

Click to Play  
Audio

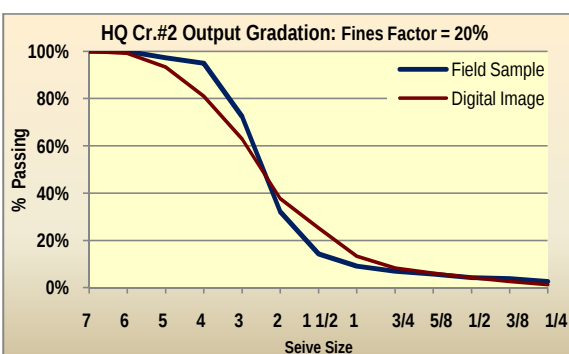
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Video

# Secondary Crusher Sample Analysis Comparison

## Split Desktop Demo Software: Multiple Digital Photo Results vs. Single Belt Sample

Size BI-HQ1 Cr #2  
Sample Aug'07

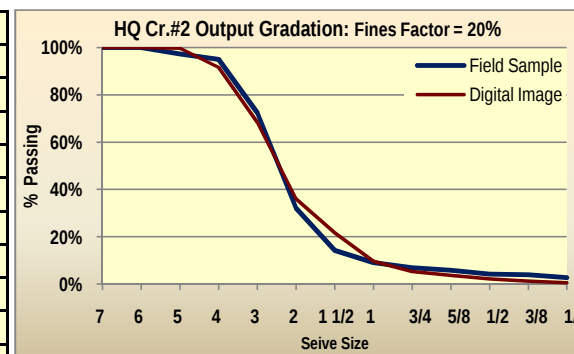
|       |       |       |
|-------|-------|-------|
| 7     | 100.0 | 100.0 |
| 6     | 99.1  | 100.0 |
| 5     | 93.3  | 97.2  |
| 4     | 81.0  | 95.0  |
| 3     | 62.9  | 72.4  |
| 2     | 37.7  | 32.1  |
| 1 1/2 | 25.2  | 14.3  |
| 1     | 13.4  | 9.1   |
| 3/4   | 8.4   | 6.9   |
| 5/8   | 6.2   | 5.8   |
| 1/2   | 4.3   | 4.2   |
| 3/8   | 2.6   | 3.9   |
| 1/4   | 1.3   | 2.7   |



|         |      |
|---------|------|
| Topsize | 6.1  |
| P80     | 3.93 |
| P70     | 3.35 |
| P50     | 2.48 |

Size BI-HQ2 Cr #2  
Sample Aug'07

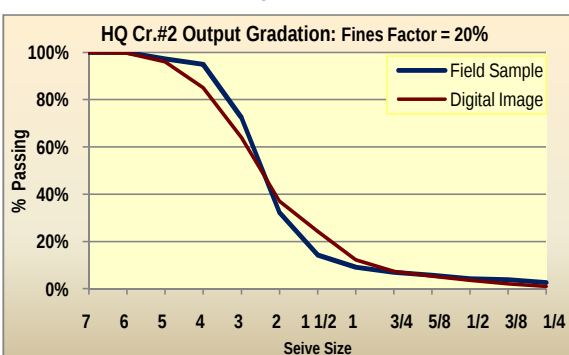
|       |       |       |
|-------|-------|-------|
| 7     | 100.0 | 100.0 |
| 6     | 100.0 | 100.0 |
| 5     | 99.7  | 97.2  |
| 4     | 91.6  | 95.0  |
| 3     | 68.4  | 72.4  |
| 2     | 36.0  | 32.1  |
| 1 1/2 | 21.7  | 14.3  |
| 1     | 9.7   | 9.1   |
| 3/4   | 5.3   | 6.9   |
| 5/8   | 3.6   | 5.8   |
| 1/2   | 2.3   | 4.2   |
| 3/8   | 1.2   | 3.9   |
| 1/4   | 0.5   | 2.7   |



|         |      |
|---------|------|
| Topsize | 4.9  |
| P80     | 3.43 |
| P70     | 3.06 |
| P50     | 2.43 |

Size BI-HQ4 Cr #2  
Sample Aug'07

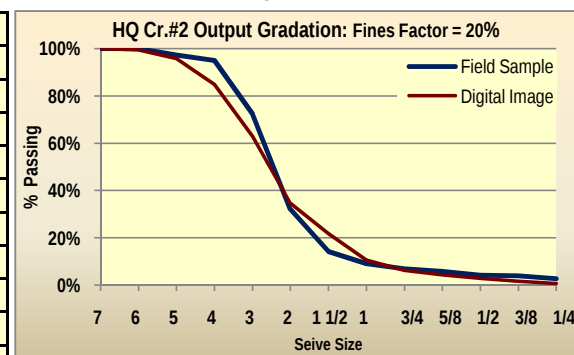
|       |       |       |
|-------|-------|-------|
| 7     | 100.0 | 100.0 |
| 6     | 99.7  | 100.0 |
| 5     | 96.1  | 97.2  |
| 4     | 85.0  | 95.0  |
| 3     | 63.9  | 72.4  |
| 2     | 37.0  | 32.1  |
| 1 1/2 | 24.2  | 14.3  |
| 1     | 12.2  | 9.1   |
| 3/4   | 7.4   | 6.9   |
| 5/8   | 5.3   | 5.8   |
| 1/2   | 3.5   | 4.2   |
| 3/8   | 2.1   | 3.9   |
| 1/4   | 1.0   | 2.7   |



|         |      |
|---------|------|
| Topsize | 5.9  |
| P80     | 3.73 |
| P70     | 3.26 |
| P50     | 2.47 |

Size BI-HQ5 Cr #2  
Sample Aug'07

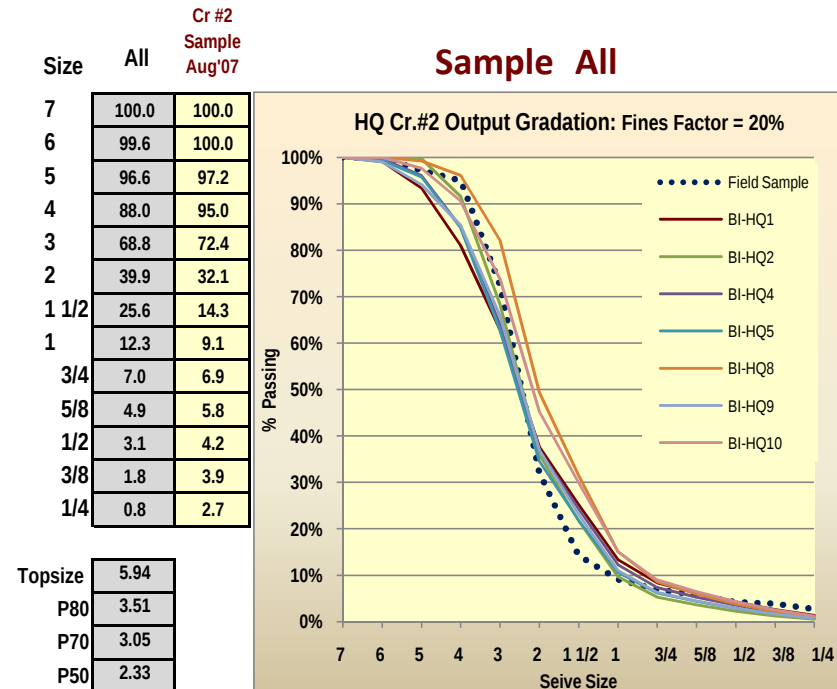
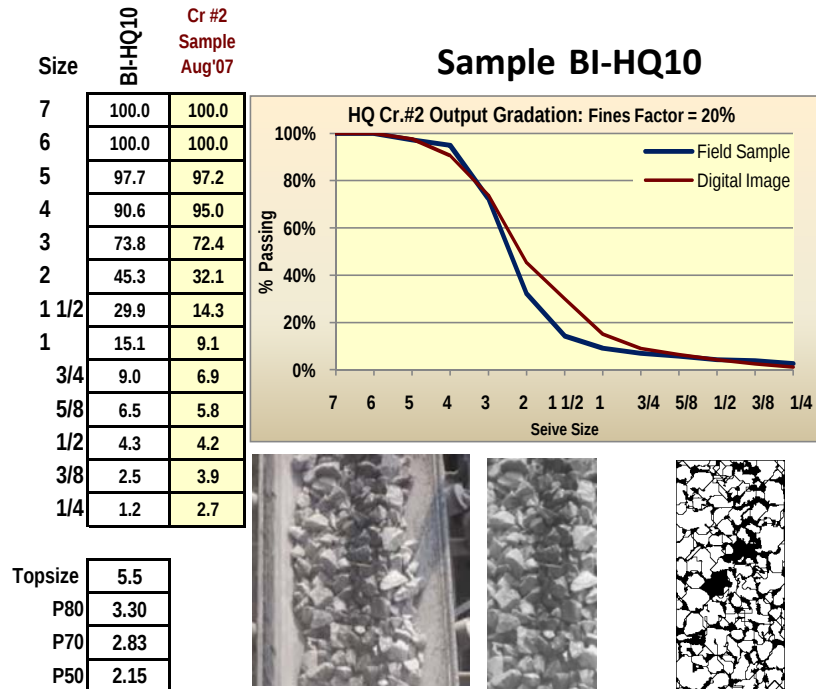
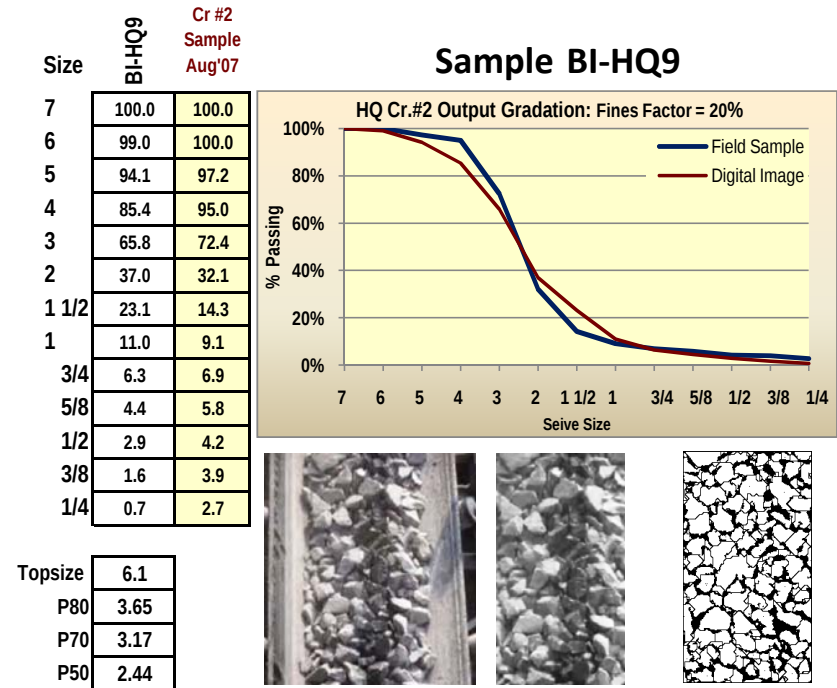
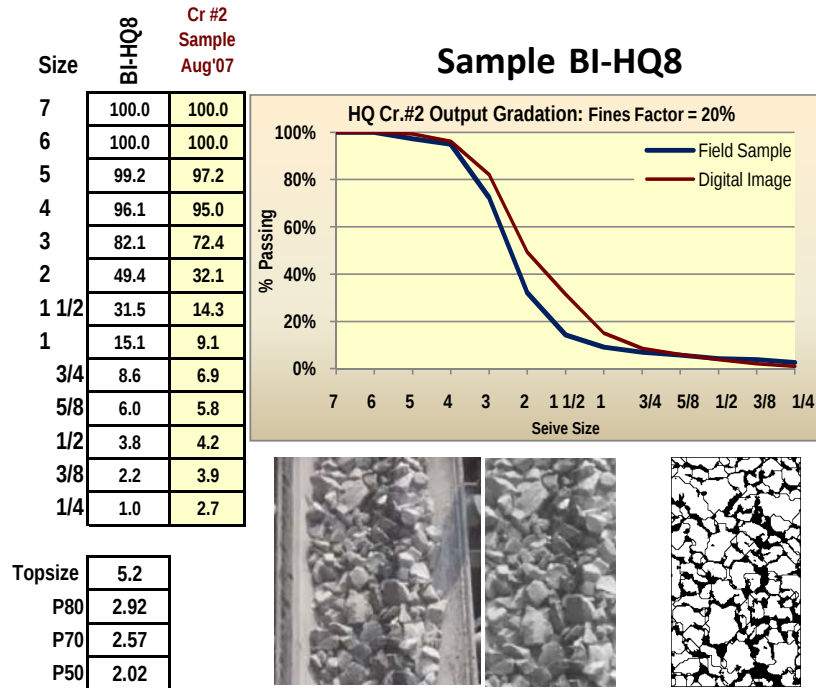
|       |       |       |
|-------|-------|-------|
| 7     | 100.0 | 100.0 |
| 6     | 99.4  | 100.0 |
| 5     | 95.8  | 97.2  |
| 4     | 84.8  | 95.0  |
| 3     | 62.9  | 72.4  |
| 2     | 34.6  | 32.1  |
| 1 1/2 | 21.9  | 14.3  |
| 1     | 10.6  | 9.1   |
| 3/4   | 6.2   | 6.9   |
| 5/8   | 4.4   | 5.8   |
| 1/2   | 2.9   | 4.2   |
| 3/8   | 1.7   | 3.9   |
| 1/4   | 0.8   | 2.7   |



|         |      |
|---------|------|
| Topsize | 6.1  |
| P80     | 3.74 |
| P70     | 3.27 |
| P50     | 2.54 |

# Secondary Crusher Sample Analysis Comparison

## Split Desktop Demo Software: Multiple Digital Photo Results vs. Single Belt Sample



# Secondary Crusher Sample Analysis Comparison

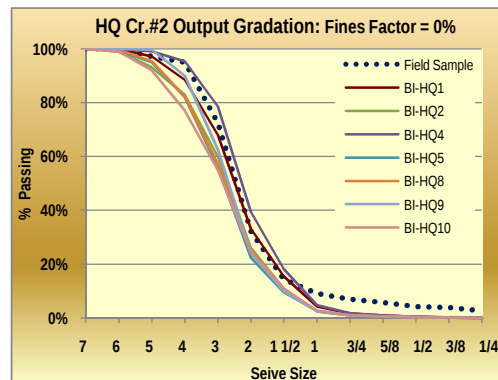
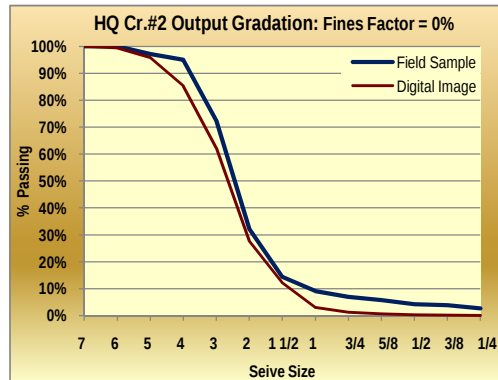
HQ Cr#2 - 2007 Data  
Fines Factor = 0%

Split Desktop Demo Release  
Cumulative Percent Passing Data

Crusher #2  
Field Sample  
August 2007

| Size  | All   | BI-HQ1 | BI-HQ2 | BI-HQ4 | BI-HQ5 | BI-HQ8 | BI-HQ9 | BI-HQ10 |
|-------|-------|--------|--------|--------|--------|--------|--------|---------|
| 7     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0   |
| 6     | 99.5  | 100.0  | 98.9   | 100.0  | 99.2   | 99.6   | 100.0  | 98.9    |
| 5     | 95.9  | 97.1   | 93.1   | 99.1   | 95.0   | 95.3   | 99.7   | 91.9    |
| 4     | 85.4  | 88.5   | 82.8   | 95.4   | 82.0   | 82.2   | 90.0   | 77.0    |
| 3     | 62.3  | 68.0   | 59.9   | 78.6   | 56.0   | 57.1   | 62.6   | 55.0    |
| 2     | 27.6  | 33.1   | 26.1   | 39.4   | 22.5   | 25.0   | 24.3   | 24.4    |
| 1 1/2 | 12.1  | 15.5   | 10.9   | 18.1   | 9.6    | 11.0   | 9.8    | 10.9    |
| 1     | 3.1   | 4.2    | 2.5    | 4.7    | 2.5    | 2.6    | 2.4    | 2.7     |
| 3/4   | 1.2   | 1.7    | 1.0    | 1.7    | 1.0    | 1.0    | 0.9    | 1.0     |
| 5/8   | 0.7   | 0.9    | 0.6    | 0.9    | 0.6    | 0.6    | 0.5    | 0.5     |
| 1/2   | 0.3   | 0.4    | 0.3    | 0.5    | 0.3    | 0.3    | 0.3    | 0.3     |
| 3/8   | 0.2   | 0.2    | 0.1    | 0.2    | 0.1    | 0.1    | 0.1    | 0.1     |
| 1/4   | 0.0   | 0.0    | 0.0    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0     |

|         |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|
| Topsize | 6.00 | 5.6  | 6.2  | 5.2  | 6.2  | 6.0  | 4.9  | 6.2  |
| P80     | 3.71 | 3.50 | 3.83 | 3.05 | 3.91 | 3.90 | 3.57 | 4.17 |
| P70     | 3.27 | 3.07 | 3.36 | 2.73 | 3.48 | 3.48 | 3.22 | 3.64 |
| P50     | 2.62 | 2.44 | 2.69 | 2.23 | 2.82 | 2.76 | 2.66 | 2.83 |

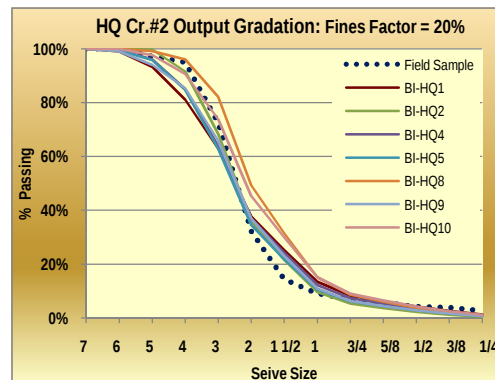
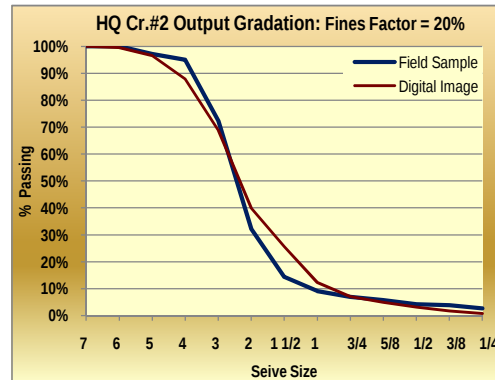


HQ Cr#2 - 2007 Data  
Fines Factor = 20%

Split Desktop Demo Release  
Cumulative Percent Passing Data

| Size  | All   | BI-HQ1 | BI-HQ2 | BI-HQ4 | BI-HQ5 | BI-HQ8 | BI-HQ9 | BI-HQ10 |
|-------|-------|--------|--------|--------|--------|--------|--------|---------|
| 7     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0   |
| 6     | 99.6  | 99.1   | 100.0  | 99.7   | 99.4   | 100.0  | 99.0   | 100.0   |
| 5     | 96.6  | 93.3   | 99.7   | 96.1   | 95.8   | 99.2   | 94.1   | 97.7    |
| 4     | 88.0  | 81.0   | 91.6   | 85.0   | 84.8   | 96.1   | 85.4   | 90.6    |
| 3     | 68.8  | 62.9   | 68.4   | 63.9   | 62.9   | 82.1   | 65.8   | 73.8    |
| 2     | 39.9  | 37.7   | 36.0   | 37.0   | 34.6   | 49.4   | 37.0   | 45.3    |
| 1 1/2 | 25.6  | 25.2   | 21.7   | 24.2   | 21.9   | 31.5   | 23.1   | 29.9    |
| 1     | 12.3  | 13.4   | 9.7    | 12.2   | 10.6   | 15.1   | 11.0   | 15.1    |
| 3/4   | 7.0   | 8.4    | 5.3    | 7.4    | 6.2    | 8.6    | 6.3    | 9.0     |
| 5/8   | 4.9   | 6.2    | 3.6    | 5.3    | 4.4    | 6.0    | 4.4    | 6.5     |
| 1/2   | 3.1   | 4.3    | 2.3    | 3.5    | 2.9    | 3.8    | 2.9    | 4.3     |
| 3/8   | 1.8   | 2.6    | 1.2    | 2.1    | 1.7    | 2.2    | 1.6    | 2.5     |
| 1/4   | 0.8   | 1.3    | 0.5    | 1.0    | 0.8    | 1.0    | 0.7    | 1.2     |

|         |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|
| Topsize | 5.94 | 6.1  | 4.9  | 5.9  | 6.1  | 5.2  | 6.1  | 5.5  |
| P80     | 3.51 | 3.93 | 3.43 | 3.73 | 3.74 | 2.92 | 3.65 | 3.30 |
| P70     | 3.05 | 3.35 | 3.06 | 3.26 | 3.27 | 2.57 | 3.17 | 2.83 |
| P50     | 2.33 | 2.48 | 2.43 | 2.47 | 2.54 | 2.02 | 2.44 | 2.15 |



HQ Cr#2 - 2007 Data  
Fines Factor = 50%

Split Desktop Demo Release  
Cumulative Percent Passing Data

| Size  | All   | BI-HQ1 | BI-HQ2 | BI-HQ4 | BI-HQ5 | BI-HQ8 | BI-HQ9 | BI-HQ10 |
|-------|-------|--------|--------|--------|--------|--------|--------|---------|
| 7     | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0   |
| 6     | 99.6  | 99.2   | 100.0  | 99.7   | 99.4   | 100.0  | 99.1   | 100.0   |
| 5     | 97.0  | 94.1   | 99.8   | 96.6   | 96.2   | 99.3   | 94.7   | 97.9    |
| 4     | 89.3  | 83.2   | 92.5   | 86.9   | 86.3   | 96.6   | 86.9   | 91.7    |
| 3     | 72.4  | 67.2   | 71.9   | 68.5   | 66.6   | 84.2   | 69.4   | 77.0    |
| 2     | 46.6  | 44.9   | 43.2   | 45.0   | 41.2   | 55.2   | 43.6   | 51.9    |
| 1 1/2 | 33.5  | 32.9   | 29.4   | 33.3   | 28.9   | 39.1   | 30.4   | 37.8    |
| 1     | 18.7  | 20.0   | 15.6   | 20.1   | 16.3   | 21.9   | 16.9   | 22.0    |
| 3/4   | 11.9  | 13.7   | 9.7    | 13.7   | 10.7   | 13.9   | 10.8   | 14.5    |
| 5/8   | 8.9   | 10.7   | 7.1    | 10.7   | 8.1    | 10.4   | 8.1    | 11.1    |
| 1/2   | 6.2   | 7.9    | 4.9    | 7.8    | 5.7    | 7.2    | 5.7    | 7.9     |
| 3/8   | 3.8   | 5.3    | 3.0    | 5.2    | 3.7    | 4.5    | 3.6    | 5.1     |
| 1/4   | 2.0   | 3.0    | 1.5    | 2.9    | 2.0    | 2.3    | 1.9    | 2.7     |

|         |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|
| Topsize | 5.89 | 6.1  | 4.9  | 5.9  | 6.1  | 5.1  | 6.1  | 5.5  |
| P80     | 3.38 | 3.77 | 3.33 | 3.59 | 3.62 | 2.82 | 3.53 | 3.16 |
| P70     | 2.90 | 3.15 | 2.93 | 3.07 | 3.14 | 2.46 | 3.03 | 2.68 |
| P50     | 2.13 | 2.23 | 2.24 | 2.21 | 2.35 | 1.85 | 2.24 | 1.93 |

