

UTB-2

675404

Silence Lake  
82M/13

SAMPLE  
→

↓ GROUPING

|              | GRAIN 1<br>(CORE) | GRAIN 1<br>(RIM) | GRAIN 2<br>(CORE) | GRAIN 2<br>(RIM) | GRAIN 3<br>(CORE) | GRAIN 3<br>(RIM) | GRAIN 4<br>(CORE) | GRAIN 4<br>(RIM) | AVERAGE |
|--------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|---------|
| A) SP+AL     | 6.13              | 5.32             | 13.84             | 10.26            | 7.29              | 7.47             | 8.65              | 5.03             | 7.90    |
| GR           | 82.89             | 84.12            | 78.70             | 80.81            | 82.76             | 82.63            | 81.83             | 85.05            | 82.56   |
| AND.         | 10.98             | 10.55            | 7.45              | 8.93             | 9.24              | 9.90             | 9.52              | 9.92             | 9.54    |
| B) Pyt SP+AL | 8.13              | 7.69             | 16.05             | 12.66            | 9.75              | 9.97             | 11.06             | 7.51             | 10.26   |
| GR           | 81.12             | 82.02            | 76.69             | 78.65            | 80.57             | 80.40            | 79.67             | 82.83            | 80.45   |
| AND.         | 10.75             | 10.29            | 7.26              | 8.69             | 9.68              | 9.63             | 9.27              | 9.66             | 9.29    |
| C) SP        | 0.95              | 0.96             | 4.46              | 3.27             | 1.49              | 1.97             | 2.20              | 0.81             | 2.02    |
| GR           | 93.11             | 94.05            | 85.04             | 88.73            | 91.90             | 91.71            | 90.44             | 94.41            | 91.26   |
| ALM          | 5.93              | 4.99             | 10.56             | 8.00             | 6.60              | 6.32             | 7.36              | 4.78             | 6.72    |



UB-2 GRAIN 1 CORE ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 6.008 | E     |   | 0.068 | E |
|        | 3.526 | E     |   | 0.007 | E |
|        | 0.716 | E     |   | 0.051 | E |
|        | 0.131 | E     |   | 5.648 | E |
| ALM =  |       | 5.16  | 0 |       |   |
| SPES = |       | 0.83  | 0 |       |   |
| PVR =  |       | 2.13  | 0 |       |   |
| UVAR = |       | 0.16  | 0 |       |   |
| ANRD = |       | 10.73 | 0 |       |   |
| GROS = |       | 80.99 | 0 |       |   |
| SI     | 6.008 | 0     |   |       |   |
| AL     | 0.000 | 0     |   |       |   |
| SUM Z  |       | 6.008 | 0 |       |   |
| AL     | 3.526 | 0     |   |       |   |
| CR     | 0.007 | 0     |   |       |   |
| FE+3   | 0.399 | 0     |   |       |   |
| TI     | 0.068 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.131 | 0     |   |       |   |
| FE+2   | 0.317 | 0     |   |       |   |
| MN     | 0.051 | 0     |   |       |   |
| CA     | 5.648 | 0     |   |       |   |
| SUM X  |       | 6.147 | 0 |       |   |

UB-2 GRAIN 1 RIM ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 6.008 | E     |   | 0.017 | E |
|        | 3.554 | E     |   | 0     | E |
|        | 0.698 | E     |   | 0.052 | E |
|        | 0.155 | E     |   | 5.712 | E |
| ALM =  |       | 4.35  | 0 |       |   |
| SPES = |       | 0.84  | 0 |       |   |
| PVR =  |       | 2.50  | 0 |       |   |
| UVAR = |       | 0.00  | 0 |       |   |
| ANRD = |       | 10.29 | 0 |       |   |
| GROS = |       | 82.02 | 0 |       |   |
| SI     | 6.008 | 0     |   |       |   |
| AL     | 0.000 | 0     |   |       |   |
| SUM Z  |       | 6.008 | 0 |       |   |
| AL     | 3.554 | 0     |   |       |   |
| CR     | 0.000 | 0     |   |       |   |
| FE+3   | 0.429 | 0     |   |       |   |
| TI     | 0.017 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.155 | 0     |   |       |   |
| FE+2   | 0.269 | 0     |   |       |   |
| MN     | 0.052 | 0     |   |       |   |
| CA     | 5.712 | 0     |   |       |   |
| SUM X  |       | 6.188 | 0 |       |   |

UB-2 GRAIN 2 CORE ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 5.926 | E     |   | 0.009 | E |
|        | 3.728 | E     |   | 0     | E |
|        | 0.924 | E     |   | 0.249 | E |
|        | 0.159 | E     |   | 5.206 | E |
| ALM =  |       | 9.47  | 0 |       |   |
| SPES = |       | 4.02  | 0 |       |   |
| PVR =  |       | 2.56  | 0 |       |   |
| UVAR = |       | 0.00  | 0 |       |   |
| ANRD = |       | 7.26  | 0 |       |   |
| GROS = |       | 76.69 | 0 |       |   |
| SI     | 5.926 | 0     |   |       |   |
| AL     | 0.074 | 0     |   |       |   |
| SUM Z  |       | 6.000 | 0 |       |   |
| AL     | 3.654 | 0     |   |       |   |
| CR     | 0.000 | 0     |   |       |   |
| FE+3   | 0.337 | 0     |   |       |   |
| TI     | 0.009 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.159 | 0     |   |       |   |
| FE+2   | 0.587 | 0     |   |       |   |
| MN     | 0.249 | 0     |   |       |   |
| CA     | 5.206 | 0     |   |       |   |
| SUM X  |       | 6.201 | 0 |       |   |

UB-2 GRAIN 2 RIM ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 5.944 | E     |   | 0.018 | E |
|        | 3.658 | E     |   | 0     | E |
|        | 0.82  | E     |   | 0.18  | E |
|        | 0.166 | E     |   | 5.422 | E |
| ALM =  |       | 7.09  | 0 |       |   |
| SPES = |       | 2.90  | 0 |       |   |
| PVR =  |       | 2.67  | 0 |       |   |
| UVAR = |       | 0.00  | 0 |       |   |
| ANRD = |       | 8.69  | 0 |       |   |
| GROS = |       | 78.65 | 0 |       |   |
| SI     | 5.944 | 0     |   |       |   |
| AL     | 0.056 | 0     |   |       |   |
| SUM Z  |       | 6.000 | 0 |       |   |
| AL     | 3.602 | 0     |   |       |   |
| CR     | 0.000 | 0     |   |       |   |
| FE+3   | 0.380 | 0     |   |       |   |
| TI     | 0.018 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.166 | 0     |   |       |   |
| FE+2   | 0.440 | 0     |   |       |   |
| MN     | 0.180 | 0     |   |       |   |
| CA     | 5.422 | 0     |   |       |   |
| SUM X  |       | 6.208 | 0 |       |   |

UB-2 GRAIN 3 CORE ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 5.991 | E     |   | 0.056 | E |
|        | 3.58  | E     |   | 0     | E |
|        | 0.73  | E     |   | 0.021 | E |
|        | 0.163 | E     |   | 5.561 | E |
| ALM =  |       | 5.79  | 0 |       |   |
| SPES = |       | 1.31  | 0 |       |   |
| PVR =  |       | 2.65  | 0 |       |   |
| UVAR = |       | 0.00  | 0 |       |   |
| ANRD = |       | 9.63  | 0 |       |   |
| GROS = |       | 80.57 | 0 |       |   |
| SI     | 5.991 | 0     |   |       |   |
| AL     | 0.009 | 0     |   |       |   |
| SUM Z  |       | 6.000 | 0 |       |   |
| AL     | 3.571 | 0     |   |       |   |
| CR     | 0.000 | 0     |   |       |   |
| FE+3   | 0.373 | 0     |   |       |   |
| TI     | 0.056 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.163 | 0     |   |       |   |
| FE+2   | 0.357 | 0     |   |       |   |
| MN     | 0.081 | 0     |   |       |   |
| CA     | 5.561 | 0     |   |       |   |
| SUM X  |       | 6.162 | 0 |       |   |

UB-2 GRAIN 3 RIM ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 6.009 | E     |   | 0.054 | E |
|        | 3.572 | E     |   | 0     | E |
|        | 0.714 | E     |   | 0.106 | E |
|        | 0.166 | E     |   | 5.53  | E |
| ALM =  |       | 5.54  | 0 |       |   |
| SPES = |       | 1.73  | 0 |       |   |
| PVR =  |       | 2.70  | 0 |       |   |
| UVAR = |       | 0.00  | 0 |       |   |
| ANRD = |       | 9.63  | 0 |       |   |
| GROS = |       | 80.40 | 0 |       |   |
| SI     | 6.009 | 0     |   |       |   |
| AL     | 0.000 | 0     |   |       |   |
| SUM Z  |       | 6.009 | 0 |       |   |
| AL     | 3.572 | 0     |   |       |   |
| CR     | 0.000 | 0     |   |       |   |
| FE+3   | 0.374 | 0     |   |       |   |
| TI     | 0.054 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.166 | 0     |   |       |   |
| FE+2   | 0.340 | 0     |   |       |   |
| MN     | 0.106 | 0     |   |       |   |
| CA     | 5.530 | 0     |   |       |   |
| SUM X  |       | 6.142 | 0 |       |   |

UB-2 GRAIN 4 CORE ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 5.986 | E     |   | 0.04  | E |
|        | 3.595 | E     |   | 0     | E |
|        | 0.777 | E     |   | 0.12  | E |
|        | 0.163 | E     |   | 5.491 | E |
| ALM =  |       | 6.48  | 0 |       |   |
| SPES = |       | 1.94  | 0 |       |   |
| PVR =  |       | 2.64  | 0 |       |   |
| UVAR = |       | 0.00  | 0 |       |   |
| ANRD = |       | 9.27  | 0 |       |   |
| GROS = |       | 79.67 | 0 |       |   |
| SI     | 5.986 | 0     |   |       |   |
| AL     | 0.012 | 0     |   |       |   |
| SUM Z  |       | 6.000 | 0 |       |   |
| AL     | 3.583 | 0     |   |       |   |
| CR     | 0.000 | 0     |   |       |   |
| FE+3   | 0.377 | 0     |   |       |   |
| TI     | 0.040 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.163 | 0     |   |       |   |
| FE+2   | 0.400 | 0     |   |       |   |
| MN     | 0.120 | 0     |   |       |   |
| CA     | 5.491 | 0     |   |       |   |
| SUM X  |       | 6.174 | 0 |       |   |

UB-2 GRAIN 4 RIM ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 6.011 | E     |   | 0.024 | E |
|        | 3.582 | E     |   | 0     | E |
|        | 0.652 | E     |   | 0.044 | E |
|        | 0.161 | E     |   | 5.7   | E |
| ALM =  |       | 4.19  | 0 |       |   |
| SPES = |       | 0.71  | 0 |       |   |
| PVR =  |       | 2.61  | 0 |       |   |
| UVAR = |       | 0.00  | 0 |       |   |
| ANRD = |       | 9.66  | 0 |       |   |
| GROS = |       | 82.62 | 0 |       |   |
| SI     | 6.011 | 0     |   |       |   |
| AL     | 0.000 | 0     |   |       |   |
| SUM Z  |       | 6.011 | 0 |       |   |
| AL     | 3.582 | 0     |   |       |   |
| CR     | 0.000 | 0     |   |       |   |
| FE+3   | 0.394 | 0     |   |       |   |
| TI     | 0.024 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.161 | 0     |   |       |   |
| FE+2   | 0.258 | 0     |   |       |   |
| MN     | 0.044 | 0     |   |       |   |
| CA     | 5.700 | 0     |   |       |   |
| SUM X  |       | 6.163 | 0 |       |   |

UB-2 AVERAGE ✓

|        |       |       |   |       |   |
|--------|-------|-------|---|-------|---|
|        | 5.986 | E     |   | 0.026 | E |
|        | 3.599 | E     |   | 0.001 | E |
|        | 0.743 | E     |   | 0.11  | E |
|        | 0.158 | E     |   | 5.535 | E |
| ALM =  |       | 5.92  | 0 |       |   |
| SPES = |       | 1.78  | 0 |       |   |
| PVR =  |       | 2.56  | 0 |       |   |
| UVAR = |       | 0.00  | 0 |       |   |
| ANRD = |       | 9.23  | 0 |       |   |
| GROS = |       | 80.43 | 0 |       |   |
| SI     | 5.986 | 0     |   |       |   |
| AL     | 0.014 | 0     |   |       |   |
| SUM Z  |       | 6.000 | 0 |       |   |
| AL     | 3.585 | 0     |   |       |   |
| CR     | 0.001 | 0     |   |       |   |
| FE+3   | 0.378 | 0     |   |       |   |
| TI     | 0.035 | 0     |   |       |   |
| SUM Y  |       | 4.000 | 0 |       |   |
| MG     | 0.158 | 0     |   |       |   |
| FE+2   | 0.365 | 0     |   |       |   |
| MN     | 0.110 | 0     |   |       |   |
| CA     | 5.535 | 0     |   |       |   |
| SUM X  |       | 6.168 | 0 |       |   |

UB-2 GRAIN 1 CORE ✓

|          |       |   |  |       |   |   |
|----------|-------|---|--|-------|---|---|
|          | 5.15  | E |  | 0.83  | E | C |
|          | 2.13  | E |  | 10.73 | E |   |
|          | 80.99 | E |  |       |   |   |
| SP+AL    | 6.13  | 0 |  |       |   |   |
| GR       | 82.89 | 0 |  |       |   |   |
| AND      | 10.98 | 0 |  |       |   |   |
| PY+SP+AL | 8.13  | 0 |  |       |   |   |
| GR       | 81.12 | 0 |  |       |   |   |
| AND      | 10.75 | 0 |  |       |   |   |
| SP       | 0.95  | 0 |  |       |   |   |
| GR       | 93.11 | 0 |  |       |   |   |
| ALM      | 5.93  | 0 |  |       |   |   |

UB-2 GRAIN 1 RIM ✓

|          |       |   |  |       |   |   |
|----------|-------|---|--|-------|---|---|
|          | 4.35  | E |  | 0.84  | E | C |
|          | 2.5   | E |  | 10.29 | E |   |
|          | 82.02 | E |  |       |   |   |
| SP+AL    | 5.32  | 0 |  |       |   |   |
| GR       | 84.12 | 0 |  |       |   |   |
| AND      | 10.55 | 0 |  |       |   |   |
| PY+SP+AL | 7.69  | 0 |  |       |   |   |
| GR       | 82.02 | 0 |  |       |   |   |
| AND      | 10.29 | 0 |  |       |   |   |
| SP       | 0.96  | 0 |  |       |   |   |
| GR       | 90.85 | 0 |  |       |   |   |
| ALM      | 4.99  | 0 |  |       |   |   |

UB-2 GRAIN 2 CORE ✓

|          |       |   |  |      |   |   |
|----------|-------|---|--|------|---|---|
|          | 9.47  | E |  | 4.02 | E | C |
|          | 2.56  | E |  | 7.26 | E |   |
|          | 76.69 | E |  |      |   |   |
| SP+AL    | 13.84 | 0 |  |      |   |   |
| GR       | 78.70 | 0 |  |      |   |   |
| AND      | 7.45  | 0 |  |      |   |   |
| PY+SP+AL | 16.05 | 0 |  |      |   |   |
| GR       | 76.69 | 0 |  |      |   |   |
| AND      | 7.26  | 0 |  |      |   |   |
| SP       | 4.46  | 0 |  |      |   |   |
| GR       | 85.04 | 0 |  |      |   |   |
| ALM      | 10.50 | 0 |  |      |   |   |

UB-2 GRAIN 2 RIM ✓

|          |       |   |  |      |   |   |
|----------|-------|---|--|------|---|---|
|          | 7.09  | E |  | 2.9  | E | C |
|          | 2.67  | E |  | 8.69 | E |   |
|          | 78.65 | E |  |      |   |   |
| SP+AL    | 10.26 | 0 |  |      |   |   |
| GR       | 80.81 | 0 |  |      |   |   |
| AND      | 8.93  | 0 |  |      |   |   |
| PY+SP+AL | 12.66 | 0 |  |      |   |   |
| GR       | 78.65 | 0 |  |      |   |   |
| AND      | 8.69  | 0 |  |      |   |   |
| SP       | 3.27  | 0 |  |      |   |   |
| GR       | 88.73 | 0 |  |      |   |   |
| ALM      | 8.00  | 0 |  |      |   |   |

UB-2 GRAIN 3 CORE ✓

|          |       |   |  |      |   |   |
|----------|-------|---|--|------|---|---|
|          | 5.79  | E |  | 1.31 | E | C |
|          | 2.65  | E |  | 9.68 | E |   |
|          | 80.57 | E |  |      |   |   |
| SP+AL    | 7.29  | 0 |  |      |   |   |
| GR       | 82.76 | 0 |  |      |   |   |
| AND      | 9.94  | 0 |  |      |   |   |
| PY+SP+AL | 9.75  | 0 |  |      |   |   |
| GR       | 80.57 | 0 |  |      |   |   |
| AND      | 9.68  | 0 |  |      |   |   |
| SP       | 1.49  | 0 |  |      |   |   |
| GR       | 91.90 | 0 |  |      |   |   |
| ALM      | 6.60  | 0 |  |      |   |   |

UB-2 GRAIN 3 RIM ✓

|          |       |   |  |      |   |   |
|----------|-------|---|--|------|---|---|
|          | 5.54  | E |  | 1.73 | E | C |
|          | 2.7   | E |  | 9.63 | E |   |
|          | 80.4  | E |  |      |   |   |
| SP+AL    | 7.47  | 0 |  |      |   |   |
| GR       | 82.63 | 0 |  |      |   |   |
| AND      | 9.90  | 0 |  |      |   |   |
| PY+SP+AL | 9.97  | 0 |  |      |   |   |
| GR       | 80.40 | 0 |  |      |   |   |
| AND      | 9.63  | 0 |  |      |   |   |
| SP       | 1.97  | 0 |  |      |   |   |
| GR       | 91.71 | 0 |  |      |   |   |
| ALM      | 6.32  | 0 |  |      |   |   |

UB-2 GRAIN 4 CORE ✓

|          |       |   |  |      |   |   |
|----------|-------|---|--|------|---|---|
|          | 6.48  | E |  | 1.94 | E | C |
|          | 2.64  | E |  | 9.27 | E |   |
|          | 79.67 | E |  |      |   |   |
| SP+AL    | 8.65  | 0 |  |      |   |   |
| GR       | 81.83 | 0 |  |      |   |   |
| AND      | 9.52  | 0 |  |      |   |   |
| PY+SP+AL | 11.06 | 0 |  |      |   |   |
| GR       | 79.67 | 0 |  |      |   |   |
| AND      | 9.27  | 0 |  |      |   |   |
| SP       | 2.20  | 0 |  |      |   |   |
| GR       | 90.44 | 0 |  |      |   |   |
| ALM      | 7.36  | 0 |  |      |   |   |

UB-2 GRAIN 4 - RIM ✓

|          |       |   |  |      |   |   |
|----------|-------|---|--|------|---|---|
|          | 4.19  | E |  | 0.71 | E | C |
|          | 2.61  | E |  | 9.66 | E |   |
|          | 82.82 | E |  |      |   |   |
| SP+AL    | 5.03  | 0 |  |      |   |   |
| GR       | 85.05 | 0 |  |      |   |   |
| AND      | 9.92  | 0 |  |      |   |   |
| PY+SP+AL | 7.51  | 0 |  |      |   |   |
| GR       | 82.83 | 0 |  |      |   |   |
| AND      | 9.66  | 0 |  |      |   |   |
| SP       | 0.81  | 0 |  |      |   |   |
| GR       | 94.41 | 0 |  |      |   |   |
| ALM      | 4.78  | 0 |  |      |   |   |

UB-2 - AVERAGE ✓

|          |       |   |  |      |   |   |
|----------|-------|---|--|------|---|---|
|          | 5.92  | E |  | 1.78 | E | C |
|          | 2.56  | E |  | 9.29 | E |   |
|          | 80.43 | E |  |      |   |   |
| SP+AL    | 7.90  | 0 |  |      |   |   |
| GR       | 82.56 | 0 |  |      |   |   |
| AND      | 9.54  | 0 |  |      |   |   |
| PY+SP+AL | 10.26 | 0 |  |      |   |   |
| GR       | 80.45 | 0 |  |      |   |   |
| AND      | 9.29  | 0 |  |      |   |   |
| SP       | 2.02  | 0 |  |      |   |   |
| GR       | 91.26 | 0 |  |      |   |   |
| ALM      | 6.72  | 0 |  |      |   |   |