**Table 1** Sources of core photos that contained digitized layers used in this study

|  |  |  |  |
| --- | --- | --- | --- |
| Photo ID | Layers Digitized | Reference | Coring Method |
| cheak1 | 8 | Menounos and Clague (2008) | Percussion or gravity |
| cheak2 | 8 | Menounos and Clague (2008) | Percussion or gravity |
| crevice\_lake | 12 | Rosenbaum et al. (2010) | Percussion piston |
| ds\_unpubl1 | 1 | Dunnington and Spooner (unpublished data) | Gravity |
| ds\_unpubl2 | 2 | Dunnington and Spooner (unpublished data) | Gravity |
| ds\_unpubl3 | 1 | Dunnington and Spooner (unpublished data) | Gravity |
| ds\_unpubl4 | 1 | Dunnington and Spooner (unpublished data) | Gravity |
| longlake\_pc1 | 1 | White (2012) | Percussion |
| suzielake\_1 | 4 | Spooner et al. (1997) | Percussion |
| suzielake\_2 | 9 | Spooner et al. (1997) | Percussion |
| whistler\_gc4 | 1 | Dunnington (2015) | Gravity |
| whistler\_gc8 | 1 | Dunnington (2015) | Gravity |