The evaluation was done on 34 flat open sample areas over the pilot AOI. The result is shown in the table below, please also refer to *USGS\_SD\_2017\_Fall\_Lidar\_Relative\_Accuracy\_Smooth\_Surface\_Repeatability.shp*

|  |  |
| --- | --- |
| **Max\_DZ (m)** | **Area (sq m)** |
| 0.04 | 73 |
| 0.04 | 51 |
| 0.04 | 102 |
| 0.04 | 70 |
| 0.03 | 85 |
| 0.05 | 86 |
| 0.06 | 55 |
| 0.06 | 70 |
| 0.03 | 58 |
| 0.03 | 58 |
| 0.05 | 65 |
| 0.05 | 47 |
| 0.06 | 62 |
| 0.05 | 58 |
| 0.05 | 57 |
| 0.03 | 55 |
| 0.05 | 79 |
| 0.04 | 56 |
| 0.04 | 60 |
| 0.06 | 57 |
| 0.06 | 67 |
| 0.06 | 57 |
| 0.04 | 32 |
| 0.03 | 55 |
| 0.06 | 64 |
| 0.04 | 57 |
| 0.03 | 53 |
| 0.04 | 61 |
| 0.05 | 78 |
| 0.04 | 83 |
| 0.04 | 97 |
| 0.03 | 55 |
| 0.03 | 56 |
| 0.05 | 71 |

Table 3: Relative Accuracy, Smooth Surface Repeatability