Two compartment white cement mill will Blaine of 4000. With spec of:

|  |  |  |  |
| --- | --- | --- | --- |
| **Mill Diameter:** |  | **3.2**  | m |
| **Mill Length:** |  | **10.5**  | m |
| **First Chamber Effective Diameter:** |  | **3.0**  | m |
| **First Chamber Effective Length:** |  | **3.0**  | m |
| **Second Chamber Effective Diameter:** |  | **3.1**  | m |
| **Second Chamber Effective Length:** |  | **7.5**  | m |

Result of Longitudinal Sieving is:

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Screen Size | mm | Meter 0.5 | Meter 1.5 | Meter 2.5 | Meter 0.5 | Meter 1.5 | Meter 2.5 | Meter 3.5 | Meter 4.5 | Meter 5.5 | Meter 6.5 |
|  1/2" | 12.7 | 8.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  3/8" | 9.51 | 14.4 | 3.9 | 6.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5/16 | 8 | 15.2 | 4.5 | 6.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 6.3 | 18.2 | 4.7 | 6.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #4 | 4.75 | 23 | 5.1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #8 | 2.36 | 30.5 | 7.4 | 7.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #16 | 1.18 | 36.5 | 13.5 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #20 | 850 | 38.6 | 17.5 | 9.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| #30 | 600 | 41.6 | 25.5 | 15.1 | 3.8 | 2.5 | 1.2 | 1 | 0 | 0 | 0 |
| #70 | 212 | 46.7 | 38.5 | 29.2 | 11.9 | 9.6 | 5.7 | 4.5 | 2.1 | 1.1 | 1.6 |
| #170 | 90 | 55.8 | 51.6 | 43.9 | 28.5 | 26.2 | 21.4 | 17.3 | 13.7 | 8.8 | 9.5 |
| #200 | 75 | 58 | 53.8 | 47.5 | 35.0 | 29.6 | 24.4 | 19.4 | 15.6 | 11.3 | 11.3 |
| #230 | 63 | 63.6 | 60.5 | 53.6 | 41.4 | 35.6 | 31.9 | 26.6 | 23.2 | 19.0 | 17.6 |
| #270 | 53 | 66.8 | 62.7 | 55.7 | 43.6 | 39.3 | 35.3 | 29.8 | 25.3 | 21.6 | 21.5 |
| #325 | 45 | 75.3 | 71.3 | 65.5 | 53.6 | 51.2 | 45.4 | 43.3 | 37.5 | 32.6 | 35.1 |
| #400 | 38 | 80.2 | 78 | 71.3 | 62.5 | 58.7 | 53.9 | 51.5 | 46.6 | 44.9 | 43.4 |

Please let me know if you can detect any problems and possible solutions.