

Leitz Stereo Binocular Microscope

| MM | SIZE CLASS | Phi | 10x | 20x | 40x | 80x |
|--------|------------------|-----|-----|-----|-----|-----|
| 4 | Granule | -2 | 40 | | | |
| 2 | Very Coarse Sand | -1 | 20 | 40 | | |
| 1 | Coarse Sand | 0 | 10 | 20 | | |
| 0.5 | Medium Sand | 1 | 5 | 10 | 20 | |
| 0.25 | Fine Sand | 2 | 2.5 | 5.0 | 10 | |
| 0.125 | Very Fine Sand | 3 | 1.3 | 2.5 | 5 | |
| 0.063 | Coarse Silt | 4 | 0.6 | 1.3 | 2.5 | 5 |
| 0.031 | Medium Silt | 5 | | 0.6 | 1.3 | 2.5 |
| 0.0156 | Fine Silt | 6 | | | 0.6 | 1.3 |
| 0.0078 | Very Fine Silt | 7 | | | 0.3 | 0.6 |
| 0.0039 | Clay | 8 | | | | 0.3 |

10x 1 Division = 0.1 mm

20x 1 Division = 0.05 mm

40x 1 Division = 0.025 mm

80x 1 Division = 0.0125 mm