

| Sample set | Designation | Rotation | Translation | Description | Sol0 | Sol1 | Sol2 | Sol3 | Sol4 | Sol5 | Sol6 | Sol7 | Sol8 | Sol9 | Sol10 | Sol11 | Sol12 | Sol13 | Sol14 | Sol15 | Sol16 | Sol17 | Sol18 | Sol19 | Sol20 | Sol21 | Sol22 | Sol23 | Sol24 | Sol25 | Sol26 | Sol27 | Sol28 | Sol29 | Sol30 | | | | | | | | | | |
|---------------------|-------------|----------|-------------|---------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | OM1 | 18744 | 49011 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM2 | 19077 | 49011 | Silicone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM3 | 19411 | 49211 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM4 | 19744 | 49211 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM5 | 20077 | 49211 | Strong Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM6 | 20411 | 49211 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | OM7 | 20744 | 49471 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM8 | 21077 | 49471 | Silicone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM9 | 21411 | 49471 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM10 | 21744 | 49471 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM11 | 22077 | 49471 | Strong Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM12 | 22411 | 49471 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calibration & tools | OM13 | 22744 | 49011 | Tip cleaner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM14 | 23077 | 49011 | AFM tip shape | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM15 | 23411 | 49011 | AFM linear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM16 | 23744 | 49011 | Tip finder | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM17 | 77 | 48611 | Tip breaker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM18 | 411 | 48611 | OM stitching | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM19 | 744 | 48811 | OM linear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM20 | 1077 | 48811 | OM white | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM21 | 1411 | 48811 | OM UV | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | OM22 | 1744 | 49011 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM23 | 2077 | 49011 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM24 | 2411 | 49211 | Silicone | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM25 | 2744 | 49211 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM26 | 3077 | 49211 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM27 | 3411 | 48811 | Strong Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | OM28 | 3744 | 48811 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM29 | 4077 | 48811 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM30 | 4411 | 48811 | Silicone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM31 | 4744 | 48811 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM32 | 5077 | 48811 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM33 | 5411 | 48811 | Strong Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Key:
I = Images acquired
L = Sample from dust stirred up by landing.*
S = Surface sample
A = Airfall sample

* "Before" images were taken in cruise and before launch, but contamination may have occurred during landing

| Sample set | Designation | Rotation | Translation | Description | Sol 0 | Sol 1 | Sol 2 | Sol 3 | Sol 4 | Sol 5 | Sol 6 | Sol 7 | Sol 8 | Sol 9 | Sol 10 | Sol 11 | Sol 12 | Sol 13 | Sol 14 | Sol 15 | Sol 16 | Sol 17 | Sol 18 | Sol 19 | Sol 20 | Sol 21 | Sol 22 | Sol 23 | Sol 24 | Sol 25 | Sol 26 | Sol 27 | Sol 28 | Sol 29 | Sol 30 | | | |
|------------|-------------|----------|---------------|---------------|-------|-------|-------|-------|---------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| | | | | | 5 | OM34 | 5744 | 48811 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OM35 | 6077 | 49211 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OM36 | 6411 | 49011 | Silicone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OM37 | 6744 | 48811 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OM38 | 7077 | 48811 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OM39 | 7411 | 48811 | Strong Magnet | | | | | | | | | | | | | | | | | | | I | | | | | | | | | | | | | | | | |
| 6 | OM40 | 7744 | 48811 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM41 | 8077 | 48811 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM42 | 8411 | 49011 | Silicone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM43 | 8744 | 49011 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM44 | 9077 | 49011 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM45 | 9411 | 49211 | Strong Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | OM46 | 9744 | 49211 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM47 | 10077 | 49211 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM48 | 10411 | 49211 | Silicone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM49 | 10744 | 49211 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM50 | 11077 | 49211 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM51 | 11411 | 49211 | Strong Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | OM52 | 11744 | 49211 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM53 | 12077 | 49211 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM54 | 12411 | 49211 | Silicone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM55 | 12744 | 49211 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM56 | 13077 | 49211 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM57 | 13411 | 49211 | Strong Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | OM58 | 13744 | 49171 | Microbucket 1 | L | | | | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM59 | 14077 | 49171 | Weak Magnet | L | | | | | | | | | I | | I | I | | | | | | | | | | | | | | | | | | | | | |
| | OM60 | 14411 | 49171 | Silicone | L | | | | | | | | | I | | I | | | | | | | | | | | | | | | | | | | | | | |
| | OM61 | 14744 | 49171 | Nanobucket | L | | | | | | | | | I | | I | | | | | | | | | | | | | | | | | | | | | | |
| | OM62 | 15077 | 49171 | Microbucket 2 | L | | | | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM63 | 15411 | 49171 | Strong Magnet | L | | | | | | | | | I | | I | I | | | | | | | | | | | | | | | | | | | | | |
| 10 | OM64 | 15744 | 49211 | Microbucket 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM65 | 16077 | 49211 | Weak Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM66 | 16411 | 49211 | Silicone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM67 | 16744 | 49011 | Nanobucket | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM68 | 17077 | 49011 | Microbucket 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | OM69 | 17411 | 49011 | Strong Magnet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Key:
I = Images acquired
L = Sample from dust stirred up by landing.*
S = Surface sample
A = Airfall sample

* "Before" images were taken in cruise and before launch, but contamination may have occurred during landing