

## Mineralogy

Site	Depth [m]	Fraction [μm]	Quartz [%]	Smectite [%]	K feldspar [%]	Plagioclase [%]	Hematite [%]	Goethite [%]
OGN	1	coarse	95.8	4.2				
OGN	4	coarse	81.6	18.4				
OGN	10	coarse	53	47				
OGN	16	coarse	100	13.6				
OGN	30	coarse	88.1	11.9				
OGN	4	fine	24.6	75.4				
OGN	10	fine	48.9	51.1				
OGN	16	fine	79.6	18.2	3.2			
OGN	25	fine	81.7	13.6	4.7			
OGN	36	bulk	56.9	5			28.7	9.4
OGS	1	fine	90.6		9.4			
OGS	4	fine	37.9	55		7.1		
OGS	10	fine	85.9		3.9			
OGS	25	fine	79.8	14.5	5.7			
OGS	45	fine	77.5	17.1	5.5			
OGS	75	fine	83.3	14.1	2.6			
OGS	85	fine	88.8	11.2				
OGS	4	coarse	100					
OGS	10	coarse	100					
OGS	25	coarse	100					
OGS	45	coarse	100					