

Sample No.	Borehole	Top depth (m d.d.)	Bottom depth (m d.d.)	Sample type	XRD	Whole rock	Clay Fraction	Objective
13416	11/20-sb01	7.39	7.42	Sediment	✓	✓	✓	Clay mineralogy
13406	11/20-sb01	15.76	15.79	Cemented tuff	✓	✓		Grain rimming zeolite mineralogy?
13429	83/24-sb02	40.00	40.03	Cemented rock	✓	✓		Mineralogy for TS QC
13433	83/24-sb02	67.90	67.92	Sediment	✓	✓	✓	Clay mineralogy of red clay
13437	83/24-sb02	68.70	68.72	Broken rock	✓	✓		Mineralogy
13439	83/24-sb02	71.47	71.49	Shale	✓	✓	✓	Shale mineralogy/clays
13447	16/28-sb01	87.80	87.83	Mud	✓	✓	✓	Clay mineralogy
13449	16/28-sb01	91.17	91.20	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13450	16/28-sb01	96.85	96.88	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13451	16/28-sb01	105.78	105.82	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13452	16/28-sb01	108.30	108.33	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13453	16/28-sb01	113.17	113.21	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13454	16/28-sb01	120.53	120.56	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13455	16/28-sb01	126.50	126.53	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13456	16/28-sb01	135.56	135.59	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13458	16/28-sb01	144.58	144.62	Stiff mud	✓	✓	✓	Clay mineralogy/stratigraphy
13461	16/28-sb01	145.60	145.63	Stiff clay	✓	✓	✓	Mineralogy for TS QC
13462	16/28-sb01	147.06	147.10	Cemented sst	✓	✓		Clay mineralogy/stratigraphy
2101	83/20-sb01	35.95	35.98	Soft sediment	✓	✓	✓	Clay mineralogy/stratigraphy
2102	83/20-sb01	66.53	66.55	Soft sediment	✓	✓	✓	Clay mineralogy/stratigraphy
2103	83/20-sb01	66.95	66.97	Soft sediment	✓	✓	✓	Clay mineralogy/stratigraphy
2104	83/20-sb01	84.90	84.92	Soft sediment	✓	✓	✓	Clay mineralogy/stratigraphy
2106	83/20-sb01	96.38	96.40	Soft sediment	✓	✓	✓	Clay mineralogy of white vs. brown
2107	83/20-sb01	98.98	99.00	Stiff sediment	✓	✓		Yellow marl
2108	83/20-sb01	102.75	102.77	Stiff sediment	✓	✓		Marl with pink colouration
2116	83/20-sb01	132.70	132.73	Cemented sst	✓	✓		Mineralogy for TS QC

Table 4: Listing of samples for XRD analysis.