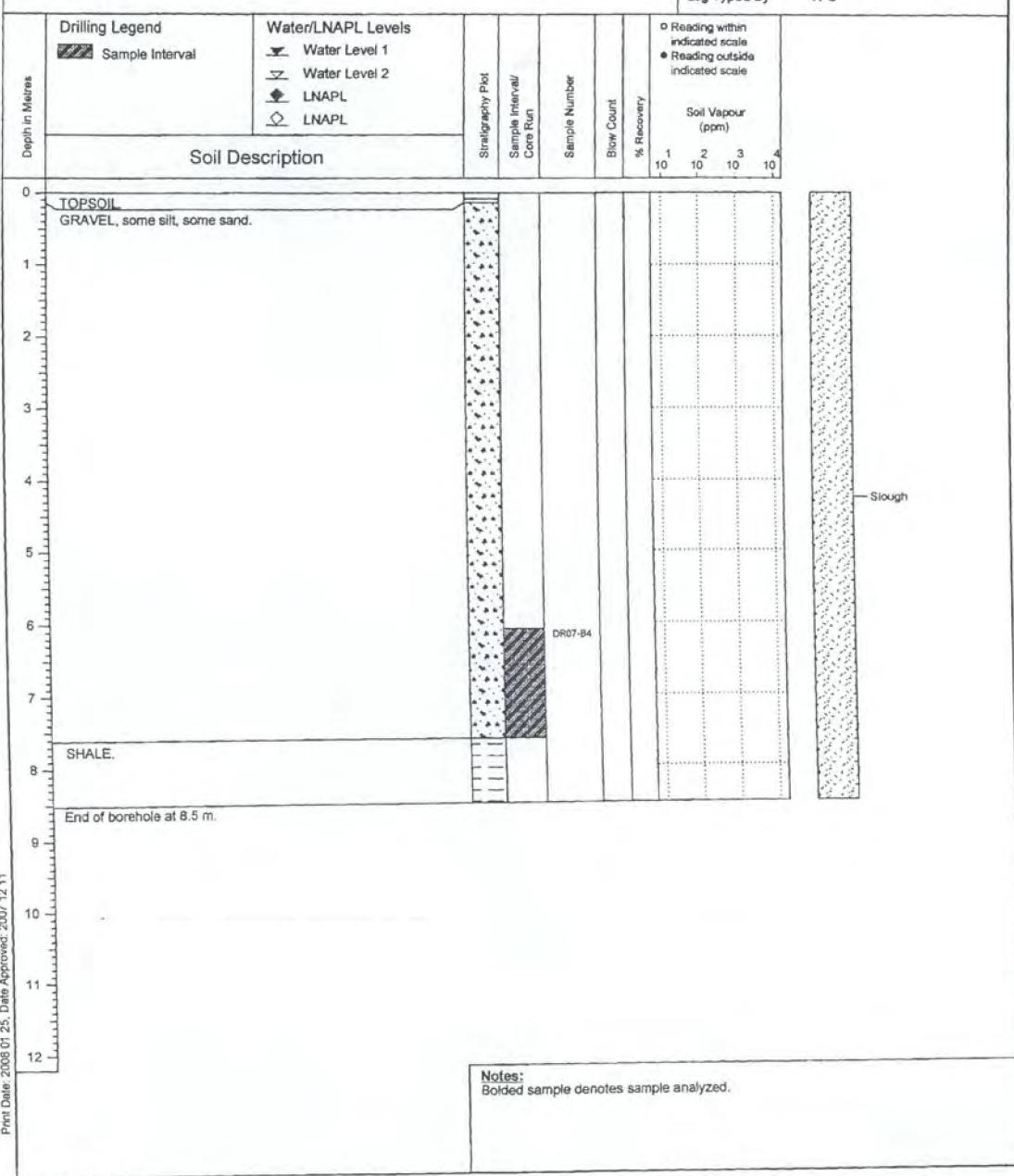
Borehole No. : DR07-B4

Location:
NE 1/4 24-48-14 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 14
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

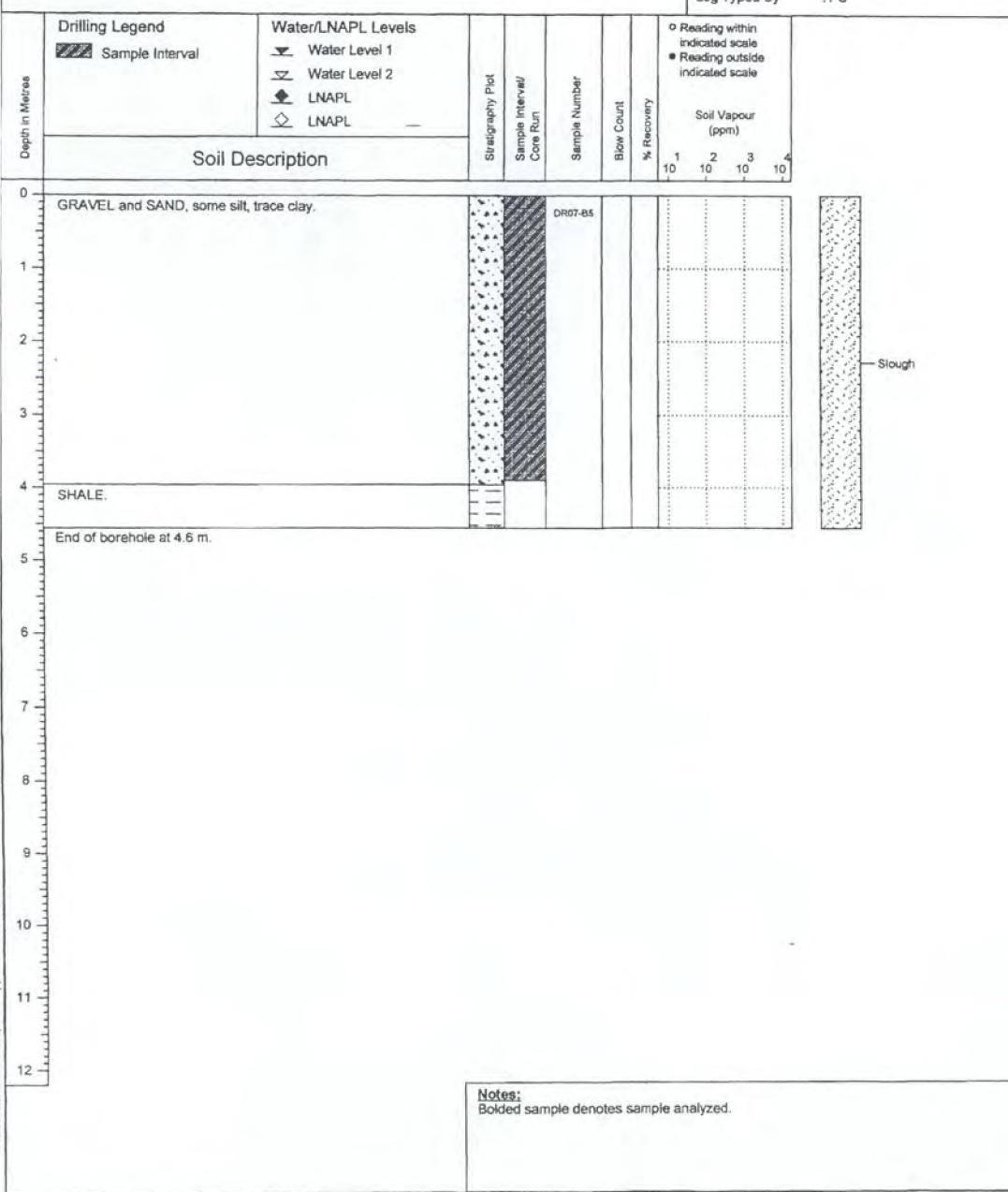
Borehole No. : DR07-B5

Location:
NE 1/4 17-48-16 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 18
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

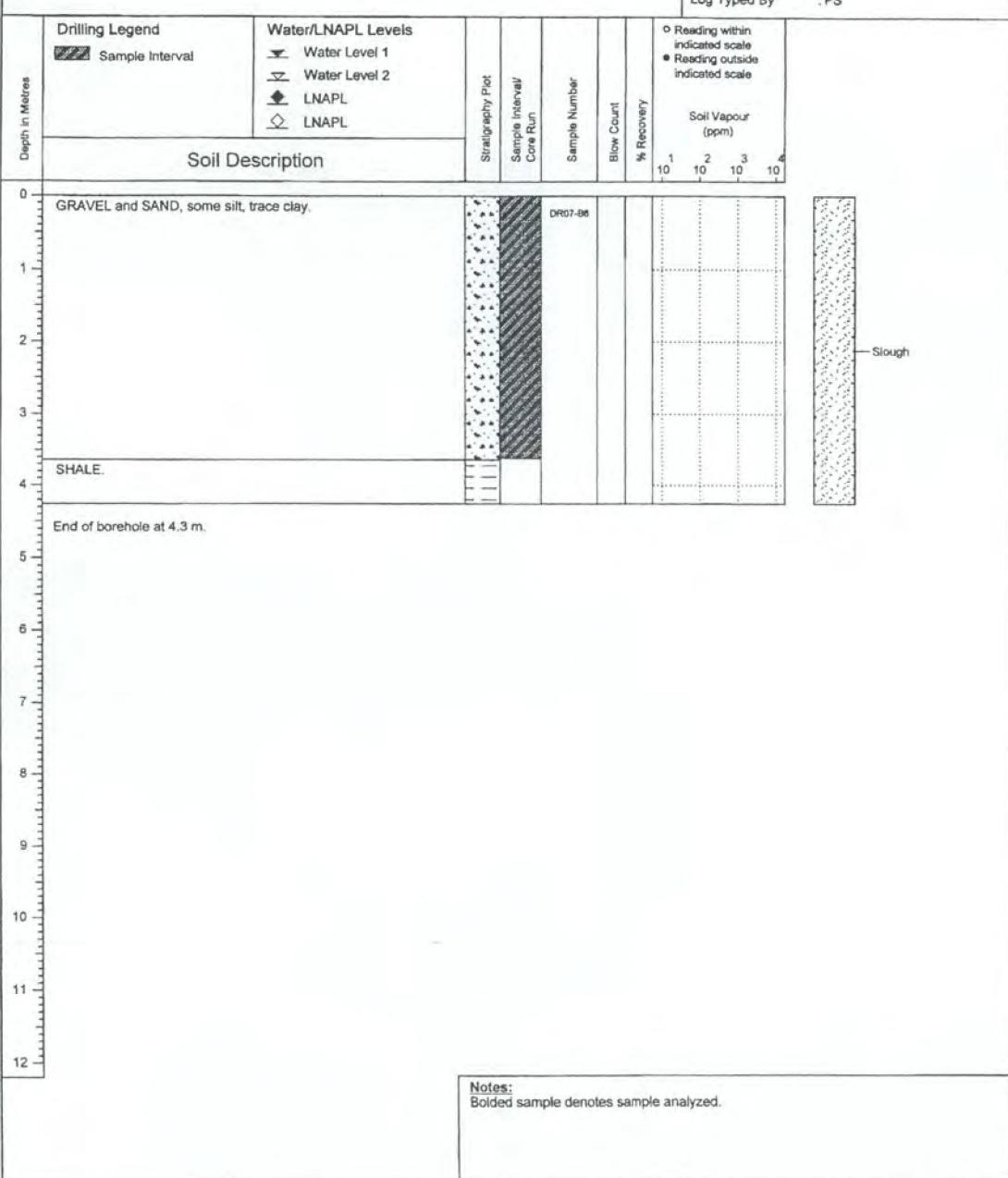
Borehole No. : DR07-B6

Location:
NW 1/4 17-48-16 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 18
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperfo Resources

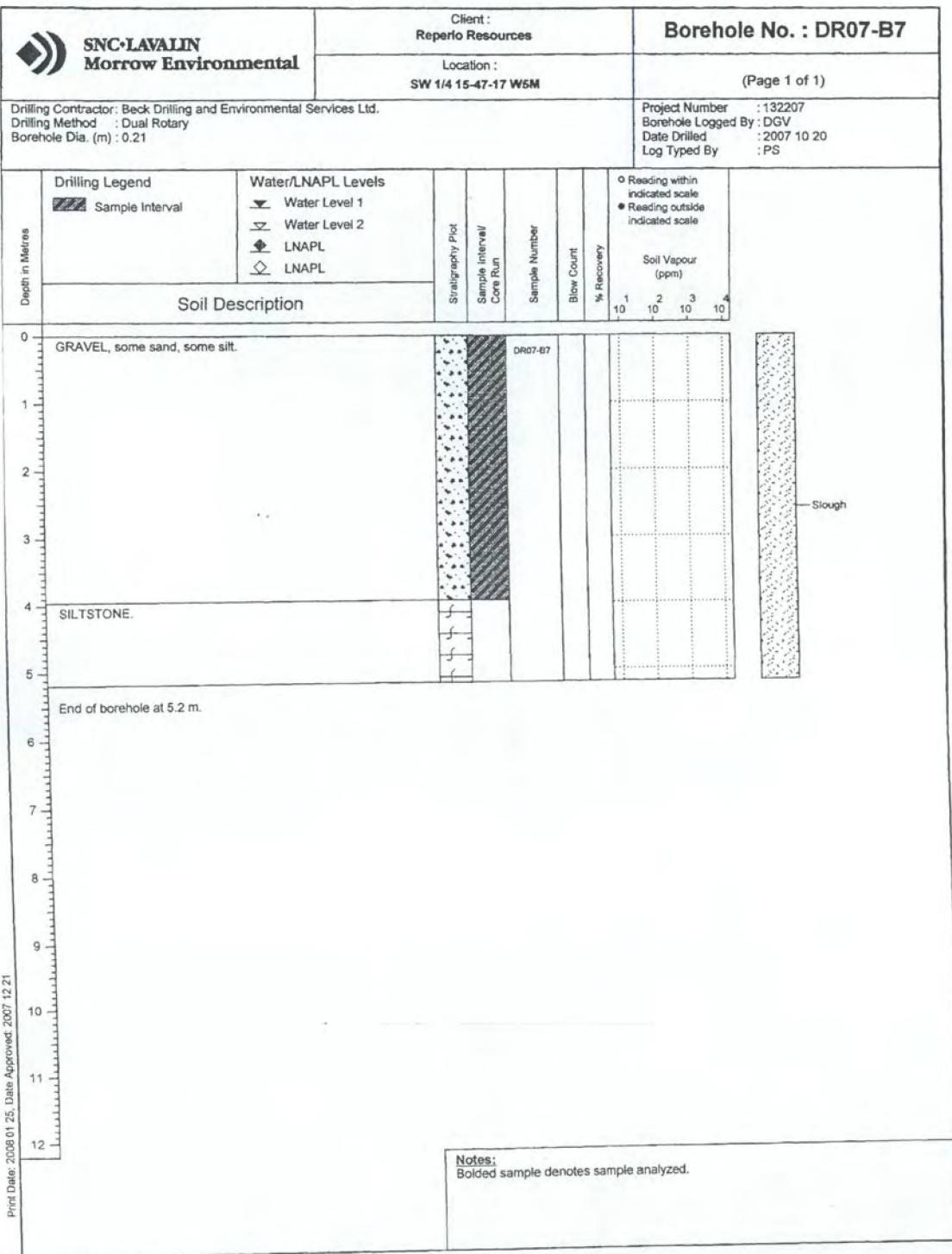
Borehole No. : DR07-B7

Location:
SW 1/4 15-47-17 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 20
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Borehole No. : DR07-B8

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Location :

(Page 1 of 1)

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 20
Log Typed By : PS



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

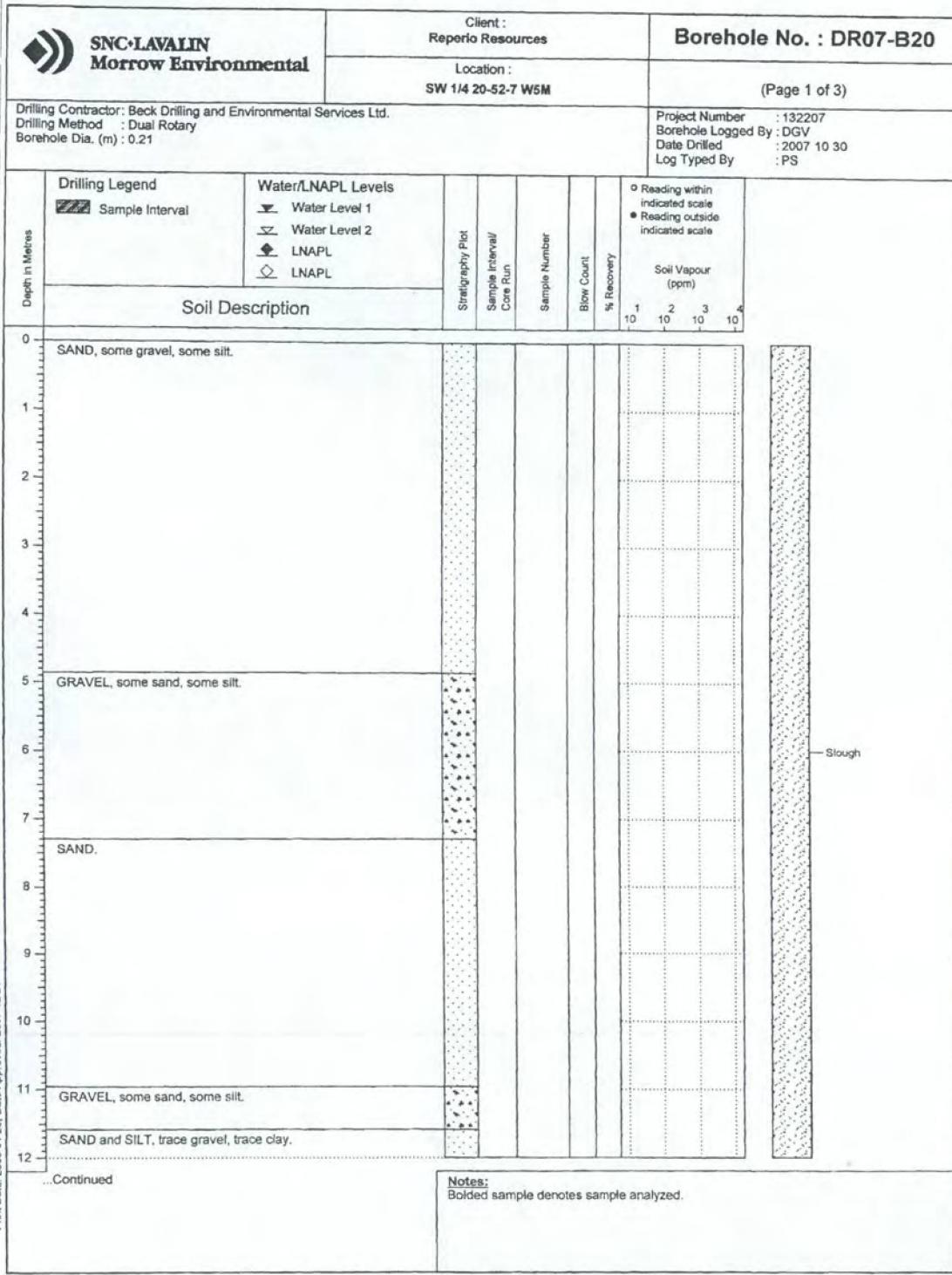
Borehole No. : DR07-B20

Location:
SW 1/4 20-52-7 W5M

(Page 1 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 30
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

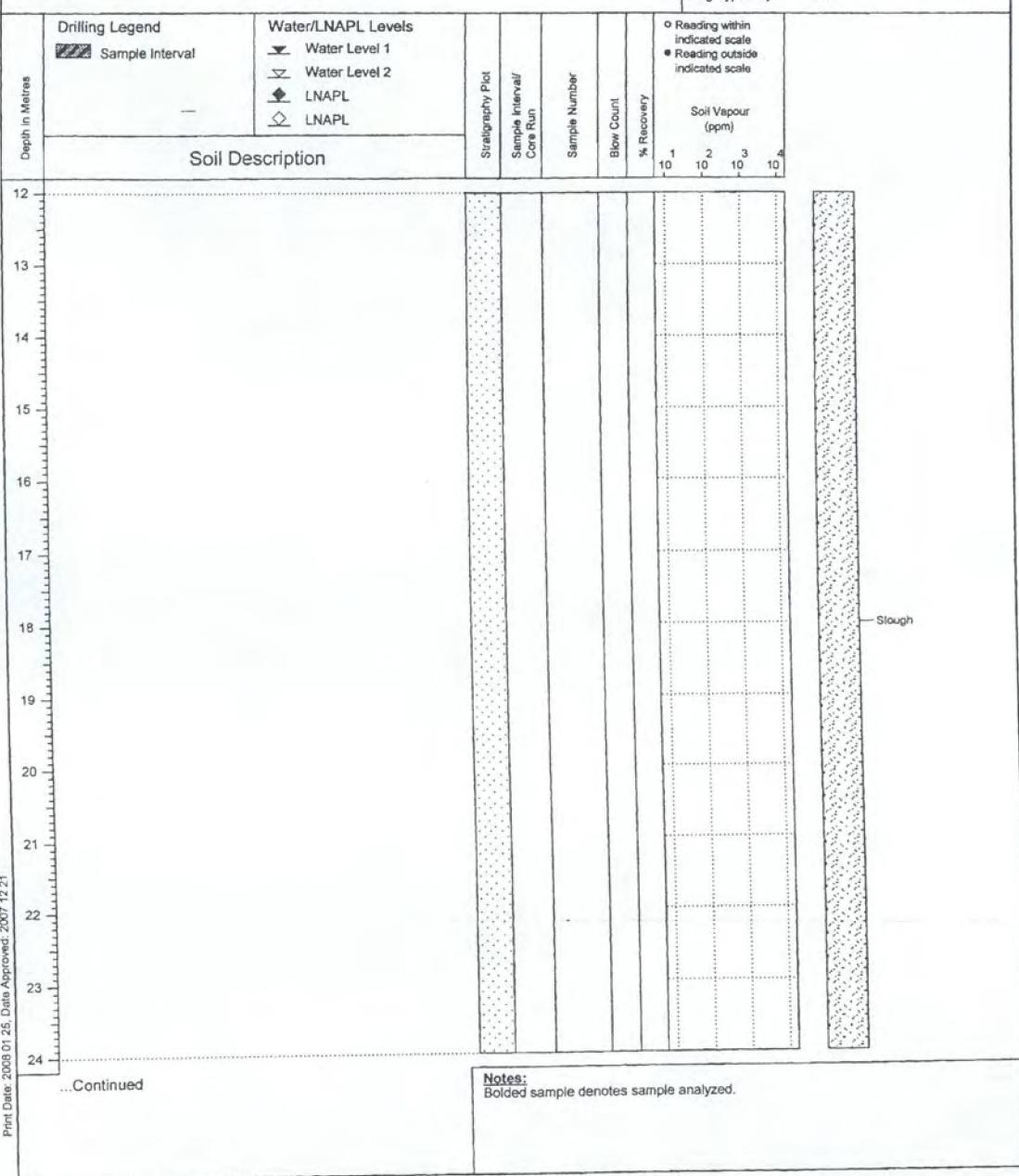
Location:
SW 1/4 20-52-7 W5M

Borehole No. : DR07-B20

(Page 2 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 30
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

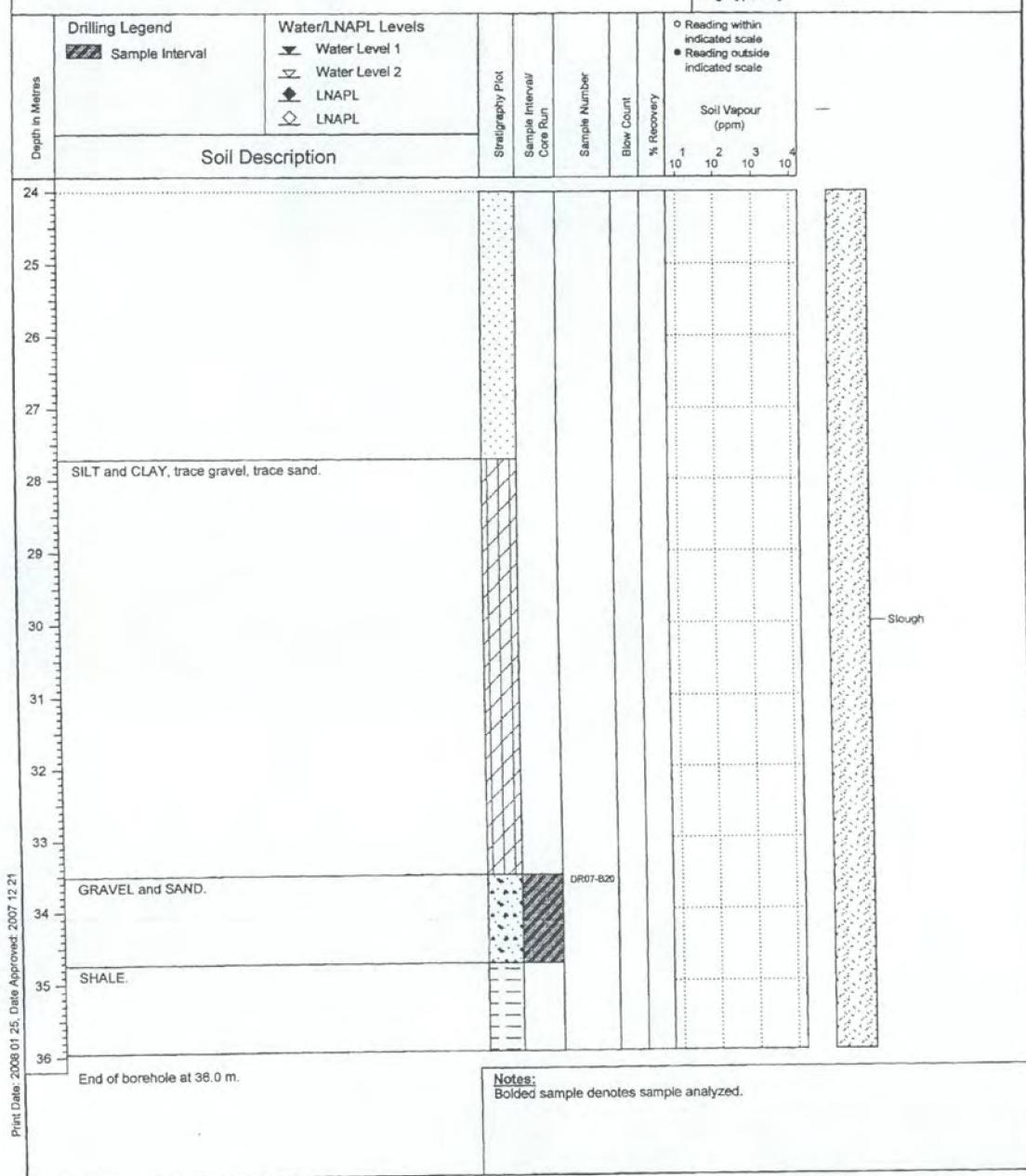
Location:
SW 1/4 20-52-7 W5M

Borehole No. : DR07-B20

(Page 3 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 30
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Borehole No. : DR07-B22

Location :
NE 1/4 16-51-8 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 03
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels ▼ Water Level 1 ▲ Water Level 2 ◆ LNAPL ◇ LNAPL | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | | | |
|-----------------|-----------------|--|-------------------|------------------------------|---------------|------------|------------|----------------------|----|----|----|
| | | | | | | | | 10 | 10 | 10 | 3 |
| | | | | | | | | | | | 10 |
| 0 | | CLAY, silty, trace sand, trace gravel. | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |

...Continued

Notes:
No samples.

Slough



**SNC-LAVALIN
Morrow Environmental**

Client :
Reperio Resources

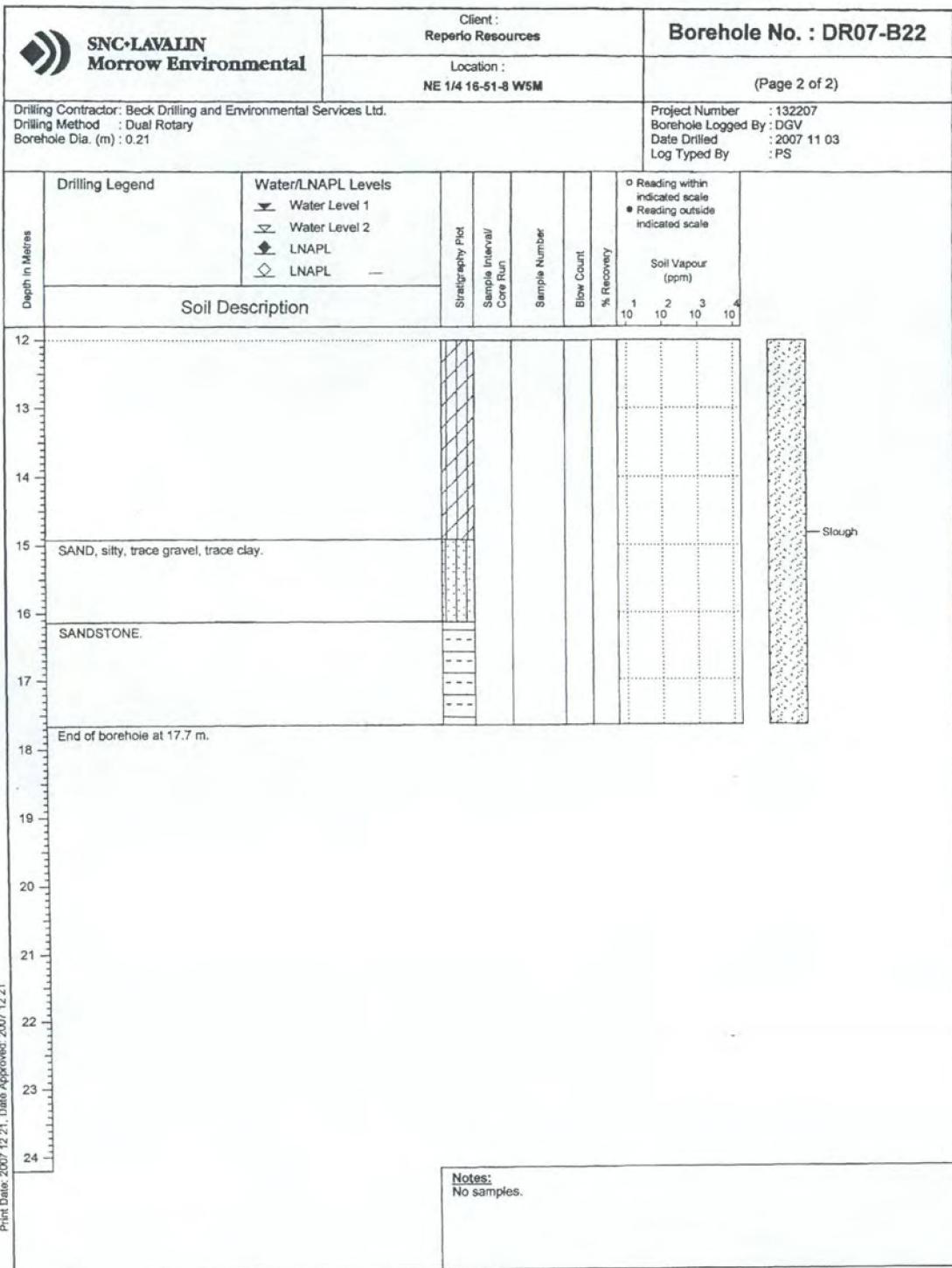
Borehole No. : DR07-B22

Location :
NE 1/4 16-51-8 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 03
Log Typed By : PS



Print Date: 2007 12 21, Date Approved: 2007 12 21



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

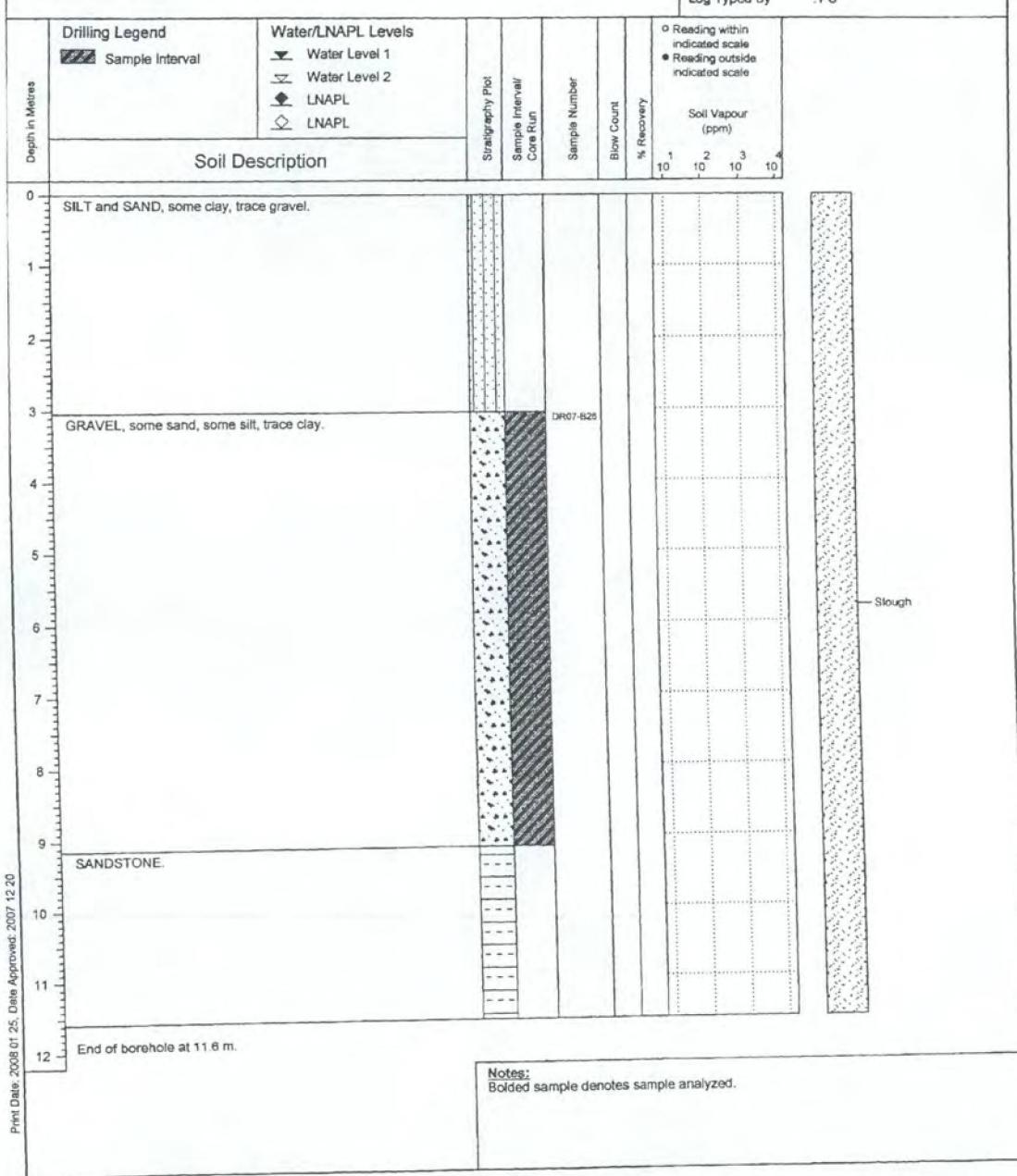
Location:
NW 1/4 5-46-18 W5M

Borehole No. : DR07-B26

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 08
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

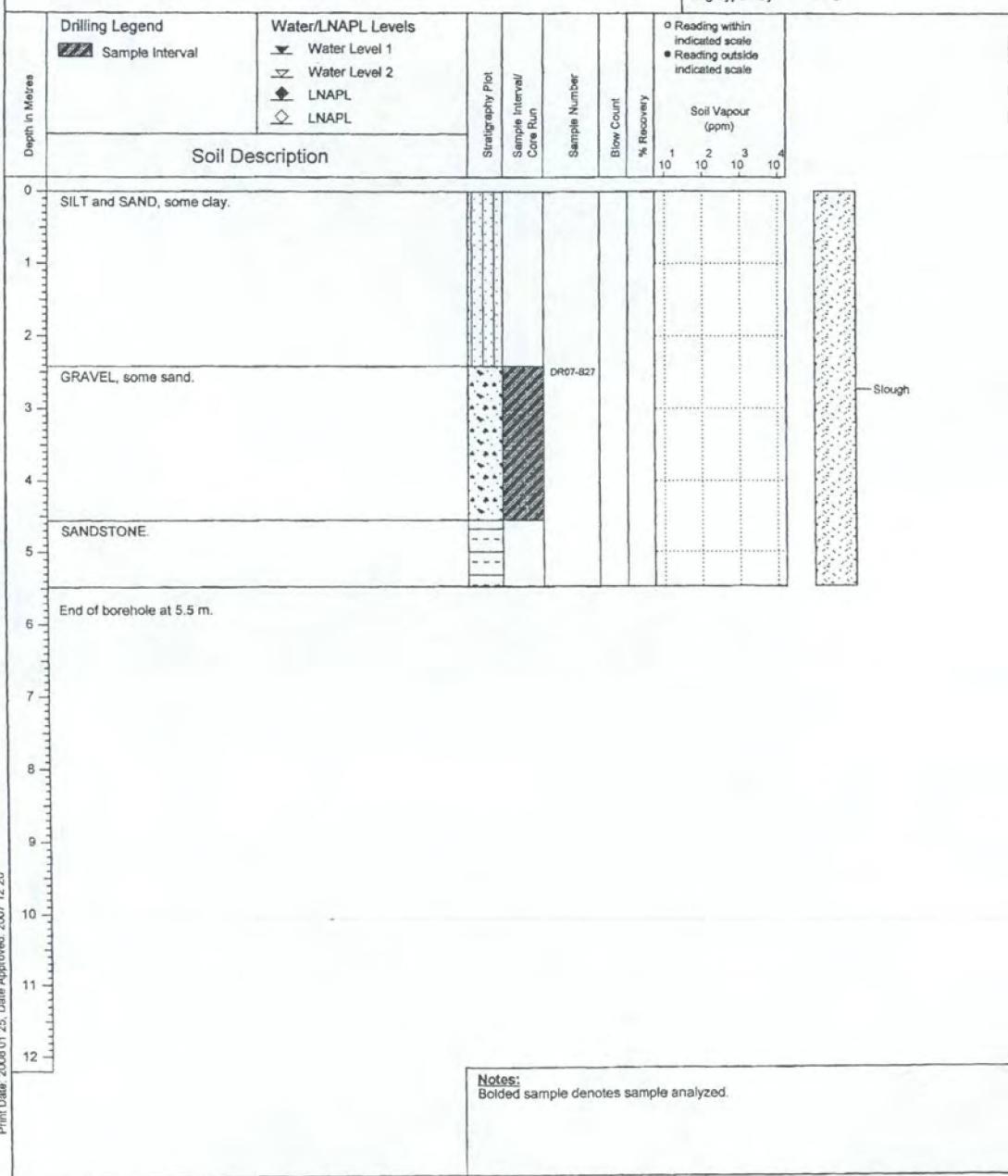
Location:
NE 1/4 7-46-18 W5M

Borehole No. : DR07-B27

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 08
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

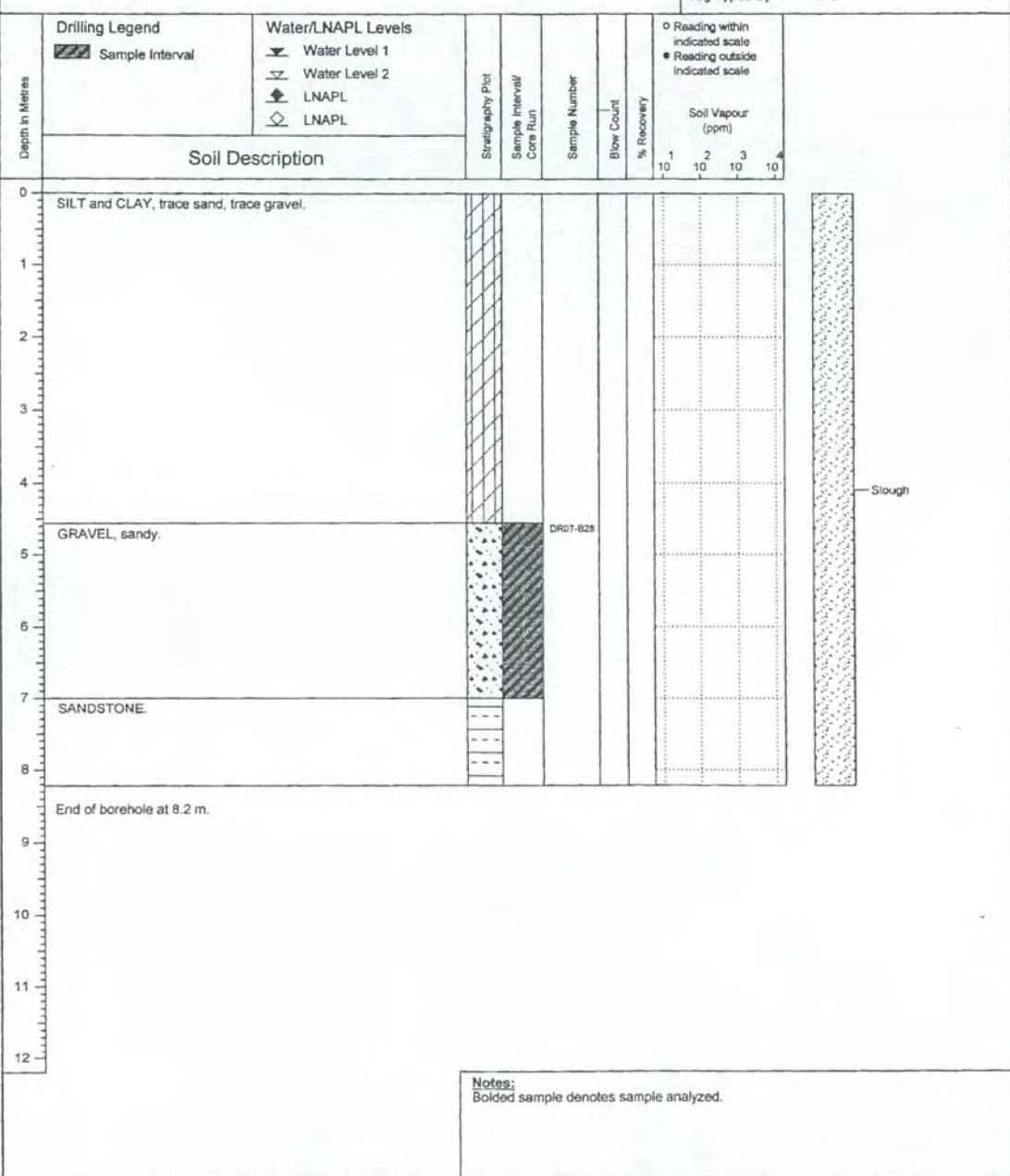
Borehole No. : DR07-B28

Location :
SE 1/4 18-46-18 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 06
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

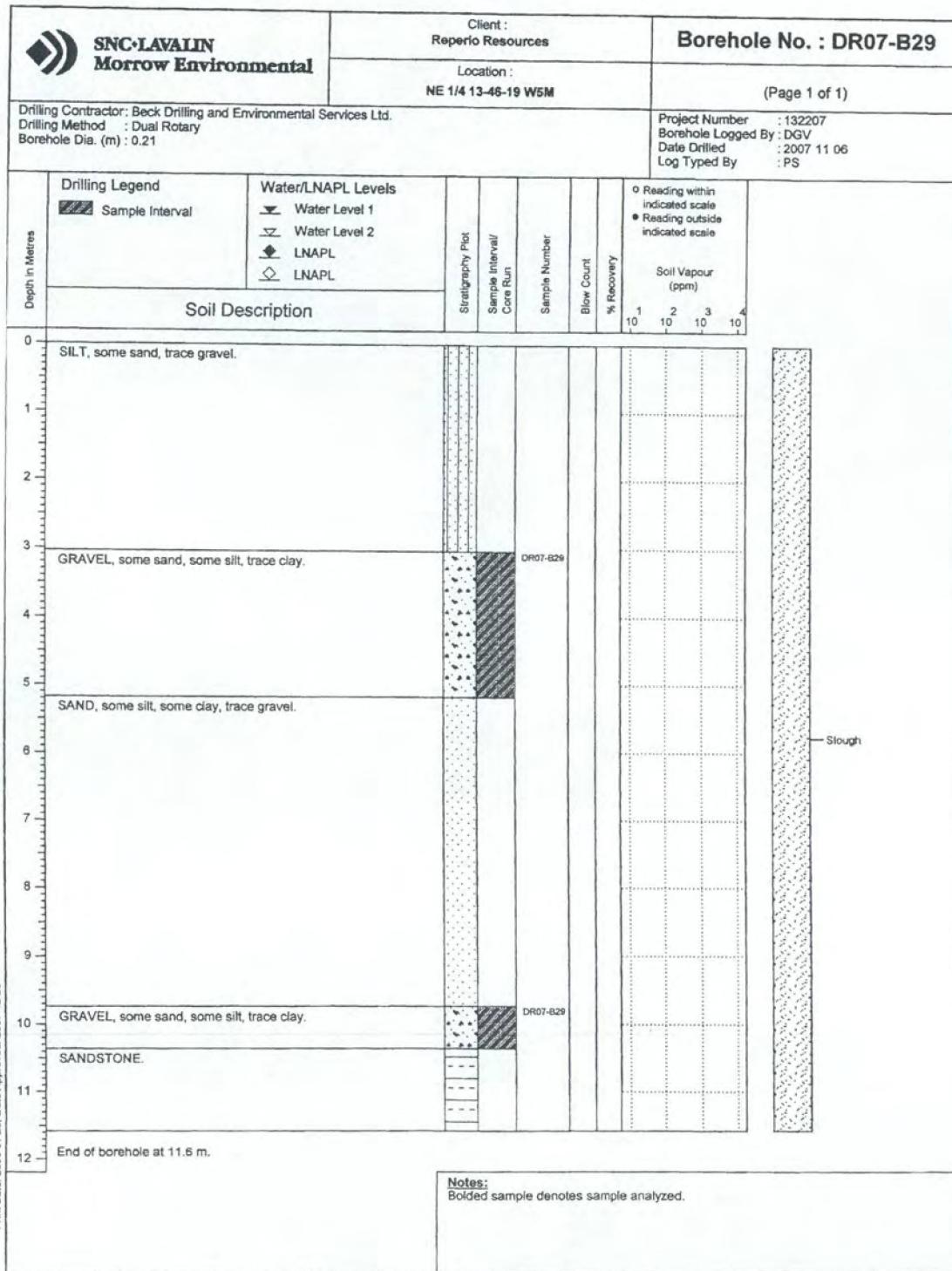
Borehole No. : DR07-B29

Location:
NE 1/4 13-46-19 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 06
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

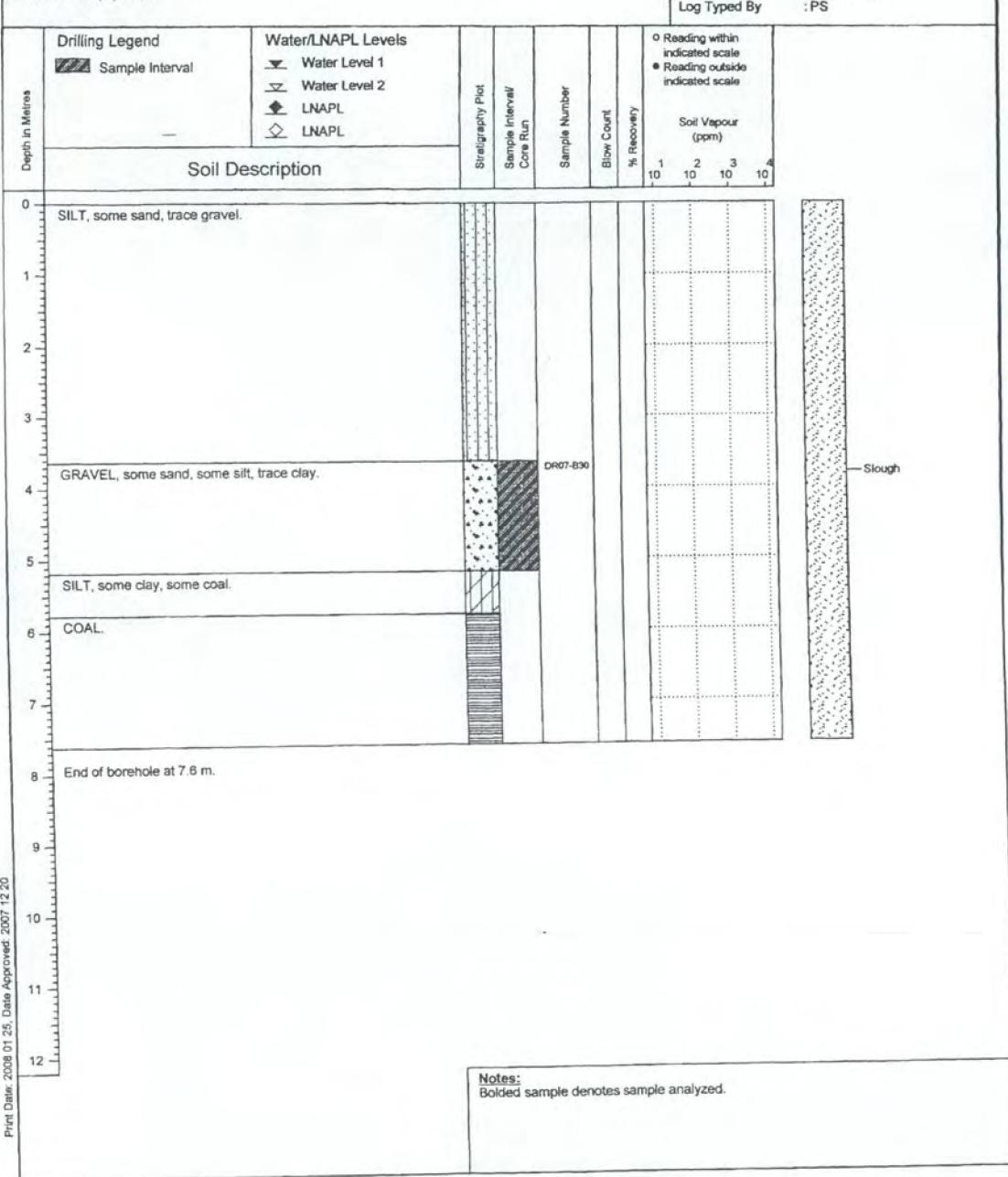
Borehole No. : DR07-B30

Location :
NE 1/4 13-46-19 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 06
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperfo Resources

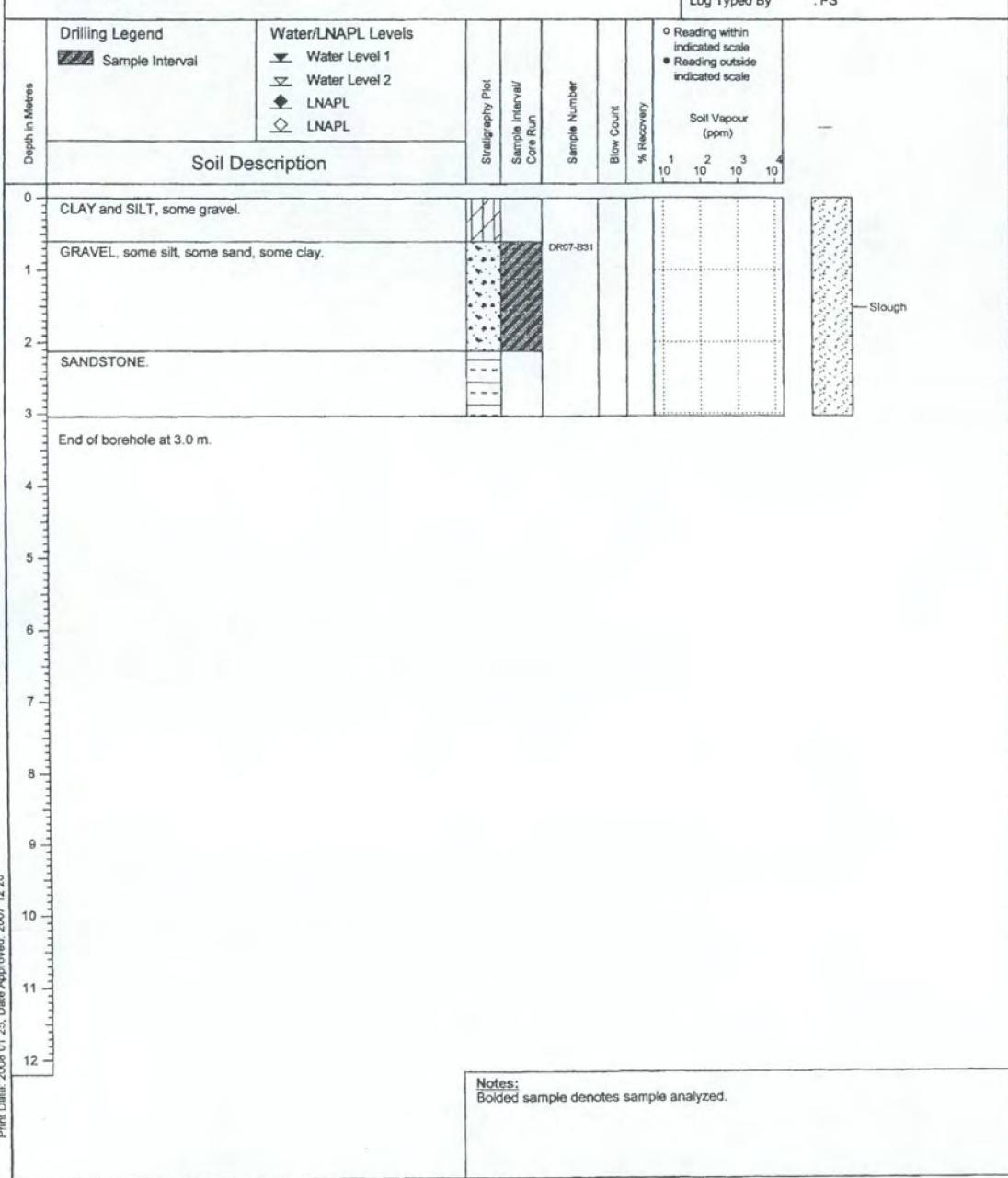
Borehole No. : DR07-B31

Location :
NE 1/4 23-46-19 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 14
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperfo Resources

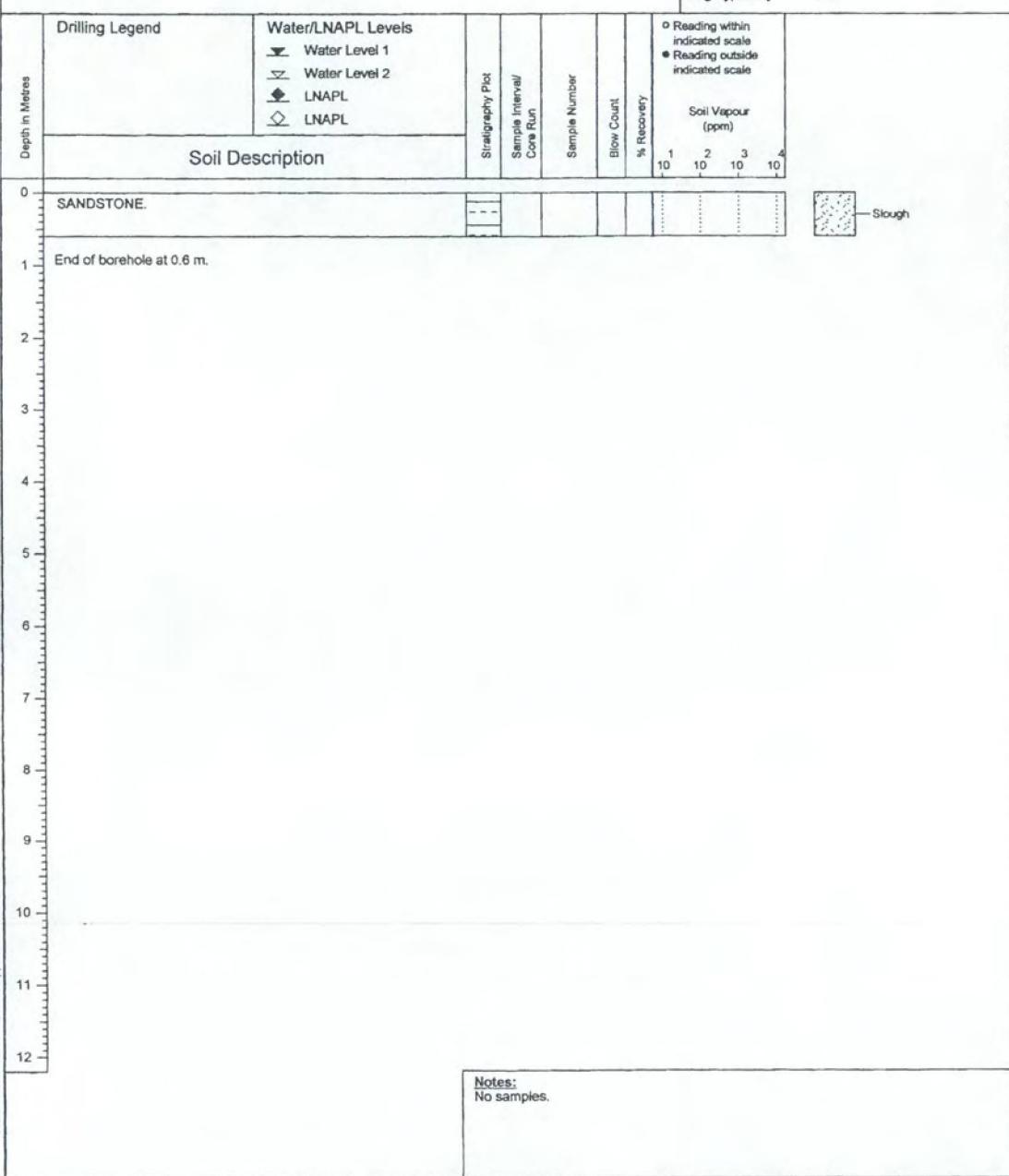
Borehole No. : DR07-B32

Location :
NE 1/4 23-46-19 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 14
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

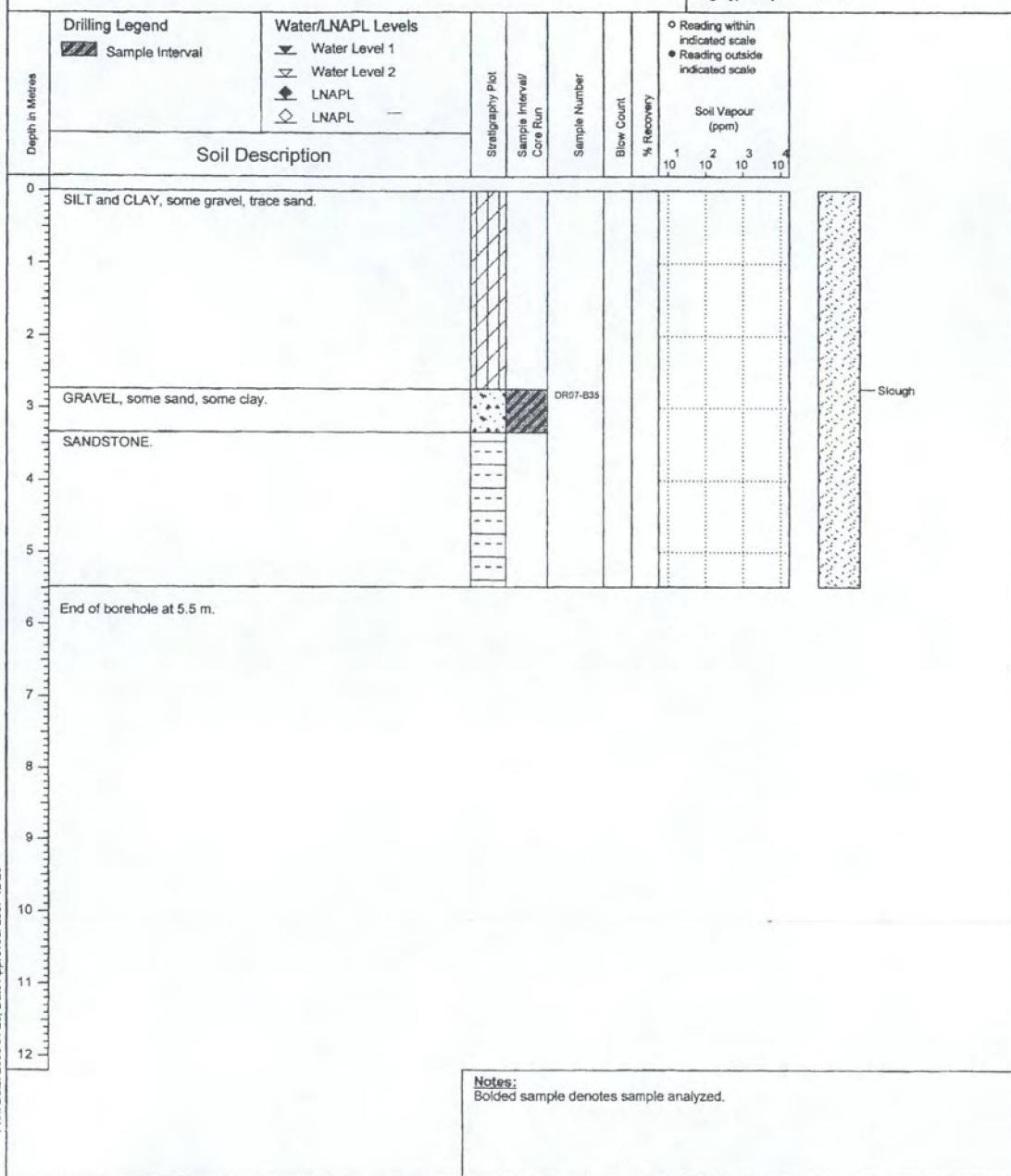
Borehole No. : DR07-B35

Location:
SE 1/4 22-46-19 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 14
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

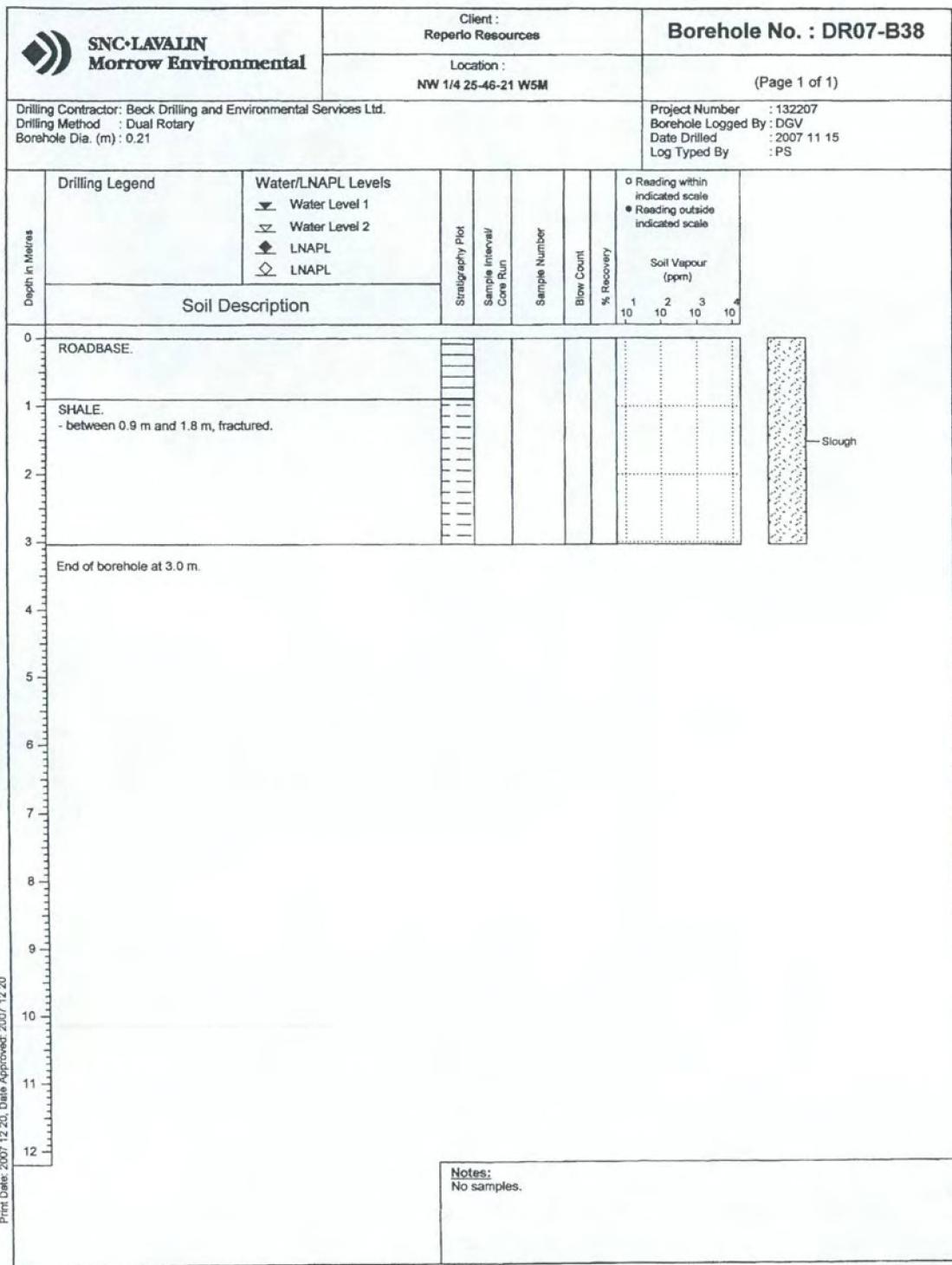
Borehole No. : DR07-B38

Location :
NW 1/4 25-46-21 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 15
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources Corp.

Borehole No. : DR07-B39

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Location:

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 16
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | | | | | |
|-----------------|------------------|--------------------|-------------------|------------------------------|---------------|------------|---|
| | | | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery |
| | | | | | | | ○ Reading within indicated scale ● Reading outside indicated scale |
| | | | | | | | Soil Vapour (ppm) |
| | | | | | | | 1 10 2 10 3 10 4 10 |
| | Soil Description | | | | | | |
| 0 | ROAD BASE. | | | | | | |
| 1 | SHALE. | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| | | | | | | | Notes: No samples. |

End of borehole at 3.0 m.



SNC-LAVALIN
Morrow Environmental

Client:
Reperfo Resources

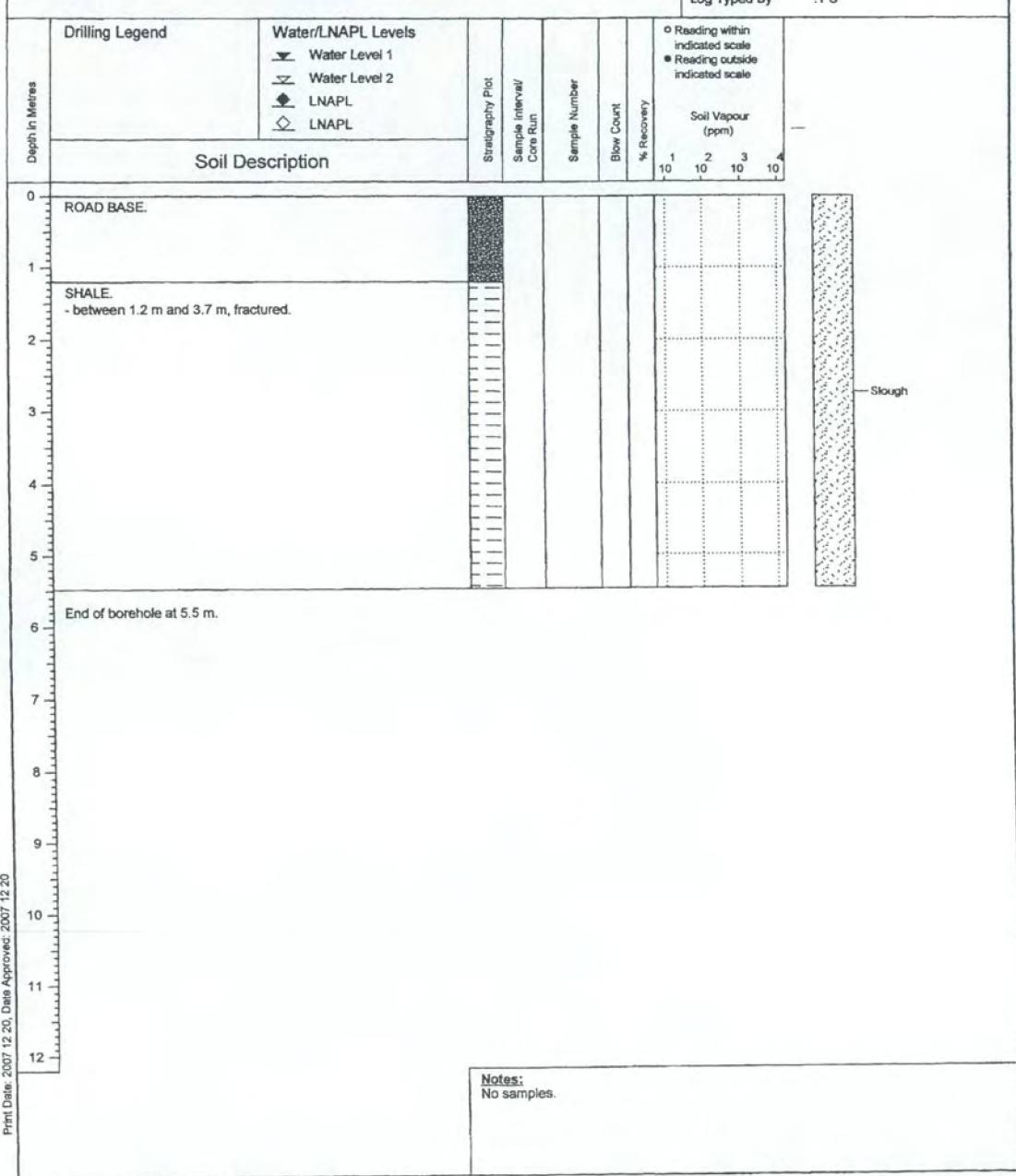
Location:
NW 1/4 24-46-21 W5M

Borehole No. : DR07-B40

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 15
Log Typed By : PS



Print Date: 2007 12 20 Date Approved: 2007 12 20



**SNC-LAVALIN
Morrow Environmental**

Client:
Reperio Resources

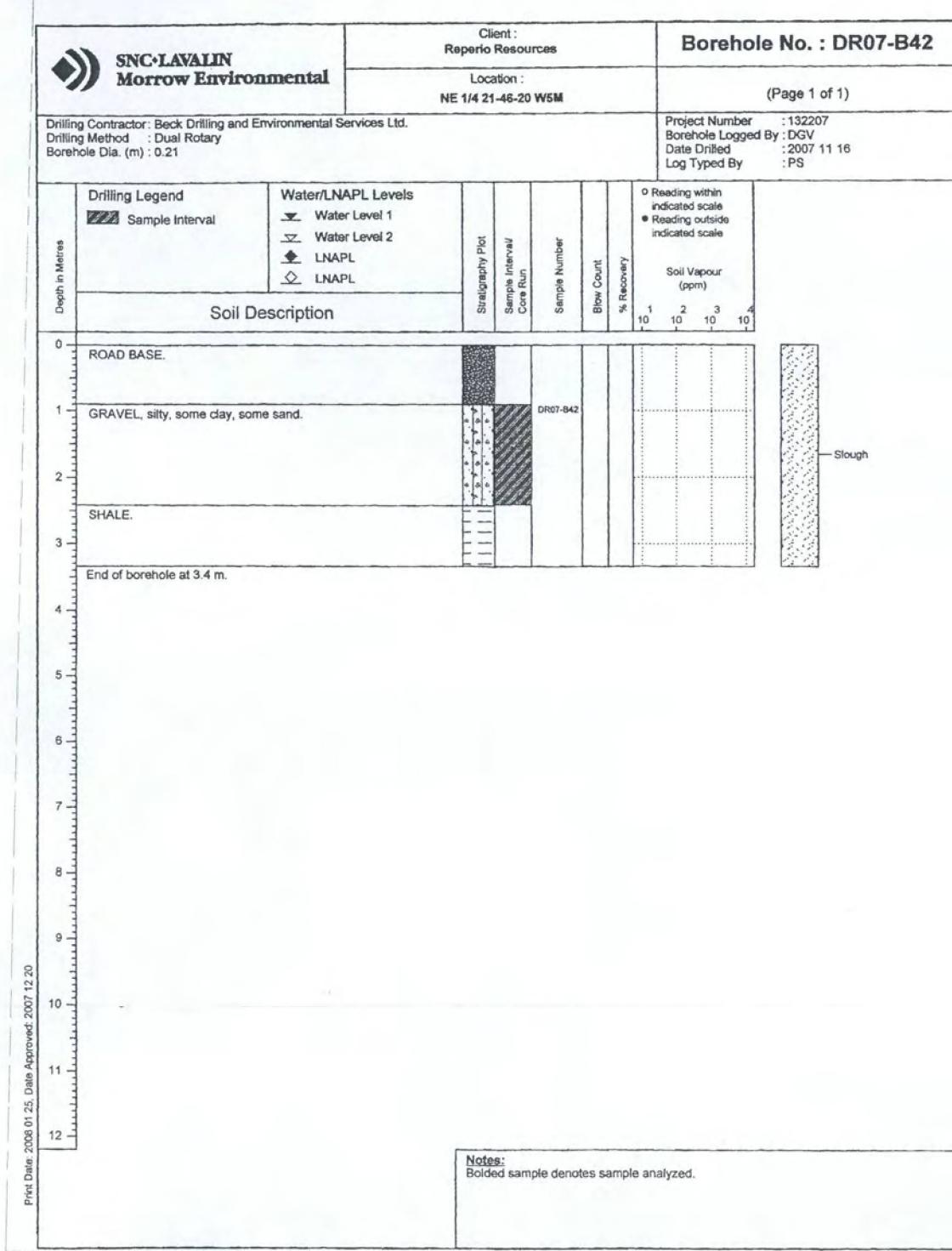
Location:
NE 1/4 21-46-20 W5M

Borehole No. : DR07-B42

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 16
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

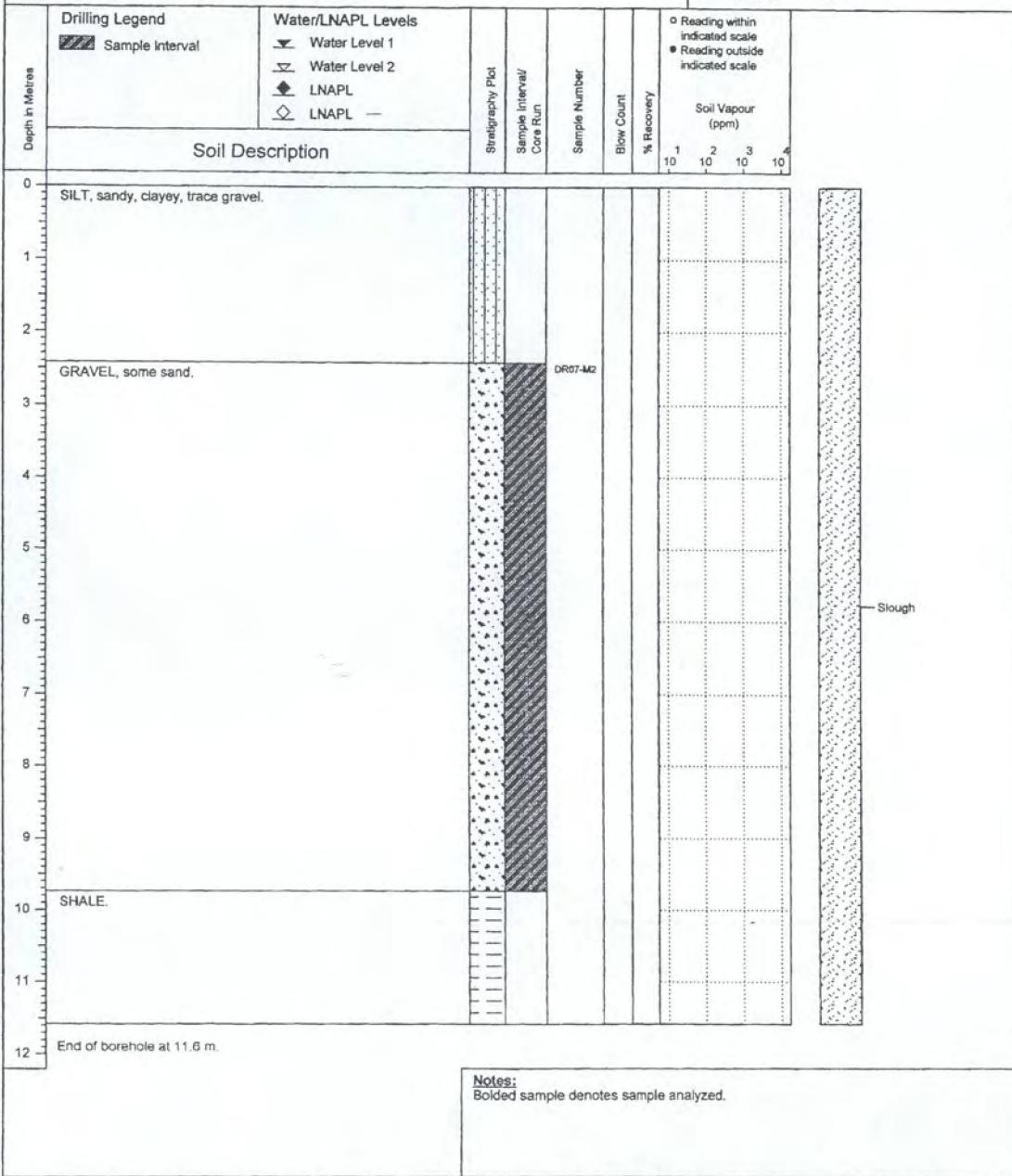
Location:
SE 1/4 8-47-23 W5M

Borehole No. : DR07-M2

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 24
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

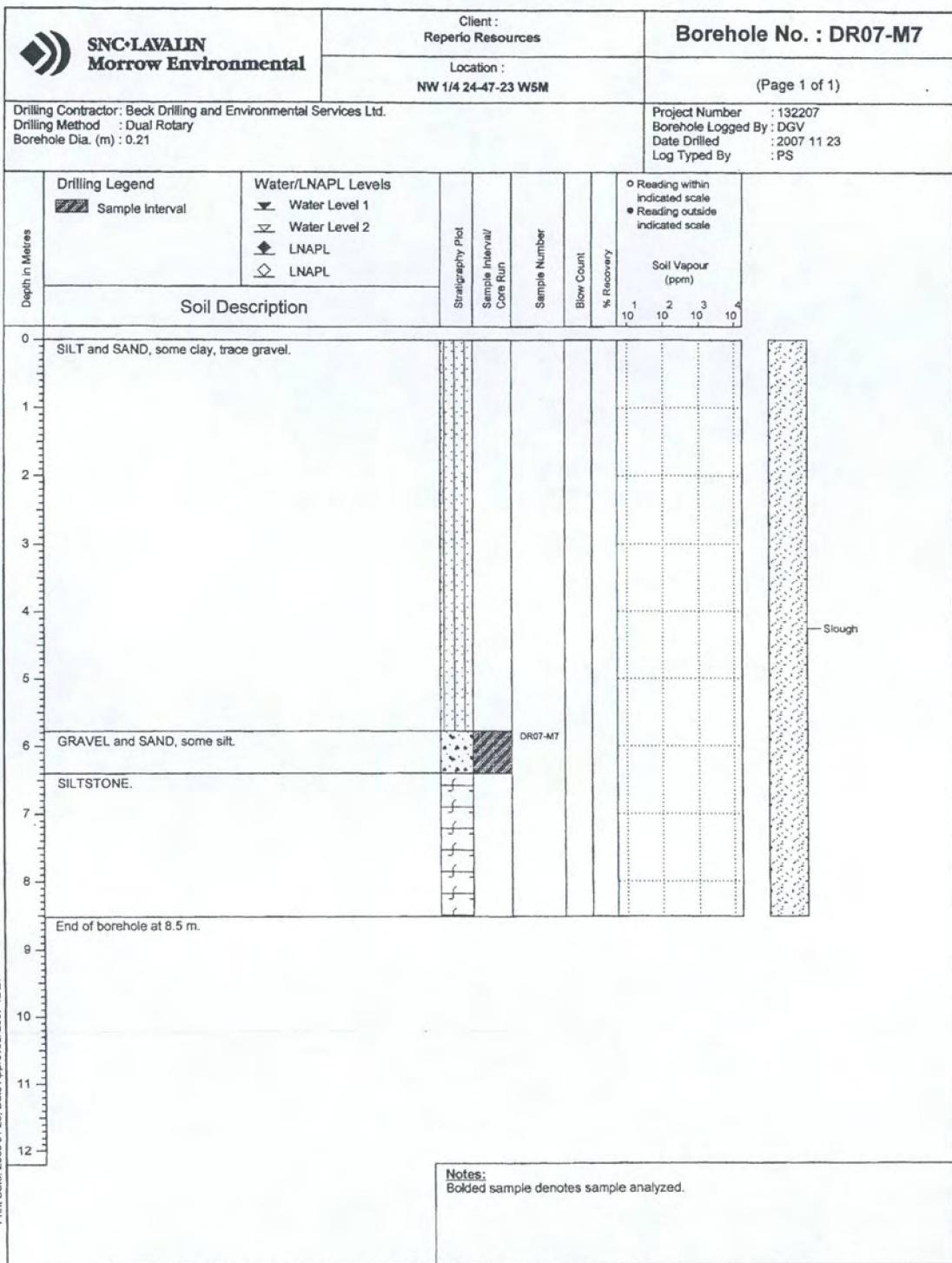
Borehole No. : DR07-M7

Location :
NW 1/4 24-47-23 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 23
Log Typed By : PS





**SNC-LAVALIN
Morrow Environmental**

Client:
Reperio Resources

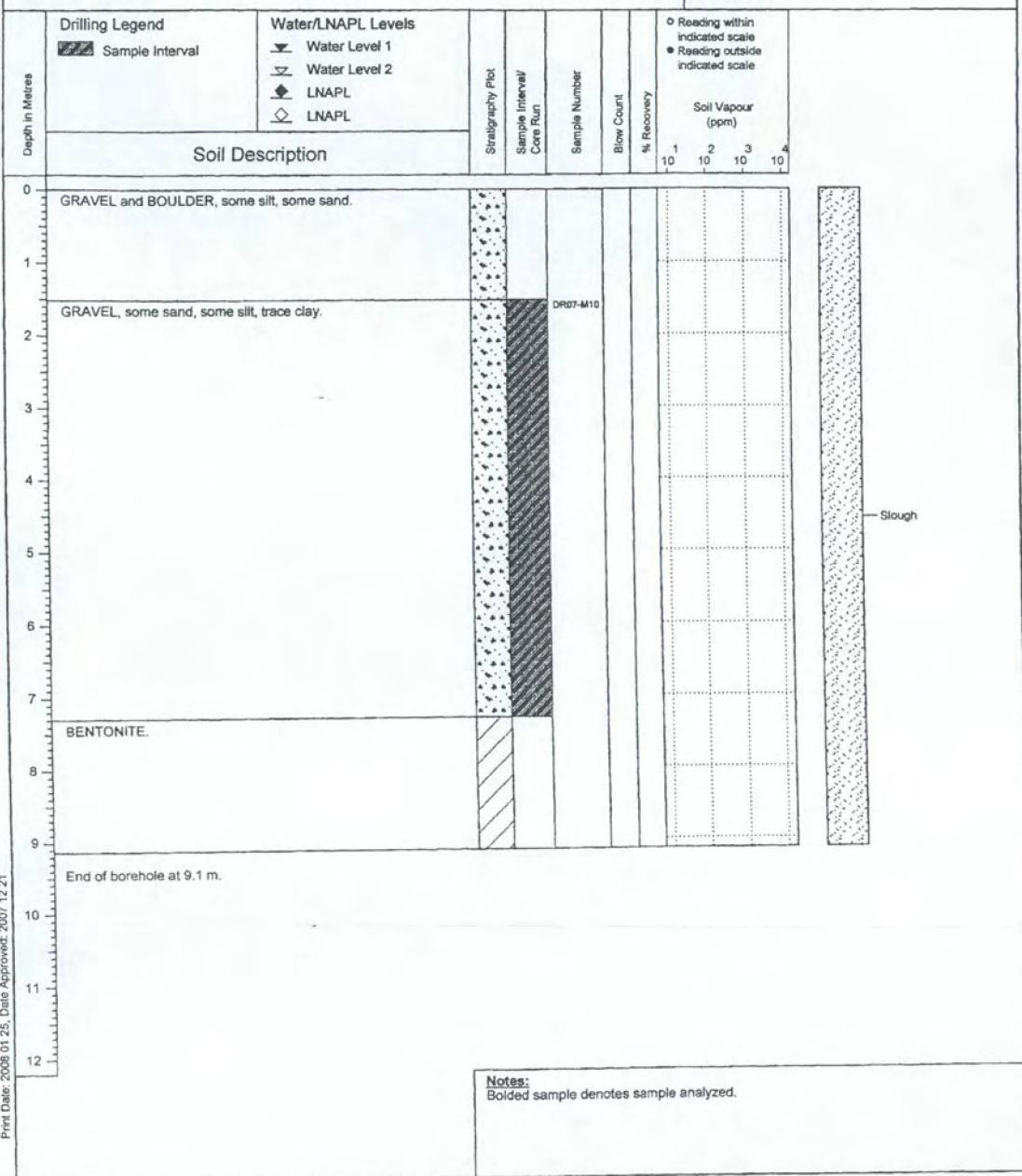
Location:
SE 1/4 14-48-22 W5M

Borehole No. : DR07-M10

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 17
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

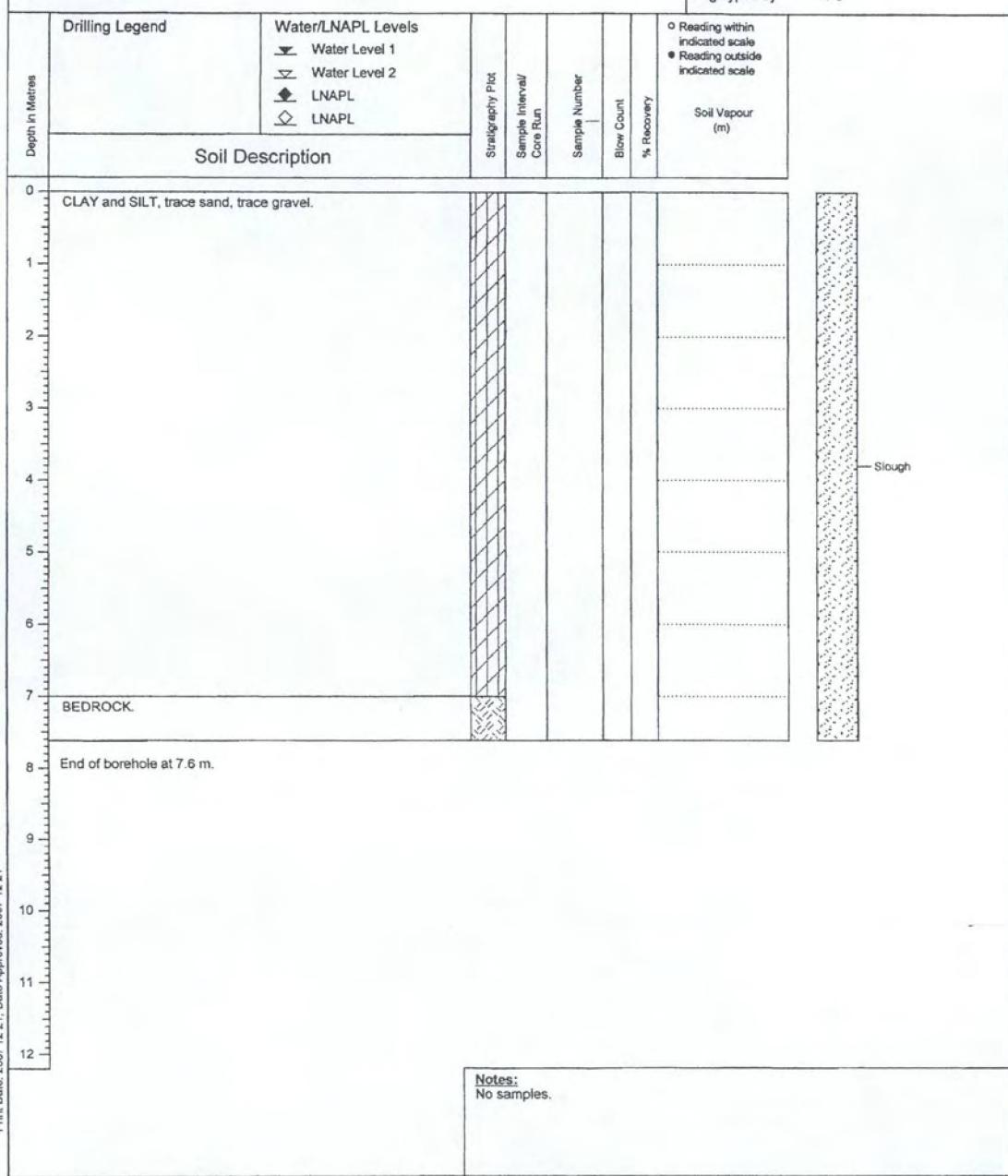
Location :
SW 1/4 21-48-22 W5M

Borehole No. : DR07-M12

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 17
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

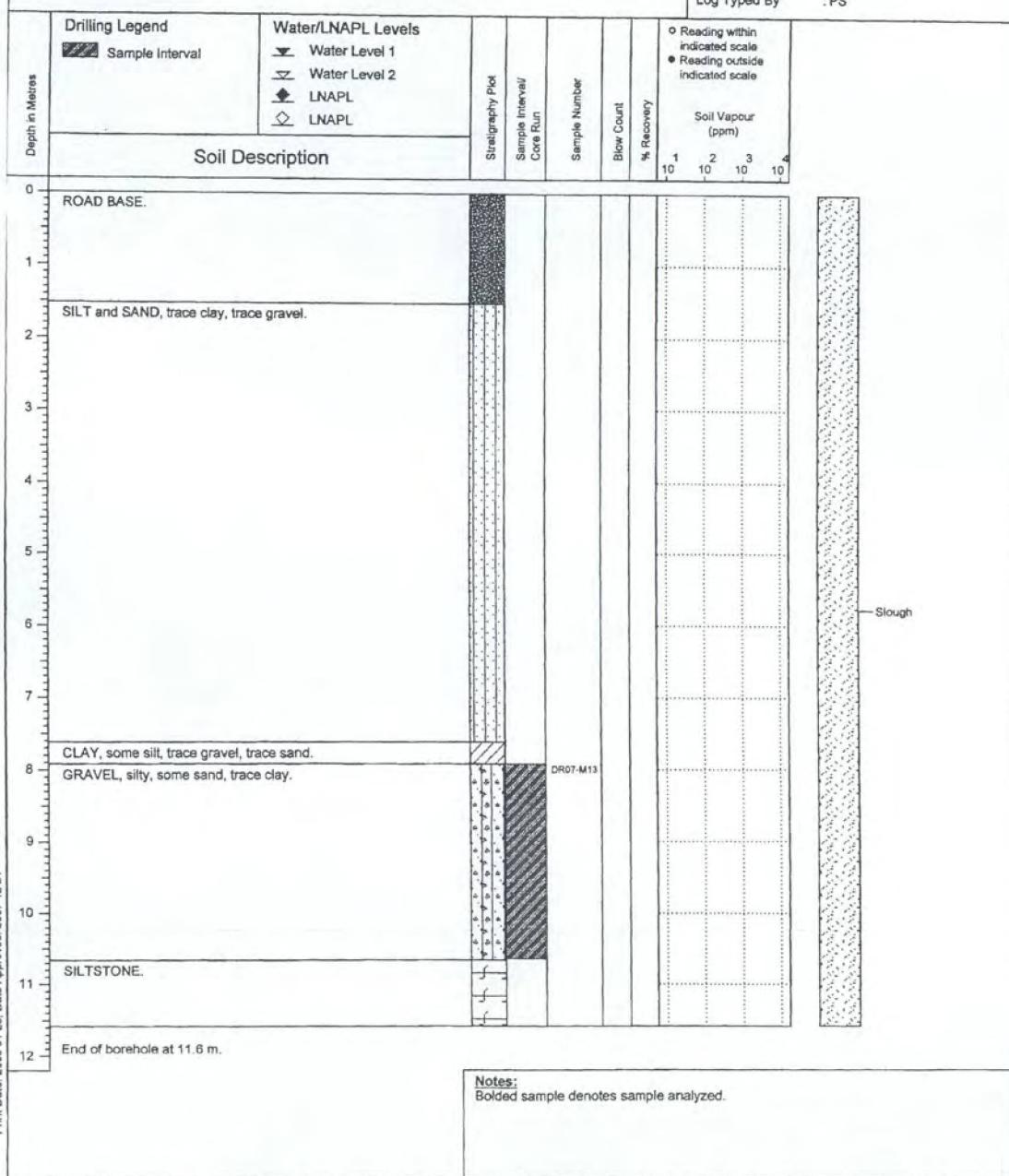
Borehole No. : DR07-M13

Location :
SE 1/4 23-48-23 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 18
Log Typed By : PS





**SNC-LAVALIN
Morrow Environmental**

Client:
Reperio Resources

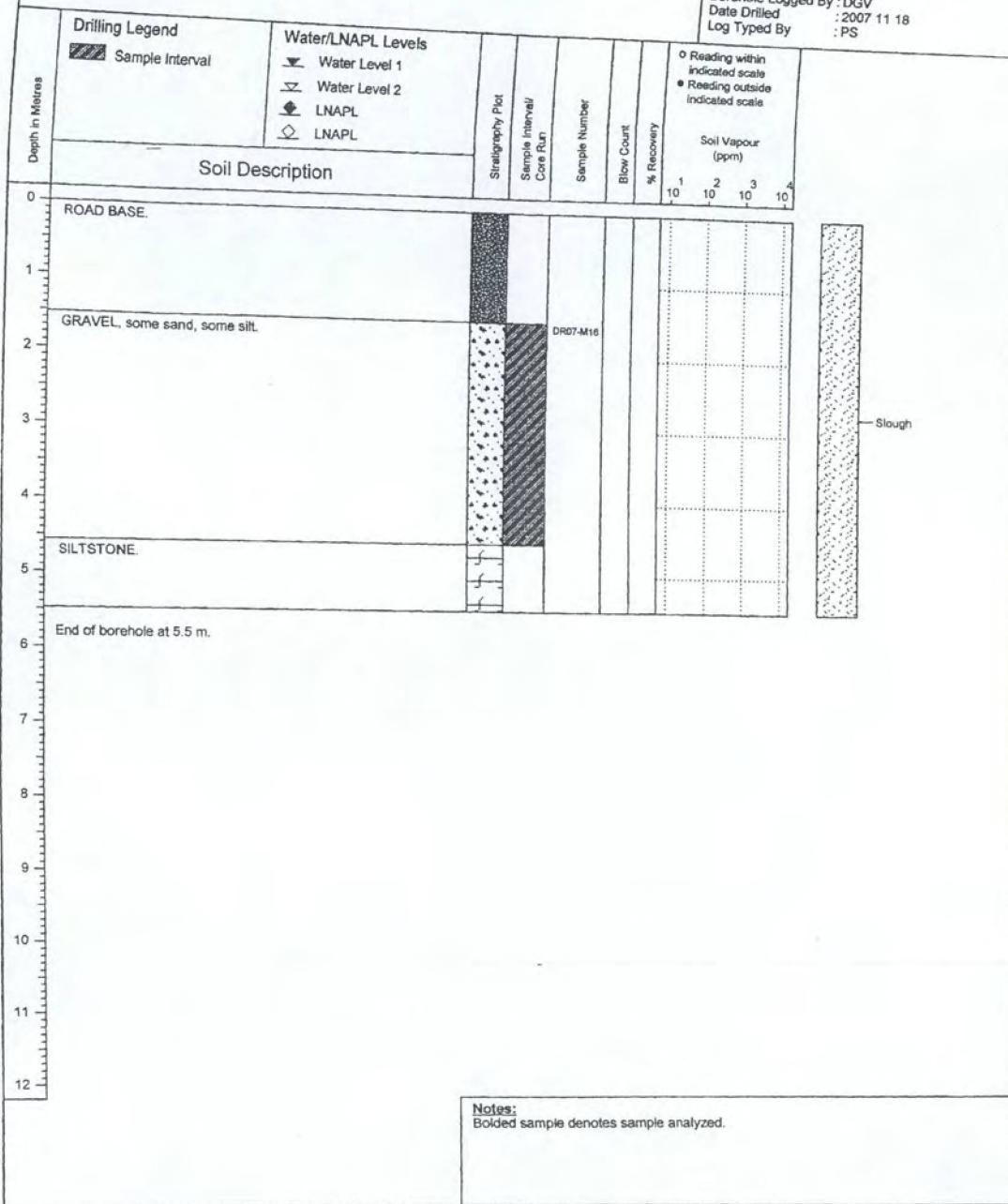
Borehole No. : DR07-M16

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Location:
NE 1/4 33-48-23 WSM

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 18
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

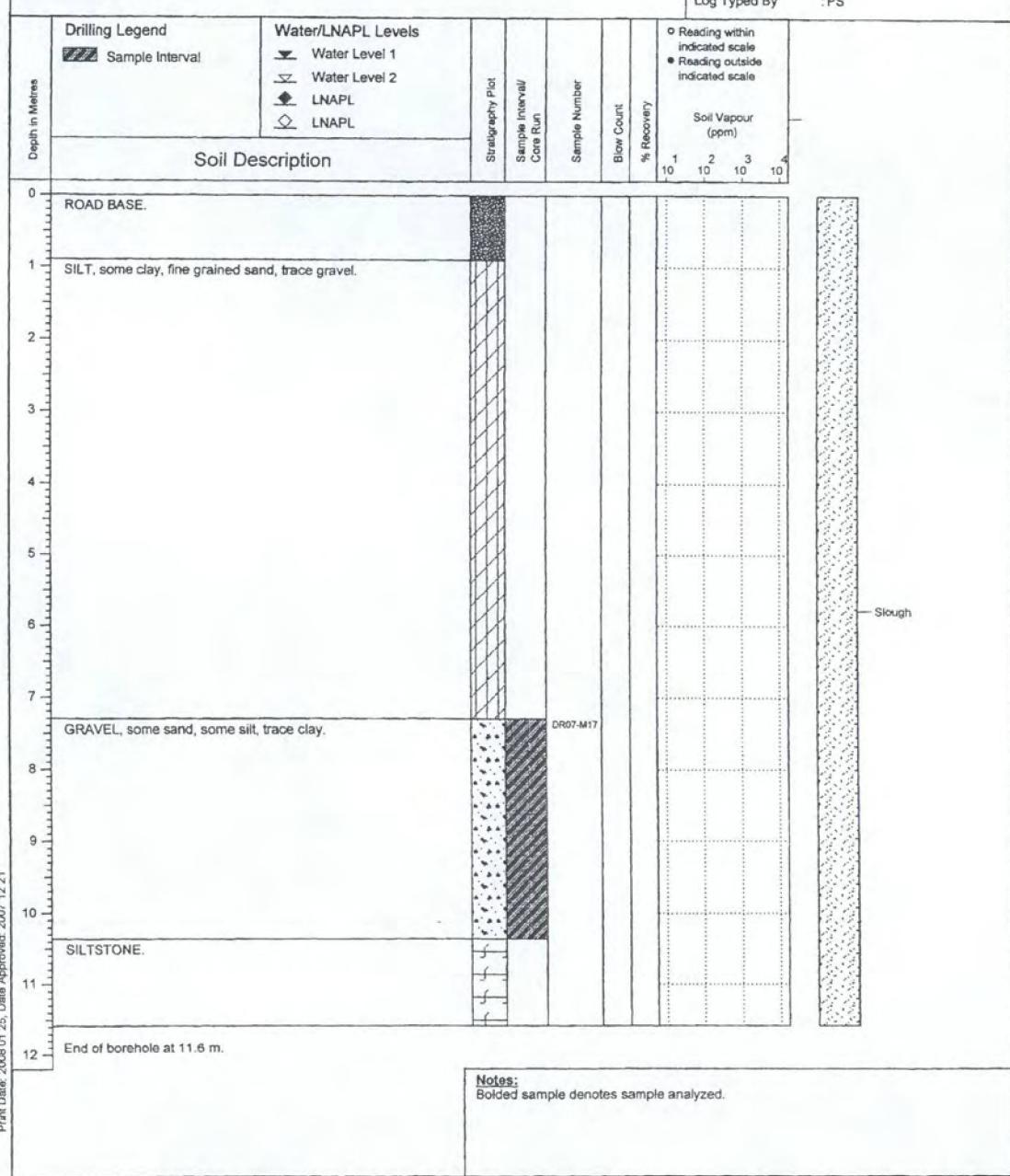
Borehole No. : DR07-M17

Location:
NE 1/4 5-49-23 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 20
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Borehole No. : DR07-M18

1

Education.

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 23
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | | | |
|-----------------|--|--------------------|-------------------|------------------------------|---------------|------------|------------|----------------------|---------------|-------|-------|
| | | | | | | | | Water Level 1 | Water Level 2 | LNAPL | LNAPL |
| | Soil Description | | | | | | | | | | |
| 0 | ROAD BASE. | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | CLAY, silty, trace sand, trace gravel. | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | SAND, silty, trace gravel, trace clay. | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | CLAY. SILTSTONE. | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | End of borehole at 11.6 m. | | | | | | | | | | |
| | <p>Notes: No samples.</p> | | | | | | | | | | |



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

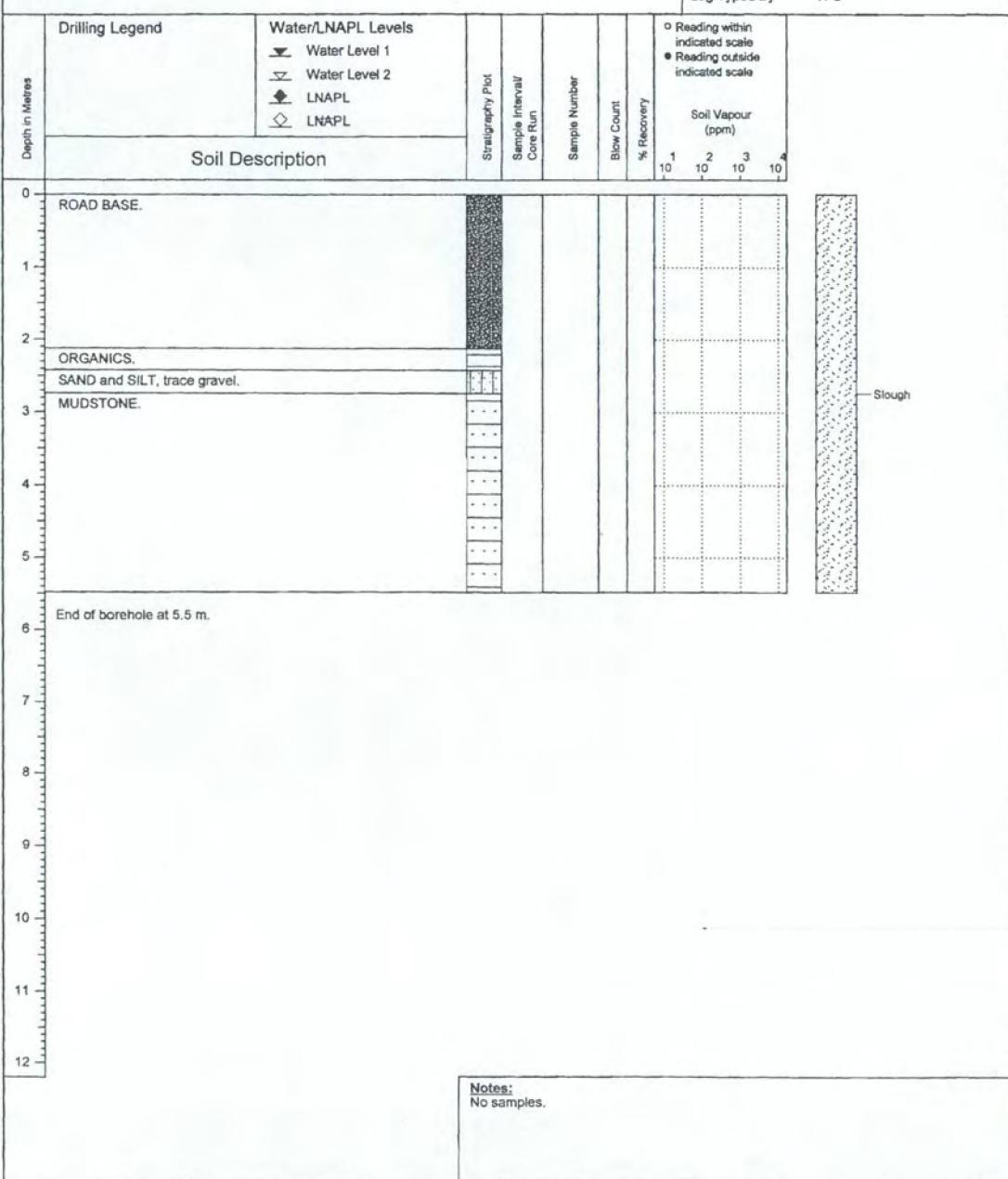
Borehole No. : DR07-M19

Location :
SE 1/4 10-50-23 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 23
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

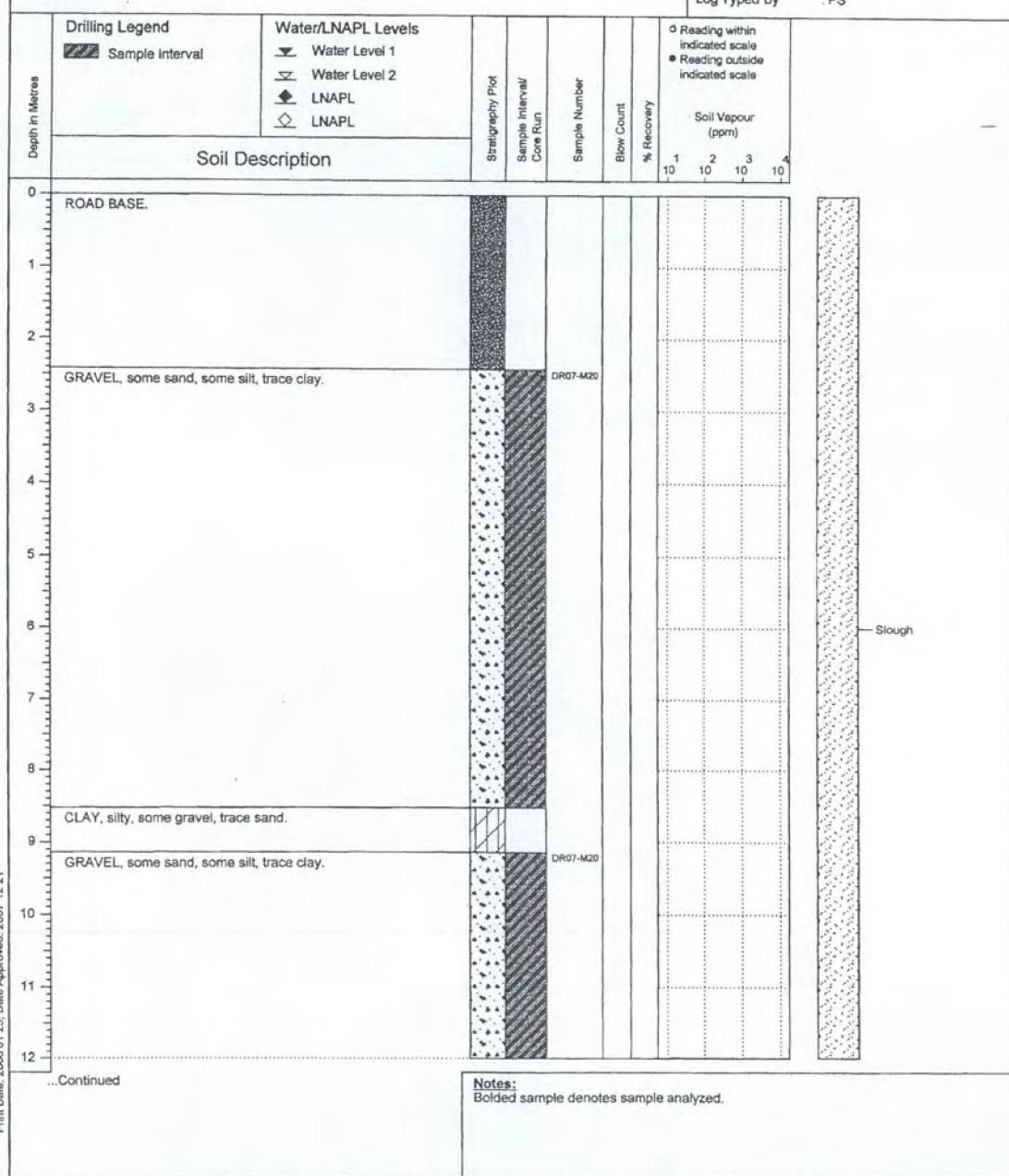
Borehole No. : DR07-M20

Location :
NE 1/4 9-50-23 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 22
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

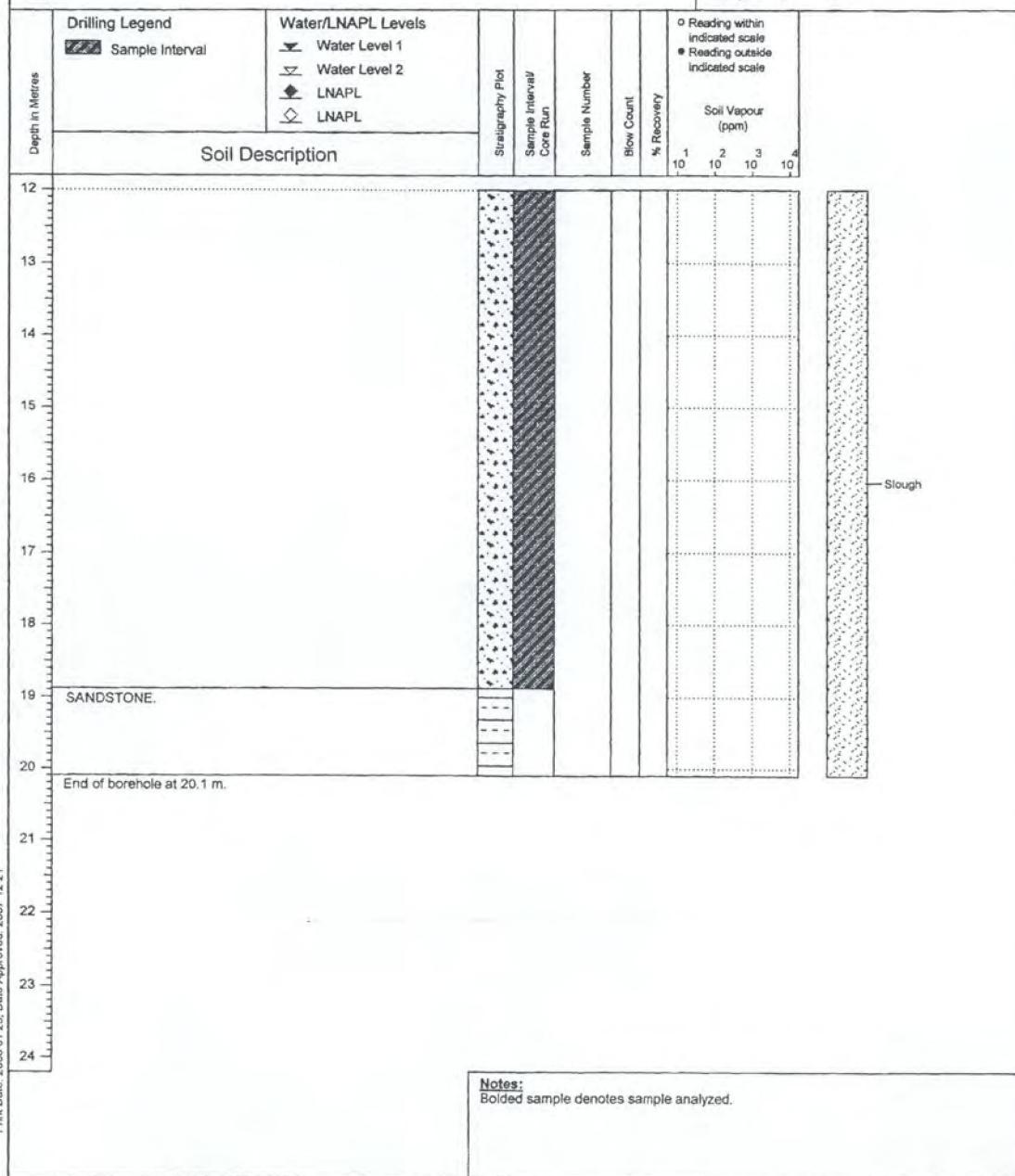
Location:
NE 1/4 9-50-23 W5M

Borehole No. : DR07-M20

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 22
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

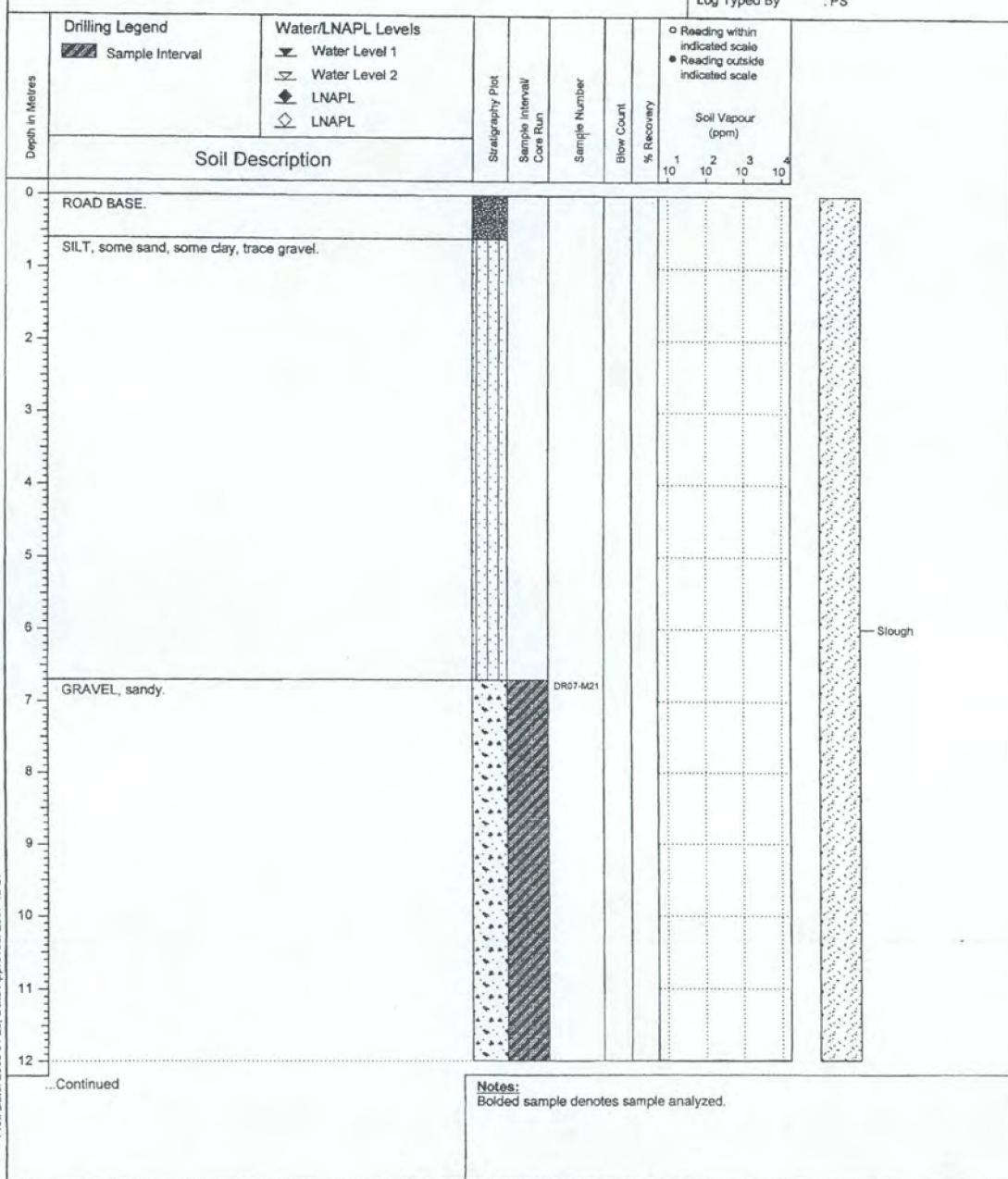
Borehole No. : DR07-M21

Location :
SW 1/4 4-52-22 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 30
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

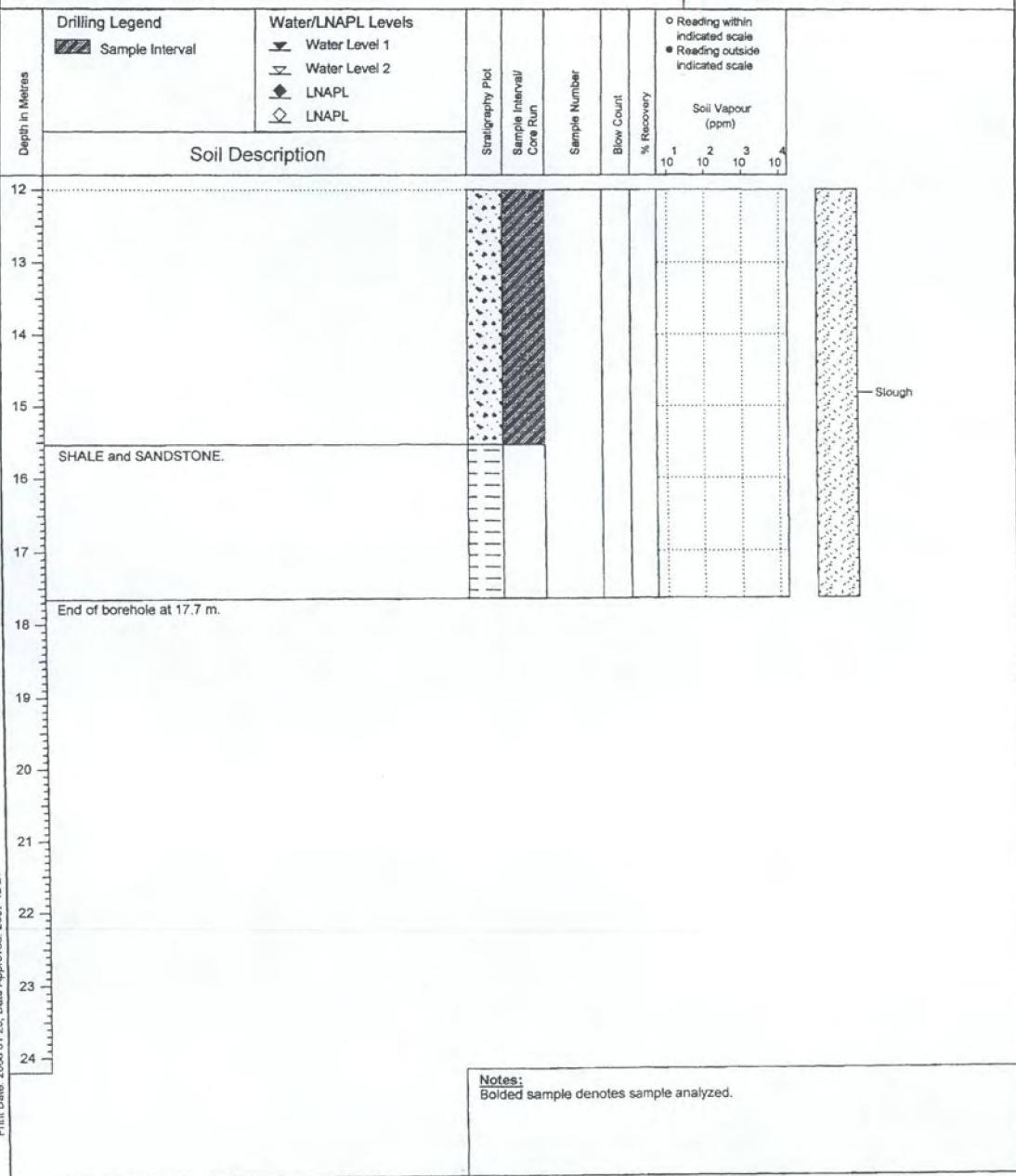
Location :
SW 1/4 4-52-22 WSM

Borehole No. : DR07-M21

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 30
Log Typed By : PS





**SNC-LAVALIN
Morrow Environmental**

Client :
Reperio Resources

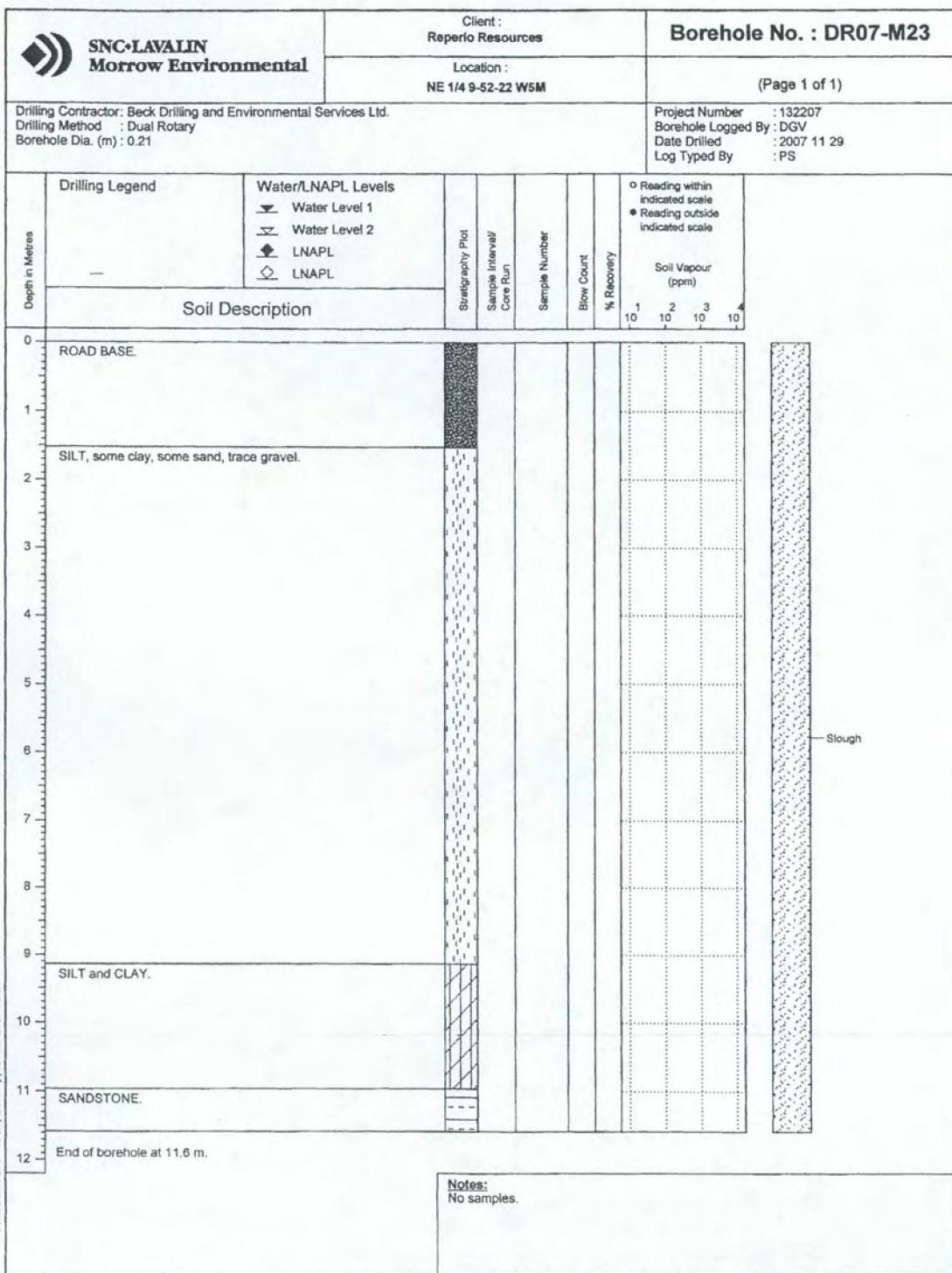
Borehole No. : DR07-M23

Location :
NE 1/4 9-52-22 WSM

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 29
Log Typed By : PS



Print Date: 2007 12 21, Date Approved: 2007 12 21



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

Location :

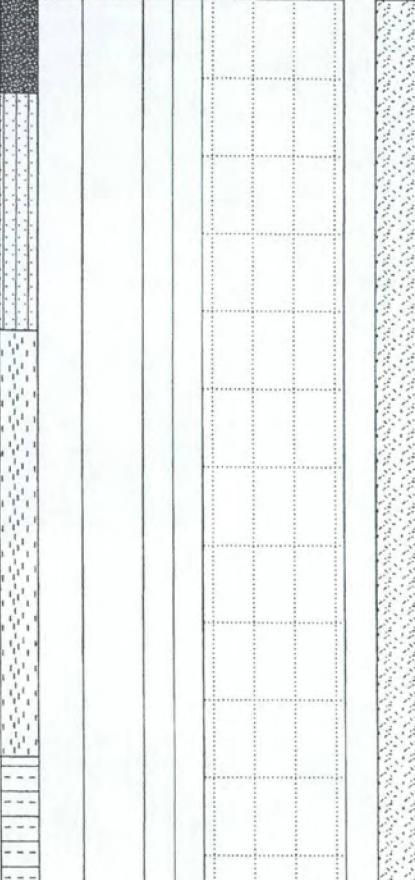
Borehole No. : DR07-M24

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 11 29
Log Typed By : PS

Log typed by PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | | Stratigraphy Plot | Sample Interval Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | | | | | |
|-------------------------|--|--------------------|--|-------------------|-----------------------------|---------------|------------|------------|-------------------------------------|---|--|-----------------------------|---------|---------|
| | | | | | | | | | <input type="radio"/> Water Level 1 | <input type="radio"/> Water Level 2 | <input checked="" type="radio"/> LNAPL | <input type="radio"/> LNAPL | 1 10 | 2 10 |
| Soil Description | | | | | | | | | | | | | | |
| 0 | ROAD BASE. | | | | | | | | | | | | | |
| 1 | SAND and SILT, some clay. | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | SILT, some clay, trace sand, trace gravel. | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | SANDSTONE. | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | End of borehole at 11.6 m. | | | | | | | | | | | | | |
| | | | | | | | | | | Notes: No samples. | | | | |
| | | | | | | | | | |  | | | | |



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

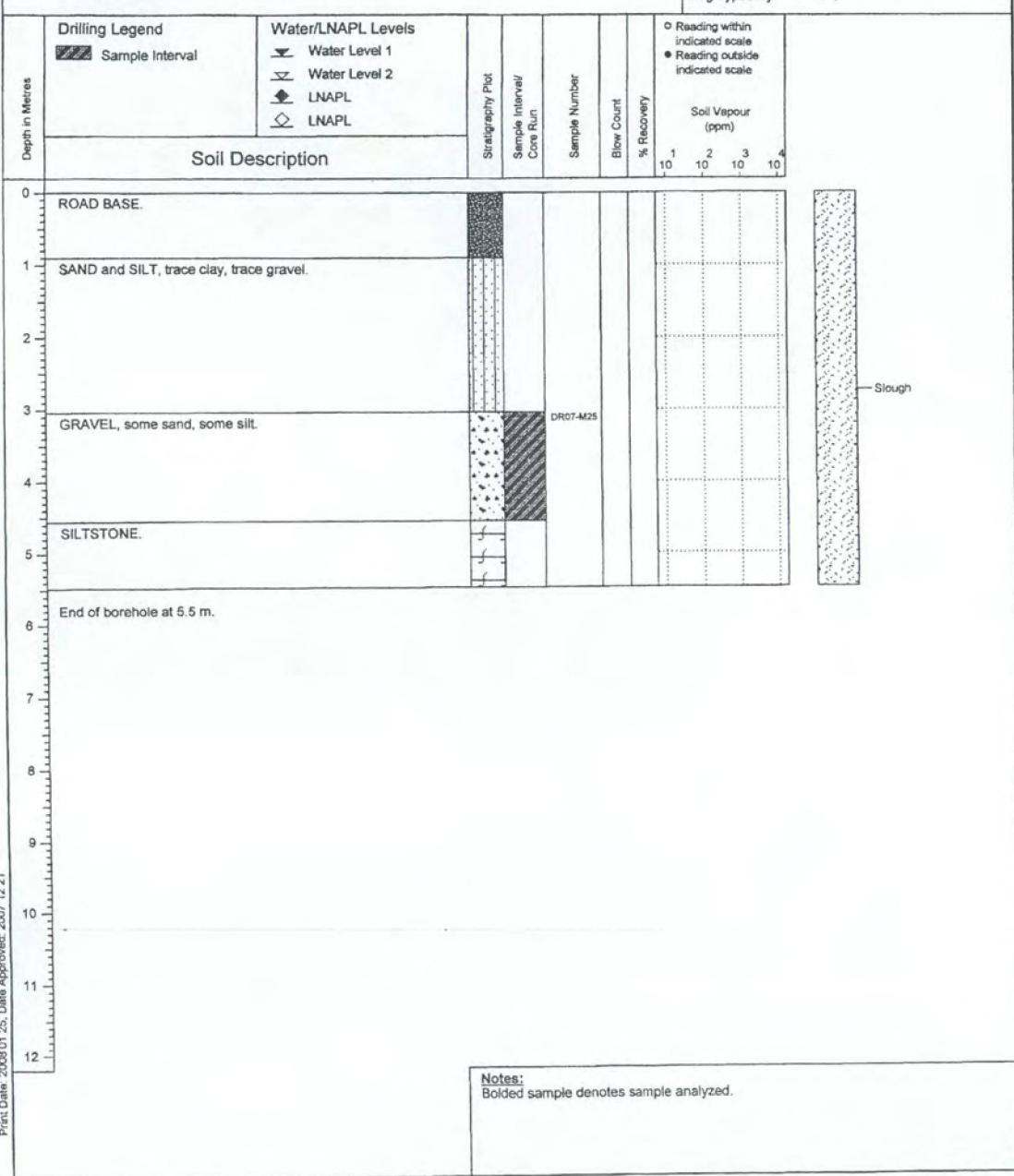
Location :
NE 1/4 30-52-21 W5M

Borehole No. : DR07-M25

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 06
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

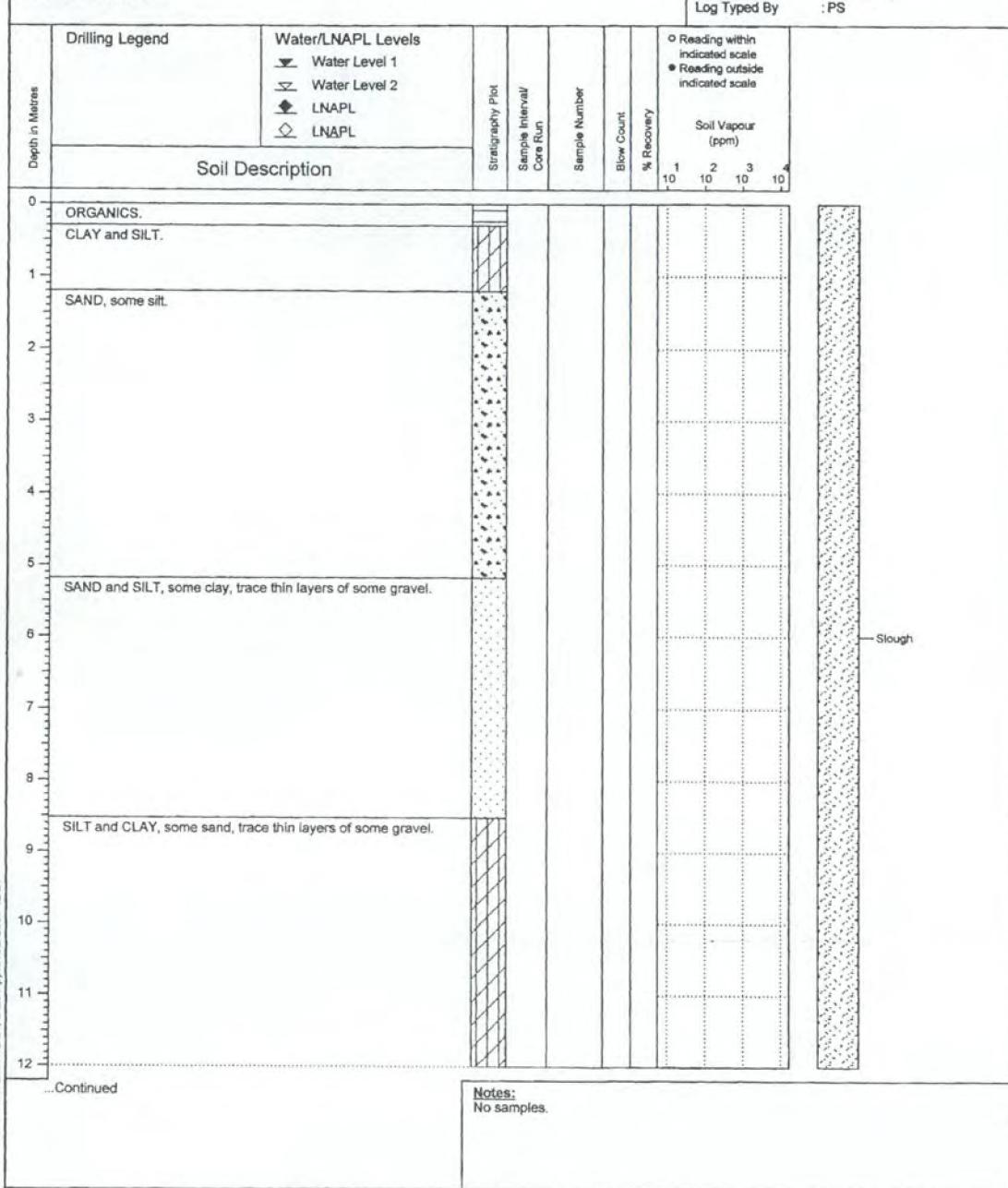
Location :
SE 1/4 36-52-20 W5M

Borehole No. : DR07-M26

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 05
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

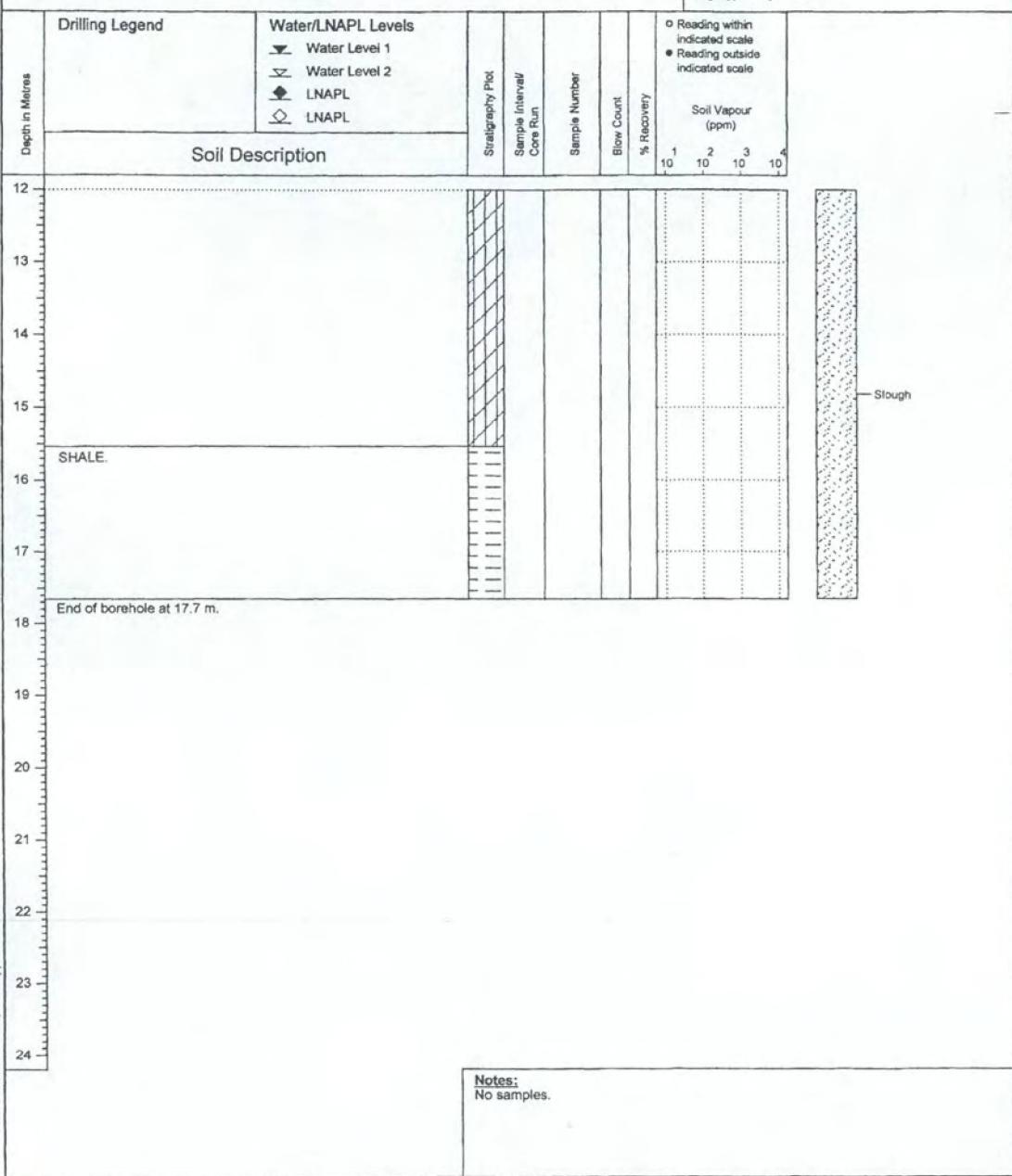
Borehole No. : DR07-M26

Location:
SE 1/4 36-52-20 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 05
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Location :
NW 1/4 31-52-19 W5M

Borehole No. : DR07-M27

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 05
Log Typed By : PS



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

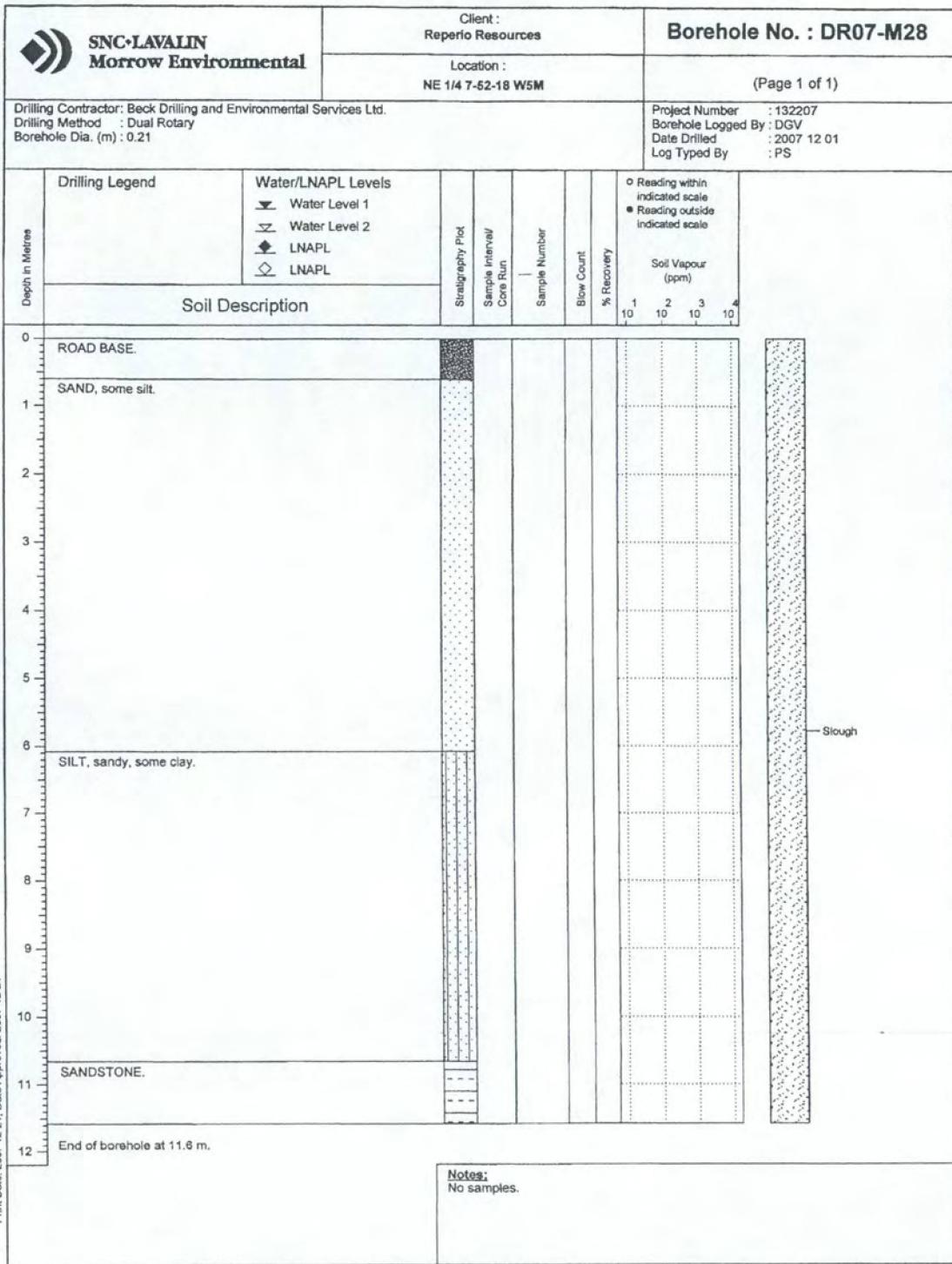
Borehole No. : DR07-M28

Location :
NE 1/4 7-52-18 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 01
Log Typed By : PS





**SNC-LAVALIN
Morrow Environmental**

Client :
Reperfo Resources

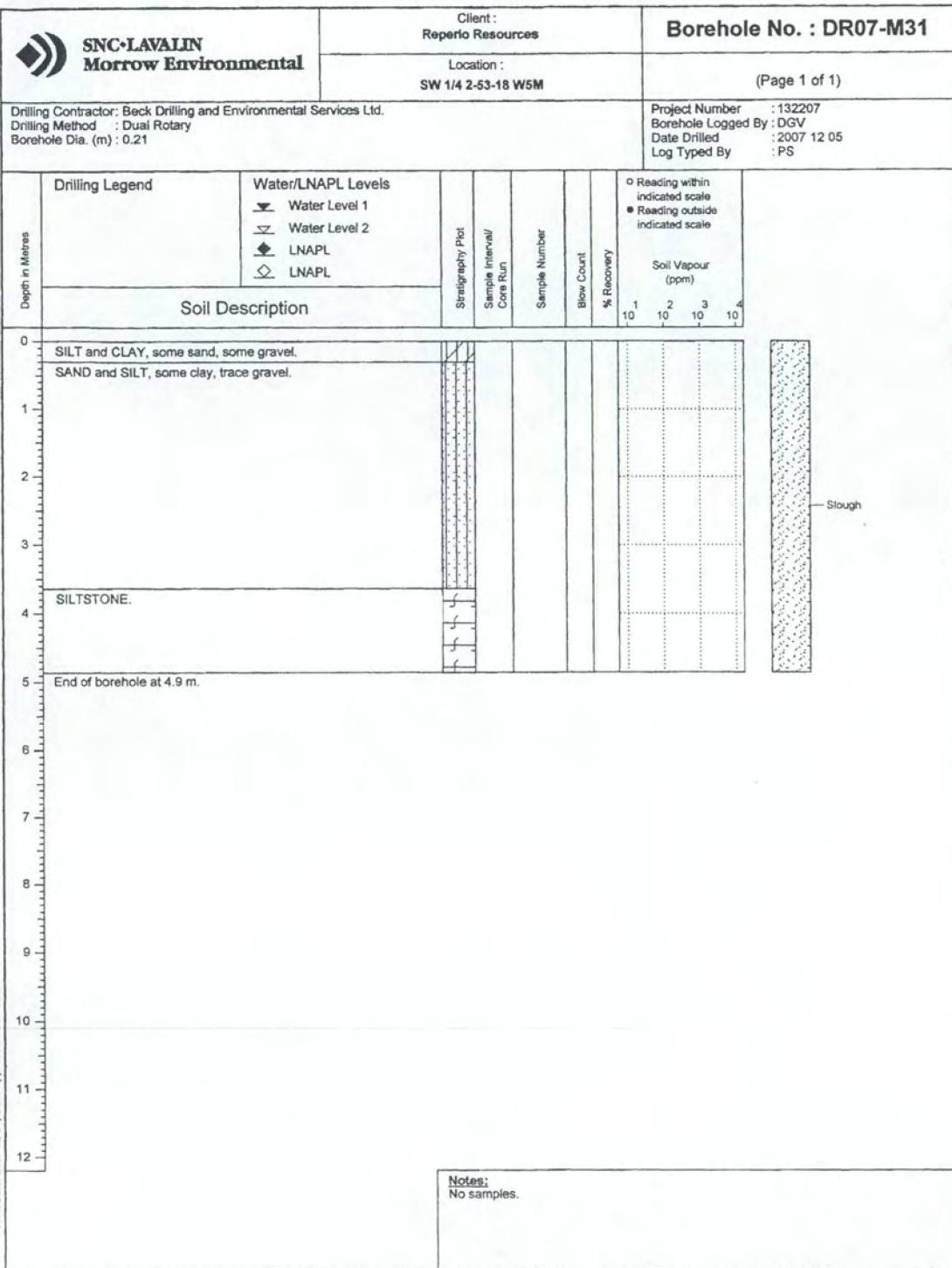
Borehole No. : DR07-M31

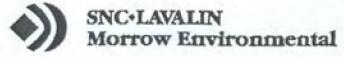
Location :
SW 1/4 2-53-18 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 05
Log Typed By : PS





Client:
Reperio Resources

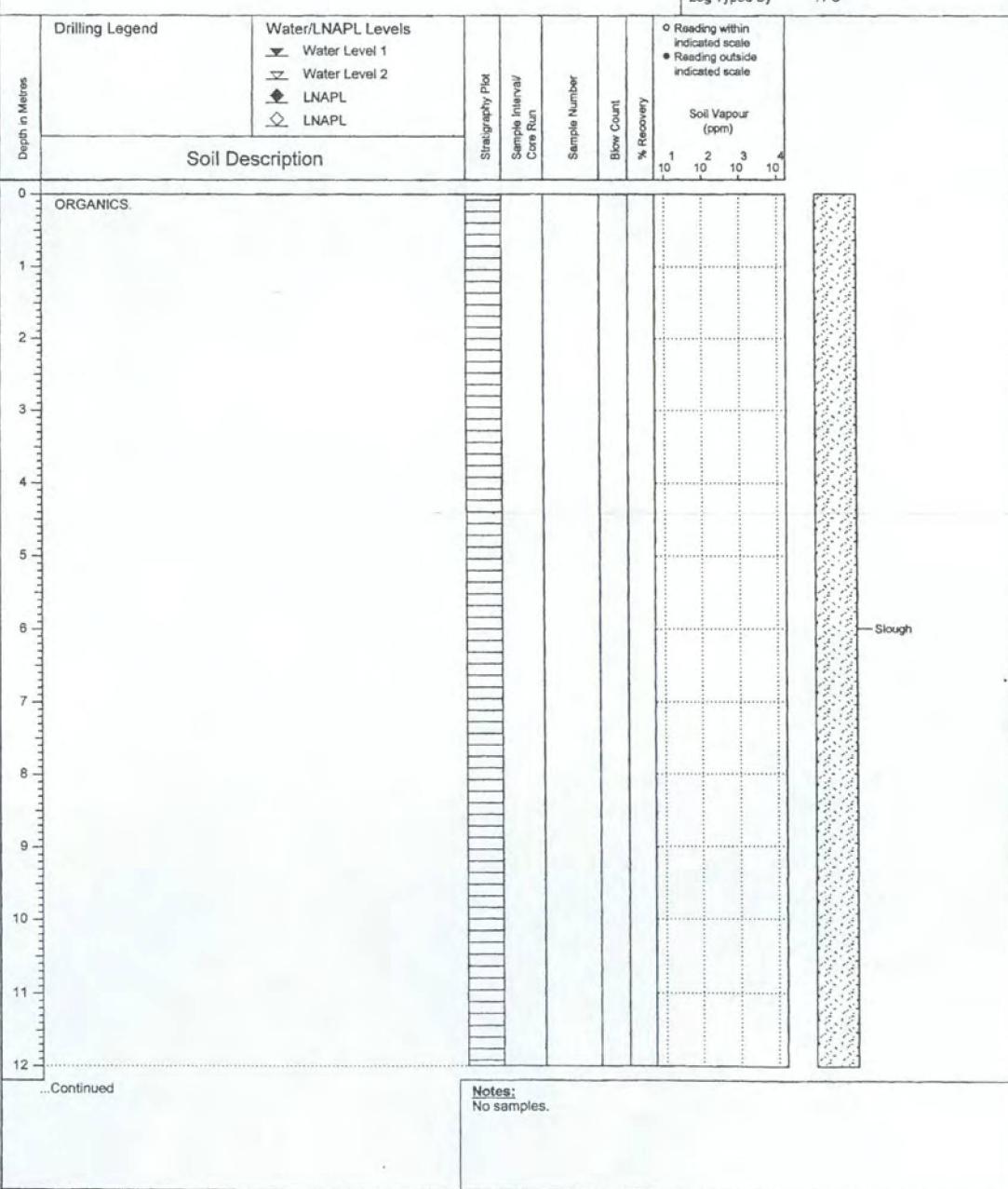
Borehole No. : DR07-M32

Location:
NE 1/4 27-52-18 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 06
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

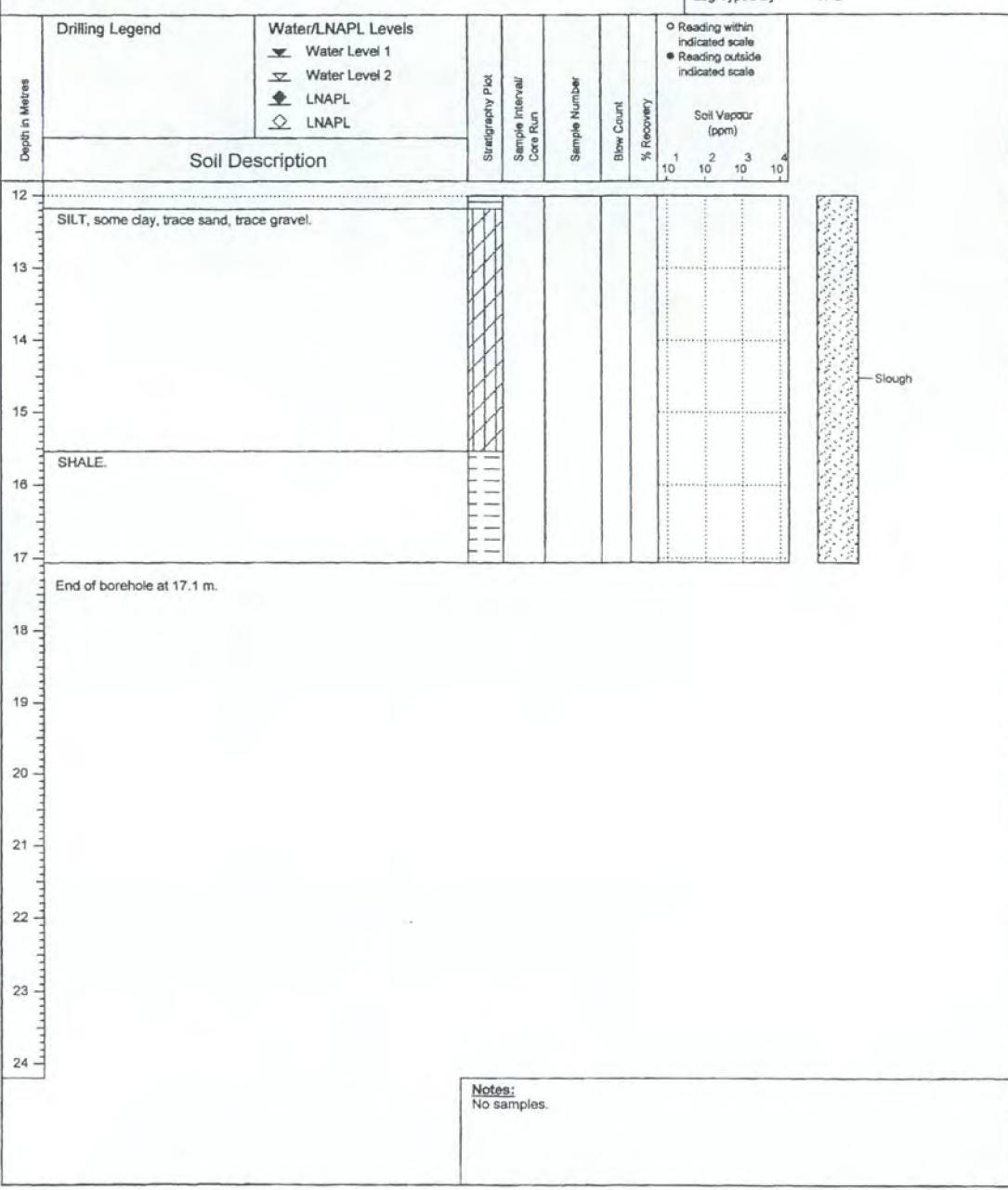
Borehole No. : DR07-M32

Location :
NE 1/4 27-52-18 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 06
Log Typed By : PS



Print Date: 2007 12 21 Date Approved: 2007 12 21



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Borehole No. : 07-M33

Location :
SE 3-53-18 W5M

(Page 1 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132206
Borehole Logged By : TAC
Date Drilled : 2007 12 03
Log Typed By : CLW

| Depth in Metres | Drilling Legend | Water/LNAPL Levels ▼ Water Level 1 ▲ Water Level 2 ◆ LNAPL ◇ LNAPL | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | | | |
|-----------------------|-----------------|--|-------------------|------------------------------|---------------|------------|------------|----------------------|---|---|---|
| | | | | | | | | 1 | 2 | 3 | 4 |
| Soil Description | | | | | | | | | | | |
| 0 | | TOPSOIL, dark brown. SILT and CLAY, medium brown. | | | | | | | | | |
| 1 | | SAND, medium brown. | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | CLAY, some sand, medium grey. | | | | | | | | | |
| 12 | | | | | | | | | | | |
| ...Continued | | | | | | | | | | | |
| Notes: No samples. | | | | | | | | | | | |



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

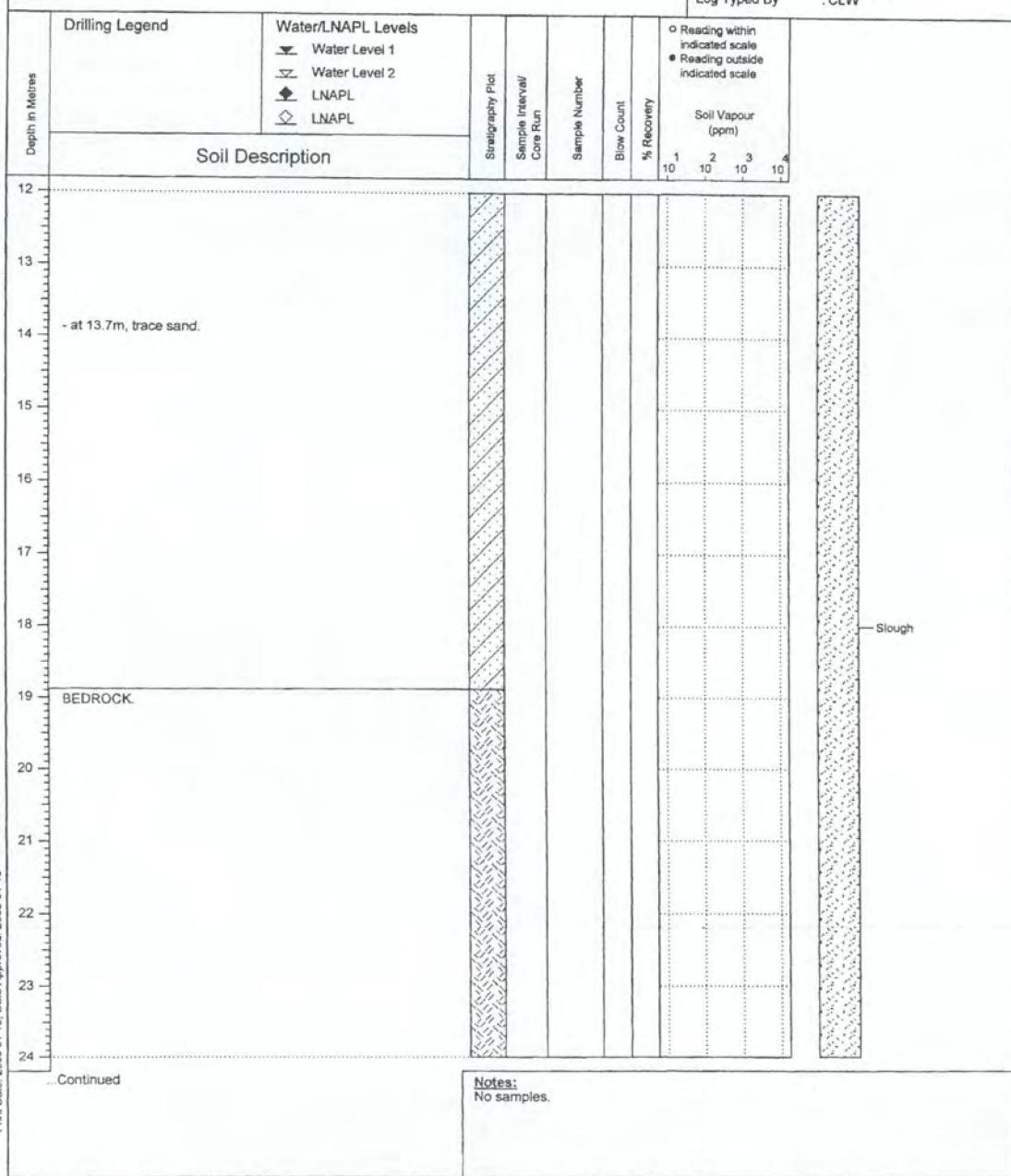
Borehole No. : 07-M33

Location :
SE 3-53-18 W5M

(Page 2 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132206
Borehole Logged By : TAC
Date Drilled : 2007 12 03
Log Typed By : CLW





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

Borehole No. : 07-M33

(Page 3 of 3)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Location :
SE 3-53-18 W5M

Borehole No. : 07-M33

(Page 3 of 3)

| | | |
|--------------------|---|------------|
| Project Number | : | 132206 |
| Borehole Logged By | : | TAC |
| Date Drilled | : | 2007 12 03 |
| Log Typed By | : | CLW |

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | Soil Vapour (ppm) | | | |
|-----------------|------------------------------|--------------------|---|------------------------------|---------------|------------|-------------------------------------|-------------------------------------|--|--|
| | | | | | | | <input type="radio"/> Water Level 1 | <input type="radio"/> Water Level 2 | <input checked="" type="radio"/> LNAPL | <input checked="" type="radio"/> LNAPL |
| | Soil Description | | | | | | | | | |
| 24 | | |  | | | | 1 10 | 2 10 | 3 10 | 4 10 |
| | End of borehole at 24.4 m. | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | | | | | | | | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| 32 | | | | | | | | | | |
| 33 | | | | | | | | | | |
| 34 | | | | | | | | | | |
| 35 | | | | | | | | | | |
| 36 | | | | | | | | | | |
| | Notes: No samples. | | | | | | | | | |



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

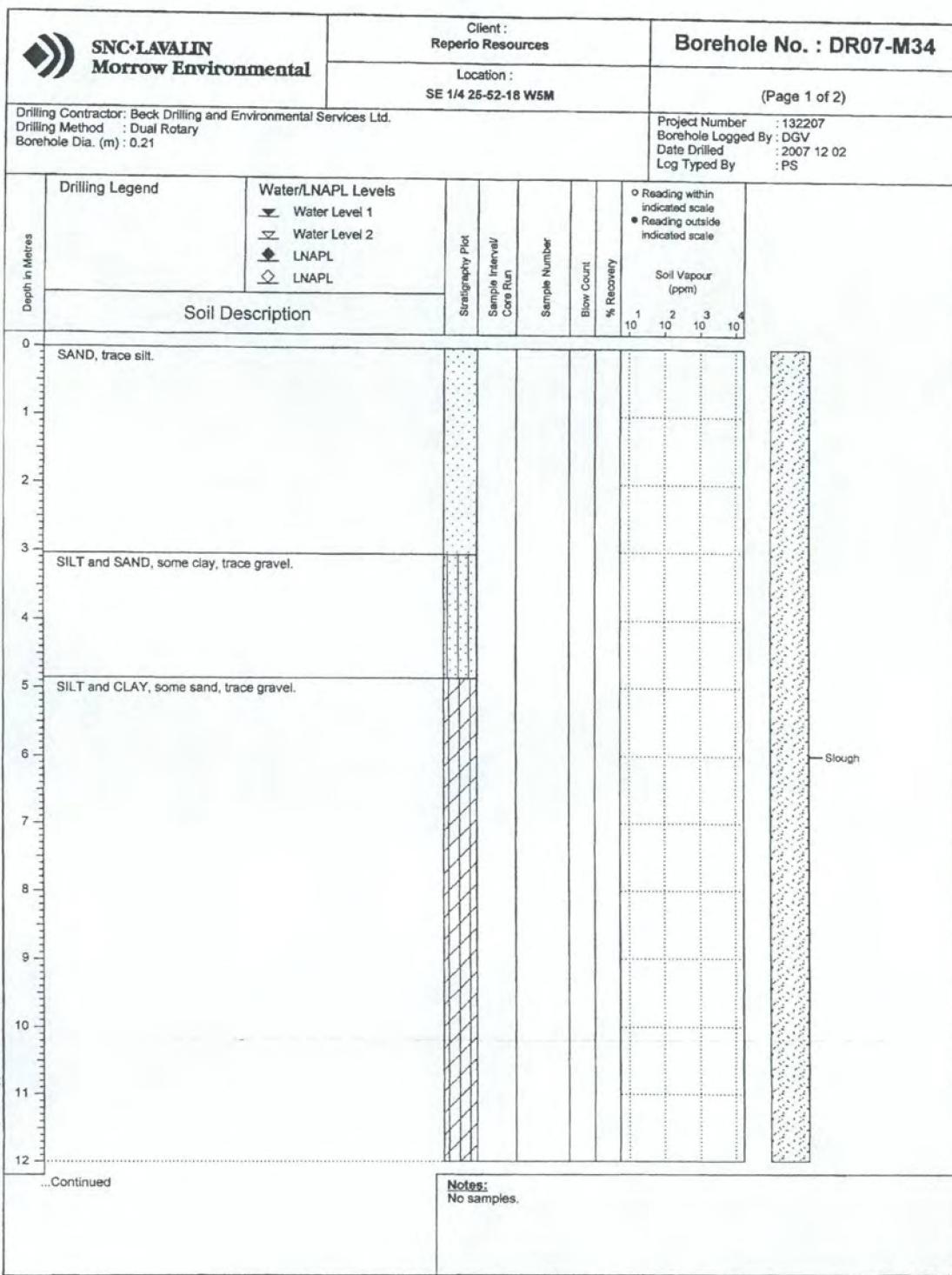
Location :
SE 1/4 25-52-18 W5M

Borehole No. : DR07-M34

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 02
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Location :

Borehole No. : DR07-M34

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 12 02
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | | | |
|-----------------|------------------|--------------------|--|-------------------|------------------------------|---------------|------------|------------|----------------------|---------------|-----------------------|-------|
| | | | | | | | | | Water Level 1 | Water Level 2 | LNAPL | LNAPL |
| | Soil Description | | | | | | | | 10 | 10 | 10 | 10 |
| 12 | | | | | | | | | 1 | 10 | 2 | 3 |
| 13 | SANDSTONE. | | | | | | | | 10 | 10 | 10 | 10 |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| | | | | | | | | | | | Notes: No samples. | |

End of borehole at 17.7 m.



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

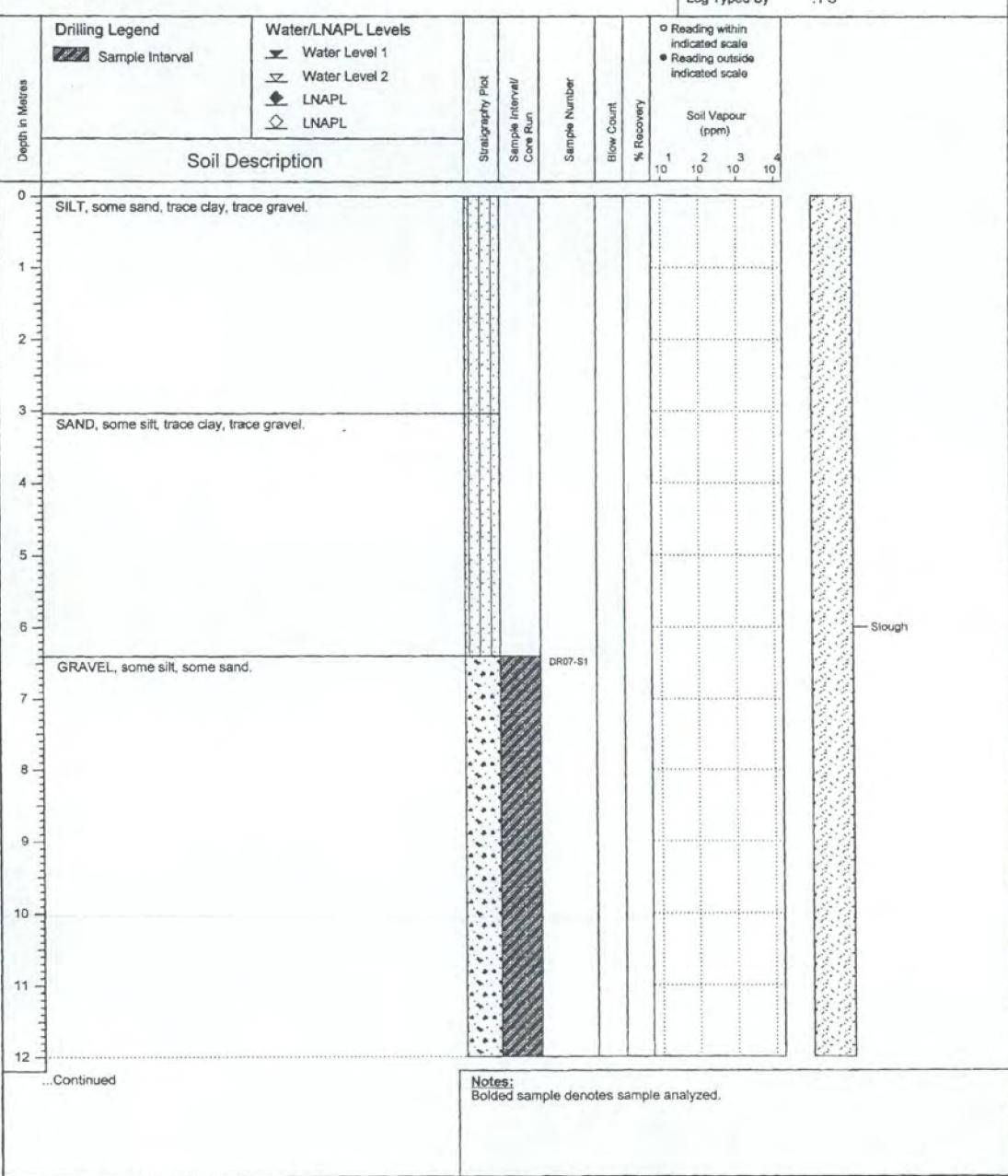
Borehole No. : DR07-S1

Location:
SW 1/4 3-46-18 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 13
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

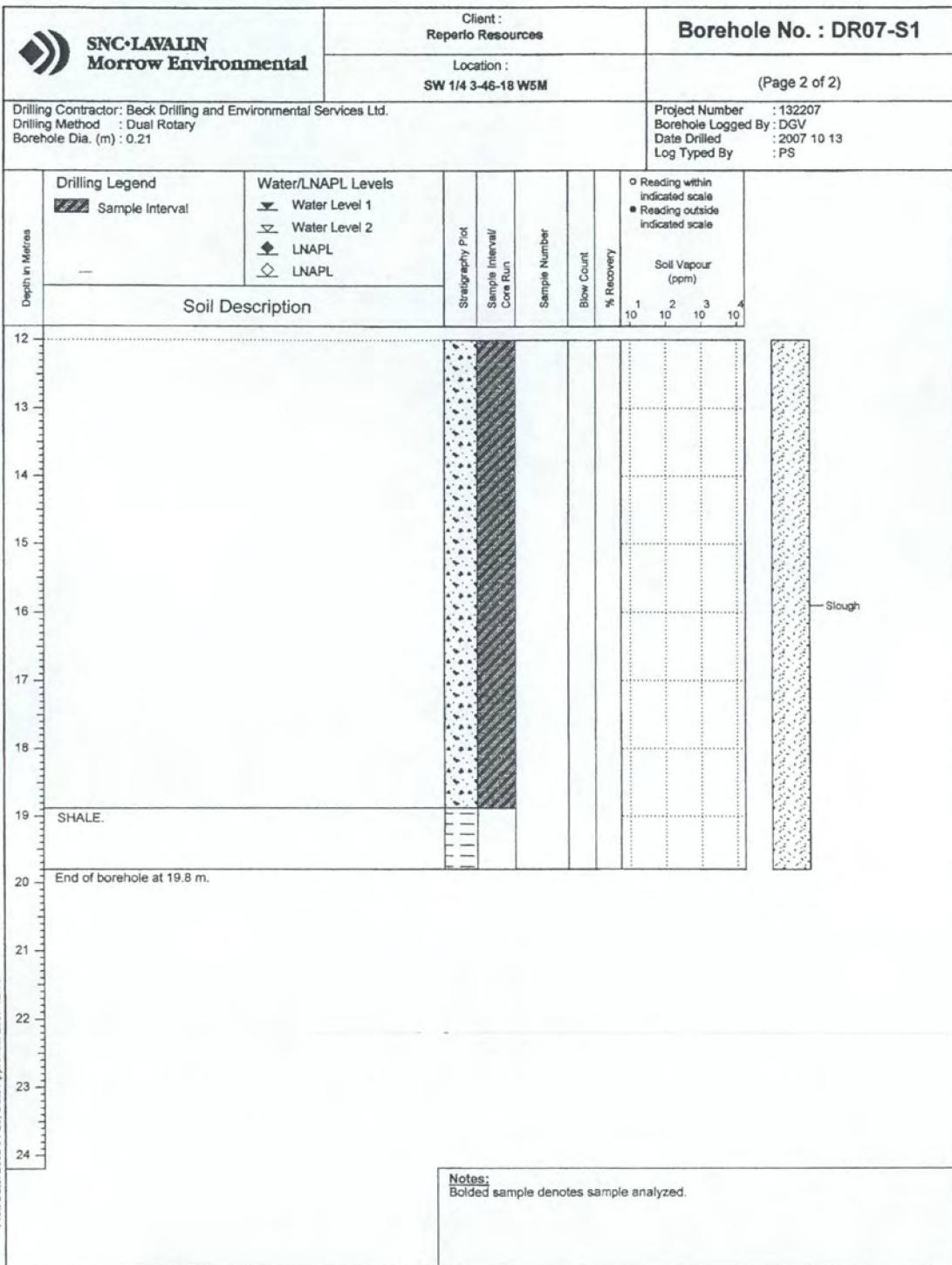
Borehole No. : DR07-S1

Location :
SW 1/4 3-46-18 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 13
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

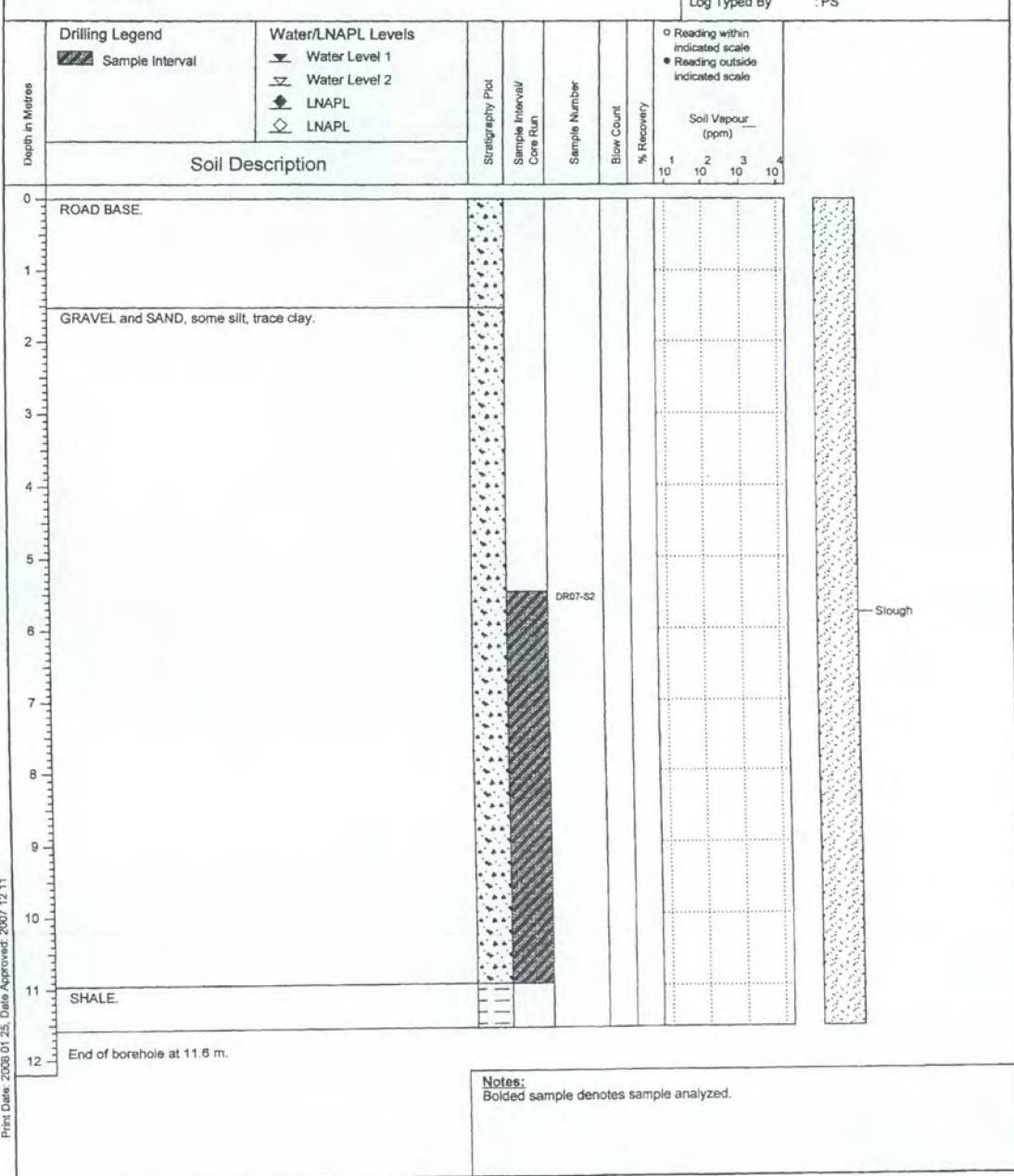
Borehole No. : DR07-S2

Location :
SE 1/4 4-46-18 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Solid Stem Auger
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 13
Log Typed By : PS





**SNC-LAVALIN
Morrow Environmental**

Client:
Reperio Resources

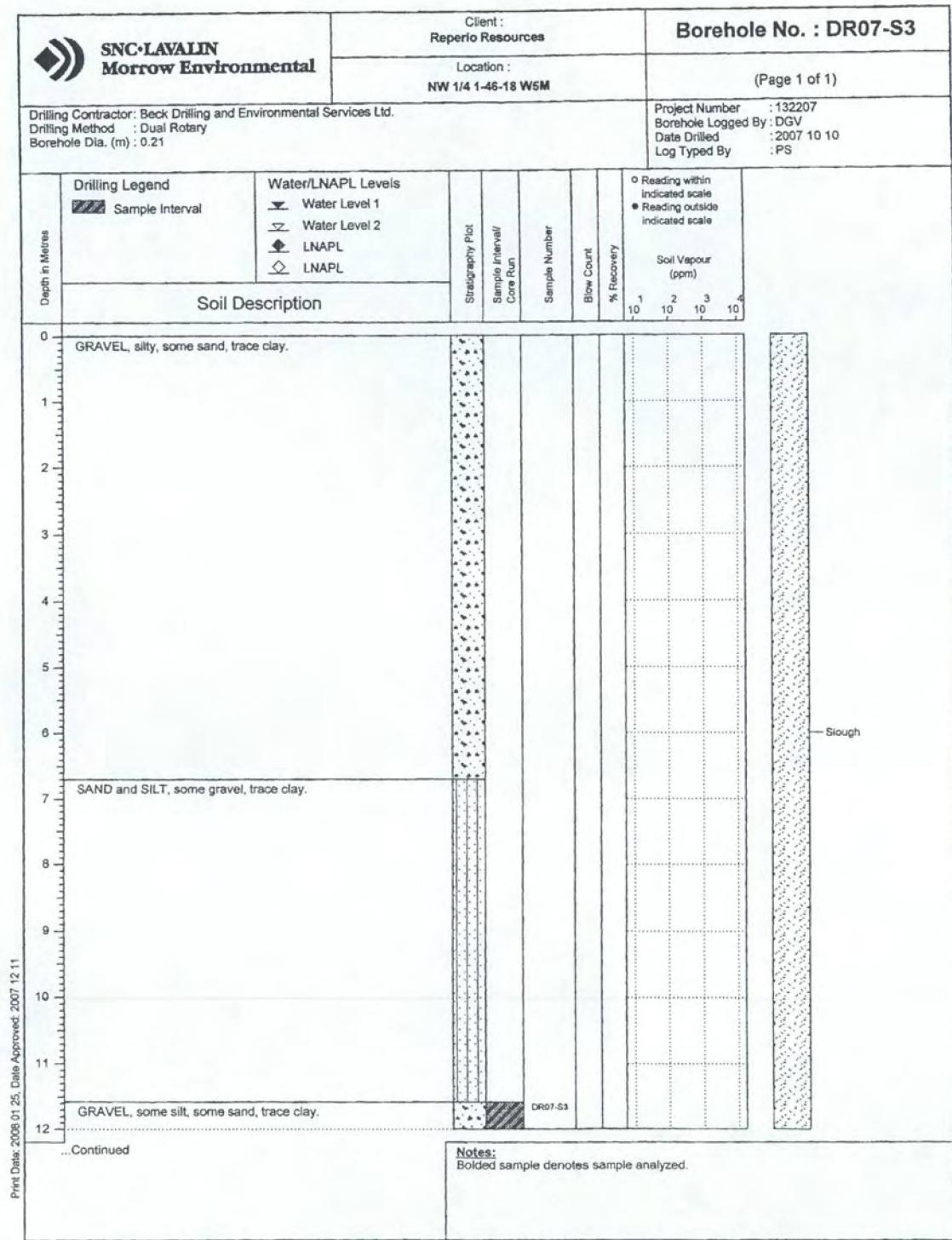
Borehole No. : DR07-S3

Location:
NW 1/4 1-46-18 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 10
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Location :

Borehole No. : DR07-S3

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 10
Log Typed By : PS

| Depth in Metres | Drilling Legend | | Water/LNAPL Levels | | Stratigraphy Plot | Sample Interval Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) |
|--|---|---------------|--------------------|-------|-------------------|--------------------------|---------------|------------|------------|-------------------|
| | Sample Interval | Water Level 1 | Water Level 2 | LNAPL | | | | | | |
| | Soil Description | | | | | | | | | |
| 0 | GRAVEL, silty, some sand, trace clay. | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | SAND and SILT, some gravel, trace clay. | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | GRAVEL, some silt, some sand, trace clay. | | | | | | | | | |
| | | | | | | DR07-S3 | | | | |
| | | | | | | | | | | |
| <p>Notes: Bolted sample denotes sample analyzed.</p> | | | | | | | | | | |



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Location :
SW 1/4 12-46-18 W5M

Borehole No. : DR07-S4

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By: DGV
Date Drilled : 2007 10 11
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | Stratigraphy Plot | Sample Interval Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | | | |
|-------------------------|---|--------------------|-------------------|--------------------------|---------------|------------|------------|-------------------|---|---|---|
| | Sample Interval | Water Level 1 | | | | | | 1 | 2 | 3 | 4 |
| | | Water Level 2 | 10 | 10 | 10 | 10 | | | | | |
| Soil Description | | | | | | | | | | | |
| 0 | GRAVEL, some sand, some silt, trace clay. | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | SAND, some silt, trace gravel. | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |

Print Date: 2008 01 26 Date Approved: 2007 12 11

...Continued

Notes:
Bolded sample denotes sample analyzed.



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

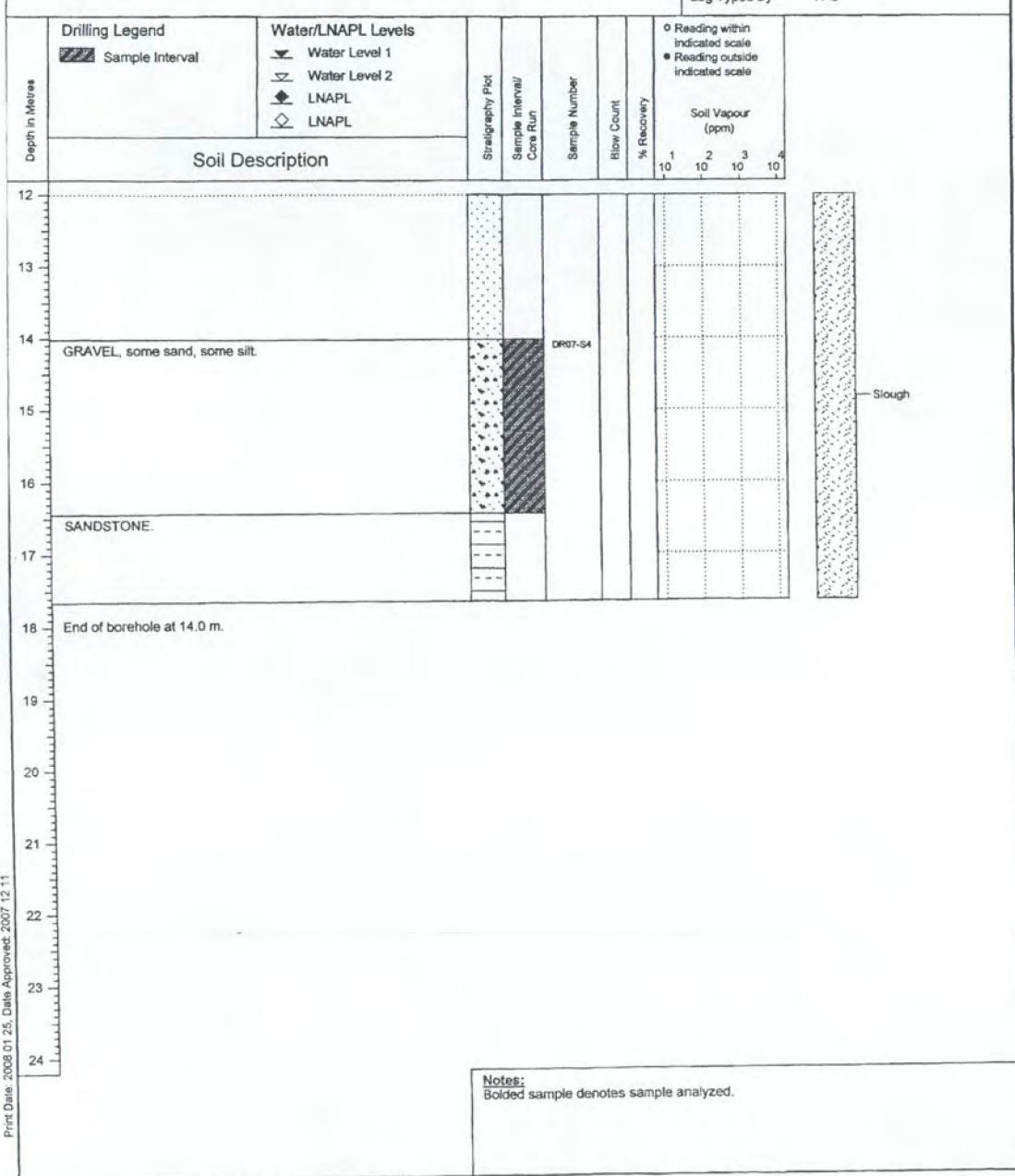
Location:
SW 1/4 12-46-18 W5M

Borehole No. : DR07-S4

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 11
Log Typed By : PS



Print Date: 2008 01 25, Data Approved: 2007 12 11



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

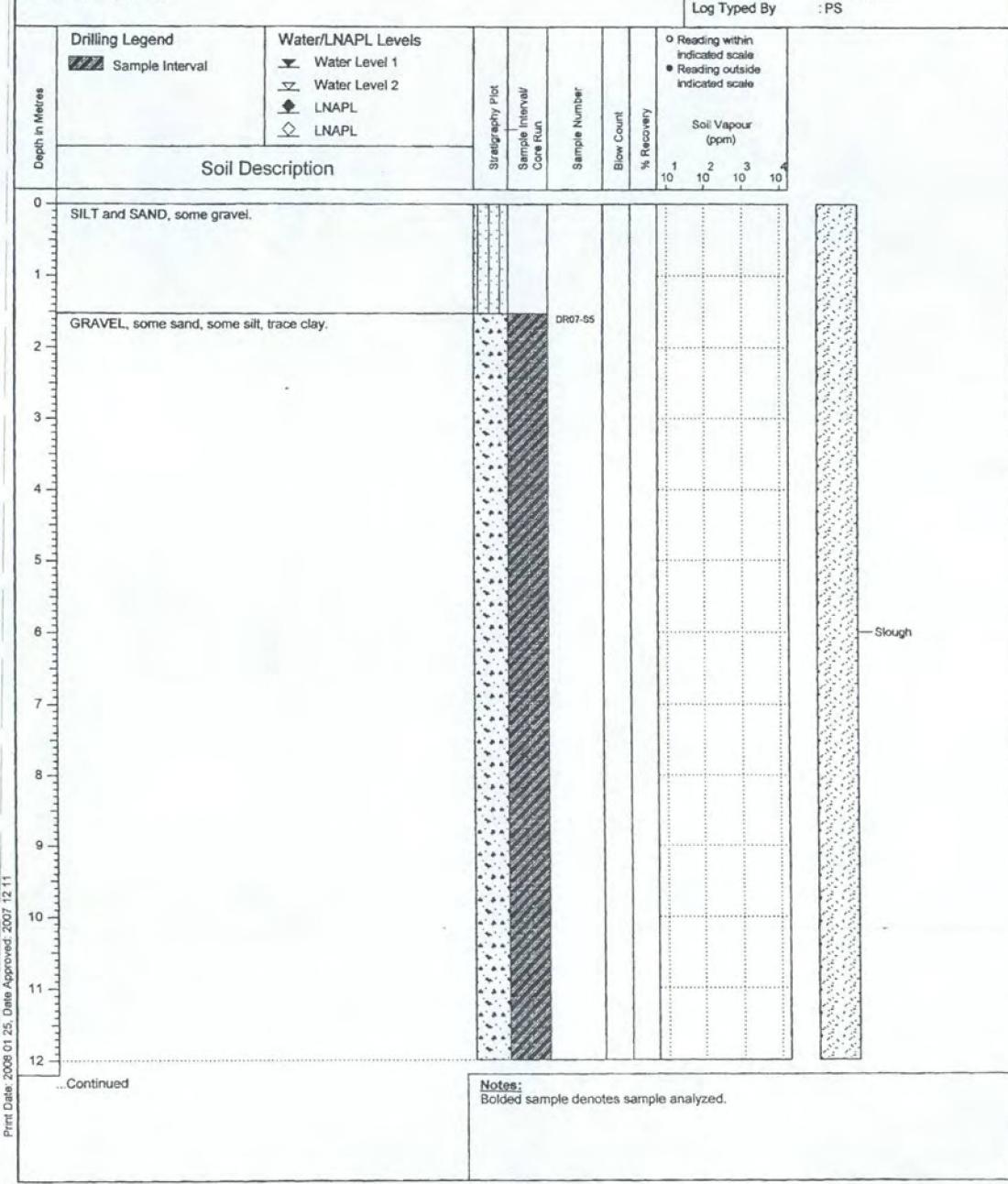
Borehole No. : DR07-S5

Location :
NE 1/4 12-46-18 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 12
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

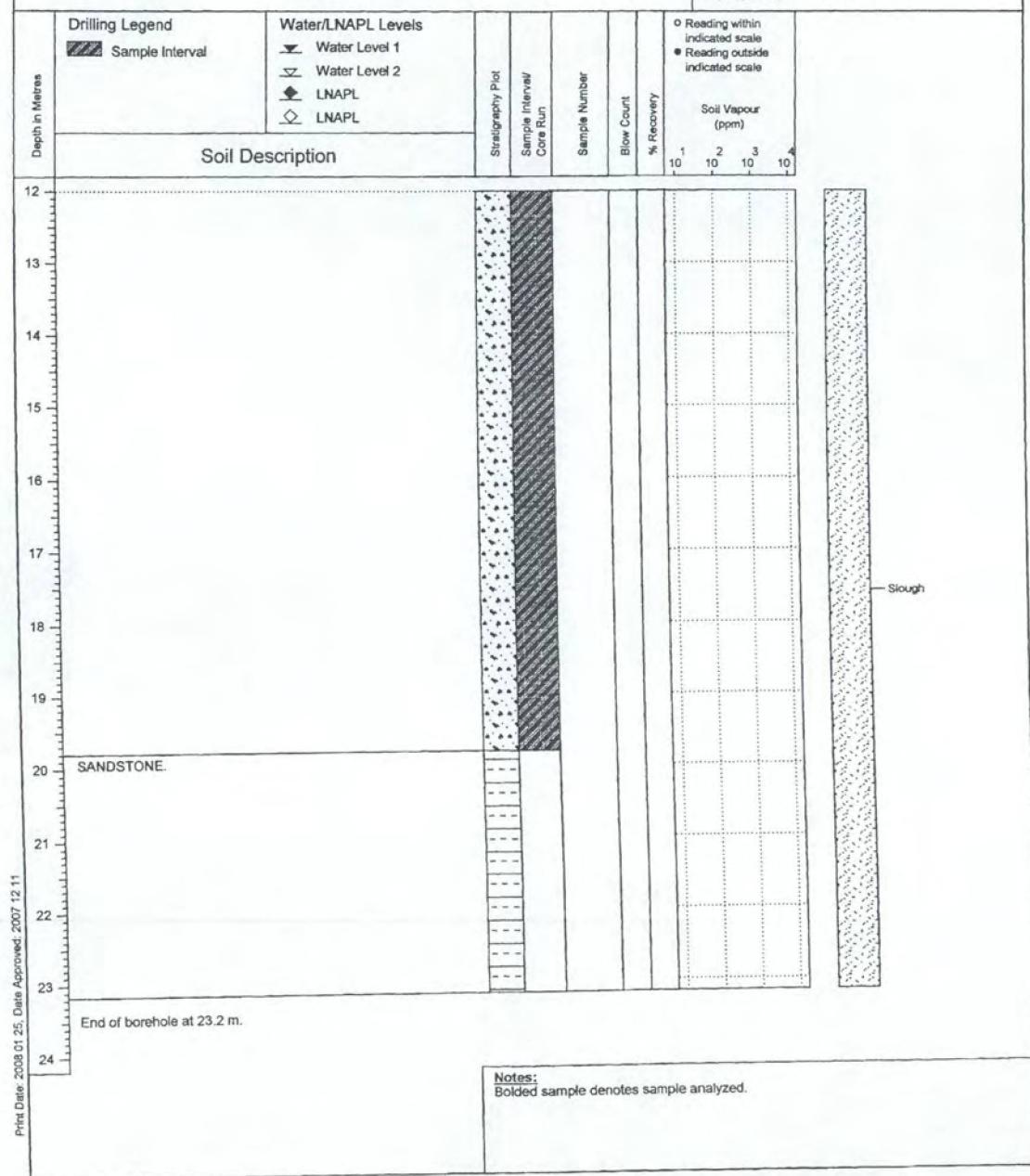
Location:
NE 1/4 12-46-18 W5M

Borehole No. : DR07-S5

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 12
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

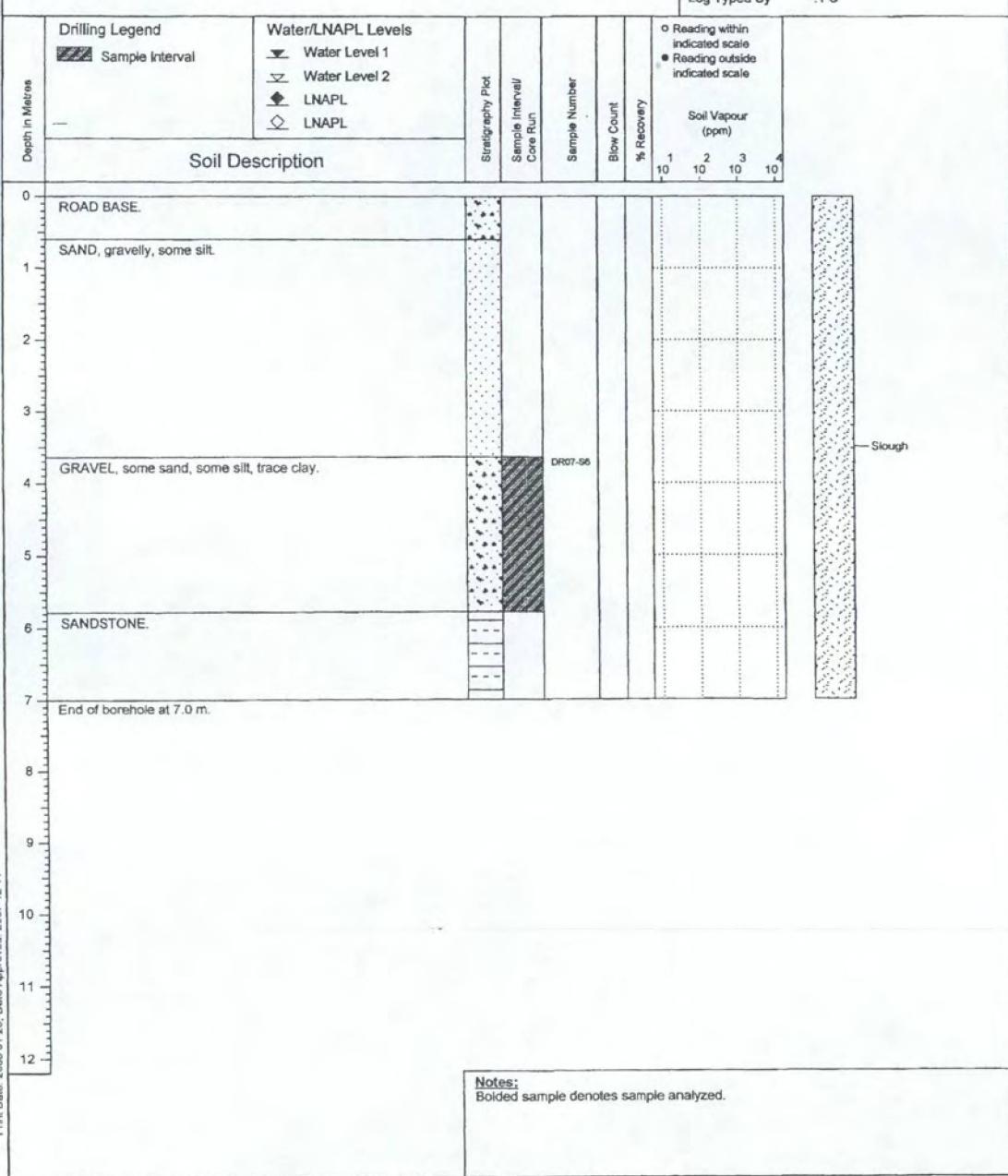
Borehole No. : DR07-S6

Location:
NE 1/4 19-46-17 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 12
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Location :

Borehole No. : DR07-S7

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 12
Log Typed By : PS

Print Date: 2008/1/20, Data Acquired On: 2007/11/11

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | Stratigraphy Plot | | | | |
|-----------------|---|--|-------------------|-----------------------|-------------------|---------------|---|
| | | | | Sample Interval | Core Run | Sample Number | % Recovery |
| 0 | | Water Level 1 Water Level 2 LNAPL LNAPL | | | | | ○ Reading within indicated scale ● Reading outside indicated scale |
| 0 | Soil Description | | | | Soil Vapour (ppm) | | |
| 0 | GRAVEL and SAND, some silt, trace clay. | | | | 10 10 10 10 | | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | SAND, some gravel, some silt. | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | SILT and SAND, trace gravel. | | | | | | |
| 10 | - between 10.3 m and 10.7 m, some gravel. | | | | | | |
| 11 | SANDSTONE. | | | | | | |
| 12 | | | | | | | |
| ...Continued | | | | Notes: No samples. | | | |

The stratigraphy plot shows the following soil descriptions across different depths:

- 0 m: GRAVEL and SAND, some silt, trace clay.
- 4 m: SAND, some gravel, some silt.
- 8 m: SILT and SAND, trace gravel.
- 10 m: - between 10.3 m and 10.7 m, some gravel.
- 11 m: SANDSTONE.

A vertical line on the right side of the plot is labeled "Slough". A legend at the top right indicates that a circle represents a reading within the indicated scale, and a dot represents a reading outside the indicated scale.



SNC-LAVALIN
Morrow Environmental

Client :
Repero Resources

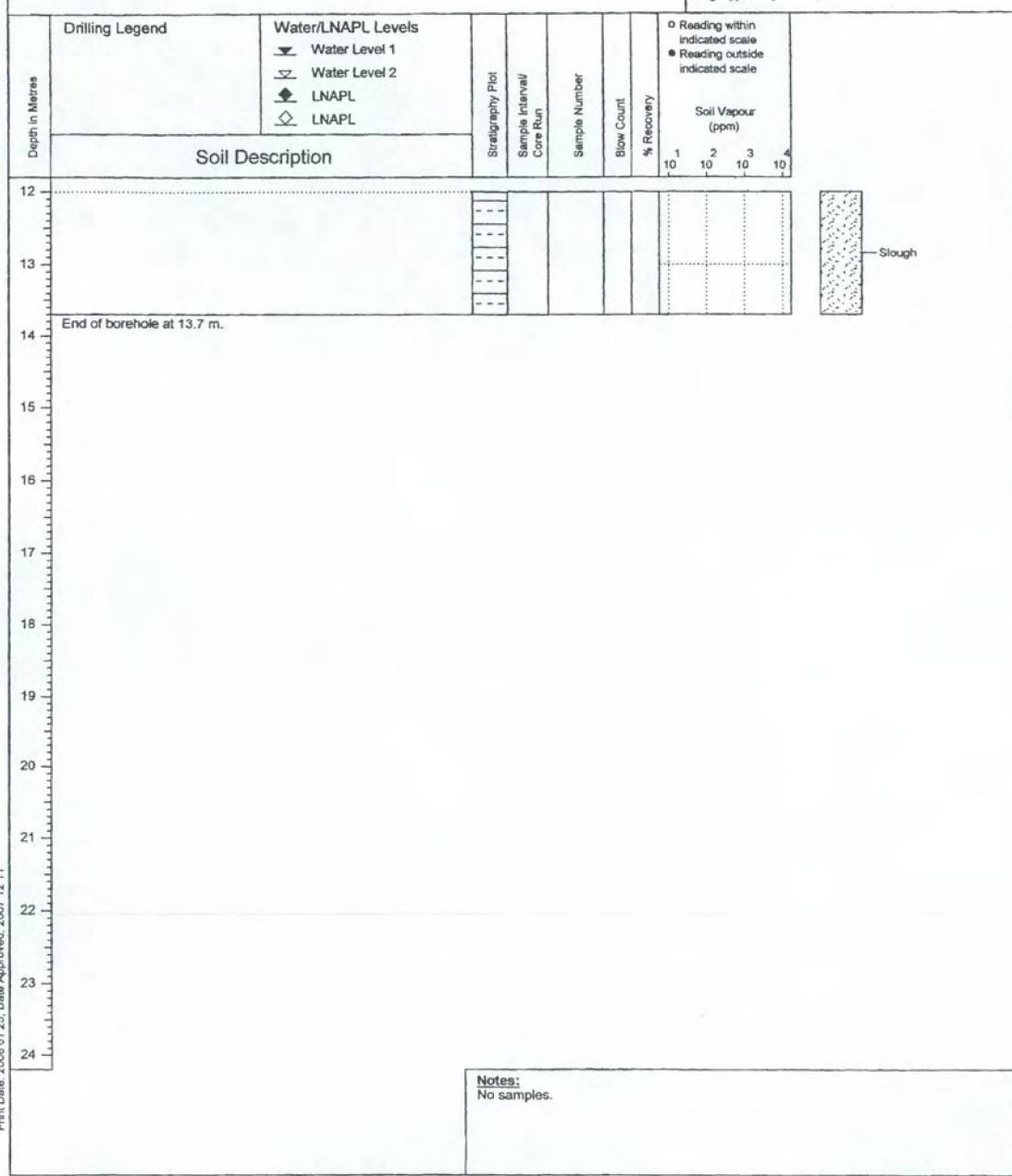
Location :
NE 1/4 19-46-17 W5M

Borehole No. : DR07-S7

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 12
Log Typed By : PS





**SNC-LAVALIN
Morrow Environmental**

Client :
Reperio Resources

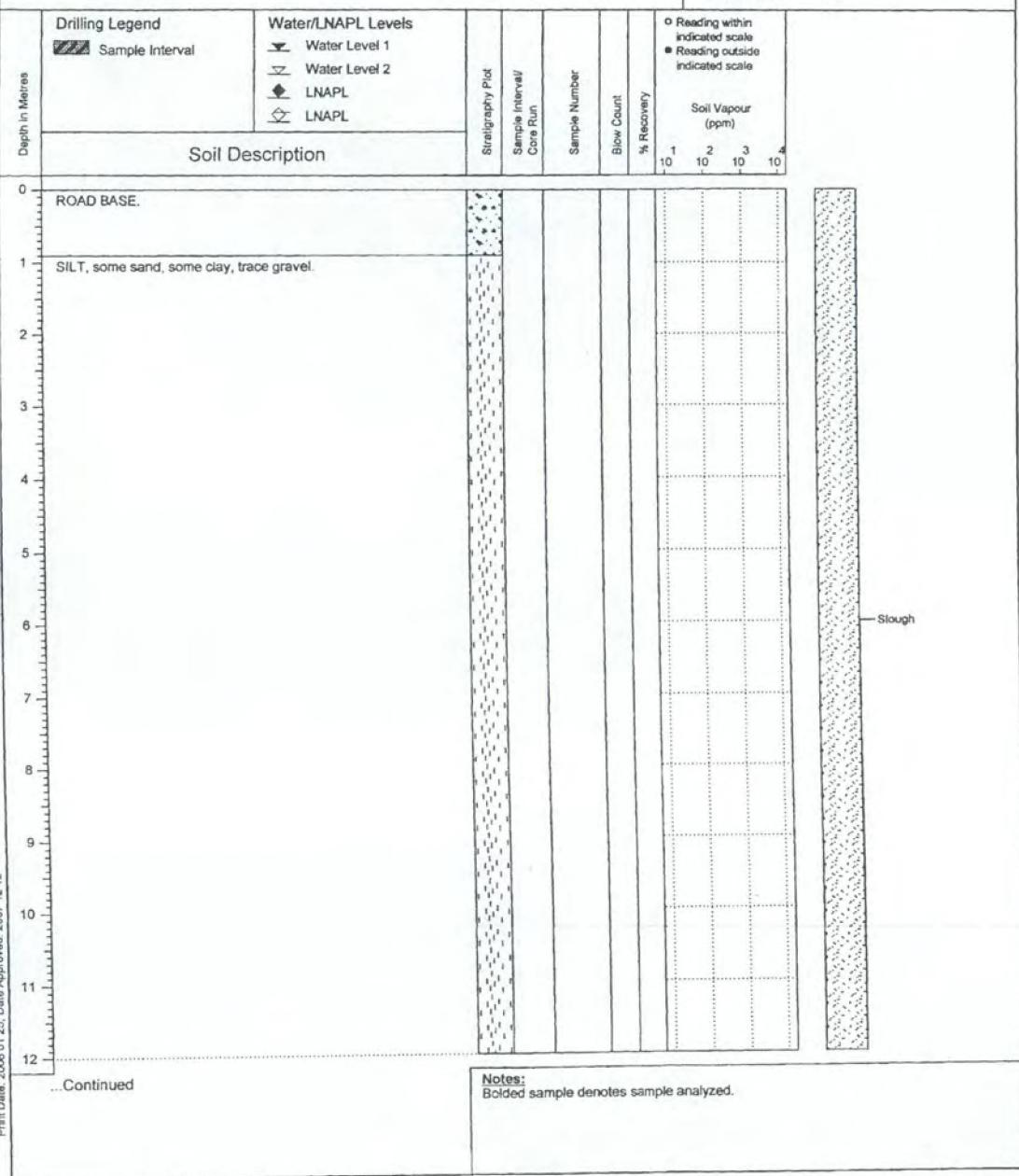
Borehole No. : DR07-S8

Location :
SE 1/4 30-46-17 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 11
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

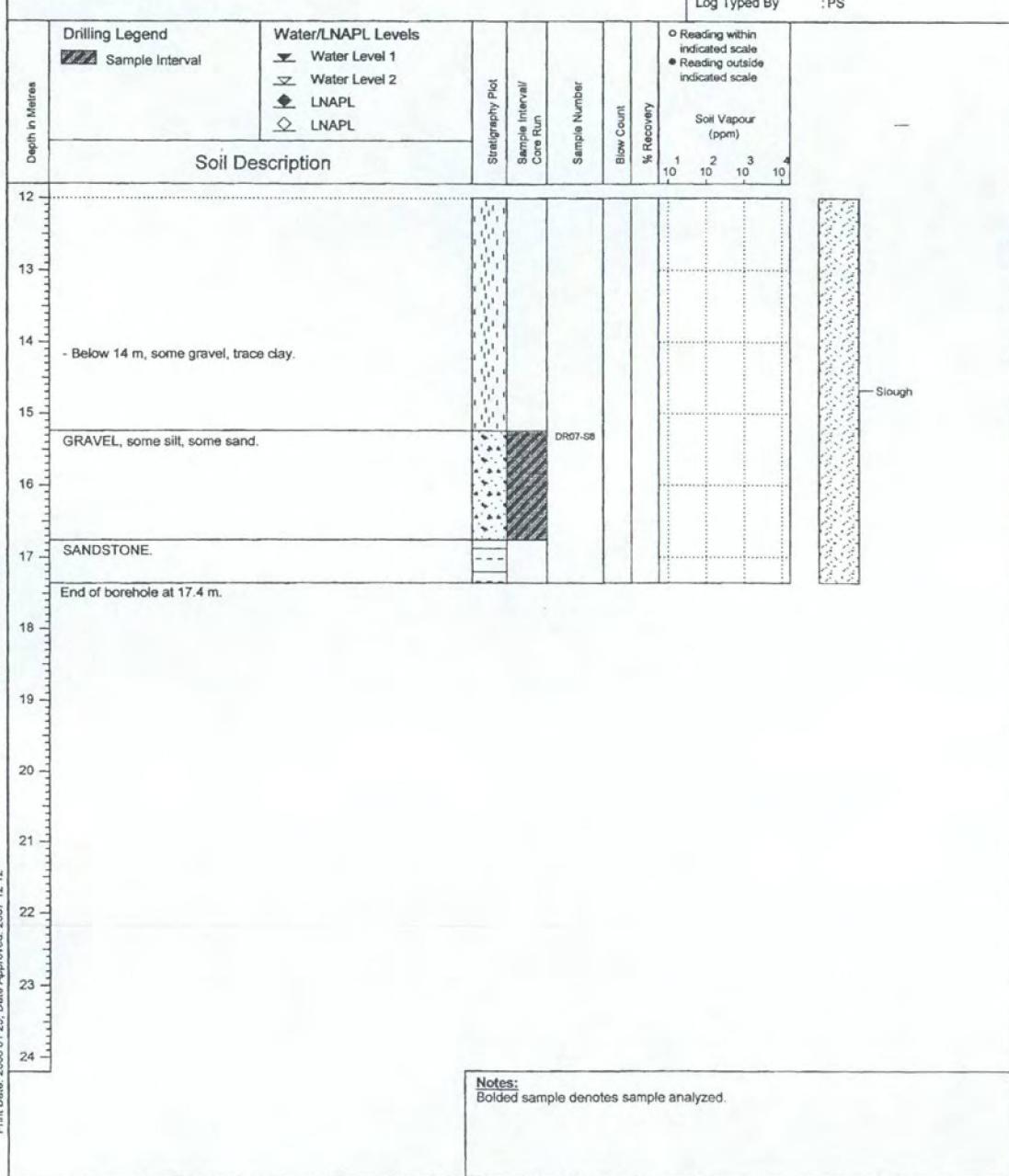
Borehole No. : DR07-S8

Location :
SE 1/4 30-46-17 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 11
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

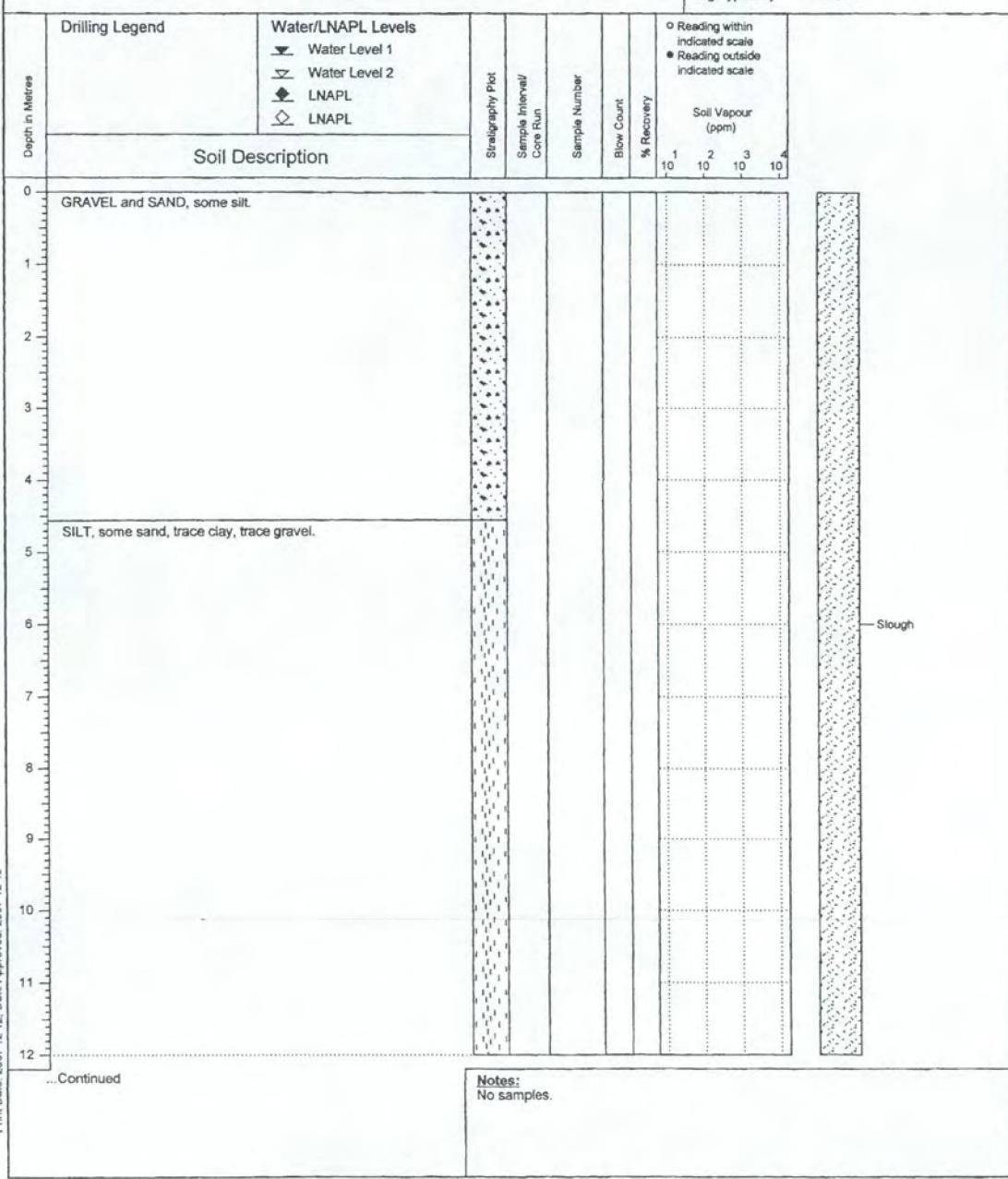
Borehole No. : DR07-S9

Location:
SW 1/4 30-46-17 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 11
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Borehole No. : DR07-S9

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Location :
SW 1/4 30-46-17 W5M

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 11
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | | | | | |
|--------------------------------------|----------------------------|--------------------|-------------------|------------------------------|---------------|------------|----------------------|
| | | | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery |
| | | | | | | | Soil Vapour (ppm) |
| | | | | | | | 1 10 10 10 10 10 4 |
| Soil Description | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | SANDSTONE. | | | | | | |
| 17 | | | | | | | |
| 18 | End of borehole at 17.4 m. | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
| <p>Notes: No samples.</p> | | | | | | | |

The diagram shows a borehole profile from 12m to 24m depth. The top 16m is labeled 'SANDSTONE'. Between 16m and 17m, there is a layer described as 'Slough'. A vertical dashed line marks the end of the borehole at 17.4m. The legend indicates symbols for Water Level 1 (solid triangle), Water Level 2 (open triangle), LNAPL (solid diamond), and LNAPL (open diamond). The notes section at the bottom states 'No samples.'



**SNC-LAVALIN
Morrow Environmental**

Client:
Reperio Resources

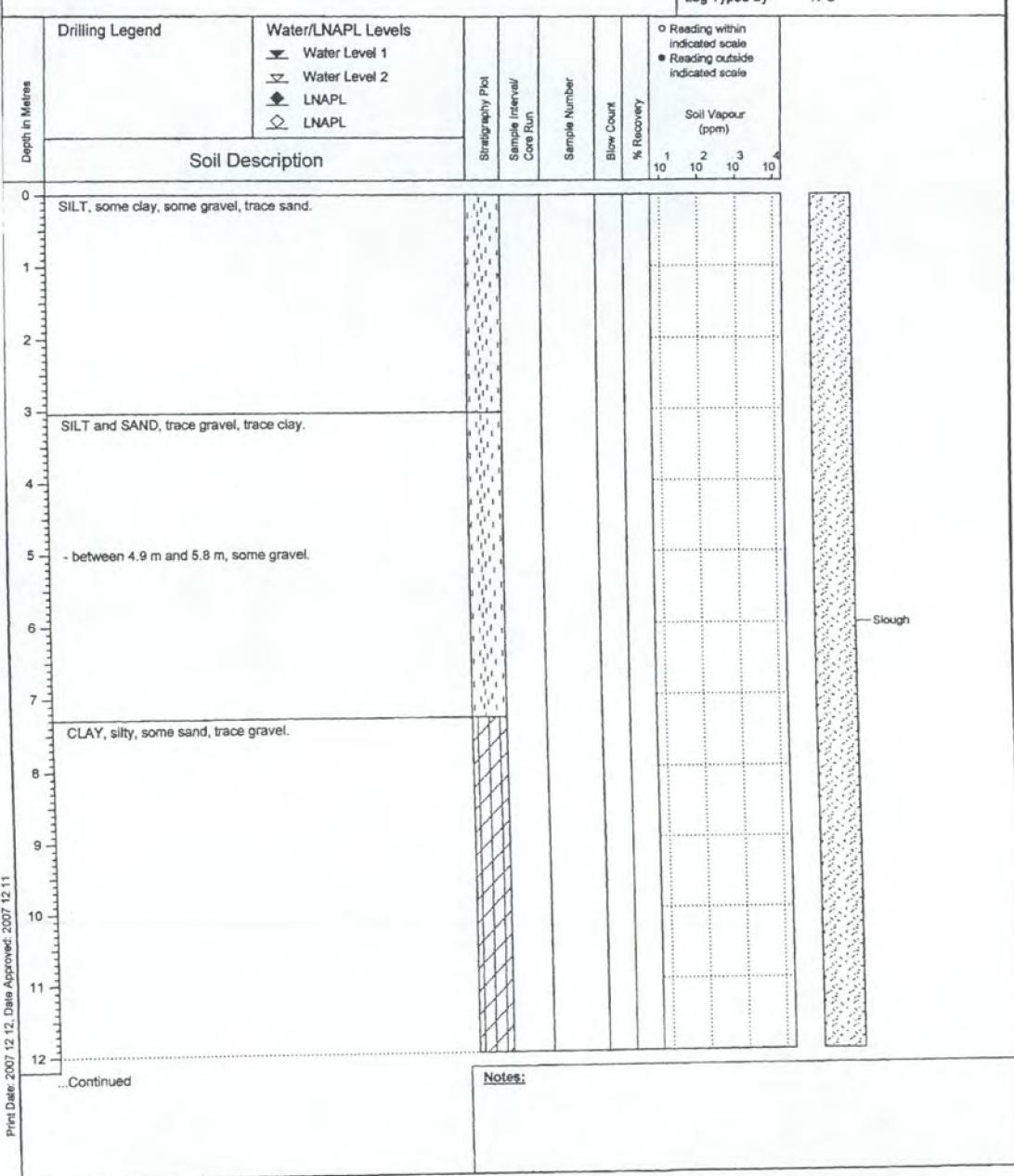
Location:
NW 1/4 30-46-17 W5M

Borehole No. : DR07-S10

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 11
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Borehole No. : DR07-S10

Location :
NW 1/4 30-46-17 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 11
Log Typed By : PS

| Depth in Metres | Drilling Legend | | Water/LNAPL Levels | | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Bore Count | % Recovery | Soil Vapour (ppm) | |
|-----------------|----------------------------|--|--------------------|---------------|-------------------|------------------------------|---------------|------------|------------|----------------------|---|
| | | | | Water Level 1 | | | | | | | |
| | Soil Description | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | SHALE, weathered. | | | | | | | | | |  |
| 18 | End of borehole at 17.7 m. | | | | | | | | | |  |
| 19 | | | | | | | | | | | |
| 20 | | | | | | | | | | | |
| 21 | | | | | | | | | | | |
| 22 | | | | | | | | | | | |
| 23 | | | | | | | | | | | |
| 24 | | | | | | | | | | | |
| | <u>Notes:</u> | | | | | | | | | | |



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Borehole No. : DR07-T1

Location :
NW 1/4 3-48-12 W5M

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 15
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery | Soil Vapour (ppm) | | | |
|-------------------------|-----------------|--|-------------------|------------------------------|---------------|------------|------------|-------------------|---------------|-------|-------|
| | | | | | | | | Water Level 1 | Water Level 2 | LNAPL | LNAPL |
| Soil Description | | | | | | | | | | | |
| 0 | | SILT, some clay, trace sand, trace gravel. | | | | | | 10 | 10 | 10 | 10 |
| 1 | | | | | | | | 1 | 2 | 3 | 4 |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |

Print Date: 2007 12 12, Date Approved: 2007 12 11

...Continued

Notes:
No samples.



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

Borehole No. : DR07-T1

Location :
NW 1/4 3-48-12 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 15
Log Typed By : PS



SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

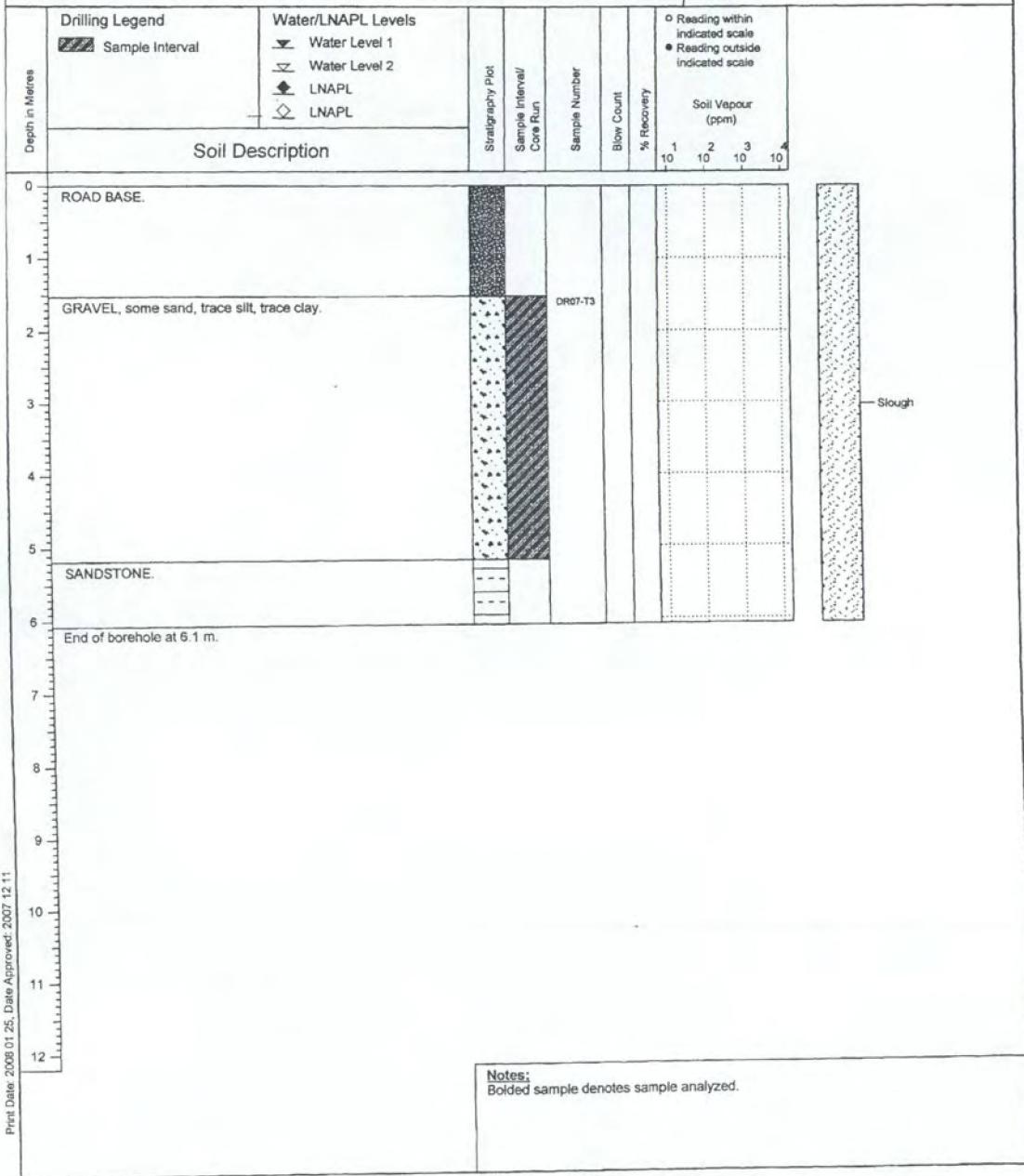
Borehole No. : DR07-T3

Location :
NE 1/4 3-48-12 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 17
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client:
Reperio Resources

Borehole No. : DR07-T4

Location :
NW 1/4 2-48-12 W5M

(Page 1 of 1)

Drilling Contractor: Beck Drilling and Environmental Services Ltd
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 17
Log Typed By : PS

| Depth in Metres | Drilling Legend | Water/LNAPL Levels | | | | | |
|-----------------|------------------|--------------------|-------------------|------------------------------|---------------|-------------------|---|
| | | | Stratigraphy Plot | Sample Interval/ Core Run | Sample Number | Blow Count | % Recovery |
| | | | | | | | ○ Reading within indicated scale ● Reading outside indicated scale |
| | | | | | | Soil Vapour (ppm) | |
| | | | | | | 10 | 1 10 2 10 3 10 4 |
| 0 | Soil Description | | | | | | CLAY, some silt, trace sand, trace gravel. |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 5.5 | | | | | | | SILT and SAND, some gravel, trace clay. |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 8.5 | | | | | | | |
| 9 | | | | | | | SANDSTONE. |
| 9.4 | | | | | | | End of borehole at 9.4 m. |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| | | | | | | | Notes: No samples. |

Slough



SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

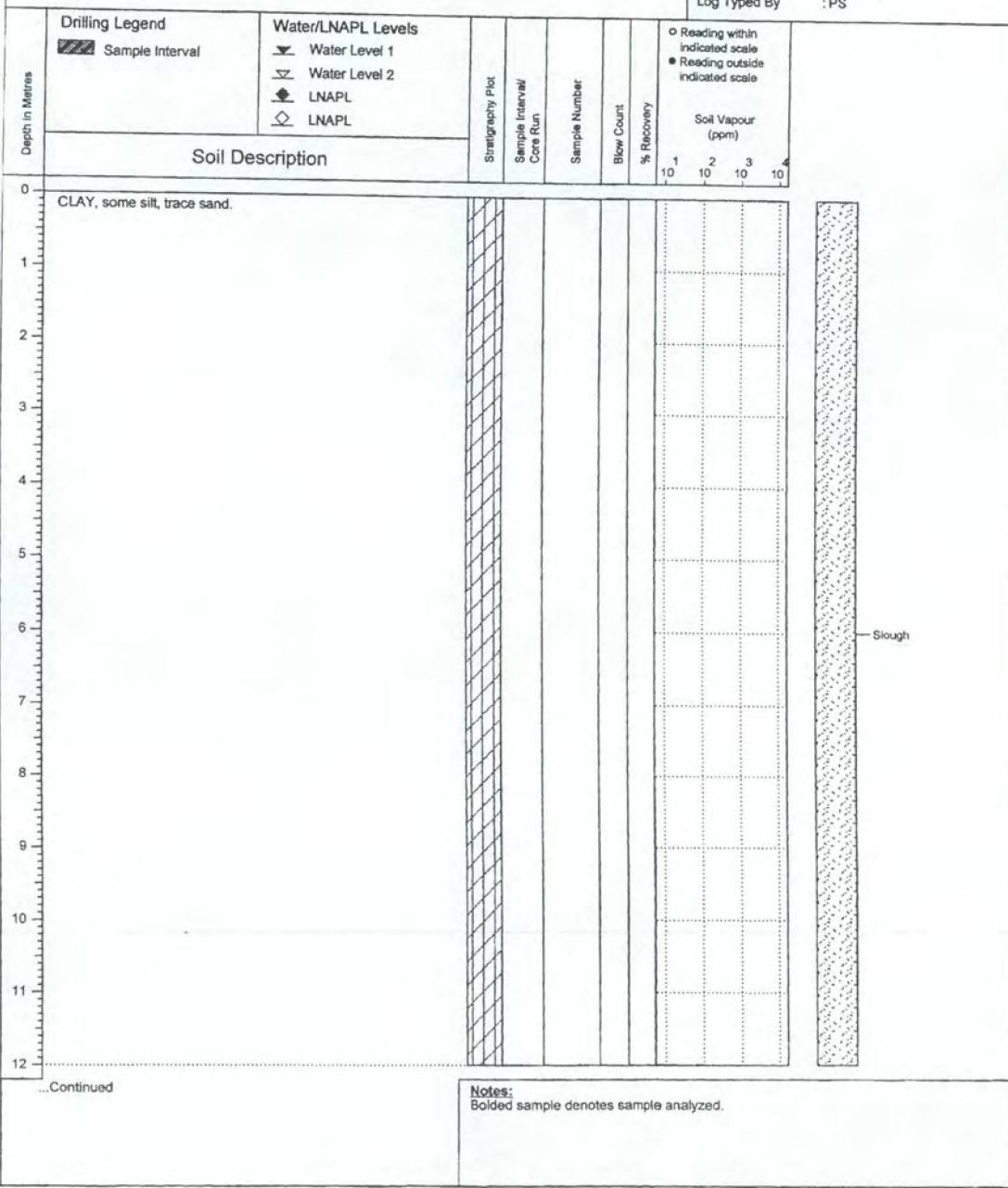
Location :
SE 1/4 10-48-12 W5M

Borehole No. : DR07-T5

(Page 1 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 17
Log Typed By : PS





SNC-LAVALIN
Morrow Environmental

Client :
Reperio Resources

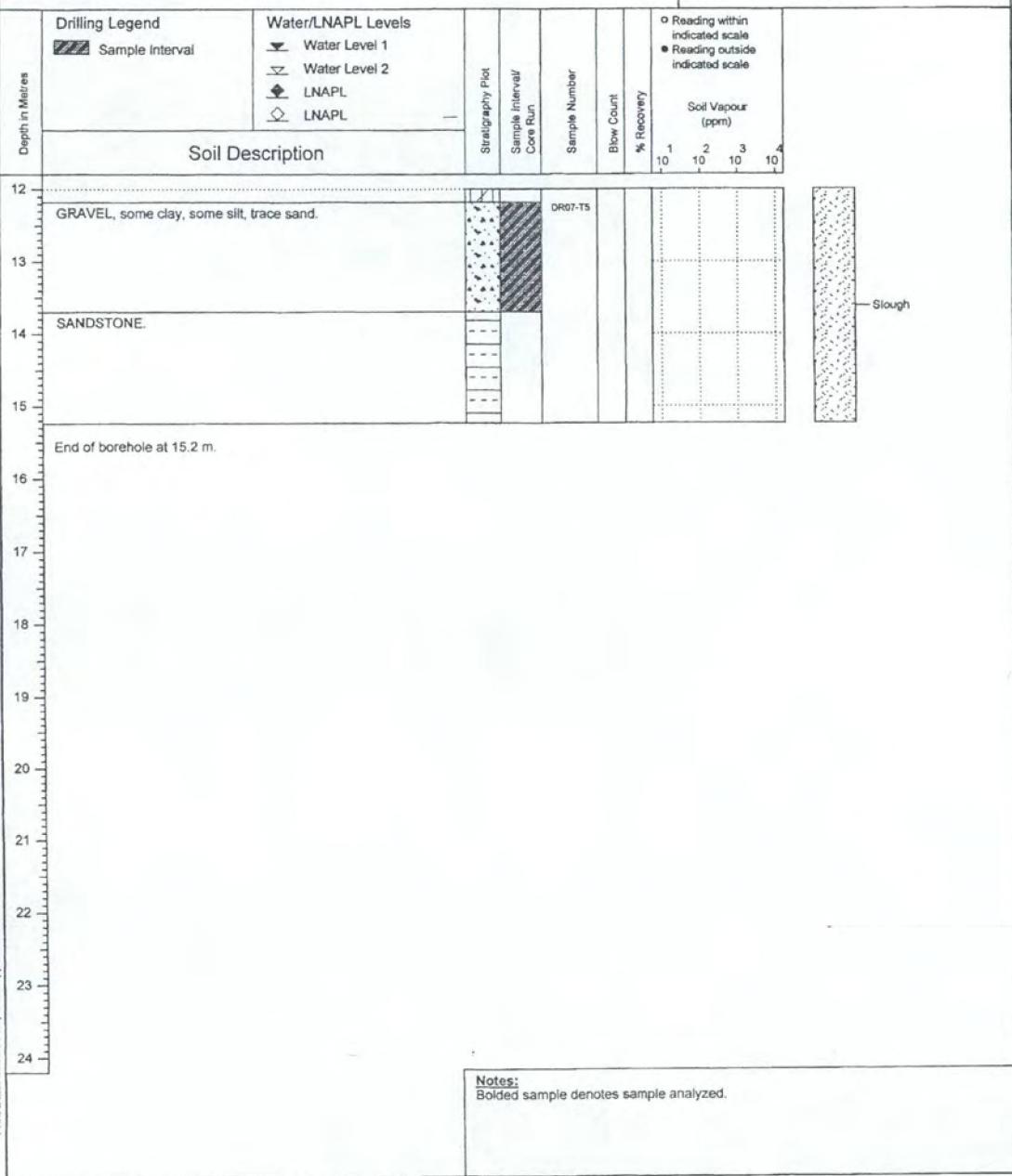
Borehole No. : DR07-T5

Location :
SE 1/4 10-48-12 W5M

(Page 2 of 2)

Drilling Contractor: Beck Drilling and Environmental Services Ltd.
Drilling Method : Dual Rotary
Borehole Dia. (m) : 0.21

Project Number : 132207
Borehole Logged By : DGV
Date Drilled : 2007 10 17
Log Typed By : PS



APPENDIX II

Laboratory Assay Results



Chain of Custody Form

**Saskatchewan Research Council
Geoanalytical Laboratories**
 125-15 Innovation Blvd
 Saskatoon SK Canada S7N 2X8
 Tel: (1) 306 933-5426
 Fax: (1) 306 933-5656
 e-mail: geolab@src.sk.ca
 website: www.src.sk.ca

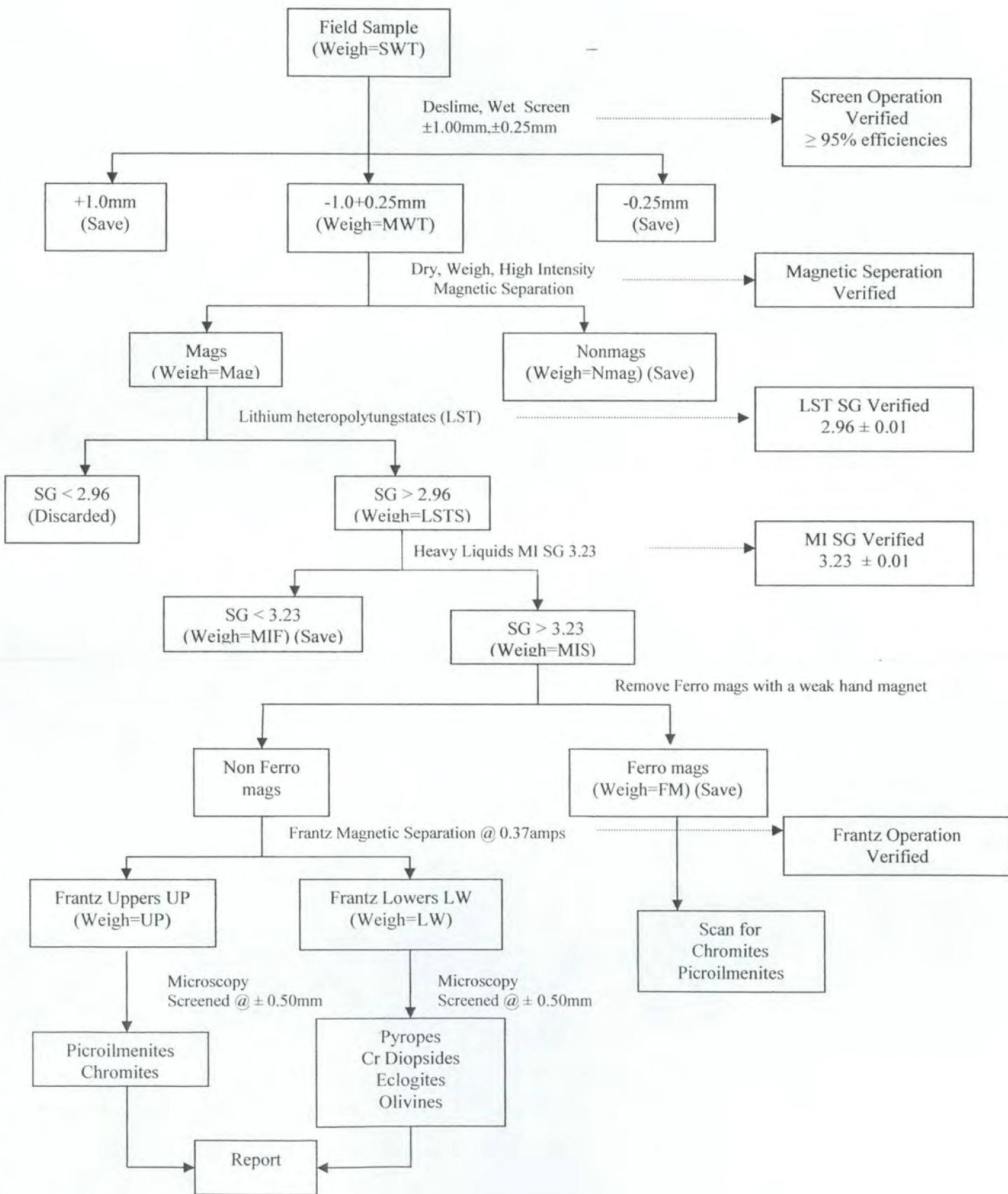
| Customer Information | | Invoicing Information (if different) | |
|----------------------|-----------------------------|--------------------------------------|--|
| Company | Reperio Resources Corp | Company | |
| Contact | James Hynes | Contact | |
| Tel | (780) 231-5103 | Tel | |
| Fax | (780) 420-1923 | Fax | |
| Address | #1990, 10020 – 101 A Avenue | Address | |
| City | Edmonton | City | |
| Prov. / Country | Alberta | Prov. / Country | |
| Post Code | T5J 2G2 | Post Code | |

| Customer Instructions: | Customer Authorization |
|--|--|
| Process for Kimberlite Indicator Minerals. | Authorization: I hereby authorize SRC to undertake the work as described according to the general terms and conditions detailed in the Fee Schedule: http://www.src.sk.ca/images/Geoanalytical%20Fee%20Schedule.pdf |
| As per attached flow chart. | Print Name: |
| Fire Assayed for Gold and PGM's. | Signed: |
| | Date: |

| Receiving Information (LAB ONLY) | | | |
|--------------------------------------|--|-------------------------------|---------------|
| Security Seal Numbers | Sample Numbers | SRC Group Number | OT-G-08-70 |
| | DR07-A1, DR07-A14 to A15, DR07-A17 to A18, DR07-A26, DR07-A28 to A29, DR07-B2 to B7, DR07-B20, DR07-B26 to B31, DR07-B35, DR07-B42, DR07-M2, DR07-M7, DR07-M10, DR07-M13, DR07-M16 to M17, DR07-M20 to M21, DR07-M25, DR07-S1 to S6, DR07-S8, DR07-T3, DR07-T5 | Number and Type of Containers | |
| | | Total Number of Samples | 41 |
| | | Total Number of Bags | |
| | | Received By (initials) / Date | MM – 01/25/08 |
| | | Comments: | |
| Authorization to commence Work (SRC) | | (Date & Time) | |
| | | January 30, 2008 | |
| Payment Terms: Prepayment Required | | Estimated Cost: \$14,000 | |

CUSTOMER TO AUTHORIZE AND FAX FORM TO (1) 306 933-5656

Kimberlite Indicators – Tills - 2008
Reperior Resources Corp.



SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
 Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-08-70

Reperio Resources Corp.
 Attention: James Hynes
 PO #/Project: 132207
 Samples: 42

Date of Report: June 02, 2008

Fire Assay**Column Header Details**

Sample Weight in grams (Wt)
 Au Fire Assay by ICP in ppb (Au)
 Pd Fire Assay by ICP in ppb (Pd)
 Pt Fire Assay by ICP in ppb (Pt)

| Sample Number | Wt g | Au ppb | Pd ppb | Pt ppb |
|---------------|---------|--------|--------|--------|
| DR07-A1 | 69.82 | 829 | <2 | <2 |
| DR07-A14 | 67.14 | 462 | <2 | <2 |
| DR07-A15 | 1065.49 | 85084 | 701 | 16 |
| DR07-A17 | 540.69 | 41006 | 303 | 14 |
| DR07-A18 | 117.90 | 21586 | 176 | 4 |
| DR07-A26 | 140.94 | 4899 | 83 | <2 |
| DR07-A28 | 59.06 | 5480 | 2 | <2 |
| DR07-A29 | 223.82 | 14146 | 100 | 2 |
| DR07-B2 | 58.14 | 4788 | 2 | 7 |
| DR07-B3 | 52.41 | 909 | <2 | <2 |
| DR07-B4 | 52.34 | 1636 | <2 | <2 |
| DR07-B5 | 60.14 | 619 | <2 | <2 |
| DR07-B6 | 64.08 | 665 | <2 | <2 |
| DR07-B7 | 92.97 | 2718 | 340 | 5 |
| DR07-B20 | 295.02 | 3846 | <2 | <2 |
| DR07-B26 | 181.20 | 1109 | 222 | 2 |
| DR07-B27 | 60.26 | 339 | <2 | <2 |
| DR07-B28 | 61.86 | 1760 | <2 | <2 |
| DR07-B29 | 57.07 | 144 | <2 | <2 |
| DR07-B30 | 58.07 | 71 | <2 | <2 |
| DR07-B31 | 56.96 | 2562 | <2 | <2 |
| DR07-B35 | 60.67 | 1061 | 2 | <2 |
| DR07-B42 | 49.49 | 203 | <2 | <2 |
| DR07-M2 | 168.49 | 10 | <2 | <2 |
| DR07-M7 | 50.24 | 125 | <2 | <2 |
| DR07-M10 | 158.85 | 1099 | <2 | <2 |
| DR07-M13 | 50.00 | 7306 | <2 | <2 |
| DR07-M16 | 55.03 | 815 | <2 | <2 |
| DR07-M17 | 50.60 | 4027 | 103 | 9 |
| DR07-M20 | 379.21 | 6258 | 64 | 7 |
| DR07-M21 | 394.59 | 10207 | <2 | <2 |
| DR07-M25 | 71.19 | 5171 | 39 | <2 |
| DR07-S1 | 321.70 | 1885 | <2 | <2 |

Reperio Resources Corp.
Attention: James Hynes
PO #/Project: 132207
Samples: 42

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: G-08-70

Date of Report: June 02, 2008

Fire Assay

| Sample Number | Wt g | Au ppb | Pd ppb | Pt ppb |
|---------------|--------|--------|--------|--------|
| DR07-S2 | 126.57 | 524 | <2 | 2 |
| DR07-S3 | 248.94 | 672 | <2 | <2 |
| DR07-S4 | 198.06 | 1140 | <2 | <2 |
| DR07-S5 | 357.62 | 737 | <2 | <2 |
| DR07-S6 | 69.63 | 78 | 37 | <2 |
| DR07-S8 | 65.31 | 106 | <2 | <2 |
| DR07-T3 | 141.09 | 6824 | 389 | 4 |
| DR07-T5 | 59.41 | 814 | <2 | <2 |
| DR07-S5 R | N/R | N/R | N/R | N/R |

Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

Ilmenite, Reperio Resources, Group G-08-70, Renaud Geological Consulting Ltd., June 16 2008

| ANALYSIS | SAMPLE | GRAIN | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Cr ₂ O ₃ | FeO | MnO | MgO | ZnO | NiO | Nb ₂ O ₅ | TOTAL | |
|----------|---------|-------|------------------|------------------|--------------------------------|--------------------------------|------|-------|------|-------|------|--------------------------------|-------|--------|
| 1 | DR07-B3 | ILM | 1 | 0.07 | 55.30 | 0.23 | 1.25 | 30.48 | 0.23 | 12.26 | 0.12 | 0.08 | 0.06 | 100.08 |

Olivine, Reperio Resources, Group G-08-70, Renaud Geological Consulting Ltd., June 16 2008

| ANALYSIS | SAMPLE | GRAIN | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MgO | MnO | K2O | CaO | Na2O | NiO | TOTAL | |
|----------|----------|-------|------|-------|-------|-------|------|-------|-------|------|------|------|------|-------|--------|
| 1 | DR07-A26 | OLI | 1 | 40.94 | 0.00 | 0.00 | 0.07 | 9.42 | 49.73 | 0.00 | 0.04 | 0.02 | 0.01 | 0.32 | 100.55 |
| 2 | DR07-A26 | OLI | 2 | 41.42 | 0.04 | 0.00 | 0.02 | 7.72 | 50.84 | 0.09 | 0.00 | 0.02 | 0.01 | 0.36 | 100.51 |
| 3 | DR07-A26 | OLI | 3 | 41.42 | 0.00 | 0.01 | 0.00 | 7.90 | 50.48 | 0.12 | 0.03 | 0.05 | 0.00 | 0.42 | 100.43 |
| 4 | DR07-B2 | OLI | 1 | 40.94 | 0.00 | 0.00 | 0.05 | 9.02 | 50.07 | 0.09 | 0.03 | 0.00 | 0.02 | 0.37 | 100.59 |
| 5 | DR07-T3 | OLI | 1 | 40.20 | 0.01 | 0.00 | 0.02 | 11.06 | 48.57 | 0.13 | 0.02 | 0.00 | 0.01 | 0.04 | 100.05 |

Pyrope Garnets, Reperio Resources, Group G-08-70, Renaud Geological Consulting Ltd., June 16 2008

| ANALYSIS | SAMPLE | | GRAIN | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Cr ₂ O ₃ | FeO | MgO | MnO | CaO | Na ₂ O | TOTAL |
|----------|----------|-----|-------|------------------|------------------|--------------------------------|--------------------------------|------|-------|------|------|-------------------|--------|
| 1 | DR07-A15 | PYR | 1 | 41.48 | 0.40 | 22.97 | 2.15 | 7.66 | 20.53 | 0.35 | 4.89 | 0.07 | 100.49 |
| 2 | DR07-A15 | PYR | 2 | 41.48 | 0.26 | 21.55 | 2.24 | 9.50 | 19.57 | 0.44 | 4.72 | 0.01 | 99.76 |
| 3 | DR07-B20 | PYR | 1 | 41.84 | 0.25 | 22.67 | 2.62 | 6.99 | 20.75 | 0.26 | 5.05 | 0.04 | 100.46 |
| 4 | DR07-M21 | PYR | 1 | 41.79 | 0.08 | 18.71 | 5.47 | 8.08 | 19.88 | 0.38 | 6.01 | 0.00 | 100.41 |

Clinopyroxene, Reperio Resources, Group G-08-70, Renaud Geological Consulting Ltd., June 16 2008

| ANALYSIS | SAMPLE | COMMENTS | GRAIN | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Cr ₂ O ₃ | FeO | MgO | MnO | K ₂ O | CaO | Na ₂ O | TOTAL | |
|----------|----------|----------|-------|------------------|------------------|--------------------------------|--------------------------------|------|------|-------|------------------|------|-------------------|-------|--------|
| 1 | DR07-B20 | OLI | =CPX | 1 | 54.36 | 0.09 | 0.96 | 0.00 | 5.08 | 15.62 | 0.00 | 0.02 | 24.13 | 0.13 | 100.39 |
| 2 | DR07-B20 | OLI | =CPX | 2 | 55.44 | 0.09 | 0.27 | 0.02 | 1.45 | 18.24 | 0.05 | 0.03 | 24.42 | 0.05 | 100.05 |

Chromite, Reperio Resources, Group G-08-70, Renaud Geological Consulting Ltd., June 16 2008

| ANALYSIS | SAMPLE | COMMENTS | GRAIN | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | ZnO | NiO | TOTAL |
|----------|----------|----------|-------|------|------|-------|-------|-------|------|-------|------|------|--------|
| 1 | DR07-A1 | CHR | 1 | 0.07 | 0.84 | 20.61 | 45.40 | 18.80 | 0.13 | 14.45 | 0.06 | 0.15 | 100.51 |
| 2 | DR07-A1 | CHR | 2 | 0.10 | 1.33 | 19.96 | 42.96 | 20.69 | 0.25 | 14.37 | 0.06 | 0.37 | 100.09 |
| 3 | DR07-A1 | CHR | 3 | 0.05 | 1.75 | 13.85 | 45.96 | 28.71 | 0.30 | 9.15 | 0.11 | 0.11 | 99.98 |
| 4 | DR07-A1 | CHR | 4 | 0.00 | 0.24 | 17.85 | 48.25 | 23.66 | 0.28 | 9.88 | 0.15 | 0.08 | 100.37 |
| 5 | DR07-A1 | CHR | 5 | 0.05 | 0.58 | 12.63 | 40.82 | 30.88 | 0.23 | 14.15 | 0.00 | 0.19 | 99.53 |
| 6 | DR07-A1 | CHR | 6 | 0.08 | 0.70 | 10.83 | 40.26 | 33.79 | 0.20 | 13.68 | 0.06 | 0.15 | 99.75 |
| 7 | DR07-A1 | CHR | 7 | 0.00 | 0.36 | 22.50 | 45.41 | 19.24 | 0.34 | 12.26 | 0.10 | 0.13 | 100.34 |
| 8 | DR07-A1 | CHR | 8 | 0.03 | 0.08 | 28.11 | 41.25 | 16.69 | 0.16 | 13.93 | 0.09 | 0.13 | 100.48 |
| 9 | DR07-A15 | CHR | 1 | 0.00 | 0.70 | 20.06 | 44.54 | 22.86 | 0.17 | 12.02 | 0.00 | 0.14 | 100.50 |
| 10 | DR07-A15 | CHR | 2 | 0.02 | 0.16 | 20.36 | 42.70 | 24.80 | 0.25 | 10.96 | 0.17 | 0.08 | 99.47 |
| 11 | DR07-A15 | CHR | 3 | 0.02 | 0.05 | 19.86 | 46.67 | 21.86 | 0.34 | 11.31 | 0.13 | 0.04 | 100.25 |
| 12 | DR07-A15 | CHR | 4 | 0.05 | 0.47 | 31.80 | 35.02 | 16.84 | 0.21 | 15.38 | 0.00 | 0.18 | 99.95 |
| 13 | DR07-A15 | CHR | 5 | 0.08 | 2.06 | 16.58 | 44.46 | 21.61 | 0.18 | 14.08 | 0.02 | 0.30 | 99.36 |
| 14 | DR07-A15 | CHR | 6 | 0.15 | 0.23 | 7.69 | 59.04 | 24.08 | 0.30 | 8.74 | 0.08 | 0.07 | 100.38 |
| 15 | DR07-A15 | CHR | 7 | 0.07 | 0.10 | 8.49 | 56.24 | 26.12 | 0.37 | 8.76 | 0.06 | 0.16 | 100.36 |
| 16 | DR07-A15 | CHR | 8 | 0.04 | 0.51 | 8.48 | 56.54 | 20.93 | 0.31 | 12.50 | 0.04 | 0.19 | 99.53 |
| 17 | DR07-A15 | CHR | 9 | 0.12 | 0.14 | 9.26 | 57.56 | 19.62 | 0.27 | 12.91 | 0.06 | 0.16 | 100.10 |
| 18 | DR07-A15 | CHR | 10 | 0.08 | 0.21 | 12.01 | 55.70 | 19.02 | 0.18 | 13.10 | 0.12 | 0.10 | 100.51 |
| 19 | DR07-A15 | CHR | 11 | 0.08 | 0.72 | 11.23 | 39.76 | 34.31 | 0.22 | 13.70 | 0.00 | 0.11 | 100.14 |
| 20 | DR07-A15 | CHR | 12 | 0.00 | 0.20 | 11.98 | 53.19 | 23.78 | 0.37 | 10.24 | 0.07 | 0.01 | 99.84 |
| 21 | DR07-A15 | CHR | 13 | 0.04 | 0.63 | 26.32 | 39.86 | 17.92 | 0.16 | 14.56 | 0.15 | 0.17 | 99.80 |
| 22 | DR07-A15 | CHR | 14 | 0.07 | 1.03 | 18.78 | 47.14 | 18.04 | 0.17 | 14.98 | 0.13 | 0.19 | 100.52 |
| 23 | DR07-A15 | CHR | 15 | 0.03 | 0.03 | 18.51 | 49.16 | 19.81 | 0.35 | 12.01 | 0.15 | 0.08 | 100.13 |
| 24 | DR07-A15 | CHR | 16 | 0.01 | 0.00 | 24.23 | 43.14 | 20.57 | 0.29 | 12.14 | 0.08 | 0.12 | 100.55 |
| 25 | DR07-A15 | CHR | 17 | 0.14 | 0.42 | 26.86 | 37.94 | 21.72 | 0.20 | 11.93 | 0.08 | 0.26 | 99.53 |
| 26 | DR07-A15 | CHR | 18 | 0.03 | 0.00 | 30.26 | 39.27 | 15.55 | 0.14 | 14.96 | 0.13 | 0.18 | 100.51 |
| 27 | DR07-A15 | CHR | 19 | 0.03 | 0.41 | 6.75 | 52.69 | 29.58 | 0.28 | 9.56 | 0.04 | 0.00 | 99.35 |
| 28 | DR07-A15 | CHR | 20 | 0.01 | 0.14 | 17.46 | 50.57 | 24.43 | 0.24 | 7.34 | 0.28 | 0.08 | 100.54 |
| 29 | DR07-A15 | CHR | 21 | 0.11 | 0.73 | 24.64 | 40.63 | 17.81 | 0.13 | 15.93 | 0.04 | 0.15 | 100.19 |
| 30 | DR07-A15 | CHR | 22 | 0.01 | 0.03 | 14.75 | 50.67 | 24.23 | 0.32 | 9.75 | 0.11 | 0.00 | 99.86 |
| 31 | DR07-A15 | CHR | 23 | 0.06 | 0.50 | 7.98 | 43.91 | 35.01 | 0.26 | 11.53 | 0.00 | 0.08 | 99.33 |
| 32 | DR07-A15 | CHR | 24 | 0.12 | 1.62 | 18.90 | 44.82 | 19.91 | 0.10 | 14.35 | 0.10 | 0.34 | 100.25 |
| 33 | DR07-A15 | CHR | 25 | 0.00 | 0.20 | 17.74 | 45.64 | 24.77 | 0.25 | 10.44 | 0.12 | 0.06 | 99.22 |
| 34 | DR07-A15 | CHR | 26 | 0.00 | 0.05 | 13.36 | 53.11 | 25.18 | 0.38 | 8.07 | 0.29 | 0.09 | 100.52 |
| 35 | DR07-A15 | CHR | 27 | 0.08 | 1.32 | 16.66 | 44.29 | 25.17 | 0.26 | 12.54 | 0.04 | 0.21 | 100.56 |

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|----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 36 | DR07-A15 | CHR | 28 | 0.08 | 1.60 | 16.78 | 44.11 | 24.21 | 0.19 | 13.18 | 0.08 | 0.27 | 100.50 |
| 37 | DR07-A15 | CHR | 29 | 0.01 | 0.04 | 20.03 | 51.80 | 16.82 | 0.19 | 11.31 | 0.12 | 0.08 | 100.40 |
| 38 | DR07-A15 | CHR | 30 | 0.02 | 2.83 | 19.53 | 37.13 | 26.54 | 0.18 | 13.94 | 0.05 | 0.24 | 100.45 |
| 39 | DR07-A15 | CHR | 31 | 0.07 | 0.31 | 24.24 | 42.41 | 19.70 | 0.17 | 13.26 | 0.06 | 0.21 | 100.43 |
| 40 | DR07-A15 | CHR | 32 | 0.06 | 1.49 | 15.71 | 44.99 | 24.19 | 0.20 | 12.71 | 0.06 | 0.24 | 99.66 |
| 41 | DR07-A15 | CHR | 33 | 0.07 | 1.55 | 14.90 | 46.91 | 22.46 | 0.16 | 13.20 | 0.00 | 0.25 | 99.50 |
| 42 | DR07-A15 | CHR | 34 | 0.07 | 1.74 | 16.49 | 44.02 | 24.11 | 0.21 | 13.32 | 0.03 | 0.24 | 100.23 |
| 43 | DR07-A15 | CHR | 35 | 0.01 | 0.06 | 15.98 | 47.81 | 25.71 | 0.37 | 9.32 | 0.05 | 0.11 | 99.42 |
| 44 | DR07-A15 | CHR | 36 | 0.02 | 0.08 | 11.22 | 60.47 | 15.49 | 0.25 | 12.86 | 0.07 | 0.06 | 100.51 |
| 45 | DR07-A15 | CHR | 37 | 0.10 | 1.27 | 21.21 | 43.11 | 18.87 | 0.10 | 15.15 | 0.00 | 0.22 | 100.04 |
| 46 | DR07-A15 | CHR | 38 | 0.01 | 0.14 | 23.81 | 40.56 | 23.47 | 0.27 | 11.42 | 0.25 | 0.08 | 100.00 |
| 47 | DR07-A15 | CHR | 39 | 0.00 | 0.33 | 25.31 | 42.32 | 19.78 | 0.22 | 12.36 | 0.18 | 0.00 | 100.49 |
| 48 | DR07-A15 | CHR | 41 | 0.07 | 0.34 | 8.91 | 53.46 | 25.04 | 0.28 | 12.32 | 0.05 | 0.11 | 100.58 |
| 49 | DR07-A15 | CHR | 42 | 0.03 | 0.14 | 18.77 | 46.24 | 22.32 | 0.36 | 11.86 | 0.09 | 0.15 | 99.97 |
| 50 | DR07-A15 | CHR | 43 | 0.00 | 0.46 | 34.50 | 19.70 | 32.94 | 0.28 | 11.43 | 0.16 | 0.10 | 99.55 |
| 51 | DR07-A15 | CHR | 44 | 0.06 | 0.46 | 12.03 | 41.40 | 32.41 | 0.26 | 13.03 | 0.01 | 0.20 | 99.86 |
| 52 | DR07-A15 | CHR | 45 | 0.00 | 0.00 | 28.81 | 39.49 | 17.99 | 0.25 | 13.05 | 0.19 | 0.00 | 99.78 |
| 53 | DR07-A15 | CHR | 46 | 0.08 | 0.55 | 10.25 | 50.52 | 25.50 | 0.24 | 12.69 | 0.01 | 0.14 | 99.96 |
| 54 | DR07-A15 | CHR | 47 | 0.00 | 0.00 | 13.56 | 55.73 | 20.46 | 0.22 | 9.58 | 0.10 | 0.06 | 99.70 |
| 55 | DR07-A15 | CHR | 48 | 0.00 | 0.05 | 18.91 | 51.53 | 16.93 | 0.27 | 11.50 | 0.10 | 0.16 | 99.44 |
| 56 | DR07-A15 | CHR | 49 | 0.02 | 0.05 | 17.01 | 52.62 | 19.04 | 0.30 | 10.43 | 0.10 | 0.00 | 99.56 |
| 57 | DR07-A15 | CHR | 50 | 0.08 | 0.50 | 26.92 | 35.65 | 23.72 | 0.42 | 11.77 | 0.18 | 0.13 | 99.37 |
| 58 | DR07-A15 | CHR | 51 | 0.05 | 0.00 | 19.95 | 51.42 | 15.18 | 0.21 | 12.95 | 0.17 | 0.12 | 100.03 |
| 59 | DR07-A15 | CHR | 52 | 0.02 | 0.39 | 21.60 | 44.99 | 20.69 | 0.20 | 11.99 | 0.17 | 0.16 | 100.20 |
| 60 | DR07-A15 | CHR | 53 | 0.03 | 0.11 | 6.70 | 61.94 | 15.85 | 0.21 | 14.41 | 0.04 | 0.08 | 99.38 |
| 61 | DR07-A15 | CHR | 54 | 0.02 | 0.07 | 13.23 | 54.33 | 23.53 | 0.38 | 8.40 | 0.28 | 0.02 | 100.25 |
| 62 | DR07-A15 | CHR | 55 | 0.04 | 0.47 | 18.09 | 44.74 | 25.16 | 0.33 | 10.25 | 0.21 | 0.14 | 99.41 |
| 63 | DR07-A15 | CHR | 56 | 0.00 | 0.02 | 30.36 | 31.42 | 23.74 | 0.25 | 13.77 | 0.15 | 0.33 | 100.03 |
| 64 | DR07-A15 | CHR | 57 | 0.04 | 0.14 | 20.57 | 49.36 | 16.00 | 0.22 | 13.35 | 0.06 | 0.11 | 99.85 |
| 65 | DR07-A15 | CHR | 58 | 0.05 | 0.06 | 41.10 | 25.82 | 15.36 | 0.13 | 17.54 | 0.03 | 0.30 | 100.40 |
| 66 | DR07-A15 | CHR | 59 | 0.12 | 0.74 | 29.99 | 32.46 | 20.34 | 0.19 | 15.49 | 0.04 | 0.23 | 99.60 |
| 67 | DR07-A15 | CHR | 60 | 0.00 | 0.09 | 20.23 | 48.93 | 15.65 | 0.19 | 14.44 | 0.13 | 0.17 | 99.83 |
| 68 | DR07-A15 | CHR | 61 | 0.04 | 0.31 | 22.47 | 47.75 | 14.99 | 0.19 | 13.50 | 0.15 | 0.05 | 99.43 |
| 69 | DR07-A15 | CHR | 62 | 0.01 | 0.13 | 35.44 | 31.68 | 15.09 | 0.15 | 16.72 | 0.13 | 0.13 | 99.48 |
| 70 | DR07-A15 | CHR | 63 | 0.02 | 0.17 | 22.11 | 44.87 | 19.76 | 0.23 | 12.59 | 0.14 | 0.16 | 100.05 |
| 71 | DR07-A15 | CHR | 64 | 0.00 | 0.17 | 19.09 | 51.26 | 16.49 | 0.30 | 13.03 | 0.16 | 0.09 | 100.59 |
| 72 | DR07-A15 | CHR | 65 | 0.03 | 0.41 | 10.54 | 50.11 | 29.23 | 0.32 | 9.17 | 0.06 | 0.15 | 100.02 |

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|-----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 73 | DR07-A15 | CHR | 66 | 0.02 | 0.20 | 21.68 | 50.04 | 15.53 | 0.25 | 12.59 | 0.14 | 0.13 | 100.59 |
| 74 | DR07-A15 | CHR | 67 | 0.00 | 0.74 | 19.03 | 42.00 | 30.16 | 0.33 | 8.18 | 0.06 | 0.10 | 100.59 |
| 75 | DR07-A15 | CHR | 68 | 0.08 | 1.30 | 17.59 | 45.50 | 22.43 | 0.22 | 12.85 | 0.15 | 0.15 | 100.27 |
| 76 | DR07-A15 | CHR | 69 | 0.04 | 0.45 | 10.33 | 50.48 | 23.73 | 0.26 | 14.10 | 0.01 | 0.07 | 99.46 |
| 77 | DR07-A15 | CHR | 70 | 0.02 | 0.00 | 28.42 | 37.33 | 20.77 | 0.27 | 12.24 | 0.18 | 0.05 | 99.27 |
| 78 | DR07-A15 | CHR | 71 | 0.07 | 0.76 | 9.97 | 40.61 | 33.73 | 0.18 | 13.98 | 0.00 | 0.23 | 99.53 |
| 79 | DR07-A15 | CHR | 72 | 0.05 | 0.66 | 18.05 | 41.89 | 26.93 | 0.14 | 11.41 | 0.08 | 0.09 | 99.30 |
| 80 | DR07-A15 | CHR | 73 | 0.06 | 0.55 | 9.99 | 49.69 | 24.51 | 0.18 | 14.57 | 0.04 | 0.29 | 99.87 |
| 81 | DR07-A15 | CHR | 74 | 0.02 | 0.20 | 21.46 | 45.96 | 19.84 | 0.18 | 12.27 | 0.10 | 0.18 | 100.20 |
| 82 | DR07-A15 | CHR | 75 | 0.06 | 0.33 | 27.78 | 33.83 | 23.64 | 0.16 | 14.03 | 0.09 | 0.15 | 100.06 |
| 83 | DR07-A15 | CHR | 76 | 0.01 | 0.10 | 21.17 | 46.47 | 18.95 | 0.23 | 12.38 | 0.06 | 0.00 | 99.37 |
| 84 | DR07-A15 | CHR | 77 | 0.12 | 0.61 | 24.81 | 42.43 | 16.05 | 0.13 | 16.18 | 0.00 | 0.20 | 100.53 |
| 85 | DR07-A15 | CHR | 78 | 0.03 | 0.57 | 28.75 | 27.59 | 29.78 | 0.21 | 13.00 | 0.13 | 0.09 | 100.15 |
| 86 | DR07-A15 | CHR | 79 | 0.00 | 0.18 | 22.61 | 44.96 | 22.19 | 0.26 | 10.16 | 0.09 | 0.13 | 100.58 |
| 87 | DR07-A15 | CHR | 80 | 0.03 | 0.08 | 9.24 | 56.34 | 24.97 | 0.33 | 8.15 | 0.20 | 0.04 | 99.39 |
| 88 | DR07-A15 | CHR | 81 | 0.00 | 0.13 | 20.82 | 47.38 | 20.89 | 0.29 | 10.75 | 0.09 | 0.09 | 100.44 |
| 89 | DR07-A15 | CHR | 82 | 0.04 | 0.06 | 15.76 | 50.54 | 21.94 | 0.34 | 10.99 | 0.11 | 0.09 | 99.85 |
| 90 | DR07-A15 | CHR | 83 | 0.10 | 0.87 | 19.35 | 47.14 | 16.64 | 0.23 | 15.60 | 0.03 | 0.25 | 100.21 |
| 91 | DR07-A15 | CHR | 84 | 0.01 | 0.43 | 18.54 | 44.41 | 25.56 | 0.27 | 10.06 | 0.23 | 0.09 | 99.59 |
| 92 | DR07-A15 | CHR | 85 | 0.01 | 0.00 | 30.02 | 40.45 | 15.10 | 0.14 | 14.64 | 0.04 | 0.09 | 100.49 |
| 93 | DR07-A15 | CHR | 86 | 0.01 | 0.00 | 20.46 | 50.37 | 16.92 | 0.24 | 12.03 | 0.18 | 0.09 | 100.31 |
| 94 | DR07-A15 | CHR | 87 | 0.00 | 0.27 | 22.15 | 43.65 | 21.58 | 0.28 | 11.90 | 0.16 | 0.15 | 100.14 |
| 95 | DR07-A15 | CHR | 88 | 0.00 | 0.10 | 31.22 | 32.57 | 27.63 | 0.67 | 7.32 | 0.30 | 0.10 | 99.91 |
| 96 | DR07-A15 | CHR | 89 | 0.06 | 0.12 | 35.09 | 33.64 | 13.49 | 0.17 | 17.46 | 0.10 | 0.25 | 100.37 |
| 97 | DR07-A15 | CHR | 90 | 0.02 | 0.26 | 18.35 | 48.62 | 22.42 | 0.30 | 10.31 | 0.21 | 0.03 | 100.51 |
| 98 | DR07-A15 | CHR | 91 | 0.05 | 0.17 | 19.01 | 51.98 | 16.57 | 0.26 | 12.29 | 0.20 | 0.00 | 100.52 |
| 99 | DR07-A15 | CHR | 92 | 0.01 | 0.05 | 26.21 | 43.20 | 15.98 | 0.20 | 13.48 | 0.13 | 0.16 | 99.42 |
| 100 | DR07-A17 | CHR | 1 | 0.08 | 0.39 | 27.42 | 40.27 | 14.71 | 0.14 | 16.31 | 0.06 | 0.08 | 99.46 |
| 101 | DR07-A18 | CHR | 1 | 0.07 | 0.55 | 13.47 | 51.22 | 19.39 | 0.32 | 14.22 | 0.02 | 0.10 | 99.35 |
| 102 | DR07-A18 | CHR | 2 | 0.03 | 0.22 | 22.16 | 47.43 | 17.55 | 0.19 | 12.70 | 0.13 | 0.09 | 100.50 |
| 103 | DR07-A18 | CHR | 3 | 0.12 | 0.19 | 12.96 | 52.90 | 20.15 | 0.33 | 12.67 | 0.00 | 0.14 | 99.45 |
| 104 | DR07-A18 | CHR | 4 | 0.04 | 0.00 | 18.77 | 52.38 | 14.93 | 0.21 | 13.17 | 0.17 | 0.00 | 99.66 |
| 105 | DR07-A18 | CHR | 5 | 0.07 | 0.41 | 29.93 | 36.44 | 16.20 | 0.17 | 15.77 | 0.07 | 0.25 | 99.30 |
| 106 | DR07-A26 | ILM | 1 | 0.00 | 5.16 | 0.51 | 37.59 | 48.33 | 0.34 | 6.89 | 0.10 | 0.44 | 99.36 |
| 107 | DR07-A26 | CHR | 1 | 0.02 | 0.45 | 15.74 | 47.43 | 23.47 | 0.37 | 11.58 | 0.05 | 0.23 | 99.33 |
| 108 | DR07-A26 | CHR | 2 | 0.10 | 1.44 | 15.53 | 44.84 | 25.90 | 0.21 | 11.18 | 0.00 | 0.36 | 99.55 |
| 109 | DR07-A26 | CHR | 3 | 0.04 | 0.16 | 19.55 | 47.47 | 22.20 | 0.33 | 9.45 | 0.13 | 0.20 | 99.51 |

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|-----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 110 | DR07-A26 | CHR | 4 | 0.11 | 0.26 | 5.64 | 60.77 | 20.18 | 0.32 | 12.69 | 0.03 | 0.08 | 100.09 |
| 111 | DR07-A26 | CHR | 5 | 0.03 | 0.09 | 17.58 | 51.36 | 19.01 | 0.22 | 10.86 | 0.06 | 0.00 | 99.21 |
| 112 | DR07-A26 | CHR | 6 | 0.04 | 0.25 | 9.50 | 54.28 | 24.68 | 0.28 | 10.52 | 0.15 | 0.08 | 99.79 |
| 113 | DR07-A26 | CHR | 7 | 0.02 | 0.05 | 17.75 | 51.81 | 18.33 | 0.31 | 11.91 | 0.06 | 0.19 | 100.42 |
| 114 | DR07-A26 | CHR | 8 | 0.06 | 0.58 | 31.17 | 28.69 | 26.79 | 0.15 | 12.86 | 0.13 | 0.09 | 100.53 |
| 115 | DR07-A26 | CHR | 9 | 0.02 | 0.15 | 8.09 | 49.40 | 36.46 | 0.31 | 4.52 | 0.27 | 0.13 | 99.35 |
| 116 | DR07-A26 | CHR | 10 | 0.01 | 0.11 | 19.82 | 50.93 | 16.14 | 0.21 | 12.47 | 0.06 | 0.12 | 99.88 |
| 117 | DR07-A26 | CHR | 11 | 0.01 | 0.23 | 20.25 | 47.71 | 19.74 | 0.28 | 11.53 | 0.08 | 0.16 | 100.00 |
| 118 | DR07-A26 | CHR | 12 | 0.03 | 0.19 | 7.83 | 56.24 | 26.60 | 0.42 | 8.36 | 0.13 | 0.04 | 99.84 |
| 119 | DR07-A26 | CHR | 13 | 0.05 | 0.22 | 19.86 | 48.30 | 20.45 | 0.28 | 10.62 | 0.13 | 0.05 | 99.96 |
| 120 | DR07-A26 | CHR | 14 | 0.04 | 0.58 | 28.77 | 28.39 | 28.81 | 0.21 | 12.70 | 0.07 | 0.07 | 99.63 |
| 121 | DR07-A26 | CHR | 15 | 0.14 | 0.11 | 11.10 | 57.20 | 18.60 | 0.24 | 12.94 | 0.00 | 0.25 | 100.57 |
| 122 | DR07-A26 | CHR | 16 | 0.01 | 0.15 | 17.01 | 50.37 | 22.03 | 0.31 | 9.81 | 0.19 | 0.00 | 99.87 |
| 123 | DR07-A26 | CHR | 17 | 0.02 | 0.05 | 20.01 | 50.04 | 16.87 | 0.28 | 11.90 | 0.16 | 0.00 | 99.32 |
| 124 | DR07-A26 | CHR | 18 | 0.06 | 0.48 | 12.40 | 31.92 | 40.61 | 0.32 | 13.26 | 0.00 | 0.36 | 99.42 |
| 125 | DR07-A26 | CHR | 19 | 0.03 | 0.65 | 21.85 | 35.78 | 39.15 | 0.20 | 1.13 | 1.41 | 0.00 | 100.18 |
| 126 | DR07-A26 | CHR | 20 | 0.29 | 0.65 | 12.49 | 36.02 | 34.80 | 0.22 | 14.73 | 0.16 | 0.28 | 99.65 |
| 127 | DR07-A26 | CHR | 21 | 0.06 | 0.66 | 9.08 | 38.42 | 38.34 | 0.20 | 12.16 | 0.04 | 0.24 | 99.20 |
| 128 | DR07-A26 | CHR | 22 | 0.04 | 0.08 | 23.08 | 45.90 | 18.58 | 0.20 | 11.49 | 0.02 | 0.05 | 99.43 |
| 129 | DR07-A26 | CHR | 23 | 0.02 | 0.44 | 16.02 | 50.93 | 20.27 | 0.18 | 12.14 | 0.07 | 0.15 | 100.22 |
| 130 | DR07-A26 | CHR | 24 | 0.11 | 0.16 | 7.76 | 61.14 | 16.44 | 0.18 | 13.62 | 0.00 | 0.11 | 99.52 |
| 131 | DR07-A26 | CHR | 25 | 0.00 | 0.08 | 12.26 | 54.17 | 25.63 | 0.32 | 7.54 | 0.14 | 0.00 | 100.13 |
| 132 | DR07-A26 | CHR | 26 | 0.08 | 1.68 | 25.59 | 34.80 | 24.86 | 0.15 | 12.31 | 0.06 | 0.28 | 99.82 |
| 133 | DR07-A26 | CHR | 27 | 0.10 | 2.09 | 19.78 | 39.91 | 25.73 | 0.21 | 11.48 | 0.01 | 0.18 | 99.49 |
| 134 | DR07-A26 | CHR | 28 | 0.06 | 1.72 | 19.90 | 39.98 | 24.92 | 0.20 | 12.87 | 0.10 | 0.12 | 99.87 |
| 135 | DR07-A26 | CHR | 29 | 0.07 | 0.58 | 10.93 | 39.29 | 35.39 | 0.25 | 12.61 | 0.10 | 0.34 | 99.56 |
| 136 | DR07-A26 | CHR | 30 | 0.02 | 0.04 | 20.71 | 50.82 | 16.50 | 0.24 | 11.13 | 0.12 | 0.00 | 99.57 |
| 137 | DR07-A26 | CHR | 31 | 0.02 | 0.41 | 10.00 | 51.58 | 26.32 | 0.26 | 11.16 | 0.02 | 0.14 | 99.90 |
| 138 | DR07-A26 | CHR | 32 | 0.10 | 2.50 | 14.39 | 42.58 | 27.40 | 0.19 | 11.75 | 0.06 | 0.31 | 99.28 |
| 139 | DR07-A26 | CHR | 33 | 0.01 | 0.46 | 12.33 | 46.69 | 27.01 | 0.18 | 12.39 | 0.02 | 0.17 | 99.25 |
| 140 | DR07-A26 | CHR | 34 | 0.09 | 0.79 | 15.34 | 45.83 | 23.94 | 0.20 | 12.95 | 0.17 | 0.08 | 99.38 |
| 141 | DR07-A26 | CHR | 35 | 0.02 | 0.40 | 17.42 | 44.34 | 29.30 | 0.26 | 7.87 | 0.04 | 0.13 | 99.77 |
| 142 | DR07-A26 | CHR | 36 | 0.02 | 0.40 | 34.75 | 34.12 | 15.79 | 0.16 | 14.61 | 0.09 | 0.10 | 100.04 |
| 143 | DR07-A26 | CHR | 37 | 0.11 | 1.28 | 16.80 | 48.99 | 17.19 | 0.23 | 14.83 | 0.10 | 0.16 | 99.68 |
| 144 | DR07-A26 | CHR | 39 | 0.07 | 0.50 | 12.83 | 48.15 | 27.10 | 0.41 | 10.82 | 0.00 | 0.08 | 99.97 |
| 145 | DR07-A26 | CHR | 40 | 0.06 | 0.51 | 8.51 | 50.76 | 33.39 | 1.79 | 4.33 | 0.13 | 0.02 | 99.50 |
| 146 | DR07-A26 | CHR | 41 | 0.01 | 0.17 | 8.19 | 50.98 | 34.11 | 1.48 | 4.66 | 0.88 | 0.02 | 100.48 |

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|-----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 147 | DR07-A26 | CHR | 42 | 0.05 | 0.88 | 12.50 | 42.19 | 32.62 | 0.30 | 11.12 | 0.08 | 0.15 | 99.89 |
| 148 | DR07-A26 | CHR | 43 | 0.05 | 0.49 | 27.28 | 31.84 | 25.60 | 0.18 | 14.14 | 0.05 | 0.01 | 99.64 |
| 149 | DR07-A26 | CHR | 44 | 0.01 | 0.30 | 26.62 | 36.57 | 24.42 | 0.30 | 12.05 | 0.11 | 0.12 | 100.48 |
| 150 | DR07-A26 | CHR | 45 | 0.03 | 0.55 | 10.24 | 45.53 | 30.89 | 0.28 | 12.57 | 0.05 | 0.09 | 100.23 |
| 151 | DR07-A26 | CHR | 46 | 0.16 | 0.07 | 7.76 | 58.34 | 21.55 | 0.23 | 11.19 | 0.00 | 0.22 | 99.52 |
| 152 | DR07-A26 | CHR | 47 | 0.10 | 1.16 | 19.10 | 44.32 | 20.71 | 0.18 | 13.90 | 0.00 | 0.28 | 99.74 |
| 153 | DR07-A26 | CHR | 48 | 0.00 | 0.46 | 19.62 | 42.43 | 30.51 | 0.34 | 6.39 | 0.17 | 0.08 | 99.98 |
| 154 | DR07-A28 | CHR | 1 | 0.01 | 0.30 | 20.12 | 51.28 | 15.83 | 0.21 | 12.55 | 0.12 | 0.10 | 100.52 |
| 155 | DR07-A28 | CHR | 2 | 0.00 | 0.23 | 20.15 | 49.12 | 13.83 | 0.18 | 15.77 | 0.02 | 0.13 | 99.43 |
| 156 | DR07-A28 | CHR | 3 | 0.05 | 0.09 | 11.16 | 56.66 | 20.33 | 0.29 | 10.93 | 0.09 | 0.00 | 99.59 |
| 157 | DR07-A28 | CHR | 4 | 0.00 | 0.42 | 11.16 | 51.16 | 27.48 | 0.32 | 8.71 | 0.12 | 0.14 | 99.52 |
| 158 | DR07-A28 | CHR | 6 | 0.10 | 0.22 | 7.51 | 59.66 | 19.81 | 0.28 | 12.33 | 0.00 | 0.08 | 99.99 |
| 159 | DR07-A28 | CHR | 7 | 0.15 | 0.33 | 26.07 | 41.99 | 15.36 | 0.14 | 15.93 | 0.09 | 0.32 | 100.39 |
| 160 | DR07-A28 | CHR | 8 | 0.03 | 0.27 | 23.08 | 43.70 | 19.90 | 0.24 | 12.81 | 0.16 | 0.05 | 100.23 |
| 161 | DR07-A28 | CHR | 9 | 0.09 | 1.49 | 18.65 | 45.04 | 21.57 | 0.16 | 12.19 | 0.01 | 0.31 | 99.52 |
| 162 | DR07-A28 | CHR | 10 | 0.10 | 0.41 | 19.92 | 47.82 | 15.83 | 0.14 | 15.44 | 0.11 | 0.27 | 100.04 |
| 163 | DR07-A28 | CHR | 11 | 0.01 | 0.17 | 20.14 | 47.85 | 20.01 | 0.24 | 11.51 | 0.14 | 0.02 | 100.09 |
| 164 | DR07-A28 | CHR | 12 | 0.02 | 0.23 | 25.19 | 44.71 | 16.57 | 0.18 | 13.11 | 0.10 | 0.14 | 100.24 |
| 165 | DR07-A28 | CHR | 13 | 0.01 | 0.27 | 23.56 | 46.44 | 17.22 | 0.18 | 12.51 | 0.13 | 0.04 | 100.35 |
| 166 | DR07-A28 | CHR | 14 | 0.11 | 1.21 | 16.25 | 47.54 | 21.01 | 0.13 | 13.85 | 0.10 | 0.33 | 100.52 |
| 167 | DR07-A29 | CHR | 1 | 0.00 | 0.24 | 26.62 | 38.38 | 22.73 | 0.24 | 12.29 | 0.06 | 0.03 | 100.59 |
| 168 | DR07-A29 | CHR | 2 | 0.08 | 0.55 | 11.22 | 38.96 | 35.84 | 0.28 | 12.07 | 0.03 | 0.31 | 99.33 |
| 169 | DR07-A29 | CHR | 3 | 0.08 | 1.19 | 20.01 | 43.55 | 22.04 | 0.21 | 12.83 | 0.05 | 0.18 | 100.13 |
| 170 | DR07-A29 | CHR | 4 | 0.00 | 0.08 | 18.64 | 50.30 | 21.12 | 0.23 | 9.65 | 0.25 | 0.09 | 100.37 |
| 171 | DR07-A29 | CHR | 5 | 0.11 | 2.48 | 15.29 | 42.63 | 28.88 | 0.23 | 10.26 | 0.17 | 0.25 | 100.29 |
| 172 | DR07-A29 | CHR | 6 | 0.03 | 0.05 | 5.97 | 62.69 | 22.07 | 0.34 | 8.52 | 0.01 | 0.08 | 99.77 |
| 173 | DR07-A29 | CHR | 7 | 0.00 | 0.18 | 16.35 | 48.39 | 23.76 | 0.20 | 10.72 | 0.08 | 0.04 | 99.73 |
| 174 | DR07-A29 | CHR | 8 | 0.08 | 1.05 | 21.14 | 45.25 | 18.52 | 0.12 | 14.08 | 0.09 | 0.15 | 100.46 |
| 175 | DR07-A29 | CHR | 9 | 0.10 | 0.53 | 24.82 | 38.37 | 23.84 | 0.24 | 12.06 | 0.05 | 0.17 | 100.17 |
| 176 | DR07-A29 | CHR | 10 | 0.10 | 1.18 | 17.86 | 45.75 | 20.36 | 0.14 | 14.34 | 0.15 | 0.19 | 100.06 |
| 177 | DR07-A29 | CHR | 12 | 0.10 | 1.45 | 14.91 | 49.17 | 19.56 | 0.16 | 13.71 | 0.05 | 0.17 | 99.29 |
| 178 | DR07-A29 | CHR | 13 | 0.00 | 0.15 | 15.69 | 47.22 | 28.10 | 0.23 | 7.97 | 0.14 | 0.07 | 99.57 |
| 179 | DR07-A29 | CHR | 14 | 0.05 | 0.48 | 10.05 | 37.01 | 39.37 | 0.23 | 12.06 | 0.03 | 0.33 | 99.61 |
| 180 | DR07-A29 | CHR | 15 | 0.06 | 2.65 | 13.68 | 42.79 | 28.93 | 0.28 | 11.34 | 0.00 | 0.17 | 99.89 |
| 181 | DR07-A29 | CHR | 16 | 0.00 | 0.12 | 18.50 | 47.23 | 23.83 | 0.26 | 9.57 | 0.08 | 0.11 | 99.69 |
| 182 | DR07-A29 | CHR | 17 | 0.00 | 0.17 | 22.87 | 44.52 | 19.75 | 0.24 | 11.68 | 0.08 | 0.08 | 99.38 |
| 183 | DR07-A29 | CHR | 18 | 0.05 | 0.44 | 26.59 | 41.51 | 17.02 | 0.16 | 14.65 | 0.00 | 0.11 | 100.52 |

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|-----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 184 | DR07-A29 | CHR | 19 | 0.15 | 0.08 | 36.68 | 31.20 | 15.62 | 0.16 | 15.65 | 0.09 | 0.21 | 99.85 |
| 185 | DR07-A29 | CHR | 20 | 0.07 | 0.87 | 8.18 | 30.69 | 46.78 | 0.25 | 12.44 | 0.12 | 0.43 | 99.84 |
| 186 | DR07-A29 | CHR | 21 | 0.05 | 0.10 | 13.01 | 57.75 | 18.18 | 0.25 | 9.81 | 0.05 | 0.01 | 99.22 |
| 187 | DR07-A29 | CHR | 22 | 0.03 | 0.03 | 23.46 | 43.49 | 19.47 | 0.22 | 12.34 | 0.16 | 0.24 | 99.44 |
| 188 | DR07-A29 | CHR | 23 | 0.05 | 1.78 | 19.89 | 34.97 | 31.96 | 0.23 | 10.79 | 0.00 | 0.14 | 99.81 |
| 189 | DR07-A29 | CHR | 24 | 0.07 | 0.40 | 20.80 | 45.44 | 18.09 | 0.14 | 14.73 | 0.14 | 0.18 | 99.98 |
| 190 | DR07-A29 | CHR | 25 | 0.02 | 0.04 | 12.66 | 55.31 | 22.73 | 0.24 | 8.32 | 0.19 | 0.00 | 99.51 |
| 191 | DR07-A29 | CHR | 27 | 0.03 | 0.01 | 26.55 | 44.37 | 15.63 | 0.15 | 12.96 | 0.10 | 0.09 | 99.89 |
| 192 | DR07-B2 | CHR | 1 | 0.08 | 1.04 | 18.81 | 44.89 | 20.65 | 0.18 | 13.52 | 0.05 | 0.29 | 99.52 |
| 193 | DR07-B2 | CHR | 2 | 0.02 | 0.03 | 20.81 | 51.31 | 15.88 | 0.24 | 12.14 | 0.05 | 0.05 | 100.53 |
| 194 | DR07-B2 | CHR | 3 | 0.07 | 2.17 | 14.03 | 45.91 | 28.78 | 0.50 | 8.51 | 0.01 | 0.04 | 100.02 |
| 195 | DR07-B2 | CHR | 4 | 0.05 | 0.30 | 8.69 | 59.05 | 18.36 | 0.25 | 13.62 | 0.00 | 0.07 | 100.39 |
| 196 | DR07-B2 | CHR | 5 | 0.01 | 0.10 | 37.38 | 29.84 | 17.09 | 0.22 | 15.45 | 0.13 | 0.19 | 100.40 |
| 197 | DR07-B2 | CHR | 6 | 0.02 | 0.12 | 18.55 | 50.01 | 25.04 | 0.24 | 5.03 | 0.39 | 0.07 | 99.48 |
| 198 | DR07-B2 | CHR | 7 | 0.03 | 0.61 | 10.84 | 38.21 | 38.44 | 0.26 | 11.31 | 0.01 | 0.23 | 99.94 |
| 199 | DR07-B2 | CHR | 8 | 0.03 | 0.07 | 21.72 | 45.10 | 22.24 | 0.30 | 10.53 | 0.17 | 0.15 | 100.31 |
| 200 | DR07-B2 | CHR | 9 | 0.04 | 0.08 | 18.91 | 51.72 | 16.36 | 0.14 | 12.74 | 0.06 | 0.11 | 100.17 |
| 201 | DR07-B3 | CHR | 1 | 0.03 | 0.14 | 20.78 | 49.39 | 17.21 | 0.11 | 11.58 | 0.00 | 0.00 | 99.23 |
| 202 | DR07-B3 | CHR | 2 | 0.08 | 1.12 | 18.91 | 45.32 | 23.00 | 0.16 | 10.98 | 0.00 | 0.23 | 99.81 |
| 203 | DR07-B5 | CHR | 1 | 0.03 | 0.31 | 20.64 | 47.72 | 18.88 | 0.16 | 11.92 | 0.10 | 0.16 | 99.90 |
| 204 | DR07-B6 | CHR | 1 | 0.00 | 0.08 | 32.31 | 37.79 | 15.29 | 0.23 | 14.19 | 0.21 | 0.08 | 100.18 |
| 205 | DR07-B7 | CHR | 1 | 0.05 | 0.79 | 17.96 | 46.31 | 23.05 | 0.26 | 10.98 | 0.06 | 0.13 | 99.59 |
| 206 | DR07-B20 | CHR | 1 | 0.03 | 0.00 | 21.76 | 49.33 | 15.07 | 0.14 | 12.89 | 0.15 | 0.00 | 99.36 |
| 207 | DR07-B20 | CHR | 2 | 0.02 | 0.15 | 21.22 | 50.09 | 15.86 | 0.19 | 12.65 | 0.10 | 0.14 | 100.42 |
| 208 | DR07-B20 | CHR | 3 | 0.03 | 0.10 | 23.11 | 46.14 | 17.63 | 0.17 | 12.67 | 0.09 | 0.12 | 100.05 |
| 209 | DR07-B20 | CHR | 4 | 0.02 | 0.00 | 23.68 | 48.09 | 16.23 | 0.12 | 11.75 | 0.05 | 0.07 | 100.01 |
| 210 | DR07-B20 | CHR | 5 | 0.03 | 0.00 | 27.33 | 41.73 | 18.00 | 0.28 | 12.58 | 0.20 | 0.01 | 100.16 |
| 211 | DR07-B20 | CHR | 6 | 0.00 | 0.03 | 20.10 | 50.18 | 16.08 | 0.09 | 12.61 | 0.00 | 0.17 | 99.25 |
| 212 | DR07-B20 | CHR | 7 | 0.01 | 0.01 | 22.62 | 47.07 | 18.77 | 0.14 | 11.67 | 0.14 | 0.14 | 100.56 |
| 213 | DR07-B20 | CHR | 8 | 0.03 | 1.52 | 14.58 | 46.92 | 24.25 | 0.31 | 12.03 | 0.00 | 0.14 | 99.79 |
| 214 | DR07-B20 | CHR | 9 | 0.02 | 0.23 | 17.42 | 53.47 | 15.74 | 0.29 | 12.00 | 0.16 | 0.21 | 99.53 |
| 215 | DR07-B20 | CHR | 10 | 0.09 | 1.80 | 17.88 | 45.42 | 20.13 | 0.08 | 13.56 | 0.02 | 0.22 | 99.20 |
| 216 | DR07-B20 | CHR | 11 | 0.02 | 0.25 | 21.06 | 46.46 | 19.06 | 0.23 | 12.24 | 0.05 | 0.00 | 99.37 |
| 217 | DR07-B20 | CHR | 12 | 0.00 | 0.15 | 22.86 | 44.49 | 20.04 | 0.22 | 11.59 | 0.01 | 0.07 | 99.43 |
| 218 | DR07-B20 | CHR | 13 | 0.02 | 0.24 | 25.08 | 42.77 | 19.02 | 0.31 | 12.55 | 0.13 | 0.23 | 100.35 |
| 219 | DR07-B20 | CHR | 14 | 0.00 | 0.28 | 21.37 | 47.15 | 17.83 | 0.26 | 12.24 | 0.09 | 0.06 | 99.29 |
| 220 | DR07-B20 | CHR | 15 | 0.06 | 0.50 | 10.90 | 50.50 | 24.21 | 0.25 | 12.84 | 0.10 | 0.23 | 99.59 |

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|-----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 221 | DR07-B20 | CHR | 16 | 0.04 | 0.48 | 9.23 | 44.91 | 32.63 | 0.28 | 11.62 | 0.07 | 0.17 | 99.43 |
| 222 | DR07-B20 | CHR | 17 | 0.04 | 0.73 | 9.03 | 44.77 | 31.75 | 0.22 | 12.75 | 0.12 | 0.33 | 99.73 |
| 223 | DR07-B20 | CHR | 18 | 0.01 | 0.08 | 7.13 | 61.93 | 22.75 | 0.32 | 6.96 | 0.17 | 0.01 | 99.35 |
| 224 | DR07-B27 | CHR | 1 | 0.00 | 0.10 | 20.43 | 48.56 | 20.11 | 0.23 | 10.57 | 0.15 | 0.10 | 100.25 |
| 225 | DR07-B27 | CHR | 2 | 0.04 | 0.01 | 13.14 | 57.97 | 19.04 | 0.28 | 9.70 | 0.10 | 0.05 | 100.33 |
| 226 | DR07-B28 | CHR | 1 | 0.06 | 0.13 | 17.21 | 53.35 | 17.92 | 0.24 | 11.57 | 0.05 | 0.00 | 100.53 |
| 227 | DR07-B30 | CHR | 1 | 0.06 | 0.37 | 12.68 | 50.27 | 20.95 | 0.15 | 14.77 | 0.06 | 0.12 | 99.41 |
| 228 | DR07-B31 | CHR | 1 | 0.17 | 0.11 | 9.64 | 59.30 | 16.86 | 0.24 | 13.45 | 0.06 | 0.13 | 99.95 |
| 229 | DR07-B31 | CHR | 2 | 0.02 | 0.00 | 20.96 | 45.88 | 21.62 | 0.31 | 10.66 | 0.28 | 0.00 | 99.73 |
| 230 | DR07-B31 | CHR | 3 | 0.06 | 1.82 | 20.17 | 40.75 | 23.32 | 0.18 | 13.35 | 0.04 | 0.25 | 99.94 |
| 231 | DR07-B31 | CHR | 4 | 0.10 | 1.99 | 14.06 | 45.76 | 24.68 | 0.21 | 13.05 | 0.07 | 0.08 | 99.99 |
| 232 | DR07-B31 | CHR | 5 | 0.00 | 0.18 | 19.02 | 48.33 | 21.43 | 0.34 | 10.47 | 0.08 | 0.08 | 99.90 |
| 233 | DR07-B31 | CHR | 6 | 0.01 | 0.18 | 14.83 | 53.34 | 20.57 | 0.30 | 10.75 | 0.07 | 0.11 | 100.16 |
| 234 | DR07-B31 | CHR | 7 | 0.07 | 1.36 | 16.85 | 47.51 | 20.30 | 0.09 | 14.10 | 0.00 | 0.25 | 100.52 |
| 235 | DR07-M10 | CHR | 1 | 0.07 | 1.54 | 14.93 | 47.71 | 22.06 | 0.24 | 13.50 | 0.03 | 0.18 | 100.26 |
| 236 | DR07-M10 | CHR | 2 | 0.06 | 0.28 | 24.88 | 40.26 | 20.44 | 0.21 | 14.07 | 0.00 | 0.21 | 100.41 |
| 237 | DR07-M10 | CHR | 3 | 0.14 | 0.38 | 8.32 | 54.47 | 20.37 | 0.18 | 15.90 | 0.12 | 0.15 | 100.02 |
| 238 | DR07-M10 | CHR | 4 | 0.06 | 1.50 | 20.34 | 41.30 | 23.30 | 0.25 | 13.42 | 0.13 | 0.28 | 100.56 |
| 239 | DR07-M10 | CHR | 5 | 0.04 | 1.73 | 22.43 | 25.68 | 37.61 | 0.20 | 11.25 | 0.16 | 0.19 | 99.28 |
| 240 | DR07-M10 | CHR | 6 | 0.11 | 0.75 | 11.75 | 43.04 | 29.94 | 0.26 | 13.33 | 0.03 | 0.24 | 99.45 |
| 241 | DR07-M13 | CHR | 1 | 0.11 | 1.46 | 19.83 | 42.22 | 22.19 | 0.19 | 14.39 | 0.03 | 0.17 | 100.59 |
| 242 | DR07-M20 | CHR | 1 | 0.17 | 0.32 | 33.76 | 32.78 | 14.21 | 0.17 | 17.57 | 0.07 | 0.19 | 99.24 |
| 243 | DR07-M20 | CHR | 2 | 0.07 | 0.14 | 33.42 | 33.94 | 14.49 | 0.15 | 17.34 | 0.02 | 0.26 | 99.81 |
| 244 | DR07-M20 | CHR | 3 | 0.02 | 0.11 | 33.98 | 31.28 | 18.10 | 0.20 | 15.41 | 0.14 | 0.08 | 99.30 |
| 245 | DR07-M20 | CHR | 4 | 0.07 | 0.42 | 35.50 | 30.77 | 17.63 | 0.11 | 15.81 | 0.01 | 0.23 | 100.55 |
| 246 | DR07-M20 | CHR | 5 | 0.04 | 0.86 | 18.92 | 47.31 | 17.74 | 0.13 | 15.18 | 0.00 | 0.31 | 100.49 |
| 247 | DR07-M20 | CHR | 6 | 0.06 | 0.64 | 18.96 | 46.81 | 18.57 | 0.12 | 14.87 | 0.00 | 0.12 | 100.15 |
| 248 | DR07-M20 | CHR | 7 | 0.16 | 0.43 | 30.48 | 35.70 | 19.85 | 0.24 | 13.46 | 0.01 | 0.22 | 100.54 |
| 249 | DR07-M20 | CHR | 8 | 0.02 | 0.25 | 23.80 | 39.47 | 25.35 | 0.34 | 10.68 | 0.14 | 0.17 | 100.21 |
| 250 | DR07-M20 | CHR | 9 | 0.09 | 0.09 | 26.85 | 44.11 | 12.88 | 0.16 | 15.90 | 0.05 | 0.17 | 100.30 |
| 251 | DR07-M20 | CHR | 10 | 0.00 | 0.25 | 34.11 | 28.10 | 23.40 | 0.20 | 13.12 | 0.10 | 0.23 | 99.51 |
| 252 | DR07-M20 | CHR | 11 | 0.00 | 0.28 | 33.01 | 32.45 | 22.24 | 0.26 | 11.93 | 0.17 | 0.16 | 100.51 |
| 253 | DR07-M20 | CHR | 12 | 0.05 | 0.45 | 34.78 | 33.53 | 14.56 | 0.15 | 16.66 | 0.06 | 0.15 | 100.39 |
| 254 | DR07-M20 | CHR | 13 | 0.09 | 1.53 | 16.41 | 44.74 | 23.47 | 0.15 | 12.72 | 0.13 | 0.18 | 99.42 |
| 255 | DR07-M20 | CHR | 14 | 0.03 | 0.58 | 7.04 | 51.70 | 28.41 | 0.20 | 11.59 | 0.00 | 0.07 | 99.62 |
| 256 | DR07-M20 | CHR | 15 | 0.23 | 0.10 | 9.69 | 56.01 | 24.06 | 0.29 | 9.27 | 0.06 | 0.22 | 99.94 |
| 257 | DR07-M20 | CHR | 16 | 0.00 | 0.56 | 23.00 | 41.80 | 29.58 | 0.31 | 3.84 | 0.36 | 0.00 | 99.44 |

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|-----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 258 | DR07-M20 | CHR | 17 | 0.30 | 0.89 | 9.80 | 53.67 | 25.76 | 0.40 | 8.82 | 0.06 | 0.08 | 99.79 |
| 259 | DR07-M20 | CHR | 18 | 0.11 | 1.21 | 29.44 | 32.56 | 22.41 | 0.14 | 14.31 | 0.05 | 0.21 | 100.44 |
| 260 | DR07-M20 | CHR | 19 | 0.00 | 0.31 | 22.15 | 44.99 | 21.34 | 0.20 | 11.26 | 0.19 | 0.12 | 100.58 |
| 261 | DR07-M20 | CHR | 20 | 0.00 | 0.33 | 23.56 | 44.77 | 18.09 | 0.13 | 13.48 | 0.05 | 0.12 | 100.53 |
| 262 | DR07-M20 | CHR | 21 | 0.05 | 1.05 | 14.17 | 52.00 | 19.91 | 0.21 | 12.83 | 0.12 | 0.12 | 100.46 |
| 263 | DR07-M20 | CHR | 22 | 0.00 | 0.12 | 17.71 | 46.43 | 26.49 | 0.40 | 9.20 | 0.13 | 0.10 | 100.58 |
| 264 | DR07-M20 | CHR | 23 | 0.09 | 1.33 | 21.98 | 39.01 | 23.55 | 0.25 | 13.64 | 0.00 | 0.20 | 100.04 |
| 265 | DR07-M20 | CHR | 24 | 0.02 | 0.09 | 21.72 | 49.41 | 16.82 | 0.32 | 11.96 | 0.16 | 0.00 | 100.50 |
| 266 | DR07-M20 | CHR | 25 | 0.10 | 0.93 | 21.31 | 45.07 | 17.36 | 0.15 | 15.26 | 0.05 | 0.14 | 100.36 |
| 267 | DR07-M20 | CHR | 26 | 0.01 | 0.26 | 23.21 | 44.98 | 18.93 | 0.29 | 12.22 | 0.04 | 0.18 | 100.11 |
| 268 | DR07-M20 | CHR | 27 | 0.03 | 0.04 | 11.09 | 58.60 | 19.84 | 0.38 | 9.90 | 0.07 | 0.00 | 99.94 |
| 269 | DR07-M20 | CHR | 28 | 0.05 | 0.31 | 22.85 | 38.59 | 28.04 | 0.27 | 9.79 | 0.12 | 0.03 | 100.05 |
| 270 | DR07-M20 | CHR | 29 | 0.02 | 0.11 | 18.50 | 50.81 | 20.96 | 0.66 | 8.21 | 0.20 | 0.00 | 99.46 |
| 271 | DR07-M20 | CHR | 30 | 0.11 | 0.51 | 10.03 | 52.19 | 22.39 | 0.19 | 14.08 | 0.00 | 0.32 | 99.81 |
| 272 | DR07-M20 | CHR | 31 | 0.07 | 0.34 | 9.07 | 51.88 | 24.50 | 0.24 | 13.16 | 0.00 | 0.13 | 99.39 |
| 273 | DR07-M20 | CHR | 32 | 0.11 | 1.16 | 18.64 | 46.27 | 18.98 | 0.19 | 14.52 | 0.02 | 0.20 | 100.09 |
| 274 | DR07-M20 | CHR | 33 | 0.00 | 0.18 | 22.72 | 38.16 | 28.66 | 0.31 | 9.83 | 0.12 | 0.10 | 100.07 |
| 275 | DR07-M20 | CHR | 34 | 0.03 | 0.32 | 21.14 | 47.09 | 17.77 | 0.28 | 12.85 | 0.09 | 0.04 | 99.62 |
| 276 | DR07-M20 | CHR | 35 | 0.00 | 0.43 | 23.69 | 43.78 | 18.51 | 0.24 | 12.66 | 0.20 | 0.07 | 99.57 |
| 277 | DR07-M20 | CHR | 36 | 0.00 | 0.52 | 27.33 | 39.52 | 18.84 | 0.38 | 13.34 | 0.21 | 0.19 | 100.32 |
| 278 | DR07-M20 | CHR | 37 | 0.01 | 0.47 | 27.82 | 38.60 | 18.74 | 0.50 | 13.53 | 0.19 | 0.29 | 100.14 |
| 279 | DR07-M20 | CHR | 38 | 0.00 | 0.33 | 27.69 | 39.39 | 20.12 | 0.25 | 12.01 | 0.08 | 0.16 | 100.02 |
| 280 | DR07-M20 | CHR | 39 | 0.11 | 1.36 | 16.89 | 46.36 | 23.32 | 0.11 | 12.10 | 0.00 | 0.31 | 100.57 |
| 281 | DR07-M20 | CHR | 40 | 0.00 | 0.09 | 28.04 | 38.28 | 21.58 | 0.23 | 12.00 | 0.13 | 0.18 | 100.54 |
| 282 | DR07-M20 | CHR | 41 | 0.07 | 3.29 | 20.75 | 33.57 | 28.64 | 0.22 | 13.71 | 0.07 | 0.27 | 100.58 |
| 283 | DR07-M20 | CHR | 42 | 0.02 | 0.10 | 26.25 | 42.22 | 16.97 | 0.26 | 13.70 | 0.16 | 0.30 | 99.96 |
| 284 | DR07-M20 | CHR | 43 | 0.00 | 0.10 | 19.69 | 47.51 | 21.67 | 0.24 | 9.92 | 0.17 | 0.03 | 99.33 |
| 285 | DR07-M20 | CHR | 44 | 0.00 | 0.27 | 15.50 | 43.70 | 32.17 | 0.31 | 8.10 | 0.20 | 0.12 | 100.36 |
| 286 | DR07-M20 | CHR | 45 | 0.05 | 0.57 | 7.62 | 52.72 | 27.05 | 0.16 | 11.09 | 0.04 | 0.12 | 99.43 |
| 287 | DR07-M20 | CHR | 46 | 0.04 | 0.00 | 23.59 | 43.66 | 22.15 | 0.24 | 10.50 | 0.25 | 0.00 | 100.42 |
| 288 | DR07-M20 | CHR | 47 | 0.01 | 0.21 | 29.85 | 38.69 | 16.81 | 0.28 | 14.12 | 0.11 | 0.20 | 100.27 |
| 289 | DR07-M20 | CHR | 48 | 0.01 | 0.27 | 21.54 | 44.65 | 22.69 | 0.25 | 9.94 | 0.12 | 0.11 | 99.57 |
| 290 | DR07-M20 | CHR | 49 | 0.13 | 0.04 | 10.02 | 57.58 | 20.07 | 0.21 | 11.88 | 0.06 | 0.22 | 100.18 |
| 291 | DR07-M20 | CHR | 50 | 0.01 | 0.03 | 21.87 | 46.65 | 21.12 | 0.27 | 10.34 | 0.18 | 0.07 | 100.54 |
| 292 | DR07-M20 | CHR | 51 | 0.17 | 0.27 | 21.43 | 45.70 | 20.18 | 0.21 | 12.38 | 0.00 | 0.17 | 100.50 |
| 293 | DR07-M20 | CHR | 52 | 0.09 | 2.14 | 16.58 | 45.03 | 22.02 | 0.15 | 12.92 | 0.05 | 0.31 | 99.29 |
| 294 | DR07-M20 | CHR | 53 | 0.18 | 1.00 | 26.66 | 37.61 | 22.37 | 0.38 | 11.75 | 0.00 | 0.12 | 100.06 |

| | | | | | | | | | | | | | |
|-----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 295 | DR07-M20 | CHR | 54 | 0.00 | 0.01 | 21.88 | 51.21 | 13.70 | 0.17 | 13.41 | 0.17 | 0.02 | 100.57 |
| 296 | DR07-M20 | CHR | 55 | 0.03 | 0.81 | 27.24 | 36.23 | 21.30 | 0.23 | 14.27 | 0.04 | 0.16 | 100.31 |
| 297 | DR07-M20 | CHR | 56 | 0.04 | 0.21 | 20.54 | 45.40 | 23.90 | 0.16 | 8.74 | 0.20 | 0.07 | 99.25 |
| 298 | DR07-M20 | CHR | 57 | 0.12 | 1.44 | 21.22 | 42.88 | 19.50 | 0.14 | 14.80 | 0.08 | 0.22 | 100.41 |
| 299 | DR07-M20 | CHR | 59 | 0.05 | 0.29 | 9.43 | 52.68 | 22.78 | 0.22 | 13.99 | 0.01 | 0.11 | 99.56 |
| 300 | DR07-M20 | CHR | 60 | 0.01 | 0.47 | 17.16 | 47.77 | 20.59 | 0.09 | 13.19 | 0.07 | 0.08 | 99.42 |
| 301 | DR07-M20 | CHR | 62 | 0.03 | 0.19 | 34.67 | 33.71 | 15.03 | 0.07 | 16.25 | 0.10 | 0.35 | 100.40 |
| 302 | DR07-M20 | CHR | 63 | 0.02 | 0.21 | 23.47 | 44.67 | 21.17 | 0.26 | 10.52 | 0.16 | 0.09 | 100.56 |
| 303 | DR07-M20 | CHR | 64 | 0.10 | 1.13 | 17.59 | 46.48 | 20.45 | 0.17 | 14.29 | 0.00 | 0.23 | 100.43 |
| 304 | DR07-M20 | CHR | 65 | 0.16 | 0.23 | 9.77 | 59.23 | 16.59 | 0.23 | 12.88 | 0.09 | 0.16 | 99.34 |
| 305 | DR07-M20 | CHR | 66 | 0.01 | 0.37 | 15.81 | 53.22 | 17.63 | 0.21 | 12.41 | 0.00 | 0.21 | 99.87 |
| 306 | DR07-M20 | CHR | 67 | 0.08 | 0.74 | 12.52 | 45.04 | 27.00 | 0.15 | 14.74 | 0.08 | 0.16 | 100.52 |
| 307 | DR07-M20 | CHR | 68 | 0.13 | 2.95 | 27.02 | 27.46 | 29.03 | 0.28 | 13.43 | 0.04 | 0.23 | 100.56 |
| 308 | DR07-M20 | CHR | 69 | 0.01 | 0.32 | 22.29 | 46.73 | 18.99 | 0.32 | 11.55 | 0.16 | 0.06 | 100.43 |
| 309 | DR07-M20 | CHR | 70 | 0.05 | 2.01 | 30.21 | 27.15 | 26.64 | 0.16 | 13.54 | 0.07 | 0.19 | 100.02 |
| 310 | DR07-M20 | CHR | 71 | 0.07 | 2.04 | 20.75 | 37.89 | 27.76 | 0.26 | 10.22 | 0.08 | 0.32 | 99.39 |
| 311 | DR07-M20 | CHR | 72 | 0.08 | 0.06 | 30.23 | 37.09 | 16.55 | 0.25 | 16.04 | 0.08 | 0.05 | 100.42 |
| 312 | DR07-M20 | CHR | 73 | 0.10 | 1.20 | 19.20 | 42.55 | 24.34 | 0.15 | 12.64 | 0.14 | 0.23 | 100.54 |
| 313 | DR07-M20 | CHR | 74 | 0.13 | 1.13 | 28.07 | 36.52 | 19.29 | 0.18 | 15.05 | 0.00 | 0.14 | 100.51 |
| 314 | DR07-M20 | CHR | 75 | 0.04 | 0.14 | 6.38 | 59.26 | 20.84 | 0.26 | 12.83 | 0.00 | 0.14 | 99.89 |
| 315 | DR07-M20 | CHR | 76 | 0.07 | 1.62 | 16.41 | 44.10 | 24.66 | 0.17 | 12.91 | 0.05 | 0.20 | 100.19 |
| 316 | DR07-M20 | CHR | 77 | 0.01 | 0.12 | 16.41 | 54.20 | 18.54 | 0.31 | 10.78 | 0.08 | 0.12 | 100.57 |
| 317 | DR07-M20 | CHR | 78 | 0.00 | 0.19 | 24.29 | 42.68 | 19.69 | 0.26 | 12.76 | 0.08 | 0.01 | 99.96 |
| 318 | DR07-M20 | CHR | 79 | 0.03 | 0.06 | 21.89 | 47.09 | 17.86 | 0.16 | 12.87 | 0.14 | 0.06 | 100.17 |
| 319 | DR07-M20 | CHR | 80 | 0.02 | 0.08 | 6.16 | 63.08 | 23.24 | 0.37 | 7.35 | 0.09 | 0.00 | 100.38 |
| 320 | DR07-M20 | CHR | 81 | 0.01 | 0.19 | 19.50 | 48.41 | 18.85 | 0.23 | 12.74 | 0.07 | 0.04 | 100.04 |
| 321 | DR07-M20 | CHR | 82 | 0.07 | 0.90 | 12.58 | 36.37 | 35.47 | 0.28 | 13.55 | 0.07 | 0.21 | 99.49 |
| 322 | DR07-M20 | CHR | 83 | 0.03 | 0.00 | 18.83 | 47.95 | 22.16 | 0.32 | 10.47 | 0.16 | 0.15 | 100.07 |
| 323 | DR07-M20 | CHR | 84 | 0.06 | 0.81 | 9.00 | 35.68 | 40.27 | 0.25 | 13.40 | 0.02 | 0.28 | 99.77 |
| 324 | DR07-M20 | CHR | 85 | 0.04 | 0.19 | 22.49 | 46.57 | 17.03 | 0.14 | 13.74 | 0.09 | 0.14 | 100.42 |
| 325 | DR07-M20 | CHR | 86 | 0.10 | 2.93 | 18.00 | 39.46 | 26.02 | 0.22 | 13.52 | 0.05 | 0.23 | 100.54 |
| 326 | DR07-M20 | CHR | 87 | 0.08 | 0.47 | 8.61 | 50.88 | 23.94 | 0.19 | 15.06 | 0.00 | 0.18 | 99.41 |
| 327 | DR07-M21 | CHR | 1 | 0.00 | 0.09 | 44.08 | 25.08 | 11.70 | 0.12 | 18.63 | 0.05 | 0.22 | 99.96 |
| 328 | DR07-M21 | CHR | 2 | 0.06 | 3.05 | 14.89 | 40.16 | 29.99 | 0.22 | 10.91 | 0.15 | 0.16 | 99.58 |
| 329 | DR07-M21 | CHR | 3 | 0.10 | 1.49 | 17.96 | 42.67 | 23.92 | 0.16 | 12.96 | 0.09 | 0.11 | 99.46 |
| 330 | DR07-M21 | CHR | 4 | 0.04 | 2.14 | 18.78 | 38.12 | 27.63 | 0.18 | 13.35 | 0.16 | 0.14 | 100.55 |
| 331 | DR07-M21 | CHR | 5 | 0.00 | 0.32 | 21.04 | 47.00 | 19.33 | 0.28 | 12.13 | 0.16 | 0.14 | 100.40 |

| | | | | | | | | | | | | | |
|-----|----------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 332 | DR07-M21 | CHR | 6 | 0.06 | 1.01 | 18.42 | 45.78 | 19.54 | 0.14 | 14.88 | 0.00 | 0.26 | 100.08 |
| 333 | DR07-M21 | CHR | 7 | 0.09 | 1.30 | 15.53 | 48.80 | 20.43 | 0.07 | 13.92 | 0.11 | 0.20 | 100.45 |
| 334 | DR07-M21 | CHR | 8 | 0.06 | 1.36 | 21.79 | 39.03 | 22.84 | 0.15 | 14.67 | 0.04 | 0.32 | 100.24 |
| 335 | DR07-M21 | CHR | 9 | 0.00 | 0.12 | 26.37 | 40.22 | 17.91 | 0.15 | 14.67 | 0.20 | 0.08 | 99.71 |
| 336 | DR07-M21 | CHR | 10 | 0.00 | 0.04 | 27.93 | 40.12 | 17.14 | 0.22 | 14.51 | 0.17 | 0.10 | 100.22 |
| 337 | DR07-M21 | CHR | 12 | 0.08 | 1.22 | 18.47 | 45.48 | 19.09 | 0.11 | 14.70 | 0.00 | 0.30 | 99.43 |
| 338 | DR07-M21 | CHR | 13 | 0.08 | 1.09 | 20.15 | 43.98 | 23.58 | 0.20 | 11.06 | 0.08 | 0.12 | 100.34 |
| 339 | DR07-M21 | CHR | 14 | 0.06 | 0.03 | 24.02 | 43.96 | 15.47 | 0.15 | 15.62 | 0.00 | 0.00 | 99.31 |
| 340 | DR07-M21 | CHR | 15 | 0.00 | 0.14 | 14.20 | 48.59 | 26.39 | 0.26 | 10.54 | 0.10 | 0.11 | 100.32 |
| 341 | DR07-M21 | CHR | 16 | 0.08 | 1.15 | 15.80 | 47.46 | 24.51 | 0.24 | 10.85 | 0.02 | 0.21 | 100.31 |
| 342 | DR07-M21 | CHR | 17 | 0.06 | 1.48 | 14.35 | 48.37 | 21.68 | 0.30 | 12.93 | 0.09 | 0.14 | 99.38 |
| 343 | DR07-M21 | CHR | 19 | 0.01 | 0.15 | 19.28 | 50.52 | 17.58 | 0.20 | 12.64 | 0.10 | 0.10 | 100.56 |
| 344 | DR07-M21 | CHR | 20 | 0.07 | 3.22 | 11.91 | 41.49 | 30.80 | 0.29 | 11.45 | 0.00 | 0.26 | 99.49 |
| 345 | DR07-M21 | CHR | 21 | 0.11 | 1.14 | 17.00 | 45.52 | 22.22 | 0.20 | 13.78 | 0.09 | 0.34 | 100.38 |
| 346 | DR07-M21 | CHR | 22 | 0.04 | 0.00 | 25.00 | 42.32 | 21.28 | 0.25 | 11.55 | 0.14 | 0.02 | 100.59 |
| 347 | DR07-M21 | CHR | 23 | 0.05 | 0.24 | 19.42 | 50.66 | 16.78 | 0.20 | 12.61 | 0.23 | 0.07 | 100.26 |
| 348 | DR07-M21 | CHR | 24 | 0.02 | 0.24 | 21.37 | 46.21 | 19.24 | 0.29 | 12.10 | 0.12 | 0.03 | 99.61 |
| 349 | DR07-M21 | CHR | 25 | 0.05 | 0.00 | 30.11 | 38.24 | 14.72 | 0.22 | 16.02 | 0.12 | 0.30 | 99.79 |
| 350 | DR07-M21 | CHR | 26 | 0.14 | 0.18 | 25.13 | 42.10 | 16.72 | 0.20 | 15.79 | 0.02 | 0.27 | 100.55 |
| 351 | DR07-M21 | CHR | 27 | 0.02 | 0.04 | 24.61 | 42.45 | 19.72 | 0.26 | 12.02 | 0.27 | 0.08 | 99.48 |
| 352 | DR07-M21 | CHR | 28 | 0.02 | 1.02 | 16.58 | 41.05 | 32.95 | 0.06 | 8.10 | 0.06 | 0.06 | 99.91 |
| 353 | DR07-M21 | CHR | 29 | 0.06 | 0.14 | 32.18 | 35.66 | 15.23 | 0.14 | 16.89 | 0.00 | 0.30 | 100.59 |
| 354 | DR07-M21 | CHR | 30 | 0.08 | 1.36 | 18.46 | 45.45 | 20.07 | 0.17 | 14.40 | 0.13 | 0.23 | 100.36 |
| 355 | DR07-M21 | CHR | 31 | 0.07 | 2.14 | 13.74 | 47.64 | 22.48 | 0.30 | 13.66 | 0.00 | 0.25 | 100.29 |
| 356 | DR07-M21 | CHR | 32 | 0.03 | 0.10 | 18.52 | 50.47 | 17.96 | 0.17 | 12.70 | 0.05 | 0.11 | 100.11 |
| 357 | DR07-M21 | CHR | 33 | 0.01 | 0.10 | 18.69 | 52.45 | 15.51 | 0.21 | 13.09 | 0.09 | 0.00 | 100.14 |
| 358 | DR07-M21 | CHR | 34 | 0.01 | 0.03 | 24.12 | 42.42 | 19.54 | 0.15 | 12.97 | 0.04 | 0.13 | 99.40 |
| 359 | DR07-M21 | CHR | 35 | 0.04 | 1.20 | 13.16 | 33.83 | 38.73 | 0.25 | 12.54 | 0.01 | 0.18 | 99.93 |
| 360 | DR07-M21 | CHR | 36 | 0.08 | 1.32 | 21.50 | 38.71 | 22.29 | 0.13 | 15.05 | 0.04 | 0.35 | 99.46 |
| 361 | DR07-M21 | CHR | 37 | 0.06 | 1.18 | 18.94 | 41.09 | 26.29 | 0.26 | 12.33 | 0.12 | 0.12 | 100.39 |
| 362 | DR07-M21 | CHR | 38 | 0.05 | 1.33 | 18.67 | 40.59 | 26.38 | 0.34 | 12.10 | 0.06 | 0.15 | 99.66 |
| 363 | DR07-M21 | CHR | 39 | 0.07 | 1.49 | 18.67 | 41.53 | 25.63 | 0.18 | 12.27 | 0.02 | 0.14 | 100.00 |
| 364 | DR07-M21 | CHR | 40 | 0.10 | 0.82 | 11.65 | 36.45 | 36.16 | 0.14 | 13.63 | 0.01 | 0.35 | 99.31 |
| 365 | DR07-S1 | CHR | 1 | 0.00 | 0.06 | 16.47 | 51.14 | 21.67 | 0.31 | 9.84 | 0.05 | 0.07 | 99.62 |
| 366 | DR07-S1 | CHR | 2 | 0.10 | 0.75 | 33.54 | 30.79 | 19.47 | 0.10 | 15.19 | 0.05 | 0.21 | 100.20 |
| 367 | DR07-S2 | CHR | 1 | 0.02 | 0.36 | 12.61 | 50.13 | 28.55 | 0.41 | 7.67 | 0.09 | 0.20 | 100.05 |
| 368 | DR07-S5 | CHR | 1 | 0.02 | 0.05 | 17.21 | 53.09 | 18.12 | 0.19 | 11.36 | 0.08 | 0.13 | 100.26 |

| | | | | | | | | | | | | | |
|-----|---------|-----|----|------|------|-------|-------|-------|------|-------|------|------|--------|
| 369 | DR07-S6 | CHR | 1 | 0.08 | 1.39 | 17.49 | 46.31 | 20.56 | 0.21 | 14.21 | 0.07 | 0.25 | 100.57 |
| 370 | DR07-S8 | CHR | 1 | 0.04 | 0.06 | 18.16 | 51.44 | 17.53 | 0.24 | 11.93 | 0.13 | 0.00 | 99.51 |
| 371 | DR07-T3 | CHR | 1 | 0.02 | 0.17 | 16.66 | 50.22 | 23.49 | 0.36 | 9.33 | 0.26 | 0.02 | 100.50 |
| 372 | DR07-T3 | CHR | 2 | 0.00 | 0.05 | 21.44 | 45.75 | 20.88 | 0.24 | 11.14 | 0.25 | 0.10 | 99.85 |
| 373 | DR07-T3 | CHR | 3 | 0.00 | 0.20 | 36.79 | 30.86 | 17.20 | 0.08 | 14.66 | 0.15 | 0.22 | 100.15 |
| 374 | DR07-T3 | CHR | 7 | 0.00 | 0.25 | 25.37 | 41.89 | 19.85 | 0.19 | 12.37 | 0.10 | 0.05 | 100.06 |
| 375 | DR07-T3 | CHR | 8 | 0.00 | 0.09 | 28.44 | 39.54 | 18.50 | 0.18 | 13.57 | 0.11 | 0.13 | 100.55 |
| 376 | DR07-T3 | CHR | 9 | 0.04 | 0.97 | 10.93 | 38.70 | 36.97 | 0.30 | 11.34 | 0.05 | 0.15 | 99.45 |
| 377 | DR07-T3 | CHR | 10 | 0.02 | 0.07 | 19.91 | 51.64 | 14.91 | 0.17 | 13.09 | 0.13 | 0.06 | 100.00 |
| 378 | DR07-T3 | CHR | 11 | 0.02 | 0.10 | 19.96 | 47.89 | 19.78 | 0.30 | 11.72 | 0.19 | 0.00 | 99.96 |
| 379 | DR07-T3 | CHR | 12 | 0.02 | 0.12 | 20.82 | 47.31 | 20.03 | 0.21 | 11.29 | 0.07 | 0.06 | 99.91 |
| 380 | DR07-T3 | CHR | 13 | 0.10 | 0.27 | 25.24 | 39.58 | 19.86 | 0.26 | 13.95 | 0.01 | 0.12 | 99.40 |
| 381 | DR07-T3 | CHR | 14 | 0.07 | 1.52 | 14.77 | 47.43 | 22.35 | 0.22 | 12.77 | 0.06 | 0.20 | 99.40 |
| 382 | DR07-T3 | CHR | 15 | 0.05 | 0.18 | 27.51 | 38.62 | 18.04 | 0.20 | 15.17 | 0.12 | 0.16 | 100.04 |
| 383 | DR07-T3 | CHR | 16 | 0.00 | 0.26 | 23.23 | 45.09 | 18.94 | 0.19 | 12.41 | 0.01 | 0.20 | 100.34 |
| 384 | DR07-T3 | CHR | 17 | 0.00 | 0.03 | 16.15 | 53.76 | 19.73 | 0.23 | 9.70 | 0.03 | 0.09 | 99.71 |
| 385 | DR07-T3 | CHR | 18 | 0.02 | 0.09 | 23.67 | 45.96 | 16.63 | 0.15 | 13.68 | 0.07 | 0.24 | 100.50 |
| 386 | DR07-T3 | CHR | 19 | 0.05 | 0.63 | 8.86 | 46.14 | 34.47 | 0.28 | 9.53 | 0.09 | 0.03 | 100.08 |
| 387 | DR07-T3 | CHR | 21 | 0.12 | 0.18 | 11.36 | 55.65 | 21.01 | 0.29 | 11.83 | 0.00 | 0.08 | 100.52 |
| 388 | DR07-T3 | CHR | 22 | 0.02 | 0.12 | 31.69 | 37.94 | 13.49 | 0.22 | 16.13 | 0.12 | 0.16 | 99.90 |
| 389 | DR07-T3 | CHR | 23 | 0.01 | 0.20 | 23.15 | 47.02 | 15.60 | 0.16 | 13.53 | 0.02 | 0.03 | 99.72 |
| 390 | DR07-T3 | CHR | 24 | 0.10 | 0.24 | 28.62 | 39.10 | 16.55 | 0.18 | 15.12 | 0.10 | 0.40 | 100.40 |
| 391 | DR07-T3 | CHR | 25 | 0.00 | 0.04 | 20.49 | 47.54 | 18.51 | 0.13 | 12.86 | 0.11 | 0.13 | 99.80 |
| 392 | DR07-T3 | CHR | 26 | 0.00 | 0.22 | 24.57 | 43.13 | 18.68 | 0.20 | 13.23 | 0.11 | 0.13 | 100.29 |
| 393 | DR07-T3 | CHR | 27 | 0.06 | 0.33 | 10.41 | 48.88 | 25.77 | 0.22 | 14.66 | 0.11 | 0.10 | 100.53 |
| 394 | DR07-T3 | CHR | 28 | 0.02 | 0.37 | 25.18 | 44.37 | 16.72 | 0.20 | 13.22 | 0.11 | 0.11 | 100.28 |
| 395 | DR07-T3 | CHR | 29 | 0.03 | 0.29 | 20.24 | 49.18 | 19.63 | 0.23 | 10.37 | 0.07 | 0.05 | 100.08 |
| 396 | DR07-T3 | CHR | 30 | 0.03 | 0.00 | 24.44 | 44.50 | 17.46 | 0.26 | 13.33 | 0.16 | 0.15 | 100.33 |
| 397 | DR07-T3 | CHR | 31 | 0.03 | 0.25 | 21.20 | 48.27 | 19.12 | 0.22 | 11.33 | 0.07 | 0.00 | 100.50 |
| 398 | DR07-T3 | CHR | 32 | 0.03 | 0.29 | 10.56 | 49.69 | 30.60 | 0.41 | 7.58 | 0.16 | 0.22 | 99.54 |
| 399 | DR07-T3 | CHR | 33 | 0.06 | 1.72 | 24.37 | 36.92 | 22.87 | 0.21 | 13.67 | 0.04 | 0.27 | 100.12 |
| 400 | DR07-T3 | CHR | 34 | 0.02 | 0.19 | 20.66 | 43.21 | 25.66 | 0.28 | 10.19 | 0.16 | 0.18 | 100.52 |
| 401 | DR07-T3 | CHR | 35 | 0.01 | 0.25 | 9.06 | 52.68 | 29.94 | 0.27 | 7.09 | 0.15 | 0.02 | 99.48 |
| 402 | DR07-T3 | CHR | 36 | 0.08 | 0.29 | 22.24 | 47.44 | 13.54 | 0.05 | 16.76 | 0.06 | 0.13 | 100.59 |
| 403 | DR07-T3 | CHR | 37 | 0.09 | 1.29 | 19.28 | 43.95 | 21.75 | 0.21 | 13.63 | 0.00 | 0.27 | 100.46 |
| 404 | DR07-T5 | CHR | 1 | 0.06 | 2.13 | 18.96 | 38.17 | 33.96 | 0.24 | 6.33 | 0.22 | 0.26 | 100.34 |
| 405 | DR07-T5 | CHR | 2 | 0.00 | 0.12 | 10.93 | 58.40 | 20.41 | 0.25 | 9.80 | 0.15 | 0.00 | 100.06 |

406 DR07-T5 CHR 3 0.06 0.37 25.05 36.77 22.44 0.16 14.70 0.10 0.18 99.83

APPENDIX III

Company Results

IVEY Canadian Exploration

| Group # | Description | Date | Wt | Au | Pd | Pt | Original Weigh | Weight Ratio | Au bulk sample | Au bulk sample |
|-----------|-------------|------------|---------|-------|-------|-------|----------------|--------------|----------------|----------------|
| | | | (g) | (ppb) | (ppb) | (ppb) | (kg) | origina(ppb) | (g/tonne) | (ppm) |
| G-2008-70 | DR07-A14 | 03-28-2008 | 69.82 | 829 | <2 | <2 | 9.00 | 0.007758 | 6.43 | 0.00643 |
| G-2008-70 | DR07-A15 | 03-28-2008 | 67.14 | 462 | <2 | <2 | 9.95 | 0.006748 | 3.12 | 0.00312 |
| G-2008-70 | DR07-A17 | 03-28-2008 | 1065.49 | 85084 | 701 | 16 | 472.60 | 0.002255 | 191.82 | 0.19182 |
| G-2008-70 | DR07-A18 | 03-28-2008 | 540.69 | 41006 | 303 | 14 | 182.50 | 0.002963 | 121.49 | 0.12149 |
| G-2008-70 | DR07-A26 | 03-28-2008 | 117.90 | 21586 | 176 | 4 | 40.45 | 0.002915 | 62.92 | 0.06292 |
| G-2008-70 | DR07-A28 | 03-28-2008 | 140.94 | 4899 | 83 | <2 | 57.75 | 0.002441 | 11.96 | 0.01196 |
| G-2008-70 | DR07-A29 | 03-28-2008 | 59.06 | 5480 | 2 | <2 | 40.05 | 0.001475 | 8.08 | 0.00808 |
| G-2008-70 | DR07-B2 | 03-28-2008 | 223.82 | 14146 | 100 | 2 | 82.60 | 0.002710 | 38.33 | 0.03833 |
| G-2008-70 | DR07-B3 | 03-28-2008 | 58.14 | 4788 | 2 | 7 | 23.60 | 0.002464 | 11.80 | 0.01180 |
| G-2008-70 | DR07-B4 | 03-28-2008 | 52.41 | 909 | <2 | <2 | 14.65 | 0.003577 | 3.25 | 0.00325 |
| G-2008-70 | DR07-B5 | 03-28-2008 | 52.34 | 1636 | <2 | <2 | 8.80 | 0.005948 | 9.73 | 0.00973 |
| G-2008-70 | DR07-B6 | 03-28-2008 | 60.14 | 619 | <2 | <2 | 14.15 | 0.004250 | 2.63 | 0.00263 |
| G-2008-70 | DR07-B7 | 03-28-2008 | 64.08 | 665 | <2 | <2 | 15.75 | 0.004069 | 2.71 | 0.00271 |
| G-2008-70 | DR07-B20 | 03-28-2008 | 92.97 | 2718 | 340 | 5 | 31.10 | 0.002989 | 8.13 | 0.00813 |
| G-2008-70 | DR07-B26 | 03-28-2008 | 295.02 | 3846 | <2 | <2 | 114.05 | 0.002587 | 9.95 | 0.00995 |
| G-2008-70 | DR07-B27 | 03-28-2008 | 181.20 | 1109 | 222 | 2 | 101.40 | 0.001787 | 1.98 | 0.00198 |
| G-2008-70 | DR07-B28 | 03-28-2008 | 60.26 | 339 | <2 | <2 | 39.85 | 0.001512 | 0.51 | 0.00051 |
| G-2008-70 | DR07-B29 | 03-28-2008 | 61.86 | 1760 | <2 | <2 | 30.05 | 0.002059 | 3.62 | 0.00362 |
| G-2008-70 | DR07-B30 | 03-28-2008 | 57.07 | 144 | <2 | <2 | 7.80 | 0.007317 | 1.05 | 0.00105 |
| G-2008-70 | DR07-B31 | 03-28-2008 | 58.07 | 71 | <2 | <2 | 8.35 | 0.006954 | 0.49 | 0.00049 |
| G-2008-70 | DR07-B35 | 03-28-2008 | 56.96 | 2562 | <2 | <2 | 29.20 | 0.001951 | 5.00 | 0.00500 |
| G-2008-70 | DR07-B42 | 03-28-2008 | 60.67 | 1061 | 2 | <2 | 8.55 | 0.007096 | 7.53 | 0.00753 |
| G-2008-70 | DR07-M2 | 03-28-2008 | 49.49 | 203 | <2 | <2 | 16.90 | 0.002928 | 0.59 | 0.00059 |
| G-2008-70 | DR07-M7 | 03-28-2008 | 168.49 | 10 | <2 | <2 | 102.75 | 0.001640 | 0.02 | 0.00002 |
| G-2008-70 | DR07-M10 | 03-28-2008 | 50.24 | 125 | <2 | <2 | 13.10 | 0.003835 | 0.48 | 0.00048 |
| G-2008-70 | DR07-M13 | 03-28-2008 | 158.85 | 1099 | <2 | <2 | 70.30 | 0.002260 | 2.48 | 0.00248 |
| G-2008-70 | DR07-M16 | 03-28-2008 | 50.00 | 7306 | <2 | <2 | 24.20 | 0.002066 | 15.10 | 0.01510 |
| G-2008-70 | DR07-M17 | 03-28-2008 | 55.03 | 815 | <2 | <2 | 23.55 | 0.002337 | 1.90 | 0.00190 |
| G-2008-70 | DR07-M20 | 03-28-2008 | 50.60 | 4027 | 103 | 9 | 27.75 | 0.001823 | 7.34 | 0.00734 |
| G-2008-70 | DR07-M21 | 03-28-2008 | 379.21 | 6258 | 64 | 7 | 178.00 | 0.002130 | 13.33 | 0.01333 |
| G-2008-70 | DR07-M25 | 03-28-2008 | 394.59 | 10207 | <2 | <2 | 202.70 | 0.001947 | 19.87 | 0.01987 |
| G-2008-70 | DR07-S1 | 03-28-2008 | 71.19 | 5171 | 39 | <2 | 7.35 | 0.009686 | 50.08 | 0.05008 |
| G-2008-70 | DR07-S2 | 03-28-2008 | 321.70 | 1885 | <2 | <2 | 182.40 | 0.001764 | 3.32 | 0.00332 |

