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ASSAY RESULTS FROM MEDCALF PROJECT DRILLING PROGRAMME

ANNOUNCEMENT **27 JUNE 2018**

HIGHLIGHTS

- **The widest mineralised intercepts ever drilled through the Medcalf sill. These include:**
  - **MRC130 78m @ 8.47% TiO_2, 0.42% V_2O_5 and 44.42% Fe_2O_3**
  - **MRC131 74m @ 9.63% TiO_2, 0.49% V_2O_5 and 55.45% Fe_2O_3**
- **Two additional prospects, Pinatubo and Kilimanjaro, defined with significant intercepts.**
- **Fuji northwest limb defined and still open with MRC135 intersecting 30m @ 6.41% TiO_2, 0.29% V_2O_5 and 34.26% Fe_2O_3**
- **Updated mineral resource estimate along with a mining engineering study expected to be reported in August 2018.**

Audalia Resources Limited (ASX: ACP) is pleased to announce the assay results from the reverse circulation (**RC**) drilling programme completed on 1 May 2018 at the Medcalf Project.

The 89-hole RC drill programme for 3,794m (Appendix 1 - drillplan) was drilled on Mining Lease M63/656 (Appendix 2 – drillhole collars). The regional exploration drilling programme was designed to delineate additional mineralisation with the aim of increasing the current mineral resource base through drilling in adjacent areas (Pinatubo and Kilimanjaro Prospects) previously not drilled tested. Concurrently, the Company completed drilling to the west of the Vesuvius Prospect. This part of the drill programme was conducted in an environmentally sensitive area (**ESA**) using permits granted by the Department of Biodiversity, Conservation and Attractions of Western Australian. The Company also completely drilling on the northern side of the Fuji Prospect to support the current Resource for upgrading the Inferred category and test for additional mineralisation.

The Company last reported an update to the mineral resource estimate in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves 2012 Edition (**JORC 2012**) on 18 August 2014.

All drillholes have been surveyed by Cardno Surveys from Kalgoorlie. The drill samples collected from the drilling had the necessary quality control procedures in place. Samples were dispatched to Intertek Genalysis for a multi-element analysis (Table 1). Samples were also sent to an umpire lab for cross checking, at the direction of Cube Consulting, which will assist with updating the 2014 mineral resource estimate.

The samples were analysed via used disk x-ray fluorescence spectroscopy (XRF) which is proven for its accuracy in the analysis of bulk commodities. Pulverised samples are fused with a lithium borate flux and cast into disks using a semi or fully automated technology,

Loss of ignition (LOI) is determined using thermogravimetric analysis (TGA). Single point LOI is determined at 1000°C.

ELEMENT	RANGE %	FINISH	ELEMENT	RANGE %	FINISH	ELEMENT	RANGE %	FINISH
TiO_2	0.01-100	XRF	Cu	0.005-5	XRF	P_2O_5	0.002-100	XRF
V2O5	0.005-5	XRF	Fe2O3	0.01-100	XRF	SO3	0.002-5	XRF
Al2O3	0.01-100	XRF	K2O	0.01-100	XRF	SiO2	0.01-100	XRF
CaO	0.01-100	XRF	MgO	0.01-100	XRF	Zn	0.005-5	XRF
Cl	0.005-5	XRF	MnO	0.01-100	XRF	LOI 1000°C	0.01- 100	
Co	0.005-5	XRF	Na2O	0.01-100	XRF			
Cr2O3	0.005 - 5	XRF	Ni	0.005-20	XRF			

Table 1 – Titanium Vanadium multi-element package via Li borate fusion with XRF analysis

a) Kilimanjaro Prospect

A total of 37 holes for 1,459m were drilled at Kilimanjaro Prospect (that lies 2km southeast of Fuji) to test a strike length of 1.1km on a 160m by 40m drill pattern for a total of 8 drill lines.

The drilling was successful in intersecting the host rock pyroxenite from near surface to a depth of 55m for the five most southern drill lines. Drillholes were drilled at a 60^0 inclination to the southwest.

Assay results have indicated that the mineralisation extends over a strike length of 530m and that Kilimanjaro will add in additional tonnage to the 2014 mineral resource estimate. Significant assays returned from the drilling are highlighted in Table 2 and a full set of results are listed in Appendix 3.

Figure 1 – Drilling at Kilimanjaro.

Kilimanjaro (KJC001-35)						
Hole	From	To	Width (m)	TiO2%	V2O5%	Fe2O3%
KJC002	16	18	2	6.42	0.24	29.87
	22	28	6	6.29	0.29	38.12
KJC003	50	60	10	5.59	0.23	29.95
KJC005	0	10	10	7.10	0.35	42.89
KJC006	38	46	8	5.39	0.25	31.48
	55	58	3	5.74	0.29	35.10
KJC008	0	22	22	8.77	0.49	56.70
KJC009	1	10	9	7.41	0.36	41.19
	24	52	28	7.92	0.43	46.85
KJC009A	2	30	28	8.19	0.36	38.03
KJC010	0	6	6	7.03	0.50	55.87
KJC011	0	22	22	6.78	0.37	44.40
KJC012	14	19	5	7.55	0.36	42.02
	21	23	2	9.09	0.38	46.77
	29	48	19	6.03	0.34	38.35
KJC013	0	7	7	4.94	0.28	33.69
KJC014	0	15	15	8.64	0.50	56.80
KJC015	3	20	17	7.29	0.36	45.14
KJC028	0	22	22	9.51	0.53	50.02
KJC029	2	9	7	6.89	0.35	46.28
	13	48	35	7.19	0.37	49.22
KJC030	0	20	20	7.71	0.44	54.72
KJC031	1	5	4	6.93	0.38	47.32
KJC032	8	33	25	8.14	0.44	53.46
KJC034	2	12	10	7.62	0.34	45.62
KJC035	37	42	5	5.92	0.24	31.45

Table 2 – Kilimanjaro significant assay results

b) Pinatubo Prospect

A total of 32 holes for 1,039m were drilled at the Pinatubo Prospect where a strike length of 660 metres was tested on a 160m by 40m drill pattern. Drillholes were drilled vertically.

The four drill lines all intersected the host rock, pyroxenite from near surface to a depth of 25m where it was terminated due downdip to an interpreted north - south fault.

Assay results have indicated that the mineralisation extends over a strike length of 720m and that Pinatubo will also add in additional tonnage to the 2014 mineral resource estimate. Significant assays returned from the drilling are highlighted in Table 3 and a full list of results are listed in Appendix 3.

Pinatubo (PTC001-32)						
Hole	From	To	Width (m)	TiO2%	V2O5%	Fe2O3%
PTC001	2	4	2	9.66	0.37	47.68
	31	34	3	7.47	0.40	41.64
PTC002	39	50	11	4.11	0.22	27.72
PTC008	0	3	3	5.67	0.24	48.18
PTC009	0	13	13	9.84	0.51	54.73
PTC010	1	18	17	12.70	0.69	61.80
PTC011	1	20	19	11.86	0.63	53.09
PTC012	3	25	22	11.50	0.46	46.97
PTC013	4	29	25	9.45	0.48	53.17
PTC014	20	32	12	8.13	0.43	50.44
PTC016	0	3	3	9.68	0.50	58.90
PTC017	1	5	4	8.58	0.33	40.98
	12	20	8	9.87	0.46	53.73
PTC018	21	23	2	7.45	0.32	37.64
PTC021	0	2	2	5.74	0.27	30.45
PTC027	0	14	14	9.31	0.48	55.14
PTC028	7	17	10	10.36	0.54	57.86
PTC029	17	23	6	5.32	0.28	37.44
PTC031	58	60	2	4.30	0.24	30.36
PTC032	21	28	7	6.93	0.38	51.86

Table 3 – Pinatubo significant assay results

At total of 9 vertical holes for 711m were drilled at the Environmentally Sensitive Area (ESA). This area is located immediately west of Vesuvius and had not been drilled by Audalia previously due to the requirement of obtaining several permits.

Drilling intersected the host rock, pyroxenite downdip from 60m to a depth of 102m. This drilling was designed to test the north-western extension of the Vesuvius resource model for additional mineralisation.

Assay results have returned substantial results of large thicknesses and significant grades (Table 4) that will change the dimensions of the previously reported mineral resource estimate at the western side of Vesuvius. A full set of results are listed in Appendix 3.

DRF (MRC125-133)						
Hole	From	To	Width (m)	TiO2%	V2O5%	Fe2O3%
MRC125			nil			
MRC126	8	12	4	8.21	0.31	49.81
	18	21	3	6.87	0.28	56.75
	27	42	15	10.75	0.40	54.40
	47	78	31	7.12	0.35	37.84
MRC127	15	48	33	8.03	0.36	42.95
MRC128	4	6	2	5.37	0.22	28.82
	26	45	20	9.96	0.46	51.98
	48	62	14	7.15	0.35	47.13
	73	100	27	1.51	0.62	65.53
MRC129	29	33	4	8.89	0.35	41.22
	34	41	7	10.84	0.49	55.14
	48	91	43	11.24	0.59	61.93
MRC130	4	82	78	8.47	0.42	44.42
MRC131	0	74	74	9.63	0.49	55.45
MRC132	53	81	28	7.50	0.35	37.81
MRC133	4	60	46	8.48	0.39	47.33

Table 4 – ESA significant assay results

At total of 9 vertical holes for 426m where drilled at the Fuji northwest limb. This area is located immediately north of Fuji and had not been drilled by Audalia previously due to the requiring a Heritage survey.

Assay results have indicated that the mineralisation extends over a strike length of 390m. The breakdown of the drilling over this strike length is as follows:

- Drillhole MRC142 was an infill hole in the 2014 JORC (2012) Indicated block model for additional support of the southern 100m of strike.
- Drillholes MRC124 – MRC134 and MRC136-MRC141 were drilled over a strike length of 175m (central zone) in the 2014 JORC (2012) Inferred block model and results returned support a re-classification.
- MRC135 was drilled in virgin ground in the northern zone for s trike length of 115m.

Significant assays retuned from the drilling are highlighted in Table 5 and a full list of results are listed in Appendix 3.

Fuji NW (MRC124 + MRC135-142)						
Hole	From	To	Width (m)	TiO2%	V2O5%	Fe2O3%
MRC124	0	32	32	9.30	0.39	49.35
MRC135	0	30	30	6.41	0.29	34.26
MRC136	0	30	30	5.71	0.26	32.61
MRC138	0	30	30	6.97	0.29	39.02
MRC139	27	29	2	5.73	0.25	43.88
MRC140	0	9	9	8.76	0.38	42.26
	23	30	7	8.65	0.43	47.09
MRC141	4	16	12	10.88	0.59	42.75
MRC142	3	13	10	8.74	0.39	43.88
	34	39	5	9.73	0.54	57.79

Table 5 – Fuji NW significant assay results

A total of 2 vertical holes for 96m have been drilled in the 2014 JORC (2012) mineral resource block model to delineate the footwall contact of the mineralisation in key areas.

Assay results have returned from MRC077A have extended the interpretative thickness of the mineralisation to a depth of 36m. MRC077 drilled in 2013 was only drilled to 18m. MRC134 returned no significant results and has confirmed the eastern boundary of the Fuji mineralisation

Significant assays returned from the drilling are highlighted in Table 6 and a full list of results are listed in Appendix 3.

2013 Deepen drilling (MR077A + MRC134)						
Hole	From	To	Width (m)	TiO2%	V2O5%	Fe2O3%
MRC077A	0	30	30	8.37	0.42	48.15

Table 6 – 2013 deepen drilling significant assay results

Reconnaissance mapping and rockchip sample

A detailed mapping programme was carried at 1:2,500 scale out on the north-eastern side of M63/656. Selective rockchip sampling was completed over areas of interest. Significant results are tabulated below in Table 7 and a full set of results are in listed in Appendix 3.

Sampno	East	North	TiO2	V2O5	Fe2O3	Description
MD3971	295,733	6,397,396	3.70	0.24	57.11	Mottled zone outcrop
MD3973	295,598	6,397,645	16.94	0.60	67.50	Brownish black ironstone float
MD3974	295,902	6,397,803	7.80	0.42	70.51	Brownish black ironstone float
MD3975	295,514	6,397,944	5.60	0.32	76.44	Dark brown ironstone float
MD3980	294,601	6,398,152	4.67	0.21	34.95	Saprolitoic gabbro or pyroxenite
MD3982	294,400	6,399,393	3.50	0.53	69.64	Ironstone nodule subcrop
MD3985	294,006	6,399,612	4.05	0.23	76.42	Sparse mottled zone ironstone
MD3987	294,596	6,398,253	6.74	0.21	41.61	Mottle zone gabbro?

Table 7 – Rockchip significant results

The drillhole database of collars, assays and geology has been forwarded to Cube Consulting to update the 2014 mineral resource model at the Medcalf Project. Cube Consulting will also complete the mining engineering study to optimise open pit mine design options and production schedules based on the latest resource block models and revised operation parameters. The Medcalf Project life of mine will also be reviewed for potential extension with the updated mineral resource. Audalia Resources expects Cube Consulting to complete the report for the updated mineral resource estimate in accordance with JORC 2012 by August 2018

Authorised by:

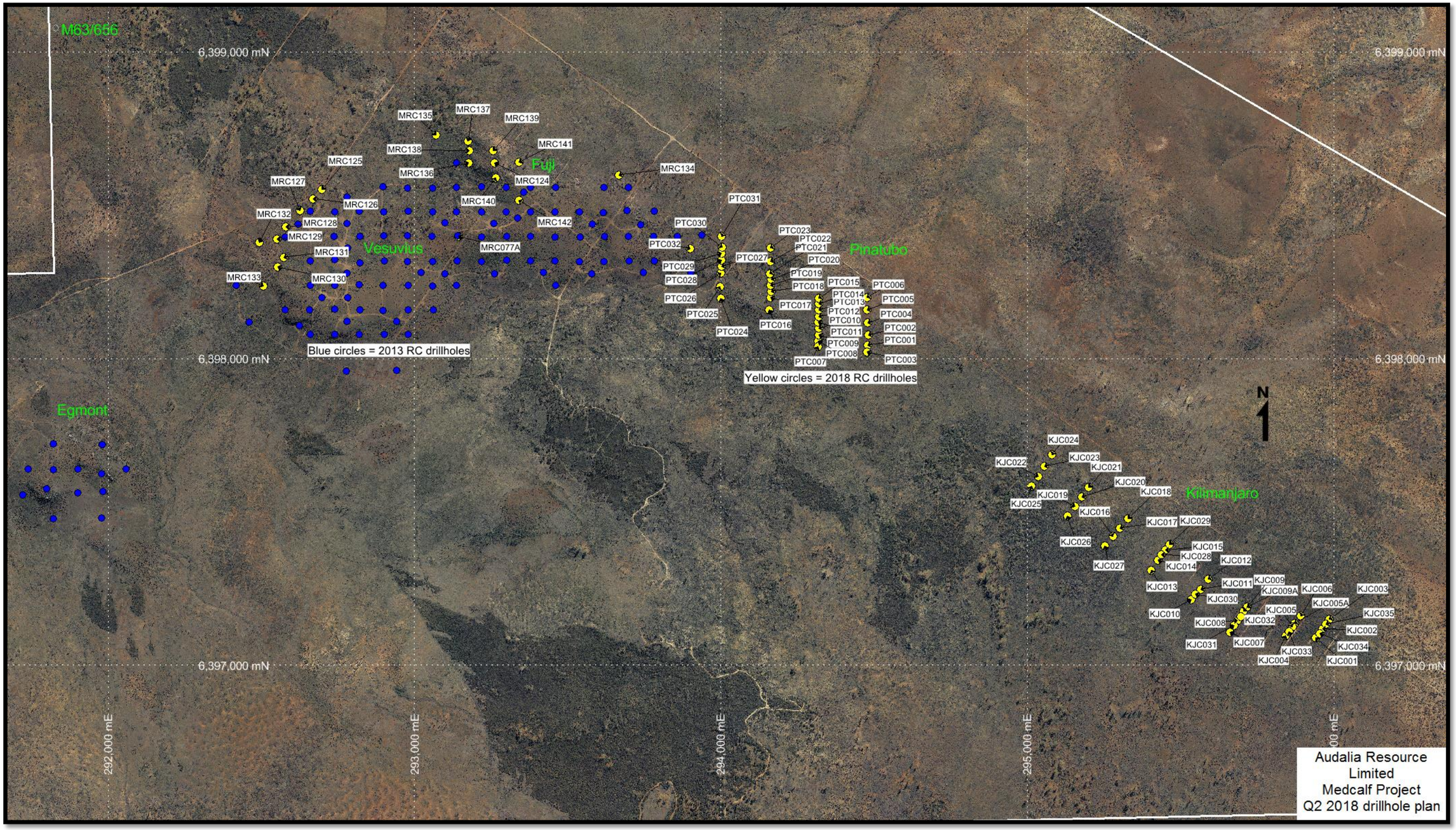
Brent Butler
CEO and Executive Director

Competent Person's Statement

The information in this report relates to the Exploration Results is based on information compiled by Mr Brent Butler, who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Butler has 34 years' experience as a geologist and is CEO and Executive Director of Audalia. Mr Butler has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr Butler has provided his consent to the inclusion in the report of the matters based on his information in the form and context in which it appears.

APPENDIX ONE

2018 RC DRILL PLAN


M63/656
6,399,000 mN
6,398,000 mN
6,397,000 mN
292,000 mE
293,000 mE
294,000 mE
295,000 mE
Vesuvius
Fuji
Pinatubo
Egmont
Kilimanjaro
MRC135
MRC137
MRC139
MRC138
MRC141
MRC125
MRC136
MRC124
MRC134
MRC127
MRC126
MRC140
MRC132
MRC128
MRC142
MRC129
MRC131
MRC077A
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MRC130
PTC031
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PTC032
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PTC004
PTC025
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PTC001
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PTC009
PTC008
PTC007
PTC003
Blue circles = 2013 RC drillholes
Yellow circles = 2018 RC drillholes
N
KJC024
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KJC025
KJC016
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KJC029
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Audalia Resource Limited
Medcalf Project
Q2 2018 drillhole plan

APPENDIX TWO

2018 RC DRILL COLLARS

Hole	East	North	RL	Depth	Azimuth	Dip
KJC001	295,940.16	6,397,089.61	333.72	18	215	-60
KJC002	295,962.32	6,397,118.36	333.35	60	215	-60
KJC003	295,984.18	6,397,149.47	332.95	60	215	-60
KJC004	295,843.19	6,397,096.59	336.42	12	215	-60
KJC005	295,866.11	6,397,125.83	336.38	60	215	-60
KJC005A	295,871.39	6,397,136.38	336.15	48	35	-60
KJC006	295,890.89	6,397,160.80	335.71	60	215	-60
KJC007	295,661.16	6,397,107.83	344.90	30	215	-60
KJC008	295,684.93	6,397,145.13	343.69	36	215	-60
KJC009	295,704.93	6,397,176.86	342.57	72	215	-60
KJC009A	295,716.70	6,397,190.04	341.87	30	0	-90
KJC010	295,535.62	6,397,214.90	357.19	30	215	-60
KJC011	295,564.95	6,397,246.78	352.72	57	215	-60
KJC012	295,589.57	6,397,279.54	348.43	60	215	-60
KJC013	295,404.02	6,397,309.96	351.92	30	215	-60
KJC014	295,426.63	6,397,342.20	352.00	48	215	-60
KJC015	295,451.08	6,397,376.10	350.59	66	215	-60
KJC016	295,278.83	6,397,419.57	349.43	42	215	-60
KJC017	295,301.95	6,397,446.86	349.44	42	215	-60
KJC018	295,327.91	6,397,478.69	348.99	54	215	-60
KJC019	295,154.94	6,397,518.50	350.95	22	215	-60
KJC020	295,178.40	6,397,548.75	350.38	30	215	-60
KJC021	295,200.69	6,397,579.60	349.93	30	215	-60
KJC022	295,035.51	6,397,616.57	354.79	24	215	-60
KJC023	295,056.28	6,397,649.69	354.09	24	215	-60
KJC024	295,079.33	6,397,687.57	353.14	30	215	-60
KJC025	295,013.47	6,397,584.15	355.14	24	215	-60
KJC026	295,130.80	6,397,487.39	351.20	24	215	-60
KJC027	295,254.03	6,397,390.16	349.23	48	215	-60
KJC028	295,436.61	6,397,360.94	351.34	36	215	-60
KJC029	295,463.01	6,397,393.46	349.36	54	215	-60
KJC030	295,548.63	6,397,232.47	355.68	30	215	-60
KJC031	295,674.23	6,397,128.89	344.90	18	215	-60
KJC032	295,695.76	6,397,159.34	343.09	42	215	-60
KJC033	295,854.41	6,397,109.88	336.35	24	215	-60
KJC034	295,953.94	6,397,103.82	333.38	42	0	-90
KJC035	295,973.38	6,397,134.71	333.16	42	215	-90
MRC077A	293,143.46	6,398,399.32	415.94	36	0	-90
MRC124	293,261.71	6,398,639.44	412.88	54	0	-90
MRC125	292,696.29	6,398,551.37	405.81	60	0	-90
MRC126	292,668.48	6,398,521.01	411.08	78	0	-90
MRC127	292,627.12	6,398,482.83	412.75	48	0	-90
MRC128	292,579.14	6,398,429.70	412.71	102	0	-90
MRC129	292,549.96	6,398,390.10	413.88	102	0	-90
MRC130	292,553.70	6,398,299.42	421.23	96	0	-90
MRC131	292,572.30	6,398,329.78	418.83	84	0	-90
MRC132	292,492.21	6,398,377.85	410.71	81	0	-90
MRC133	292,506.82	6,398,237.61	415.97	60	0	-90
MRC134	293,666.98	6,398,597.90	383.17	60	0	-90

Hole	East	North	RL	Depth	Azimuth	Dip
MRC135	293,070.44	6,398,730.31	391.57	30	0	-90
MRC136	293,177.48	6,398,639.11	402.24	30	0	-90
MRC137	293,173.51	6,398,708.82	403.75	48	0	-90
MRC138	293,178.08	6,398,679.35	404.11	30	0	-90
MRC139	293,256.57	6,398,678.69	413.43	72	0	-90
MRC140	293,265.24	6,398,590.59	409.56	30	0	-90
MRC141	293,340.77	6,398,639.70	405.09	72	0	-90
MRC142	293,339.68	6,398,517.45	417.01	60	0	-90
PTC001	294,479.41	6,398,044.89	367.65	60	0	-90
PTC002	294,480.06	6,398,077.60	367.67	60	0	-90
PTC003	294,476.04	6,398,021.73	367.71	42	0	-90
PTC004	294,479.84	6,398,116.27	368.42	24	0	-90
PTC005	294,477.54	6,398,158.57	368.15	24	0	-90
PTC006	294,476.44	6,398,198.12	367.83	24	0	-90
PTC007	294,317.05	6,398,038.70	373.72	24	0	-90
PTC008	294,317.85	6,398,057.98	374.58	24	0	-90
PTC009	294,319.55	6,398,077.90	375.79	24	0	-90
PTC010	294,319.95	6,398,098.37	376.09	24	0	-90
PTC011	294,317.68	6,398,118.17	374.89	30	0	-90
PTC012	294,318.28	6,398,137.58	373.54	30	0	-90
PTC013	294,319.60	6,398,159.08	372.68	30	0	-90
PTC014	294,319.42	6,398,179.66	371.92	42	0	-90
PTC015	294,320.02	6,398,197.84	371.52	24	0	-90
PTC016	294,157.61	6,398,159.32	384.35	30	0	-90
PTC017	294,160.90	6,398,200.18	377.92	24	0	-90
PTC018	294,163.12	6,398,218.83	375.54	66	0	-90
PTC019	294,161.16	6,398,239.83	373.64	30	0	-90
PTC020	294,163.34	6,398,258.82	372.08	30	0	-90
PTC021	294,159.70	6,398,277.76	370.92	30	0	-90
PTC022	294,162.25	6,398,315.63	369.17	30	0	-90
PTC023	294,161.30	6,398,360.72	367.35	30	0	-90
PTC024	293,999.91	6,398,197.80	378.68	30	0	-90
PTC025	293,997.10	6,398,234.67	376.96	30	0	-90
PTC026	293,998.48	6,398,278.86	372.70	36	0	-90
PTC027	294,001.64	6,398,301.59	372.31	30	0	-90
PTC028	294,000.97	6,398,320.51	372.09	30	0	-90
PTC029	294,001.61	6,398,343.11	371.90	30	0	-90
PTC030	294,004.07	6,398,362.66	372.07	24	0	-90
PTC031	294,000.72	6,398,399.30	372.21	60	0	90
PTC032	293,900.15	6,398,359.72	381.15	66	180	-60

APPENDIX THREE

RC ASSAY RESULTS

Note:

NR = samples listed on the submission form but not received by Intertek.

NA = samples not assayed as drill cuttings were not in the mineralised pyroxenite. This was determined by consultant Geologist Terry Taylor.

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
		m	m	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	Gravimetric
				0.01	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.00*	*0.00*	*0.01*	*0.01*	*0.01*	*0.01*	*0.00*	*0.01*	*0.00*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*
KJC001	MD4001	0	1	2.78	0.12	20.04	34.13	8.35	0.19	7.29		0.06	9.07	1.21	0.87	0.01				0.10				100.45	nr
KJC001	MD4002	1	2	3.22	0.14	26.47	42.11	10.65	0.23	1.12		0.07	5.83	1.32	1.18	0.01				0.17				99.92	15.74
KJC001	MD4003	2	3	2.04	0.08	25.29	45.30	9.82	0.19	0.75		0.06	7.60	0.86	1.29	0.01				0.30				100.41	6.81
KJC001	MD4004	3	4	2.18	0.05	26.72	44.64	10.18	0.12	0.77		0.05	6.55	0.25	1.28	0.01				0.36				99.81	6.11
KJC001	MD4005	4	5	1.56	0.06	31.09	42.31	7.54	0.14	0.75		0.05	8.95	0.12	0.98	0.01				0.48				100.01	6.15
KJC001	MD4006	5	6	1.31	0.05	25.29	47.55	5.32	0.16	1.54		0.04	12.03	0.08	0.85	0.01				0.44				99.56	5.44
KJC001	MD4007	6	7	1.59	0.04	22.27	50.64	5.27	0.15	1.78		0.06	10.74	0.07	0.79	0.01				0.43				99.66	4.48
KJC001	MD4008	7	8	1.59	0.04	22.90	56.07	2.85	0.13	1.31		0.05	9.34	0.06	0.70	0.01				0.46				100.22	5.36
KJC001	MD4009	8	9	1.55	0.04	24.49	56.31	2.21	0.12	0.56		0.07	8.17	0.04	0.58	0.01				0.50				99.38	4.30
KJC001	MD4010	9	10	1.41	0.05	28.83	52.59	1.89	0.11	0.32		0.09	8.51	0.03	0.47	0.01				0.50				100.08	4.41
KJC001	MD4011	10	11	1.05	0.04	22.37	53.28	7.98	0.09	0.48		0.07	6.11	0.76	0.97	0.01				0.37				99.65	4.98
KJC001	MD4012	11	12	0.89	0.03	18.31	51.56	7.49	0.12	1.61		0.03	12.98	0.63	0.85	0.01				0.34				100.05	5.72
KJC001	MD4013	12	13	1.12	0.04	21.64	47.35	6.50	0.24	1.23		0.02	14.57	0.26	1.11	0.01				0.46				100.18	4.84
KJC001	MD4014	13	14	1.06	0.03	19.61	47.17	4.41	0.30	1.97		0.02	18.74	0.06	0.92	0.01				0.48				100.49	5.06
KJC001	MD4015	14	15	1.03	0.03	19.93	48.66	3.91	0.26	2.08		0.02	17.59	0.04	0.83	0.01				0.47				100.25	5.13
KJC001	MD4016	15	16	1.03	0.04	22.43	47.34	3.64	0.38	2.22		0.03	15.95	0.05	0.94	0.01				0.51				100.01	4.85
KJC001	MD4017	16	17	1.09	0.03	20.44	52.83	3.39	0.24	2.04		0.03	13.32	0.05	0.93	0.01				0.48				99.98	4.81
KJC001	MD4018	17	18	1.09	0.03	20.81	49.20	3.41	0.48	2.61		0.03	15.39	0.05	0.91	0.01				0.49				99.88	4.54
KJC002	MD4019	0	1	3.63	0.16	23.53	35.94	7.64	0.22	6.19		0.06	8.13	1.04	0.87	0.01				0.12				100.12	4.65
KJC002	MD4021	1	2	3.68	0.16	25.21	43.43	12.83	0.16	0.67		0.11	4.75	1.15	1.18	0.01				0.12				100.46	11.33
KJC002	MD4022	2	3	3.12	0.13	22.97	44.33	14.15	0.08	0.46		0.15	4.04	1.24	1.45	0.01				0.08				100.52	6.46
KJC002	MD4023	3	4	4.77	0.12	23.25	50.91	9.16	0.05	0.17		0.11	2.50	1.39	1.34	0.01				0.01				100.01	7.64
KJC002	MD4024	4	5	5.23	0.14	23.47	54.35	7.00	0.04	0.17		0.12	1.96	1.07	1.30	0.01				<0.01				100.42	5.91
KJC002	MD4025	5	6	5.37	0.14	25.19	54.31	5.59	0.03	0.09		0.12	1.71	1.08	1.06	0.01				<0.01				99.83	5.20
KJC002	MD4026	6	7	4.62	0.15	27.40	47.65	7.60	0.05	0.48		0.15	2.19	1.46	1.15	0.01				0.01				100.38	4.81
KJC002	MD4027	7	8	4.94	0.15	27.62	52.19	6.22	0.04	0.18		0.13	0.91	0.62	1.69	0.01				<0.01				99.99	7.23
KJC002	MD4028	8	9	5.92	0.19	31.48	48.33	5.42	0.03	0.26		0.12	1.10	0.49	1.16	0.01				<0.01				100.14	4.96
KJC002	MD4029	9	10	5.41	0.17	27.00	52.24	6.73	0.02	0.51		0.13	0.82	0.36	1.73	<0.01				<0.01				100.35	5.37
KJC002	MD4030	10	11	5.36	0.16	26.23	47.76	9.55	0.03	0.38		0.14	1.74	0.75	1.59	0.01				0.01				100.27	4.86
KJC002	MD4031	11	12	3.43	0.11	33.15	40.44	10.13	0.05	0.20		0.14	1.91	0.57	1.14	0.01				0.01				99.96	6.12
KJC002	MD4032	12	13	4.22	0.11	23.91	42.47	15.94	0.02	0.16		0.12	1.90	0.75	1.51	0.01				0.01				100.38	8.29
KJC002	MD4033	13	14	4.09	0.13	27.50	36.26	16.22	0.06	0.07		0.15	3.26	1.81	0.89	0.01				<0.01				100.22	8.83
KJC002	MD4034	14	15	4.67	0.15	21.45	41.56	18.30	0.03	0.09		0.12	2.15	1.10	1.05	0.01				<0.01				100.36	9.29
KJC002	MD4035	16	17	4.89	0.17	23.83	38.11	19.66	0.04	0.12		0.11	1.90	0.89	0.95	0.01				<0.01				100.46	9.20
KJC002	MD4036	15	17	5.80	0.20	26.97	38.06	15.61	0.05	0.16		0.11	2.65	1.25	0.96	0.01				<0.01				100.57	9.35
KJC002	MD4037	17	18	7.04	0.28	32.77	33.90	10.67	0.38	0.90		0.05	4.54	2.46	0.96	0.02				<0.01				99.74	8.23
KJC002	MD4038	18	19	5.55	0.19	27.54	39.44	8.99	0.79	4.45		0.03	4.40	1.55	1.10	0.02				<0.01				99.88	5.16
KJC002	MD4039	19	20	4.96	0.19	25.64	41.30	9.03	0.36	6.45		0.02	5.62	1.26	1.18	0.02				<0.01				100.05	4.87
KJC002	MD4041	20	21	4.94	0.19	26.05	40.47	8.33	0.21	8.46		0.02	7.01	0.82	1.13	0.02				<0.01				100.07	-0.47
KJC002	MD4042	21	22	4.84	0.19	25.41	40.74	8.46	0.21	8.81		0.01	7.34	1.17	1.00	0.02				<0.01				100.44	2.01
KJC002	MD4043	22	23	6.14	0.26	32.26	35.93	7.90	0.23	6.51		0.01	6.46	1.29	0.85	0.02				0.01				100.46	1.84
KJC002	MD4044	23	24	6.83	0.31	37.32	31.25	7.49	0.22	4.52		0.02	6.60	2.06	0.65	0.02				0.02				100.01	2.12
KJC002	MD4045	24	25	7.17	0.33	38.33	30.65	7.15	0.25	4.67		0.01	7.07	1.29	0.75	0.02				0.03				99.92	2.25
KJC002	MD4046	25	26	5.98	0.29	38.69	29.92	6.25	0.24	2.89		0.01	9.97	2.38	0.63	0.02				0.08				99.52	1.74
KJC002	MD4047	26	27	5.84	0.29	41.19	28.85	6.06	0.26	2.44		0.02	8.95	2.07	0.73	0.02				0.13				99.87	1.76
KJC002	MD4048	27	28	5.76	0.26	40.95	28.52	5.73	0.26	3.07		0.01	9.85	1.27	0.69	0.02				0.17				99.76	2.52
KJC002	MD4049	28	29	4.55	0.21	35.30	33.61	6.24	0.25	3.77		0.02	11.11	0.23	0.77	0.02				0.14				100.05	2.79
KJC002	MD4050	29	30	1.51	0.04	21.98	46.72	5.48	0.19	3.80		0.02	14.22	0.25	0.61	0.01				0.16				99.86	3.36
KJC002	MD4051	30	31	1.03	0.03	15.65	49.39	3.91	0.22	4.14		0.02	20.69	0.07	0.26	0.01				0.30				100.05	4.27
KJC002	MD4052	31	32	0.72	0.02	17.93	48.36	4.37	0.16	3.73		0.04	18.51	0.85	0.62	0.01				0.25				99.72	3.96
KJC002	MD4053	32	33	0.87	0.03	19.35	47.71	2.74	0.21	3.66		0.50	20.50	0.05	0.12	0.01				0.29				98.89	3.76
KJC002	MD4054	33	34	0.93	0.03	19.50	42.81	3.06	0.25	6.26		0.61	19.21	0.02	0.11	0.01				0.33				98.90	2.99
KJC002	MD4055	34	35	0.95	0.03	19.52	45.71	3.33	0.22	4.25		0.52	19.90	0.22	0.12	0.01				0.29				98.90	5.96
KJC002	MD4056	35	36	0.87	0.03	19.54	46.36	3.22	0.23	4.23		0.35	21.24	0.15	0.12	0.01				0.24				99.52	3.94
KJC002	MD4057	36	37	1.00	0.03	17.57	51.27	2.65	0.22	4.01		0.41	17.45	0.04	0.17	0.05				0.29				99.44	2.96
KJC002	MD4058	37	38	0.93	0.03	17.59	45.23	3.10	0.24	6.17		0.40	18.94	0.03	0.11	0.01				0.31				99.15	4.23
KJC002	MD4059	38	39	0.94	0.03	15.92	44.97	3.72	0.24	5.78		0.41	22.44	0.24	0.12	0.01				0.32				99.19	6.06
KJC002	MD4060	39	40	0.95	0.02	16.29	40.71	3.69	0.23	4.78		0.45	25.96	0.06	0.10	0.01				0.34				98.91	4.05
KJC002	MD4062	40	41	1.11	0.03	18.03	39.73	3.99	0.23	4.32		0.43	26.13	0.02	0.09	0.01				0.33				99.08	1.25
KJC002	MD4063	41	42	0.97	0.02	16.80	39.94	3.10	0.23	4.21		0.41	27.43	0.01	0.09	0.01				0.35				98.67	4.63

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC002	MD4064	42	43	1.00	0.02	16.80	40.40	3.07	0.21	3.50		0.38	28.53	0.02	0.13	0.01				0.35				99.38	5.09
KJC002	MD4065	43	44	0.96	0.02	15.97	41.48	2.89	0.22	3.62		0.38	29.39	0.01	0.09	0.01				0.36				99.08	4.87
KJC002	MD4066	44	45	0.89	0.02	16.51	41.16	2.87	0.21	5.68		0.43	24.67	<0.01	0.11	0.01				0.34				98.59	3.62
KJC002	MD4067	45	46	0.83	0.02	15.27	42.93	3.13	0.20	5.37		0.39	26.22	<0.01	0.10	0.01				0.36				99.49	5.69
KJC002	MD4068	46	47	0.78	0.02	17.03	41.60	2.82	0.21	3.95		0.38	28.40	0.01	0.09	0.01				0.36				99.70	4.62
KJC002	MD4069	47	48	0.94	0.02	16.04	40.58	3.84	0.19	4.35		0.37	27.07	0.02	0.10	0.01				0.32				99.75	4.02
KJC002	MD4070	48	49	0.80	0.02	15.54	40.94	2.45	0.18	2.77		0.34	31.01	<0.01	0.06	0.01				0.38				100.67	5.82
KJC002	MD4071	49	50	0.79	0.02	15.80	39.63	2.38	0.19	2.88		0.33	31.10	<0.01	0.08	0.01				0.38				99.85	6.04
KJC002	MD4072	50	51	0.82	0.02	15.67	40.82	2.41	0.20	2.19		0.35	32.35	<0.01	0.05	0.01				0.40				100.14	6.14
KJC002	MD4073	51	52	0.78	0.02	15.31	40.53	2.55	0.19	2.52		0.37	31.28	<0.01	0.07	0.01				0.37				99.46	4.76
KJC002	MD4074	52	53	0.74	0.02	14.29	41.43	2.16	0.19	4.04		0.34	29.69	<0.01	0.10	0.01				0.34				99.44	5.38
KJC002	MD4075	53	54	0.84	0.02	15.41	40.88	2.37	0.19	2.47		0.41	30.96	0.01	0.09	0.01				0.38				99.92	5.99
KJC002	MD4076	54	55	0.71	0.02	14.07	38.86	2.18	0.18	4.36		0.39	29.27	0.01	0.15	0.01				0.35				98.81	5.83
KJC002	MD4077	55	56	0.76	0.02	15.25	38.30	2.16	0.18	2.86		0.39	31.52	<0.01	0.08	0.01				0.36				99.30	8.21
KJC002	MD4078	56	57	0.76	0.02	15.41	38.70	2.10	0.18	2.51		0.38	31.92	<0.01	0.05	0.01				0.36				99.44	7.34
KJC002	MD4079	57	58	0.76	0.02	15.45	38.01	2.08	0.18	2.40		0.38	32.26	<0.01	0.07	0.01				0.37				99.53	6.95
KJC002	MD4081	58	59	0.76	0.02	15.44	38.04	2.10	0.17	2.15		0.41	32.32	<0.01	0.06	0.01				0.36				99.41	1.16
KJC002	MD4082	59	60	0.75	0.02	15.77	39.56	2.09	0.19	2.26		0.47	32.53	<0.01	0.05	0.01				0.38				99.14	7.51
KJC003	MD4083	0	1	3.21	0.15	18.76	28.00	6.97	0.18	10.69		0.05	9.64	1.12	0.82	0.01				0.03				99.79	5.08
KJC003	MD4084	1	2	3.32	0.14	18.45	35.69	9.32	0.18	7.37		0.06	7.36	1.45	1.07	0.01				0.03				99.95	19.86
KJC003	MD4085	2	3	3.60	0.16	21.16	47.03	12.83	0.21	1.15		0.08	3.55	1.87	1.53	0.01				0.04				100.52	15.12
KJC003	MD4086	3	4	3.31	0.15	20.06	47.01	13.49	0.12	1.37		0.08	3.50	1.76	1.64	0.01				0.03				99.93	6.95
KJC003	MD4087	4	5	4.61	0.19	22.85	44.84	9.99	0.14	4.78		0.04	5.73	0.88	1.35	0.01				0.01				100.40	6.92
KJC003	MD4088	5	6	4.18	0.17	20.72	45.70	8.20	0.18	7.79		0.05	7.65	0.66	0.94	0.01				<0.01				99.30	4.70
KJC003	MD4089	6	7	3.90	0.15	20.28	47.12	7.90	0.15	6.54		0.07	7.48	0.76	1.00	0.01				0.02				99.92	2.90
KJC003	MD4090	7	8	2.84	0.11	18.79	53.02	8.53	0.11	4.40		0.05	5.83	0.57	1.14	0.01				0.06				100.59	4.36
KJC003	MD4091	8	9	2.16	0.09	15.03	54.35	7.29	0.14	6.73		0.04	9.18	1.06	1.03	0.02				0.10				100.35	4.88
KJC003	MD4092	9	10	2.35	0.10	18.08	56.76	4.92	0.11	5.07		0.05	7.15	0.49	0.95	0.01				0.16				100.08	2.94
KJC003	MD4093	10	11	1.86	0.08	15.75	57.98	4.35	0.13	5.70		0.04	9.01	0.81	0.74	0.01				0.19				99.96	3.66
KJC003	MD4094	11	12	0.77	0.04	12.57	64.83	3.03	0.11	4.78		0.03	9.00	0.79	0.55	0.02				0.25				99.93	3.07
KJC003	MD4095	12	13	1.03	0.04	13.64	62.16	2.64	0.12	5.53		0.04	10.15	0.24	0.63	0.02				0.27				100.14	2.97
KJC003	MD4096	13	14	1.40	0.05	15.02	55.54	4.68	0.14	6.26		0.04	11.79	0.27	0.75	0.01				0.31				99.89	3.36
KJC003	MD4097	14	15	0.74	0.04	15.26	54.56	6.50	0.12	5.50		0.03	11.51	0.10	0.86	0.01				0.31				99.88	3.40
KJC003	MD4098	15	16	1.08	0.04	15.92	49.93	9.07	0.13	5.80		0.02	11.99	0.07	0.78	0.01				0.34				100.15	4.05
KJC003	MD4099	16	17	1.04	0.05	15.50	49.82	5.89	0.38	7.18		0.02	14.52	0.37	1.02	0.02				0.31				99.80	4.71
KJC003	MD4101	17	18	2.82	0.09	16.04	50.35	5.03	1.22	6.28		0.02	11.37	0.81	1.22	0.02				0.19				99.54	0.03
KJC003	MD4102	18	19	1.55	0.06	15.98	52.74	6.96	0.29	6.81		0.02	9.50	1.10	0.95	0.03				0.15				99.97	3.48
KJC003	MD4103	19	20	0.83	0.04	13.00	53.69	12.85	0.29	4.46		0.02	7.19	1.95	1.37	0.03				0.13				100.22	3.27
KJC003	MD4104	20	21	0.75	0.04	11.24	55.98	12.83	0.13	6.32		0.02	6.85	1.72	2.21	0.02				0.08				100.37	4.04
KJC003	MD4105	21	22	0.91	0.04	12.59	51.03	13.54	0.16	8.58		0.01	7.46	0.93	2.70	0.03				0.08				99.98	1.95
KJC003	MD4106	22	23	0.81	0.03	11.08	54.31	12.49	0.12	6.05		0.01	7.86	1.84	2.47	0.03				0.10				99.54	1.68
KJC003	MD4107	23	24	0.53	0.02	4.82	68.82	14.44	0.05	2.28		0.01	2.06	1.04	4.38	0.01				0.02				100.15	2.09
KJC003	MD4108	24	25	0.39	0.01	10.35	54.22	19.98	0.05	1.51		0.03	2.34	1.17	3.51	0.02				0.01				100.17	1.51
KJC003	MD4109	25	26	2.05	0.07	23.79	43.59	11.48	0.09	1.40		0.05	7.03	1.54	1.20	0.03				0.35				99.67	6.36
KJC003	MD4110	26	27	0.99	0.03	13.96	48.70	3.11	0.20	7.99		0.02	20.63	0.21	0.47	0.02				0.31				99.72	6.53
KJC003	MD4111	27	28	0.91	0.03	14.91	49.79	2.51	0.16	7.11		0.07	20.27	0.18	0.29	0.01				0.31				99.37	2.87
KJC003	MD4112	28	29	0.67	0.03	15.64	49.49	2.22	0.15	6.81		0.23	20.83	0.19	0.26	0.01				0.33				99.39	2.66
KJC003	MD4113	29	30	0.71	0.03	16.17	48.08	3.31	0.16	6.48		0.08	19.65	0.36	0.69	0.01				0.30				99.63	2.56
KJC003	MD4114	30	31	0.67	0.03	17.19	54.00	2.52	0.16	4.75		0.03	15.48	0.67	0.85	0.02				0.25				100.15	3.29
KJC003	MD4115	31	32	1.01	0.05	16.03	46.62	4.54	0.19	7.21		0.94	18.21	2.08	0.42	0.01				0.28				99.21	3.19
KJC003	MD4116	32	33	1.69	0.07	15.00	46.24	6.63	0.22	12.45		0.31	13.59	0.89	0.68	0.02				0.14				99.59	2.22
KJC003	MD4117	33	34	2.01	0.08	13.95	44.88	9.98	0.21	14.04		0.12	11.11	1.11	0.73	0.02				0.08				99.74	1.63
KJC003	MD4118	34	35	2.48	0.11	16.65	44.16	8.70	0.23	13.69		0.26	10.41	0.81	0.80	0.02				0.05				99.55	1.20
KJC003	MD4119	35	36	3.69	0.14	20.11	41.99	7.77	0.24	13.13		0.98	9.64	0.65	0.74	0.02				0.02				99.76	1.14
KJC003	MD4121	36	37	3.73	0.13	20.64	39.88	8.64	0.26	12.79		2.12	8.96	1.07	0.78	0.02				0.01				99.72	
KJC003	MD4122	37	38	4.42	0.16	22.04	40.05	8.37	0.26	11.72		1.69	8.30	1.33	0.90	0.02				<0.01				99.66	2.47
KJC003	MD4123	38	39	4.53	0.16	22.40	39.12	9.15	0.25	11.48		1.60	8.22	1.64	0.84	0.02				<0.01				100.08	1.77
KJC003	MD4124	39	40	4.72	0.17	26.57	35.90	8.08	0.28	10.05		1.88	7.68	1.02	0.84	0.02				<0.01				99.62	1.94
KJC003	MD4125	40	41	5.22	0.19	26.15	36.08	8.48	0.23	10.58		2.52	7.81	1.47	0.82	0.02				<0.01				99.78	3.98
KJC003	MD4126	41	42	5.29	0.21	25.75	38.51	8.02	0.23	10.72		0.97	7.77	0.90	1.15	0.02				<0.01				99.80	2.39
KJC003	MD4127	42	43	5.34	0.22	27.78	36.68	7.92	0.25	10.26		1.05	7.64	0.83	1.15	0.02				<0.01				99.77	0.90
KJC003	MD4128	43	44	5.03	0.19	23.82	40.17	8.64	0.24	10.49		1.71	7.42	0.95	1.35	0.02				<0.01				100.20	1.39

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC003	MD4129	44	45	4.65	0.14	22.21	36.93	10.20	0.23	10.07		3.77	7.84	2.33	0.86	0.02				<0.01				99.39	1.56
KJC003	MD4130	45	46	4.47	0.11	21.52	32.90	12.96	0.22	10.11		4.97	6.85	3.10	0.46	0.02				<0.01				98.71	3.50
KJC003	MD4131	46	47	4.07	0.10	21.60	32.77	13.74	0.19	9.51		>5.000	6.72	3.53	0.36	0.02				0.01				99.09	5.53
KJC003	MD4132	47	48	2.59	0.11	19.89	35.65	15.40	0.21	9.52		3.83	7.24	3.33	0.65	0.02				0.02				99.23	5.94
KJC003	MD4133	48	49	5.04	0.17	22.98	38.28	9.47	0.22	8.62		4.34	6.87	2.40	1.07	0.02				0.01				99.37	4.18
KJC003	MD4134	49	50	4.71	0.15	23.71	36.91	10.02	0.23	9.05		>5.000	7.21	2.39	0.95	0.02				0.01				99.22	3.62
KJC003	MD4135	50	51	5.63	0.19	26.75	35.82	9.18	0.24	9.06		3.15	6.79	1.98	1.04	0.02				<0.01				99.78	3.40
KJC003	MD4136	51	52	6.07	0.22	28.86	34.19	9.09	0.25	8.70		2.88	6.24	1.90	1.19	0.02				<0.01				99.48	2.68
KJC003	MD4137	52	53	5.39	0.20	28.46	35.54	8.30	0.23	9.03		4.09	6.70	1.52	1.14	0.02				<0.01				99.72	2.27
KJC003	MD4138	53	54	5.20	0.20	29.26	34.81	8.29	0.24	9.04		3.89	6.63	1.17	1.38	0.02				0.01				98.70	2.70
KJC003	MD4139	54	55	5.04	0.21	28.24	36.24	8.42	0.24	9.25		1.65	7.47	1.04	1.34	0.02				0.01				99.62	1.80
KJC003	MD4141	55	56	4.60	0.19	25.69	38.74	9.14	0.22	9.80		2.45	7.17	1.24	1.32	0.02				<0.01				100.39	1.17
KJC003	MD4142	56	57	5.27	0.21	30.21	35.17	8.24	0.23	8.88		2.64	7.13	1.47	1.09	0.02				<0.01				100.38	1.82
KJC003	MD4144	57	58	5.56	0.24	32.26	33.04	7.74	0.24	7.81		3.19	7.48	2.22	0.74	0.02				<0.01				99.84	1.77
KJC003	MD4145	58	29	6.58	0.29	32.97	32.23	8.17	0.26	7.57		1.28	7.40	2.32	0.64	0.02				0.01				99.89	1.90
KJC003	MD4146	59	60	6.52	0.30	36.76	31.02	7.04	0.28	6.60		0.79	8.72	1.61	0.63	0.02				0.03				100.44	0.96
KJC004	MD4147	0	1	2.65	0.12	19.96	29.00	6.61	0.19	10.56		0.23	10.20	0.80	0.81	0.01				0.12				99.70	0.45
KJC004	MD4148	1	2	3.18	0.09	26.56	30.01	7.32	0.24	5.75		0.22	11.70	0.55	1.01	0.02				0.27				99.93	18.18
KJC004	MD4149	2	3	2.56	0.08	32.49	36.48	8.45	0.20	1.15		0.19	9.23	0.33	1.88	0.02				0.51				100.54	12.44
KJC004	MD4150	3	4	2.07	0.07	37.22	37.35	7.14	0.14	0.61		0.20	6.06	0.23	1.87	0.02				0.70				100.46	6.20
KJC004	MD4151	4	5	1.61	0.04	24.50	49.67	4.98	0.44	0.80		0.09	8.94	0.10	1.65	0.02				0.61				99.76	5.76
KJC004	MD4152	5	6	1.63	0.04	25.98	50.96	6.16	0.38	0.64		0.07	5.62	0.07	1.41	0.01				0.62				100.16	5.11
KJC004	MD4153	6	7	1.29	0.04	21.48	62.97	6.11	0.10	0.36		0.12	1.12	0.06	0.51	0.01				0.47				100.42	5.20
KJC004	MD4154	7	8	1.27	0.03	24.17	59.54	6.53	0.11	0.09		0.09	0.90	0.03	0.46	0.01				0.54				100.18	4.94
KJC004	MD4155	8	9	1.18	0.03	24.42	61.00	5.03	0.09	0.08		0.08	0.99	0.03	0.46	0.01				0.54				100.00	5.42
KJC004	MD4156	9	10	1.27	0.04	26.88	59.05	3.74	0.09	0.12		0.08	1.75	0.03	0.62	0.01				0.60				100.32	5.12
KJC004	MD4157	10	11	1.30	0.04	25.35	52.44	8.12	0.07	0.57		0.08	3.37	0.04	0.97	0.01				0.62				100.38	4.92
KJC004	MD4158	11	12	1.33	0.03	26.42	50.18	8.36	0.12	0.28		0.08	4.03	0.05	1.18	0.01				0.61				100.38	6.51
KJC005	MD4159	0	1	5.07	0.23	31.88	32.51	7.70	0.26	5.75		0.08	3.94	0.83	0.76	0.01				0.12				100.13	6.87
KJC005	MD4161	1	2	5.40	0.25	34.28	36.19	9.63	0.24	2.10		0.09	2.94	0.98	0.99	0.01				0.10				100.54	1.37
KJC005	MD4162	2	3	5.83	0.27	34.00	39.49	9.90	0.14	0.40		0.10	2.17	0.88	1.16	0.01				0.07				100.36	6.86
KJC005	MD4163	3	4	8.27	0.38	42.54	36.65	4.03	0.12	0.07		0.09	1.65	0.62	0.88	0.01				0.01				100.16	5.50
KJC005	MD4164	4	5	4.69	0.24	36.25	41.88	6.38	0.05	0.05		0.14	2.04	1.11	0.85	0.01				0.01				100.58	4.65
KJC005	MD4165	5	6	6.66	0.33	39.11	34.62	7.16	0.08	0.04		0.12	3.43	1.95	0.72	0.01				0.01				100.36	6.43
KJC005	MD4166	6	7	8.19	0.39	46.75	29.54	5.64	0.19	0.06		0.09	2.04	0.91	0.66	0.02				0.01				99.96	5.66
KJC005	MD4167	7	8	10.18	0.50	54.26	24.22	4.63	0.22	0.03		0.06	1.21	0.18	0.65	0.02				0.02				100.13	5.05
KJC005	MD4168	8	9	10.45	0.56	60.76	20.38	2.81	0.26	0.01		0.07	0.78	0.07	0.44	0.02				0.06				100.03	3.47
KJC005	MD4169	9	10	6.21	0.32	49.05	29.28	4.48	0.20	0.03		0.09	3.77	0.98	0.75	0.01				0.10				100.33	2.98
KJC005	MD4170	10	11	2.08	0.10	35.50	41.75	5.82	0.10	0.21		0.08	5.50	1.09	1.13	0.01				0.02				99.99	4.69
KJC005	MD4171	11	12	1.61	0.06	28.98	43.27	5.89	0.18	2.65		0.04	10.91	0.93	1.01	0.01				0.01				100.18	6.21
KJC005	MD4172	12	13	1.65	0.05	27.53	44.70	6.54	0.22	3.01		0.04	10.31	0.23	0.78	0.01				0.01				100.08	4.27
KJC005	MD4173	13	14	1.70	0.05	29.21	40.92	11.05	0.14	2.37		0.04	7.62	0.15	0.79	0.01				0.01				100.29	4.64
KJC005	MD4174	14	15	1.54	0.05	28.16	39.34	8.28	0.25	2.76		0.02	12.75	0.06	1.21	0.02				0.01				99.95	5.82
KJC005	MD4175	15	16	1.40	0.04	24.28	41.01	5.10	0.40	4.07		0.01	18.91	0.03	0.60	0.02				0.01				100.21	5.03
KJC005	MD4176	16	17	1.30	0.03	23.68	41.81	4.60	0.28	3.71		0.01	19.99	0.02	0.44	0.01				0.01				100.22	3.96
KJC005	MD4177	17	18	1.20	0.03	21.87	42.05	4.61	0.28	4.81		0.01	20.38	0.01	0.36	0.01				0.01				99.84	4.03
KJC005	MD4178	18	19	1.22	0.03	21.35	42.96	4.43	0.33	4.92		0.01	20.49	0.02	0.32	0.01				0.02				100.30	3.91
KJC005	MD4179	19	20	1.18	0.03	20.42	42.21	5.11	0.25	5.57		0.01	20.65	0.02	0.30	0.01				0.02				100.18	3.89
KJC005	MD4181	20	21	1.13	0.04	21.70	41.75	5.89	0.46	4.73		0.01	18.33	0.40	0.95	0.02				0.02				99.81	-0.07
KJC005	MD4182	21	22	1.27	0.06	29.42	41.58	3.33	0.25	3.93		0.03	14.76	0.03	0.69	0.01				0.26				100.05	3.92
KJC005	MD4183	22	23	1.10	0.04	27.19	44.06	3.78	0.16	2.90		0.03	14.44	0.03	0.78	0.01				0.39				100.35	3.99
KJC005	MD4184	23	24	1.08	0.04	19.71	46.18	4.96	0.14	3.66		0.03	17.66	0.03	0.93	0.01				0.40				100.19	4.89
KJC005	MD4185	24	25	1.22	0.03	21.50	46.73	4.01	0.13	3.15		0.04	16.21	0.03	0.89	0.01				0.48				99.88	4.88
KJC005	MD4186	25	26	1.32	0.04	23.28	45.03	4.18	0.13	3.68		0.04	15.82	0.03	0.95	0.01				0.52				100.48	4.78
KJC005	MD4187	26	27	1.28	0.04	24.14	44.45	4.26	0.13	3.46		0.04	15.20	0.04	0.99	0.01				0.50				100.09	4.83
KJC005	MD4188	27	28	1.15	0.03	20.47	48.91	3.95	0.12	3.69		0.03	15.26	0.03	0.68	0.01				0.46				100.16	4.95
KJC005	MD4189	28	29	0.91	0.03	16.69	56.22	3.22	0.10	3.42		0.02	13.52	0.03	0.40	0.01				0.38				99.73	4.78
KJC005	MD4190	29	30	0.89	0.02	16.28	41.93	3.26	0.27	7.69		0.02	16.53	0.02	0.27	0.01				0.37				99.40	4.32
KJC005	MD4191	30	31	0.90	0.02	16.96	45.36	3.31	0.29	7.23		0.12	16.12	0.02	0.14	0.01				0.37				99.66	11.38
KJC005	MD4192	31	32	0.89	0.02	14.93	40.95	3.25	0.28	10.18		0.19	16.68	0.01	0.12	0.01				0.36				99.81	8.34
KJC005	MD4193	32	33	1.00	0.04	21.70	49.08	3.49	0.16	3.34		0.02	15.80	0.02	0.17	0.01				0.35				100.07	11.50
KJC005	MD4194	33	34	1.09	0.04	21.79	45.40	3.29	0.23	4.97		0.11	17.49	0.02	0.14	0.01				0.32				99.78	4.50

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC005	MD4195	34	35	0.93	0.02	15.19	44.21	5.34	0.23	4.86		0.18	21.10	0.02	0.10	0.01				0.31				99.45	4.55
KJC005	MD4196	35	36	0.98	0.02	14.43	41.66	3.67	0.19	6.76		0.21	22.89	0.02	0.10	0.01				0.35				99.57	6.64
KJC005	MD4197	36	37	0.93	0.02	14.91	39.80	2.75	0.18	4.03		0.21	28.91	0.01	0.10	0.01				0.38				99.42	8.03
KJC005	MD4198	37	38	0.96	0.02	14.80	38.58	2.76	0.18	3.71		0.19	29.53	0.02	0.08	0.01				0.37				99.67	6.95
KJC005	MD4199	38	39	0.92	0.02	14.53	38.50	2.66	0.18	4.14		0.16	28.78	0.01	0.10	0.01				0.37				100.04	8.20
KJC005	MD4201	39	40	0.90	0.02	14.63	37.76	2.56	0.17	3.93		0.13	27.80	0.02	0.11	0.01				0.35				99.61	1.21
KJC005	MD4202	40	41	0.80	0.02	13.80	33.04	2.80	0.25	7.00		0.02	25.11	<0.01	0.06	0.01				0.32				99.42	10.88
KJC005	MD4203	41	42	0.92	0.02	14.25	40.76	3.17	0.19	3.82		0.07	26.08	0.01	0.11	0.01				0.31				99.79	15.79
KJC005	MD4204	42	43	0.94	0.02	16.16	40.05	2.97	0.21	3.63		0.20	29.59	0.01	0.10	0.01				0.38				100.10	9.70
KJC005	MD4205	43	44	0.99	0.03	16.55	38.77	3.72	0.20	4.00		0.17	27.89	0.01	0.12	0.01				0.34				99.78	5.57
KJC005	MD4206	44	45	0.85	0.03	17.47	39.42	3.09	0.21	2.99		0.15	30.88	<0.01	0.06	0.01				0.39				99.77	6.71
KJC005	MD4207	45	46	0.86	0.03	16.50	39.54	2.92	0.21	3.17		0.13	31.33	<0.01	0.07	0.01				0.39				100.19	3.91
KJC005	MD4208	46	47	0.81	0.02	16.79	39.64	2.84	0.21	2.70		0.16	31.44	<0.01	0.05	0.01				0.39				99.85	4.71
KJC005	MD4209	47	48	0.82	0.03	16.50	38.83	2.72	0.21	3.19		0.16	31.54	<0.01	0.08	0.01				0.39				100.46	4.48
KJC005	MD4210	48	49	0.78	0.02	16.08	38.62	2.33	0.20	3.54		0.18	31.47	<0.01	0.10	0.01				0.38				100.25	5.67
KJC005	MD4211	49	50	0.82	0.02	17.24	38.04	2.42	0.21	2.21		0.19	32.69	<0.01	0.05	0.01				0.42				99.69	6.23
KJC005	MD4212	50	51	0.77	0.02	16.70	38.36	2.25	0.20	2.67		0.19	32.21	<0.01	0.06	0.01				0.39				99.80	5.06
KJC005	MD4213	51	52	0.79	0.02	17.09	37.77	2.29	0.21	2.30		0.20	32.89	<0.01	0.06	0.01				0.41				99.79	5.66
KJC005	MD4214	52	53	0.77	0.02	16.88	38.18	2.19	0.20	2.25		0.19	32.78	<0.01	0.06	0.01				0.40				99.51	5.44
KJC005	MD4215	53	54	0.75	0.02	16.56	38.94	2.15	0.20	2.57		0.19	32.42	<0.01	0.07	0.01				0.39				99.58	5.28
KJC005	MD4216	54	55	0.68	0.02	16.89	38.90	2.07	0.19	3.38		0.16	31.18	<0.01	0.09	0.01				0.35				99.32	5.01
KJC005	MD4217	55	56	0.73	0.02	16.55	38.52	2.07	0.20	2.23		0.17	32.83	<0.01	0.06	0.01				0.38				99.56	5.05
KJC005	MD4218	56	57	0.76	0.02	15.78	39.20	2.12	0.19	3.11		0.18	32.01	<0.01	0.07	0.01				0.35				99.28	5.41
KJC005	MD4219	57	58	0.71	0.02	16.40	38.72	1.97	0.19	2.77		0.16	32.41	<0.01	0.06	0.01				0.37				99.55	5.11
KJC005	MD4220	58	59	0.72	0.02	16.10	38.90	1.90	0.20	3.07		0.16	32.53	0.01	0.08	0.01				0.37				100.06	5.41
KJC005	MD4221	59	60	0.68	0.02	14.96	40.22	1.96	0.19	4.79		0.13	30.08	0.02	0.15	0.01				0.33				100.27	5.65
KJC005A	MD4222	0	1	5.27	0.23	30.96	33.75	7.87	0.22	4.89		0.08	5.63	0.85	0.81	0.01				0.09				100.03	6.38
KJC005A	MD4223	1	2	3.79	0.18	25.76	42.12	11.97	0.15	1.33		0.11	5.06	1.09	1.19	0.01				0.08				99.92	8.95
KJC005A	MD4226	2	3	3.73	0.14	22.18	52.41	10.49	0.03	0.71		0.11	2.30	0.59	1.98	0.01				0.02				100.26	1.10
KJC005A	MD4227	3	4	3.70	0.13	20.57	57.72	8.68	0.02	0.84		0.11	1.47	0.25	1.82	<0.01				0.01				100.03	5.30
KJC005A	MD4228	4	5	3.88	0.14	22.06	56.05	9.01	<0.01	1.13		0.11	1.07	0.10	2.12	<0.01				0.01				100.11	4.48
KJC005A	MD4229	5	6	3.95	0.14	21.86	53.81	10.19	0.01	1.32		0.11	1.10	0.12	2.30	0.01				<0.01				99.97	4.20
KJC005A	MD4230	6	7	3.98	0.14	21.48	54.84	10.16	0.01	1.33		0.11	0.96	0.11	2.32	0.01				<0.01				100.29	4.81
KJC005A	MD4231	7	8	3.95	0.14	20.84	55.81	10.11	<0.01	1.14		0.10	0.93	0.12	2.24	<0.01				<0.01				100.24	4.59
KJC005A	MD4232	8	9	3.97	0.15	23.50	50.44	11.83	0.02	1.27		0.12	1.20	0.15	2.36	0.01				<0.01				100.47	4.57
KJC005A	MD4233	9	10	3.93	0.13	18.05	52.38	14.44	<0.01	1.28		0.09	1.43	0.15	2.49	0.01				<0.01				100.38	5.15
KJC005A	MD4234	10	11	3.63	0.13	18.80	51.77	14.16	0.01	1.08		0.08	1.82	0.21	2.34	0.01				<0.01				100.38	5.69
KJC005A	MD4235	11	12	3.72	0.13	19.32	47.78	16.35	0.01	1.07		0.08	1.74	0.32	2.29	0.01				<0.01				99.93	6.08
KJC005A	MD4236	12	13	3.60	0.13	17.46	47.40	18.08	0.01	1.09		0.09	1.84	0.41	2.10	0.01				<0.01				100.14	6.82
KJC005A	MD4237	13	14	3.45	0.12	18.66	46.79	18.12	0.01	1.14		0.10	1.65	0.33	2.13	0.01				<0.01				100.40	7.62
KJC005A	MD4238	14	15	3.71	0.13	18.05	46.47	17.02	0.05	2.74		0.06	2.59	0.63	2.23	0.01				<0.01				100.07	7.54
KJC005A	MD4239	15	16	3.32	0.12	16.84	48.39	14.09	0.36	5.10		0.03	3.83	0.99	2.50	0.01				<0.01				99.74	6.03
KJC005A	MD4241	16	17	2.95	0.11	14.07	52.15	14.29	0.22	5.44		0.02	3.86	1.41	2.85	0.02				<0.01				100.25	-0.60
KJC005A	MD4242	17	18	3.30	0.11	15.70	49.82	13.56	0.25	6.11		0.02	4.14	1.17	2.62	0.01				<0.01				99.95	2.51
KJC005A	MD4243	18	19	3.50	0.11	16.72	48.12	12.73	0.19	7.59		0.02	4.53	0.99	2.41	0.01				<0.01				99.74	2.77
KJC005A	MD4244	19	20	3.41	0.11	17.14	48.21	12.72	0.18	7.29		0.02	4.65	1.13	2.41	0.01				<0.01				99.85	2.54
KJC005A	MD4245	20	21	3.42	0.12	18.17	46.30	12.61	0.19	8.89		0.02	5.10	0.97	2.38	0.01				<0.01				100.20	2.28
KJC005A	MD4246	21	22	3.31	0.12	16.50	46.18	13.31	0.18	10.05		0.02	5.47	0.88	2.54	0.01				<0.01				100.13	1.72
KJC005A	MD4247	22	23	3.30	0.11	16.02	46.37	12.96	0.18	10.72		0.11	5.84	0.90	2.40	0.01				<0.01				100.12	1.26
KJC005A	MD4248	23	24	3.24	0.11	16.64	46.16	12.94	0.22	10.16		0.02	5.74	1.13	2.31	0.01				<0.01				100.30	0.97
KJC005A	MD4249	24	25	3.16	0.11	16.38	45.59	12.52	0.18	10.24		0.40	6.09	1.04	2.43	0.01				0.01				99.43	1.28
KJC005A	MD4250	25	26	3.32	0.11	17.23	44.10	12.37	0.19	11.14		0.51	5.96	0.82	2.41	0.01				<0.01				99.58	1.37
KJC005A	MD4251	26	27	3.36	0.11	17.06	44.98	12.67	0.19	11.23		0.49	6.25	0.66	2.43	0.01				<0.01				100.24	1.63
KJC005A	MD4252	27	28	3.30	0.11	17.00	45.30	12.81	0.19	11.43		0.33	6.25	0.61	2.43	0.01				<0.01				100.48	0.94
KJC005A	MD4253	28	29	3.19	0.11	16.75	45.57	12.66	0.19	11.14		0.43	6.15	0.68	2.39	0.01				<0.01				100.11	0.70
KJC005A	MD4254	29	30	3.32	0.11	16.68	45.15	12.62	0.19	11.43		0.36	6.29	0.64	2.37	0.01				<0.01				99.95	0.94
KJC005A	MD4255	30	31	3.27	0.11	17.13	42.93	13.45	0.20	11.43		0.63	6.51	1.40	2.02	0.01				<0.01				99.99	0.80
KJC005A	MD4256	31	32	3.13	0.10	15.89	44.84	13.46	0.18	10.60		0.59	6.02	0.85	2.57	0.01				<0.01				99.60	1.18
KJC005A	MD4257	32	33	2.99	0.10	17.57	43.78	12.55	0.23	10.73		0.27	6.19	0.69	2.24	0.01				<0.01				99.56	1.64
KJC005A	MD4258	33	34	3.12	0.11	16.32	45.37	12.79	0.19	11.38		0.35	6.35	0.80	2.40	0.01				<0.01				100.00	2.15
KJC005A	MD4259	34	35	2.97	0.10	15.79	45.27	13.29	0.18	10.77		0.88	6.22	1.15	2.44	0.01				<0.01				99.80	0.83
KJC005A	MD4261	35	36	3.06	0.11	16.23	45.21	12.78	0.19	11.04		0.59	6.16	1.03	2.34	0.01				<0.01				99.72	-0.08

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC005A	MD4262	36	37	2.74	0.08	14.85	45.50	14.03	0.17	9.45		1.57	5.67	2.14	2.41	0.01				<0.01				99.22	1.22
KJC005A	MD4263	37	38	2.90	0.10	16.27	44.84	13.01	0.19	10.53		0.73	6.19	1.60	2.07	0.01				<0.01				99.60	1.81
KJC005A	MD4264	38	39	2.82	0.10	15.81	45.46	13.22	0.17	10.80		1.01	5.80	1.28	2.27	0.01				<0.01				99.50	1.56
KJC005A	MD4265	39	40	2.87	0.10	15.23	46.10	13.47	0.18	10.77		0.66	5.84	0.98	2.55	0.01				<0.01				99.50	1.42
KJC005A	MD4266	40	41	3.11	0.11	16.27	45.17	12.69	0.19	11.18		0.39	6.25	0.73	2.38	0.01				<0.01				99.39	1.07
KJC005A	MD4267	41	42	2.89	0.10	15.37	48.71	11.97	0.18	10.53		0.40	5.94	0.80	2.25	0.01				<0.01				100.14	0.99
KJC005A	MD4268	42	43	2.90	0.10	16.61	45.23	12.70	0.18	11.08		0.35	6.39	0.72	2.39	0.01				<0.01				100.23	1.08
KJC005A	MD4269	43	44	3.54	0.13	18.28	45.29	11.38	0.19	10.14		0.72	6.16	0.87	2.07	0.01				<0.01				99.78	1.57
KJC005A	MD4270	44	45	4.43	0.17	22.62	40.24	10.74	0.24	10.43		1.38	6.44	0.85	1.92	0.01				<0.01				100.20	1.41
KJC005A	MD4271	45	46	4.22	0.15	20.50	42.46	11.32	0.21	11.20		0.55	6.58	0.68	2.07	0.01				<0.01				100.40	1.83
KJC005A	MD4272	46	47	3.35	0.12	17.04	46.25	12.00	0.19	10.73		0.67	6.14	0.89	2.20	0.01				<0.01				100.24	0.70
KJC005A	MD4273	47	48	3.77	0.13	19.43	43.05	11.89	0.20	10.78		0.86	6.23	0.78	2.21	0.01				<0.01				100.21	1.04
KJC006	MD4274	0	1	3.49	0.15	22.30	41.94	12.79	0.18	3.92		0.12	3.18	1.46	1.21	0.01				0.05				99.86	1.41
KJC006	MD4275	1	2	2.50	0.13	19.49	47.21	16.43	0.09	0.66		0.11	2.56	1.66	1.53	0.01				0.04				99.87	8.75
KJC006	MD4276	2	3	2.32	0.13	19.79	47.14	16.75	0.06	0.39		0.15	2.36	1.56	1.50	0.01				0.04				100.01	7.01
KJC006	MD4277	3	4	2.22	0.09	15.16	51.74	16.00	0.06	1.73		0.09	2.77	1.85	2.60	0.01				0.03				99.88	7.39
KJC006	MD4278	4	5	2.25	0.06	12.56	56.55	14.85	0.04	1.77		0.07	3.01	1.94	2.58	0.01				0.01				99.94	5.16
KJC006	MD4279	5	6	3.71	0.09	21.87	56.97	7.62	0.02	0.15		0.14	1.68	0.40	1.30	0.01				0.02				100.21	3.97
KJC006	MD4281	6	7	5.51	0.09	26.12	45.06	10.75	0.13	0.18		0.17	1.60	0.18	1.07	0.01				0.01				99.95	1.26
KJC006	MD4282	7	8	4.81	0.09	34.02	39.03	11.35	0.20	0.21		0.17	1.13	0.24	0.89	0.01				<0.01				99.97	8.72
KJC006	MD4283	8	9	4.76	0.08	19.19	48.48	15.46	0.03	0.03		0.14	1.79	0.36	1.12	0.01				<0.01				100.03	7.50
KJC006	MD4284	9	10	3.05	0.09	15.74	49.63	18.48	0.02	0.06		0.11	1.85	1.26	1.21	0.01				0.01				100.10	8.28
KJC006	MD4285	10	11	3.88	0.10	19.92	46.69	15.58	0.02	0.06		0.13	2.60	0.92	1.24	0.01				0.05				99.70	8.32
KJC006	MD4286	11	12	3.39	0.08	18.18	50.41	12.97	0.06	2.12		0.09	3.87	0.57	1.13	0.01				0.11				99.93	8.22
KJC006	MD4287	12	13	1.79	0.04	18.99	47.43	8.42	0.15	4.45		0.03	11.60	1.13	1.14	0.01				0.24				99.60	6.68
KJC006	MD4288	13	14	1.53	0.04	17.52	49.39	6.57	0.18	6.08		0.02	13.39	0.19	0.87	0.01				0.26				99.63	3.93
KJC006	MD4289	14	15	1.31	0.04	16.48	51.29	6.67	0.16	6.37		0.03	12.42	0.27	0.96	0.01				0.26				99.57	3.36
KJC006	MD4290	15	16	1.83	0.05	14.88	50.60	7.15	0.18	9.19		0.02	11.89	0.35	0.96	0.01				0.29				99.80	3.09
KJC006	MD4291	16	17	2.34	0.08	15.02	49.65	9.35	0.20	8.52		0.02	9.44	0.57	1.27	0.01				0.12				99.63	2.17
KJC006	MD4292	17	18	2.35	0.08	15.15	48.93	9.36	0.25	9.75		0.02	9.50	0.65	1.09	0.01				0.11				100.01	2.77
KJC006	MD4293	18	19	2.48	0.10	16.09	47.96	8.34	0.23	11.91		0.02	9.33	0.36	0.93	0.01				0.07				100.14	2.47
KJC006	MD4294	19	20	2.80	0.12	17.47	46.40	6.80	0.30	12.28		0.02	9.89	0.36	0.85	0.01				0.08				99.44	2.01
KJC006	MD4295	20	21	3.20	0.14	19.45	45.03	6.96	0.26	12.20		0.02	9.33	0.34	0.94	0.01				0.04				99.97	1.78
KJC006	MD4296	21	22	3.05	0.11	16.82	47.29	9.96	0.24	11.13		0.02	7.41	0.54	1.85	0.01				0.02				100.02	1.75
KJC006	MD4297	22	23	3.41	0.12	17.50	46.45	11.37	0.21	10.33		0.02	6.22	0.69	2.13	0.01				0.01				100.34	1.27
KJC006	MD4298	23	24	3.73	0.13	18.69	45.46	11.91	0.20	9.84		0.02	5.69	0.66	2.41	0.01				0.01				100.28	1.56
KJC006	MD4299	24	25	4.50	0.15	20.29	43.70	11.95	0.20	8.47		0.04	5.18	0.99	2.54	0.01				<0.01				99.93	1.23
KJC006	MD4301	25	26	4.12	0.14	19.35	44.59	12.48	0.19	9.12		0.60	5.22	0.69	2.58	0.02				<0.01				100.11	0.95
KJC006	MD4302	26	27	3.78	0.13	18.03	44.48	12.55	0.20	10.79		0.63	5.97	0.73	2.38	0.01				<0.01				100.28	1.26
KJC006	MD4303	27	28	3.45	0.12	17.31	45.91	12.11	0.20	10.94		0.28	6.04	0.57	2.44	0.02				0.01				100.12	0.97
KJC006	MD4304	28	29	3.25	0.11	16.54	45.05	12.65	0.19	10.83		0.63	6.08	1.09	2.29	0.01				<0.01				99.44	0.73
KJC006	MD4305	29	30	3.32	0.11	16.97	45.22	12.48	0.19	11.17		0.36	6.32	0.70	2.31	0.01				0.01				100.13	1.05
KJC006	MD4306	30	31	3.19	0.11	16.77	44.93	12.48	0.19	11.39		0.31	6.39	0.63	2.33	0.01				<0.01				99.52	0.99
KJC006	MD4307	31	32	3.11	0.10	16.06	45.22	12.96	0.19	11.18		0.66	6.26	1.00	2.34	0.01				<0.01				99.76	0.77
KJC006	MD4308	32	33	2.96	0.10	18.19	43.56	12.63	0.24	10.55		0.60	5.97	0.92	2.37	0.01				<0.01				100.28	1.01
KJC006	MD4309	33	34	3.84	0.14	19.26	43.21	11.80	0.20	11.14		0.56	6.41	0.64	2.23	0.01				<0.01				100.17	2.43
KJC006	MD4310	34	35	3.51	0.13	18.01	44.73	12.17	0.19	10.90		0.64	6.19	0.80	2.26	0.01				<0.01				100.19	0.98
KJC006	MD4311	35	36	3.14	0.11	16.72	43.74	13.18	0.18	10.76		1.27	6.02	1.74	1.83	0.01				<0.01				99.57	0.98
KJC006	MD4312	36	37	3.17	0.12	17.25	44.41	12.90	0.18	11.08		0.64	6.11	1.28	1.97	0.01				<0.01				99.99	1.80
KJC006	MD4313	37	38	3.37	0.13	17.33	44.90	12.40	0.19	10.75		0.56	6.18	1.15	2.12	0.01				<0.01				99.89	1.16
KJC006	MD4314	38	39	5.67	0.21	23.24	39.17	8.62	0.23	10.19		1.79	7.71	1.55	1.16	0.02				<0.01				99.87	1.03
KJC006	MD4315	39	40	6.05	0.26	31.28	34.21	6.29	0.25	10.51		1.68	8.08	0.42	0.78	0.02				<0.01				99.85	1.73
KJC006	MD4316	40	41	5.86	0.25	28.78	35.45	7.01	0.25	10.68		1.05	8.21	0.85	0.91	0.02				<0.01				99.64	1.42
KJC006	MD4317	41	42	6.43	0.34	44.60	24.07	4.47	0.28	3.44		1.04	12.52	0.44	0.13	0.02				0.09				99.62	1.05
KJC006	MD4318	42	43	5.76	0.26	28.74	36.46	6.74	0.24	10.82		0.69	8.31	0.84	0.89	0.02				<0.01				99.84	2.23
KJC006	MD4319	43	44	4.03	0.21	34.87	32.58	4.55	0.29	3.82		0.73	15.79	0.63	0.14	0.02				0.07				99.48	0.45
KJC006	MD4321	44	45	3.61	0.18	32.48	35.02	4.64	0.28	3.90		0.60	16.63	0.49	0.15	0.02				0.06				100.17	4.47
KJC006	MD4322	45	46	5.70	0.27	27.82	36.42	6.17	0.24	9.51		4.62	7.61	1.11	0.90	0.02				0.01				99.29	2.33
KJC006	MD4323	46	47	1.53	0.05	22.52	45.39	4.34	0.26	3.84		0.30	18.19	0.12	0.11	0.01				0.02				99.82	2.71
KJC006	MD4324	47	48	25.26	0.51	63.58	4.85	2.84	0.42	0.50		0.06	2.07	0.05	0.02	0.04				0.04				99.97	3.13
KJC006	MD4325	48	49	1.44	0.04	22.11	41.60	4.67	0.28	4.85		0.45	21.22	0.06	0.16	0.02				0.01				100.20	-0.47
KJC006	MD4326	49	50	5.19	0.24	26.22	37.55	7.51	0.23	10.35		2.31	7.75	1.20	1.16	0.02				<0.01				99.80	3.32

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC006	MD4327	50	51	1.20	0.02	22.75	42.09	4.33	0.26	3.70		0.68	21.78	0.01	0.06	0.01				0.01				100.23	1.75
KJC006	MD4328	51	52	6.53	0.30	32.18	32.99	6.87	0.25	9.91		1.30	7.82	0.80	0.93	0.02				<0.01				99.59	3.44
KJC006	MD4329	52	53	1.10	0.03	20.24	43.64	4.43	0.26	6.47		0.67	20.06	0.02	0.12	0.01				0.03				100.16	0.61
KJC006	MD4330	53	54	6.40	0.31	33.77	32.66	6.85	0.25	9.30		1.67	7.50	1.12	0.80	0.02				<0.01				100.24	3.29
KJC006	MD4331	54	55	1.21	0.04	15.41	46.96	5.00	0.21	10.27		0.29	17.78	0.24	0.41	0.01				0.23				99.67	0.86
KJC006	MD4332	55	56	8.11	0.41	41.08	25.69	5.96	0.25	7.55		2.71	6.56	1.70	0.52	0.02				0.01				99.66	1.55
KJC006	MD4333	56	57	1.12	0.03	18.10	45.02	4.99	0.23	7.37		0.44	19.09	0.18	0.24	0.01				0.11				99.80	1.26
KJC006	MD4334	57	58	8.00	0.43	46.12	23.00	5.36	0.28	4.61		1.98	8.97	1.39	0.45	0.02				0.04				99.76	2.90
KJC006	MD4335	58	59	1.06	0.04	14.84	46.30	4.44	0.23	11.72		0.22	17.38	0.17	0.38	0.01				0.24				99.36	0.55
KJC006	MD4336	59	60	7.33	0.39	46.71	22.25	4.79	0.27	3.68		1.73	10.36	1.17	0.24	0.02				0.07				99.72	2.24
KJC007	MD4337	0	1	1.44	0.05	20.73	46.89	17.60	0.07	1.10		0.12	1.26	0.29	0.68	<0.01				0.19				99.98	1.81
KJC007	MD4338	1	2	0.85	0.02	9.75	61.39	17.86	0.02	0.24		0.08	0.87	0.10	0.39	<0.01				0.05				99.58	9.21
KJC007	MD4339	2	3	1.23	0.02	13.96	56.96	16.78	0.02	0.24		0.09	1.50	0.20	0.75	0.01				0.09				100.03	7.76
KJC007	MD4341	3	4	1.29	0.03	18.05	53.67	14.76	0.01	0.12		0.10	1.73	0.43	1.13	0.02				0.15				100.07	7.99
KJC007	MD4342	4	5	1.21	0.04	16.93	56.13	14.34	0.01	0.11		0.09	1.55	0.61	1.05	0.02				0.13				100.26	8.05
KJC007	MD4343	5	6	1.10	0.04	14.67	53.05	17.19	0.02	1.59		0.07	2.33	1.25	1.53	0.01				0.13				100.04	7.60
KJC007	MD4344	6	7	0.99	0.04	13.32	53.13	16.17	0.07	2.86		0.07	3.92	1.16	1.03	0.01				0.12				99.82	6.68
KJC007	MD4345	7	8	0.94	0.04	13.07	50.16	19.28	0.06	2.81		0.05	3.50	1.36	1.10	0.01				0.11				100.07	6.68
KJC007	MD4346	8	9	0.93	0.04	12.82	51.27	17.11	0.08	4.60		0.04	4.45	0.91	1.56	0.01				0.11				99.70	7.26
KJC007	MD4347	9	10	0.91	0.05	12.51	51.11	15.31	0.12	6.36		0.04	6.11	1.02	1.38	0.01				0.11				99.60	5.47
KJC007	MD4348	10	11	0.89	0.04	12.45	50.44	14.33	0.13	7.34		0.03	7.42	1.16	1.67	0.01				0.10				99.36	4.34
KJC007	MD4349	11	12	0.88	0.04	12.34	51.50	13.67	0.14	7.96		0.02	7.67	0.86	1.53	0.01				0.10				99.64	3.11
KJC007	MD4350	12	13	0.86	0.05	12.46	51.97	13.85	0.13	7.34		0.03	7.07	1.18	1.36	0.01				0.11				100.16	2.71
KJC007	MD4351	13	14	0.95	0.04	12.85	50.75	15.15	0.12	6.41		0.02	6.51	1.10	1.35	0.01				0.12				100.08	3.53
KJC007	MD4352	14	15	0.93	0.04	12.96	51.35	15.21	0.12	5.40		0.03	5.86	1.46	1.62	0.01				0.11				99.81	4.47
KJC007	MD4353	15	16	1.04	0.03	14.10	52.35	16.61	0.05	3.36		0.04	3.32	0.89	1.92	0.01				0.13				100.05	4.43
KJC007	MD4354	16	17	0.96	0.03	11.69	57.89	15.81	0.03	2.61		0.03	2.24	1.20	2.42	0.01				0.09				99.88	5.87
KJC007	MD4355	17	18	0.93	0.03	11.95	56.50	16.21	0.05	3.26		0.03	3.10	1.08	2.14	0.01				0.09				100.53	4.59
KJC007	MD4356	18	19	1.29	0.04	16.57	51.61	16.76	0.02	0.97		0.05	1.96	1.34	1.73	0.02				0.15				100.23	4.89
KJC007	MD4357	19	20	1.23	0.03	17.54	48.91	19.06	0.02	0.13		0.06	1.50	0.87	1.37	0.02				0.14				100.33	7.43
KJC007	MD4358	20	21	0.87	0.05	16.19	51.74	17.32	0.47	0.16		0.09	1.53	0.67	1.34	0.01				0.11				99.61	9.07
KJC007	MD4359	21	22	0.89	0.03	14.31	52.68	17.83	0.54	0.14		0.07	1.82	0.80	1.32	0.01				0.11				99.61	8.56
KJC007	MD4360	22	23	0.94	0.03	15.10	50.50	19.53	0.56	0.12		0.06	1.79	0.37	1.21	0.02				0.10				100.62	8.58
KJC007	MD4361	23	24	0.97	0.03	15.66	48.39	19.79	0.87	0.21		0.06	2.16	0.57	1.27	0.02				0.13				100.49	9.75
KJC007	MD4362	24	25	0.89	0.03	14.37	54.01	17.89	0.26	0.20		0.07	2.27	0.16	1.42	0.01				0.11				100.85	9.69
KJC007	MD4363	25	26	0.92	0.03	14.22	53.52	17.89	0.05	0.14		0.08	1.96	0.31	1.43	0.01				0.13				99.74	8.70
KJC007	MD4364	26	27	0.89	0.04	15.02	54.47	17.18	0.19	0.13		0.08	1.72	0.44	1.37	0.02				0.11				100.52	8.62
KJC007	MD4365	27	28	0.87	0.06	18.65	48.71	17.03	0.83	0.13		0.09	1.38	0.84	1.43	0.02				0.11				99.68	8.38
KJC007	MD4366	28	29	0.80	0.04	15.38	53.32	17.48	0.16	0.14		0.08	1.51	0.90	1.42	0.02				0.05				100.01	8.87
KJC007	MD4367	29	30	1.02	0.04	16.02	49.82	19.43	0.13	0.17		0.08	1.35	1.98	1.42	0.02				0.12				100.79	8.29
KJC008	MD4368	0	1	7.88	0.43	49.03	25.93	8.23	0.22	0.27		0.08	0.95	0.14	0.47	0.01				0.04				99.66	8.67
KJC008	MD4369	1	2	10.87	0.58	57.39	17.91	6.34	0.26	0.90		0.53	0.61	0.09	0.37	0.01				0.02				100.65	5.61
KJC008	MD4370	2	3	11.40	0.61	60.21	14.61	5.47	0.28	1.13		0.68	0.53	0.04	0.32	0.01				0.02				99.82	4.84
KJC008	MD4371	3	4	7.99	0.45	56.98	22.29	4.98	0.24	0.11		0.14	0.41	0.03	0.27	0.02				0.03				99.95	4.76
KJC008	MD4372	4	5	8.74	0.49	53.20	20.48	8.66	0.25	0.15		0.15	0.60	0.05	0.45	0.02				0.04				99.83	5.66
KJC008	MD4373	5	6	2.47	0.16	29.85	37.80	17.16	0.08	0.18		0.16	0.75	0.07	0.88	0.02				0.05				100.55	6.07
KJC008	MD4374	6	7	9.91	0.55	62.41	15.00	5.98	0.24	0.10		0.10	0.57	0.03	0.34	0.02				0.02				100.57	10.01
KJC008	MD4375	7	8	12.91	0.70	63.60	11.78	6.29	0.26	0.04		0.07	0.59	0.02	0.27	0.02				0.02				99.86	4.75
KJC008	MD4376	8	9	13.64	0.75	66.48	9.62	5.60	0.26	0.03		0.06	0.63	0.01	0.23	0.02				0.02				100.08	2.94
KJC008	MD4377	9	10	14.15	0.76	64.36	10.43	5.86	0.25	0.04		0.05	0.69	0.01	0.28	0.03				0.02				99.49	2.40
KJC008	MD4378	10	11	15.28	0.77	65.66	9.06	5.23	0.27	0.03		0.07	0.72	0.01	0.25	0.03				0.05				100.15	2.23
KJC008	MD4379	11	12	4.08	0.26	45.67	38.88	3.88	0.12	0.03		0.09	0.36	0.01	0.22	0.02				0.25				99.70	2.39
KJC008	MD4380	12	13	2.65	0.18	56.60	20.93	7.91	0.16	0.06		0.12	0.55	0.02	0.45	0.04				1.09				99.99	5.28
KJC008	MD4381	13	14	1.64	0.15	59.07	19.68	6.69	0.21	0.06		0.10	0.50	0.03	0.50	0.03				0.66				99.72	8.25
KJC008	MD4382	14	15	3.22	0.15	39.97	33.14	10.14	1.26	0.15		0.08	1.42	0.10	1.06	0.03				0.17				99.99	9.25
KJC008	MD4383	15	16	9.06	0.51	60.68	16.02	5.44	0.32	0.07		0.04	2.84	0.03	0.53	0.03				0.10				100.19	7.43
KJC008	MD4384	16	17	11.28	0.64	62.18	12.54	4.78	0.33	0.05		0.03	3.53	0.02	0.42	0.04				0.07				99.38	3.76
KJC008	MD4385	17	18	12.94	0.72	66.72	8.97	3.97	0.38	0.03		0.02	3.54	0.01	0.32	0.03				0.08				99.93	2.91
KJC008	MD4386	18	19	13.00	0.72	64.58	9.80	4.20	0.37	0.10		0.03	3.83	0.02	0.35	0.03				0.10				99.62	1.79
KJC008	MD4387	19	20	7.63	0.43	56.02	18.93	4.72	1.02	0.12		0.04	3.15	0.06	0.66	0.10				0.18				99.55	2.09
KJC008	MD4388	20	21	6.87	0.41	56.28	20.76	4.25	0.74	0.26		0.05	4.16	0.05	0.60	0.03				0.15				99.23	4.99
KJC008	MD4389	21	22	5.40	0.33	50.53	29.50	3.03	0.83	0.13		0.03	3.60	0.06	0.75	0.03				0.19				99.74	3.64

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC008	MD4390	22	23	1.54	0.06	38.96	38.01	4.04	0.25	0.95		0.04	7.60	0.08	1.09	0.03				0.03				99.56	4.27
KJC008	MD4391	23	24	1.38	0.06	35.88	40.18	4.03	0.41	1.51		0.04	8.75	0.08	1.12	0.03				0.04				99.81	5.87
KJC008	MD4392	24	25	1.16	0.05	32.36	45.78	3.16	0.38	1.79		0.04	8.30	0.09	1.00	0.02				0.04				100.00	5.42
KJC008	MD4393	25	26	0.97	0.03	31.17	46.93	3.28	0.24	1.84		0.03	8.96	0.07	0.98	0.02				0.02				100.14	5.22
KJC008	MD4394	26	27	0.93	0.04	30.03	48.86	3.01	0.50	1.59		0.03	8.06	0.08	0.88	0.02				0.03				99.69	5.05
KJC008	MD4395	27	28	0.92	0.03	28.39	50.94	2.58	0.22	2.22		0.02	8.86	0.07	0.85	0.02				0.04				100.26	5.12
KJC008	MD4396	28	29	1.11	0.03	27.23	51.03	3.05	0.43	2.18		0.03	9.03	0.08	0.89	0.02				0.07				100.29	4.62
KJC008	MD4397	29	30	1.52	0.05	21.23	44.35	4.41	0.38	6.25		0.02	16.36	0.06	0.69	0.01				0.24				100.29	4.61
KJC008	MD4398	30	31	1.20	0.03	25.56	46.27	4.08	0.31	3.52		0.03	12.75	0.07	0.92	0.02				0.16				100.36	4.26
KJC008	MD4399	31	32	1.45	0.03	26.70	45.03	4.53	0.40	2.31		0.03	12.43	0.07	1.02	0.02				0.11				99.98	4.86
KJC008	MD4400	32	33	1.41	0.04	29.11	44.25	4.45	0.82	1.55		0.04	10.40	0.08	1.05	0.01				0.35				99.79	5.22
KJC008	MD4401	33	34	1.38	0.04	23.17	51.04	6.20	0.87	1.06		0.03	8.32	0.27	1.10	0.02				0.29				99.86	5.52
KJC008	MD4402	34	35	1.28	0.05	16.42	50.08	12.93	0.26	7.17		0.01	6.14	0.49	2.48	0.01				0.06				99.99	5.28
KJC008	MD4403	35	36	1.16	0.04	16.75	48.33	13.32	0.23	5.74		0.02	7.46	0.98	2.14	0.02				0.05				100.03	2.28
KJC009	MD4404	0	1	2.87	0.14	26.57	41.99	11.59	0.24	2.46		0.09	3.95	0.74	1.08	0.02				0.12				100.00	3.35
KJC009	MD4405	1	2	6.32	0.30	36.54	38.04	10.07	0.19	0.22		0.08	1.43	0.34	0.96	0.01				0.05				100.47	7.63
KJC009	MD4407	2	3	7.15	0.34	39.54	37.00	8.37	0.19	0.07		0.07	0.97	0.13	0.80	0.01				0.01				99.99	1.17
KJC009	MD4408	3	4	8.72	0.44	45.19	31.80	7.42	0.24	0.05		0.06	0.79	0.08	0.70	0.02				0.01				100.02	4.94
KJC009	MD4409	4	5	7.56	0.37	40.80	34.72	8.51	0.21	0.09		0.05	1.12	0.08	0.93	0.02				0.01				99.81	4.16
KJC009	MD4410	5	6	7.09	0.36	38.98	33.77	9.50	0.21	1.25		0.04	2.43	0.09	0.89	0.02				<0.01				99.97	4.88
KJC009	MD4411	6	7	7.61	0.39	39.88	31.15	8.21	0.22	2.36		0.04	3.57	0.11	0.90	0.02				0.01				99.75	4.93
KJC009	MD4412	7	8	7.88	0.37	42.31	31.38	8.11	0.23	0.53		0.03	2.00	0.07	1.10	0.02				<0.01				99.80	4.91
KJC009	MD4413	8	9	7.33	0.33	43.30	31.09	7.67	0.61	0.27		0.04	1.68	0.07	1.12	0.02				<0.01				99.83	5.24
KJC009	MD4414	9	10	7.01	0.31	44.13	31.32	7.58	0.36	0.49		0.03	2.54	0.08	1.13	0.02				0.01				100.60	5.61
KJC009	MD4415	10	11	5.74	0.17	34.39	39.75	8.66	0.19	0.27		0.04	1.98	0.13	1.49	0.02				0.01				99.55	5.01
KJC009	MD4416	11	12	4.33	0.14	36.25	40.33	7.64	0.35	0.26		0.04	1.68	0.13	1.37	0.02				0.04				100.08	6.12
KJC009	MD4417	12	13	4.38	0.11	32.38	44.06	7.87	0.23	0.30		0.04	1.77	0.11	1.54	0.02				0.04				100.05	6.91
KJC009	MD4418	13	14	3.76	0.10	26.55	49.43	9.03	0.25	0.22		0.04	1.73	0.15	1.51	0.02				0.10				99.80	6.59
KJC009	MD4419	14	15	3.34	0.19	40.45	35.45	8.57	0.24	0.15		0.05	1.17	0.08	1.06	0.02				0.24				100.04	6.31
KJC009	MD4421	15	16	7.09	0.31	37.28	33.37	8.53	1.14	0.26		0.05	1.77	0.13	1.27	0.03				0.23				99.84	-0.11
KJC009	MD4422	16	17	7.44	0.29	39.50	35.65	7.23	0.43	0.32		0.02	1.64	0.11	1.29	0.02				0.04				100.47	7.25
KJC009	MD4423	17	18	1.77	0.12	29.17	43.21	10.91	0.61	1.22		0.03	2.40	0.46	1.40	0.03				0.05				99.63	5.81
KJC009	MD4424	18	19	3.41	0.17	27.32	43.30	11.34	1.46	0.59		0.03	2.27	0.29	1.60	0.03				0.04				100.42	7.42
KJC009	MD4425	19	20	0.91	0.08	24.71	44.10	14.69	1.19	0.31		0.03	1.92	0.54	1.47	0.02				0.09				99.52	7.55
KJC009	MD4426	20	21	2.19	0.08	24.42	46.63	8.60	0.41	3.42		0.03	5.97	0.16	1.40	0.02				0.36				99.95	8.64
KJC009	MD4427	21	22	2.32	0.09	26.92	43.36	5.61	0.58	5.63		0.03	9.07	0.13	1.20	0.02				0.26				99.91	5.54
KJC009	MD4428	22	23	2.38	0.11	26.91	44.27	5.78	0.43	6.19		0.03	7.65	0.23	1.15	0.02				0.10				99.87	4.06
KJC009	MD4429	23	24	2.28	0.11	25.54	45.01	5.38	0.33	7.42		0.02	8.56	0.19	1.03	0.02				0.09				100.00	4.15
KJC009	MD4430	24	25	5.86	0.24	35.24	37.49	6.87	0.30	2.75		0.03	4.54	0.18	1.30	0.02				0.02				99.90	3.64
KJC009	MD4431	25	26	4.99	0.23	37.75	34.78	5.68	0.47	3.57		0.02	7.28	0.08	0.94	0.02				0.05				100.07	4.57
KJC009	MD4432	26	27	7.11	0.33	35.73	36.63	6.56	0.42	2.77		0.02	4.62	0.17	1.22	0.03				0.01				100.01	3.64
KJC009	MD4433	27	28	5.54	0.27	32.67	37.30	6.14	0.37	6.23		0.02	6.92	0.22	1.15	0.02				0.01				99.93	3.87
KJC009	MD4434	28	29	5.40	0.27	32.29	36.77	5.32	0.38	7.75		0.02	8.14	0.19	1.01	0.02				0.01				99.92	2.57
KJC009	MD4435	29	30	8.13	0.43	43.56	27.11	4.60	0.26	4.96		0.02	7.72	0.07	0.58	0.02				0.01				99.89	1.90
KJC009	MD4436	30	31	7.57	0.40	49.78	23.94	3.89	0.23	2.47		0.02	6.91	0.04	0.40	0.02				<0.01				100.10	2.04
KJC009	MD4437	31	32	7.00	0.37	40.85	27.46	3.90	0.23	6.42		0.47	9.48	0.05	0.32	0.02				0.01				99.57	3.89
KJC009	MD4438	32	33	7.60	0.40	44.71	25.53	4.29	0.32	4.96		0.40	8.21	0.04	0.35	0.02				0.01				99.76	2.82
KJC009	MD4439	33	34	7.86	0.42	46.77	23.69	4.24	0.39	4.73		0.42	8.09	0.04	0.30	0.02				0.01				99.79	2.92
KJC009	MD4441	34	35	8.30	0.45	48.19	23.09	4.11	0.37	3.89		0.46	7.77	0.04	0.26	0.02				0.01				99.87	1.19
KJC009	MD4442	35	36	9.16	0.50	51.91	19.46	4.26	0.37	2.90		0.52	7.40	0.03	0.26	0.02				0.01				99.87	2.99
KJC009	MD4443	36	37	9.16	0.50	55.16	15.61	4.46	0.47	1.98		0.52	6.74	0.02	0.24	0.02				0.01				99.59	3.18
KJC009	MD4444	37	38	9.20	0.51	51.17	19.57	4.08	0.35	3.34		0.56	8.11	0.02	0.20	0.02				0.01				99.81	4.75
KJC009	MD4445	38	39	9.19	0.51	54.45	16.12	3.81	0.48	2.61		0.53	6.90	0.02	0.17	0.02				0.02				99.27	2.78
KJC009	MD4446	39	40	9.85	0.54	51.62	19.61	4.24	0.32	3.20		0.58	7.97	0.02	0.19	0.03				0.02				100.11	4.54
KJC009	MD4447	40	41	9.84	0.55	52.98	18.11	4.16	0.36	3.00		1.07	7.65	0.02	0.17	0.03				0.02				99.84	2.05
KJC009	MD4448	41	42	9.66	0.55	51.55	18.57	4.45	0.35	3.26		1.52	8.22	0.03	0.16	0.03				0.02				100.03	2.55
KJC009	MD4449	42	43	9.70	0.55	53.30	18.05	3.89	0.29	3.33		0.85	8.52	0.02	0.12	0.03				0.03				99.61	2.80
KJC009	MD4450	43	44	7.12	0.40	43.16	26.07	7.79	0.31	3.50		1.15	6.64	0.17	0.79	0.02				0.03				99.52	1.41
KJC009	MD4451	44	45	1.79	0.09	19.06	47.27	12.87	0.26	7.56		0.25	5.59	0.36	2.68	0.02				0.03				99.98	3.10
KJC009	MD4452	45	46	5.89	0.31	37.82	33.49	8.47	0.23	3.29		1.08	6.19	0.18	1.23	0.02				0.03				100.24	2.11
KJC009	MD4454	46	47	9.00	0.51	51.30	21.41	4.83	0.27	2.62		0.84	7.83	0.05	0.39	0.03				0.05				99.85	2.56
KJC009	MD4455	47	48	10.81	0.60	59.44	15.36	3.85	0.26	1.47		0.64	6.60	0.03	0.22	0.02				0.06				99.64	1.13

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC009	MD4456	48	49	11.17	0.65	62.59	12.57	4.08	0.25	0.67		0.50	6.37	0.02	0.23	0.03				0.07				99.70	0.52
KJC009	MD4457	49	50	11.55	0.65	64.94	11.54	3.57	0.29	0.29		0.50	5.67	0.02	0.24	0.03				0.09				99.66	0.53
KJC009	MD4458	50	51	9.51	0.51	62.59	15.17	3.06	0.49	0.46		0.57	5.61	0.03	0.32	0.03				0.12				99.84	0.29
KJC009	MD4459	51	52	3.78	0.20	41.14	37.61	2.91	0.31	1.50		0.26	7.73	0.05	0.42	0.02				0.09				99.88	1.41
KJC009	MD4460	52	53	0.89	0.04	21.86	60.44	2.19	0.16	2.17		0.03	8.83	0.02	0.26	0.01				0.01				100.38	3.66
KJC009	MD4461	53	54	0.94	0.03	24.56	51.26	2.88	0.18	3.09		0.04	12.62	0.02	0.19	0.01				0.01				99.80	3.14
KJC009	MD4462	54	55	0.90	0.03	23.97	48.65	2.82	0.25	3.86		0.08	15.39	0.02	0.18	0.01				0.02				99.96	3.64
KJC009	MD4463	55	56	0.87	0.02	23.06	40.28	2.74	0.28	7.55		0.15	16.97	0.02	0.13	0.01				0.01				99.48	3.51
KJC009	MD4464	56	57	0.85	0.02	21.69	37.68	3.13	0.23	8.97		0.17	18.57	0.02	0.13	0.01				0.02				99.49	7.18
KJC009	MD4465	57	58	1.11	0.04	17.69	42.93	3.12	0.23	10.61		0.17	17.31	0.04	0.24	0.01				0.16				99.73	7.83
KJC009	MD4466	58	59	1.10	0.05	14.03	46.03	3.32	0.20	13.28		0.27	16.99	0.07	0.31	0.01				0.24				99.75	5.87
KJC009	MD4467	59	60	1.05	0.03	18.44	41.77	3.20	0.20	8.70		0.20	19.95	0.03	0.18	0.01				0.18				99.34	3.75
KJC009	MD4468	60	61	1.18	0.04	18.69	38.44	2.82	0.26	8.18		0.19	21.85	0.02	0.17	0.01				0.27				99.48	5.24
KJC009	MD4469	61	62	1.03	0.03	20.86	38.64	2.73	0.24	4.29		0.18	25.66	0.02	0.13	0.01				0.31				100.01	7.15
KJC009	MD4470	62	63	0.86	0.03	21.35	37.91	2.35	0.25	4.06		0.16	26.50	0.02	0.11	0.01				0.24				99.82	5.67
KJC009	MD4471	63	64	0.83	0.03	18.70	37.31	2.25	0.18	3.19		0.14	27.80	0.01	0.10	0.01				0.35				99.53	5.78
KJC009	MD4472	64	65	0.80	0.02	15.76	37.68	2.32	0.15	3.50		0.12	28.92	0.01	0.09	0.01				0.36				99.38	8.38
KJC009	MD4473	65	66	0.82	0.02	16.36	37.48	2.36	0.17	3.84		0.13	28.04	0.02	0.12	0.01				0.36				99.44	9.35
KJC009	MD4474	66	67	0.85	0.03	15.15	41.43	2.60	0.21	4.41		0.06	23.79	0.02	0.24	0.01				0.30				99.81	9.44
KJC009	MD4475	67	68	0.89	0.03	17.57	38.68	2.37	0.19	3.86		0.20	26.32	0.02	0.18	0.01				0.34				99.87	10.36
KJC009	MD4476	68	69	0.84	0.03	18.59	37.29	2.10	0.19	3.18		0.22	28.23	0.01	0.15	0.01				0.36				100.12	8.96
KJC009	MD4477	69	70	0.85	0.03	18.21	37.69	2.04	0.18	3.17		0.20	28.03	0.01	0.12	0.01				0.36				99.85	8.71
KJC009	MD4478	70	71	0.84	0.03	19.07	37.06	1.88	0.18	2.76		0.25	28.73	0.01	0.13	0.01				0.37				100.07	8.74
KJC009	MD4479	71	72	0.95	0.04	18.63	37.07	1.92	0.19	3.82		0.26	26.67	0.03	0.20	0.01				0.35				99.71	8.57
KJC009A	MD4487	0	1	3.37	0.17	24.00	43.44	13.95	0.16	1.98		0.08	2.29	1.24	1.13	0.01				0.08				99.95	NA
KJC009A	MD4488	1	2	4.22	0.19	27.25	43.07	13.92	0.10	0.21		0.10	1.48	0.82	1.04	0.01				0.05				100.14	7.62
KJC009A	MD4489	2	3	8.54	0.32	41.79	36.52	6.45	0.17	0.03		0.09	0.66	0.09	0.62	0.01				0.01				100.31	7.33
KJC009A	MD4490	3	4	10.32	0.43	50.96	29.33	3.89	0.22	0.01		0.09	0.46	0.04	0.44	0.01				0.01				99.90	4.87
KJC009A	MD4491	4	5	10.09	0.47	51.85	29.03	3.23	0.24	<0.01		0.11	0.38	0.02	0.37	0.01				0.01				100.01	3.56
KJC009A	MD4492	5	6	9.13	0.48	50.20	33.03	2.37	0.24	0.03		0.09	0.33	0.03	0.24	0.02				0.02				100.01	4.05
KJC009A	MD4493	6	7	8.39	0.32	42.26	36.29	5.84	0.16	0.04		0.10	0.45	0.04	0.45	0.01				0.01				99.77	3.69
KJC009A	MD4494	7	8	6.90	0.22	35.89	42.36	7.54	0.12	0.02		0.10	0.70	0.09	0.68	0.01				0.01				100.45	5.28
KJC009A	MD4495	8	9	13.43	0.61	58.68	18.27	4.78	0.29	0.01		0.05	0.55	0.02	0.30	0.02				<0.01				99.89	5.70
KJC009A	MD4496	9	10	9.82	0.40	46.16	29.40	6.47	0.21	0.02		0.06	1.26	0.25	0.61	0.02				<0.01				99.65	2.77
KJC009A	MD4497	10	11	10.22	0.42	44.00	31.27	6.89	0.18	0.04		0.05	1.27	0.16	0.73	0.02				<0.01				100.10	4.75
KJC009A	MD4498	11	12	8.70	0.33	42.63	33.11	7.37	0.19	0.05		0.04	1.29	0.05	0.80	0.02				<0.01				99.53	4.64
KJC009A	MD4499	12	13	7.06	0.26	37.37	36.51	9.57	0.17	0.06		0.05	1.45	0.10	0.86	0.01				<0.01				100.06	4.77
KJC009A	MD4501	13	14	7.40	0.28	36.76	34.65	11.27	0.17	0.14		0.04	1.61	0.11	0.89	0.01				<0.01				99.89	1.31
KJC009A	MD4502	14	15	7.56	0.32	37.71	33.18	7.40	0.24	3.90		0.02	4.99	0.14	0.96	0.02				<0.01				99.77	6.34
KJC009A	MD4503	15	16	7.16	0.30	35.82	33.90	6.36	0.29	5.50		0.01	6.49	0.17	1.01	0.02				<0.01				99.38	3.15
KJC009A	MD4504	16	17	7.18	0.31	35.16	35.02	6.11	0.27	5.95		0.01	7.00	0.19	1.03	0.02				<0.01				100.22	2.08
KJC009A	MD4505	17	18	7.80	0.33	36.94	32.81	6.05	0.29	5.96		0.01	6.82	0.21	1.03	0.02				<0.01				100.04	1.74
KJC009A	MD4506	18	19	5.70	0.23	31.60	38.13	6.97	0.22	6.32		0.02	7.15	0.32	1.10	0.02				0.01				100.46	1.52
KJC009A	MD4507	19	20	7.81	0.35	38.65	31.73	5.60	0.24	5.90		0.01	7.00	0.26	0.87	0.02				<0.01				99.79	2.42
KJC009A	MD4508	20	21	7.20	0.33	35.85	34.29	5.47	0.22	6.36		0.01	7.25	0.20	0.85	0.02				<0.01				99.47	1.13
KJC009A	MD4509	21	22	6.80	0.31	35.67	40.48	5.67	0.33	2.59		0.02	3.73	0.14	0.95	0.02				<0.01				100.18	1.22
KJC009A	MD4510	22	23	9.61	0.43	44.13	31.13	6.63	0.31	0.64		0.02	2.48	0.07	1.06	0.02				<0.01				100.19	3.16
KJC009A	MD4511	23	24	7.03	0.32	37.61	40.84	5.54	0.51	0.64		0.02	2.12	0.08	1.00	0.02				<0.01				100.03	3.35
KJC009A	MD4512	24	25	6.19	0.30	34.58	36.88	6.28	0.41	5.76		0.02	5.43	0.24	0.84	0.02				<0.01				99.84	3.93
KJC009A	MD4513	25	26	7.91	0.39	40.31	29.49	5.18	0.29	7.33		0.01	7.58	0.14	0.64	0.02				0.01				100.58	2.56
KJC009A	MD4514	26	27	7.87	0.39	39.21	29.84	5.06	0.28	7.87		0.01	7.80	0.11	0.51	0.02				<0.01				100.28	1.04
KJC009A	MD4515	27	28	8.21	0.41	41.87	28.08	4.72	0.28	6.85		0.26	7.54	0.09	0.47	0.02				<0.01				100.03	1.09
KJC009A	MD4516	28	29	7.99	0.40	40.47	28.31	4.93	0.27	7.92		0.71	8.40	0.10	0.47	0.02				0.01				100.03	1.23
KJC009A	MD4517	29	30	7.25	0.36	36.84	30.61	5.15	0.26	9.30		0.58	8.79	0.15	0.57	0.02				0.01				99.78	0.45
KJC010	MD4518	0	1	4.20	0.28	41.97	29.21	12.16	0.17	1.28		0.06	0.88	0.12	0.54	0.01				0.06				100.17	0.19
KJC010	MD4519	1	2	5.44	0.41	47.72	22.94	13.12	0.16	0.48		0.07	0.62	0.11	0.34	0.01				0.12				99.80	8.95
KJC010	MD4521	2	3	5.95	0.44	51.70	19.71	13.10	0.17	0.04		0.06	0.29	0.08	0.30	0.01				0.14				100.06	-0.06
KJC010	MD4522	3	4	7.91	0.55	59.67	14.35	10.14	0.20	0.01		0.06	0.34	0.06	0.22	0.01				0.11				99.92	7.81
KJC010	MD4523	4	5	10.03	0.70	68.07	10.06	6.00	0.30	0.01		0.04	0.50	0.04	0.17	0.01				0.12				100.28	6.06
KJC010	MD4524	5	6	8.62	0.64	66.10	11.98	6.38	0.27	<0.01		0.06	0.42	0.06	0.22	0.01				0.14				99.58	4.00
KJC010	MD4525	6	7	2.57	0.16	59.54	16.54	10.15	0.14	0.02		0.14	0.27	0.06	0.27	0.02				0.18				99.98	4.41
KJC010	MD4526	7	8	2.24	0.12	48.22	20.08	16.36	0.12	0.01		0.17	0.20	0.05	0.27	0.02				0.18				99.85	9.28

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC010	MD4527	8	9	1.78	0.09	62.02	13.23	10.97	0.17	<0.01		0.19	0.21	0.02	0.23	0.03				0.16				99.75	11.22
KJC010	MD4528	9	10	2.31	0.10	58.04	15.14	12.54	0.18	<0.01		0.18	0.26	0.02	0.25	0.02				0.26				99.72	9.96
KJC010	MD4529	10	11	2.51	0.11	58.59	14.65	11.99	0.19	<0.01		0.20	0.26	0.02	0.23	0.01				0.51				99.56	9.81
KJC010	MD4530	11	12	2.38	0.11	64.07	13.18	8.41	0.23	<0.01		0.23	0.26	0.02	0.27	0.02				0.59				99.66	9.71
KJC010	MD4531	12	13	2.25	0.10	59.76	14.14	10.13	0.20	0.01		0.27	0.26	0.02	0.33	0.03				0.62				99.88	9.18
KJC010	MD4532	13	14	2.12	0.10	60.61	13.37	9.81	0.23	0.02		0.28	0.28	0.02	0.36	0.04				0.64				100.26	10.95
KJC010	MD4533	14	15	2.19	0.09	58.68	13.48	10.39	0.26	0.02		0.31	0.26	0.02	0.38	0.04				0.37				99.82	11.47
KJC010	MD4534	15	16	2.15	0.07	57.63	13.95	11.22	0.27	0.02		0.30	0.28	0.01	0.37	0.03				0.45				100.13	12.28
KJC010	MD4535	16	17	2.17	0.09	56.38	14.35	9.83	2.03	0.10		0.28	0.36	0.13	0.37	0.03				0.41				99.60	12.41
KJC010	MD4536	17	18	1.77	0.07	45.80	16.35	10.55	9.61	0.04		0.25	0.32	0.40	0.37	0.04				0.23				100.33	11.88
KJC010	MD4537	18	19	1.77	0.07	41.43	32.70	8.89	2.95	0.03		0.18	0.31	0.15	0.30	0.03				0.30				99.74	12.13
KJC010	MD4538	19	20	2.03	0.07	55.05	18.60	9.32	1.05	0.02		0.24	0.31	0.05	0.34	0.03				0.41				99.79	9.37
KJC010	MD4539	20	21	1.82	0.07	44.65	27.38	8.10	4.50	0.03		0.18	0.38	0.23	0.38	0.03				0.42				99.82	10.95
KJC010	MD4540	21	22	2.20	0.08	57.71	12.16	8.06	3.89	0.02		0.23	0.33	0.20	0.43	0.05				0.52				99.79	9.78
KJC010	MD4542	22	23	2.24	0.08	57.72	13.54	7.76	3.62	0.02		0.21	0.33	0.18	0.40	0.05				0.56				99.85	11.09
KJC010	MD4543	23	24	2.36	0.08	59.48	11.39	7.91	3.26	0.03		0.22	0.38	0.15	0.43	0.05				0.81				100.19	10.87
KJC010	MD4544	24	25	3.32	0.08	44.22	21.77	16.35	0.78	0.03		0.14	0.42	0.10	0.36	0.02				0.83				100.13	11.09
KJC010	MD4545	25	26	2.31	0.06	48.86	27.42	8.26	1.30	0.02		0.13	0.39	0.10	0.34	0.03				1.04				99.67	10.87
KJC010	MD4546	26	27	2.36	0.07	64.20	11.15	6.79	2.40	0.02		0.12	0.48	0.11	0.38	0.04				1.60				100.60	8.26
KJC010	MD4547	27	28	2.29	0.07	62.65	11.69	7.72	1.95	0.02		0.10	0.54	0.08	0.37	0.04				1.71				99.90	9.07
KJC010	MD4548	28	29	2.34	0.07	66.41	9.93	6.51	1.65	0.02		0.09	0.55	0.06	0.36	0.04				1.69				99.87	8.89
KJC010	MD4549	29	30	2.01	0.06	56.22	22.42	6.37	1.10	0.03		0.06	0.53	0.04	0.32	0.04				1.42				99.72	8.37
KJC011	MD4550	0	1	9.49	0.41	44.20	24.17	9.23	0.44	1.41		0.06	0.67	0.11	0.38	0.05				0.15				99.77	7.66
KJC011	MD4551	1	2	6.52	0.42	39.76	30.49	11.56	0.18	0.59		0.04	0.47	0.10	0.41	0.03				0.11				100.00	8.53
KJC011	MD4552	2	3	6.15	0.38	46.78	26.37	9.18	0.13	0.13		0.06	0.32	0.09	0.42	0.01				0.08				99.47	9.01
KJC011	MD4553	3	4	7.62	0.40	43.29	28.28	10.35	0.14	0.07		0.06	0.29	0.07	0.43	0.02				0.08				100.20	9.15
KJC011	MD4554	4	5	5.41	0.31	44.35	26.95	11.52	0.10	0.05		0.17	0.23	0.04	0.32	0.01				0.08				99.85	8.80
KJC011	MD4555	5	6	6.39	0.31	39.24	29.69	13.30	0.12	0.05		0.14	0.23	0.05	0.38	0.01				0.07				99.75	10.07
KJC011	MD4556	6	7	7.36	0.46	49.17	21.39	10.53	0.18	0.42		0.14	0.25	0.04	0.30	0.02				0.13				99.59	9.48
KJC011	MD4557	7	8	6.67	0.37	46.40	24.11	11.56	0.14	0.06		0.16	0.11	0.04	0.31	0.02				0.05				99.69	8.91
KJC011	MD4558	8	9	7.83	0.37	39.79	26.11	14.79	0.14	0.02		0.16	0.13	0.04	0.33	0.01				0.05				99.85	9.47
KJC011	MD4559	9	10	7.66	0.35	43.10	22.79	14.39	0.11	0.02		0.17	0.13	0.03	0.27	0.01				0.08				99.81	9.86
KJC011	MD4561	10	11	7.70	0.39	46.49	19.65	14.03	0.14	<0.01		0.18	0.10	0.02	0.24	0.02				0.06				99.87	1.16
KJC011	MD4562	11	12	8.48	0.46	53.29	16.50	10.59	0.38	0.01		0.20	0.12	0.02	0.26	0.02				0.02				99.87	10.56
KJC011	MD4563	12	13	6.64	0.35	52.93	19.07	10.28	0.40	0.06		0.16	0.45	0.04	0.42	0.01				0.06				99.86	9.14
KJC011	MD4564	13	14	8.16	0.45	51.53	19.84	10.80	0.33	0.04		0.13	0.66	0.03	0.47	0.03				0.04				100.01	8.50
KJC011	MD4565	14	15	8.45	0.46	51.51	21.49	9.69	0.44	0.04		0.09	0.97	0.04	0.57	0.02				0.04				99.88	6.93
KJC011	MD4566	15	16	1.44	0.09	19.59	47.39	18.77	0.07	0.09		0.08	1.51	0.12	1.26	0.03				0.06				100.37	5.52
KJC011	MD4567	16	17	2.46	0.14	24.39	44.51	15.79	0.25	0.09		0.08	1.79	0.11	1.26	0.03				0.05				100.18	8.91
KJC011	MD4568	17	18	5.18	0.29	33.79	35.99	13.57	0.34	0.08		0.08	1.32	0.08	1.04	0.02				0.04				99.95	8.37
KJC011	MD4569	18	19	2.94	0.18	29.41	52.80	6.80	0.16	0.07		0.04	0.89	0.08	0.94	0.02				0.37				100.07	7.35
KJC011	MD4570	19	20	8.04	0.47	52.25	23.68	8.31	0.27	0.04		0.06	0.79	0.04	0.57	0.01				0.27				100.03	4.67
KJC011	MD4571	20	21	13.01	0.73	67.38	9.30	4.93	0.43	0.02		0.04	0.80	0.02	0.22	0.01				0.10				99.92	4.71
KJC011	MD4572	21	22	5.58	0.36	58.09	22.31	4.85	0.34	0.06		0.04	1.17	0.06	0.64	0.01				0.29				99.67	2.67
KJC011	MD4573	22	23	1.22	0.08	35.10	38.89	9.83	0.95	0.12		0.04	3.09	0.12	1.19	0.03				0.10				99.58	5.23
KJC011	MD4574	23	24	1.84	0.10	42.62	36.47	4.18	2.04	0.09		0.04	3.32	0.13	1.12	0.02				0.21				99.61	7.47
KJC011	MD4575	24	25	1.67	0.07	37.60	42.11	4.54	1.32	0.08		0.04	4.53	0.06	1.00	0.03				0.52				100.19	5.82
KJC011	MD4576	25	26	1.22	0.05	30.78	44.27	3.82	0.68	2.84		0.03	9.18	0.09	0.90	0.02				0.27				100.07	4.97
KJC011	MD4577	26	27	1.71	0.06	25.38	43.63	5.40	0.50	4.91		0.02	11.78	0.09	0.81	0.03				0.35				100.11	4.87
KJC011	MD4578	27	28	1.66	0.06	27.14	42.66	5.22	0.32	4.68		0.02	11.75	0.07	0.68	0.02				0.50				99.98	4.53
KJC011	MD4579	28	29	1.24	0.04	29.35	43.99	4.11	0.46	3.72		0.03	10.85	0.08	0.86	0.02				0.23				100.51	4.47
KJC011	MD4581	29	30	1.37	0.05	33.11	42.05	3.60	0.25	3.11		0.03	10.18	0.07	0.84	0.02				0.34				100.60	-0.39
KJC011	MD4582	30	31	1.44	0.05	31.08	40.30	4.54	0.22	4.03		0.03	11.79	0.07	0.80	0.02				0.43				100.58	4.72
KJC011	MD4583	31	32	1.08	0.04	27.31	44.28	3.34	0.28	5.14		0.03	13.03	0.06	0.65	0.02				0.32				100.48	4.97
KJC011	MD4584	32	33	0.86	0.03	23.08	54.60	2.47	0.20	3.55		0.02	9.93	0.06	0.54	0.02				0.28				100.29	4.17
KJC011	MD4585	33	34	0.82	0.03	21.72	55.66	2.48	0.23	3.74		0.02	10.27	0.05	0.53	0.01				0.30				100.38	4.05
KJC011	MD4586	34	35	0.76	0.03	21.60	53.05	2.46	0.31	4.44		0.02	11.93	0.04	0.49	0.01				0.43				100.46	3.91
KJC011	MD4587	35	36	0.76	0.03	23.79	52.39	2.11	0.27	3.37		0.03	10.22	0.05	0.67	0.02				0.51				99.64	4.30
KJC011	MD4588	36	37	0.78	0.03	24.67	52.05	2.25	0.30	2.66		0.04	9.66	0.06	0.86	0.02				0.56				100.20	4.75
KJC011	MD4589	37	38	0.80	0.03	24.56	50.88	2.31	0.22	2.93		0.04	10.91	0.07	0.92	0.01				0.57				100.27	5.55
KJC011	MD4590	38	39	0.71	0.03	22.15	55.97	2.19	0.19	2.44		0.04	9.40	0.06	0.76	0.01				0.52				100.23	5.30
KJC011	MD4591	39	40	0.65	0.02	20.58	57.65	2.04	0.58	2.46		0.03	9.04	0.07	0.70	0.01				0.49				100.05	5.17

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC011	MD4592	40	41	0.46	0.01	13.97	34.36	1.39	0.26	13.01		0.02	14.21	0.05	0.45	0.01				0.33				99.73	5.09
KJC011	MD4593	41	42	0.42	0.01	13.94	34.14	1.26	0.11	13.66		0.02	14.18	0.03	0.35	0.01				0.32				100.15	20.80
KJC011	MD4594	42	43	0.55	0.02	17.52	37.97	1.65	0.16	10.93		0.03	13.15	0.04	0.44	0.01				0.39				100.59	21.36
KJC011	MD4595	43	44	0.39	0.01	13.60	33.38	1.22	0.14	14.25		0.02	13.62	0.03	0.28	0.01				0.28				99.81	17.27
KJC011	MD4596	44	45	0.47	0.01	14.95	28.96	1.45	0.27	13.18		0.03	18.13	0.04	0.25	0.01				0.35				100.12	22.26
KJC011	MD4597	45	46	0.56	0.02	16.17	35.67	1.68	0.20	4.74		0.05	28.06	0.01	0.11	0.01				0.40				99.83	21.67
KJC011	MD4598	46	47	0.56	0.02	16.00	35.68	1.64	0.19	4.74		0.02	26.90	0.01	0.13	0.01				0.40				100.33	11.81
KJC011	MD4599	47	48	0.54	0.01	15.27	35.25	1.59	0.17	5.13		0.02	27.21	0.01	0.13	0.01				0.37				100.20	13.66
KJC011	MD4601	48	49	0.56	0.01	15.87	38.89	1.66	0.19	2.55		0.02	28.22	0.01	0.11	0.01				0.39				99.81	1.26
KJC011	MD4602	49	50	0.54	0.01	15.82	35.10	1.70	0.19	3.63		0.04	29.47	0.02	0.14	0.01				0.39				99.76	10.97
KJC011	MD4603	50	51	0.59	0.02	16.76	36.30	1.80	0.20	3.39		0.06	29.70	0.02	0.13	0.01				0.42				99.86	12.36
KJC011	MD4604	51	52	0.57	0.02	16.45	37.11	1.90	0.18	2.85		0.05	29.30	0.02	0.15	0.01				0.41				99.77	10.12
KJC011	MD4605	52	53	0.61	0.02	16.75	37.38	1.86	0.20	2.57		0.06	30.71	0.01	0.09	0.01				0.43				99.84	10.43
KJC011	MD4606	53	54	0.60	0.02	16.05	36.04	1.79	0.20	3.32		0.07	30.11	0.02	0.11	0.01				0.41				99.88	8.79
KJC011	MD4607	54	55	0.60	0.02	16.63	36.53	1.87	0.20	2.75		0.09	31.26	0.01	0.08	0.01				0.42				100.03	10.82
KJC011	MD4608	55	56	0.58	0.01	15.16	34.55	1.71	0.19	7.72		0.08	26.25	<0.01	0.08	0.01				0.39				99.60	9.24
KJC011	MD4609	56	57	0.55	0.01	14.19	40.69	1.59	0.16	10.54		0.04	13.60	0.03	0.25	0.01				0.35				99.69	12.50
KJC012	MD4610	0	1	3.97	0.20	32.56	37.14	9.22	0.34	2.18		0.07	4.23	0.56	0.85	0.01				0.20				99.75	17.28
KJC012	MD4611	1	2	6.97	0.29	37.96	35.33	10.59	0.20	0.25		0.10	1.32	0.49	0.91	0.01				0.04				100.64	7.71
KJC012	MD4612	2	3	8.94	0.36	48.55	30.55	5.33	0.25	0.05		0.11	0.65	0.09	0.62	0.01				0.02				100.26	5.81
KJC012	MD4613	3	4	6.99	0.31	48.56	31.33	6.00	0.29	0.04		0.11	0.67	0.06	0.67	0.01				0.07				100.50	4.45
KJC012	MD4614	4	5	3.90	0.17	44.70	35.84	5.37	0.19	0.04		0.14	2.39	0.06	0.64	0.01				0.41				100.22	5.10
KJC012	MD4615	5	6	5.39	0.20	40.83	36.79	8.53	0.20	0.05		0.10	0.89	0.14	0.78	0.01				0.15				100.19	5.98
KJC012	MD4616	6	7	3.74	0.14	30.49	42.83	12.28	0.17	0.25		0.09	1.00	0.42	0.92	0.01				0.23				100.44	5.71
KJC012	MD4617	7	8	6.18	0.29	43.26	33.56	9.07	0.23	0.03		0.09	0.75	0.09	0.76	0.01				0.07				100.71	7.39
KJC012	MD4618	8	9	5.56	0.25	41.79	36.69	7.15	0.23	0.02		0.08	0.73	0.03	0.80	0.02				0.18				99.96	5.90
KJC012	MD4619	9	10	3.12	0.13	29.42	45.34	12.67	0.17	0.09		0.07	0.61	0.04	0.74	0.01				0.13				100.62	6.01
KJC012	MD4621	10	11	3.78	0.10	21.50	47.51	16.14	0.16	0.59		0.06	1.14	0.07	1.29	0.02				0.16				100.56	-0.10
KJC012	MD4622	11	12	3.08	0.11	25.55	44.77	15.11	0.13	0.24		0.06	1.00	0.04	1.11	0.02				0.23				100.29	7.64
KJC012	MD4623	12	13	2.55	0.09	26.53	50.44	8.34	0.13	1.05		0.05	1.99	0.05	0.97	0.01				0.25				99.88	8.43
KJC012	MD4624	13	14	2.03	0.08	20.65	50.78	11.46	0.10	2.26		0.04	3.90	0.05	1.17	0.01				0.33				99.71	7.10
KJC012	MD4625	14	15	4.37	0.23	34.41	45.70	7.20	0.15	0.11		0.05	0.85	0.04	0.87	0.02				0.03				100.16	6.51
KJC012	MD4626	15	16	6.23	0.30	34.73	46.22	6.22	0.12	0.08		0.03	0.87	0.02	0.99	0.03				0.02				100.60	5.83
KJC012	MD4627	16	17	8.04	0.38	42.33	36.19	6.32	0.22	0.07		0.03	0.93	0.03	0.97	0.02				0.01				100.15	4.42
KJC012	MD4628	17	18	8.93	0.43	45.65	29.89	7.49	0.50	0.09		0.04	0.98	0.04	1.01	0.03				0.03				100.53	4.19
KJC012	MD4629	18	19	10.18	0.48	52.96	22.17	6.06	0.76	0.30		0.02	2.42	0.03	0.67	0.02				0.14				100.16	4.76
KJC012	MD4630	19	20	2.69	0.09	35.88	43.29	5.78	0.81	0.09		0.02	3.11	0.04	0.94	0.02				0.70				100.08	3.39
KJC012	MD4631	20	21	2.23	0.08	62.66	13.80	7.97	0.58	0.03		0.04	0.34	0.02	0.32	0.03				0.63				99.89	5.67
KJC012	MD4632	21	22	6.00	0.32	57.19	13.51	10.20	1.49	0.02		0.04	0.29	0.04	0.26	0.02				0.43				99.92	10.16
KJC012	MD4633	22	23	12.18	0.44	36.34	21.51	16.91	2.30	0.03		0.04	0.28	0.15	0.40	0.03				0.09				100.23	9.11
KJC012	MD4634	23	24	2.13	0.18	34.12	27.27	20.29	1.71	0.04		0.06	0.25	0.17	0.57	0.01				0.14				100.27	8.64
KJC012	MD4635	24	25	5.42	0.31	43.61	22.23	15.63	0.35	0.03		0.04	0.28	0.03	0.37	0.03				0.09				99.87	12.18
KJC012	MD4636	25	26	2.93	0.18	35.48	35.89	12.83	0.85	0.11		0.04	1.18	0.07	0.96	0.03				0.15				100.18	10.82
KJC012	MD4637	26	27	5.10	0.27	32.41	39.83	10.07	0.33	0.79		0.03	2.05	0.09	1.30	0.04				0.20				99.95	8.44
KJC012	MD4638	27	28	2.92	0.15	24.09	42.96	12.92	0.40	4.70		0.03	4.68	0.16	1.70	0.02				0.10				100.33	6.42
KJC012	MD4639	28	29	2.51	0.13	21.36	44.22	14.20	0.41	4.26		0.04	4.02	0.20	1.96	0.02				0.08				99.99	4.96
KJC012	MD4640	29	30	3.63	0.24	36.82	28.43	15.38	1.18	0.67		0.04	1.13	0.10	0.84	0.02				0.10				99.90	6.10
KJC012	MD4641	30	31	5.53	0.31	43.64	28.22	8.47	1.52	0.23		0.03	1.12	0.14	0.99	0.04				0.03				99.59	10.45
KJC012	MD4642	31	32	5.26	0.27	44.76	32.12	6.29	0.46	0.38		0.03	1.67	0.12	1.21	0.03				0.01				100.20	8.33
KJC012	MD4643	32	33	8.30	0.36	35.20	35.82	8.00	0.34	0.89		0.03	2.43	0.12	1.30	0.04				0.01				99.35	6.89
KJC012	MD4644	33	34	7.06	0.33	33.03	37.80	6.43	0.19	3.68		0.02	5.34	0.14	1.29	0.03				<0.01				99.78	5.82
KJC012	MD4645	34	35	6.63	0.33	34.75	36.68	5.94	0.16	4.60		0.02	6.01	0.13	1.16	0.02				0.01				100.04	3.78
KJC012	MD4646	35	36	6.57	0.33	36.19	34.85	7.36	0.35	3.12		0.03	4.69	0.12	1.12	0.03				0.02				100.17	3.09
KJC012	MD4647	36	37	3.72	0.21	28.25	39.42	10.05	0.31	6.02		0.03	5.96	0.21	1.29	0.02				0.05				100.15	4.78
KJC012	MD4648	37	38	3.12	0.16	26.89	44.07	9.03	0.27	3.63		0.03	5.67	0.14	1.24	0.02				0.12				100.18	4.19
KJC012	MD4649	38	39	2.46	0.12	24.64	44.88	7.36	0.31	4.66		0.03	8.26	0.10	1.13	0.02				0.36				99.97	5.24
KJC012	MD4650	39	40	3.44	0.20	28.44	41.77	7.96	0.49	3.15		0.03	6.70	0.09	1.22	0.03				0.32				100.21	5.02
KJC012	MD4651	40	41	5.09	0.29	30.75	40.15	8.54	0.26	2.38		0.04	5.06	0.09	1.30	0.02				0.19				100.16	5.55
KJC012	MD4652	41	42	6.32	0.38	38.20	33.75	6.08	0.16	4.42		0.02	5.79	0.10	0.98	0.03				0.02				100.13	5.17
KJC012	MD4653	42	43	7.78	0.50	45.82	26.93	5.34	0.17	2.61		0.02	6.40	0.05	0.66	0.03				0.01				100.21	3.29
KJC012	MD4654	43	44	5.17	0.33	37.43	38.08	4.52	0.18	3.38		0.02	6.19	0.07	0.73	0.02				0.02				100.08	3.35
KJC012	MD4655	44	45	7.38	0.45	43.74	27.85	4.69	0.22	4.29		0.23	7.62	0.05	0.49	0.03				0.01				100.29	3.47

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC012	MD4656	45	46	7.97	0.46	48.50	24.92	4.05	0.23	2.54		0.09	6.89	0.04	0.44	0.02				0.01				100.09	2.86
KJC012	MD4657	46	47	10.63	0.63	57.17	16.82	4.15	0.26	1.57		0.25	6.19	0.03	0.30	0.03				0.01				100.14	3.35
KJC012	MD4658	47	48	8.42	0.51	54.39	21.14	3.57	0.31	1.48		0.09	5.98	0.03	0.34	0.02				0.03				99.72	1.91
KJC012	MD4659	48	49	1.27	0.07	26.80	44.00	3.48	0.16	6.02		0.13	11.85	0.07	0.61	0.01				0.28				99.65	3.04
KJC012	MD4661	49	50	1.44	0.07	19.10	45.97	3.81	0.21	9.96		0.02	15.08	0.06	0.53	0.01				0.40				99.62	4.32
KJC012	MD4662	50	51	1.69	0.09	20.38	46.49	3.59	0.19	8.75		0.02	14.95	0.05	0.42	0.01				0.36				99.91	2.59
KJC012	MD4663	51	52	5.39	0.35	45.96	30.76	3.15	0.42	2.38		0.02	7.45	0.04	0.40	0.02				0.26				100.31	2.61
KJC012	MD4664	52	53	1.29	0.07	24.06	46.66	3.33	0.23	5.86		0.08	11.38	0.05	0.36	0.01				0.28				99.67	3.29
KJC012	MD4665	53	54	1.02	0.05	24.94	36.37	2.29	0.28	6.38		0.17	21.62	0.02	0.16	0.01				0.19				99.54	5.66
KJC012	MD4666	54	55	1.45	0.06	15.37	44.33	5.24	0.22	12.84		0.15	15.53	0.11	0.40	0.01				0.26				99.92	5.85
KJC012	MD4667	55	56	1.24	0.06	15.01	45.43	4.07	0.20	13.39		0.17	15.98	0.09	0.32	0.01				0.20				99.48	3.69
KJC012	MD4668	56	57	1.04	0.04	16.87	43.75	3.48	0.21	10.87		0.15	19.37	0.04	0.22	0.01				0.12				99.73	3.19
KJC012	MD4669	57	58	1.04	0.04	16.03	43.25	3.33	0.21	11.48		0.32	18.92	0.03	0.20	0.01				0.23				99.32	3.43
KJC012	MD4670	58	59	0.92	0.04	16.54	43.62	2.88	0.21	10.67		0.21	18.61	0.03	0.19	0.01				0.15				99.59	4.15
KJC012	MD4671	59	60	0.75	0.03	16.16	44.09	2.35	0.18	9.29		0.21	19.23	0.02	0.17	0.01				0.17				99.67	5.39
KJC013	MD4672	0	1	6.00	0.34	44.15	22.03	13.59	0.13	1.85		0.04	1.41	0.32	0.33	0.01				0.11				100.36	6.84
KJC013	MD4673	1	2	9.55	0.29	40.81	19.22	15.04	0.14	1.65		0.03	1.48	0.17	0.27	0.01				0.13				100.00	9.85
KJC013	MD4674	2	3	7.67	0.24	26.80	29.63	22.71	0.12	0.21		0.05	0.76	0.21	0.42	0.01				0.18				99.87	11.02
KJC013	MD4675	3	4	3.42	0.33	34.97	26.98	22.05	0.09	0.05		0.09	0.30	0.08	0.27	0.01				0.30				100.37	10.61
KJC013	MD4676	4	5	2.41	0.25	25.23	32.62	26.43	0.04	0.02		0.08	0.23	0.07	0.29	<0.01				0.31				100.18	11.27
KJC013	MD4677	5	6	2.90	0.27	29.34	29.92	24.86	0.07	0.03		0.09	0.24	0.07	0.27	0.01				0.30				100.46	12.02
KJC013	MD4678	6	7	2.63	0.20	34.53	25.83	22.37	0.05	0.03		0.12	0.13	0.03	0.19	<0.01				0.32				99.45	11.92
KJC013	MD4679	7	8	2.52	0.14	39.71	23.27	20.51	0.06	0.03		0.13	0.13	0.03	0.18	0.01				0.35				99.66	12.83
KJC013	MD4681	8	9	2.98	0.18	35.52	27.37	20.83	0.06	0.03		0.11	0.24	0.04	0.21	0.01				0.73				100.61	-0.57
KJC013	MD4682	9	10	2.68	0.19	39.74	25.58	18.37	0.06	0.04		0.11	0.27	0.05	0.18	0.01				0.75				100.04	12.05
KJC013	MD4683	10	11	2.04	0.15	51.44	20.17	13.47	0.07	0.08		0.12	0.33	0.06	0.18	0.01				0.71				100.49	11.70
KJC013	MD4684	11	12	2.17	0.12	44.73	24.52	14.92	0.06	0.13		0.13	0.38	0.05	0.21	0.01				0.84				99.95	11.23
KJC013	MD4685	12	13	1.89	0.10	54.12	18.02	12.70	0.03	0.03		0.10	0.20	0.02	0.19	0.03				0.95				100.62	11.24
KJC013	MD4686	13	14	2.33	0.10	43.16	22.73	17.86	0.05	0.02		0.14	0.20	0.02	0.25	0.02				0.96				100.32	11.61
KJC013	MD4687	14	15	1.94	0.08	46.41	22.53	15.62	0.05	0.03		0.12	0.23	0.02	0.24	0.01				0.83				100.12	11.97
KJC013	MD4688	15	16	1.33	0.07	57.40	17.59	10.47	0.06	0.01		0.14	0.22	0.01	0.24	0.02				0.83				100.03	11.48
KJC013	MD4689	16	17	1.23	0.07	60.82	18.45	7.60	0.06	<0.01		0.14	0.21	<0.01	0.21	0.02				0.84				100.65	10.92
KJC013	MD4690	17	18	1.69	0.09	41.59	30.50	13.33	0.05	0.04		0.11	0.35	0.03	0.30	0.02				0.85				99.93	10.20
KJC013	MD4691	18	19	2.10	0.09	41.43	26.46	16.22	0.04	<0.01		0.11	0.30	0.03	0.32	0.03				1.10				100.46	10.45
KJC013	MD4692	19	20	1.75	0.09	59.68	14.64	10.30	0.04	0.02		0.16	0.23	0.02	0.29	0.03				0.98				100.42	11.64
KJC013	MD4693	20	21	1.91	0.10	56.89	15.37	12.57	0.05	0.01		0.15	0.23	0.01	0.29	0.03				1.00				100.52	11.37
KJC013	MD4694	21	22	2.46	0.08	41.53	23.18	18.42	0.04	0.02		0.14	0.30	0.01	0.37	0.02				1.12				100.42	11.13
KJC013	MD4695	22	23	1.98	0.08	46.28	22.04	15.64	0.06	0.02		0.15	0.28	0.01	0.31	0.02				1.02				100.06	12.08
KJC013	MD4696	23	24	2.62	0.09	31.77	28.86	22.04	0.04	0.02		0.13	0.29	0.02	0.35	0.03				1.22				100.28	11.49
KJC013	MD4697	24	25	2.00	0.07	53.09	16.55	13.87	0.05	0.02		0.15	0.28	0.01	0.28	0.04				1.27				99.93	12.29
KJC013	MD4698	25	26	2.31	0.06	45.70	20.24	17.05	0.05	0.02		0.14	0.31	0.01	0.32	0.04				1.30				100.02	11.57
KJC013	MD4699	26	27	1.86	0.06	48.44	19.49	16.45	0.05	0.02		0.15	0.28	0.01	0.30	0.03				0.95				100.61	11.82
KJC013	MD4702	27	28	2.73	0.06	25.62	31.43	25.07	0.05	0.03		0.12	0.40	0.02	0.42	0.04				1.24				100.25	0.44
KJC013	MD4703	28	29	2.06	0.06	46.48	20.62	16.30	0.06	0.10		0.16	0.43	0.02	0.40	0.03				1.12				100.46	12.58
KJC013	MD4704	29	30	2.19	0.05	44.71	21.12	17.09	0.06	0.03		0.13	0.35	0.01	0.36	0.03				1.21				100.02	12.02
KJC014	MD4705	0	1	5.58	0.48	45.02	24.06	14.95	0.15	0.22		0.02	0.61	0.16	0.28	0.01				0.12				100.51	12.08
KJC014	MD4706	1	2	5.97	0.42	63.69	12.40	9.33	0.22	0.07		0.02	0.37	0.05	0.18	0.02				0.08				99.58	8.55
KJC014	MD4707	2	3	6.21	0.42	59.10	15.29	11.17	0.20	0.03		0.02	0.35	0.06	0.19	0.02				0.07				100.38	6.45
KJC014	MD4708	3	4	6.93	0.43	56.31	15.89	12.00	0.18	0.04		0.02	0.40	0.07	0.18	0.01				0.05				99.97	6.98
KJC014	MD4709	4	5	7.02	0.47	59.06	14.41	11.34	0.21	0.04		0.02	0.28	0.05	0.13	0.01				0.05				100.04	7.15
KJC014	MD4710	5	6	8.05	0.51	55.73	15.84	12.36	0.21	0.01		0.03	0.27	0.04	0.10	0.01				0.05				100.40	6.68
KJC014	MD4711	6	7	9.53	0.55	59.53	13.31	10.74	0.23	0.01		0.04	0.28	0.02	0.07	0.01				0.04				100.44	6.95
KJC014	MD4712	7	8	9.94	0.54	56.91	14.70	10.85	0.23	0.10		0.05	0.40	0.02	0.10	0.01				0.06				100.26	5.85
KJC014	MD4713	8	9	10.11	0.55	66.16	9.52	7.76	0.24	0.04		0.05	0.43	0.01	0.07	0.01				0.05				99.90	6.14
KJC014	MD4714	9	10	11.60	0.54	50.98	16.26	12.37	0.23	<0.01		0.08	0.31	0.02	0.06	0.01				0.10				100.20	4.68
KJC014	MD4715	10	11	12.05	0.52	47.20	18.55	13.38	0.24	<0.01		0.06	0.41	0.02	0.08	0.01				0.13				99.91	7.44
KJC014	MD4716	11	12	10.85	0.55	53.58	15.68	12.11	0.21	<0.01		0.05	0.40	0.01	0.07	0.01				0.09				100.14	7.05
KJC014	MD4717	12	13	10.72	0.59	60.67	12.14	9.37	0.21	<0.01		0.05	0.41	0.01	0.07	0.01				0.07				99.87	6.28
KJC014	MD4718	13	14	10.15	0.61	68.14	9.03	7.20	0.24	<0.01		0.04	0.45	<0.01	0.04	0.01				0.05				100.13	5.30
KJC014	MD4719	14	15	4.85	0.31	49.92	24.45	11.87	0.15	0.01		0.07	0.26	0.06	0.17	0.01				0.12				100.11	3.92
KJC014	MD4721	15	16	3.29	0.18	39.73	30.74	14.95	0.10	0.01		0.08	0.16	0.07	0.22	0.01				0.28				99.79	7.57
KJC014	MD4722	16	17	5.45	0.35	63.18	15.13	8.30	0.25	0.01		0.07	0.29	0.03	0.14	0.01				0.18				100.25	9.54

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC014	MD4723	17	18	1.86	0.11	60.71	18.39	9.07	0.18	0.01		0.06	0.15	0.02	0.17	0.01				0.13				99.68	6.42
KJC014	MD4724	18	19	1.72	0.07	72.33	10.96	5.75	0.24	0.06		0.07	0.26	0.02	0.18	0.02				0.09				100.24	8.24
KJC014	MD4725	19	20	2.08	0.08	66.69	13.18	8.03	0.21	<0.01		0.10	0.22	0.02	0.19	0.02				0.23				100.44	7.81
KJC014	MD4726	20	21	3.09	0.11	60.32	15.98	10.26	0.28	0.03		0.08	0.23	0.02	0.27	0.02				0.36				100.02	8.75
KJC014	MD4727	21	22	2.14	0.09	60.87	15.61	9.18	0.19	0.01		0.12	0.27	0.02	0.32	0.03				0.45				99.72	8.40
KJC014	MD4728	22	23	2.08	0.09	62.94	14.83	8.58	0.19	0.01		0.11	0.31	0.02	0.32	0.02				0.68				99.99	9.56
KJC014	MD4729	23	24	2.14	0.10	66.80	11.37	6.64	0.14	0.04		0.16	0.46	0.01	0.37	0.04				1.20				99.57	8.88
KJC014	MD4730	24	25	2.02	0.09	67.84	11.07	6.79	0.15	0.01		0.15	0.45	0.01	0.36	0.04				1.39				100.21	8.96
KJC014	MD4731	25	26	1.83	0.07	57.46	21.94	7.14	0.16	0.01		0.14	0.43	<0.01	0.35	0.03				1.24				100.11	8.71
KJC014	MD4732	26	27	1.91	0.08	47.11	34.09	7.15	0.14	0.21		0.10	0.54	0.02	0.29	0.02				0.82				100.39	8.20
KJC014	MD4733	27	28	1.06	0.04	29.77	56.33	5.70	0.13	0.03		0.08	0.36	0.01	0.22	0.02				0.72				100.37	7.11
KJC014	MD4734	28	29	1.71	0.06	42.46	35.85	7.73	1.31	0.10		0.11	0.91	0.05	0.46	0.03				0.96				100.43	5.36
KJC014	MD4735	29	30	1.21	0.04	31.12	49.54	6.88	0.39	0.09		0.06	1.48	0.04	0.76	0.02				0.77				100.03	7.36
KJC014	MD4736	30	31	1.19	0.04	31.83	47.52	6.31	0.35	0.07		0.07	2.44	0.04	0.89	0.03				0.81				99.70	6.37
KJC014	MD4737	31	32	0.94	0.03	27.00	54.06	4.17	0.46	0.07		0.05	3.96	0.03	0.87	0.03				0.66				99.89	6.62
KJC014	MD4738	32	33	1.08	0.04	31.43	47.92	3.80	0.14	0.07		0.04	5.63	0.03	1.04	0.04				0.78				99.83	6.05
KJC014	MD4739	33	34	0.78	0.03	24.70	58.48	2.73	0.11	0.08		0.03	4.76	0.03	0.87	0.03				0.56				99.68	6.03
KJC014	MD4741	34	35	1.00	0.04	29.69	49.91	3.20	0.66	0.10		0.04	5.73	0.03	1.03	0.03				0.71				99.99	-0.54
KJC014	MD4742	35	36	0.87	0.03	26.16	56.26	2.75	0.22	0.07		0.04	5.36	0.03	0.84	0.03				0.65				99.97	5.87
KJC014	MD4743	36	37	1.04	0.04	29.91	50.19	3.29	0.17	0.10		0.04	6.18	0.03	0.92	0.03				0.74				99.89	5.32
KJC014	MD4744	37	38	1.01	0.03	27.87	53.76	3.03	0.13	0.10		0.04	5.95	0.03	0.85	0.03				0.72				100.13	5.85
KJC014	MD4745	38	39	1.12	0.04	30.03	48.55	3.66	0.29	0.16		0.04	7.23	0.04	0.89	0.03				0.70				100.14	5.41
KJC014	MD4746	39	40	1.19	0.04	31.78	46.56	3.43	0.41	0.09		0.04	7.06	0.04	0.91	0.03				0.90				99.85	6.18
KJC014	MD4747	40	41	0.92	0.03	26.96	55.08	2.72	0.37	0.06		0.03	5.51	0.03	0.69	0.03				0.79				100.09	6.21
KJC014	MD4748	41	42	1.29	0.03	24.44	56.14	3.48	0.22	0.07		0.03	6.61	0.03	0.63	0.02				0.65				100.16	5.95
KJC014	MD4749	42	43	1.33	0.05	35.95	41.11	4.41	0.47	0.05		0.04	7.26	0.02	0.50	0.04				0.94				100.27	5.70
KJC014	MD4750	43	44	0.86	0.03	23.56	60.26	2.57	0.14	0.10		0.03	5.31	0.03	0.69	0.02				0.65				100.23	6.83
KJC014	MD4751	44	45	0.78	0.03	23.97	60.67	2.44	0.08	0.25		0.03	5.18	0.03	0.61	0.02				0.61				99.99	5.15
KJC014	MD4752	45	46	0.75	0.02	23.09	58.73	2.73	0.10	0.89		0.03	7.35	0.03	0.58	0.02				0.64				100.43	4.48
KJC014	MD4753	46	47	0.70	0.02	22.66	59.60	2.24	0.09	1.20		0.04	7.00	0.03	0.59	0.02				0.58				100.34	4.68
KJC014	MD4754	47	48	0.91	0.03	28.81	50.35	2.91	0.11	1.26		0.04	8.21	0.03	0.67	0.02				0.80				100.22	4.81
KJC015	MD4755	0	1	2.58	0.24	44.99	26.84	10.85	0.08	1.28		0.05	2.07	0.18	0.38	0.01				0.27				100.11	5.16
KJC015	MD4756	1	2	3.07	0.23	37.77	32.21	12.53	0.13	0.50		0.05	2.34	0.09	0.48	0.02				0.32				99.66	9.79
KJC015	MD4757	2	3	4.60	0.19	25.91	37.30	20.29	0.04	0.03		0.04	0.35	0.10	0.39	0.01				0.13				100.18	9.41
KJC015	MD4758	3	4	4.91	0.24	34.34	33.66	15.91	0.09	0.02		0.07	0.31	0.06	0.35	0.01				0.08				99.81	10.56
KJC015	MD4759	4	5	4.77	0.26	42.48	27.12	13.97	0.09	0.01		0.16	0.19	0.04	0.22	0.01				0.05				99.77	9.51
KJC015	MD4761	**5**	**6**	6.93	0.32	42.79	27.75	12.15	0.12	<0.01		0.11	0.21	0.06	0.23	0.02				0.04				99.95	10.26
KJC015	MD4762	6	7	7.14	0.42	47.24	22.98	11.28	0.14	0.10		0.16	0.14	0.04	0.16	0.02				0.03				99.52	8.98
KJC015	MD4763	7	8	6.39	0.31	44.61	25.40	12.05	0.13	<0.01		0.17	0.07	0.02	0.18	0.01				0.04				99.35	9.46
KJC015	MD4764	8	9	7.87	0.33	48.18	22.18	11.68	0.17	<0.01		0.16	0.07	0.02	0.16	0.01				0.04				100.35	9.81
KJC015	MD4765	9	10	6.82	0.31	49.15	21.78	11.44	0.14	<0.01		0.16	0.06	0.02	0.14	0.01				0.04				99.67	9.32
KJC015	MD4766	10	11	7.52	0.37	54.06	17.34	10.11	0.14	<0.01		0.19	0.13	0.01	0.12	0.01				0.04				99.46	9.46
KJC015	MD4767	11	12	7.85	0.35	55.45	16.17	9.52	0.14	<0.01		0.20	0.15	0.01	0.12	0.02				0.07				99.93	9.25
KJC015	MD4768	12	13	10.82	0.47	50.01	22.98	8.50	0.20	0.02		0.08	0.50	0.02	0.32	0.06				0.02				99.82	9.64
KJC015	MD4769	13	14	9.49	0.49	54.12	22.69	7.21	0.26	0.02		0.05	0.64	<0.01	0.41	0.04				0.01				100.04	5.41
KJC015	MD4770	14	15	7.59	0.38	46.08	34.33	5.71	0.22	0.02		0.04	0.60	0.01	0.49	0.02				0.01				100.01	4.05
KJC015	MD4771	15	16	8.14	0.42	48.56	29.07	7.22	0.24	0.02		0.05	0.67	<0.01	0.50	0.02				0.01				99.92	3.87
KJC015	MD4772	16	17	11.65	0.61	51.93	21.76	8.56	0.27	0.02		0.05	0.77	<0.01	0.46	0.02				0.01				100.42	4.49
KJC015	MD4773	17	18	7.19	0.41	36.74	31.53	15.45	0.17	0.04		0.06	0.87	0.05	0.61	0.02				0.04				100.16	3.90
KJC015	MD4774	18	19	4.01	0.25	22.92	40.92	20.69	0.09	0.05		0.06	0.94	0.05	0.82	0.02				0.07				100.37	6.33
KJC015	MD4775	19	20	4.81	0.23	38.78	40.88	7.59	0.16	0.04		0.05	0.71	0.02	0.64	0.02				0.10				100.01	8.56
KJC015	MD4776	20	21	3.04	0.15	37.74	43.97	7.40	0.12	0.05		0.04	0.60	0.02	0.64	0.02				0.05				100.11	5.29
KJC015	MD4777	21	22	2.00	0.09	27.67	51.70	8.73	0.10	0.60		0.03	1.64	0.02	0.74	0.02				0.10				100.30	5.56
KJC015	MD4778	22	23	3.24	0.05	23.25	43.27	16.39	0.12	0.10		0.05	1.77	0.05	0.97	0.03				0.03				99.70	6.10
KJC015	MD4779	23	24	5.05	0.13	26.82	42.19	13.98	0.23	0.10		0.05	1.42	0.03	1.02	0.03				0.11				99.71	8.42
KJC015	MD4781	24	25	4.19	0.15	26.54	44.14	13.27	0.21	0.10		0.05	1.50	0.03	1.03	0.03				0.16				100.03	0.04
KJC015	MD4782	25	26	4.97	0.19	32.50	37.69	12.96	0.21	0.09		0.08	1.37	0.02	0.95	0.04				0.28				99.95	7.68
KJC015	MD4783	26	27	5.29	0.19	47.91	24.87	11.80	0.20	0.04		0.09	0.68	0.01	0.50	0.01				0.50				100.25	7.87
KJC015	MD4784	27	28	3.14	0.11	46.94	31.90	7.74	0.15	0.05		0.09	0.77	0.01	0.53	0.02				0.61				99.72	7.55
KJC015	MD4785	28	29	4.31	0.20	46.59	27.25	8.55	0.50	0.47		0.03	3.47	0.03	0.83	0.03				0.41				99.87	6.97
KJC015	MD4786	29	30	1.12	0.06	18.73	46.54	16.08	0.75	1.26		0.02	3.88	0.25	1.36	0.04				0.11				100.04	6.11
KJC015	MD4787	30	31	0.86	0.06	14.79	48.00	15.11	0.29	6.78		0.02	6.70	0.30	1.69	0.03				0.07				100.04	8.10

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC015	MD4788	31	32	1.16	0.09	17.11	46.41	15.79	0.61	0.80		0.03	6.55	0.74	1.52	0.05				0.07				100.42	4.59
KJC015	MD4789	32	33	7.20	0.50	52.32	21.67	6.36	1.05	0.12		0.02	4.24	0.15	0.76	0.04				0.15				99.95	8.25
KJC015	MD4790	33	34	4.27	0.25	53.90	26.80	4.77	0.51	0.17		0.03	3.38	0.07	0.84	0.03				0.25				100.24	4.46
KJC015	MD4791	34	35	1.24	0.06	46.94	37.75	3.64	0.38	0.14		0.03	2.91	0.06	0.92	0.03				0.07				100.29	4.20
KJC015	MD4792	35	36	1.10	0.06	47.58	38.59	3.12	0.42	0.14		0.03	2.36	0.06	0.94	0.02				0.07				100.49	5.39
KJC015	MD4793	36	37	1.09	0.06	41.71	43.18	3.27	0.76	0.17		0.03	2.84	0.08	0.88	0.03				0.08				100.11	5.26
KJC015	MD4794	37	38	1.08	0.05	49.24	32.90	3.42	0.47	0.16		0.04	4.40	0.07	1.17	0.03				0.09				100.13	5.18
KJC015	MD4795	38	39	0.99	0.05	46.16	37.83	3.08	0.64	0.20		0.03	4.15	0.06	1.00	0.02				0.13				100.37	6.15
KJC015	MD4796	39	40	0.83	0.04	35.11	48.96	2.62	1.09	0.19		0.04	3.75	0.08	0.96	0.02				0.10				99.99	5.30
KJC015	MD4797	40	41	0.87	0.04	33.89	46.36	2.65	0.45	1.50		0.04	6.63	0.07	1.10	0.02				0.10				100.35	5.37
KJC015	MD4798	41	42	0.69	0.03	26.53	59.91	2.20	0.37	0.46		0.03	3.85	0.05	0.66	0.01				0.15				99.88	5.84
KJC015	MD4799	42	43	0.89	0.04	27.47	52.07	2.90	0.15	1.75		0.04	7.45	0.04	0.77	0.02				0.47				100.02	4.39
KJC015	MD4801	43	44	0.83	0.04	22.27	54.99	2.61	0.09	2.73		0.03	9.58	0.04	0.74	0.02				0.46				99.70	1.25
KJC015	MD4802	44	45	0.77	0.04	21.57	57.44	2.42	0.09	2.51		0.02	8.97	0.04	0.65	0.01				0.43				99.90	4.60
KJC015	MD4803	45	46	0.83	0.03	21.73	58.55	2.48	0.07	1.92		0.03	8.43	0.04	0.65	0.01				0.42				100.16	4.39
KJC015	MD4804	46	47	0.89	0.04	22.45	56.78	2.68	0.11	1.83		0.03	9.44	0.03	0.52	0.01				0.46				100.18	4.43
KJC015	MD4805	47	48	0.60	0.03	17.68	68.27	1.65	0.08	1.02		0.02	6.08	0.03	0.25	0.01				0.29				99.69	4.26
KJC015	MD4806	48	49	0.68	0.03	19.07	48.33	1.73	0.29	6.53		0.04	11.45	0.03	0.26	0.01				0.35				99.85	3.32
KJC015	MD4807	49	50	0.43	0.02	13.69	28.89	1.21	0.24	15.28		0.02	16.82	0.02	0.16	0.01				0.26				99.68	10.56
KJC015	MD4808	50	51	0.60	0.02	14.95	43.58	1.75	0.27	9.69		0.10	13.64	0.02	0.24	0.01				0.42				99.59	22.32
KJC015	MD4809	51	52	0.59	0.02	16.46	34.97	1.78	0.22	7.64		0.13	22.98	0.01	0.17	0.01				0.40				99.57	13.82
KJC015	MD4810	52	53	0.62	0.02	17.22	36.87	1.93	0.19	3.36		0.11	28.22	0.01	0.12	0.01				0.40				100.03	13.87
KJC015	MD4811	53	54	0.65	0.02	17.07	37.35	1.98	0.18	2.79		0.12	28.81	<0.01	0.11	0.01				0.40				99.74	10.62
KJC015	MD4812	54	55	0.63	0.02	16.59	37.01	1.94	0.18	4.88		0.11	27.17	0.01	0.12	0.01				0.39				99.67	9.93
KJC015	MD4813	55	56	0.59	0.02	14.75	32.91	2.17	0.22	12.92		0.11	17.44	0.01	0.19	0.01				0.40				99.69	10.25
KJC015	MD4814	56	57	0.53	0.02	13.83	40.06	2.31	0.25	10.49		0.06	14.79	0.01	0.16	0.01				0.33				99.77	17.51
KJC015	MD4815	57	58	0.45	0.01	12.66	32.78	1.61	0.33	13.71		0.04	15.21	0.01	0.14	0.01				0.29				99.58	16.55
KJC015	MD4816	58	59	0.63	0.02	14.94	35.33	1.99	0.22	11.45		0.12	17.78	0.02	0.25	0.01				0.44				99.61	21.96
KJC015	MD4817	59	60	0.64	0.02	15.50	35.76	1.96	0.21	8.82		0.12	21.63	0.01	0.22	0.01				0.45				99.43	15.90
KJC015	MD4818	60	61	0.55	0.01	14.88	33.36	1.69	0.20	6.99		0.11	25.79	0.02	0.22	0.01				0.37				99.44	13.55
KJC015	MD4819	61	62	0.58	0.02	15.81	34.61	1.75	0.19	4.16		0.10	29.05	0.01	0.16	0.01				0.39				99.35	14.82
KJC015	MD4821	62	63	0.58	0.02	15.79	35.18	1.75	0.18	3.96		0.10	29.78	0.01	0.14	0.01				0.40				99.49	1.18
KJC015	MD4822	63	64	0.60	0.02	16.62	36.28	1.81	0.20	2.77		0.11	31.05	0.01	0.11	0.01				0.42				99.76	11.25
KJC015	MD4823	64	65	0.62	0.02	17.16	36.56	1.86	0.20	2.37		0.12	31.65	<0.01	0.09	0.01				0.44				99.61	9.42
KJC015	MD4824	65	66	0.61	0.02	16.61	36.95	1.81	0.20	2.73		0.10	30.50	0.01	0.11	0.01				0.42				99.46	8.16
KJC016	MD7072	0	1	1.32	0.06	11.16	47.33	13.83	0.11	4.67		0.09	5.53	1.86	1.20	0.01				0.09				99.67	12.03
KJC016	MD7073	1	2	1.37	0.06	11.85	50.80	16.45	0.12	1.75		0.11	3.64	2.14	1.46	0.01				0.09				99.44	9.06
KJC016	MD7074	2	3	1.42	0.06	12.12	52.40	17.83	0.12	0.65		0.11	2.91	2.31	1.53	0.01				0.09				100.19	8.04
KJC016	MD7075	3	4	1.42	0.06	12.47	52.10	18.74	0.11	0.22		0.11	2.58	2.30	1.59	0.01				0.09				100.25	7.82
KJC016	MD7076	4	5	1.52	0.07	13.56	50.60	18.89	0.08	0.18		0.11	2.36	2.15	1.55	0.01				0.10				99.83	8.06
KJC016	MD7077	5	6	1.45	0.06	13.26	50.26	20.37	0.04	0.09		0.12	2.09	2.03	1.52	0.01				0.10				100.49	8.50
KJC016	MD7078	6	7	1.53	0.07	14.35	46.85	21.15	0.04	0.11		0.16	1.82	1.76	1.30	0.01				0.10				100.09	10.42
KJC016	MD7079	7	8	4.15	0.25	40.18	24.23	18.12	0.07	0.03		1.14	0.50	0.94	0.50	0.01				0.19				99.96	10.38
KJC016	MD7080	8	9	2.46	0.16	34.17	46.40	9.05	0.06	0.01		0.18	1.45	0.15	0.35	0.01				0.43				100.55	5.50
KJC016	MD7081	9	10	1.78	0.07	29.12	57.85	3.21	0.07	0.01		0.11	1.07	0.08	0.44	0.01				0.80				100.05	5.11
KJC016	MD7082	10	11	1.30	0.06	19.03	72.14	1.84	0.06	0.01		0.08	0.58	0.05	0.30	0.01				0.61				99.91	3.57
KJC016	MD7083	11	12	1.03	0.05	14.94	78.89	1.25	0.06	0.02		0.07	0.47	0.05	0.21	0.01				0.47				100.49	2.75
KJC016	MD7085	12	13	1.33	0.06	15.37	77.12	1.20	0.08	0.01		0.08	0.48	0.04	0.22	0.01				0.51				99.77	3.03
KJC016	MD7086	13	14	1.22	0.06	18.11	75.12	1.05	0.11	0.01		0.08	0.47	0.02	0.23	0.01				0.51				100.54	3.27
KJC016	MD7087	14	15	0.89	0.04	14.20	80.81	0.93	0.07	0.02		0.05	0.35	0.02	0.22	0.01				0.36				100.33	2.15
KJC016	MD7088	15	16	0.94	0.04	16.93	77.16	1.16	0.07	0.03		0.07	0.47	0.03	0.23	0.01				0.35				100.23	2.50
KJC016	MD7089	16	17	1.29	0.05	22.52	68.08	2.25	0.12	0.08		0.09	0.85	0.03	0.37	0.01				0.39				100.21	3.74
KJC016	MD7090	17	18	1.56	0.06	27.32	62.89	1.97	0.09	0.06		0.08	0.96	0.01	0.37	0.01				0.47				100.02	3.79
KJC016	MD7091	18	19	2.40	0.09	36.35	48.02	5.48	0.16	0.02		0.10	0.69	0.02	0.52	0.01				0.49				100.03	5.23
KJC016	MD7092	19	20	1.82	0.06	20.81	65.89	5.10	0.13	0.03		0.05	0.69	0.02	0.46	0.01				0.25				99.75	4.09
KJC016	MD7093	20	21	1.44	0.06	17.83	63.29	7.92	0.11	0.05		0.05	1.52	0.25	0.74	0.01				0.21				99.26	5.43
KJC016	MD7094	21	22	1.52	0.05	16.91	57.00	13.65	0.07	0.06		0.06	1.73	1.10	0.95	0.01				0.19				100.39	6.65
KJC016	MD7095	22	23	1.22	0.03	16.49	51.23	18.15	0.02	0.27		0.07	1.53	0.63	1.43	0.01				0.15				100.01	8.35
KJC016	MD7096	23	24	1.16	0.02	15.58	50.19	19.59	0.01	0.51		0.08	1.47	0.31	1.57	0.01				0.14				99.92	8.76
KJC016	MD7097	24	25	0.98	0.03	13.87	51.81	20.87	<0.01	0.65		0.08	0.88	0.11	1.52	0.01				0.12				100.57	9.20
KJC016	MD7098	25	26	1.05	0.03	15.15	49.21	21.42	<0.01	0.92		0.08	0.98	0.09	1.96	0.01				0.13				100.47	8.95
KJC016	MD7099	26	27	1.03	0.03	15.57	48.92	20.89	<0.01	0.32		0.09	1.46	0.20	1.56	0.01				0.14				100.38	9.62

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC016	MD7100	27	28	1.02	0.03	14.41	48.22	22.16	<0.01	0.93		0.07	1.12	0.20	2.02	0.01				0.11				99.82	9.05
KJC016	MD7101	28	29	1.07	0.03	14.43	48.95	21.94	<0.01	0.56		0.07	1.04	0.13	1.69	0.01				0.12				99.89	9.35
KJC016	MD7102	29	30	1.06	0.04	14.22	48.69	22.72	<0.01	0.37		0.07	0.82	0.34	1.42	0.01				0.12				100.03	9.75
KJC016	MD7103	30	31	0.93	0.03	13.46	49.77	22.12	<0.01	1.02		0.05	0.96	0.15	2.36	0.01				0.09				99.87	8.60
KJC016	MD7104	31	32	0.94	0.04	12.79	50.83	19.39	0.06	3.50		0.03	3.39	0.36	2.27	0.01				0.09				100.37	6.37
KJC016	MD7105	32	33	0.92	0.04	12.72	50.91	16.55	0.18	4.47		0.02	5.22	0.51	2.40	0.01				0.09				99.48	5.15
KJC016	MD7106	33	34	0.90	0.04	12.12	51.12	14.11	0.27	8.18		0.01	7.75	0.92	2.29	0.01				0.09				100.51	2.44
KJC016	MD7107	34	35	0.90	0.04	12.04	50.49	13.88	0.35	8.05		0.01	7.76	1.43	2.26	0.02				0.09				99.73	2.14
KJC016	MD7108	35	36	0.91	0.04	12.02	52.03	13.74	0.20	6.81		0.01	7.33	1.95	2.14	0.02				0.09				99.83	2.33
KJC016	MD7109	36	37	0.95	0.06	12.90	50.91	14.26	0.32	8.66		0.01	6.39	0.91	2.74	0.01				0.05				100.14	1.73
KJC016	MD7110	37	38	1.15	0.06	14.17	51.01	13.95	0.40	8.15		0.01	5.58	0.82	2.51	0.01				0.03				100.16	2.06
KJC016	MD7111	38	39	1.23	0.06	13.44	52.85	13.33	0.22	8.29		0.01	5.59	0.93	2.04	0.01				0.02				99.90	1.67
KJC016	MD7112	39	40	0.89	0.05	11.37	51.66	14.43	0.17	9.28		0.01	7.25	0.69	2.54	0.01				0.04				99.92	1.34
KJC016	MD7113	40	41	0.93	0.05	11.65	51.71	13.95	0.18	9.72		0.01	7.30	0.60	2.31	0.01				0.05				99.67	1.03
KJC016	MD7114	41	42	0.92	0.05	11.42	50.34	14.02	0.18	10.80		0.01	8.10	0.53	2.34	0.01				0.07				99.85	0.87
KJC017	MD7115	0	1	1.19	0.07	9.85	35.91	9.47	0.10	10.45		0.06	9.62	1.41	0.94	<0.01				0.05				99.52	20.08
KJC017	MD7116	1	2	1.99	0.10	17.96	49.99	15.73	0.14	0.87		0.08	2.42	1.95	1.23	0.01				0.10				100.22	7.22
KJC017	MD7117	2	3	2.10	0.10	18.61	49.79	16.08	0.12	0.41		0.09	1.87	1.81	1.25	0.01				0.10				99.68	6.92
KJC017	MD7118	3	4	2.43	0.12	21.83	49.67	14.74	0.14	0.23		0.09	1.41	1.66	1.04	0.01				0.11				100.04	6.18
KJC017	MD7119	4	5	3.13	0.17	30.05	42.79	14.00	0.10	0.12		0.13	1.03	1.23	0.78	0.01				0.14				100.08	6.08
KJC017	MD7120	5	6	2.19	0.10	18.69	44.33	21.75	0.04	0.05		0.18	1.04	0.99	1.01	<0.01				0.10				99.93	9.10
KJC017	MD7121	6	7	2.17	0.09	18.78	42.32	21.84	0.04	0.22		0.21	1.10	0.86	0.96	<0.01				0.10				100.18	11.21
KJC017	MD7122	7	8	3.04	0.13	23.69	43.17	19.00	0.04	0.07		0.18	0.86	0.59	0.84	<0.01				0.12				100.13	8.14
KJC017	MD7123	8	9	3.44	0.14	26.09	44.31	16.04	0.05	0.08		0.12	0.93	0.45	0.98	<0.01				0.14				99.93	6.89
KJC017	MD7124	9	10	2.14	0.09	15.29	57.27	14.62	0.02	0.07		0.09	1.40	1.01	1.23	0.01				0.11				100.02	6.38
KJC017	MD7125	10	11	1.30	0.06	10.47	62.28	14.24	0.02	0.03		0.06	2.28	2.09	1.09	0.01				0.09				99.99	5.70
KJC017	MD7126	11	12	1.34	0.06	10.90	62.42	13.06	0.02	0.02		0.07	3.01	1.94	1.13	0.01				0.14				100.11	5.65
KJC017	MD7127	12	13	1.48	0.08	6.54	69.19	13.25	<0.01	0.02		0.09	0.91	0.70	0.93	<0.01				0.12				99.69	6.00
KJC017	MD7128	13	14	1.49	0.09	20.01	60.08	9.54	<0.01	0.03		0.13	0.68	0.61	0.76	0.01				0.14				100.44	6.57
KJC017	MD7129	14	15	1.58	0.08	10.00	65.96	12.57	<0.01	0.02		0.09	1.23	0.28	1.09	0.01				0.14				99.73	6.31
KJC017	MD7130	15	16	1.05	0.08	19.87	55.96	13.17	0.02	0.02		0.11	0.85	0.73	0.55	0.01				0.13				100.51	7.69
KJC017	MD7131	16	17	1.13	0.05	11.84	57.58	14.74	0.03	0.02		0.06	4.62	2.59	0.90	0.01				0.16				100.02	6.04
KJC017	MD7132	17	18	1.05	0.06	12.76	56.36	14.13	0.05	0.02		0.06	5.42	2.79	0.93	0.02				0.15				99.80	5.76
KJC017	MD7133	18	19	1.20	0.06	11.04	59.99	15.21	0.02	0.03		0.07	2.65	1.64	1.20	0.01				0.12				100.33	6.75
KJC017	MD7134	19	20	1.19	0.06	12.24	59.22	14.53	0.03	0.03		0.07	3.35	1.79	1.14	0.02				0.12				100.28	6.18
KJC017	MD7135	20	21	1.29	0.05	15.62	56.91	14.31	0.02	0.03		0.08	2.30	1.18	1.22	0.01				0.13				100.18	6.72
KJC017	MD7136	21	22	1.03	0.04	14.24	56.18	17.10	0.01	0.05		0.08	1.47	0.43	1.37	0.01				0.12				100.41	7.90
KJC017	MD7137	22	23	1.04	0.04	14.04	54.35	19.00	<0.01	0.08		0.08	1.04	0.34	1.47	0.01				0.12				100.44	8.45
KJC017	MD7138	23	24	1.12	0.04	14.88	52.57	19.25	<0.01	0.07		0.10	0.95	0.58	1.27	0.01				0.12				100.24	8.77
KJC017	MD7139	24	25	1.12	0.04	15.27	49.48	21.06	<0.01	0.04		0.11	1.04	0.50	1.24	0.01				0.12				100.09	9.65
KJC017	MD7141	25	26	0.99	0.05	10.67	52.00	20.38	0.04	0.05		0.06	3.94	3.02	0.94	0.02				0.11				99.73	7.12
KJC017	MD7142	26	27	0.89	0.05	13.56	45.06	22.19	0.07	0.03		0.08	5.02	3.46	0.92	0.02				0.11				100.05	8.15
KJC017	MD7143	27	28	2.17	0.06	23.65	37.66	17.00	0.20	0.03		0.09	6.20	2.47	1.02	0.03				0.32				100.08	8.64
KJC017	MD7144	28	29	2.57	0.07	30.02	34.89	16.03	0.29	0.03		0.13	3.99	1.14	1.12	0.02				0.36				100.56	9.29
KJC017	MD7145	29	30	1.85	0.07	28.94	45.61	12.73	0.25	0.05		0.13	1.29	0.19	0.75	0.02				0.41				100.57	7.68
KJC017	MD7146	30	31	1.30	0.04	23.11	55.45	11.66	0.17	0.05		0.08	0.73	0.06	0.53	0.02				0.35				100.54	6.46
KJC017	MD7147	31	32	0.93	0.03	13.59	69.02	6.88	0.13	0.41		0.04	3.22	0.07	0.49	0.01				0.24				99.65	4.27
KJC017	MD7148	32	33	0.83	0.03	17.09	66.22	3.27	0.15	1.40		0.02	6.74	0.07	0.45	0.01				0.33				100.15	3.24
KJC017	MD7149	33	34	0.76	0.03	18.47	64.22	3.04	0.12	1.93		0.02	6.62	0.08	0.35	0.01				0.29				99.88	3.64
KJC017	MD7150	34	35	1.05	0.04	24.80	55.82	3.63	0.13	1.89		0.02	7.34	0.05	0.63	0.02				0.45				100.32	3.98
KJC017	MD7151	35	36	1.04	0.04	21.81	55.77	3.35	0.25	1.90		0.02	10.35	0.06	0.63	0.02				0.42				100.00	3.81
KJC017	MD7152	36	37	0.99	0.03	21.93	57.52	3.15	0.33	1.91		0.03	8.65	0.04	0.81	0.02				0.44				100.20	3.68
KJC017	MD7153	37	38	1.24	0.03	25.05	51.84	3.75	0.27	1.83		0.04	9.55	0.04	1.01	0.02				0.49				100.16	4.19
KJC017	MD7154	38	39	1.25	0.03	25.34	50.94	3.60	0.48	1.51		0.05	9.56	0.05	1.13	0.02				0.51				99.90	4.57
KJC017	MD7155	39	40	1.22	0.03	24.31	51.36	3.41	0.28	1.48		0.04	11.08	0.05	1.03	0.02				0.47				100.13	4.55
KJC017	MD7156	40	41	1.19	0.03	23.93	52.30	3.65	0.14	1.61		0.04	10.65	0.05	1.04	0.01				0.45				100.39	4.51
KJC017	MD7157	41	42	1.39	0.04	27.04	47.58	3.90	0.16	2.14		0.05	10.74	0.05	1.08	0.02				0.50				100.16	4.61
KJC018	MD7158	0	1	2.01	0.10	18.44	37.22	8.73	0.14	7.67		0.07	8.01	1.04	0.89	0.01				0.14				99.88	14.98
KJC018	MD7159	1	2	1.95	0.08	14.22	47.16	13.98	0.11	3.66		0.09	4.66	1.55	1.17	0.01				0.08				100.17	11.02
KJC018	MD7160	2	3	1.92	0.08	14.43	50.45	17.29	0.11	1.13		0.10	2.89	1.72	1.33	0.01				0.09				100.46	8.42
KJC018	MD7161	3	4	1.72	0.07	12.69	50.42	20.38	0.07	0.21		0.11	1.94	1.73	1.37	0.01				0.08				99.53	8.24
KJC018	MD7162	4	5	1.55	0.06	11.84	49.08	22.70	0.06	0.14		0.12	1.77	1.68	1.39	0.01				0.08				100.22	9.22

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC018	MD7163	5	6	2.41	0.12	22.65	41.83	20.78	0.05	0.16		0.16	1.28	1.04	0.97	0.01				0.11				100.55	8.65
KJC018	MD7164	6	7	2.75	0.14	25.37	41.38	16.75	0.05	0.92		0.13	1.77	0.55	1.02	0.01				0.13				99.96	8.72
KJC018	MD7165	7	8	1.52	0.08	13.50	58.54	15.26	0.01	0.19		0.09	1.49	0.60	1.21	0.01				0.12				100.30	7.29
KJC018	MD7166	8	9	1.08	0.07	9.09	67.41	13.50	0.01	0.05		0.06	1.16	0.46	1.01	0.01				0.10				100.19	5.96
KJC018	MD7167	9	10	0.78	0.09	37.65	43.14	8.40	0.01	0.05		0.17	0.43	0.16	0.41	0.01				0.13				99.88	8.35
KJC018	MD7168	10	11	0.85	0.09	34.67	43.24	10.58	0.01	0.03		0.18	0.27	0.45	0.30	<0.01				0.12				99.67	8.78
KJC018	MD7169	11	12	0.95	0.07	18.80	57.11	12.98	0.02	0.03		0.11	1.43	0.98	0.59	0.01				0.12				100.35	6.96
KJC018	MD7170	12	13	1.00	0.06	10.20	62.85	14.80	0.02	0.03		0.05	2.31	1.26	0.76	0.01				0.12				99.99	6.32
KJC018	MD7171	13	14	1.12	0.08	12.20	62.67	14.30	0.02	0.02		0.08	1.39	0.94	0.68	0.01				0.15				100.38	6.48
KJC018	MD7172	14	15	1.41	0.07	8.28	65.62	15.02	<0.01	0.03		0.07	1.35	0.49	1.05	0.01				0.15				100.32	6.39
KJC018	MD7173	15	16	1.49	0.04	11.94	64.69	12.76	<0.01	0.02		0.09	1.15	0.14	0.96	<0.01				0.14				99.98	6.19
KJC018	MD7174	16	17	1.31	0.07	15.09	58.94	14.51	0.01	0.03		0.09	1.30	0.17	1.21	0.01				0.16				100.13	6.86
KJC018	MD7175	17	18	1.32	0.05	14.39	62.04	12.51	<0.01	0.04		0.10	1.27	0.29	1.12	0.01				0.16				100.01	6.31
KJC018	MD7176	18	19	1.14	0.04	11.85	66.23	11.77	<0.01	0.05		0.09	1.30	0.53	1.06	0.01				0.13				100.37	5.75
KJC018	MD7177	19	20	1.19	0.07	18.75	59.85	10.52	<0.01	0.05		0.11	1.05	1.15	1.03	0.01				0.15				99.96	5.68
KJC018	MD7178	20	21	1.25	0.07	13.40	60.11	14.48	0.02	0.04		0.09	1.63	0.84	0.98	0.01				0.12				100.04	6.64
KJC018	MD7179	21	22	1.19	0.06	9.98	54.55	19.36	0.04	0.05		0.06	3.66	2.50	0.91	0.01				0.12				99.65	6.85
KJC018	MD7180	22	23	1.03	0.06	10.19	53.51	20.21	0.04	0.04		0.08	3.28	2.37	0.69	0.01				0.10				99.44	7.53
KJC018	MD7181	23	24	1.03	0.06	10.45	53.74	18.95	0.05	0.05		0.07	4.47	2.70	0.76	0.01				0.11				99.57	6.80
KJC018	MD7182	24	25	0.96	0.05	8.83	53.09	20.30	0.03	0.06		0.10	2.85	1.82	0.83	0.01				0.09				99.59	10.32
KJC018	MD7183	25	26	1.05	0.04	11.41	51.37	21.59	0.02	0.10		0.10	1.57	1.17	1.35	0.01				0.09				99.86	9.59
KJC018	MD7184	26	27	1.00	0.04	12.74	50.45	22.32	<0.01	0.12		0.10	1.32	0.33	1.58	0.01				0.12				99.97	9.37
KJC018	MD7185	27	28	1.07	0.05	12.34	51.47	21.89	0.01	0.13		0.10	1.29	0.30	1.45	0.01				0.12				100.06	9.37
KJC018	MD7186	28	29	1.02	0.05	12.36	53.23	20.29	0.01	0.11		0.09	1.38	0.56	1.34	0.01				0.12				99.60	8.61
KJC018	MD7187	29	30	0.82	0.05	12.73	49.99	19.83	0.09	0.07		0.09	4.68	2.62	0.80	0.02				0.09				99.84	7.59
KJC018	MD7188	30	31	0.72	0.05	13.13	52.14	16.87	0.11	0.08		0.07	5.78	3.14	0.57	0.02				0.08				99.51	6.58
KJC018	MD7189	31	32	0.73	0.05	16.49	46.25	17.39	0.18	0.06		0.09	6.65	3.67	0.51	0.02				0.08				99.43	6.92
KJC018	MD7190	32	33	0.79	0.05	9.35	53.56	17.96	0.25	1.24		0.05	6.17	3.38	0.44	0.02				0.08				99.41	5.76
KJC018	MD7191	33	34	0.92	0.06	9.68	50.36	18.02	0.30	3.48		0.03	7.14	3.93	0.42	0.02				0.10				99.41	4.62
KJC018	MD7192	34	35	1.03	0.06	8.28	54.00	18.29	0.23	2.54		0.04	5.47	3.07	0.54	0.02				0.11				99.46	5.45
KJC018	MD7193	35	36	1.00	0.07	13.91	50.30	17.26	0.20	1.36		0.05	4.98	2.72	0.73	0.03				0.10				99.73	6.57
KJC018	MD7194	36	37	0.74	0.08	26.16	44.46	12.78	0.21	0.66		0.05	4.14	1.94	0.96	0.04				0.08				99.90	7.16
KJC018	MD7195	37	38	1.12	0.07	11.43	51.22	18.31	0.08	0.60		0.05	5.68	3.12	0.95	0.02				0.13				99.49	6.27
KJC018	MD7196	38	39	0.77	0.04	9.24	58.98	16.53	0.08	1.89		0.04	3.32	1.50	1.21	0.02				0.08				99.73	5.67
KJC018	MD7197	39	40	0.78	0.04	8.91	60.39	16.63	0.06	1.52		0.04	2.48	1.48	1.30	0.01				0.07				99.67	5.59
KJC018	MD7198	40	41	0.86	0.07	17.24	50.31	16.47	0.07	1.03		0.04	3.02	2.37	1.31	0.02				0.10				99.78	6.45
KJC018	MD7199	41	42	0.94	0.05	13.88	51.43	15.13	0.09	5.81		0.03	4.95	0.64	2.15	0.01				0.10				99.55	4.00
KJC018	MD7200	42	43	0.79	0.05	12.66	59.53	12.54	0.04	0.99		0.04	3.89	0.90	1.69	0.02				0.13				99.53	5.91
KJC018	MD7201	43	44	0.94	0.05	11.58	51.40	14.82	0.12	7.19		0.02	6.89	1.19	1.85	0.01				0.11				99.56	3.10
KJC018	MD7202	44	45	1.00	0.05	12.16	54.78	15.88	0.05	2.35		0.03	4.01	1.81	1.38	0.01				0.12				99.52	5.51
KJC018	MD7203	45	46	0.99	0.05	10.70	54.51	15.55	0.08	4.92		0.02	4.91	1.68	1.23	0.01				0.12				99.48	4.41
KJC018	MD7204	46	47	0.96	0.05	9.89	52.65	17.22	0.07	4.16		0.02	5.38	3.25	1.03	0.02				0.11				99.47	4.36
KJC018	MD7205	47	48	1.01	0.05	9.87	54.49	16.62	0.06	3.60		0.02	4.76	2.37	1.33	0.02				0.11				99.48	4.84
KJC018	MD7206	48	49	0.82	0.04	13.31	55.78	12.64	0.10	4.24		0.02	5.12	1.74	1.19	0.02				0.09				99.76	4.35
KJC018	MD7207	49	50	0.83	0.04	12.02	51.17	12.51	0.15	8.95		0.01	8.82	1.10	1.65	0.01				0.11				99.76	2.15
KJC018	MD7208	50	51	1.05	0.05	12.36	50.04	12.32	0.16	9.91		0.01	8.76	1.11	1.95	0.01				0.11				99.64	1.55
KJC018	MD7209	51	52	0.85	0.05	12.38	49.00	13.55	0.16	12.25		0.24	7.20	0.83	1.54	0.01				0.10				99.82	1.62
KJC018	MD7210	52	53	0.85	0.05	12.11	49.94	12.86	0.17	10.32		0.05	8.55	1.91	1.60	0.01				0.10				99.85	1.15
KJC018	MD7211	53	54	0.92	0.05	12.95	46.37	16.57	0.14	6.74		0.03	7.41	3.88	1.09	0.02				0.11				99.69	3.12
KJC019	MD4825	0	1	1.88	0.08	23.72	40.63	10.56	0.22	4.27		0.07	5.08	0.78	1.00	0.02				0.16				99.56	10.52
KJC019	MD4826	1	2	1.19	0.05	12.91	48.54	16.04	0.12	2.55		0.11	4.68	1.56	1.47	0.01				0.09				100.07	10.28
KJC019	MD4827	2	3	1.05	0.05	11.11	49.16	23.15	0.03	0.18		0.14	2.07	1.19	1.45	0.01				0.09				100.23	10.08
KJC019	MD4828	3	4	1.18	0.05	14.27	49.65	17.95	0.12	0.76		0.11	3.47	1.49	1.56	0.01				0.13				99.97	8.64
KJC019	MD4829	4	5	1.29	0.06	14.09	49.49	20.95	0.02	0.13		0.10	1.86	0.80	1.30	0.01				0.12				100.25	9.65
KJC019	MD4830	5	6	1.16	0.05	16.07	61.56	10.87	<0.01	0.06		0.07	1.39	0.20	1.38	0.01				0.13				100.10	6.84
KJC019	MD4831	6	7	1.14	0.05	18.97	60.78	8.85	0.06	0.15		0.07	1.54	0.23	1.25	0.01				0.13				99.95	6.43
KJC019	MD4832	7	8	1.07	0.03	12.97	68.63	9.01	<0.01	0.08		0.08	0.72	0.20	1.49	0.01				0.12				100.46	5.78
KJC019	MD4833	8	9	1.00	0.05	16.11	64.60	9.80	<0.01	0.09		0.09	0.47	0.17	1.60	<0.01				0.11				100.28	5.87
KJC019	MD4834	9	10	0.93	0.04	15.41	59.53	14.34	0.01	0.14		0.07	0.50	0.16	1.76	0.01				0.10				100.18	6.93
KJC019	MD4835	10	11	1.12	0.06	18.02	58.71	12.92	0.01	0.06		0.08	0.44	0.06	1.16	0.01				0.15				100.31	7.25
KJC019	MD4836	11	12	0.90	0.04	13.77	60.02	15.44	0.01	0.12		0.07	0.48	0.15	1.24	0.01				0.10				100.07	7.49
KJC019	MD4837	12	13	0.87	0.04	13.15	56.79	17.75	0.01	0.29		0.06	0.56	0.27	1.51	0.01				0.10				99.98	8.41

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC019	MD4838	13	14	0.79	0.04	12.50	54.54	20.32	<0.01	1.29		0.06	0.60	0.26	1.77	<0.01				0.09				100.15	7.77
KJC019	MD4839	14	15	0.84	0.04	13.17	53.76	20.41	0.01	0.77		0.05	0.65	0.33	1.43	<0.01				0.08				100.05	8.39
KJC019	MD4841	15	16	0.77	0.03	11.24	61.76	16.34	0.02	0.51		0.04	0.72	0.46	1.26	<0.01				0.07				100.04	6.66
KJC019	MD4842	16	17	0.84	0.05	13.06	53.54	18.27	0.04	2.45		0.04	2.10	1.14	1.89	0.01				0.09				99.73	6.04
KJC019	MD4843	17	18	0.80	0.05	12.98	52.57	18.15	0.06	3.14		0.03	3.07	1.40	2.08	0.01				0.10				100.42	5.78
KJC019	MD4844	18	19	0.74	0.04	12.95	52.74	13.31	0.12	5.56		0.03	7.76	1.01	1.70	0.01				0.14				100.44	4.15
KJC019	MD4845	19	20	0.70	0.04	11.97	51.04	13.42	0.16	8.44		0.01	8.82	0.87	1.90	0.01				0.11				100.02	2.36
KJC019	MD4846	20	21	0.71	0.04	11.71	51.16	13.01	0.16	9.00		0.01	8.89	0.58	2.29	0.01				0.10				99.55	1.74
KJC019	MD4847	21	22	0.76	0.05	13.73	50.72	12.78	0.23	9.02		0.01	7.86	0.60	1.87	0.01				0.10				99.89	1.97
KJC020	MD4848	0	1	1.23	0.06	11.18	43.11	11.10	0.13	8.16		0.08	6.95	1.44	1.30	0.01				0.07				100.29	15.06
KJC020	MD4849	1	2	1.24	0.06	11.81	45.75	12.70	0.14	5.80		0.09	5.85	1.53	1.46	0.01				0.08				99.80	12.86
KJC020	MD4850	2	3	1.12	0.05	11.57	50.83	16.46	0.13	2.39		0.11	4.15	1.75	1.91	0.01				0.08				100.13	9.08
KJC020	MD4851	3	4	1.00	0.05	13.73	49.89	20.48	0.03	0.53		0.10	2.05	0.88	2.32	0.01				0.11				100.14	8.56
KJC020	MD4852	4	5	0.97	0.05	13.81	55.57	16.77	0.03	0.61		0.08	1.80	0.68	2.02	0.01				0.12				100.45	7.59
KJC020	MD4853	5	6	0.98	0.05	15.14	59.52	13.43	0.01	0.60		0.06	1.12	0.30	1.82	<0.01				0.12				99.67	6.35
KJC020	MD4854	6	7	0.97	0.05	16.41	57.41	13.62	0.02	1.08		0.07	1.05	0.25	1.67	<0.01				0.13				100.03	7.16
KJC020	MD4855	7	8	1.00	0.05	16.31	56.87	14.46	0.02	1.27		0.06	0.97	0.19	1.87	<0.01				0.12				99.64	6.31
KJC020	MD4856	8	9	0.97	0.04	16.49	56.44	15.83	<0.01	0.26		0.07	0.71	0.35	1.76	<0.01				0.12				100.34	7.06
KJC020	MD4857	9	10	0.97	0.05	15.16	57.13	16.73	<0.01	0.08		0.07	0.71	0.73	1.30	<0.01				0.09				100.50	7.26
KJC020	MD4858	10	11	1.01	0.05	14.80	58.95	15.27	0.01	0.13		0.07	0.57	0.91	1.44	<0.01				0.07				99.87	6.38
KJC020	MD4859	11	12	0.94	0.05	16.41	59.16	12.87	0.01	0.22		0.07	1.82	0.37	1.54	0.01				0.16				100.19	6.35
KJC020	MD4861	12	13	0.75	0.03	15.95	52.67	16.43	0.02	0.07		0.05	3.56	0.14	1.53	0.01				0.23				100.09	8.44
KJC020	MD4862	13	14	0.71	0.04	13.56	52.75	14.98	0.08	3.96		0.03	5.95	0.20	1.93	0.01				0.17				100.04	5.50
KJC020	MD4863	14	15	0.80	0.04	13.23	51.71	14.80	0.13	5.73		0.02	6.36	0.53	1.76	0.01				0.12				99.83	4.42
KJC020	MD4864	15	16	0.73	0.04	12.20	52.54	14.06	0.16	6.87		0.02	6.95	0.80	1.78	0.01				0.10				99.78	3.33
KJC020	MD4865	16	17	0.70	0.04	11.74	52.81	13.72	0.15	8.08		0.02	6.59	0.73	1.63	0.01				0.10				99.57	3.06
KJC020	MD4866	17	18	0.72	0.04	11.94	53.37	13.66	0.16	7.04		0.01	6.85	0.79	1.72	0.01				0.10				99.65	3.06
KJC020	MD4867	18	19	0.74	0.04	11.83	51.95	14.09	0.16	7.93		0.02	7.34	0.67	2.27	0.01				0.10				100.04	2.69
KJC020	MD4868	19	20	0.72	0.04	11.37	50.72	14.08	0.22	9.75		0.01	7.41	0.60	1.93	0.01				0.09				99.78	2.63
KJC020	MD4869	20	21	0.39	0.01	3.91	68.42	16.95	0.02	1.96		0.02	0.89	0.81	4.01	0.01				0.01				100.18	2.58
KJC020	MD4870	21	22	0.43	0.02	4.78	65.24	17.23	0.04	2.91		0.02	1.44	0.83	3.63	0.01				0.02				99.55	2.77
KJC020	MD4871	22	23	0.66	0.04	10.67	52.51	13.49	0.19	9.64		0.02	7.13	1.00	2.46	0.01				0.08				99.69	1.63
KJC020	MD4872	23	24	0.72	0.04	11.45	50.70	13.28	0.21	10.78		0.07	7.43	1.04	2.48	0.01				0.09				100.01	1.58
KJC020	MD4873	24	25	0.69	0.04	11.31	50.20	13.25	0.27	11.81		0.01	7.08	1.05	2.02	0.01				0.09				99.61	1.61
KJC020	MD4874	25	26	0.68	0.04	11.06	51.25	12.76	0.20	11.35		0.02	7.60	1.20	1.98	0.01				0.09				99.82	1.42
KJC020	MD4875	26	27	0.69	0.04	11.37	49.93	12.97	0.19	11.55		0.01	7.83	0.77	2.45	0.01				0.09				99.57	1.52
KJC020	MD4876	27	28	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
KJC020	MD4877	28	29	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
KJC020	MD4878	29	30	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
KJC021	MD4879	0	1	1.84	0.10	18.58	35.11	9.45	0.16	8.85		0.07	7.12	1.18	0.95	0.01				0.10				99.85	16.02
KJC021	MD4881	1	2	1.40	0.06	12.43	49.47	17.96	0.10	1.71		0.11	3.23	1.68	1.65	0.01				0.08				99.69	9.28
KJC021	MD4882	2	3	1.47	0.06	12.58	52.54	18.11	0.06	0.64		0.11	2.52	1.79	1.63	0.01				0.08				100.14	8.05
KJC021	MD4883	3	4	1.44	0.06	12.98	51.29	19.27	0.05	0.53		0.13	2.42	1.57	1.69	0.01				0.10				100.44	8.44
KJC021	MD4884	4	5	1.06	0.05	12.60	48.84	22.35	0.02	0.17		0.11	1.71	1.43	1.55	0.01				0.10				99.92	9.47
KJC021	MD4885	5	6	1.13	0.09	19.31	48.48	17.32	0.03	0.05		0.11	1.58	1.77	1.45	0.01				0.12				100.00	8.13
KJC021	MD4886	6	7	1.11	0.06	15.88	52.46	13.93	0.04	1.97		0.09	2.35	1.60	1.59	0.01				0.10				100.39	8.88
KJC021	MD4887	7	8	1.03	0.06	16.24	59.43	13.00	0.01	0.06		0.08	1.05	0.83	1.65	0.01				0.12				100.22	6.37
KJC021	MD4888	8	9	0.98	0.06	15.86	57.97	14.32	0.01	0.25		0.08	0.84	0.58	1.78	<0.01				0.13				99.62	6.54
KJC021	MD4889	9	10	0.91	0.04	15.04	61.21	13.17	<0.01	0.14		0.06	0.71	0.54	1.48	<0.01				0.11				100.50	6.90
KJC021	MD4890	10	11	1.03	0.05	17.97	56.35	14.21	0.01	0.21		0.08	0.68	0.50	1.50	<0.01				0.13				99.77	6.91
KJC021	MD4891	11	12	0.91	0.05	15.99	54.23	17.72	0.02	0.33		0.06	0.81	0.36	1.28	<0.01				0.10				100.34	8.34
KJC021	MD4892	12	13	0.93	0.05	16.38	55.05	16.15	0.03	0.68		0.05	1.38	0.33	1.84	0.01				0.11				100.10	6.99
KJC021	MD4893	13	14	0.92	0.05	15.88	53.33	17.95	0.02	0.61		0.06	1.00	0.36	1.89	0.01				0.11				99.54	7.20
KJC021	MD4894	14	15	0.88	0.05	14.69	50.88	17.69	0.09	2.80		0.03	3.09	0.47	1.72	0.01				0.10				100.33	7.69
KJC021	MD4895	15	16	0.86	0.05	14.22	50.31	15.94	0.11	4.53		0.02	5.09	0.51	1.74	0.01				0.11				100.34	6.68
KJC021	MD4896	16	17	0.84	0.05	13.98	51.01	15.56	0.12	4.75		0.02	5.58	0.47	1.82	0.01				0.12				99.65	5.14
KJC021	MD4897	17	18	0.84	0.05	13.77	52.82	13.91	0.13	5.46		0.02	6.05	0.62	2.02	0.01				0.13				100.30	4.23
KJC021	MD4898	18	19	0.32	0.02	6.34	79.98	5.94	0.09	1.87		0.01	2.30	0.22	0.75	0.01				0.05				100.02	2.01
KJC021	MD4899	19	20	0.76	0.05	12.48	49.94	13.02	0.23	11.23		0.01	7.41	0.65	1.56	0.01				0.10				99.67	2.04
KJC021	MD4901	20	21	0.77	0.05	12.48	49.71	13.15	0.21	11.34		0.01	8.02	0.57	1.67	0.01				0.11				100.32	2.04
KJC021	MD4902	21	22	0.75	0.05	12.32	48.86	13.46	0.21	10.15		0.01	8.03	1.22	1.92	0.01				0.10				99.45	2.17
KJC021	MD4903	22	23	0.78	0.05	12.91	48.13	13.65	0.21	10.47		0.02	7.97	1.11	1.73	0.01				0.11				99.71	2.39

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC021	MD4904	23	24	0.75	0.05	12.46	48.77	12.88	0.21	12.28		0.01	8.67	0.67	1.60	0.01				0.10				100.23	1.62
KJC021	MD4905	24	25	0.74	0.05	12.26	48.42	12.94	0.21	12.32		0.01	8.46	0.97	1.35	0.01				0.10				99.74	1.75
KJC021	MD4906	25	26	0.77	0.05	12.36	50.48	13.83	0.23	10.77		0.01	6.61	1.17	1.38	0.01				0.10				100.08	2.11
KJC021	MD4907	26	27	0.65	0.04	10.20	54.15	13.44	0.17	9.65		0.01	6.38	1.43	1.84	0.01				0.08				99.90	1.69
KJC021	MD4908	27	28	0.78	0.05	12.87	49.00	13.49	0.20	10.97		0.01	7.81	1.39	1.62	0.01				0.11				100.51	2.00
KJC021	MD4909	28	29	0.74	0.05	12.65	49.24	12.99	0.21	10.49		0.01	8.17	0.93	1.77	0.01				0.10				99.50	1.99
KJC021	MD4910	29	30	0.77	0.05	12.90	48.68	13.03	0.20	11.08		0.01	8.59	0.74	1.67	0.01				0.10				99.66	1.67
KJC022	MD4911	0	1	2.13	0.11	19.97	35.30	8.98	0.16	9.68		0.05	6.68	0.97	1.03	0.01				0.11				100.14	14.66
KJC022	MD4912	1	2	1.45	0.07	13.57	41.08	10.95	0.14	7.68		0.06	6.87	1.35	1.29	0.01				0.08				99.75	14.82
KJC022	MD4913	2	3	1.05	0.04	9.52	43.76	12.55	0.11	7.00		0.07	6.82	1.59	1.48	0.01				0.07				99.59	15.13
KJC022	MD4914	3	4	1.07	0.05	12.47	46.71	13.48	0.13	6.05		0.06	6.16	1.27	1.74	0.01				0.09				99.84	10.21
KJC022	MD4915	4	5	0.85	0.05	13.31	56.93	13.52	0.06	3.69		0.04	3.49	0.44	2.75	<0.01				0.09				99.78	4.37
KJC022	MD4916	5	6	0.84	0.05	13.03	62.65	12.33	0.02	1.11		0.05	1.45	0.55	2.29	<0.01				0.09				99.75	5.16
KJC022	MD4917	6	7	0.82	0.05	12.58	55.99	13.40	0.10	4.76		0.05	4.76	0.51	2.09	0.01				0.10				99.80	4.42
KJC022	MD4918	7	8	0.74	0.04	12.04	53.88	13.74	0.13	6.38		0.03	6.38	0.42	2.08	0.01				0.10				99.85	3.77
KJC022	MD4919	8	9	0.78	0.05	12.52	54.42	13.61	0.12	5.71		0.03	5.66	0.52	2.83	0.01				0.10				100.01	3.49
KJC022	MD4921	9	10	0.77	0.05	12.04	53.45	14.33	0.13	6.58		0.03	5.61	0.57	2.20	0.01				0.10				99.55	3.53
KJC022	MD4922	10	11	0.91	0.05	14.74	58.87	13.55	0.02	1.24		0.07	1.56	0.52	1.73	<0.01				0.11				100.02	6.47
KJC022	MD4923	11	12	0.83	0.05	13.91	56.65	13.74	0.07	3.44		0.06	3.39	0.60	2.29	0.01				0.11				100.17	4.87
KJC022	MD4924	12	13	0.78	0.05	12.36	55.90	13.66	0.09	5.34		0.03	4.92	0.29	1.99	0.01				0.10				99.79	4.09
KJC022	MD4925	13	14	0.72	0.04	11.73	52.52	15.01	0.13	6.93		0.02	6.58	0.53	1.86	0.01				0.10				99.92	3.56
KJC022	MD4926	14	15	0.68	0.03	12.10	52.44	16.57	0.07	2.82		0.02	4.87	1.65	1.87	0.01				0.09				99.52	6.01
KJC022	MD4927	15	16	0.65	0.04	11.00	50.80	13.48	0.20	7.51		0.01	7.13	2.09	1.54	0.01				0.09				99.44	4.62
KJC022	MD4928	16	17	0.67	0.04	10.61	52.59	12.95	0.20	10.13		0.01	7.62	1.59	1.44	0.01				0.09				100.29	2.14
KJC022	MD4929	17	18	0.37	0.01	4.24	70.07	14.25	0.05	2.93		0.02	1.30	0.86	3.85	0.01				0.01				99.57	1.43
KJC022	MD4930	18	19	0.38	0.01	4.72	68.77	14.69	0.04	2.70		0.02	1.21	0.88	4.10	0.01				0.01				99.66	1.97
KJC022	MD4931	19	20	0.62	0.03	9.42	55.92	13.58	0.16	8.66		0.01	6.52	0.73	2.97	0.01				0.07				100.20	1.30
KJC022	MD4932	20	21	0.67	0.04	11.11	49.84	13.28	0.19	12.52		0.01	7.96	0.63	2.01	0.01				0.09				99.92	1.38
KJC022	MD4933	21	22	0.71	0.05	11.43	50.31	12.87	0.20	12.33		0.01	8.30	0.60	1.87	0.01				0.09				99.94	1.00
KJC022	MD4934	22	23	0.70	0.04	11.02	50.31	12.96	0.18	11.50		0.04	8.11	0.71	1.87	0.01				0.09				99.62	1.93
KJC022	MD4935	23	24	0.69	0.04	10.81	51.08	12.78	0.20	12.45		0.05	7.33	0.42	1.21	0.01				0.09				99.88	2.59
KJC023	MD4936	0	1	1.52	0.09	13.51	22.27	5.84	0.12	16.78		0.04	11.27	0.76	0.61	<0.01				0.07				99.63	26.50
KJC023	MD4937	1	2	4.39	0.26	43.72	20.00	8.05	0.19	6.13		0.04	4.87	0.42	0.55	0.01				0.25				100.04	10.91
KJC023	MD4938	2	3	2.21	0.12	23.87	40.34	12.16	0.15	4.14		0.06	4.34	1.11	1.32	0.01				0.14				99.74	9.42
KJC023	MD4939	3	4	1.39	0.07	13.72	50.03	17.06	0.05	1.97		0.10	3.14	1.34	1.69	0.01				0.09				100.33	9.24
KJC023	MD4941	4	5	1.01	0.05	12.34	54.41	15.09	0.06	3.12		0.07	3.95	0.87	1.82	0.01				0.09				99.54	6.36
KJC023	MD4942	5	6	0.84	0.05	13.62	55.59	11.44	0.11	6.59		0.03	6.35	0.36	1.81	0.01				0.10				100.03	2.97
KJC023	MD4943	6	7	0.98	0.05	16.84	61.66	8.34	<0.01	0.46		0.09	1.87	0.16	1.72	<0.01				0.13				100.02	7.53
KJC023	MD4944	7	8	1.02	0.05	15.24	64.91	8.50	<0.01	0.25		0.07	1.95	0.21	1.58	<0.01				0.11				100.01	5.91
KJC023	MD4945	8	9	0.93	0.05	16.08	58.74	13.00	<0.01	0.34		0.06	1.74	0.18	1.77	<0.01				0.11				99.93	6.75
KJC023	MD4946	9	10	0.84	0.05	14.16	53.51	13.31	0.10	4.87		0.03	5.62	0.25	1.77	0.01				0.10				99.51	4.72
KJC023	MD4947	10	11	0.81	0.05	13.56	51.88	14.57	0.12	5.75		0.03	6.11	0.34	1.61	0.01				0.09				99.90	4.79
KJC023	MD4948	11	12	0.81	0.05	13.66	52.75	15.24	0.10	4.09		0.03	5.35	0.26	1.57	0.01				0.11				100.01	5.78
KJC023	MD4949	12	13	0.78	0.05	12.55	51.46	15.42	0.14	5.94		0.02	6.76	0.27	1.18	0.01				0.11				100.35	5.44
KJC023	MD4950	13	14	0.73	0.05	12.54	49.97	12.83	0.19	10.79		0.01	8.42	0.32	1.12	0.01				0.10				100.00	2.70
KJC023	MD4951	14	15	0.67	0.04	11.26	53.91	11.55	0.17	10.68		0.01	7.86	0.30	1.30	0.01				0.09				99.77	1.73
KJC023	MD4952	15	16	0.65	0.04	10.67	55.08	11.06	0.19	10.48		0.01	7.67	0.27	1.46	0.01				0.09				99.48	1.63
KJC023	MD4953	16	17	0.76	0.05	12.24	49.38	12.94	0.20	11.76		0.01	8.59	0.56	1.60	0.01				0.10				100.28	1.88
KJC023	MD4954	17	18	0.66	0.04	10.32	46.54	11.82	0.18	10.67		0.01	7.85	0.57	1.77	0.01				0.09				99.44	8.73
KJC023	MD4955	18	19	0.65	0.04	9.16	46.58	12.37	0.14	11.49		0.02	7.42	0.69	1.76	0.01				0.09				99.44	8.82
KJC023	MD4956	19	20	0.70	0.05	11.41	44.98	12.13	0.19	13.96		0.06	9.04	0.49	1.28	0.01				0.10				99.46	4.95
KJC023	MD4957	20	21	0.73	0.05	12.11	48.35	12.61	0.20	12.40		0.01	9.81	0.35	1.74	0.01				0.10				100.27	1.64
KJC023	MD4958	21	22	0.73	0.04	11.92	48.28	12.61	0.21	13.39		0.08	9.05	0.33	1.44	0.01				0.10				99.68	1.40
KJC023	MD4959	22	23	0.74	0.05	12.50	48.16	12.71	0.21	12.62		0.09	9.35	0.36	1.62	0.01				0.10				99.49	0.88
KJC023	MD4961	23	24	0.71	0.05	11.99	49.13	12.76	0.20	12.54		0.07	8.80	0.42	1.74	0.01				0.10				99.71	1.09
KJC024	MD4962	0	1	1.70	0.07	13.91	41.87	10.62	0.15	9.86		0.06	5.07	1.26	1.24	0.01				0.06				99.75	13.57
KJC024	MD4963	1	2	3.03	0.12	16.67	51.00	12.15	0.10	3.96		0.05	3.59	0.93	2.33	0.01				0.03				99.78	5.54
KJC024	MD4964	2	3	3.14	0.13	17.63	52.27	11.87	0.08	4.75		0.05	3.14	0.47	2.80	0.01				0.01				99.64	3.06
KJC024	MD4965	3	4	3.24	0.13	17.01	51.94	12.40	0.08	5.05		0.06	3.42	0.42	2.44	0.01				0.01				99.98	3.53
KJC024	MD4966	4	5	3.18	0.12	16.64	52.30	12.42	0.09	5.39		0.05	3.72	0.31	2.29	0.01				0.01				100.05	3.32
KJC024	MD4967	5	6	3.03	0.12	16.76	52.33	12.77	0.09	5.21		0.06	3.50	0.29	2.50	0.01				0.01				100.18	3.30
KJC024	MD4968	6	7	3.15	0.12	16.73	48.89	12.10	0.12	7.03		0.05	4.90	0.47	2.14	0.01				0.02				100.13	4.20

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC024	MD4969	7	8	3.16	0.12	16.82	49.00	12.48	0.14	7.55		0.03	5.70	0.48	2.01	0.01				0.01				100.10	2.38
KJC024	MD4970	8	9	3.13	0.12	16.75	50.29	12.21	0.12	6.68		0.04	5.04	0.47	2.11	0.01				0.01				99.91	2.72
KJC024	MD4971	9	10	3.27	0.13	17.98	50.92	12.40	0.08	4.75		0.07	3.42	0.42	2.15	0.01				0.01				99.57	3.77
KJC024	MD4972	10	11	3.21	0.12	17.63	49.68	12.47	0.10	5.89		0.06	4.25	0.46	2.18	0.01				0.01				99.46	3.21
KJC024	MD4973	11	12	3.12	0.12	17.76	48.78	13.03	0.10	5.71		0.05	4.32	0.77	1.96	0.01				0.01				99.87	3.91
KJC024	MD4974	12	13	3.21	0.12	16.93	51.02	13.29	0.07	3.17		0.06	3.34	1.40	1.65	0.01				0.02				99.69	5.16
KJC024	MD4975	13	14	1.16	0.05	7.76	80.19	5.57	0.02	0.16		0.03	0.83	0.73	0.42	<0.01				0.01				99.69	2.68
KJC024	MD4976	14	15	3.15	0.12	16.58	48.30	14.75	0.10	4.80		0.06	4.20	1.12	1.77	0.01				0.02				99.91	4.71
KJC024	MD4977	15	16	3.25	0.11	16.64	47.90	12.44	0.15	7.72		0.02	5.90	1.36	2.09	0.01				0.01				100.34	2.45
KJC024	MD4978	16	17	3.27	0.10	16.24	46.30	12.67	0.17	9.29		0.02	6.21	1.77	1.92	0.01				0.01				100.07	1.78
KJC024	MD4979	17	18	3.20	0.09	16.88	46.39	12.60	0.17	9.06		0.02	5.79	1.60	2.00	0.01				0.01				100.13	1.86
KJC024	MD4981	18	19	2.95	0.11	16.88	47.26	14.94	0.09	4.48		0.02	4.30	2.25	2.94	0.01				0.01				100.00	3.26
KJC024	MD4982	19	20	4.84	0.15	21.95	44.39	11.36	0.20	5.25		0.02	4.26	1.07	1.96	0.02				<0.01				100.26	4.32
KJC024	MD4983	20	21	4.16	0.12	20.92	50.11	8.73	0.27	4.33		0.06	4.63	1.00	1.63	0.02				<0.01				100.03	3.41
KJC024	MD4984	21	22	5.92	0.18	25.89	39.34	8.56	0.17	6.62		0.07	5.49	1.43	1.07	0.02				<0.01				99.56	4.07
KJC024	MD4985	22	23	4.04	0.14	25.71	43.03	5.79	0.19	6.65		0.08	8.36	1.26	0.70	0.02				0.02				100.12	3.80
KJC024	MD4987	23	24	1.20	0.06	14.93	49.16	8.26	0.28	9.82		0.01	11.19	1.30	1.07	0.01				0.14				99.50	1.72
KJC024	MD4988	24	25	0.81	0.07	12.82	45.58	12.97	0.19	10.88		0.01	9.67	2.23	1.17	0.01				0.08				99.48	2.85
KJC024	MD4989	25	26	0.78	0.07	12.45	49.64	13.10	0.19	8.63		0.01	8.58	2.96	1.11	0.02				0.06				99.74	1.96
KJC024	MD4990	26	27	0.93	0.07	14.52	47.34	13.38	0.22	9.22		0.01	7.78	2.91	1.13	0.02				0.03				100.62	2.85
KJC024	MD4991	27	28	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
KJC024	MD4992	28	29	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
KJC024	MD4993	29	30	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
KJC025	MD6976	0	1	1.89	0.08	15.41	45.63	12.90	0.14	4.48		0.14	4.60	1.44	1.37	0.01				0.08				100.05	11.50
KJC025	MD6977	1	2	1.48	0.06	12.90	51.31	15.70	0.12	2.01		0.11	3.52	1.63	1.68	0.01				0.09				100.04	8.94
KJC025	MD6978	2	3	1.35	0.05	12.39	53.87	17.03	0.11	0.45		0.10	2.64	1.70	1.82	0.01				0.09				99.39	7.41
KJC025	MD6979	3	4	1.44	0.06	13.45	53.21	17.36	0.10	0.31		0.10	2.53	1.65	1.80	0.01				0.09				99.88	7.37
KJC025	MD6980	4	5	1.25	0.05	12.40	53.42	18.09	0.08	0.26		0.10	2.57	1.66	1.91	0.01				0.09				100.01	7.69
KJC025	MD6981	5	6	1.04	0.05	13.10	51.40	18.64	0.05	1.84		0.07	2.98	0.92	1.78	0.01				0.10				99.63	7.42
KJC025	MD6982	6	7	0.92	0.05	13.92	59.46	12.01	0.05	2.64		0.06	2.48	0.20	1.34	<0.01				0.10				99.56	6.19
KJC025	MD6983	7	8	0.91	0.05	14.04	63.71	11.66	0.02	0.72		0.07	0.72	0.12	1.19	<0.01				0.09				99.67	6.21
KJC025	MD6984	8	9	0.82	0.04	11.82	65.61	11.66	0.02	1.95		0.06	1.29	0.24	1.60	<0.01				0.08				100.14	4.76
KJC025	MD6985	9	10	0.89	0.05	13.41	56.88	14.02	0.07	3.62		0.05	3.73	0.21	1.05	0.01				0.11				100.40	6.14
KJC025	MD6986	10	11	0.84	0.05	14.06	58.60	13.54	0.05	2.13		0.05	2.60	0.19	1.03	0.01				0.11				100.13	6.70
KJC025	MD6987	11	12	0.81	0.05	13.86	56.00	13.19	0.09	4.40		0.04	4.48	0.37	1.26	0.01				0.10				100.03	5.17
KJC025	MD6988	12	13	0.79	0.05	13.15	56.41	14.44	0.07	3.54		0.04	3.71	0.34	1.03	0.01				0.10				100.12	6.25
KJC025	MD6989	13	14	0.76	0.05	11.71	52.74	13.98	0.14	7.90		0.02	6.94	0.39	1.22	0.01				0.10				99.83	3.69
KJC025	MD6990	14	15	0.72	0.05	11.07	52.96	13.19	0.17	10.88		0.04	7.28	0.41	1.40	0.01				0.09				100.33	1.93
KJC025	MD6991	15	16	0.73	0.05	11.10	51.41	13.40	0.18	11.99		0.04	7.90	0.44	1.59	0.01				0.10				100.28	1.23
KJC025	MD6992	16	17	0.72	0.05	11.36	50.71	13.06	0.19	12.49		0.01	8.34	0.78	1.32	0.01				0.10				100.30	1.02
KJC025	MD6993	17	18	0.72	0.05	11.45	50.90	13.12	0.18	11.60		0.02	8.52	0.70	1.44	0.01				0.10				99.92	0.98
KJC025	MD6994	18	19	0.74	0.05	11.85	51.12	13.06	0.20	11.93		0.01	8.73	0.42	1.14	0.01				0.10				100.47	0.98
KJC025	MD6995	19	20	0.71	0.04	11.50	50.67	12.91	0.19	11.23		0.01	8.99	0.48	1.73	0.01				0.09				99.59	0.87
KJC025	MD6996	20	21	0.72	0.05	11.51	50.67	13.16	0.21	10.25		0.00	8.87	1.37	1.51	0.01				0.10				99.86	1.24
KJC025	MD6997	21	22	0.72	0.04	11.43	50.96	12.64	0.19	11.39		0.01	8.99	0.75	1.47	0.01				0.10				99.87	1.01
KJC025	MD6998	22	23	0.73	0.05	11.55	50.52	12.53	0.19	11.76		0.01	9.10	0.58	1.59	0.01				0.10				99.86	0.99
KJC025	MD6999	23	24	0.72	0.04	11.46	50.24	13.09	0.24	9.92		0.01	8.94	1.42	1.51	0.01				0.09				99.40	1.49
KJC026	MD7000	0	1	1.39	0.06	12.93	43.58	11.46	0.13	7.98		0.07	5.83	1.53	1.07	0.01				0.07				99.83	13.43
KJC026	MD7001	1	2	1.11	0.05	10.29	46.15	14.14	0.12	5.14		0.08	5.74	1.82	1.44	0.01				0.07				99.67	13.18
KJC026	MD7002	2	3	1.08	0.05	10.49	47.74	15.37	0.12	4.05		0.08	5.18	1.91	1.56	0.01				0.07				99.69	11.63
KJC026	MD7003	3	4	0.98	0.05	12.37	52.66	16.12	0.10	5.65		0.04	4.68	0.62	2.04	0.01				0.11				100.28	4.62
KJC026	MD7004	4	5	1.31	0.06	14.39	59.51	11.42	0.04	3.17		0.04	2.93	0.72	2.06	0.01				0.13				100.20	4.16
KJC026	MD7005	5	6	1.02	0.05	13.57	57.02	12.79	0.07	4.70		0.04	3.94	0.34	1.67	0.01				0.11				99.90	4.39
KJC026	MD7006	6	7	0.97	0.05	12.92	52.30	16.63	0.08	4.04		0.06	3.78	0.35	0.98	0.01				0.12				99.79	7.36
KJC026	MD7007	7	8	1.04	0.05	15.16	57.80	13.86	0.05	2.34		0.06	2.35	0.39	1.26	<0.01				0.12				100.70	6.05
KJC026	MD7008	8	9	1.00	0.05	14.43	59.25	13.23	0.03	2.55		0.06	1.93	0.38	1.99	<0.01				0.11				100.13	4.95
KJC026	MD7009	9	10	0.92	0.05	12.41	55.36	16.90	0.03	3.19		0.05	2.28	0.36	2.37	<0.01				0.10				99.46	5.30
KJC026	MD7010	10	11	0.92	0.05	12.67	55.63	15.05	0.06	3.96		0.04	3.73	0.64	2.26	0.01				0.10				99.88	4.62
KJC026	MD7011	11	12	0.91	0.05	12.24	54.44	14.48	0.09	4.80		0.03	5.37	0.95	2.33	0.01				0.10				100.15	4.18
KJC026	MD7012	12	13	0.91	0.05	12.23	54.32	14.32	0.10	5.08		0.02	5.72	1.29	2.34	0.01				0.10				100.48	3.81
KJC026	MD7013	13	14	0.87	0.05	11.80	52.47	13.30	0.13	7.27		0.01	7.56	1.16	2.36	0.01				0.10				99.60	2.36
KJC026	MD7014	14	15	0.88	0.05	11.64	51.92	13.71	0.14	7.68		0.01	7.74	1.41	2.42	0.01				0.09				99.90	2.04

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC026	MD7015	15	16	0.91	0.05	12.30	52.19	14.35	0.13	6.06		0.02	6.87	1.32	2.72	0.01				0.08				100.29	3.11
KJC026	MD7016	16	17	0.88	0.05	12.08	51.85	14.15	0.13	6.11		0.02	7.41	1.15	2.51	0.01				0.09				99.85	3.21
KJC026	MD7017	17	18	0.70	0.03	11.97	51.53	11.29	0.13	6.04		0.01	11.08	1.38	1.63	0.01				0.17				99.67	3.48
KJC026	MD7018	18	19	0.76	0.04	12.20	51.58	11.99	0.12	6.04		0.02	10.65	1.41	1.41	0.01				0.17				100.36	3.75
KJC026	MD7019	19	20	0.83	0.05	11.61	51.28	12.79	0.15	8.43		0.01	9.30	0.89	1.93	0.01				0.14				99.83	2.08
KJC026	MD7020	20	21	0.86	0.05	11.67	51.17	13.25	0.16	9.49		0.01	8.82	0.63	2.38	0.01				0.09				99.98	1.24
KJC026	MD7021	21	22	0.84	0.04	11.99	51.76	12.80	0.14	8.31		0.01	8.95	0.60	2.17	0.01				0.11				100.16	2.25
KJC026	MD7022	22	23	0.83	0.05	11.46	50.44	12.70	0.17	11.41		0.02	9.26	0.56	1.85	0.01				0.10				100.06	1.04
KJC026	MD7023	23	24	0.85	0.05	11.42	49.70	12.75	0.18	12.84		0.02	8.91	0.74	1.31	0.01				0.10				100.09	1.02
KJC027	MD7024	0	1	1.20	0.06	10.56	35.15	9.51	0.09	12.88		0.06	7.99	1.52	0.85	0.01				0.06				100.64	20.34
KJC027	MD7025	1	2	1.26	0.06	10.77	34.98	9.83	0.10	10.86		0.07	8.75	1.54	0.92	<0.01				0.06				99.55	19.97
KJC027	MD7026	2	3	1.19	0.06	10.24	30.91	8.71	0.09	12.71		0.06	10.23	1.33	0.85	<0.01				0.06				99.79	22.95
KJC027	MD7027	3	4	1.79	0.10	16.00	38.59	11.73	0.13	6.90		0.07	6.31	1.55	1.00	<0.01				0.09				99.79	15.13
KJC027	MD7028	4	5	2.12	0.11	19.06	46.14	18.90	0.09	0.36		0.17	1.52	1.40	1.02	0.01				0.12				99.84	8.51
KJC027	MD7029	5	6	1.77	0.08	15.68	49.04	20.04	0.03	0.11		0.18	1.43	1.27	1.19	<0.01				0.12				99.92	8.61
KJC027	MD7030	6	7	1.98	0.09	16.46	44.81	22.35	0.03	0.12		0.16	1.10	0.84	1.02	<0.01				0.13				100.50	11.05
KJC027	MD7031	7	8	2.48	0.15	26.79	38.72	20.62	0.04	0.08		0.15	0.72	0.48	0.76	<0.01				0.18				100.58	9.12
KJC027	MD7032	8	9	4.70	0.33	55.04	21.86	10.98	0.08	0.06		0.14	0.40	0.12	0.32	0.01				0.34				99.64	5.13
KJC027	MD7033	9	10	1.68	0.08	7.97	67.67	13.84	<0.01	0.02		0.06	0.69	0.61	0.86	0.01				0.12				100.24	6.32
KJC027	MD7034	10	11	1.67	0.11	7.28	70.43	11.80	<0.01	0.02		0.06	0.48	0.62	1.24	0.01				0.16				99.96	5.80
KJC027	MD7035	11	12	1.89	0.11	8.19	69.96	11.36	<0.01	0.01		0.07	0.50	0.38	1.08	0.01				0.20				100.11	6.09
KJC027	MD7036	12	13	1.71	0.09	7.66	71.44	11.21	<0.01	0.02		0.07	0.51	0.36	0.93	0.01				0.17				100.40	5.86
KJC027	MD7037	13	14	1.78	0.11	6.00	71.87	12.12	<0.01	0.01		0.06	0.35	0.25	0.76	<0.01				0.12				99.84	6.10
KJC027	MD7038	14	15	1.15	0.07	6.01	72.34	12.85	<0.01	0.02		0.05	0.46	0.36	0.64	<0.01				0.11				100.00	5.70
KJC027	MD7039	15	16	1.51	0.07	8.53	59.60	20.18	<0.01	<0.01		0.06	0.36	0.29	0.71	<0.01				0.12				100.58	8.86
KJC027	MD7040	16	17	1.44	0.07	10.19	57.04	20.23	<0.01	0.01		0.06	0.36	0.36	0.78	<0.01				0.15				99.93	9.04
KJC027	MD7041	17	18	1.19	0.06	10.41	58.52	18.95	<0.01	<0.01		0.06	0.48	0.19	0.74	<0.01				0.14				99.92	8.93
KJC027	MD7042	18	19	1.20	0.06	9.51	59.10	19.04	<0.01	0.02		0.07	0.77	0.16	0.98	0.01				0.17				100.25	8.79
KJC027	MD7043	19	20	1.26	0.07	9.50	53.85	22.53	<0.01	0.02		0.08	0.83	0.17	1.02	0.01				0.27				99.69	9.66
KJC027	MD7044	20	21	0.80	0.07	19.66	46.76	19.44	0.01	<0.01		0.11	0.87	0.04	0.88	0.01				0.41				99.78	10.36
KJC027	MD7045	21	22	0.71	0.05	18.94	45.08	19.62	0.03	0.04		0.08	3.15	<0.01	0.71	0.01				0.51				99.58	10.32
KJC027	MD7046	22	23	0.62	0.04	15.96	47.26	18.67	0.07	1.06		0.05	5.42	<0.01	0.68	0.01				0.48				100.05	9.36
KJC027	MD7047	23	24	0.65	0.04	14.27	49.18	16.51	0.08	1.84		0.04	7.31	0.05	0.74	0.01				0.42				99.75	8.30
KJC027	MD7048	24	25	0.88	0.05	14.74	51.03	15.97	0.06	1.23		0.06	5.76	0.12	0.81	0.01				0.41				99.74	8.26
KJC027	MD7049	25	26	0.58	0.04	14.85	47.64	11.17	0.09	2.71		0.02	14.05	0.02	1.59	0.02				0.50				99.98	6.35
KJC027	MD7050	26	27	0.57	0.04	14.45	47.07	8.77	0.12	3.13		0.02	17.78	0.02	1.67	0.02				0.50				100.12	5.67
KJC027	MD7051	27	28	0.54	0.03	13.10	47.17	8.43	0.15	3.95		0.02	19.47	0.02	1.41	0.02				0.40				100.50	5.55
KJC027	MD7052	28	29	0.51	0.03	12.82	46.89	7.62	0.17	4.38		0.01	20.18	0.01	1.30	0.01				0.39				99.92	5.35
KJC027	MD7053	29	30	0.56	0.03	13.20	46.88	8.27	0.16	4.18		0.02	19.63	0.02	1.30	0.01				0.40				100.54	5.58
KJC027	MD7054	30	31	0.54	0.03	13.21	46.68	7.93	0.21	4.89		0.01	19.38	0.03	1.24	0.01				0.36				100.36	5.56
KJC027	MD7055	31	32	0.51	0.03	12.50	46.73	7.64	0.20	5.18		0.01	20.57	0.01	1.20	0.01				0.35				100.42	5.22
KJC027	MD7056	32	33	0.52	0.03	12.78	46.53	7.96	0.17	5.17		0.01	20.14	0.01	1.14	0.01				0.35				100.37	5.30
KJC027	MD7057	33	34	0.52	0.03	12.74	46.93	7.76	0.16	5.52		0.01	19.95	0.02	1.05	0.01				0.35				100.32	5.02
KJC027	MD7058	34	35	0.50	0.03	12.16	47.31	7.67	0.17	5.98		0.01	20.16	0.02	0.94	0.01				0.33				100.31	4.81
KJC027	MD7059	35	36	0.51	0.03	11.98	47.29	7.73	0.17	6.05		0.01	20.08	0.02	0.85	0.01				0.31				99.79	4.59
KJC027	MD7060	36	37	0.55	0.03	12.27	47.02	8.66	0.30	5.45		0.01	18.73	0.48	1.21	0.01				0.30				99.95	4.67
KJC027	MD7061	37	38	0.52	0.03	11.75	48.04	8.23	0.26	5.19		0.01	18.55	1.32	1.44	0.01				0.28				99.96	4.06
KJC027	MD7062	38	39	0.53	0.03	11.94	47.17	7.85	0.21	6.22		0.01	19.97	0.42	0.79	0.01				0.29				99.80	4.13
KJC027	MD7063	39	40	0.94	0.04	13.21	51.79	11.80	0.22	5.63		0.02	10.62	1.01	1.41	0.01				0.14				100.48	3.36
KJC027	MD7064	40	41	0.91	0.04	13.03	49.92	12.01	0.24	7.19		0.02	11.60	0.84	1.74	0.01				0.14				100.27	2.32
KJC027	MD7065	41	42	0.73	0.03	12.65	49.12	10.70	0.21	6.25		0.01	14.22	1.19	1.44	0.01				0.19				99.91	2.88
KJC027	MD7066	42	43	0.71	0.03	12.54	48.43	10.76	0.23	6.24		0.01	14.43	1.42	1.53	0.01				0.19				100.13	3.29
KJC027	MD7067	43	44	0.70	0.03	12.20	48.59	10.79	0.20	6.96		0.01	14.29	1.56	1.60	0.01				0.17				99.60	2.24
KJC027	MD7068	44	45	0.78	0.04	11.75	49.63	11.31	0.24	9.73		0.00	12.19	0.60	1.84	0.01				0.14				99.87	1.39
KJC027	MD7069	45	46	0.83	0.05	11.65	49.75	12.41	0.20	11.02		0.01	10.17	0.38	1.96	0.01				0.11				99.66	0.92
KJC027	MD7070	46	47	0.79	0.05	11.80	50.31	13.09	0.20	12.23		0.13	8.82	0.39	1.47	0.01				0.11				100.45	0.97
KJC027	MD7071	47	48	0.76	0.05	12.18	50.16	12.78	0.21	11.64		0.08	9.26	0.44	1.68	0.01				0.13				100.39	0.87
KJC028	MD7212	0	1	5.29	0.39	36.67	27.03	18.28	0.09	0.43		0.03	0.63	0.21	0.27	0.02				0.14				99.91	10.14
KJC028	MD7213	1	2	6.63	0.55	33.84	26.50	19.88	0.08	0.09		0.04	0.50	0.12	0.33	0.02				0.19				99.69	10.62
KJC028	MD7214	2	3	8.98	0.72	44.23	20.27	15.63	0.14	0.04		0.03	0.36	0.09	0.23	0.06				0.09				99.94	8.73
KJC028	MD7215	3	4	9.01	0.59	43.15	21.53	15.92	0.13	0.03		0.03	0.30	0.08	0.23	0.05				0.07				100.07	8.65
KJC028	MD7216	4	5	9.09	0.48	39.49	24.50	16.57	0.14	0.01		0.03	0.26	0.06	0.23	0.02				0.06				100.03	8.87

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC028	MD7217	5	6	8.18	0.48	44.68	21.88	15.25	0.16	0.01		0.09	0.25	0.03	0.16	0.01				0.06				100.04	8.59
KJC028	MD7218	6	7	8.12	0.47	42.66	23.05	15.23	0.14	0.02		0.10	0.26	0.04	0.16	0.01				0.05				99.82	9.34
KJC028	MD7219	7	8	9.48	0.54	47.92	19.75	13.77	0.15	0.01		0.08	0.22	0.03	0.14	0.03				0.04				100.10	7.73
KJC028	MD7220	8	9	11.40	0.56	48.03	18.11	13.47	0.18	0.01		0.08	0.23	0.02	0.13	0.05				0.04				99.69	7.17
KJC028	MD7221	9	10	5.44	0.37	32.01	29.17	21.44	0.08	0.01		0.11	0.13	0.08	0.25	0.02				0.07				99.69	10.25
KJC028	MD7222	10	11	6.86	0.45	55.99	16.70	11.43	0.12	0.01		0.10	0.19	0.05	0.15	0.02				0.09				99.59	7.22
KJC028	MD7223	11	12	10.33	0.57	56.44	15.52	10.44	0.16	0.01		0.07	0.27	0.02	0.16	0.03				0.06				99.88	5.51
KJC028	MD7224	12	13	12.27	0.67	55.55	15.14	10.35	0.20	<0.01		0.06	0.31	0.01	0.17	0.03				0.06				99.98	4.81
KJC028	MD7225	13	14	12.57	0.65	59.31	13.98	8.55	0.18	0.01		0.06	0.37	0.01	0.16	0.02				0.05				100.43	4.21
KJC028	MD7226	14	15	11.04	0.46	44.33	24.87	12.24	0.13	0.01		0.07	0.37	0.04	0.19	0.02				0.05				100.00	5.94
KJC028	MD7227	15	16	11.33	0.59	53.77	19.84	9.43	0.15	0.02		0.05	0.41	0.03	0.16	0.03				0.05				100.45	4.33
KJC028	MD7228	16	17	14.75	0.58	53.27	17.53	8.88	0.24	<0.01		0.05	0.49	0.01	0.17	0.04				0.07				100.18	3.74
KJC028	MD7229	17	18	14.14	0.57	50.82	17.19	9.79	0.22	0.01		0.08	0.44	0.01	0.20	0.03				0.14				99.78	5.71
KJC028	MD7231	18	19	8.45	0.41	50.02	19.73	11.76	0.18	<0.01		0.14	0.28	0.01	0.24	0.02				0.17				99.84	7.94
KJC028	MD7232	19	20	10.43	0.60	67.32	9.66	6.33	0.26	<0.01		0.07	0.48	<0.01	0.12	0.02				0.15				99.82	4.00
KJC028	MD7233	20	21	9.67	0.61	71.62	7.67	5.27	0.32	<0.01		0.07	0.51	<0.01	0.12	0.02				0.28				99.97	3.41
KJC028	MD7234	21	22	5.69	0.31	69.29	11.82	5.62	0.25	0.01		0.10	0.33	0.01	0.19	0.02				0.40				100.05	5.41
KJC028	MD7235	22	23	2.43	0.11	68.80	13.39	6.25	0.21	<0.01		0.15	0.22	0.01	0.22	0.03				0.10				100.08	7.57
KJC028	MD7236	23	24	3.42	0.17	63.96	16.60	7.51	0.26	0.04		0.12	0.60	0.02	0.35	0.02				0.14				100.11	6.28
KJC028	MD7237	24	25	4.47	0.18	44.54	30.86	10.34	0.24	0.06		0.07	1.50	0.03	0.71	0.03				0.37				100.36	6.35
KJC028	MD7238	25	26	2.77	0.11	44.38	37.39	7.21	0.20	0.04		0.11	0.71	0.02	0.36	0.02				0.19				99.80	5.83
KJC028	MD7239	26	27	1.43	0.06	44.70	39.71	5.34	0.21	0.05		0.11	1.34	0.03	0.60	0.02				0.12				100.17	5.83
KJC028	MD7240	27	28	1.61	0.07	36.90	45.62	5.83	0.33	0.06		0.08	1.69	0.05	0.74	0.02				0.16				99.61	5.77
KJC028	MD7241	28	29	1.69	0.08	35.91	40.11	7.60	3.41	0.07		0.06	1.51	0.14	0.71	0.02				0.37				99.89	6.69
KJC028	MD7242	29	30	1.23	0.06	30.69	51.77	4.03	2.35	0.07		0.05	1.36	0.14	0.71	0.03				0.38				99.49	5.33
KJC028	MD7243	30	31	1.22	0.07	28.55	49.07	3.85	5.15	0.09		0.04	1.76	0.28	0.72	0.03				0.40				99.59	6.10
KJC028	MD7244	31	32	1.30	0.06	31.26	47.28	6.37	0.57	0.07		0.03	4.60	0.05	0.83	0.03				0.52				99.77	5.61
KJC028	MD7245	32	33	1.18	0.05	28.63	49.73	5.29	0.48	0.10		0.02	6.34	0.04	0.83	0.03				0.59				100.09	5.77
KJC028	MD7246	33	34	0.99	0.04	25.19	55.68	3.09	0.55	0.55		0.03	6.29	0.05	0.87	0.03				0.57				100.41	5.39
KJC028	MD7247	34	35	0.88	0.04	21.35	60.54	2.67	0.26	0.58		0.03	6.29	0.04	0.75	0.03				0.50				99.85	4.92
KJC028	MD7248	35	36	1.13	0.05	24.09	55.68	3.28	0.31	0.57		0.03	7.01	0.04	0.83	0.03				0.56				100.03	5.42
KJC029	MD7249	0	1	2.62	0.15	22.13	42.52	18.53	0.11	0.77		0.10	1.33	0.75	1.04	0.01				0.08				99.71	9.08
KJC029	MD7250	1	2	3.18	0.18	19.42	41.79	22.71	0.05	0.09		0.11	0.50	0.33	0.68	0.01				0.08				100.30	10.80
KJC029	MD7251	2	3	7.10	0.31	36.19	30.86	15.03	0.14	0.03		0.14	0.16	0.06	0.38	0.02				0.04				99.86	9.08
KJC029	MD7252	3	4	6.39	0.38	54.37	20.68	8.61	0.15	0.01		0.24	0.18	0.02	0.32	0.02				0.03				100.27	8.63
KJC029	MD7253	4	5	7.14	0.35	46.16	25.88	11.49	0.17	0.01		0.13	0.14	0.02	0.38	0.01				0.02				100.26	8.09
KJC029	MD7254	5	6	8.83	0.45	53.29	20.01	9.84	0.22	0.01		0.13	0.13	0.02	0.27	0.01				0.03				100.20	6.69
KJC029	MD7255	6	7	6.27	0.33	50.01	20.26	11.93	0.14	0.02		0.23	0.16	0.02	0.25	0.01				0.03				99.82	9.94
KJC029	MD7256	7	8	7.44	0.36	43.72	23.17	15.60	0.18	<0.01		0.13	0.11	<0.01	0.26	0.01				0.02				100.18	8.84
KJC029	MD7257	8	9	5.06	0.28	40.25	26.60	16.75	0.12	0.01		0.17	0.15	0.04	0.35	0.01				0.04				100.12	9.97
KJC029	MD7258	9	10	1.17	0.10	22.86	45.04	19.82	0.02	0.01		0.13	0.10	0.04	0.51	<0.01				0.07				100.15	9.90
KJC029	MD7259	10	11	1.63	0.12	25.02	45.53	16.68	0.02	0.01		0.16	0.07	0.04	0.40	0.01				0.17				99.74	9.57
KJC029	MD7260	11	12	4.35	0.18	38.64	34.83	11.88	0.16	0.01		0.17	0.09	0.01	0.30	0.02				0.43				99.71	8.20
KJC029	MD7261	12	13	4.10	0.18	39.55	34.34	11.42	0.13	0.02		0.20	0.09	0.02	0.31	0.02				0.30				99.95	8.83
KJC029	MD7262	13	14	4.98	0.22	50.25	20.81	11.44	0.11	0.01		0.27	0.08	0.07	0.30	0.02				0.14				99.72	10.73
KJC029	MD7263	14	15	5.43	0.25	48.05	22.43	12.27	0.13	0.02		0.26	0.11	0.03	0.35	0.02				0.14				99.96	10.08
KJC029	MD7264	15	16	6.46	0.30	50.07	22.02	11.16	0.23	0.01		0.22	0.12	0.01	0.32	0.02				0.12				100.39	8.92
KJC029	MD7265	16	17	6.75	0.33	54.35	16.67	10.67	0.16	0.01		0.27	0.13	<0.01	0.25	0.02				0.04				100.16	10.23
KJC029	MD7266	17	18	9.55	0.41	44.54	22.10	13.17	0.16	0.02		0.24	0.14	0.01	0.33	0.03				0.04				100.25	9.12
KJC029	MD7267	18	19	7.20	0.32	46.75	23.07	11.75	0.18	0.03		0.28	0.18	0.02	0.41	0.03				0.04				100.24	9.50
KJC029	MD7268	19	20	10.78	0.49	47.80	21.15	10.61	0.24	0.05		0.22	0.32	0.02	0.32	0.03				0.03				100.19	7.70
KJC029	MD7269	20	21	8.08	0.40	48.66	23.58	9.19	0.17	0.05		0.25	0.51	0.01	0.55	0.03				0.04				100.09	8.08
KJC029	MD7270	21	22	6.38	0.33	43.89	32.74	7.50	0.21	0.09		0.10	0.88	0.02	0.89	0.03				0.02				99.75	5.97
KJC029	MD7271	22	23	7.54	0.36	42.67	32.16	8.44	0.28	0.10		0.06	1.19	0.02	0.93	0.02				0.01				99.66	5.12
KJC029	MD7272	23	24	9.13	0.44	50.44	25.14	7.72	0.34	0.08		0.05	1.06	0.02	0.71	0.02				0.01				100.07	4.33
KJC029	MD7273	24	25	8.03	0.40	47.56	26.83	8.11	0.82	0.11		0.07	1.10	0.04	0.77	0.01				0.01				99.76	5.20
KJC029	MD7274	25	26	6.22	0.31	42.69	36.16	6.30	0.39	0.14		0.04	1.21	0.04	1.01	0.02				<0.01				100.07	4.93
KJC029	MD7275	26	27	8.07	0.41	43.27	33.59	6.98	0.37	0.12		0.04	1.17	0.03	0.82	0.02				<0.01				99.69	4.19
KJC029	MD7277	27	28	6.87	0.37	44.19	32.88	6.76	0.42	0.15		0.05	1.21	0.05	0.83	0.02				0.03				99.63	5.12
KJC029	MD7278	28	29	9.41	0.49	55.85	21.24	5.88	0.35	0.11		0.02	1.46	0.03	0.75	0.02				0.01				100.01	3.76
KJC029	MD7279	29	30	7.88	0.41	48.26	26.40	4.95	0.37	2.37		0.02	5.04	0.04	0.67	0.03				0.01				100.06	3.04
KJC029	MD7280	30	31	6.99	0.36	45.32	30.88	5.15	0.22	2.08		0.02	4.12	0.05	0.76	0.03				<0.01				100.13	3.57

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC029	MD7281	31	32	7.32	0.38	41.57	30.63	4.88	0.22	4.47		0.02	7.31	0.06	0.61	0.02				0.01				100.04	2.16
KJC029	MD7282	32	33	7.46	0.39	43.47	29.95	5.29	0.20	3.35		0.02	5.60	0.06	0.74	0.02				0.01				99.76	2.73
KJC029	MD7283	33	34	2.26	0.17	22.63	46.55	15.65	0.18	0.43		0.03	1.99	0.14	1.30	0.02				0.07				99.57	7.41
KJC029	MD7284	34	35	2.91	0.18	17.64	45.80	19.49	0.35	0.43		0.04	2.57	0.25	1.43	0.03				0.11				99.69	7.44
KJC029	MD7285	35	36	9.91	0.47	49.32	24.76	7.65	0.24	0.34		0.02	1.88	0.05	0.87	0.03				0.02				99.68	3.59
KJC029	MD7286	36	37	10.93	0.57	54.92	20.65	6.25	0.33	0.19		0.02	1.52	0.04	0.74	0.02				0.02				99.81	3.14
KJC029	MD7288	37	38	6.57	0.36	58.97	19.27	5.28	0.23	0.08		0.01	1.59	0.03	0.40	0.03				0.07				99.63	6.09
KJC029	MD7289	38	39	4.38	0.22	48.64	30.22	5.71	0.19	0.11		0.03	2.95	0.02	0.72	0.03				0.39				100.36	5.88
KJC029	MD7290	39	40	2.53	0.11	60.47	16.48	5.59	0.14	0.09		0.02	4.19	0.02	0.68	0.03				0.34				99.80	8.22
KJC029	MD7291	40	41	7.30	0.40	59.32	14.99	5.87	0.29	0.07		0.02	5.29	0.02	0.67	0.03				0.18				100.05	4.91
KJC029	MD7292	41	42	11.83	0.69	64.39	9.34	4.45	0.48	0.04		0.01	5.48	<0.01	0.40	0.02				0.08				99.96	2.28
KJC029	MD7293	42	43	12.15	0.69	60.30	12.20	4.40	0.54	0.04		0.01	5.49	<0.01	0.40	0.04				0.15				99.98	3.01
KJC029	MD7294	43	44	5.32	0.29	55.53	19.74	6.08	0.22	0.12		0.03	3.21	0.03	0.75	0.04				0.24				99.92	7.28
KJC029	MD7295	44	45	3.60	0.19	49.41	27.13	6.82	0.20	0.12		0.03	3.69	0.03	0.90	0.03				0.45				99.92	6.32
KJC029	MD7296	45	46	9.91	0.58	66.28	9.70	4.12	0.43	0.05		0.02	4.75	0.01	0.45	0.03				0.32				100.22	2.94
KJC029	MD7297	46	47	7.80	0.47	64.09	12.63	4.35	0.39	0.06		0.03	4.66	0.01	0.60	0.03				0.35				99.87	3.66
KJC029	MD7298	47	48	3.86	0.22	51.14	29.50	4.01	0.27	0.36		0.03	4.83	0.03	0.72	0.03				0.26				100.24	4.32
KJC029	MD7299	48	49	1.05	0.05	31.87	50.69	2.29	0.12	1.99		0.02	6.85	0.03	0.47	0.02				0.07				100.09	4.17
KJC029	MD7300	49	50	0.94	0.04	33.69	45.66	2.50	0.13	2.69		0.02	8.44	0.03	0.50	0.02				0.06				99.94	4.75
KJC029	MD7301	50	51	0.80	0.04	32.06	50.02	2.07	0.12	2.73		0.02	7.04	0.05	0.61	0.02				0.05				100.08	3.99
KJC029	MD7302	51	52	0.66	0.03	29.38	54.43	1.78	0.08	2.42		0.02	6.46	0.05	0.59	0.02				0.04				100.35	3.92
KJC029	MD7303	52	53	0.58	0.03	29.24	56.33	1.72	0.07	1.68		0.03	5.34	0.04	0.64	0.02				0.04				100.51	4.24
KJC029	MD7304	53	54	0.76	0.04	25.97	51.25	2.54	0.21	2.52		0.03	12.29	0.04	0.53	0.01				0.09				100.58	3.85
KJC030	MD7305	0	1	6.66	0.38	41.68	22.57	13.50	1.46	0.86		0.03	0.95	0.14	0.39	0.02				0.03				99.77	10.04
KJC030	MD7306	1	2	7.46	0.39	48.82	18.39	10.94	1.30	0.34		0.03	0.66	0.10	0.49	0.02				0.03				99.41	9.09
KJC030	MD7307	2	3	7.30	0.39	45.89	21.36	12.56	0.95	0.06		0.03	0.55	0.17	0.59	0.02				0.02				99.82	8.74
KJC030	MD7308	3	4	7.84	0.39	49.71	21.77	10.82	0.65	0.04		0.03	0.46	0.16	0.60	0.01				0.02				99.59	6.38
KJC030	MD7309	4	5	9.10	0.45	53.24	18.34	10.75	0.36	0.03		0.03	0.43	0.09	0.50	0.02				0.01				100.26	6.39
KJC030	MD7310	5	6	9.04	0.48	56.61	15.32	10.43	0.44	0.03		0.04	0.41	0.06	0.38	0.02				0.02				100.49	6.64
KJC030	MD7311	6	7	9.38	0.49	53.23	17.29	10.95	0.66	0.03		0.07	0.27	0.04	0.26	0.03				0.01				99.76	6.50
KJC030	MD7312	7	8	2.01	0.14	33.76	30.17	20.80	0.12	<0.01		0.15	0.16	0.08	0.49	0.01				0.05				100.25	11.79
KJC030	MD7313	8	9	5.18	0.35	49.30	20.56	13.77	0.25	<0.01		0.16	0.16	0.04	0.28	0.02				0.04				99.82	9.24
KJC030	MD7314	9	10	7.71	0.43	60.86	13.26	8.46	0.48	0.01		0.17	0.18	0.02	0.19	0.02				0.04				100.03	7.71
KJC030	MD7315	10	11	10.05	0.57	64.10	11.32	7.51	0.49	0.01		0.10	0.34	0.01	0.15	0.01				0.03				100.36	5.28
KJC030	MD7316	11	12	11.38	0.71	67.82	9.09	6.38	0.38	0.01		0.07	0.40	<0.01	0.12	0.01				0.02				100.48	3.76
KJC030	MD7317	12	13	2.32	0.19	43.14	25.06	17.06	0.09	0.02		0.16	0.17	0.08	0.31	<0.01				0.11				100.20	11.02
KJC030	MD7318	13	14	5.81	0.36	56.19	16.76	11.74	0.27	0.02		0.11	0.21	0.02	0.22	0.01				0.15				100.53	8.17
KJC030	MD7319	14	15	8.83	0.55	65.30	11.17	7.86	0.33	0.01		0.08	0.30	0.02	0.16	0.01				0.17				100.56	5.32
KJC030	MD7321	15	16	8.06	0.51	62.39	11.84	9.62	0.31	0.01		0.10	0.29	0.01	0.15	0.01				0.13				100.38	6.47
KJC030	MD7322	16	17	5.20	0.33	56.18	15.75	12.59	0.29	0.01		0.14	0.21	0.02	0.20	0.01				0.30				100.22	8.43
KJC030	MD7323	17	18	10.46	0.57	62.24	11.69	9.18	0.42	0.01		0.07	0.51	0.01	0.12	0.01				0.12				100.54	4.83
KJC030	MD7324	18	19	11.69	0.64	64.53	9.65	7.87	0.45	0.01		0.06	0.64	<0.01	0.09	0.01				0.10				100.16	4.16
KJC030	MD7326	19	20	8.67	0.53	59.40	13.76	11.14	0.41	0.01		0.07	0.52	0.01	0.17	0.01				0.20				100.52	5.29
KJC030	MD7327	20	21	2.32	0.15	71.19	10.23	7.65	0.26	0.01		0.13	0.26	0.01	0.26	0.01				0.20				100.41	7.04
KJC030	MD7328	21	22	2.85	0.13	61.25	14.55	11.42	0.24	0.01		0.11	0.30	0.01	0.25	0.01				0.33				99.87	7.76
KJC030	MD7329	22	23	2.98	0.10	44.80	23.43	18.71	0.23	0.02		0.08	0.28	0.02	0.31	0.01				0.18				100.48	8.67
KJC030	MD7330	23	24	2.81	0.09	63.43	13.61	9.91	0.32	0.02		0.10	0.42	0.01	0.30	0.02				1.21				100.36	7.18
KJC030	MD7331	24	25	3.62	0.17	57.85	15.43	11.37	0.28	0.02		0.12	0.38	0.01	0.30	0.02				0.86				100.07	8.81
KJC030	MD7333	25	26	2.27	0.07	54.66	21.68	7.73	1.43	0.02		0.10	0.42	0.12	0.36	0.04				1.09				100.16	8.91
KJC030	MD7334	26	27	1.64	0.06	40.08	42.08	5.91	1.06	0.02		0.08	0.41	0.07	0.29	0.02				0.85				100.50	6.83
KJC030	MD7335	27	28	1.57	0.05	41.36	40.21	5.43	0.67	0.03		0.05	1.67	0.04	0.37	0.03				0.91				100.29	6.69
KJC030	MD7336	28	29	1.71	0.06	44.68	33.81	5.30	1.21	0.04		0.07	2.66	0.07	0.54	0.04				0.83				99.86	7.27
KJC030	MD7337	29	30	1.73	0.07	32.85	48.01	4.81	0.73	0.05		0.05	3.41	0.05	0.57	0.03				0.74				100.00	5.72
KJC031	MD7338	0	1	2.69	0.15	37.27	34.42	14.29	0.09	0.04		0.12	0.19	0.04	0.28	0.01				0.32				100.16	9.78
KJC031	MD7339	1	2	3.04	0.22	25.53	37.36	22.34	0.09	0.02		0.10	0.16	0.13	0.34	0.01				0.16				100.22	10.28
KJC031	MD7340	2	3	11.52	0.66	61.04	14.04	7.32	0.31	0.01		0.07	0.48	0.02	0.14	0.02				0.12				99.70	3.72
KJC031	MD7341	3	4	8.53	0.42	52.70	17.40	12.02	0.29	0.02		0.12	0.28	0.01	0.27	0.02				0.18				99.98	7.29
KJC031	MD7342	4	5	4.62	0.20	50.01	22.62	11.58	0.25	0.02		0.17	0.17	0.02	0.34	0.02				0.24				99.91	9.12
KJC031	MD7343	5	6	3.37	0.15	51.43	19.76	12.22	0.26	0.02		0.24	0.18	0.01	0.32	0.02				0.24				99.70	10.90
KJC031	MD7344	6	7	3.30	0.16	45.22	27.26	12.19	0.23	0.03		0.18	0.21	0.02	0.34	0.02				0.26				100.27	10.32
KJC031	MD7345	7	8	3.06	0.13	39.84	34.08	12.48	0.32	0.02		0.13	0.19	0.02	0.33	0.01				0.24				100.28	8.90
KJC031	MD7346	8	9	2.16	0.10	57.35	20.56	8.38	0.28	0.07		0.24	0.24	0.02	0.30	0.02				0.32				100.41	9.71

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC031	MD7347	9	10	2.00	0.05	52.94	26.16	9.43	0.35	0.02		0.16	0.29	0.02	0.32	0.01				0.17				100.49	8.01
KJC031	MD7348	10	11	1.92	0.05	53.49	27.27	7.85	0.26	0.02		0.13	0.31	0.02	0.30	0.01				0.19				99.65	7.36
KJC031	MD7349	11	12	2.54	0.06	43.05	34.03	10.15	0.19	0.05		0.15	0.68	0.03	0.57	0.01				0.32				100.17	7.85
KJC031	MD7351	12	13	3.06	0.06	29.72	42.05	13.15	0.13	0.11		0.11	1.47	0.06	1.20	0.01				0.38				100.54	8.39
KJC031	MD7352	13	14	4.11	0.05	31.11	40.44	11.84	0.20	0.11		0.10	2.00	0.14	1.26	0.02				0.30				100.13	7.64
KJC031	MD7353	14	15	1.48	0.04	28.15	39.37	14.36	0.12	0.09		0.09	4.43	1.20	1.25	0.03				0.10				99.77	8.24
KJC031	MD7354	15	16	1.54	0.02	19.79	47.11	18.13	0.05	0.12		0.11	1.61	0.51	1.33	0.01				0.12				100.22	9.01
KJC031	MD7355	16	17	1.50	0.03	18.76	48.00	17.95	0.05	0.18		0.10	1.92	0.34	1.53	0.02				0.09				100.09	8.80
KJC031	MD7356	17	18	1.49	0.03	17.97	49.84	17.25	0.12	0.87		0.07	1.40	0.28	2.48	0.02				0.07				100.09	7.35
KJC032	MD7357	0	1	3.94	0.18	35.41	37.59	10.75	0.19	1.86		0.21	1.13	0.45	0.73	0.01				0.21				100.12	6.99
KJC032	MD7358	1	2	3.34	0.13	32.23	42.57	10.90	0.12	0.25		0.09	0.99	0.24	0.89	0.02				0.33				99.88	7.09
KJC032	MD7359	2	3	2.96	0.11	35.22	39.98	10.33	0.14	0.32		0.15	1.01	0.13	1.00	0.02				0.52				100.56	8.02
KJC032	MD7360	3	4	3.04	0.10	32.31	39.55	10.00	0.18	1.88		0.99	1.07	0.07	1.04	0.02				0.28				99.96	9.70
KJC032	MD7361	4	5	3.52	0.10	30.65	43.23	10.68	0.16	0.35		0.19	1.40	0.08	1.25	0.03				0.15				100.50	8.09
KJC032	MD7362	5	6	3.79	0.10	32.56	41.14	10.81	0.14	0.21		0.13	1.27	0.10	1.12	0.02				0.08				100.36	8.26
KJC032	MD7363	6	7	4.39	0.15	36.56	37.16	9.78	0.17	0.17		0.10	1.29	0.08	1.05	0.02				0.05				100.25	8.73
KJC032	MD7364	7	8	4.47	0.17	40.67	34.30	9.41	0.21	0.15		0.09	1.17	0.06	1.01	0.02				0.03				99.58	7.28
KJC032	MD7365	8	9	4.86	0.20	45.95	30.40	9.40	0.21	0.13		0.07	1.01	0.04	0.86	0.02				0.05				100.15	6.32
KJC032	MD7366	9	10	4.95	0.21	45.48	30.04	10.06	0.17	0.13		0.09	1.05	0.04	0.86	0.02				0.06				100.14	6.27
KJC032	MD7367	10	11	4.94	0.21	41.42	33.67	10.65	0.16	0.15		0.09	1.13	0.04	1.00	0.02				0.06				100.27	5.96
KJC032	MD7368	11	12	4.16	0.21	50.86	25.99	8.57	0.14	0.13		0.18	0.84	0.04	0.83	0.01				0.05				100.24	7.51
KJC032	MD7369	12	13	4.34	0.23	37.92	41.80	6.31	0.15	0.14		0.12	0.98	0.05	0.84	0.01				0.06				99.48	6.08
KJC032	MD7370	13	14	4.04	0.23	53.16	25.45	7.22	0.45	0.10		0.14	0.67	0.05	0.61	0.01				0.22				100.41	7.27
KJC032	MD7371	14	15	9.02	0.47	59.98	16.55	5.41	0.43	0.09		0.04	1.91	0.03	0.55	0.02				0.01				99.53	4.29
KJC032	MD7372	15	16	8.50	0.43	50.34	25.37	5.50	0.55	0.29		0.02	2.83	0.06	0.85	0.03				0.01				99.77	3.86
KJC032	MD7373	16	17	8.11	0.42	47.58	27.30	4.53	0.46	1.44		0.02	4.96	0.05	0.62	0.02				0.01				99.72	3.44
KJC032	MD7374	17	18	8.40	0.44	45.72	28.49	4.61	0.49	1.28		0.02	5.12	0.05	0.60	0.02				0.01				99.59	3.47
KJC032	MD7375	18	19	8.69	0.48	49.13	27.13	4.44	0.34	0.63		0.02	3.99	0.05	0.65	0.02				0.01				99.90	3.69
KJC032	MD7376	19	20	7.89	0.48	48.93	27.93	5.20	0.38	0.27		0.02	2.94	0.06	0.77	0.03				0.02				99.69	3.95
KJC032	MD7377	20	21	9.90	0.54	60.87	14.34	4.69	0.92	0.09		0.02	2.91	0.06	0.51	0.03				0.01				99.82	4.09
KJC032	MD7378	21	22	11.01	0.59	61.08	12.93	4.58	0.58	0.07		0.03	3.88	0.03	0.51	0.03				0.01				99.47	3.49
KJC032	MD7379	22	23	11.02	0.59	62.25	12.49	4.69	0.43	0.07		0.02	3.67	0.03	0.48	0.03				0.02				100.04	3.61
KJC032	MD7380	23	24	10.73	0.58	62.06	13.20	4.85	0.36	0.08		0.03	3.13	0.03	0.51	0.03				0.02				99.99	3.86
KJC032	MD7381	24	25	12.64	0.67	61.07	12.78	4.91	0.48	0.08		0.02	3.62	0.03	0.52	0.02				0.02				100.16	2.78
KJC032	MD7382	25	26	5.92	0.35	53.47	22.27	7.25	0.42	0.13		0.04	1.71	0.08	0.70	0.03				0.03				100.15	7.06
KJC032	MD7383	26	27	1.51	0.11	38.34	35.57	11.17	0.13	0.25		0.03	1.54	0.17	1.15	0.03				0.05				99.89	8.89
KJC032	MD7385	27	28	9.88	0.54	50.75	23.99	6.59	0.24	0.19		0.02	1.69	0.08	0.86	0.03				0.03				100.35	4.76
KJC032	MD7386	28	29	11.50	0.64	64.12	12.50	4.34	0.75	0.09		0.02	2.02	0.06	0.49	0.04				0.04				100.43	3.27
KJC032	MD7387	29	30	9.02	0.50	52.16	19.56	7.98	0.95	0.12		0.02	3.51	0.08	0.70	0.03				0.04				99.96	4.47
KJC032	MD7388	30	31	11.71	0.65	64.25	11.18	4.13	0.61	0.08		0.01	3.82	0.03	0.45	0.03				0.07				100.22	2.74
KJC032	MD7389	31	32	11.32	0.64	65.57	10.15	3.83	0.34	0.06		0.01	4.25	0.02	0.41	0.03				0.08				99.79	2.63
KJC032	MD7390	32	33	9.41	0.53	64.16	14.72	3.09	0.28	0.07		0.01	3.37	0.03	0.51	0.03				0.13				99.82	3.01
KJC032	MD7391	33	34	2.37	0.12	43.45	37.76	3.02	0.10	0.92		0.02	5.46	0.05	0.81	0.02				0.05				99.89	5.25
KJC032	MD7392	34	35	1.34	0.06	35.12	40.88	3.67	0.12	2.00		0.02	9.73	0.05	0.71	0.02				0.01				99.41	5.21
KJC032	MD7393	35	36	1.14	0.04	32.28	42.24	3.72	0.12	2.37		0.02	11.95	0.06	0.79	0.02				0.01				100.16	4.94
KJC032	MD7394	36	37	1.13	0.04	26.88	45.68	3.54	0.16	4.20		0.01	13.44	0.04	0.50	0.01				0.02				100.32	4.36
KJC032	MD7395	37	38	2.19	0.07	22.57	46.83	6.42	0.21	5.62		0.02	10.37	0.16	1.12	0.01				0.20				100.13	3.84
KJC032	MD7396	38	39	1.86	0.06	16.75	48.73	6.26	0.17	8.44		0.02	12.29	0.21	1.02	0.01				0.21				99.61	3.12
KJC032	MD7397	39	40	1.80	0.06	15.66	47.87	5.63	0.19	10.71		0.01	13.58	0.19	0.86	0.01				0.24				99.72	2.52
KJC032	MD7398	40	41	1.74	0.05	17.22	47.48	5.80	0.17	9.20		0.02	12.77	0.18	1.03	0.01				0.29				99.82	3.43
KJC032	MD7399	41	42	1.42	0.05	18.56	48.06	4.40	0.18	8.67		0.02	13.87	0.14	0.63	0.01				0.29				99.60	2.90
KJC033	MD7400	0	1	2.86	0.13	22.64	29.17	5.80	0.20	9.18		0.05	11.11	0.50	0.72	0.01				0.07				99.62	16.73
KJC033	MD7401	1	2	1.68	0.07	21.07	30.62	5.53	0.19	5.99		0.04	17.11	0.38	0.83	0.01				0.05				99.82	15.82
KJC033	MD7402	2	3	1.32	0.08	26.78	38.01	11.03	0.12	1.77		0.08	7.05	0.52	1.47	0.01				0.08				99.68	10.69
KJC033	MD7403	3	4	1.76	0.07	27.39	43.01	9.11	0.19	1.68		0.05	7.14	0.71	1.39	0.02				0.17				99.70	6.42
KJC033	MD7404	4	5	1.52	0.06	28.19	44.39	8.38	0.14	1.86		0.04	7.44	0.08	1.14	0.01				0.50				100.04	5.69
KJC033	MD7405	5	6	1.30	0.05	23.69	51.39	6.55	0.13	1.86		0.04	7.45	0.07	0.97	0.01				0.41				99.43	5.01
KJC033	MD7406	6	7	1.68	0.06	27.81	47.32	5.47	0.14	1.89		0.05	7.56	0.10	0.94	0.01				0.53				99.98	5.89
KJC033	MD7407	7	8	1.78	0.04	24.79	51.19	3.91	0.14	1.96		0.03	9.44	0.03	0.83	0.01				0.58				99.66	4.37
KJC033	MD7408	8	9	1.24	0.03	19.59	52.25	5.99	0.14	3.27		0.04	10.70	0.06	0.89	0.01				0.44				99.49	4.31
KJC033	MD7409	9	10	1.31	0.04	21.12	51.54	5.30	0.14	3.12		0.03	11.32	0.03	0.76	0.01				0.51				99.76	3.95
KJC033	MD7410	10	11	1.27	0.03	22.10	51.44	6.22	0.12	2.28		0.03	9.45	0.04	0.82	0.01				0.55				99.42	4.39

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC033	MD7411	11	12	1.33	0.03	22.70	51.33	5.97	0.10	1.66		0.02	8.79	0.04	1.42	0.01				0.53				99.47	4.71
KJC033	MD7412	12	13	1.09	0.04	28.34	47.30	4.52	0.10	1.77		0.02	10.20	0.04	1.61	0.02				0.55				100.31	3.96
KJC033	MD7414	13	14	1.04	0.04	22.91	52.85	4.45	0.11	1.67		0.02	10.39	0.03	1.21	0.01				0.46				100.01	4.09
KJC033	MD7415	14	15	1.28	0.04	26.88	45.37	3.84	0.18	1.81		0.03	12.87	0.03	0.96	0.01				0.46				99.49	4.69
KJC033	MD7416	15	16	1.30	0.03	26.39	45.35	4.16	0.31	1.98		0.04	12.66	0.04	1.02	0.01				0.54				100.32	5.15
KJC033	MD7417	16	17	1.17	0.03	24.73	47.91	3.81	0.26	2.03		0.03	11.88	0.03	0.95	0.01				0.49				99.56	5.07
KJC033	MD7418	17	18	1.09	0.03	24.51	47.87	3.74	0.23	2.53		0.03	12.34	0.03	0.84	0.01				0.45				99.48	4.77
KJC033	MD7419	18	19	1.00	0.03	23.20	50.11	3.60	0.23	2.28		0.03	12.35	0.04	0.84	0.01				0.45				100.20	4.99
KJC033	MD7420	19	20	1.24	0.03	22.53	50.94	3.77	0.20	2.12		0.03	11.98	0.04	0.89	0.01				0.46				100.15	4.81
KJC033	MD7421	20	21	1.10	0.04	20.35	54.49	3.34	0.35	1.82		0.03	11.26	0.04	0.87	0.01				0.46				100.15	4.89
KJC033	MD7422	21	22	1.18	0.03	18.12	53.49	4.14	0.20	2.37		0.02	14.17	0.03	0.83	0.01				0.43				100.46	4.77
KJC033	MD7423	22	23	1.22	0.03	18.46	56.01	3.60	0.09	1.95		0.02	11.96	0.04	0.81	0.01				0.49				100.11	4.83
KJC033	MD7424	23	24	1.19	0.03	18.94	58.76	3.68	0.08	1.19		0.03	9.81	0.03	0.64	0.01				0.47				100.22	4.58
KJC034	MD7425	0	1	3.78	0.16	24.98	35.84	8.89	0.20	5.63		0.06	6.49	1.15	0.93	0.01				0.10				100.41	11.69
KJC034	MD7426	1	2	3.47	0.16	24.69	43.84	14.83	0.10	0.49		0.09	2.54	1.38	1.27	0.01				0.07				100.36	7.02
KJC034	MD7427	2	3	4.47	0.20	31.34	37.39	12.43	0.09	0.22		0.14	3.05	1.96	1.09	0.01				0.04				100.17	7.15
KJC034	MD7428	3	4	8.09	0.39	45.32	27.36	6.08	0.18	0.02		0.11	4.16	2.57	0.55	0.02				0.02				99.52	4.30
KJC034	MD7429	4	5	9.37	0.40	50.85	28.96	3.67	0.23	0.02		0.08	1.95	0.96	0.67	0.01				0.03				100.22	2.72
KJC034	MD7430	5	6	8.95	0.37	49.92	30.36	3.72	0.23	0.02		0.09	1.79	0.80	0.65	0.01				0.03				100.25	2.82
KJC034	MD7431	6	7	8.87	0.38	49.44	30.23	3.83	0.25	0.31		0.09	1.93	0.89	0.59	0.01				0.04				100.47	3.19
KJC034	MD7432	7	8	8.94	0.40	49.70	27.63	4.69	0.23	0.04		0.07	3.35	1.80	0.52	0.02				0.04				100.25	2.50
KJC034	MD7433	8	9	8.57	0.37	48.38	27.64	5.03	0.20	0.02		0.10	3.31	1.80	0.57	0.02				0.05				100.06	3.53
KJC034	MD7434	9	10	6.44	0.28	42.43	33.34	5.98	0.16	0.02		0.08	4.00	1.88	0.71	0.02				0.06				100.18	4.32
KJC034	MD7435	10	11	6.87	0.33	45.88	30.00	6.33	0.20	0.03		0.07	3.81	1.21	0.85	0.01				0.09				100.27	4.15
KJC034	MD7436	11	12	5.59	0.27	42.89	30.56	8.81	0.21	0.04		0.08	3.67	0.85	1.05	0.01				0.12				100.19	5.49
KJC034	MD7437	12	13	1.77	0.05	26.19	41.46	14.29	0.07	0.11		0.06	5.31	1.18	1.49	0.01				0.02				100.31	7.54
KJC034	MD7438	13	14	1.72	0.04	28.04	37.82	13.87	0.10	0.06		0.07	6.73	1.63	1.60	0.02				0.02				99.89	7.45
KJC034	MD7439	14	15	2.16	0.05	28.71	36.09	11.31	1.04	0.35		0.04	8.77	1.62	1.88	0.02				0.04				99.54	6.00
KJC034	MD7440	15	16	2.29	0.05	28.53	36.69	10.06	1.04	0.91		0.03	9.69	0.86	1.56	0.02				0.09				99.41	6.09
KJC034	MD7441	16	17	1.21	0.03	19.76	44.03	4.82	0.22	3.48		0.02	19.96	0.09	0.58	0.02				0.40				100.20	5.09
KJC034	MD7442	17	18	1.06	0.03	19.10	46.38	4.53	0.15	2.68		0.06	19.08	0.05	0.56	0.01				0.41				99.79	5.11
KJC034	MD7443	18	19	1.27	0.04	22.04	43.15	4.67	0.16	2.97		0.03	18.70	0.08	0.61	0.01				0.43				99.96	5.27
KJC034	MD7444	19	20	1.04	0.03	18.27	42.71	5.25	0.16	3.92		0.02	22.08	0.02	0.35	0.01				0.39				99.87	5.24
KJC034	MD7445	20	21	1.02	0.03	17.46	45.90	4.21	0.16	4.25		0.01	21.29	0.02	0.23	0.01				0.36				99.79	4.44
KJC034	MD7446	21	22	0.99	0.03	19.95	47.84	3.50	0.15	3.64		0.04	18.58	0.02	0.21	0.01				0.37				99.78	4.11
KJC034	MD7447	22	23	0.97	0.03	22.27	46.69	3.27	0.15	3.64		0.03	17.41	0.02	0.18	0.01				0.37				99.59	4.15
KJC034	MD7448	23	24	1.04	0.03	23.55	48.43	2.67	0.15	3.34		0.02	15.95	0.02	0.18	0.01				0.32				99.73	3.60
KJC034	MD7449	24	25	0.91	0.03	23.05	47.87	4.20	0.15	1.93		0.03	15.12	0.69	0.67	0.01				0.23				99.89	4.53
KJC034	MD7450	25	26	0.86	0.03	20.24	45.29	4.54	0.17	3.42		0.05	18.60	0.94	0.75	0.01				0.30				99.43	3.83
KJC034	MD7451	26	27	1.04	0.03	22.90	46.62	3.29	0.17	3.22		0.01	17.77	0.07	0.17	0.01				0.30				99.82	3.84
KJC034	MD7452	27	28	1.08	0.03	19.35	43.70	4.43	0.21	5.21		0.18	20.74	0.08	0.15	0.01				0.27				99.54	3.94
KJC034	MD7453	28	29	0.77	0.03	17.10	48.34	2.93	0.25	5.55		0.53	20.78	0.05	0.14	0.01				0.28				99.61	3.05
KJC034	MD7454	29	30	1.48	0.05	22.16	41.73	4.54	0.22	5.02		0.36	20.21	0.03	0.11	0.01				0.24				99.59	3.47
KJC034	MD7455	30	31	2.74	0.07	27.99	32.31	7.44	0.25	2.45		0.23	19.54	0.11	0.29	0.02				0.24				99.94	6.05
KJC034	MD7456	31	32	2.92	0.08	31.74	27.02	7.83	0.27	2.56		0.29	21.22	<0.01	0.08	0.02				0.26				100.08	5.76
KJC034	MD7457	32	33	1.66	0.06	24.45	35.19	5.92	0.24	4.88		0.40	21.95	0.01	0.10	0.01				0.27				99.62	4.52
KJC034	MD7458	33	34	1.21	0.04	19.72	43.15	4.24	0.27	5.15		0.46	20.55	0.01	0.11	0.01				0.28				99.45	4.31
KJC034	MD7459	34	35	0.88	0.03	20.29	43.66	3.11	0.28	5.95		0.51	19.10	<0.01	0.10	0.01				0.34				99.40	5.21
KJC034	MD7460	35	36	2.09	0.05	24.78	36.50	5.26	0.27	4.45		0.46	20.24	<0.01	0.09	0.01				0.23				99.47	5.09
KJC034	MD7461	36	37	1.14	0.03	18.18	44.69	3.10	0.23	7.10		0.35	18.64	0.01	0.13	0.01				0.27				99.59	5.64
KJC034	MD7462	37	38	1.00	0.03	18.12	39.40	3.39	0.23	4.00		0.40	26.92	0.01	0.10	0.01				0.34				99.44	5.46
KJC034	MD7463	38	39	0.92	0.02	17.51	39.89	3.31	0.23	3.72		0.38	27.47	0.01	0.09	0.01				0.34				99.41	5.45
KJC034	MD7464	39	40	0.82	0.02	16.47	41.83	3.31	0.22	4.58		0.38	26.10	0.01	0.12	0.01				0.34				99.40	5.17
KJC034	MD7465	40	41	0.89	0.03	19.27	41.25	3.00	0.24	4.15		0.39	25.74	0.01	0.11	0.01				0.32				99.75	4.31
KJC034	MD7466	41	42	1.49	0.03	21.46	37.84	4.58	0.24	4.28		0.30	23.79	0.01	0.09	0.01				0.27				99.73	5.19
KJC035	MD7467	0	1	3.43	0.17	21.24	27.04	6.27	0.21	10.98		0.06	9.54	1.01	0.64	0.01				0.05				100.00	18.99
KJC035	MD7468	1	2	4.85	0.21	29.12	35.14	8.85	0.25	4.24		0.06	5.36	1.17	0.92	0.01				0.06				100.18	9.46
KJC035	MD7469	2	3	4.40	0.19	27.51	42.45	11.30	0.15	1.23		0.09	3.58	1.30	1.14	0.01				0.08				100.00	6.10
KJC035	MD7470	3	4	2.55	0.11	20.94	47.97	12.84	0.10	1.36		0.09	4.46	1.01	1.30	0.01				0.18				100.21	6.75
KJC035	MD7471	4	5	1.37	0.06	18.70	53.25	3.79	0.15	4.40		0.05	12.50	0.16	0.64	0.02				0.36				99.88	4.09
KJC035	MD7472	5	6	0.90	0.04	17.22	55.43	1.84	0.15	5.57		0.05	14.94	0.05	0.43	0.01				0.37				100.07	2.81
KJC035	MD7473	6	7	1.28	0.05	20.43	56.23	2.84	0.15	3.61		0.08	9.57	0.07	0.63	0.02				0.43				100.17	4.40

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
KJC035	MD7474	7	8	3.41	0.13	23.13	57.31	4.17	0.11	1.11		0.12	3.11	0.15	0.87	0.02				0.33				99.60	5.18
KJC035	MD7475	8	9	2.46	0.09	17.38	54.72	6.65	0.12	5.54		0.05	7.16	0.53	0.94	0.01				0.12				99.78	3.75
KJC035	MD7476	9	10	2.45	0.09	19.49	52.06	6.95	0.12	5.66		0.04	7.18	0.40	0.90	0.01				0.10				99.75	4.05
KJC035	MD7477	10	11	3.20	0.11	20.72	51.97	6.52	0.11	5.14		0.05	6.36	0.37	0.94	0.01				0.06				99.79	3.99
KJC035	MD7478	11	12	3.08	0.11	22.16	52.50	9.34	0.03	0.75		0.07	3.40	0.94	1.09	0.01				0.06				100.13	6.30
KJC035	MD7479	12	13	3.35	0.11	19.44	53.15	11.85	0.02	0.52		0.07	2.24	0.23	1.12	0.01				0.06				99.92	7.50
KJC035	MD7480	13	14	3.41	0.11	22.44	47.12	15.04	0.01	0.23		0.07	1.67	0.18	1.11	0.01				0.04				100.19	8.47
KJC035	MD7481	14	15	3.80	0.12	22.11	45.37	16.05	0.02	0.41		0.07	1.67	0.16	1.13	0.01				0.02				100.06	8.78
KJC035	MD7482	15	16	3.97	0.11	21.53	45.30	13.54	0.11	2.34		0.05	3.87	0.33	1.27	0.01				0.02				99.90	7.05
KJC035	MD7483	16	17	4.47	0.13	23.87	43.76	10.10	0.31	4.16		0.03	5.16	0.36	1.37	0.01				0.01				99.43	5.23
KJC035	MD7484	17	18	4.43	0.14	23.80	42.61	8.89	0.62	7.27		0.02	5.96	0.42	1.19	0.02				<0.01				99.79	3.89
KJC035	MD7485	18	19	4.82	0.15	24.57	40.93	9.66	0.33	6.65		0.03	6.21	1.08	1.13	0.02				0.01				99.84	3.83
KJC035	MD7486	19	20	4.37	0.14	24.67	36.96	13.65	0.12	3.63		0.04	5.97	3.11	0.87	0.02				<0.01				99.71	5.63
KJC035	MD7487	20	21	4.73	0.15	24.95	39.39	11.82	0.12	4.94		0.03	5.07	1.89	1.19	0.02				<0.01				99.94	5.13
KJC035	MD7488	21	22	5.03	0.18	25.18	39.96	8.97	0.18	8.12		0.02	6.85	1.26	1.13	0.02				<0.01				99.78	2.54
KJC035	MD7489	22	23	4.67	0.15	25.42	38.89	10.83	0.14	6.29		0.03	5.90	1.82	1.06	0.02				<0.01				99.59	3.98
KJC035	MD7490	23	24	4.76	0.16	22.98	41.94	8.61	0.19	9.95		0.01	7.26	0.90	1.14	0.01				<0.01				99.96	1.77
KJC035	MD7491	24	25	4.53	0.14	22.94	41.46	10.24	0.16	7.27		0.02	6.16	1.66	1.09	0.02				<0.01				99.74	3.75
KJC035	MD7492	25	26	5.58	0.20	26.16	39.30	8.12	0.20	9.33		0.01	6.74	0.98	1.12	0.02				<0.01				100.03	2.01
KJC035	MD7493	26	27	4.66	0.16	22.74	42.24	9.20	0.19	9.35		0.01	6.52	0.95	1.48	0.02				<0.01				99.73	1.89
KJC035	MD7494	27	28	4.63	0.16	23.65	40.45	9.21	0.19	8.92		0.02	6.93	1.40	1.24	0.02				<0.01				99.42	2.31
KJC035	MD7495	28	29	4.52	0.15	23.86	41.28	9.24	0.19	8.75		0.02	6.47	1.19	1.35	0.02				<0.01				99.54	2.22
KJC035	MD7496	29	30	4.64	0.14	22.79	40.30	10.61	0.19	8.45		1.82	6.00	1.87	1.35	0.02				<0.01				99.77	2.98
KJC035	MD7497	30	31	4.69	0.16	21.33	41.87	9.74	0.23	11.00		1.21	7.08	1.10	1.40	0.02				<0.01				100.51	1.59
KJC035	MD7499	31	32	4.76	0.15	20.71	40.38	10.01	0.24	10.49		2.62	7.11	1.88	1.04	0.02				<0.01				99.69	2.54
KJC035	MD7500	32	33	4.43	0.11	22.18	37.11	11.04	0.23	8.63		4.86	6.78	3.07	0.65	0.02				<0.01				99.44	4.72
KJC035	MD7501	33	34	4.33	0.13	22.83	39.04	9.49	0.26	8.69		3.93	6.12	2.19	0.80	0.02				<0.01				99.69	5.36
KJC035	MD7502	34	35	4.45	0.13	25.17	37.33	8.44	0.29	7.85		3.95	5.99	2.26	0.69	0.02				<0.01				99.66	6.60
KJC035	MD7503	35	36	5.55	0.15	23.98	36.10	9.16	0.24	7.98		4.23	6.75	3.32	0.58	0.02				<0.01				99.67	5.26
KJC035	MD7504	36	37	5.04	0.18	24.51	36.66	8.85	0.26	10.43		3.54	7.59	1.89	0.93	0.02				<0.01				99.46	2.68
KJC035	MD7505	37	38	6.31	0.26	31.18	33.43	8.46	0.24	8.91		1.79	6.70	2.23	0.92	0.02				0.01				100.34	1.27
KJC035	MD7506	38	39	5.42	0.22	28.48	35.13	8.93	0.24	9.15		2.40	6.74	1.84	1.14	0.02				<0.01				99.79	2.05
KJC035	MD7507	39	40	5.60	0.22	29.40	34.33	8.48	0.24	8.92		2.96	7.02	1.87	1.02	0.02				0.01				99.85	2.15
KJC035	MD7508	40	41	6.11	0.25	34.26	30.66	7.38	0.25	7.58		3.23	6.86	1.86	0.82	0.02				<0.01				99.53	2.82
KJC035	MD7509	41	42	6.15	0.26	33.92	32.01	7.12	0.26	8.16		1.97	7.95	1.26	0.73	0.02				0.01				99.89	1.42
MRC077A	MD6211	0	1	13.18	0.62	50.01	18.23	10.94	0.17	0.09		0.04	0.34	0.04	0.06	0.01				0.02				99.43	5.62
MRC077A	MD6212	1	2	10.91	0.47	48.21	20.12	12.23	0.24	0.03		0.06	0.22	0.09	0.14	0.02				0.02				99.84	6.91
MRC077A	MD6213	2	3	7.92	0.44	39.08	26.29	17.15	0.17	0.02		0.04	0.16	0.05	0.18	0.02				0.03				100.24	8.55
MRC077A	MD6214	3	4	10.47	0.56	53.24	17.60	11.35	0.21	0.01		0.06	0.22	0.05	0.15	0.01				0.03				99.79	5.69
MRC077A	MD6215	4	5	11.15	0.54	57.78	13.58	9.58	0.21	0.01		0.07	0.20	0.04	0.13	0.01				0.01				99.66	6.22
MRC077A	MD6216	5	6	11.40	0.54	58.87	13.44	9.68	0.22	0.02		0.05	0.20	0.03	0.16	0.01				0.01				100.11	5.31
MRC077A	MD6217	6	7	10.69	0.52	57.05	13.68	10.59	0.20	0.02		0.07	0.20	0.03	0.31	0.01				0.01				100.09	6.38
MRC077A	MD6218	7	8	10.88	0.49	56.45	13.80	10.80	0.22	0.01		0.08	0.17	0.05	0.26	0.02				0.01				100.30	6.73
MRC077A	MD6219	8	9	11.24	0.50	51.06	16.25	13.10	0.23	<0.01		0.06	0.13	0.03	0.16	0.01				0.03				99.75	6.75
MRC077A	MD6221	9	10	1.44	0.11	28.50	31.41	25.49	0.02	<0.01		0.08	0.10	0.06	0.43	<0.01				0.09				100.32	12.20
MRC077A	MD6222	10	11	3.97	0.22	33.17	28.56	22.53	0.07	<0.01		0.07	0.11	0.13	0.33	0.01				0.11				100.19	10.62
MRC077A	MD6223	11	12	9.81	0.48	51.58	17.27	13.63	0.18	<0.01		0.06	0.13	0.07	0.19	0.01				0.04				100.40	6.74
MRC077A	MD6224	12	13	10.10	0.50	60.65	11.78	9.40	0.23	0.01		0.10	0.12	0.02	0.17	0.01				0.02				100.57	7.24
MRC077A	MD6225	13	14	8.67	0.43	44.99	20.34	16.04	0.16	<0.01		0.08	0.11	0.04	0.23	0.01				0.02				99.64	8.31
MRC077A	MD6226	14	15	10.39	0.49	48.83	18.05	14.05	0.22	<0.01		0.09	0.11	0.02	0.22	0.01				0.01				100.38	7.63
MRC077A	MD6227	15	16	9.83	0.47	56.24	14.64	11.25	0.25	<0.01		0.09	0.11	0.01	0.16	0.01				0.01				100.27	6.96
MRC077A	MD6228	16	17	9.98	0.49	56.95	14.69	11.32	0.24	<0.01		0.06	0.14	0.01	0.14	0.01				0.01				100.37	6.13
MRC077A	MD6229	17	18	9.83	0.49	55.41	15.59	11.97	0.23	<0.01		0.06	0.16	0.01	0.14	0.01				0.01				100.21	6.04
MRC077A	MD6230	18	19	7.97	0.38	45.75	21.24	16.11	0.22	<0.01		0.06	0.12	0.02	0.17	0.01				0.01				100.52	8.22
MRC077A	MD6231	19	20	6.69	0.33	47.25	20.76	16.06	0.22	<0.01		0.05	0.20	0.06	0.18	0.01				0.03				99.86	7.79
MRC077A	MD6232	20	21	3.69	0.17	45.52	22.35	17.40	0.15	<0.01		0.07	0.16	0.04	0.32	0.01				0.32				100.23	9.57
MRC077A	MD6233	21	22	9.83	0.56	61.32	12.72	9.53	0.29	0.01		0.04	0.46	0.02	0.17	0.01				0.08				100.28	4.98
MRC077A	MD6234	22	23	8.27	0.51	51.90	19.85	11.49	0.23	0.01		0.04	0.49	0.05	0.30	0.01				0.06				99.45	5.93
MRC077A	MD6235	23	24	3.99	0.18	31.01	36.04	17.79	0.14	0.01		0.04	0.51	0.18	0.62	0.02				0.05				99.95	8.92
MRC077A	MD6236	24	25	4.76	0.23	32.10	35.45	15.98	0.53	0.02		0.03	0.71	0.16	0.89	0.02				0.03				100.10	8.38
MRC077A	MD6237	25	26	2.87	0.15	27.61	38.76	17.75	0.58	0.05		0.02	0.88	0.16	1.03	0.03				0.08				99.87	8.97
MRC077A	MD6238	26	27	9.35	0.51	51.20	21.64	9.37	0.44	0.03		0.01	1.31	0.11	0.60	0.02				0.05				99.93	4.69

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC077A	MD6239	27	28	3.83	0.19	37.49	31.32	11.62	0.47	0.34		0.02	4.66	0.23	0.96	0.04				0.25				99.87	7.48
MRC077A	MD6241	28	29	10.43	0.55	56.63	17.35	4.81	0.41	0.93		0.01	4.62	0.07	0.48	0.03				0.17				99.95	3.00
MRC077A	MD6242	29	30	7.64	0.40	48.59	24.12	6.18	0.38	1.62		0.01	6.62	0.07	0.54	0.03				0.12				100.44	3.62
MRC077A	MD6243	30	31	2.76	0.10	27.91	40.28	7.89	0.48	4.55		0.02	8.78	0.22	0.93	0.03				0.19				100.24	5.17
MRC077A	MD6244	31	32	1.85	0.07	19.83	47.39	4.97	0.24	8.61		0.01	13.15	0.15	0.73	0.02				0.18				100.17	2.54
MRC077A	MD6245	32	33	3.97	0.24	36.90	35.61	4.29	0.26	4.50		0.01	9.88	0.10	0.61	0.02				0.15				100.16	3.16
MRC077A	MD6246	33	34	1.20	0.07	17.15	48.27	14.01	0.19	6.09		0.01	6.61	0.79	2.92	0.01				0.05				100.49	2.85
MRC077A	MD6247	34	35	0.94	0.05	13.73	50.48	14.66	0.16	7.83		0.00	6.53	0.38	3.52	0.01				0.05				100.20	1.68
MRC077A	MD6248	35	36	1.04	0.06	14.90	49.65	16.42	0.38	3.24		0.01	5.17	1.08	2.52	0.02				0.05				99.89	5.08
MRC124	MD6154	0	1	4.65	0.22	39.18	27.04	16.99	0.05	0.20		0.06	0.42	0.11	0.43	<0.01				0.31				99.77	9.95
MRC124	MD6155	1	2	6.03	0.20	27.34	30.82	23.07	0.04	0.04		0.06	0.25	0.08	0.47	<0.01				0.53				99.87	10.71
MRC124	MD6156	2	3	8.47	0.30	25.88	27.99	23.99	0.05	0.01		0.06	0.17	0.05	0.42	<0.01				0.75				99.85	11.46
MRC124	MD6157	3	4	11.81	0.40	18.60	30.28	26.27	0.09	<0.01		0.06	0.10	0.04	0.37	<0.01				0.27				99.75	11.18
MRC124	MD6158	4	5	13.73	0.46	28.22	24.17	21.57	0.15	<0.01		0.11	0.09	0.03	0.31	0.01				0.19				99.91	10.55
MRC124	MD6159	5	6	13.27	0.52	28.57	24.42	21.77	0.20	<0.01		0.11	0.08	0.04	0.31	0.01				0.10				99.68	10.08
MRC124	MD6160	6	7	16.48	0.40	27.71	23.90	20.66	0.25	0.02		0.09	0.10	0.03	0.30	<0.01				0.08				99.69	9.33
MRC124	MD6161	7	8	17.21	0.41	32.35	20.99	18.59	0.28	<0.01		0.10	0.08	0.02	0.26	<0.01				0.06				99.85	9.12
MRC124	MD6162	8	9	7.59	0.28	51.67	14.91	14.41	0.14	<0.01		0.20	0.05	0.01	0.21	<0.01				0.10				100.07	10.11
MRC124	MD6163	9	10	10.67	0.39	46.20	16.43	15.34	0.19	<0.01		0.19	0.07	0.02	0.28	0.01				0.07				100.13	9.86
MRC124	MD6164	10	11	7.58	0.39	53.45	13.29	12.73	0.15	<0.01		0.25	0.07	0.02	0.23	0.01				0.06				99.86	11.21
MRC124	MD6165	11	12	7.11	0.32	58.63	10.93	10.88	0.14	<0.01		0.25	0.07	0.01	0.22	0.01				0.06				100.00	11.00
MRC124	MD6166	12	13	9.52	0.38	49.54	15.05	14.00	0.19	0.01		0.20	0.11	0.02	0.33	0.01				0.04				100.19	10.26
MRC124	MD6167	13	14	7.20	0.41	54.67	13.07	12.32	0.16	0.01		0.20	0.09	0.02	0.19	0.01				0.04				99.51	10.62
MRC124	MD6168	14	15	8.08	0.38	60.08	10.68	9.85	0.19	<0.01		0.19	0.08	0.01	0.17	0.02				0.02				100.02	9.86
MRC124	MD6169	15	16	6.81	0.31	64.19	9.38	7.83	0.23	0.02		0.16	0.09	<0.01	0.16	0.03				0.01				99.74	9.93
MRC124	MD6170	16	17	8.71	0.39	60.02	11.80	9.40	0.27	<0.01		0.11	0.09	0.01	0.20	0.03				0.01				100.06	8.41
MRC124	MD6171	17	18	8.62	0.39	58.83	13.17	9.35	0.34	0.01		0.09	0.14	0.02	0.24	0.02				0.01				100.11	8.30
MRC124	MD6172	18	19	9.91	0.44	54.14	16.71	9.90	0.32	0.01		0.07	0.28	0.05	0.40	0.02				0.01				99.96	7.12
MRC124	MD6173	19	20	7.27	0.32	57.66	15.78	7.97	0.39	0.01		0.06	0.33	0.11	0.39	0.02				0.02				99.99	9.00
MRC124	MD6174	20	21	7.78	0.38	61.91	12.63	6.11	2.32	0.01		0.03	0.28	0.17	0.29	0.02				0.01				100.14	7.29
MRC124	MD6175	21	22	8.95	0.41	58.54	16.53	7.35	0.46	0.01		0.03	0.42	0.12	0.42	0.01				0.01				100.13	6.30
MRC124	MD6176	22	23	7.85	0.36	54.43	20.19	8.02	0.38	0.01		0.03	0.59	0.18	0.58	0.02				0.01				100.57	7.31
MRC124	MD6177	23	24	8.22	0.38	54.72	17.95	8.04	0.43	<0.01		0.04	0.70	0.32	0.50	0.02				0.01				99.53	7.60
MRC124	MD6178	24	25	8.89	0.43	54.28	18.55	8.08	0.41	<0.01		0.04	0.66	0.24	0.50	0.02				0.01				99.54	6.82
MRC124	MD6181	25	26	8.11	0.39	58.97	16.09	6.60	0.51	0.01		0.04	0.67	0.23	0.42	0.02				0.01				99.66	6.95
MRC124	MD6182	26	27	8.57	0.41	58.27	16.54	6.71	0.38	<0.01		0.04	1.15	0.34	0.54	0.03				<0.01				99.77	6.15
MRC124	MD6183	27	28	9.81	0.47	55.18	17.95	7.57	0.37	0.01		0.04	1.61	0.29	0.71	0.03				0.01				99.75	5.02
MRC124	MD6184	28	29	8.99	0.41	62.15	14.05	6.11	0.42	<0.01		0.05	0.79	0.19	0.43	0.03				0.01				99.91	5.73
MRC124	MD6185	29	30	12.49	0.62	62.60	11.86	6.70	0.36	<0.01		0.03	0.73	0.11	0.28	0.01				0.04				100.14	3.87
MRC124	MD6186	30	31	12.35	0.63	63.55	11.60	6.34	0.32	<0.01		0.02	1.19	0.10	0.34	0.02				0.05				100.58	3.59
MRC124	MD6187	31	32	4.76	0.23	37.65	29.96	8.97	0.24	2.01		0.03	7.68	0.62	0.86	0.04				0.23				100.15	5.79
MRC124	MD6188	32	33	4.22	0.15	34.21	34.92	4.97	0.28	4.63		0.02	11.61	0.07	0.53	0.03				0.23				100.59	4.23
MRC124	MD6189	33	34	4.11	0.16	34.21	34.16	6.94	0.29	3.72		0.03	10.19	0.28	0.75	0.03				0.22				100.20	4.62
MRC124	MD6190	34	35	4.36	0.16	35.50	31.88	8.50	0.25	2.76		0.03	9.31	0.38	0.87	0.02				0.21				100.09	5.19
MRC124	MD6191	35	36	3.67	0.13	36.75	32.70	6.36	0.23	3.66		0.04	9.66	0.36	0.77	0.02				0.24				99.95	4.85
MRC124	MD6192	36	37	1.53	0.05	35.70	33.82	6.23	0.28	3.40		0.05	10.00	0.23	0.82	0.03				0.08				99.67	6.63
MRC124	MD6193	37	38	1.42	0.05	26.58	41.66	3.69	0.43	6.19		0.01	14.04	0.08	0.42	0.02				0.21				99.86	4.56
MRC124	MD6195	38	39	1.69	0.05	26.00	42.30	4.25	0.39	5.87		0.02	13.07	0.15	0.53	0.01				0.17				99.73	4.51
MRC124	MD6196	39	40	1.70	0.06	26.80	42.31	4.32	0.27	6.07		0.03	12.49	0.28	0.57	0.01				0.20				100.27	4.45
MRC124	MD6197	40	41	1.67	0.06	23.98	44.34	4.60	0.29	6.33		0.03	12.97	0.33	0.57	0.01				0.18				100.27	4.18
MRC124	MD6198	41	42	1.71	0.06	20.97	46.72	4.76	0.26	6.84		0.03	13.31	0.41	0.59	0.01				0.23				100.15	3.60
MRC124	MD6199	42	43	1.33	0.04	28.52	39.06	4.20	0.41	6.06		0.03	13.55	0.15	0.61	0.01				0.34				100.10	5.10
MRC124	MD6200	43	44	1.39	0.04	22.08	43.26	5.06	0.35	7.11		0.01	14.91	0.42	0.71	0.01				0.31				100.31	4.02
MRC124	MD6201	44	45	1.34	0.05	27.83	38.36	4.71	0.43	5.44		0.01	15.36	0.16	0.52	0.01				0.40				100.52	5.26
MRC124	MD6202	45	46	1.51	0.05	33.58	34.72	4.26	0.63	4.89		0.01	12.99	0.09	0.52	0.02				0.53				100.25	5.82
MRC124	MD6203	46	47	1.37	0.04	26.17	46.05	3.65	0.48	3.95		0.01	11.47	0.15	0.56	0.01				0.50				99.96	4.98
MRC124	MD6204	47	48	1.26	0.04	21.19	52.53	3.09	0.32	3.95		0.02	11.70	0.12	0.60	0.01				0.44				100.39	4.53
MRC124	MD6205	48	49	0.98	0.03	17.18	45.98	2.22	0.17	7.76		0.02	12.55	0.10	0.53	0.01				0.38				99.59	11.26
MRC124	MD6206	49	50	0.76	0.02	13.33	37.26	2.06	0.13	12.22		0.01	15.12	0.08	0.35	0.01				0.33				99.88	17.87
MRC124	MD6207	50	51	0.89	0.02	15.32	35.46	2.51	0.21	11.18		0.02	16.60	0.08	0.42	0.01				0.37				99.55	16.04
MRC124	MD6208	51	52	0.83	0.02	14.52	32.95	2.34	0.19	11.72		0.02	18.04	0.08	0.40	0.01				0.34				100.02	18.16
MRC124	MD6209	52	53	1.16	0.02	14.29	34.22	2.60	0.18	6.08		0.01	21.36	0.06	0.27	0.01				0.31				99.43	18.53

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC124	MD6210	53	54	1.16	0.02	14.67	33.15	2.43	0.18	4.26		0.01	23.35	0.04	0.19	0.01				0.31				99.65	19.50
MRC125	MD6249	0	1	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6250	1	2	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6251	2	3	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6252	3	4	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6253	4	5	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6254	5	6	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6255	6	7	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6256	7	8	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6257	8	9	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6258	9	10	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6259	10	11	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6260	11	12	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6261	12	13	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6262	13	14	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6263	14	15	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6264	15	16	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6265	16	17	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6266	17	18	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6267	18	19	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6268	19	20	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6269	20	21	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6270	21	22	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6271	22	23	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6272	23	24	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6273	24	25	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6274	25	26	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6275	26	27	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6276	27	28	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6277	28	29	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6278	29	30	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6279	30	31	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6280	31	32	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6281	32	33	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6282	33	34	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6283	34	35	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6284	35	36	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6285	36	37	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6286	37	38	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6287	38	39	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6288	39	40	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6289	40	41	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6290	41	42	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6291	42	43	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6292	43	44	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6293	44	45	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6294	45	46	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6295	46	47	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6296	47	48	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6297	48	49	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6298	49	50	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6299	50	51	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6300	51	52	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6301	52	53	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6302	53	54	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6303	54	55	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6304	55	56	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6305	56	57	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6306	57	58	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6307	58	59	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC125	MD6308	59	60	ns	ns	ns	ns	ns	ns	ns		ns	ns	ns	ns	ns				ns				ns	ns
MRC126	MD6309	0	1	2.35	0.11	37.88	27.91	18.58	0.02	0.16		0.15	0.22	0.07	0.24	<0.01				0.09				99.68	11.91

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC126	MD6310	1	2	2.88	0.11	44.09	24.16	17.48	0.03	0.03		0.18	0.12	0.08	0.22	<0.01				0.08				100.30	10.84
MRC126	MD6311	2	3	3.44	0.11	38.20	26.87	19.82	0.03	0.02		0.18	0.12	0.09	0.29	0.01				0.06				100.41	11.06
MRC126	MD6312	3	4	5.11	0.10	27.88	30.42	23.76	0.05	0.03		0.14	0.16	0.09	0.40	<0.01				0.05				99.70	11.42
MRC126	MD6313	4	5	5.92	0.08	15.98	36.30	27.87	0.06	0.10		0.11	0.21	0.10	0.49	<0.01				0.08				99.51	11.98
MRC126	MD6314	5	6	6.36	0.10	14.68	36.33	29.08	0.07	<0.01		0.11	0.15	0.08	0.48	0.01				0.19				100.16	12.21
MRC126	MD6315	6	7	6.80	0.11	16.61	34.94	27.99	0.08	0.11		0.12	0.22	0.09	0.45	0.01				0.13				100.36	12.47
MRC126	MD6316	7	8	7.21	0.22	22.52	32.42	25.92	0.09	0.02		0.08	0.11	0.11	0.31	0.01				0.09				100.21	10.94
MRC126	MD6317	8	9	7.25	0.32	39.96	23.16	19.30	0.15	0.01		0.09	0.16	0.12	0.20	0.01				0.09				99.92	8.96
MRC126	MD6318	9	10	8.01	0.35	62.16	11.01	10.60	0.22	<0.01		0.13	0.23	0.04	0.10	0.01				0.20				100.17	6.95
MRC126	MD6319	10	11	8.47	0.33	55.06	13.65	13.02	0.25	0.01		0.13	0.14	0.04	0.11	0.01				0.27				99.73	8.08
MRC126	MD6320	11	12	9.09	0.26	42.05	21.38	17.85	0.22	0.01		0.07	0.15	0.16	0.18	0.01				0.15				99.83	8.08
MRC126	MD6321	12	13	7.75	0.19	59.37	13.00	11.36	0.34	0.01		0.06	0.35	0.04	0.13	0.01				0.50				99.83	6.47
MRC126	MD6322	13	14	5.41	0.11	61.15	11.79	11.11	0.29	<0.01		0.08	0.38	0.02	0.13	0.01				0.66				99.71	8.17
MRC126	MD6323	14	15	5.12	0.10	61.74	11.18	10.82	0.35	<0.01		0.06	0.48	0.01	0.11	0.01				0.73				99.49	8.37
MRC126	MD6324	15	16	4.54	0.13	61.25	12.05	11.07	0.33	<0.01		0.09	0.57	0.02	0.16	0.02				0.75				100.32	8.86
MRC126	MD6325	16	17	2.48	0.19	58.84	14.48	11.73	0.20	<0.01		0.08	0.98	0.02	0.19	0.02				0.84				100.30	9.69
MRC126	MD6326	17	18	3.36	0.16	58.23	14.27	11.87	0.39	<0.01		0.12	0.61	0.01	0.16	0.02				0.56				99.94	9.61
MRC126	MD6328	18	19	4.68	0.20	59.72	13.99	11.48	0.31	0.02		0.08	0.63	0.02	0.19	0.02				0.56				100.40	8.17
MRC126	MD6329	19	20	4.85	0.24	52.79	17.05	14.21	0.22	<0.01		0.09	0.43	0.02	0.18	0.01				0.59				100.15	9.14
MRC126	MD6330	20	21	11.07	0.40	57.75	13.79	11.35	0.36	<0.01		0.03	0.40	0.03	0.12	0.01				0.22				100.39	4.67
MRC126	MD6331	21	22	4.86	0.16	31.24	29.91	22.45	0.13	0.08		0.06	0.19	0.05	0.31	0.01				0.08				99.80	10.02
MRC126	MD6332	22	23	4.69	0.14	30.25	30.72	22.97	0.11	0.02		0.05	0.14	0.05	0.32	0.01				0.04				100.08	10.33
MRC126	MD6333	23	24	4.22	0.13	31.06	30.27	23.18	0.11	0.02		0.05	0.15	0.04	0.31	0.01				0.05				100.19	10.30
MRC126	MD6334	24	25	4.75	0.12	32.28	29.23	21.84	0.12	0.03		0.06	0.15	0.05	0.29	0.01				0.06				100.11	10.90
MRC126	MD6335	25	26	4.95	0.13	33.29	29.00	22.27	0.19	<0.01		0.04	0.12	0.08	0.21	0.01				0.02				100.14	9.70
MRC126	MD6336	26	27	2.57	0.06	22.91	35.97	26.55	0.11	<0.01		0.04	0.09	0.05	0.29	<0.01				0.01				100.27	11.38
MRC126	MD6337	27	28	8.30	0.21	36.75	25.24	19.73	0.22	0.02		0.04	0.12	0.18	0.21	0.01				0.01				99.69	8.48
MRC126	MD6338	28	29	8.91	0.25	40.31	23.09	18.20	0.30	0.03		0.04	0.11	0.21	0.21	0.01				0.01				99.80	7.95
MRC126	MD6339	29	30	8.09	0.27	43.58	22.39	17.34	0.27	0.02		0.03	0.15	0.17	0.16	0.01				0.05				100.05	7.37
MRC126	MD6340	30	31	10.43	0.38	51.55	17.38	13.59	0.38	0.01		0.03	0.21	0.05	0.12	0.01				0.02				99.81	5.51
MRC126	MD6341	31	32	11.09	0.41	58.23	13.65	10.63	0.50	0.01		0.03	0.23	0.04	0.11	0.02				0.01				99.60	4.47
MRC126	MD6342	32	33	12.31	0.45	55.62	14.54	10.93	0.56	0.02		0.03	0.16	0.04	0.12	0.01				0.01				99.95	4.96
MRC126	MD6343	33	34	12.03	0.45	55.23	14.81	11.15	0.49	0.02		0.04	0.15	0.03	0.15	0.01				0.01				100.08	5.31
MRC126	MD6344	34	35	12.25	0.46	57.22	13.99	10.52	0.47	0.02		0.03	0.16	0.03	0.14	0.01				<0.01				100.12	4.64
MRC126	MD6345	35	36	12.27	0.47	56.03	14.33	10.88	0.46	0.02		0.03	0.18	0.03	0.14	0.01				0.01				100.30	5.26
MRC126	MD6346	36	37	12.91	0.50	61.00	11.07	8.54	0.50	0.02		0.03	0.18	0.02	0.12	0.01				0.01				99.42	4.28
MRC126	MD6347	37	38	12.78	0.50	61.05	11.54	8.87	0.55	0.03		0.03	0.21	0.03	0.14	0.02				0.01				99.89	3.96
MRC126	MD6348	38	39	11.87	0.47	59.37	12.64	9.62	0.52	0.02		0.03	0.23	0.04	0.15	0.01				0.01				99.78	4.55
MRC126	MD6349	39	40	13.03	0.53	63.28	10.35	8.32	0.48	0.01		0.02	0.44	0.02	0.12	0.02				0.01				99.65	2.82
MRC126	MD6350	40	41	9.61	0.39	61.01	12.90	9.81	0.53	0.02		0.03	0.31	0.03	0.18	0.02				0.05				99.71	4.44
MRC126	MD6351	41	42	5.31	0.22	55.82	20.84	8.82	0.64	0.03		0.03	0.42	0.06	0.41	0.03				0.44				99.92	5.92
MRC126	MD6352	42	43	4.98	0.19	48.77	23.94	11.68	0.53	0.08		0.02	0.89	0.09	0.59	0.03				0.51				99.58	6.51
MRC126	MD6353	43	44	5.30	0.18	43.18	29.05	11.22	0.54	0.08		0.03	1.16	0.12	0.79	0.04				0.30				99.40	6.66
MRC126	MD6354	44	45	6.15	0.24	46.00	28.07	9.60	0.54	0.06		0.02	1.20	0.13	0.82	0.04				0.29				100.09	6.30
MRC126	MD6355	45	46	3.51	0.13	29.43	37.72	16.95	0.55	0.06		0.03	1.03	0.32	0.89	0.04				0.15				100.14	8.70
MRC126	MD6357	46	47	1.09	0.07	22.19	42.81	20.45	0.63	0.06		0.02	1.00	0.40	0.94	0.03				0.08				100.20	9.85
MRC126	MD6358	47	48	9.11	0.39	47.23	23.29	10.77	0.50	0.05		0.02	0.81	0.18	0.55	0.03				0.03				99.65	6.26
MRC126	MD6359	48	49	10.50	0.59	63.80	11.84	6.46	0.42	0.03		0.04	0.37	0.05	0.28	0.02				0.02				100.09	5.27
MRC126	MD6360	49	50	10.89	0.50	55.86	18.45	7.39	0.46	0.05		0.02	0.82	0.09	0.52	0.03				0.01				100.04	4.56
MRC126	MD6361	50	51	11.40	0.55	57.48	17.98	6.33	0.47	0.04		0.02	1.06	0.14	0.55	0.03				<0.01				100.35	3.83
MRC126	MD6362	51	52	9.47	0.48	48.68	25.73	5.17	0.31	2.40		0.02	3.99	0.17	0.64	0.05				0.01				99.69	2.17
MRC126	MD6363	52	53	7.97	0.40	41.58	30.34	4.88	0.28	4.80		0.02	6.69	0.16	0.54	0.03				<0.01				99.39	1.43
MRC126	MD6364	53	54	7.88	0.39	40.37	30.67	4.87	0.29	5.39		0.01	7.55	0.16	0.48	0.02				0.01				99.67	1.34
MRC126	MD6366	54	55	7.96	0.40	40.40	30.06	4.43	0.27	6.57		0.02	7.82	0.18	0.38	0.02				0.01				100.23	1.51
MRC126	MD6367	55	56	7.80	0.30	34.00	32.55	6.37	0.23	6.20		0.02	7.23	0.30	0.58	0.02				0.01				99.35	3.34
MRC126	MD6368	56	57	8.29	0.38	37.09	31.43	5.07	0.26	6.87		0.02	8.06	0.22	0.41	0.02				0.01				99.98	1.63
MRC126	MD6369	57	58	7.77	0.39	39.35	30.48	4.57	0.25	6.84		0.02	8.44	0.15	0.34	0.02				0.01				99.78	0.94
MRC126	MD6370	58	59	7.53	0.38	38.63	31.30	4.58	0.26	6.94		0.02	8.60	0.12	0.36	0.02				0.01				99.68	0.74
MRC126	MD6371	59	60	7.89	0.40	40.53	30.28	4.47	0.27	6.38		0.02	8.35	0.10	0.33	0.02				0.01				100.06	0.80
MRC126	MD6372	60	61	8.05	0.41	39.77	30.20	4.60	0.27	6.12		0.02	8.27	0.11	0.33	0.02				0.01				99.89	1.51
MRC126	MD6373	61	62	6.00	0.31	32.06	36.10	6.02	0.24	7.47		0.02	8.63	0.19	0.47	0.02				0.01				99.45	1.73
MRC126	MD6374	62	63	4.90	0.25	28.91	37.75	7.75	0.22	8.34		0.01	8.53	0.32	0.50	0.01				0.02				99.57	1.82

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC126	MD6375	63	64	6.41	0.32	33.75	35.25	5.02	0.26	7.86		0.02	9.14	0.11	0.38	0.02				<0.01				99.90	1.16
MRC126	MD6376	64	65	6.44	0.33	34.00	35.67	4.87	0.28	7.75		0.02	9.11	0.11	0.40	0.02				0.01				100.35	1.14
MRC126	MD6377	65	66	3.79	0.20	24.77	36.99	9.25	0.26	9.55		0.02	9.07	0.36	0.55	0.01				0.03				99.80	4.75
MRC126	MD6378	66	67	6.40	0.32	34.51	34.67	4.79	0.26	7.93		0.52	9.10	0.09	0.35	0.02				<0.01				99.54	0.87
MRC126	MD6379	67	68	6.13	0.31	33.32	35.29	4.90	0.26	9.40		0.40	9.22	0.09	0.35	0.02				<0.01				100.03	0.51
MRC126	MD6380	68	69	6.15	0.31	33.21	34.86	4.68	0.29	10.07		0.39	9.35	0.08	0.33	0.02				<0.01				99.87	0.31
MRC126	MD6381	69	70	5.31	0.27	29.51	37.23	4.50	0.27	11.91		0.36	10.16	0.07	0.31	0.02				<0.01				100.07	0.31
MRC126	MD6382	70	71	5.34	0.27	29.99	37.37	4.52	0.27	11.08		0.44	9.91	0.07	0.36	0.02				<0.01				99.80	0.39
MRC126	MD6383	71	72	6.19	0.31	33.57	35.35	4.94	0.28	9.03		0.53	8.70	0.09	0.44	0.02				<0.01				99.77	0.62
MRC126	MD6384	72	73	5.53	0.28	30.17	36.79	4.71	0.27	11.28		0.39	10.11	0.08	0.33	0.02				<0.01				100.19	0.41
MRC126	MD6385	73	74	5.51	0.28	30.29	36.47	4.42	0.26	11.86		0.37	10.21	0.06	0.28	0.02				<0.01				100.25	0.40
MRC126	MD6387	74	75	7.03	0.35	39.26	30.27	3.90	0.30	7.06		0.43	10.91	0.04	0.20	0.02				0.01				99.96	0.39
MRC126	MD6388	75	76	5.80	0.30	35.03	36.22	4.65	0.22	7.76		0.42	8.29	0.09	0.42	0.02				0.01				100.05	1.02
MRC126	MD6389	76	77	6.32	0.32	34.90	35.28	4.86	0.24	7.63		0.60	8.83	0.10	0.40	0.02				0.01				99.90	0.77
MRC126	MD6390	77	78	5.87	0.30	34.65	35.59	5.87	0.22	7.08		0.97	8.75	0.15	0.48	0.02				0.01				100.50	1.28
MRC127	MD6391	0	1	2.50	0.25	32.80	30.72	21.07	0.03	0.94		0.04	0.62	0.23	0.32	<0.01				0.03				99.70	10.01
MRC127	MD6392	1	2	3.14	0.13	17.98	40.54	24.78	0.01	0.53		0.04	0.29	0.17	0.34	<0.01				<0.01				99.45	11.37
MRC127	MD6393	2	3	2.83	0.11	15.81	41.55	26.58	0.02	0.23		0.04	0.23	0.23	0.33	<0.01				<0.01				99.75	11.63
MRC127	MD6394	3	4	3.22	0.11	15.81	41.06	26.90	0.02	0.04		0.03	0.13	0.33	0.26	<0.01				<0.01				99.67	11.62
MRC127	MD6395	4	5	3.00	0.11	16.38	40.23	27.36	0.01	0.02		0.04	0.14	0.33	0.25	<0.01				<0.01				99.65	11.60
MRC127	MD6396	5	6	3.52	0.11	16.22	40.74	26.73	0.01	0.02		0.04	0.16	0.30	0.29	<0.01				<0.01				99.90	11.57
MRC127	MD6397	6	7	3.17	0.10	16.17	41.39	26.41	0.01	0.03		0.04	0.22	0.38	0.29	<0.01				<0.01				99.61	11.24
MRC127	MD6398	7	8	3.25	0.09	14.76	45.80	23.95	0.02	0.14		0.04	0.49	0.44	0.79	0.01				<0.01				100.07	10.09
MRC127	MD6399	8	9	3.14	0.09	13.98	48.91	21.10	0.02	1.18		0.04	0.68	0.45	2.02	0.01				<0.01				99.82	7.84
MRC127	MD6400	9	10	3.40	0.14	15.52	46.77	21.13	0.04	2.35		0.03	0.80	0.48	2.47	0.01				<0.01				100.06	6.65
MRC127	MD6401	10	11	3.70	0.14	17.03	44.71	17.91	0.09	4.90		0.02	3.12	0.65	2.01	0.01				<0.01				99.46	4.89
MRC127	MD6402	11	12	3.16	0.12	18.64	44.62	15.91	0.11	5.25		0.02	4.71	0.81	1.52	0.01				0.01				100.04	4.88
MRC127	MD6403	12	13	4.03	0.16	21.24	42.20	15.01	0.13	4.36		0.02	4.67	1.78	1.26	0.02				<0.01				99.72	4.61
MRC127	MD6404	13	14	3.71	0.15	20.91	43.41	14.43	0.15	5.18		0.01	5.04	1.65	1.52	0.03				<0.01				100.13	3.71
MRC127	MD6405	14	15	4.65	0.18	26.09	39.26	13.64	0.16	3.72		0.02	4.27	1.20	1.09	0.03				0.01				99.97	5.35
MRC127	MD6406	15	16	5.88	0.22	29.32	35.23	15.82	0.14	1.37		0.02	2.02	0.99	0.77	0.03				0.01				99.68	7.56
MRC127	MD6407	16	17	7.28	0.28	33.81	30.91	15.91	0.13	0.36		0.03	1.09	0.73	0.44	0.02				<0.01				99.69	8.43
MRC127	MD6408	17	18	7.53	0.28	34.94	29.25	16.16	0.14	0.10		0.05	0.96	0.86	0.34	0.02				<0.01				99.85	9.03
MRC127	MD6409	18	19	6.79	0.31	34.54	32.05	15.16	0.15	0.18		0.07	0.97	0.77	0.35	0.02				<0.01				100.46	8.88
MRC127	MD6410	19	20	7.87	0.35	37.28	28.44	15.67	0.13	0.08		0.09	0.70	0.60	0.28	0.02				<0.01				100.55	8.81
MRC127	MD6411	20	21	9.02	0.40	42.18	23.04	15.35	0.14	0.03		0.08	0.32	0.19	0.26	0.02				<0.01				99.98	8.72
MRC127	MD6412	21	22	9.92	0.42	45.79	21.34	13.97	0.17	0.03		0.06	0.32	0.14	0.29	0.02				<0.01				100.37	7.68
MRC127	MD6413	22	23	9.97	0.45	49.42	20.21	12.50	0.21	0.04		0.05	0.37	0.12	0.30	0.02				0.01				100.67	6.82
MRC127	MD6414	23	24	11.56	0.53	55.13	15.79	10.28	0.26	0.04		0.05	0.32	0.09	0.19	0.02				<0.01				99.83	5.36
MRC127	MD6415	24	25	10.82	0.49	54.05	16.63	10.55	0.24	0.04		0.05	0.29	0.08	0.19	0.02				0.01				99.87	6.24
MRC127	MD6416	25	26	7.81	0.36	42.59	24.82	15.18	0.16	0.03		0.05	0.35	0.08	0.30	0.02				0.04				100.24	8.25
MRC127	MD6417	26	27	11.00	0.48	53.07	19.18	9.76	0.28	0.04		0.03	0.52	0.06	0.33	0.02				0.01				100.24	5.27
MRC127	MD6418	27	28	10.64	0.48	51.99	19.38	10.04	0.26	0.03		0.03	0.47	0.06	0.31	0.02				0.02				99.88	5.92
MRC127	MD6419	28	29	9.98	0.46	50.89	21.14	10.51	0.24	0.04		0.03	0.59	0.07	0.39	0.02				0.02				100.45	5.86
MRC127	MD6421	29	30	9.13	0.42	49.47	22.59	10.52	0.25	0.05		0.03	0.75	0.09	0.43	0.02				0.02				100.37	6.32
MRC127	MD6422	30	31	9.75	0.47	51.70	21.68	8.98	0.35	0.06		0.02	0.78	0.10	0.47	0.03				0.01				100.43	5.74
MRC127	MD6423	31	32	9.19	0.43	48.64	24.50	9.30	0.43	0.06		0.02	0.91	0.12	0.56	0.03				0.02				100.32	5.74
MRC127	MD6424	32	33	9.07	0.41	47.44	26.27	8.93	0.48	0.06		0.02	1.07	0.12	0.67	0.04				0.02				100.46	5.43
MRC127	MD6425	33	34	3.98	0.20	32.10	37.36	14.16	0.33	0.08		0.02	1.19	0.23	0.90	0.05				0.06				99.30	8.17
MRC127	MD6426	34	35	6.62	0.25	36.85	33.77	11.60	0.58	0.08		0.02	1.44	0.18	0.84	0.04				0.03				99.76	6.92
MRC127	MD6427	35	36	7.02	0.28	39.63	32.11	10.54	0.40	0.08		0.02	1.51	0.23	0.83	0.04				0.03				99.31	6.19
MRC127	MD6428	36	37	8.68	0.38	46.46	27.41	8.06	0.35	0.08		0.01	1.56	0.21	0.78	0.03				0.02				99.38	5.02
MRC127	MD6429	37	38	4.75	0.25	44.51	29.44	8.23	0.95	0.09		0.02	2.01	0.26	0.83	0.03				0.02				99.71	7.67
MRC127	MD6430	38	39	9.09	0.44	47.60	25.76	7.53	0.62	0.07		0.02	1.78	0.25	0.75	0.03				0.01				99.35	5.00
MRC127	MD6431	39	40	8.24	0.37	44.51	29.74	7.59	0.48	0.10		0.02	2.14	0.26	0.94	0.03				0.03				100.10	5.27
MRC127	MD6432	40	41	8.35	0.38	45.67	29.24	7.62	0.31	0.09		0.02	1.83	0.23	0.88	0.03				0.02				99.68	4.74
MRC127	MD6433	41	42	3.44	0.17	27.33	41.89	14.96	0.18	0.25		0.02	2.20	0.35	1.14	0.03				0.05				99.60	7.32
MRC127	MD6434	42	43	9.89	0.47	51.19	25.37	5.77	0.36	0.09		0.02	1.49	0.19	0.77	0.02				<0.01				100.08	4.14
MRC127	MD6435	43	44	5.46	0.23	30.95	40.18	10.69	0.57	0.30		0.02	2.53	0.32	1.18	0.02				0.03				99.73	6.79
MRC127	MD6436	44	45	7.07	0.36	41.24	32.01	9.10	0.34	0.78		0.02	2.15	0.27	0.95	0.02				0.03				99.60	4.97
MRC127	MD6437	45	46	9.73	0.49	48.60	24.25	7.57	0.36	1.44		0.01	2.90	0.22	0.71	0.03				0.02				99.76	3.18
MRC127	MD6438	46	47	3.85	0.20	30.95	38.89	11.03	0.21	4.47		0.01	4.02	0.39	1.04	0.02				0.04				100.03	4.68

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC127	MD6439	47	48	5.59	0.32	37.60	36.06	8.76	0.20	1.67		0.02	2.98	0.28	0.90	0.02				0.03				99.46	4.78
MRC128	MD6440	0	1	4.07	0.29	30.44	29.40	17.07	0.15	3.97		0.04	1.93	0.55	0.55	0.01				0.02				99.75	11.05
MRC128	MD6441	1	2	5.34	0.19	25.93	36.59	19.99	0.09	0.17		0.09	0.31	0.16	0.41	0.01				<0.01				99.94	10.39
MRC128	MD6442	2	3	5.14	0.17	24.68	34.31	22.80	0.08	0.04		0.11	0.34	0.33	0.33	0.01				<0.01				100.01	11.40
MRC128	MD6443	3	4	4.79	0.17	24.85	34.84	22.37	0.07	0.02		0.12	0.23	0.25	0.29	0.01				<0.01				99.47	11.26
MRC128	MD6444	4	5	5.48	0.22	27.71	32.67	21.76	0.08	0.02		0.12	0.17	0.24	0.26	0.01				<0.01				99.94	11.00
MRC128	MD6445	5	6	5.25	0.22	29.92	33.24	19.54	0.09	0.02		0.11	0.38	0.40	0.27	0.01				<0.01				100.07	10.41
MRC128	MD6446	6	7	5.02	0.14	24.54	40.06	18.71	0.09	0.19		0.06	0.81	0.63	0.52	0.01				<0.01				99.77	8.83
MRC128	MD6447	7	8	4.35	0.12	21.82	45.69	16.58	0.07	0.61		0.05	0.81	0.35	1.15	0.01				<0.01				99.43	7.60
MRC128	MD6448	8	9	3.97	0.13	19.44	44.59	17.41	0.10	3.81		0.04	2.64	0.44	1.81	0.01				<0.01				99.90	5.29
MRC128	MD6449	9	10	3.86	0.14	18.85	43.93	15.39	0.15	6.70		0.02	4.83	0.51	2.26	0.01				<0.01				99.80	2.96
MRC128	MD6450	10	11	3.89	0.14	18.44	44.53	15.72	0.14	6.71		0.01	4.39	0.42	2.73	0.01				<0.01				99.98	2.64
MRC128	MD6451	11	12	3.50	0.12	16.76	46.37	17.86	0.07	3.77		0.02	2.72	1.39	2.75	0.01				<0.01				100.02	4.46
MRC128	MD6452	12	13	2.77	0.10	13.51	48.49	19.84	0.06	4.88		0.02	2.02	0.98	3.20	0.01				<0.01				100.08	3.98
MRC128	MD6453	13	14	3.11	0.11	14.63	46.84	18.37	0.09	5.22		0.02	3.43	1.59	2.99	0.01				<0.01				100.22	3.57
MRC128	MD6454	14	15	3.05	0.11	14.31	46.42	17.71	0.12	7.49		0.01	4.10	1.20	2.89	0.01				<0.01				99.83	2.20
MRC128	MD6455	15	16	2.79	0.10	13.38	46.57	18.55	0.11	7.73		0.01	3.78	1.22	3.00	0.01				<0.01				99.68	2.23
MRC128	MD6456	16	17	2.72	0.10	13.30	47.47	18.70	0.10	6.45		0.01	3.42	1.55	3.21	0.01				<0.01				99.82	2.57
MRC128	MD6457	17	18	2.44	0.10	12.85	48.14	19.48	0.07	3.77		0.02	3.14	2.54	3.53	0.01				<0.01				100.06	3.76
MRC128	MD6458	18	19	2.47	0.10	12.67	47.71	20.11	0.08	3.87		0.02	2.86	2.30	3.64	0.01				<0.01				99.75	3.70
MRC128	MD6459	19	20	2.47	0.10	12.19	48.91	20.12	0.07	3.67		0.01	3.04	2.33	4.02	0.01				<0.01				99.94	2.78
MRC128	MD6460	20	21	2.53	0.12	12.72	49.48	19.01	0.07	2.89		0.01	2.88	2.26	4.72	0.01				<0.01				99.90	3.02
MRC128	MD6461	21	22	2.12	0.10	11.67	50.38	19.89	0.07	2.93		0.01	2.52	2.10	4.90	0.01				<0.01				100.13	3.23
MRC128	MD6462	22	23	2.48	0.13	14.32	47.15	19.75	0.07	2.10		0.02	2.76	2.22	3.85	0.02				<0.01				99.80	4.72
MRC128	MD6463	23	24	4.01	0.19	22.57	39.60	17.67	0.10	0.66		0.02	3.43	2.88	1.41	0.02				<0.01				99.86	7.06
MRC128	MD6464	24	25	5.89	0.21	28.98	35.86	15.80	0.21	0.68		0.03	1.57	0.79	1.12	0.02				<0.01				99.99	8.51
MRC128	MD6465	25	26	5.23	0.16	28.62	33.43	20.23	0.25	0.06		0.02	1.21	0.82	0.40	0.02				<0.01				100.39	9.67
MRC128	MD6466	26	27	5.68	0.20	31.17	30.36	21.31	0.14	0.08		0.02	0.44	0.58	0.34	0.02				<0.01				100.57	10.02
MRC128	MD6467	27	28	9.82	0.42	50.92	18.80	13.39	0.25	0.03		0.02	0.28	0.12	0.16	0.02				<0.01				99.43	5.00
MRC128	MD6468	28	29	11.41	0.49	53.57	15.83	11.45	0.30	0.03		0.02	0.23	0.23	0.13	0.02				<0.01				100.28	6.39
MRC128	MD6469	29	30	11.39	0.49	56.63	14.62	10.77	0.28	0.04		0.02	0.21	0.24	0.14	0.02				<0.01				100.20	5.17
MRC128	MD6470	30	31	10.61	0.46	57.76	14.32	9.82	0.32	0.09		0.02	0.25	0.11	0.20	0.02				0.01				100.11	5.92
MRC128	MD6471	31	32	11.39	0.50	59.76	12.99	8.74	0.34	0.08		0.02	0.20	0.07	0.18	0.02				0.01				100.31	5.78
MRC128	MD6472	32	33	12.32	0.56	64.15	10.40	6.97	0.50	0.02		0.02	0.18	0.02	0.10	0.02				<0.01				99.87	4.34
MRC128	MD6473	33	34	12.49	0.56	64.43	10.31	7.14	0.56	0.02		0.02	0.16	0.02	0.11	0.02				0.01				100.12	4.02
MRC128	MD6474	34	35	12.41	0.57	64.97	9.91	6.90	0.40	0.02		0.02	0.17	0.02	0.13	0.02				0.01				100.07	4.27
MRC128	MD6475	35	36	12.38	0.57	65.43	9.81	6.81	0.42	0.02		0.02	0.17	0.02	0.12	0.02				<0.01				100.18	4.14
MRC128	MD6476	36	37	11.85	0.54	59.50	15.05	7.14	0.44	0.06		0.02	0.47	0.06	0.31	0.02				<0.01				99.99	4.25
MRC128	MD6477	37	38	12.35	0.58	62.40	14.02	6.13	0.43	0.06		0.01	0.52	0.06	0.30	0.02				0.01				100.37	3.17
MRC128	MD6478	38	39	12.23	0.59	63.58	12.67	6.08	0.72	0.04		0.01	0.34	0.03	0.19	0.02				<0.01				100.06	3.23
MRC128	MD6479	39	40	10.98	0.61	58.91	15.98	6.92	0.33	0.05		0.02	0.50	0.06	0.33	0.02				0.01				99.85	4.85
MRC128	MD6480	40	41	9.68	0.46	52.78	23.07	6.99	0.47	0.11		0.02	1.03	0.13	0.58	0.03				<0.01				100.25	4.48
MRC128	MD6481	41	42	7.46	0.36	39.58	33.49	5.36	0.31	3.85		0.01	5.44	0.19	0.71	0.05				<0.01				100.11	2.80
MRC128	MD6482	42	43	6.49	0.32	34.78	34.75	5.23	0.27	7.40		0.01	8.39	0.16	0.55	0.03				<0.01				100.14	1.47
MRC128	MD6483	43	44	6.31	0.32	33.77	36.44	4.84	0.29	7.34		0.01	8.92	0.18	0.58	0.03				<0.01				100.57	1.27
MRC128	MD6484	44	45	6.06	0.30	32.78	37.09	4.72	0.25	7.37		0.01	9.03	0.18	0.58	0.02				<0.01				99.91	1.27
MRC128	MD6485	45	46	5.82	0.30	32.76	37.15	6.29	0.39	6.33		0.01	7.11	0.26	0.73	0.02				0.01				99.82	2.32
MRC128	MD6486	46	47	0.95	0.08	15.03	47.09	15.83	0.15	8.75		0.01	6.44	0.84	1.25	0.02				0.05				99.98	3.31
MRC128	MD6487	47	48	2.73	0.17	22.69	42.61	11.46	0.25	8.77		0.01	7.17	0.71	0.94	0.02				0.03				100.22	2.44
MRC128	MD6488	48	49	4.85	0.24	33.71	40.30	5.15	0.44	3.66		0.02	5.38	0.21	0.82	0.02				<0.01				99.82	4.69
MRC128	MD6489	49	50	5.05	0.26	33.25	39.67	5.19	0.52	4.92		0.02	6.64	0.19	0.76	0.02				<0.01				100.13	3.32
MRC128	MD6490	50	51	6.56	0.34	37.24	34.01	4.56	0.30	6.23		0.02	8.01	0.13	0.52	0.02				<0.01				99.93	1.72
MRC128	MD6491	51	52	5.83	0.30	35.73	35.26	4.29	0.28	6.89		0.02	8.46	0.11	0.46	0.02				<0.01				99.73	1.80
MRC128	MD6492	52	53	5.91	0.31	34.86	36.00	4.43	0.26	7.07		0.01	8.55	0.12	0.48	0.02				<0.01				99.90	1.68
MRC128	MD6493	53	54	6.73	0.35	46.96	28.49	5.16	0.38	2.22		0.02	3.71	0.15	0.64	0.02				<0.01				99.96	4.78
MRC128	MD6494	54	55	6.87	0.34	52.69	23.55	5.70	0.66	0.43		0.03	1.56	0.14	0.62	0.02				<0.01				100.40	7.35
MRC128	MD6495	55	56	8.83	0.40	52.40	24.45	5.12	0.51	0.18		0.02	1.23	0.14	0.63	0.02				0.01				100.01	5.68
MRC128	MD6496	56	57	8.51	0.41	57.14	19.50	5.30	0.67	0.14		0.02	1.01	0.11	0.50	0.02				<0.01				99.97	6.14
MRC128	MD6497	57	58	9.07	0.45	62.09	15.16	5.33	0.46	0.12		0.03	0.73	0.07	0.36	0.03				<0.01				99.98	5.66
MRC128	MD6498	58	59	9.05	0.44	61.81	15.09	5.51	0.44	0.07		0.04	0.51	0.05	0.27	0.03				<0.01				99.84	6.10
MRC128	MD6499	59	60	8.90	0.42	58.43	16.10	7.07	0.50	0.09		0.04	0.76	0.06	0.37	0.02				<0.01				99.71	6.48
MRC128	MD6500	60	61	9.61	0.44	53.80	18.48	7.92	0.48	0.12		0.03	2.46	0.26	0.49	0.03				0.02				100.05	5.46

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC128	MD6501	61	62	4.36	0.21	40.28	31.22	3.82	0.39	4.06		0.02	10.67	0.06	0.50	0.02				0.15				99.75	3.55
MRC128	MD6502	62	63	2.18	0.10	29.74	40.17	3.29	0.30	5.50		0.01	13.81	0.05	0.42	0.02				0.20				99.76	3.59
MRC128	MD6503	63	64	2.13	0.09	43.01	33.17	3.42	0.31	2.64		0.02	8.96	0.06	0.48	0.02				0.44				99.87	4.51
MRC128	MD6504	64	65	2.12	0.09	46.08	28.32	3.68	0.37	3.01		0.02	9.69	0.06	0.52	0.03				0.48				99.98	4.89
MRC128	MD6505	65	66	1.62	0.07	38.72	35.94	2.96	1.33	3.03		0.02	9.51	0.10	0.57	0.02				0.41				100.06	5.02
MRC128	MD6506	66	67	1.29	0.06	28.33	50.33	2.00	0.22	3.28		0.01	9.25	0.07	0.37	0.02				0.34				99.75	3.77
MRC128	MD6507	67	68	1.82	0.08	33.82	41.57	2.52	0.85	2.89		0.01	10.76	0.08	0.40	0.02				0.30				99.95	4.32
MRC128	MD6508	68	69	2.03	0.09	48.90	27.31	2.42	0.61	2.71		0.02	8.52	0.06	0.46	0.03				0.45				99.43	5.15
MRC128	MD6509	69	70	1.73	0.07	49.08	27.55	2.64	0.30	2.82		0.02	8.51	0.05	0.47	0.03				0.48				99.88	5.48
MRC128	MD6510	70	71	1.84	0.07	49.51	26.56	3.03	0.28	2.49		0.02	8.77	0.04	0.51	0.03				0.57				99.75	5.42
MRC128	MD6511	71	72	1.76	0.07	60.29	17.71	3.33	0.36	1.09		0.02	6.31	0.04	0.47	0.04				0.50				99.84	7.13
MRC128	MD6512	72	73	1.88	0.08	66.48	13.76	3.02	0.41	0.46		0.02	4.37	0.04	0.34	0.05				0.35				99.95	8.08
MRC128	MD6513	73	74	6.10	0.31	55.86	18.99	3.70	0.51	1.53		0.02	7.31	0.05	0.29	0.04				0.14				100.24	4.87
MRC128	MD6514	74	75	9.20	0.47	55.99	18.26	3.95	0.32	1.58		0.01	6.27	0.04	0.26	0.03				0.03				100.06	3.30
MRC128	MD6515	75	76	11.17	0.58	62.98	11.54	3.85	0.29	0.62		0.01	5.42	0.03	0.16	0.04				0.01				99.87	2.78
MRC128	MD6516	76	77	10.14	0.52	60.29	12.57	5.66	0.25	0.38		0.01	5.19	0.03	0.19	0.03				0.02				99.51	3.85
MRC128	MD6517	77	78	12.98	0.67	60.84	11.35	5.47	0.26	0.35		0.01	5.00	0.02	0.18	0.03				0.01				100.02	2.51
MRC128	MD6518	78	79	13.01	0.67	61.34	11.62	4.51	0.27	0.67		0.01	5.53	0.02	0.16	0.04				0.01				100.21	2.06
MRC128	MD6519	79	80	12.64	0.69	68.66	7.27	3.86	0.27	0.10		0.01	4.34	0.02	0.09	0.04				0.01				100.22	1.92
MRC128	MD6520	80	81	10.30	0.58	58.05	14.78	6.84	0.23	0.21		0.01	4.67	0.04	0.26	0.03				0.03				99.96	3.55
MRC128	MD6521	81	82	11.50	0.62	64.98	9.87	4.42	0.26	0.14		0.01	4.24	0.02	0.15	0.03				0.05				99.87	3.23
MRC128	MD6522	82	83	8.59	0.44	64.22	13.09	3.97	0.23	0.11		0.01	3.34	0.04	0.24	0.04				0.05				99.76	4.80
MRC128	MD6523	83	84	2.87	0.14	48.33	28.63	6.09	0.14	0.83		0.02	3.58	0.10	0.61	0.05				0.24				99.79	7.26
MRC128	MD6524	84	85	11.78	0.63	65.96	8.97	4.29	0.30	0.05		0.01	4.66	0.03	0.15	0.03				0.01				99.97	2.64
MRC128	MD6525	85	86	13.31	0.72	66.52	7.68	4.01	0.27	0.04		0.01	4.97	0.02	0.11	0.03				0.01				100.16	2.15
MRC128	MD6526	86	87	13.94	0.75	68.09	6.23	3.72	0.24	0.02		0.01	4.69	0.01	0.07	0.03				0.03				100.10	2.02
MRC128	MD6527	87	88	13.71	0.75	68.56	5.98	3.67	0.27	0.03		0.02	4.74	0.01	0.05	0.04				0.02				100.02	1.92
MRC128	MD6528	88	89	14.23	0.77	69.60	5.69	3.66	0.26	0.03		0.02	3.64	0.01	0.06	0.03				0.01				99.93	1.70
MRC128	MD6529	89	90	14.12	0.77	69.20	5.78	3.73	0.24	0.03		0.03	3.82	0.01	0.05	0.03				0.01				100.21	2.14
MRC128	MD6530	90	91	15.35	0.83	68.56	5.36	4.08	0.20	0.02		0.05	2.81	<0.01	0.05	0.02				0.02				99.99	2.49
MRC128	MD6531	91	92	14.75	0.81	69.41	5.25	3.89	0.38	0.02		0.05	2.76	0.01	0.05	0.02				0.03				99.98	2.33
MRC128	MD6532	92	93	14.58	0.80	69.35	5.29	3.85	0.45	0.04		0.05	2.65	0.01	0.05	0.03				0.03				99.84	2.40
MRC128	MD6533	93	94	15.06	0.83	70.09	5.06	3.71	0.27	0.03		0.04	2.50	<0.01	0.06	0.02				0.03				99.85	1.90
MRC128	MD6534	94	95	12.65	0.71	70.13	6.30	3.29	0.32	0.08		0.02	4.04	0.01	0.06	0.03				0.12				100.02	1.94
MRC128	MD6535	95	96	11.99	0.67	70.77	5.94	3.08	0.27	0.11		0.01	4.62	0.02	0.09	0.02				0.17				100.13	2.06
MRC128	MD6536	96	97	10.73	0.61	71.77	5.31	2.61	0.31	0.34		0.01	4.50	0.02	0.08	0.03				0.23				99.51	2.50
MRC128	MD6537	97	98	12.03	0.68	69.80	6.10	3.13	0.27	0.07		0.01	4.96	0.02	0.10	0.02				0.37				100.28	2.41
MRC128	MD6539	98	99	10.51	0.61	68.98	7.07	2.99	0.34	0.14		0.01	5.09	0.02	0.12	0.04				0.49				100.44	3.53
MRC128	MD6540	99	100	3.63	0.22	70.92	8.06	2.22	0.21	0.90		0.02	4.02	0.02	0.26	0.06				0.17				99.93	8.42
MRC128	MD6541	100	101	2.82	0.16	62.15	18.35	2.49	0.17	0.38		0.02	6.10	0.02	0.24	0.04				0.10				99.91	6.13
MRC128	MD6542	101	102	1.25	0.06	49.98	32.64	2.07	0.17	0.30		0.02	7.45	0.01	0.22	0.03				0.04				100.07	5.27
MRC129	MD6543	0	1	3.44	0.19	32.88	34.43	15.40	0.13	1.24		0.03	2.41	0.16	0.45	0.02				0.03				100.09	8.98
MRC129	MD6544	1	2	3.16	0.11	17.67	50.18	17.98	0.05	0.25		0.03	0.49	0.16	0.64	0.01				<0.01				99.82	8.90
MRC129	MD6545	2	3	3.48	0.13	18.77	48.47	17.23	0.07	1.40		0.04	1.14	0.21	1.01	0.01				<0.01				99.88	7.71
MRC129	MD6546	3	4	3.68	0.14	19.59	45.31	17.44	0.09	2.95		0.03	2.32	0.26	1.19	0.01				<0.01				99.92	6.71
MRC129	MD6547	4	5	4.00	0.15	20.12	46.42	16.20	0.09	2.42		0.03	2.30	0.27	1.18	0.01				<0.01				100.01	6.55
MRC129	MD6548	5	6	4.27	0.15	21.31	44.85	15.06	0.12	3.40		0.03	3.20	0.30	1.26	0.01				<0.01				99.86	5.62
MRC129	MD6549	6	7	4.44	0.17	21.90	43.57	15.07	0.12	3.74		0.03	3.47	0.38	1.37	0.01				<0.01				99.90	5.38
MRC129	MD6550	7	8	4.53	0.15	21.55	43.31	14.32	0.14	5.21		0.02	4.40	0.37	1.59	0.01				<0.01				99.79	3.95
MRC129	MD6551	8	9	4.23	0.15	20.54	42.92	14.70	0.15	6.81		0.01	5.14	0.40	1.90	0.01				<0.01				100.01	2.82
MRC129	MD6552	9	10	3.83	0.12	19.86	44.56	15.50	0.12	4.77		0.02	3.82	0.87	2.31	0.01				<0.01				99.91	3.86
MRC129	MD6553	10	11	4.00	0.16	21.64	49.38	12.67	0.09	0.90		0.03	2.00	1.21	1.45	0.01				<0.01				99.92	6.10
MRC129	MD6554	11	12	4.11	0.15	20.89	43.05	14.12	0.15	5.66		0.02	5.04	1.33	1.93	0.01				<0.01				99.86	3.19
MRC129	MD6555	12	13	3.83	0.14	19.23	43.52	14.13	0.17	8.33		0.01	6.07	0.82	2.32	0.02				<0.01				100.04	1.30
MRC129	MD6556	13	14	3.97	0.15	19.51	42.57	14.07	0.18	9.28		0.01	6.32	0.52	2.05	0.02				<0.01				99.89	1.07
MRC129	MD6557	14	15	4.06	0.15	19.87	41.98	13.81	0.19	9.57		0.01	6.40	0.33	1.93	0.02				<0.01				99.52	1.03
MRC129	MD6558	15	16	3.95	0.15	19.26	42.61	14.28	0.25	9.01		0.01	6.08	0.36	2.07	0.01				<0.01				99.58	1.30
MRC129	MD6559	16	17	4.12	0.15	19.96	42.35	14.13	0.20	8.32		0.01	5.90	0.61	2.09	0.01				<0.01				99.62	1.57
MRC129	MD6560	17	18	3.22	0.12	17.20	45.58	15.32	0.15	7.30		0.01	4.86	0.71	3.06	0.01				<0.01				99.53	1.77
MRC129	MD6561	18	19	2.82	0.10	14.29	49.26	16.83	0.13	4.09		0.01	3.52	1.94	4.04	0.01				<0.01				99.85	2.59
MRC129	MD6562	19	20	2.48	0.09	13.36	48.64	18.15	0.12	4.65		0.01	3.48	2.15	4.00	0.01				<0.01				99.78	2.39
MRC129	MD6563	20	21	2.51	0.10	13.07	47.83	19.06	0.12	5.56		0.01	3.48	1.55	3.87	0.01				<0.01				99.83	2.46

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC129	MD6564	21	22	2.58	0.09	13.30	46.46	20.71	0.13	3.81		0.01	3.44	2.08	3.01	0.01				<0.01				100.04	4.17
MRC129	MD6565	22	23	2.50	0.11	13.47	46.62	20.73	0.15	3.69		0.01	3.07	2.01	3.34	0.01				<0.01				100.05	4.09
MRC129	MD6566	23	24	2.33	0.09	12.08	48.96	20.12	0.19	4.91		0.01	2.62	1.42	3.69	0.01				<0.01				100.12	3.42
MRC129	MD6567	24	25	2.51	0.09	13.18	46.70	20.94	0.31	3.35		0.01	2.47	1.83	2.80	0.01				<0.01				99.97	5.47
MRC129	MD6568	25	26	2.57	0.08	12.44	47.39	22.58	0.13	2.79		0.01	1.51	0.99	2.46	0.01				<0.01				100.00	6.76
MRC129	MD6569	26	27	2.54	0.10	13.90	45.11	22.86	0.17	1.74		0.02	2.19	1.58	1.98	0.01				<0.01				100.14	7.67
MRC129	MD6570	27	28	2.82	0.15	19.65	41.96	19.80	0.09	0.59		0.02	3.26	2.50	1.25	0.02				<0.01				100.06	7.73
MRC129	MD6571	28	29	5.26	0.20	28.40	36.05	16.16	0.17	0.61		0.02	2.84	1.72	1.02	0.02				<0.01				100.13	7.39
MRC129	MD6572	29	30	9.63	0.38	41.98	26.67	11.68	0.23	0.21		0.02	1.82	1.02	0.61	0.03				<0.01				100.06	5.57
MRC129	MD6573	30	31	9.28	0.34	39.84	27.97	12.40	0.24	0.12		0.03	1.34	0.77	0.60	0.02				<0.01				99.80	6.59
MRC129	MD6574	31	32	10.32	0.40	46.54	24.71	10.04	0.49	0.09		0.02	0.91	0.26	0.60	0.02				<0.01				100.17	5.43
MRC129	MD6575	32	33	6.31	0.26	36.50	35.17	12.09	0.33	0.11		0.02	0.99	0.28	0.75	0.02				0.02				100.07	6.91
MRC129	MD6576	33	34	1.48	0.07	20.66	47.17	18.75	0.09	0.11		0.03	1.22	0.35	0.89	0.02				0.05				100.33	9.22
MRC129	MD6577	34	35	8.37	0.38	46.25	26.88	10.45	0.33	0.08		0.02	1.01	0.24	0.59	0.02				0.02				100.25	5.32
MRC129	MD6578	35	36	12.28	0.54	60.26	16.31	5.69	0.38	0.07		0.02	0.79	0.08	0.42	0.02				<0.01				100.20	3.09
MRC129	MD6579	36	37	11.66	0.53	58.75	17.45	5.90	0.41	0.08		0.02	0.84	0.10	0.46	0.02				<0.01				100.10	3.60
MRC129	MD6580	37	38	11.51	0.52	56.98	19.19	5.97	0.37	0.08		0.02	0.89	0.10	0.53	0.02				<0.01				100.05	3.65
MRC129	MD6581	38	39	11.18	0.51	57.77	19.10	5.72	0.44	0.09		0.02	0.93	0.12	0.53	0.02				<0.01				100.41	3.73
MRC129	MD6582	39	40	9.66	0.44	53.19	22.73	6.11	0.70	0.10		0.02	1.22	0.16	0.66	0.03				<0.01				99.96	4.52
MRC129	MD6583	40	41	11.24	0.50	52.79	22.96	6.12	0.35	0.10		0.02	1.27	0.13	0.68	0.03				<0.01				100.22	3.76
MRC129	MD6584	41	42	2.39	0.13	21.13	46.24	13.62	0.48	6.50		0.01	5.05	0.21	1.40	0.02				0.04				100.43	2.97
MRC129	MD6585	42	43	0.68	0.04	13.68	50.72	16.80	0.17	6.32		0.01	5.21	0.57	2.11	0.01				0.04				100.25	3.73
MRC129	MD6586	43	44	0.66	0.04	14.55	49.96	16.45	0.14	6.12		0.01	5.39	0.69	1.78	0.01				0.04				99.98	3.97
MRC129	MD6587	44	45	0.61	0.04	18.92	47.65	17.87	0.21	1.88		0.02	2.60	0.76	1.18	0.01				0.05				99.83	7.78
MRC129	MD6588	45	46	0.59	0.06	21.73	45.99	17.93	0.45	0.38		0.02	1.97	1.04	1.02	0.02				0.05				100.51	8.93
MRC129	MD6589	46	47	0.58	0.04	20.66	47.03	18.81	0.19	0.35		0.02	1.35	0.53	0.96	0.01				0.05				100.31	9.39
MRC129	MD6590	47	48	0.55	0.03	17.73	47.48	20.57	0.16	0.25		0.03	1.33	0.57	1.04	0.01				0.07				100.18	9.98
MRC129	MD6591	48	49	5.09	0.27	39.86	31.84	12.61	0.15	0.12		0.04	1.07	0.42	0.61	0.02				0.03				100.19	7.73
MRC129	MD6592	49	50	6.69	0.36	59.45	16.16	7.45	0.47	0.06		0.04	0.54	0.36	0.27	0.03				0.01				99.83	7.54
MRC129	MD6593	50	51	7.31	0.37	50.58	25.67	6.24	0.47	0.39		0.03	1.56	0.22	0.72	0.03				<0.01				100.03	5.96
MRC129	MD6594	51	52	6.27	0.33	42.86	33.11	4.87	0.21	2.72		0.02	4.15	0.21	0.71	0.03				<0.01				100.02	4.21
MRC129	MD6595	52	53	6.72	0.34	40.96	33.53	4.95	0.22	3.44		0.02	4.85	0.21	0.70	0.03				<0.01				99.91	3.63
MRC129	MD6596	53	54	8.85	0.44	50.65	23.97	6.48	0.70	0.77		0.03	1.69	0.17	0.56	0.03				<0.01				100.05	5.33
MRC129	MD6597	54	55	5.95	0.31	62.05	14.38	6.44	0.84	0.14		0.05	0.41	0.11	0.25	0.04				0.01				99.92	8.56
MRC129	MD6599	55	56	6.93	0.34	46.34	28.75	6.80	0.52	0.49		0.03	1.70	0.20	0.76	0.03				<0.01				99.64	6.33
MRC129	MD6600	56	57	5.92	0.29	44.67	32.71	5.68	0.50	0.64		0.03	2.05	0.23	0.88	0.03				<0.01				100.23	6.09
MRC129	MD6600A	57	58	7.79	0.37	55.84	21.27	6.42	0.40	0.16		0.04	1.32	0.14	0.57	0.03				0.02				100.28	5.55
MRC129	MD6601	58	59	7.49	0.39	57.25	18.42	5.94	0.35	0.27		0.03	3.88	0.11	0.60	0.04				0.25				100.23	4.80
MRC129	MD6602	59	60	10.90	0.56	61.06	15.19	5.92	0.29	0.11		0.03	1.49	0.10	0.38	0.03				0.01				100.00	3.56
MRC129	MD6603	60	61	13.84	0.71	65.81	10.17	4.78	0.34	0.05		0.01	1.92	0.05	0.28	0.03				0.01				100.08	1.81
MRC129	MD6604	61	62	13.01	0.66	65.29	11.18	4.85	0.31	0.06		0.02	1.57	0.05	0.28	0.03				0.01				99.91	2.27
MRC129	MD6605	62	63	11.88	0.61	65.93	11.23	4.73	0.29	0.06		0.02	1.40	0.05	0.26	0.04				0.01				99.75	2.87
MRC129	MD6606	63	64	12.55	0.66	65.93	10.74	4.65	0.32	0.06		0.02	2.47	0.05	0.26	0.04				0.01				100.14	2.09
MRC129	MD6607	64	65	13.12	0.69	65.48	10.72	4.74	0.34	0.06		0.01	2.59	0.05	0.26	0.04				0.01				100.11	1.63
MRC129	MD6608	65	66	12.51	0.66	64.40	11.51	4.71	0.32	0.06		0.01	3.17	0.05	0.30	0.05				0.01				100.10	1.88
MRC129	MD6609	66	67	12.38	0.64	65.94	9.12	4.19	0.34	0.07		0.01	4.72	0.03	0.21	0.05				0.01				99.86	1.74
MRC129	MD6611	67	68	12.09	0.63	67.07	8.44	4.29	0.36	0.04		0.01	4.88	0.02	0.15	0.04				0.01				100.25	1.85
MRC129	MD6612	68	69	12.42	0.65	67.35	7.85	4.12	0.32	0.03		0.01	4.69	0.02	0.12	0.03				0.01				99.92	1.89
MRC129	MD6613	69	70	12.28	0.65	67.30	8.07	4.28	0.30	0.03		0.01	4.66	0.02	0.12	0.03				0.01				100.06	1.91
MRC129	MD6614	70	71	12.61	0.67	67.04	8.27	4.41	0.31	0.03		0.01	4.43	0.02	0.12	0.03				0.01				100.16	1.88
MRC129	MD6615	71	72	13.21	0.70	66.69	7.46	4.37	0.31	0.03		0.01	5.05	0.01	0.09	0.02				0.01				99.86	1.66
MRC129	MD6616	72	73	12.56	0.66	65.78	8.97	4.33	0.30	0.03		0.01	4.21	0.02	0.11	0.03				0.01				99.44	2.09
MRC129	MD6617	73	74	12.49	0.66	67.09	7.51	4.46	0.30	0.03		0.02	4.49	0.02	0.10	0.03				0.01				100.06	2.48
MRC129	MD6618	74	75	13.44	0.71	65.41	7.31	4.40	0.29	0.02		0.01	5.07	0.01	0.08	0.03				0.01				99.47	2.31
MRC129	MD6619	75	76	14.03	0.76	64.75	7.31	4.85	0.28	0.02		0.01	5.50	<0.01	0.08	0.02				0.01				100.08	2.21
MRC129	MD6620	76	77	14.00	0.75	65.05	7.69	4.89	0.29	0.02		0.01	5.19	0.01	0.10	0.02				0.02				100.17	1.89
MRC129	MD6621	77	78	13.76	0.73	67.30	6.73	4.20	0.29	0.02		0.01	4.77	<0.01	0.09	0.03				0.02				99.96	1.72
MRC129	MD6622	78	79	10.30	0.57	68.06	7.57	3.84	0.28	0.03		0.03	4.46	0.02	0.10	0.05				0.14				99.54	3.58
MRC129	MD6623	79	80	10.53	0.56	68.21	7.50	3.76	0.33	0.03		0.02	4.65	0.02	0.12	0.05				0.10				99.85	3.46
MRC129	MD6624	80	81	12.42	0.67	68.92	6.83	3.73	0.27	0.02		0.02	4.78	0.01	0.09	0.03				0.02				100.19	2.06
MRC129	MD6625	81	82	14.06	0.76	67.91	6.55	3.66	0.30	0.02		0.01	4.12	<0.01	0.08	0.03				0.02				99.51	1.64
MRC129	MD6626	82	83	13.68	0.74	68.93	5.96	3.70	0.32	0.02		0.01	4.53	<0.01	0.06	0.04				0.02				100.17	1.79

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC129	MD6627	83	84	13.90	0.75	67.99	5.86	3.77	0.26	0.02		0.01	4.54	<0.01	0.05	0.03				0.02				99.56	2.08
MRC129	MD6628	84	85	14.95	0.82	66.44	6.25	4.06	0.24	0.02		0.01	4.68	<0.01	0.07	0.03				0.02				99.94	2.09
MRC129	MD6629	85	86	15.51	0.82	65.81	6.12	4.15	0.25	0.01		0.01	4.62	<0.01	0.06	0.03				0.02				99.70	2.06
MRC129	MD6630	86	87	14.30	0.75	63.81	8.20	4.36	0.25	0.02		0.01	5.45	0.01	0.08	0.03				0.08				100.19	2.54
MRC129	MD6631	87	88	12.89	0.71	65.37	8.07	4.15	0.26	0.03		0.01	5.55	0.02	0.10	0.04				0.13				100.02	2.38
MRC129	MD6632	88	89	12.02	0.67	65.24	9.19	3.62	0.31	0.03		0.01	5.42	0.01	0.14	0.05				0.27				99.87	2.42
MRC129	MD6633	89	90	11.82	0.67	62.75	11.55	3.50	0.34	0.02		0.01	5.89	0.02	0.12	0.04				0.39				100.07	2.57
MRC129	MD6634	90	91	8.77	0.50	62.39	12.75	3.14	0.35	0.12		0.02	6.79	0.02	0.20	0.04				0.44				99.35	3.40
MRC129	MD6635	91	92	3.22	0.17	60.27	18.70	3.31	0.49	0.31		0.02	6.97	0.02	0.32	0.05				0.14				100.23	5.56
MRC129	MD6636	92	93	1.36	0.05	47.34	33.29	2.88	0.33	0.42		0.02	8.53	0.03	0.31	0.03				0.04				100.36	5.24
MRC129	MD6637	93	94	0.91	0.03	41.93	37.44	2.57	0.33	0.77		0.01	10.76	0.02	0.21	0.02				0.02				100.35	4.91
MRC129	MD6638	94	95	0.84	0.03	40.44	39.63	2.44	0.47	0.81		0.01	10.48	0.02	0.18	0.02				0.02				100.45	4.65
MRC129	MD6639	95	96	0.74	0.02	43.77	35.91	2.28	0.45	1.05		0.01	9.50	0.02	0.18	0.02				0.01				99.72	5.30
MRC129	MD6640	96	97	0.87	0.03	41.22	31.87	3.20	0.58	2.24		0.01	12.06	0.03	0.21	0.03				0.04				100.03	7.11
MRC129	MD6641	97	98	0.78	0.02	44.51	27.64	2.75	0.49	2.30		0.02	13.98	0.02	0.22	0.03				0.02				100.28	6.90
MRC129	MD6643	98	99	0.74	0.03	34.03	41.42	1.90	0.53	3.00		0.01	11.30	0.05	0.22	0.02				0.02				100.16	6.45
MRC129	MD6644	99	100	0.46	0.01	29.73	48.29	1.75	0.34	2.49		0.01	10.96	0.04	0.20	0.02				0.01				99.65	4.96
MRC129	MD6645	100	101	0.54	0.01	34.04	43.68	1.81	0.53	2.70		0.01	9.89	0.04	0.22	0.02				0.02				99.85	5.91
MRC129	MD6646	101	102	0.51	0.02	35.62	39.53	1.78	0.34	4.05		0.01	11.12	0.03	0.20	0.02				0.03				100.16	6.41
MRC130	MD6647	0	1	3.55	0.23	16.40	40.57	27.19	0.05	0.07		0.05	0.43	0.08	0.18	<0.01				0.01				100.28	11.35
MRC130	MD6648	1	2	4.25	0.18	8.70	44.91	29.57	0.02	0.02		0.04	0.12	0.28	0.23	<0.01				<0.01				99.97	11.49
MRC130	MD6649	2	3	3.79	0.14	9.25	46.06	28.71	0.02	0.01		0.05	0.14	0.28	0.31	<0.01				<0.01				100.33	11.38
MRC130	MD6650	3	4	3.94	0.19	15.52	41.98	26.78	0.02	0.01		0.06	0.12	0.25	0.31	<0.01				<0.01				100.36	10.99
MRC130	MD6651	4	5	4.43	0.20	22.71	37.35	24.05	0.03	<0.01		0.09	0.10	0.23	0.28	<0.01				<0.01				100.36	10.73
MRC130	MD6652	5	6	4.82	0.19	24.84	35.69	23.29	0.06	<0.01		0.08	0.10	0.23	0.27	0.01				<0.01				100.21	10.43
MRC130	MD6653	6	7	5.20	0.23	35.83	28.53	18.98	0.08	0.02		0.10	0.23	0.13	0.29	0.01				<0.01				100.00	10.12
MRC130	MD6654	7	8	6.03	0.24	30.78	31.91	20.55	0.07	<0.01		0.09	0.14	0.20	0.30	0.01				<0.01				100.41	9.89
MRC130	MD6655	8	9	7.13	0.28	30.93	32.01	19.85	0.09	0.01		0.07	0.18	0.27	0.29	0.01				<0.01				99.90	8.62
MRC130	MD6656	9	10	6.98	0.32	51.27	19.52	13.07	0.22	0.01		0.10	0.17	0.12	0.21	0.02				<0.01				100.35	8.14
MRC130	MD6657	10	11	8.76	0.36	38.05	26.78	16.68	0.13	0.03		0.07	0.18	0.30	0.29	0.01				<0.01				99.67	7.81
MRC130	MD6658	11	12	9.21	0.36	40.33	26.87	15.20	0.15	0.07		0.05	0.43	0.45	0.42	0.02				<0.01				100.30	6.47
MRC130	MD6659	12	13	8.50	0.33	39.58	28.92	13.63	0.16	0.03		0.05	0.48	0.44	0.48	0.02				<0.01				99.64	6.78
MRC130	MD6660	13	14	8.96	0.36	41.84	27.43	13.55	0.19	0.02		0.04	0.53	0.28	0.53	0.02				<0.01				100.50	6.46
MRC130	MD6661	14	15	11.12	0.46	50.67	21.90	9.57	0.26	0.02		0.03	0.68	0.17	0.48	0.03				<0.01				100.47	4.77
MRC130	MD6662	15	16	10.30	0.47	53.53	20.68	8.03	0.67	0.19		0.03	0.86	0.23	0.51	0.04				<0.01				100.64	4.64
MRC130	MD6663	16	17	9.21	0.41	44.56	26.31	7.24	0.71	3.06		0.02	3.46	0.37	0.56	0.03				<0.01				99.89	3.50
MRC130	MD6664	17	18	9.10	0.41	43.29	26.68	5.59	0.68	4.55		0.02	4.22	0.31	0.52	0.03				<0.01				99.56	3.63
MRC130	MD6665	18	19	9.18	0.43	42.35	27.82	5.16	0.34	5.48		0.01	5.14	0.40	0.51	0.03				<0.01				100.40	3.31
MRC130	MD6666	19	20	8.61	0.37	41.18	29.27	4.96	0.27	5.32		0.01	5.10	0.89	0.57	0.03				<0.01				100.18	3.34
MRC130	MD6667	20	21	8.17	0.38	41.54	29.04	4.61	0.30	6.04		0.01	6.23	0.42	0.53	0.03				<0.01				99.97	2.45
MRC130	MD6668	21	22	6.73	0.31	35.04	33.74	5.06	0.27	7.89		0.01	7.47	0.38	0.57	0.02				<0.01				99.85	2.16
MRC130	MD6669	22	23	8.62	0.40	43.91	27.40	5.08	0.43	4.66		0.01	5.45	0.51	0.59	0.03				<0.01				100.25	2.83
MRC130	MD6670	23	24	7.96	0.38	40.92	29.49	4.80	0.37	6.18		0.01	6.40	0.42	0.54	0.03				<0.01				100.16	2.36
MRC130	MD6671	24	25	7.91	0.39	40.32	29.49	4.90	0.38	6.15		0.03	5.79	0.54	0.62	0.03				<0.01				99.78	2.93
MRC130	MD6672	25	26	9.38	0.45	41.40	27.92	5.75	0.27	3.80		0.01	5.78	0.84	0.74	0.03				<0.01				99.98	3.31
MRC130	MD6673	26	27	9.23	0.51	53.44	20.65	5.64	0.21	0.74		0.02	2.16	0.63	0.48	0.02				0.01				100.01	5.95
MRC130	MD6674	27	28	10.19	0.51	49.68	22.20	7.00	0.19	0.39		0.02	2.68	1.06	0.56	0.02				0.01				99.92	5.14
MRC130	MD6675	28	29	7.77	0.30	29.05	36.80	11.83	0.08	0.35		0.03	3.58	1.62	0.89	0.02				<0.01				99.86	7.19
MRC130	MD6676	29	30	6.43	0.29	36.91	32.34	8.90	0.64	1.42		0.03	3.03	0.96	0.85	0.03				<0.01				99.95	7.56
MRC130	MD6677	30	31	7.83	0.36	39.36	31.65	7.68	0.23	2.23		0.02	3.57	0.49	0.81	0.02				<0.01				100.01	5.41
MRC130	MD6678	31	32	6.11	0.29	33.02	35.44	5.54	0.23	8.07		0.01	8.09	0.39	0.62	0.02				<0.01				100.08	2.06
MRC130	MD6679	32	33	5.21	0.25	31.21	36.70	5.19	0.48	9.23		0.01	8.24	0.45	0.59	0.02				<0.01				100.14	2.25
MRC130	MD6680	33	34	5.38	0.26	30.14	38.18	5.49	0.24	8.96		0.01	8.30	0.53	0.66	0.02				<0.01				100.34	2.00
MRC130	MD6681	34	35	5.91	0.29	32.85	35.65	5.80	0.43	7.46		0.02	7.04	0.44	0.68	0.02				<0.01				99.60	2.75
MRC130	MD6682	35	36	5.98	0.29	33.44	34.91	5.25	0.40	8.07		0.01	7.68	0.50	0.62	0.02				<0.01				99.79	2.35
MRC130	MD6683	36	37	5.83	0.28	34.69	35.78	5.34	0.24	5.38		0.02	6.85	1.00	0.81	0.02				<0.01				99.57	3.07
MRC130	MD6684	37	38	6.24	0.30	32.21	42.50	5.67	0.28	1.49		0.02	3.92	1.24	0.79	0.02				<0.01				99.75	4.72
MRC130	MD6685	38	39	6.30	0.32	37.12	32.79	4.54	0.35	6.96		0.02	7.35	0.49	0.65	0.02				<0.01				99.57	2.34
MRC130	MD6686	39	40	5.11	0.25	30.78	37.83	4.78	0.23	9.19		0.01	8.52	0.36	0.58	0.02				<0.01				99.69	1.82
MRC130	MD6687	40	41	5.71	0.29	32.26	36.97	5.22	0.20	8.60		0.01	7.77	0.34	0.61	0.02				<0.01				100.14	1.92
MRC130	MD6688	41	42	5.65	0.29	32.62	36.94	5.35	0.23	7.94		0.02	7.22	0.25	0.65	0.02				<0.01				99.69	2.28
MRC130	MD6689	42	43	5.25	0.27	30.36	38.20	5.39	0.19	8.73		0.03	8.21	0.35	0.64	0.02				<0.01				99.80	1.97

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC130	MD6690	43	44	5.22	0.24	28.26	40.39	6.00	0.17	7.76		0.02	7.50	0.61	0.66	0.02				<0.01				99.69	2.56
MRC130	MD6691	44	45	5.75	0.28	31.56	38.51	5.48	0.22	7.46		0.02	6.83	0.45	0.71	0.02				<0.01				99.97	2.46
MRC130	MD6692	45	46	5.14	0.25	28.60	40.49	5.67	0.23	8.31		0.02	7.47	0.64	0.74	0.02				<0.01				100.11	2.29
MRC130	MD6693	46	47	4.76	0.23	27.40	42.20	5.70	0.17	7.70		0.02	7.03	0.93	0.72	0.02				<0.01				99.59	2.50
MRC130	MD6694	47	48	5.17	0.22	27.21	39.96	7.17	0.11	5.21		0.81	6.48	2.22	0.76	0.02				<0.01				98.76	3.93
MRC130	MD6695	48	49	5.24	0.26	27.73	38.00	5.26	0.19	9.55		1.40	8.74	1.80	0.57	0.02				<0.01				99.95	2.35
MRC130	MD6696	49	50	5.05	0.25	28.44	38.39	5.02	0.20	10.00		0.64	9.00	1.01	0.66	0.02				<0.01				99.73	1.47
MRC130	MD6697	50	51	5.22	0.25	29.56	38.14	5.30	0.18	8.58		0.68	8.28	1.14	0.81	0.02				<0.01				99.74	2.05
MRC130	MD6698	51	52	5.60	0.27	31.46	37.16	5.16	0.17	5.96		1.15	7.90	2.27	0.60	0.02				<0.01				99.38	2.55
MRC130	MD6699	52	53	5.37	0.22	35.64	33.08	6.37	0.23	2.26		0.27	7.82	3.92	0.35	0.02				<0.01				99.60	3.83
MRC130	MD6700	53	54	5.77	0.24	35.24	35.11	5.27	0.49	2.91		0.08	7.18	2.97	0.40	0.02				<0.01				99.85	3.75
MRC130	MD6701	54	55	9.54	0.44	30.90	34.41	5.80	0.19	4.74		0.31	6.25	1.36	0.79	0.02				<0.01				99.40	4.63
MRC130	MD6702	55	56	9.83	0.50	47.93	24.23	4.67	0.24	2.64		0.27	5.07	0.54	0.69	0.03				<0.01				99.89	3.25
MRC130	MD6703	56	57	9.84	0.50	50.06	23.09	4.19	0.27	3.26		0.26	5.66	0.26	0.41	0.02				<0.01				99.85	2.01
MRC130	MD6704	57	58	11.54	0.59	55.98	18.42	4.25	0.28	2.12		0.03	4.68	0.19	0.35	0.02				<0.01				100.33	1.71
MRC130	MD6705	58	59	9.74	0.50	51.55	22.86	4.38	0.28	2.88		0.04	5.25	0.17	0.44	0.02				<0.01				100.59	2.25
MRC130	MD6706	59	60	10.57	0.54	54.57	19.29	4.79	0.47	1.97		0.02	4.64	0.11	0.35	0.03				<0.01				100.09	2.35
MRC130	MD6707	60	61	9.76	0.50	53.28	19.49	3.79	0.42	2.68		0.01	6.66	0.06	0.22	0.03				<0.01				99.39	2.14
MRC130	MD6708	61	62	9.35	0.48	51.83	20.98	3.78	0.35	2.59		0.01	7.53	0.04	0.21	0.03				<0.01				99.82	2.38
MRC130	MD6709	62	63	8.96	0.46	55.36	18.13	3.60	0.56	1.67		0.01	6.61	0.04	0.17	0.03				<0.01				99.41	3.28
MRC130	MD6710	63	64	9.56	0.49	55.67	19.49	3.38	0.31	1.12		0.01	5.81	0.03	0.12	0.04				<0.01				99.51	3.09
MRC130	MD6711	64	65	10.52	0.54	58.80	15.97	3.75	0.29	0.96		0.01	5.59	0.04	0.21	0.03				<0.01				99.96	2.87
MRC130	MD6712	65	66	11.28	0.59	60.83	13.48	3.70	0.31	0.96		0.01	5.57	0.05	0.20	0.03				<0.01				99.81	2.46
MRC130	MD6713	66	67	13.01	0.68	61.97	10.43	3.77	0.29	0.82		0.01	6.32	0.02	0.10	0.03				0.01				99.64	1.92
MRC130	MD6714	67	68	10.40	0.56	64.41	11.24	3.89	0.28	0.59		0.01	4.93	0.05	0.13	0.04				<0.01				100.07	3.13
MRC130	MD6715	68	69	12.62	0.66	62.36	11.22	3.91	0.30	0.56		0.01	4.78	0.04	0.16	0.03				0.01				99.43	2.45
MRC130	MD6717	69	70	11.21	0.58	63.54	10.69	3.78	0.33	0.48		0.02	5.65	0.03	0.11	0.04				0.01				100.14	3.21
MRC130	MD6718	70	71	14.29	0.76	65.75	8.08	4.33	0.32	0.15		0.02	3.83	0.02	0.12	0.03				0.01				100.04	2.04
MRC130	MD6719	71	72	13.20	0.70	64.96	9.51	4.12	0.28	0.11		0.02	4.13	0.02	0.08	0.04				0.01				99.96	2.44
MRC130	MD6720	72	73	13.10	0.71	69.34	6.56	3.86	0.23	0.07		0.02	3.43	0.02	0.07	0.03				0.02				99.91	2.13
MRC130	MD6721	73	74	15.71	0.84	69.19	6.04	4.29	0.25	0.02		0.02	1.98	0.01	0.09	0.03				0.02				100.21	1.49
MRC130	MD6722	74	75	14.46	0.77	69.30	5.60	3.78	0.28	0.03		0.03	2.95	0.01	0.05	0.04				0.03				99.25	1.59
MRC130	MD6723	75	76	14.03	0.77	69.29	5.48	3.70	0.25	0.03		0.03	3.58	0.01	0.04	0.03				0.04				99.43	1.90
MRC130	MD6724	76	77	13.58	0.75	67.51	6.69	3.50	0.28	0.10		0.02	4.92	0.02	0.07	0.03				0.05				99.82	1.98
MRC130	MD6725	77	78	14.54	0.79	66.77	6.11	3.91	0.28	0.04		0.01	4.98	0.01	0.05	0.03				0.08				99.48	1.64
MRC130	MD6726	78	79	12.73	0.72	67.44	6.91	3.45	0.28	0.12		0.01	5.79	0.02	0.06	0.04				0.12				99.99	1.97
MRC130	MD6727	79	80	10.39	0.58	64.62	10.70	3.16	0.23	0.21		0.01	6.60	0.02	0.08	0.03				0.15				99.41	2.27
MRC130	MD6728	80	81	8.54	0.48	65.55	12.75	2.68	0.23	0.30		0.02	5.56	0.02	0.09	0.03				0.24				99.76	2.87
MRC130	MD6729	81	82	3.95	0.23	41.04	33.48	3.20	0.27	0.76		0.01	12.57	0.02	0.12	0.02				0.15				99.76	3.60
MRC130	MD6731	82	83	1.43	0.07	35.32	36.31	3.40	0.32	2.57		0.01	16.40	0.02	0.13	0.03				0.03				100.33	3.97
MRC130	MD6732	83	84	1.04	0.03	36.07	31.40	4.17	0.57	4.11		0.02	15.26	0.04	0.24	0.03				0.01				99.97	6.56
MRC130	MD6733	84	85	1.07	0.03	33.76	42.16	3.39	0.30	1.65		0.01	12.58	0.03	0.22	0.02				0.02				99.92	4.33
MRC130	MD6734	85	86	0.99	0.03	34.86	38.31	3.57	0.29	2.17		0.01	14.39	0.03	0.18	0.02				0.01				99.64	4.45
MRC130	MD6735	86	87	0.84	0.02	33.33	39.30	3.39	0.27	1.86		0.01	15.67	0.02	0.17	0.02				0.01				99.56	4.34
MRC130	MD6736	87	88	0.80	0.02	36.58	37.11	3.41	0.25	2.10		0.01	14.60	0.02	0.17	0.02				0.01				100.36	4.87
MRC130	MD6737	88	89	0.87	0.03	33.40	45.20	2.60	0.60	2.24		0.01	8.92	0.06	0.24	0.02				0.03				100.38	5.60
MRC130	MD6738	89	90	1.07	0.03	33.85	38.75	3.75	0.42	1.85		0.01	13.67	0.04	0.22	0.02				0.07				99.80	5.56
MRC130	MD6739	90	91	0.74	0.02	37.90	38.91	2.62	0.26	2.02		0.01	11.34	0.03	0.17	0.02				0.02				99.75	5.25
MRC130	MD6740	91	92	0.68	0.01	30.02	46.66	2.55	0.53	1.71		0.01	13.16	0.02	0.13	0.02				0.01				100.00	4.06
MRC130	MD6741	92	93	0.60	0.02	25.45	49.52	2.39	0.56	2.88		0.01	14.02	0.03	0.12	0.01				0.02				99.69	3.69
MRC130	MD6742	93	94	0.59	0.02	21.70	37.30	2.15	0.41	8.57		0.01	16.92	0.02	0.08	0.01				0.02				99.95	11.89
MRC130	MD6743	94	95	0.55	0.01	20.58	32.59	1.88	0.37	9.80		0.04	18.31	0.03	0.09	0.01				0.01				99.81	15.31
MRC130	MD6744	95	96	0.67	0.02	23.17	35.44	1.95	0.32	8.05		0.02	16.80	0.04	0.12	0.01				0.01				99.48	12.59
MRC131	MD6745	0	1	3.13	0.34	26.34	34.88	23.13	0.06	0.57		0.02	1.25	0.27	0.33	<0.01				0.02				99.92	9.41
MRC131	MD6746	1	2	3.38	0.14	6.49	45.49	30.80	0.03	0.10		0.02	0.48	0.17	0.43	<0.01				<0.01				99.70	11.99
MRC131	MD6747	2	3	3.35	0.17	7.98	45.74	29.97	0.02	0.03		0.04	0.24	0.18	0.39	<0.01				<0.01				100.10	11.76
MRC131	MD6748	3	4	3.10	0.16	23.15	36.24	24.21	0.03	0.03		0.09	0.23	0.14	0.31	0.01				<0.01				99.53	11.67
MRC131	MD6749	4	5	4.60	0.22	22.62	37.67	23.33	0.05	0.02		0.07	0.23	0.13	0.32	0.01				<0.01				100.00	10.52
MRC131	MD6750	5	6	3.05	0.14	41.47	27.33	16.12	0.07	0.02		0.14	0.16	0.11	0.25	0.01				<0.01				99.59	10.57
MRC131	MD6751	6	7	4.34	0.24	30.51	34.49	19.49	0.08	0.15		0.08	0.69	0.21	0.27	0.01				<0.01				100.04	9.31
MRC131	MD6752	7	8	4.27	0.18	50.15	20.36	13.51	0.17	0.02		0.15	0.17	0.10	0.18	0.04				<0.01				99.68	10.14
MRC131	MD6753	8	9	6.08	0.25	49.12	20.06	13.53	0.17	0.01		0.14	0.13	0.08	0.19	0.04				<0.01				99.53	9.51

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC131	MD6754	9	10	9.96	0.41	47.95	19.18	14.12	0.18	0.02		0.09	0.16	0.13	0.20	0.04				<0.01				100.16	7.53
MRC131	MD6755	10	11	7.28	0.32	48.17	20.10	14.44	0.22	0.02		0.11	0.13	0.22	0.19	0.04				<0.01				100.08	8.58
MRC131	MD6756	11	12	7.78	0.36	52.65	18.49	11.70	0.23	0.03		0.10	0.26	0.30	0.20	0.04				<0.01				100.05	7.71
MRC131	MD6757	12	13	10.26	0.45	53.03	17.85	10.22	0.25	0.26		0.06	1.64	0.15	0.19	0.03				0.01				100.02	5.41
MRC131	MD6758	13	14	10.78	0.48	58.06	15.00	8.54	0.30	0.10		0.08	0.80	0.23	0.21	0.03				0.01				99.89	5.05
MRC131	MD6759	14	15	9.08	0.43	60.36	14.47	7.62	0.34	0.12		0.07	0.80	0.15	0.23	0.05				<0.01				99.57	5.57
MRC131	MD6760	15	16	10.16	0.48	56.17	17.30	8.23	0.28	0.14		0.06	1.04	0.15	0.31	0.04				0.01				99.98	5.36
MRC131	MD6761	16	17	10.37	0.47	56.07	17.77	7.90	0.27	0.12		0.06	0.97	0.16	0.32	0.04				0.01				99.88	5.07
MRC131	MD6762	17	18	10.53	0.49	52.48	19.36	9.71	0.24	0.10		0.08	1.04	0.16	0.38	0.03				0.01				100.10	5.21
MRC131	MD6763	18	19	10.77	0.51	59.90	14.19	6.50	0.24	0.09		0.06	1.59	0.67	0.25	0.02				<0.01				100.33	5.31
MRC131	MD6764	19	20	11.86	0.59	55.36	16.21	6.81	0.20	0.02		0.05	3.19	1.92	0.22	0.02				<0.01				100.47	3.74
MRC131	MD6765	20	21	11.20	0.52	47.93	19.89	9.12	0.14	0.02		0.07	2.78	1.54	0.33	0.02				<0.01				99.63	5.76
MRC131	MD6766	21	22	12.27	0.63	58.56	14.36	7.00	0.23	0.01		0.04	1.78	0.99	0.26	0.02				0.01				100.43	4.00
MRC131	MD6767	22	23	11.80	0.57	63.17	12.48	6.11	0.32	0.02		0.04	0.93	0.39	0.25	0.02				0.01				100.40	3.99
MRC131	MD6768	23	24	10.37	0.54	65.04	11.20	5.40	0.28	0.02		0.04	0.93	0.47	0.21	0.02				<0.01				100.13	5.24
MRC131	MD6769	24	25	11.31	0.56	60.77	14.03	6.76	0.35	0.03		0.03	0.71	0.24	0.32	0.02				0.01				99.82	4.38
MRC131	MD6770	25	26	9.77	0.49	57.48	17.81	6.54	0.32	0.08		0.02	0.89	0.18	0.48	0.02				<0.01				99.73	5.25
MRC131	MD6771	26	27	9.18	0.45	50.55	23.70	5.12	0.30	2.23		0.02	3.99	0.19	0.52	0.03				0.01				99.60	3.02
MRC131	MD6772	27	28	8.55	0.43	50.70	23.54	4.97	0.61	2.45		0.03	3.93	0.18	0.52	0.03				<0.01				99.58	3.20
MRC131	MD6773	28	29	8.16	0.41	44.89	27.73	4.88	0.30	4.21		0.01	5.51	0.29	0.55	0.03				0.01				99.68	2.44
MRC131	MD6774	29	30	7.95	0.39	47.59	26.62	5.42	0.59	2.30		0.02	3.63	0.35	0.69	0.03				<0.01				100.13	4.09
MRC131	MD6775	30	31	6.77	0.33	43.59	30.29	5.83	0.26	2.36		0.02	4.15	0.48	0.77	0.03				<0.01				99.82	4.57
MRC131	MD6776	31	32	6.05	0.32	53.70	23.31	6.09	0.32	0.42		0.02	1.37	0.25	0.68	0.03				<0.01				99.80	6.76
MRC131	MD6777	32	33	6.13	0.33	54.57	21.68	6.13	0.89	0.15		0.03	1.00	0.25	0.66	0.04				<0.01				99.69	7.31
MRC131	MD6778	33	34	4.78	0.28	63.38	15.61	4.70	0.38	0.15		0.03	0.73	0.14	0.46	0.04				<0.01				99.41	8.30
MRC131	MD6779	34	35	6.03	0.31	50.86	24.29	6.88	0.24	0.39		0.03	1.76	0.30	0.67	0.03				0.01				99.61	7.36
MRC131	MD6780	35	36	6.10	0.33	54.97	21.99	5.93	0.32	0.12		0.02	1.53	0.46	0.62	0.04				<0.01				100.07	7.20
MRC131	MD6781	36	37	7.81	0.33	46.38	26.52	7.72	0.20	0.11		0.03	1.78	0.57	0.80	0.03				<0.01				99.60	6.84
MRC131	MD6782	37	38	7.33	0.35	59.01	17.02	6.72	0.28	0.06		0.04	0.64	0.16	0.46	0.04				<0.01				99.94	7.38
MRC131	MD6783	38	39	8.00	0.40	64.85	11.51	6.99	0.28	0.03		0.07	0.22	0.05	0.22	0.03				<0.01				99.65	6.72
MRC131	MD6784	39	40	7.75	0.42	65.24	10.81	6.83	0.25	0.03		0.06	0.18	0.05	0.19	0.03				<0.01				99.56	7.46
MRC131	MD6785	40	41	7.28	0.34	66.54	10.38	6.27	0.24	0.03		0.06	0.18	0.04	0.19	0.03				<0.01				100.04	8.21
MRC131	MD6786	41	42	5.00	0.28	70.17	9.95	5.39	0.22	0.03		0.07	0.21	0.04	0.23	0.04				<0.01				100.39	8.38
MRC131	MD6787	42	43	7.07	0.38	61.48	15.51	5.75	0.31	0.05		0.03	0.48	0.10	0.40	0.05				<0.01				99.70	7.60
MRC131	MD6788	43	44	9.18	0.46	58.48	18.48	5.19	0.52	0.15		0.02	1.06	0.20	0.55	0.05				<0.01				100.16	5.34
MRC131	MD6789	44	45	8.89	0.46	52.38	23.20	4.74	0.37	1.69		0.02	2.89	0.19	0.58	0.04				<0.01				100.00	4.16
MRC131	MD6790	45	46	8.14	0.40	44.78	26.02	5.21	0.35	2.74		0.02	5.95	1.05	0.59	0.04				<0.01				99.77	4.11
MRC131	MD6791	46	47	9.49	0.48	55.25	19.16	4.67	0.34	1.11		0.02	3.94	0.75	0.55	0.05				<0.01				100.01	3.79
MRC131	MD6792	47	48	10.49	0.52	55.68	19.02	4.92	0.33	1.30		0.02	3.21	0.28	0.48	0.04				<0.01				100.01	3.41
MRC131	MD6793	48	49	11.41	0.58	58.09	17.03	4.04	0.34	1.44		0.02	2.99	0.18	0.40	0.03				0.01				99.64	2.82
MRC131	MD6794	49	50	12.32	0.60	63.45	11.99	4.28	0.45	0.52		0.02	2.33	0.12	0.30	0.04				0.01				99.91	3.14
MRC131	MD6795	50	51	11.94	0.62	63.15	12.49	4.47	0.31	0.88		0.01	3.36	0.06	0.25	0.03				0.01				99.84	1.97
MRC131	MD6796	51	52	11.77	0.60	58.31	15.64	4.68	0.33	1.37		0.02	4.42	0.07	0.32	0.03				0.01				99.85	2.01
MRC131	MD6797	52	53	12.15	0.63	61.62	13.10	4.62	0.36	0.66		0.02	4.28	0.05	0.33	0.03				0.01				100.21	2.06
MRC131	MD6798	53	54	12.56	0.63	61.77	12.23	4.56	0.40	0.52		0.02	4.61	0.05	0.33	0.03				0.01				99.72	1.67
MRC131	MD6799	54	55	13.65	0.71	67.21	8.95	3.85	0.39	0.16		0.02	3.08	0.05	0.30	0.03				0.01				100.31	1.65
MRC131	MD6801	55	56	13.98	0.73	67.00	7.95	4.10	0.36	0.03		0.02	3.41	0.03	0.24	0.03				0.01				99.86	1.62
MRC131	MD6802	56	57	13.76	0.73	68.11	7.25	4.06	0.36	0.02		0.01	4.26	0.02	0.17	0.03				0.01				100.21	1.09
MRC131	MD6803	57	58	13.85	0.72	67.65	7.11	4.00	0.33	0.02		0.01	4.54	0.02	0.14	0.02				0.01				100.48	1.74
MRC131	MD6804	58	59	13.60	0.72	68.41	6.82	3.71	0.33	0.02		0.01	4.54	0.02	0.11	0.02				0.01				100.31	1.69
MRC131	MD6805	59	60	13.07	0.69	65.31	8.60	3.94	0.31	0.29		0.01	5.53	0.02	0.12	0.03				0.01				100.31	2.08
MRC131	MD6806	60	61	12.61	0.69	61.38	11.52	4.10	0.30	0.75		0.01	6.47	0.03	0.16	0.02				0.02				100.21	1.92
MRC131	MD6807	61	62	12.65	0.67	61.46	11.05	3.52	0.30	0.93		0.01	7.34	0.02	0.11	0.02				0.01				99.99	1.67
MRC131	MD6808	62	63	12.55	0.67	63.90	9.14	3.38	0.29	0.53		0.02	6.77	0.02	0.11	0.03				0.01				99.55	1.87
MRC131	MD6809	63	64	13.49	0.73	66.60	7.06	3.64	0.29	0.16		0.01	5.90	0.01	0.08	0.03				0.01				100.13	1.82
MRC131	MD6810	64	65	13.70	0.76	69.23	5.57	3.46	0.28	0.06		0.03	4.82	0.01	0.06	0.03				0.01				99.64	1.42
MRC131	MD6811	65	66	14.89	0.82	68.98	5.35	3.73	0.28	0.03		0.01	4.31	<0.01	0.06	0.03				0.02				100.15	1.44
MRC131	MD6812	66	67	14.20	0.80	69.67	5.77	3.77	0.27	0.04		0.01	3.66	0.02	0.08	0.03				0.02				100.23	1.66
MRC131	MD6813	67	68	13.71	0.75	70.23	5.55	3.60	0.26	0.03		0.02	3.82	0.01	0.07	0.03				0.03				100.34	1.95
MRC131	MD6814	68	69	15.27	0.85	69.30	5.25	3.98	0.23	0.01		0.02	3.21	<0.01	0.05	0.02				0.04				100.19	1.74
MRC131	MD6815	69	70	13.73	0.75	68.16	6.07	3.82	0.26	0.02		0.02	4.45	0.01	0.07	0.03				0.05				99.74	2.03
MRC131	MD6816	70	71	13.31	0.74	69.18	5.75	3.56	0.26	0.02		0.02	4.26	0.02	0.07	0.03				0.06				99.43	1.88

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC131	MD6817	71	72	14.08	0.79	67.95	6.71	3.55	0.29	0.03		0.01	4.34	0.42	0.08	0.03				0.09				100.10	1.50
MRC131	MD6818	72	73	11.34	0.60	57.40	15.44	4.61	0.29	0.07		0.03	3.75	1.03	0.28	0.03				0.12				99.45	4.06
MRC131	MD6820	73	74	6.02	0.26	44.08	28.36	4.79	0.22	0.17		0.03	8.61	1.56	0.39	0.03				0.17				99.50	4.29
MRC131	MD6821	74	75	1.15	0.05	25.71	48.56	2.61	0.15	0.93		0.01	16.15	0.40	0.20	0.02				0.02				99.42	3.20
MRC131	MD6822	75	76	0.91	0.03	28.69	44.20	3.41	0.18	1.76		0.01	15.31	0.86	0.34	0.03				0.01				100.04	3.90
MRC131	MD6823	76	77	0.77	0.03	22.87	45.07	4.72	0.19	1.19		0.02	17.69	2.47	0.36	0.04				0.01				99.54	3.72
MRC131	MD6824	77	78	0.71	0.03	26.28	44.56	3.25	0.25	2.27		0.01	15.94	1.89	0.27	0.03				0.02				99.52	3.56
MRC131	MD6825	78	79	0.81	0.03	30.95	44.61	2.14	0.30	2.51		0.01	14.00	0.10	0.17	0.02				0.02				99.46	3.46
MRC131	MD6826	79	80	0.63	0.02	30.76	52.13	1.42	0.38	1.91		0.01	5.83	0.10	0.19	0.04				0.01				99.84	5.76
MRC131	MD6827	80	81	0.65	0.02	28.17	57.88	1.62	0.35	0.89		0.01	5.60	0.09	0.18	0.04				0.01				99.98	3.89
MRC131	MD6828	81	82	0.63	0.02	33.21	36.76	3.92	0.32	1.78		0.01	18.17	0.03	0.17	0.02				0.02				100.19	4.66
MRC131	MD6829	82	83	0.50	0.01	28.07	42.87	2.81	0.28	2.41		0.01	18.37	0.03	0.20	0.02				0.02				99.71	3.69
MRC131	MD6830	83	84	0.65	0.01	22.64	47.70	3.00	0.21	1.99		0.01	20.16	0.03	0.14	0.01				0.02				100.48	3.55
MRC132	MD6831	0	1	4.07	0.17	24.27	35.07	18.67	0.08	3.34		0.07	1.53	0.49	0.64	0.01				0.01				100.11	11.43
MRC132	MD6832	1	2	4.28	0.14	21.26	39.80	22.01	0.04	0.33		0.04	0.65	0.51	0.50	<0.01				<0.01				100.16	10.40
MRC132	MD6833	2	3	4.31	0.13	20.32	43.20	20.64	0.05	0.18		0.05	0.68	0.55	0.71	0.01				<0.01				100.42	9.32
MRC132	MD6834	3	4	3.94	0.11	18.95	45.46	19.45	0.05	0.58		0.05	0.95	0.84	1.30	0.01				<0.01				100.06	8.12
MRC132	MD6835	4	5	4.09	0.12	19.39	45.20	18.55	0.05	1.01		0.08	1.14	1.00	1.79	0.01				<0.01				99.91	7.23
MRC132	MD6836	5	6	3.79	0.14	20.28	45.49	16.59	0.06	1.31		0.07	1.76	1.45	1.88	0.01				<0.01				99.66	6.59
MRC132	MD6837	6	7	3.85	0.14	18.73	44.89	14.98	0.14	7.06		0.02	4.69	0.54	2.51	0.01				<0.01				100.18	2.42
MRC132	MD6838	7	8	3.89	0.13	19.15	45.14	15.54	0.13	5.50		0.03	3.84	0.56	2.26	0.01				<0.01				99.94	3.55
MRC132	MD6839	8	9	3.77	0.13	18.58	44.66	14.66	0.15	7.38		0.01	5.25	0.68	2.48	0.01				<0.01				100.06	2.10
MRC132	MD6840	9	10	3.67	0.13	18.50	44.11	14.98	0.15	7.37		0.01	5.25	0.78	2.29	0.01				<0.01				99.72	2.27
MRC132	MD6841	10	11	3.76	0.13	18.74	44.42	14.64	0.15	7.59		0.01	5.48	0.65	2.15	0.01				<0.01				100.20	2.26
MRC132	MD6842	11	12	3.82	0.14	18.52	45.05	14.80	0.15	7.40		0.02	5.25	0.50	2.09	0.01				<0.01				100.38	2.42
MRC132	MD6843	12	13	3.57	0.13	17.87	44.48	14.66	0.15	9.03		0.01	5.80	0.46	2.16	0.01				<0.01				100.14	1.62
MRC132	MD6844	13	14	3.57	0.13	17.57	44.35	14.32	0.15	9.83		0.01	6.03	0.36	2.02	0.01				<0.01				99.84	1.31
MRC132	MD6845	14	15	3.52	0.13	17.64	44.27	14.31	0.16	10.19		0.01	6.16	0.34	2.04	0.01				<0.01				100.05	1.09
MRC132	MD6846	15	16	3.58	0.13	17.91	44.11	14.53	0.17	9.67		0.01	6.26	0.46	2.07	0.01				<0.01				100.28	1.19
MRC132	MD6847	16	17	3.43	0.12	17.80	43.97	14.48	0.16	9.66		0.01	6.17	0.37	2.08	0.01				<0.01				99.62	1.18
MRC132	MD6848	17	18	3.71	0.13	18.88	43.43	14.68	0.17	8.65		0.01	5.93	0.57	2.01	0.01				<0.01				100.11	1.76
MRC132	MD6849	18	19	3.64	0.13	18.25	43.77	14.95	0.16	9.11		0.01	5.69	0.47	2.47	0.01				<0.01				100.16	1.32
MRC132	MD6850	19	20	3.66	0.13	18.42	43.54	14.64	0.17	9.26		0.01	6.08	0.71	2.31	0.01				<0.01				100.33	1.18
MRC132	MD6851	20	21	3.75	0.13	18.88	42.71	14.47	0.21	8.39		0.01	6.10	1.47	2.14	0.01				<0.01				100.09	1.60
MRC132	MD6852	21	22	4.11	0.15	20.14	41.44	15.77	0.11	2.47		0.02	5.06	3.09	1.37	0.01				<0.01				99.44	5.50
MRC132	MD6853	22	23	4.26	0.15	19.98	40.72	16.13	0.13	1.74		0.02	5.40	3.59	1.10	0.01				<0.01				99.53	6.09
MRC132	MD6854	23	24	3.76	0.14	20.04	43.07	15.22	0.11	2.50		0.02	5.11	3.76	1.55	0.01				<0.01				100.16	4.67
MRC132	MD6855	24	25	3.68	0.13	17.91	46.42	15.25	0.28	3.43		0.01	3.86	2.04	2.09	0.01				<0.01				99.94	4.59
MRC132	MD6856	25	26	3.59	0.13	17.74	48.03	15.66	0.32	2.81		0.01	3.05	1.15	2.27	0.01				<0.01				99.93	4.83
MRC132	MD6857	26	27	4.03	0.15	19.21	47.17	14.96	0.16	1.84		0.01	3.46	1.68	1.79	0.01				<0.01				100.15	5.44
MRC132	MD6858	27	28	4.00	0.14	19.88	45.68	15.12	0.20	1.76		0.02	3.47	1.61	1.70	0.01				<0.01				99.51	5.69
MRC132	MD6859	28	29	3.44	0.12	17.80	47.40	16.17	0.28	2.30		0.02	3.00	1.11	2.14	0.01				<0.01				99.66	5.62
MRC132	MD6860	29	30	2.70	0.10	13.68	49.05	18.39	0.22	3.69		0.01	2.90	1.32	2.84	0.01				<0.01				99.71	4.54
MRC132	MD6861	30	31	3.00	0.11	15.00	48.57	17.46	0.21	4.35		0.02	2.35	0.82	2.82	0.01				<0.01				99.72	4.76
MRC132	MD6862	31	32	2.98	0.08	14.80	48.38	18.07	0.06	4.03		0.01	2.66	1.07	2.75	0.01				<0.01				99.75	4.65
MRC132	MD6863	32	33	3.49	0.10	17.09	46.78	17.17	0.07	3.89		0.03	2.87	1.01	2.31	0.01				<0.01				99.92	4.92
MRC132	MD6864	33	34	3.22	0.09	15.15	47.72	19.32	0.06	3.31		0.02	1.96	0.63	2.59	0.01				<0.01				99.80	5.52
MRC132	MD6865	34	35	2.82	0.08	13.41	48.85	19.99	0.05	4.65		0.01	1.89	0.57	3.38	0.01				<0.01				100.10	4.19
MRC132	MD6866	35	36	2.47	0.08	14.61	48.70	19.67	0.12	3.66		0.01	1.86	1.04	3.96	0.01				<0.01				100.32	3.93
MRC132	MD6867	36	37	2.45	0.08	12.06	49.61	20.53	0.04	4.01		0.02	1.88	0.95	3.81	0.01				<0.01				99.67	4.06
MRC132	MD6868	37	38	2.28	0.07	10.87	49.91	21.17	0.06	6.38		0.01	1.92	0.52	3.86	0.01				<0.01				100.39	3.11
MRC132	MD6869	38	39	2.22	0.06	10.27	50.30	22.30	0.04	5.41		0.01	1.42	0.56	3.69	0.01				<0.01				100.47	3.98
MRC132	MD6870	39	40	2.22	0.06	10.76	50.02	22.15	0.04	5.20		0.01	1.25	0.50	3.60	0.01				<0.01				100.28	4.23
MRC132	MD6871	40	41	2.37	0.05	10.84	49.90	22.27	0.03	4.32		0.02	0.98	0.52	3.39	0.01				<0.01				100.00	5.08
MRC132	MD6872	41	42	2.32	0.06	11.22	50.53	21.53	0.04	3.91		0.01	1.09	0.68	3.81	0.01				<0.01				100.16	4.74
MRC132	MD6873	42	43	2.55	0.06	11.38	49.79	22.34	0.03	3.61		0.02	1.02	0.59	3.19	0.01				<0.01				100.52	5.71
MRC132	MD6874	43	44	2.21	0.06	11.47	50.44	21.74	0.03	3.81		0.01	0.96	0.55	3.68	0.01				<0.01				100.13	4.91
MRC132	MD6875	44	45	2.50	0.08	11.62	49.61	22.05	0.06	3.44		0.02	1.10	0.60	3.19	0.01				<0.01				100.14	5.64
MRC132	MD6876	45	46	2.40	0.07	11.34	50.04	21.80	0.03	3.71		0.01	1.12	0.70	3.47	0.01				<0.01				100.00	5.08
MRC132	MD6877	46	47	2.23	0.07	11.00	50.62	21.42	0.04	4.56		0.01	1.27	0.72	3.85	0.01				<0.01				100.18	4.16
MRC132	MD6878	47	48	2.26	0.06	10.86	50.16	20.71	0.05	6.74		0.01	1.71	0.63	3.57	0.01				<0.01				100.26	3.27
MRC132	MD6879	48	49	2.24	0.07	11.50	49.42	20.74	0.20	5.51		0.01	1.66	0.86	3.45	0.01				<0.01				99.95	4.03

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC132	MD6880	49	50	2.51	0.08	11.17	50.10	20.75	0.05	5.64		0.01	1.81	1.03	3.49	0.01				<0.01				100.38	3.52
MRC132	MD6881	50	51	2.96	0.10	14.98	47.62	18.55	0.12	5.13		0.01	2.30	1.41	2.98	0.01				<0.01				100.28	3.88
MRC132	MD6882	51	52	3.73	0.15	21.76	42.39	15.15	0.21	4.28		0.01	4.09	1.71	1.87	0.01				<0.01				100.06	4.50
MRC132	MD6883	52	53	4.73	0.19	23.54	40.22	14.00	0.21	5.24		0.01	5.02	1.52	1.45	0.02				<0.01				99.97	3.66
MRC132	MD6884	53	54	7.09	0.30	30.88	35.96	12.55	0.23	1.42		0.02	3.61	1.64	1.12	0.02				<0.01				100.42	5.39
MRC132	MD6885	54	55	7.40	0.21	41.02	26.18	9.02	0.38	0.25		0.03	4.63	2.67	0.53	0.02				<0.01				99.80	7.12
MRC132	MD6886	55	56	7.31	0.27	29.44	32.51	10.55	0.46	1.91		2.64	6.05	4.25	0.55	0.02				<0.01				99.64	5.88
MRC132	MD6887	56	57	6.91	0.25	38.63	26.90	8.58	0.18	1.43		3.51	5.63	4.06	0.34	0.02				<0.01				99.33	6.16
MRC132	MD6888	57	58	7.68	0.32	37.64	27.27	8.49	0.20	1.95		2.60	6.27	4.45	0.27	0.02				<0.01				99.68	4.87
MRC132	MD6889	58	59	8.24	0.37	40.15	25.23	7.07	0.28	4.19		2.07	6.86	4.35	0.17	0.02				<0.01				100.09	2.94
MRC132	MD6890	59	60	7.94	0.38	38.42	28.66	5.85	0.24	7.19		0.79	7.25	2.34	0.32	0.02				<0.01				99.59	0.83
MRC132	MD6891	60	61	8.45	0.39	40.47	27.74	5.63	0.30	6.23		1.28	7.35	0.59	0.45	0.02				<0.01				99.66	1.87
MRC132	MD6892	61	62	9.01	0.42	43.73	26.45	5.21	0.31	5.00		1.96	6.49	0.30	0.42	0.02				<0.01				100.01	2.47
MRC132	MD6893	62	63	9.24	0.43	45.29	26.25	4.77	0.31	4.54		1.32	6.25	0.22	0.36	0.02				<0.01				99.71	1.85
MRC132	MD6894	63	64	8.61	0.40	44.98	26.72	4.77	0.31	4.58		1.59	6.23	0.19	0.37	0.02				<0.01				99.96	2.58
MRC132	MD6895	64	65	7.96	0.38	42.47	27.83	4.35	0.31	6.11		1.15	7.32	0.15	0.31	0.02				<0.01				99.54	2.16
MRC132	MD6896	65	66	8.91	0.42	43.18	29.62	5.44	0.27	3.87		2.18	5.09	0.17	0.53	0.02				<0.01				100.08	2.31
MRC132	MD6897	66	67	7.26	0.34	38.96	30.12	5.01	0.31	6.90		2.47	6.99	0.14	0.39	0.02				0.01				100.17	3.50
MRC132	MD6898	67	68	8.37	0.40	42.32	28.74	5.07	0.25	5.83		1.53	6.05	0.10	0.41	0.02				<0.01				99.67	1.91
MRC132	MD6899	68	69	8.54	0.41	42.66	28.76	5.00	0.27	5.23		1.10	6.17	0.16	0.40	0.02				0.01				99.86	2.03
MRC132	MD6900	69	70	9.27	0.45	45.64	25.94	4.57	0.29	5.22		1.07	6.92	0.15	0.29	0.02				0.01				99.99	0.99
MRC132	MD6901	70	71	8.33	0.41	41.36	29.13	4.72	0.28	6.41		0.82	7.77	0.17	0.31	0.02				0.01				100.03	0.90
MRC132	MD6902	71	72	8.37	0.41	40.97	29.28	4.70	0.26	6.32		0.68	8.05	0.19	0.30	0.02				<0.01				99.50	0.41
MRC132	MD6903	72	73	7.77	0.38	39.62	30.41	4.60	0.27	7.06		0.61	8.40	0.17	0.32	0.02				0.01				99.97	0.70
MRC132	MD6904	73	74	7.71	0.38	39.89	30.17	4.52	0.29	6.88		0.56	8.29	0.19	0.33	0.02				<0.01				99.66	0.77
MRC132	MD6905	74	75	7.48	0.38	39.48	29.24	4.30	0.28	8.16		0.61	8.23	0.71	0.32	0.02				0.01				99.61	0.79
MRC132	MD6907	75	76	7.30	0.38	35.97	30.98	4.37	0.26	8.92		1.65	7.67	1.01	0.41	0.02				0.01				99.56	2.07
MRC132	MD6908	76	77	6.25	0.33	35.19	32.79	5.33	0.26	6.28		3.81	5.38	1.57	0.54	0.02				<0.01				99.87	5.67
MRC132	MD6909	77	78	5.96	0.27	27.59	37.82	5.00	0.22	9.26		3.45	7.67	1.24	0.47	0.02				0.01				99.72	3.96
MRC132	MD6910	78	79	4.31	0.21	24.93	40.86	4.81	0.26	11.90		0.85	9.98	0.42	0.45	0.01				<0.01				99.91	1.56
MRC132	MD6911	79	80	4.10	0.20	23.61	41.32	4.84	0.25	12.55		0.83	9.97	0.45	0.43	0.01				<0.01				99.61	1.67
MRC132	MD6912	80	81	4.32	0.21	24.15	40.68	4.78	0.25	13.54		0.56	10.43	0.35	0.40	0.02				<0.01				100.54	1.21
MRC133	MD6914	0	1	0.46	0.02	2.93	71.44	14.60	0.03	0.21		0.01	0.16	5.97	1.14	<0.01				<0.01				99.39	2.38
MRC133	MD6915	1	2	0.23	0.01	2.04	72.73	14.18	0.02	0.11		0.04	0.08	6.74	1.31	<0.01				0.01				99.41	1.90
MRC133	MD6916	2	3	0.14	0.01	1.50	71.02	15.99	0.02	0.17		0.01	0.08	6.41	2.02	<0.01				<0.01				99.43	2.01
MRC133	MD6917	3	4	2.15	0.10	14.10	57.55	15.65	0.10	0.10		0.02	1.12	3.25	0.92	0.01				0.01				100.05	4.88
MRC133	MD6918	4	5	7.38	0.33	37.22	36.93	10.18	0.16	0.03		0.03	0.55	0.90	0.39	0.01				<0.01				99.47	5.21
MRC133	MD6919	5	6	8.30	0.36	40.90	32.60	10.16	0.16	0.04		0.03	0.49	0.29	0.38	0.01				<0.01				99.51	5.56
MRC133	MD6920	6	7	10.09	0.45	48.74	25.12	8.41	0.22	0.07		0.02	1.11	0.63	0.34	0.02				0.01				99.96	4.50
MRC133	MD6921	7	8	8.88	0.40	42.57	28.25	8.00	0.23	2.00		0.01	4.11	0.85	0.36	0.02				0.01				99.72	3.84
MRC133	MD6922	8	9	6.99	0.33	39.78	30.69	8.04	0.20	2.71		0.01	4.73	0.81	0.42	0.02				<0.01				99.47	4.53
MRC133	MD6923	9	10	7.40	0.35	40.69	29.90	8.21	0.21	2.29		0.01	4.95	1.14	0.47	0.02				<0.01				100.44	4.54
MRC133	MD6924	10	11	7.35	0.34	36.82	31.64	5.63	0.27	7.71		0.01	7.49	0.42	0.49	0.02				<0.01				99.71	1.29
MRC133	MD6925	11	12	7.01	0.32	33.47	34.24	6.59	0.26	7.35		0.01	6.65	0.77	0.50	0.02				<0.01				99.65	2.25
MRC133	MD6926	12	13	6.71	0.32	33.59	34.61	5.50	0.36	8.08		0.01	7.35	0.63	0.47	0.02				<0.01				99.53	1.67
MRC133	MD6927	13	14	7.15	0.34	35.28	32.96	5.55	0.26	8.26		0.01	7.53	0.49	0.46	0.02				0.01				99.67	1.16
MRC133	MD6928	14	15	6.36	0.30	32.89	34.98	5.94	0.23	8.64		0.01	7.72	0.42	0.50	0.02				<0.01				99.90	1.70
MRC133	MD6929	15	16	6.93	0.33	36.89	32.25	5.81	0.26	7.26		0.01	7.11	0.48	0.47	0.02				<0.01				100.09	2.03
MRC133	MD6930	16	17	6.45	0.31	33.07	35.12	6.10	0.23	8.47		0.01	7.57	0.45	0.51	0.02				<0.01				100.23	1.73
MRC133	MD6931	17	18	5.01	0.24	26.79	39.92	6.20	0.23	10.64		0.01	8.84	0.39	0.54	0.02				<0.01				100.31	1.29
MRC133	MD6932	18	19	5.12	0.24	27.91	38.62	6.05	0.23	10.02		0.01	8.44	0.48	0.54	0.02				<0.01				99.74	1.88
MRC133	MD6933	19	20	5.16	0.26	28.34	38.60	6.01	0.22	10.40		0.01	8.55	0.34	0.50	0.01				<0.01				99.89	1.30
MRC133	MD6934	20	21	5.12	0.24	27.43	39.67	6.23	0.24	10.63		0.01	8.58	0.35	0.53	0.01				<0.01				100.56	1.35
MRC133	MD6935	21	22	6.08	0.28	30.38	37.19	5.89	0.23	9.91		0.01	8.39	0.33	0.51	0.02				<0.01				100.55	1.15
MRC133	MD6936	22	23	5.69	0.26	29.39	37.32	6.08	0.23	10.03		0.01	8.34	0.37	0.50	0.02				<0.01				99.72	1.30
MRC133	MD6937	23	24	5.34	0.24	28.18	38.80	6.07	0.23	10.73		0.01	8.60	0.33	0.50	0.02				<0.01				100.59	1.34
MRC133	MD6938	24	25	5.64	0.25	27.58	38.94	6.36	0.43	9.27		0.01	7.69	0.56	0.56	0.02				<0.01				99.66	2.13
MRC133	MD6939	25	26	6.41	0.29	32.62	34.44	6.32	0.24	8.03		0.01	7.19	1.10	0.47	0.02				<0.01				99.66	2.32
MRC133	MD6940	26	27	6.46	0.30	32.19	35.34	6.05	0.24	8.59		0.01	7.95	0.55	0.54	0.02				<0.01				99.81	1.41
MRC133	MD6941	27	28	6.25	0.30	31.21	36.63	6.05	0.22	8.84		0.01	7.97	0.45	0.55	0.02				<0.01				100.18	1.51
MRC133	MD6942	28	29	6.26	0.28	30.39	37.76	6.46	0.29	7.40		0.01	7.12	0.58	0.56	0.02				<0.01				99.96	2.57
MRC133	MD6943	29	30	5.25	0.24	25.89	43.87	7.80	0.14	5.89		0.01	5.25	0.34	0.59	0.02				<0.01				99.55	3.98

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC133	MD6944	30	31	4.66	0.21	24.93	41.68	6.81	0.22	10.02		0.01	8.08	0.38	0.57	0.02				<0.01				99.94	2.12
MRC133	MD6945	31	32	5.29	0.23	26.93	39.72	6.31	0.25	9.71		0.01	8.49	0.55	0.60	0.02				<0.01				99.98	1.66
MRC133	MD6946	32	33	5.17	0.23	28.56	38.19	6.22	0.34	9.51		0.01	8.20	0.46	0.58	0.02				<0.01				99.67	1.91
MRC133	MD6947	33	34	5.78	0.26	29.40	37.62	6.38	0.25	10.15		0.01	8.03	0.34	0.56	0.02				<0.01				100.49	1.45
MRC133	MD6948	34	35	6.78	0.30	33.15	35.32	6.32	0.27	8.24		0.01	6.83	0.35	0.52	0.02				<0.01				100.40	2.04
MRC133	MD6949	35	36	6.23	0.28	32.45	34.89	6.15	0.30	8.97		0.01	7.42	0.63	0.51	0.02				<0.01				100.02	1.89
MRC133	MD6950	36	37	5.45	0.24	28.09	38.04	6.52	0.34	9.33		0.01	7.73	0.83	0.55	0.02				<0.01				99.89	2.49
MRC133	MD6951	37	38	5.45	0.23	29.18	36.77	6.36	0.38	9.40		0.35	8.18	1.35	0.50	0.02				<0.01				99.79	1.69
MRC133	MD6952	38	39	5.53	0.23	28.32	36.85	6.71	0.22	9.45		1.34	8.28	1.68	0.48	0.02				<0.01				99.79	1.73
MRC133	MD6953	39	40	5.65	0.25	28.70	37.44	6.12	0.23	10.20		0.71	8.19	0.82	0.53	0.02				<0.01				99.59	1.23
MRC133	MD6954	40	41	6.35	0.28	32.38	34.95	5.97	0.25	9.32		0.66	7.63	0.84	0.50	0.02				<0.01				100.07	1.34
MRC133	MD6955	41	42	5.87	0.26	29.92	36.94	6.16	0.25	10.15		0.71	8.03	0.74	0.55	0.02				<0.01				100.31	1.17
MRC133	MD6956	42	43	5.93	0.26	28.44	37.31	6.48	0.23	10.01		0.61	8.05	0.75	0.54	0.02				<0.01				99.60	1.36
MRC133	MD6957	43	44	7.05	0.31	30.18	35.62	8.11	0.21	6.21		1.43	5.73	2.08	0.40	0.02				<0.01				99.49	3.29
MRC133	MD6958	44	45	6.21	0.25	28.82	33.84	8.07	0.28	4.44		4.01	7.02	3.88	0.23	0.02				<0.01				99.51	6.09
MRC133	MD6959	45	46	6.89	0.29	32.92	30.23	7.80	0.23	4.04		4.70	6.96	4.25	0.19	0.02				<0.01				99.50	5.30
MRC133	MD6960	46	47	6.68	0.30	34.62	31.14	7.33	0.24	3.87		1.99	6.73	4.40	0.21	0.02				<0.01				99.38	3.48
MRC133	MD6961	47	48	6.24	0.23	36.45	23.36	7.02	0.27	3.57		>5.000	7.14	4.29	0.12	0.03				<0.01				99.73	10.47
MRC133	MD6963	48	49	4.76	0.13	47.05	14.06	4.07	0.22	2.40		>5.000	4.31	2.46	0.11	0.02				<0.01				99.75	19.69
MRC133	MD6964	49	50	6.96	0.28	36.81	24.22	6.93	0.23	4.04		>5.000	6.58	3.61	0.19	0.02				<0.01				99.85	9.48
MRC133	MD6966	50	51	7.86	0.37	39.54	26.58	6.32	0.27	5.42		1.74	6.44	3.16	0.20	0.02				0.01				99.37	2.91
MRC133	MD6967	51	52	8.27	0.39	41.25	26.21	6.02	0.25	6.12		1.37	6.51	2.89	0.21	0.02				<0.01				100.21	1.76
MRC133	MD6968	52	53	7.91	0.40	42.24	25.05	6.17	0.28	6.04		0.69	6.84	3.15	0.17	0.02				0.01				99.84	1.24
MRC133	MD6969	53	54	9.31	0.44	43.02	22.23	6.56	0.27	4.14		4.37	6.41	2.88	0.23	0.02				0.01				99.92	4.06
MRC133	MD6970	54	55	11.31	0.55	54.75	16.45	5.30	0.35	3.28		1.52	5.84	0.67	0.28	0.03				0.01				99.85	0.76
MRC133	MD6971	55	56	11.52	0.56	54.49	17.43	5.52	0.33	3.39		0.75	5.77	0.21	0.25	0.03				0.01				99.90	0.11
MRC133	MD6972	56	57	11.81	0.58	58.81	13.97	5.30	0.41	1.77		1.52	4.31	0.15	0.18	0.03				0.01				99.81	2.20
MRC133	MD6973	57	58	11.71	0.58	56.36	15.77	5.29	0.38	2.76		0.76	5.59	0.11	0.16	0.03				0.01				99.69	0.65
MRC133	MD6974	58	59	10.59	0.52	53.11	18.07	5.54	0.37	3.14		0.66	6.92	0.10	0.15	0.03				0.01				99.82	0.97
MRC133	MD6975	59	60	10.27	0.50	52.16	19.57	5.32	0.34	2.51		1.18	7.15	0.07	0.15	0.03				0.01				99.89	1.49
MRC134	MD7510	0	1	5.96	0.19	36.50	23.92	12.85	0.25	4.46		0.31	3.57	0.61	0.54	0.01				0.20				99.26	9.76
MRC134	MD7511	1	2	3.97	0.15	25.80	39.00	14.68	0.17	2.54		0.17	4.75	0.82	1.01	0.01				0.13				100.50	6.95
MRC134	MD7512	2	3	2.68	0.09	21.96	46.40	5.23	0.16	6.86		0.03	12.47	0.23	0.70	0.01				0.22				100.06	2.78
MRC134	MD7513	3	4	4.06	0.13	26.85	42.24	5.14	0.21	5.57		0.03	11.25	0.24	0.83	0.01				0.15				100.08	3.13
MRC134	MD7514	4	5	6.74	0.23	34.83	35.82	6.41	0.29	3.21		0.07	6.56	0.59	0.72	0.01				0.09				99.76	3.95
MRC134	MD7515	5	6	1.46	0.08	24.87	46.39	13.51	0.08	0.38		0.10	2.38	0.71	0.81	0.01				0.08				99.54	8.43
MRC134	MD7516	6	7	2.14	0.10	21.94	46.20	3.13	0.22	8.31		0.04	14.61	0.08	0.33	0.01				0.19				100.12	2.67
MRC134	MD7517	7	8	2.41	0.09	24.50	44.50	3.69	0.17	6.06		0.03	12.83	0.07	0.49	0.01				0.25				99.38	3.90
MRC134	MD7518	8	9	2.05	0.07	21.75	47.14	3.27	0.21	6.06		0.02	15.07	0.05	0.42	0.01				0.25				99.91	3.25
MRC134	MD7519	9	10	2.03	0.08	19.54	47.71	4.13	0.22	7.97		0.01	14.49	0.37	0.55	0.01				0.21				100.14	2.55
MRC134	MD7520	10	11	5.14	0.19	31.98	38.10	5.06	0.23	4.86		0.02	8.87	0.51	0.63	0.01				0.08				99.58	3.58
MRC134	MD7521	11	12	4.02	0.14	25.77	41.35	7.11	0.21	5.14		0.02	10.17	0.55	0.95	0.02				0.13				99.74	3.77
MRC134	MD7522	12	13	4.16	0.12	28.78	39.56	4.35	0.29	5.90		0.04	11.36	0.13	0.55	0.01				0.17				99.77	3.99
MRC134	MD7523	13	14	2.67	0.10	21.32	43.39	5.71	0.26	6.44		0.02	14.63	0.05	0.55	0.02				0.20				99.95	4.30
MRC134	MD7524	14	15	3.53	0.11	25.67	39.09	7.89	0.44	4.56		0.01	11.95	0.09	0.72	0.02				0.11				99.68	5.15
MRC134	MD7525	15	16	2.40	0.09	24.26	44.57	5.71	0.31	5.38		0.02	11.16	0.38	0.84	0.02				0.18				99.82	4.07
MRC134	MD7526	16	17	3.59	0.14	24.71	48.20	5.49	0.62	3.36		0.02	8.31	0.17	0.75	0.02				0.11				100.58	4.51
MRC134	MD7527	17	18	2.66	0.09	22.66	44.54	4.57	0.47	6.82		0.01	12.75	0.13	0.67	0.02				0.16				99.68	3.59
MRC134	MD7528	18	19	2.35	0.08	21.34	45.87	4.38	0.24	7.19		0.02	13.34	0.09	0.57	0.01				0.20				99.55	3.56
MRC134	MD7529	19	20	2.78	0.10	25.07	43.15	5.52	0.16	5.80		0.01	11.65	0.11	0.66	0.01				0.15				99.91	4.44
MRC134	MD7530	20	21	4.53	0.14	25.99	42.24	7.25	0.18	3.83		0.01	8.98	0.24	1.02	0.01				0.09				99.89	4.88
MRC134	MD7531	21	22	2.28	0.07	18.19	46.16	5.17	0.19	7.71		0.01	15.55	0.17	0.61	0.01				0.20				99.74	3.08
MRC134	MD7532	22	23	2.59	0.08	22.43	46.70	4.42	0.22	5.69		0.01	12.93	0.19	0.69	0.01				0.20				100.50	3.96
MRC134	MD7533	23	24	4.28	0.17	27.66	40.59	4.78	0.22	5.19		0.01	12.31	0.16	0.74	0.02				0.14				100.22	3.60
MRC134	MD7534	24	25	3.75	0.16	28.22	39.49	5.19	0.33	5.07		0.01	12.46	0.22	0.82	0.02				0.13				99.98	3.74
MRC134	MD7535	25	26	2.41	0.10	22.81	49.69	3.91	0.36	3.98		0.01	11.28	0.13	0.58	0.02				0.21				100.37	4.45
MRC134	MD7536	26	27	1.94	0.08	18.81	49.58	4.06	0.31	6.23		0.01	14.44	0.29	0.61	0.02				0.21				100.32	3.38
MRC134	MD7537	27	28	1.98	0.08	20.03	49.77	3.73	0.35	5.97		0.01	13.65	0.24	0.60	0.02				0.22				100.57	3.55
MRC134	MD7538	28	29	2.12	0.07	21.66	46.38	4.62	0.25	5.01		0.01	14.43	0.23	0.91	0.01				0.25				100.45	4.12
MRC134	MD7539	29	30	2.37	0.08	23.39	45.16	4.42	0.28	4.27		0.01	14.59	0.52	1.03	0.01				0.23				100.31	3.61
MRC134	MD7540	30	31	1.99	0.07	20.80	46.97	4.43	0.23	5.78		0.02	14.61	0.40	0.84	0.01				0.18				100.19	3.57
MRC134	MD7541	31	32	1.87	0.06	22.75	46.16	3.61	0.29	5.68		0.02	13.53	0.20	0.87	0.01				0.23				99.51	3.85

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC134	MD7542	32	33	1.90	0.05	21.47	46.95	4.16	0.26	6.30		0.01	13.70	0.16	0.77	0.01				0.25				100.25	3.80
MRC134	MD7543	33	34	1.80	0.06	20.06	44.28	6.24	0.27	6.29		0.01	14.37	1.43	0.74	0.01				0.19				99.48	3.22
MRC134	MD7544	34	35	3.43	0.07	19.73	41.92	8.21	0.28	5.29		0.01	14.10	2.73	0.77	0.02				0.10				99.83	2.68
MRC134	MD7545	35	36	2.05	0.05	17.83	46.55	5.63	0.32	6.72		0.01	15.41	1.18	0.71	0.01				0.17				100.07	3.01
MRC134	MD7546	36	37	1.50	0.05	17.99	39.19	3.49	0.26	10.15		0.01	15.41	0.25	0.53	0.01				0.21				99.94	10.49
MRC134	MD7547	37	38	1.56	0.05	18.48	38.12	2.98	0.23	10.63		0.01	15.10	0.19	0.44	0.01				0.21				99.55	11.22
MRC134	MD7548	38	39	1.66	0.05	18.37	39.88	3.37	0.26	10.03		0.04	15.73	0.13	0.30	0.01				0.22				99.55	9.22
MRC134	MD7549	39	40	1.46	0.04	17.09	41.18	3.82	0.24	9.40		0.01	16.23	0.35	0.47	0.01				0.19				99.47	8.61
MRC134	MD7550	40	41	1.24	0.04	17.18	44.22	4.33	0.21	7.75		0.01	15.89	0.31	0.69	0.01				0.21				100.18	7.70
MRC134	MD7551	41	42	1.43	0.03	18.06	37.38	3.44	0.18	9.58		0.02	16.17	0.22	0.63	0.01				0.24				99.74	11.09
MRC134	MD7552	42	43	1.17	0.03	14.43	37.21	3.17	0.24	9.85		0.01	18.19	0.34	0.76	0.01				0.20				100.19	14.03
MRC134	MD7553	43	44	0.93	0.03	15.40	36.33	2.60	0.26	10.90		0.02	16.96	0.11	0.39	0.02				0.24				99.33	14.68
MRC134	MD7554	44	45	0.91	0.03	16.14	39.92	2.68	0.19	6.49		0.09	21.38	0.15	0.31	0.01				0.34				99.50	10.59
MRC134	MD7555	45	46	0.90	0.03	14.68	38.11	2.18	0.17	5.64		0.04	22.94	0.14	0.37	0.01				0.30				99.75	13.95
MRC134	MD7556	46	47	0.99	0.03	15.76	36.53	2.23	0.21	5.34		0.07	24.56	0.10	0.29	0.01				0.35				99.50	12.75
MRC134	MD7557	47	48	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
MRC134	MD7558	48	49	1.04	0.03	16.35	37.54	2.20	0.21	4.71		0.18	27.13	0.03	0.11	0.01				0.37				99.75	9.63
MRC134	MD7559	49	50	0.92	0.03	16.34	38.45	2.21	0.20	5.03		0.18	27.41	0.02	0.07	0.01				0.38				100.05	8.62
MRC134	MD7560	50	51	0.95	0.03	16.82	38.67	2.52	0.22	4.20		0.17	27.33	0.02	0.07	0.01				0.38				99.46	7.88
MRC134	MD7562	51	52	1.21	0.03	18.64	36.27	2.48	0.22	3.74		0.12	27.92	0.02	0.09	0.01				0.38				99.61	8.22
MRC134	MD7563	52	53	1.21	0.03	19.20	36.01	2.20	0.24	3.81		0.13	27.98	0.01	0.06	0.01				0.38				99.75	8.21
MRC134	MD7564	53	54	1.08	0.03	19.47	36.68	1.95	0.23	3.59		0.14	28.77	<0.01	0.06	0.01				0.39				100.08	7.42
MRC134	MD7565	54	55	1.16	0.03	18.27	38.24	2.69	0.20	4.18		0.23	27.17	0.01	0.05	0.01				0.36				99.77	7.01
MRC134	MD7566	55	56	0.80	0.03	18.41	37.95	1.95	0.23	3.67		0.18	30.00	<0.01	0.05	0.01				0.41				99.90	6.02
MRC134	MD7568	56	57	0.78	0.03	18.10	38.48	2.03	0.22	3.59		0.21	30.00	<0.01	0.04	0.01				0.42				99.67	5.58
MRC134	MD7569	57	58	0.84	0.04	16.53	35.14	6.38	0.23	4.80		0.33	24.45	0.36	0.23	0.03				0.28				99.56	9.88
MRC134	MD7570	58	59	0.67	0.02	16.72	40.15	2.45	0.25	5.30		0.42	26.91	0.06	0.08	0.02				0.37				99.50	6.11
MRC134	MD7571	59	60	0.73	0.02	18.06	40.05	1.91	0.23	3.62		0.28	30.44	0.02	0.04	0.01				0.43				100.04	4.08
MRC135	MD7572	0	1	4.07	0.21	39.22	25.65	16.36	0.09	2.43		0.08	1.18	0.25	0.37	0.01				0.13				99.56	9.28
MRC135	MD7573	1	2	6.12	0.31	48.09	24.56	12.42	0.12	0.07		0.10	0.48	0.18	0.31	0.01				0.12				99.76	6.65
MRC135	MD7574	2	3	8.53	0.33	41.21	32.98	8.77	0.19	0.06		0.07	0.87	0.25	0.60	0.01				0.03				100.08	5.89
MRC135	MD7575	3	4	7.30	0.33	42.55	32.84	8.31	0.19	0.04		0.07	0.90	0.30	0.58	0.02				0.01				99.58	5.82
MRC135	MD7576	4	5	8.84	0.39	43.63	31.24	6.90	0.26	1.33		0.04	2.10	0.20	0.47	0.02				<0.01				99.51	3.86
MRC135	MD7577	5	6	7.18	0.33	38.46	33.39	6.05	0.23	4.59		0.04	5.30	0.38	0.53	0.02				0.01				100.03	3.23
MRC135	MD7578	6	7	7.20	0.33	36.84	32.87	6.54	0.26	5.81		0.02	6.50	0.42	0.62	0.02				<0.01				99.89	2.22
MRC135	MD7579	7	8	8.61	0.40	43.28	27.66	5.82	0.30	5.01		0.01	5.84	0.36	0.55	0.02				<0.01				100.03	1.87
MRC135	MD7580	8	9	7.52	0.35	38.36	31.20	6.14	0.29	6.12		0.01	6.41	0.42	0.61	0.02				<0.01				99.65	1.88
MRC135	MD7581	9	10	7.23	0.35	38.17	31.40	6.47	0.30	6.20		0.01	6.57	0.41	0.63	0.02				<0.01				100.01	1.95
MRC135	MD7582	10	11	7.42	0.34	39.86	30.96	6.18	0.34	5.56		0.01	6.02	0.35	0.61	0.02				<0.01				100.24	2.27
MRC135	MD7583	11	12	6.76	0.32	36.95	32.68	6.17	0.29	6.77		0.02	6.98	0.43	0.60	0.02				<0.01				99.93	1.67
MRC135	MD7584	12	13	6.76	0.31	31.57	37.43	6.14	0.27	7.86		0.04	7.26	0.51	0.59	0.02				0.01				100.51	1.53
MRC135	MD7585	13	14	6.82	0.32	34.14	34.90	6.21	0.25	8.04		0.02	7.48	0.37	0.61	0.02				<0.01				100.56	1.13
MRC135	MD7586	14	15	7.08	0.33	36.30	32.89	6.75	0.25	7.39		0.01	7.20	0.31	0.61	0.02				<0.01				100.44	1.05
MRC135	MD7587	15	16	7.60	0.36	38.52	30.82	6.59	0.28	6.72		0.01	6.80	0.27	0.58	0.02				<0.01				99.99	1.15
MRC135	MD7588	16	17	6.88	0.32	36.56	33.41	6.75	0.22	6.05		0.01	6.12	0.41	0.67	0.02				0.01				100.34	2.58
MRC135	MD7589	17	18	5.37	0.22	26.26	40.28	7.32	0.23	8.81		0.01	7.96	0.70	0.69	0.02				<0.01				99.76	1.64
MRC135	MD7590	18	19	5.38	0.22	27.83	38.95	7.45	0.23	9.58		0.01	8.02	0.36	0.72	0.02				<0.01				100.08	1.07
MRC135	MD7591	19	20	5.44	0.22	27.28	39.04	7.47	0.23	10.06		0.01	8.23	0.35	0.71	0.02				<0.01				100.17	0.89
MRC135	MD7592	20	21	5.32	0.22	27.51	39.56	7.53	0.26	8.98		0.01	7.79	0.62	0.77	0.02				<0.01				100.01	1.22
MRC135	MD7593	21	22	6.15	0.26	31.42	37.88	8.29	0.26	2.98		0.02	5.46	1.94	0.78	0.02				<0.01				99.91	4.12
MRC135	MD7594	22	23	6.10	0.27	31.17	38.89	8.21	0.22	1.45		0.02	5.02	2.34	0.66	0.02				<0.01				99.98	5.19
MRC135	MD7595	23	24	5.70	0.25	30.01	40.56	7.12	0.32	3.34		0.02	5.18	1.55	0.72	0.02				<0.01				99.80	4.57
MRC135	MD7596	24	25	5.76	0.26	32.98	37.73	6.82	0.34	3.90		0.02	5.08	1.11	0.65	0.02				<0.01				99.75	4.62
MRC135	MD7597	25	26	5.28	0.23	27.38	38.79	7.12	0.27	9.30		0.01	8.36	0.66	0.77	0.02				<0.01				99.79	1.34
MRC135	MD7598	26	27	5.06	0.21	26.01	39.87	7.04	0.27	10.47		0.01	8.53	0.51	0.74	0.02				<0.01				100.27	1.26
MRC135	MD7599	27	28	4.80	0.21	25.13	40.38	7.07	0.24	11.08		0.01	8.79	0.41	0.70	0.02				<0.01				100.37	1.23
MRC135	MD7600	28	29	4.90	0.21	25.21	39.96	7.07	0.23	11.50		0.01	8.89	0.32	0.71	0.02				<0.01				100.41	1.10
MRC135	MD7601	29	30	4.98	0.21	25.86	39.93	7.19	0.24	10.88		0.01	8.78	0.33	0.81	0.02				<0.01				100.47	0.95
MRC136	MD7602	0	1	7.26	0.39	36.50	36.53	9.51	0.12	0.45		0.05	0.69	0.22	0.33	0.01				0.01				100.08	7.74
MRC136	MD7603	1	2	7.22	0.34	35.02	38.08	8.98	0.14	0.16		0.05	1.23	0.63	0.46	0.02				0.01				100.08	7.37
MRC136	MD7604	2	3	5.73	0.27	39.71	33.17	9.43	0.15	0.09		0.06	1.52	0.88	0.53	0.02				<0.01				99.83	7.81
MRC136	MD7605	3	4	6.43	0.35	41.60	30.06	9.85	0.16	0.10		0.09	0.87	0.44	0.57	0.02				<0.01				100.13	9.02

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC136	MD7606	4	5	6.50	0.28	44.85	27.66	8.51	0.20	0.06		0.09	1.10	0.66	0.58	0.02				<0.01				99.76	8.63
MRC136	MD7607	5	6	7.22	0.30	39.46	31.62	9.88	0.17	0.56		0.07	1.36	0.48	0.69	0.02				<0.01				100.12	7.68
MRC136	MD7608	6	7	7.39	0.29	35.90	34.33	8.18	0.24	2.88		0.04	3.57	0.23	0.81	0.02				<0.01				99.73	5.35
MRC136	MD7609	7	8	6.26	0.26	32.07	36.66	6.87	0.24	6.68		0.01	6.97	0.36	0.87	0.02				<0.01				99.87	2.29
MRC136	MD7610	8	9	6.84	0.30	35.39	34.35	6.51	0.25	6.88		0.01	7.14	0.26	0.87	0.02				<0.01				100.76	1.60
MRC136	MD7611	9	10	6.30	0.28	33.18	35.75	6.33	0.25	7.32		0.01	7.59	0.25	0.91	0.02				<0.01				100.14	1.66
MRC136	MD7612	10	11	5.42	0.26	31.19	37.74	6.49	0.24	7.78		0.01	8.05	0.25	0.93	0.02				<0.01				100.15	1.52
MRC136	MD7613	11	12	3.64	0.17	24.22	41.44	10.05	0.25	7.03		0.01	8.14	0.56	1.54	0.02				0.02				100.09	2.64
MRC136	MD7614	12	13	4.12	0.19	24.75	41.37	8.67	0.33	7.76		0.01	8.28	0.63	1.13	0.02				0.02				100.25	2.64
MRC136	MD7615	13	14	4.52	0.21	27.83	40.60	7.23	0.24	6.74		0.01	7.63	0.43	1.02	0.02				0.09				100.13	3.24
MRC136	MD7616	14	15	2.71	0.12	22.40	45.07	6.33	0.19	8.43		0.01	10.35	0.42	0.97	0.02				0.18				99.94	2.40
MRC136	MD7617	15	16	6.47	0.30	38.66	31.83	5.31	0.30	4.63		0.02	8.34	0.14	0.67	0.02				0.08				99.79	2.70
MRC136	MD7618	16	17	4.93	0.24	32.48	36.34	6.20	0.24	4.81		0.02	10.00	0.25	0.91	0.03				0.10				99.93	3.00
MRC136	MD7619	17	18	6.57	0.29	32.28	36.20	6.20	0.29	6.38		0.01	8.21	0.38	0.87	0.02				0.01				100.08	2.07
MRC136	MD7620	18	19	5.76	0.23	27.44	39.92	6.16	0.30	7.38		0.01	9.02	0.55	0.77	0.02				0.06				100.17	2.22
MRC136	MD7622	19	20	2.87	0.16	22.23	45.06	5.39	0.25	8.42		0.01	11.70	0.39	0.86	0.02				0.14				99.88	2.03
MRC136	MD7623	20	21	4.56	0.20	28.30	40.71	4.22	0.28	7.45		0.02	10.54	0.24	0.74	0.02				0.11				99.99	2.22
MRC136	MD7624	21	22	4.00	0.16	24.28	42.40	4.53	0.25	8.01		0.01	12.63	0.21	0.84	0.02				0.15				99.77	1.94
MRC136	MD7625	22	23	4.48	0.20	26.34	42.49	4.19	0.27	8.54		0.01	10.55	0.26	0.70	0.02				0.08				100.01	1.58
MRC136	MD7626	23	24	2.78	0.13	22.89	44.57	4.00	0.28	7.61		0.01	13.33	0.23	0.72	0.02				0.22				99.65	2.45
MRC136	MD7627	24	25	5.76	0.24	27.98	39.17	6.71	0.25	8.12		0.01	8.28	0.42	0.89	0.02				0.01				100.07	1.90
MRC136	MD7628	25	26	7.29	0.33	37.44	32.18	6.17	0.40	5.11		0.02	6.95	0.45	0.87	0.03				0.01				100.05	2.35
MRC136	MD7629	26	27	6.98	0.34	37.13	32.44	6.01	0.25	5.32		0.02	7.37	0.28	0.79	0.02				0.01				99.53	2.24
MRC136	MD7630	27	28	6.64	0.33	38.13	32.14	5.58	0.28	5.59		0.02	8.16	0.27	0.75	0.02				<0.01				100.05	1.83
MRC136	MD7631	28	29	7.15	0.35	37.36	32.80	6.12	0.18	4.29		0.02	7.40	0.24	0.93	0.02				<0.01				99.98	2.76
MRC136	MD7632	29	30	7.58	0.33	41.15	29.91	5.77	0.36	3.18		0.02	6.51	0.24	0.93	0.02				0.02				99.59	3.13
MRC137	MD7664	0	1	0.97	0.07	32.84	35.54	18.68	0.02	0.09		0.08	0.33	0.17	0.10	0.01				0.08				99.96	10.89
MRC137	MD7665	1	2	0.81	0.07	28.43	38.11	20.97	0.01	0.02		0.09	0.12	0.14	0.19	0.01				0.12				100.29	11.10
MRC137	MD7666	2	3	0.78	0.07	29.82	33.34	22.99	0.01	<0.01		0.11	0.12	0.15	0.27	0.01				0.13				100.36	12.35
MRC137	MD7667	3	4	0.90	0.07	25.69	32.63	26.52	0.01	<0.01		0.09	0.12	0.18	0.33	0.01				0.16				100.15	13.19
MRC137	MD7668	4	5	0.82	0.07	36.01	26.20	22.28	0.02	<0.01		0.12	0.13	0.31	0.31	0.01				0.18				99.86	13.15
MRC137	MD7669	5	6	0.51	0.04	53.81	18.46	13.92	0.03	<0.01		0.14	0.08	0.14	0.16	0.02				0.16				99.92	12.20
MRC137	MD7670	6	7	0.59	0.04	49.14	22.63	15.41	0.07	0.04		0.10	0.17	0.16	0.18	0.01				0.18				100.07	11.06
MRC137	MD7671	7	8	0.32	0.03	58.12	17.44	11.43	0.03	<0.01		0.15	0.08	0.13	0.12	0.02				0.21				99.99	11.60
MRC137	MD7672	8	9	0.32	0.03	62.20	13.63	10.13	0.03	<0.01		0.15	0.08	0.15	0.10	0.02				0.26				99.76	12.30
MRC137	MD7673	9	10	1.15	0.09	21.71	34.67	28.02	0.01	0.01		0.08	0.13	0.64	0.34	0.01				0.22				100.12	12.72
MRC137	MD7674	10	11	1.26	0.08	13.17	39.85	30.92	0.01	0.02		0.06	0.26	0.91	0.47	0.01				0.24				100.09	12.46
MRC137	MD7675	11	12	3.14	0.12	20.29	35.98	25.68	0.04	0.03		0.08	0.32	0.43	0.56	0.03				0.67				100.08	12.18
MRC137	MD7676	12	13	5.92	0.21	36.22	26.96	17.03	0.06	<0.01		0.07	0.21	0.10	0.34	0.05				1.18				99.78	10.77
MRC137	MD7677	13	14	4.93	0.18	44.09	19.89	15.57	0.11	<0.01		0.07	0.28	0.04	0.34	0.08				1.96				99.69	11.17
MRC137	MD7678	14	15	3.38	0.17	45.30	21.25	14.73	0.11	<0.01		0.07	0.26	0.04	0.37	0.07				1.62				99.81	11.49
MRC137	MD7679	15	16	2.96	0.13	54.27	17.28	10.98	0.09	<0.01		0.07	0.33	0.03	0.35	0.07				1.60				100.30	11.25
MRC137	MD7681	16	17	3.22	0.13	54.51	17.29	11.00	0.11	<0.01		0.07	0.32	0.03	0.35	0.06				1.51				100.09	10.53
MRC137	MD7682	17	18	3.98	0.14	51.58	18.54	12.36	0.12	0.01		0.06	0.46	0.03	0.35	0.06				1.76				100.17	9.77
MRC137	MD7683	18	19	4.96	0.15	40.11	22.44	16.54	0.15	0.02		0.07	1.63	0.04	0.55	0.07				2.21				99.91	10.09
MRC137	MD7684	19	20	5.73	0.12	26.47	28.91	16.08	0.19	0.01		0.03	10.25	0.06	1.04	0.08				1.61				100.24	8.91
MRC137	MD7685	20	21	4.95	0.14	31.30	28.89	13.66	0.24	0.02		0.03	10.08	0.05	0.96	0.06				1.64				100.20	7.50
MRC137	MD7686	21	22	4.41	0.13	31.70	27.82	13.64	0.21	0.01		0.02	11.99	0.04	1.05	0.05				1.53				100.56	7.36
MRC137	MD7687	22	23	4.14	0.13	33.37	27.22	13.39	0.17	0.01		0.02	10.80	0.04	1.00	0.05				1.36				100.40	8.08
MRC137	MD7688	23	24	3.97	0.12	31.46	27.20	12.98	0.20	0.13		0.02	13.27	0.05	1.18	0.04				1.14				99.79	7.40
MRC137	MD7689	24	25	3.20	0.11	30.06	30.58	12.54	0.22	0.08		0.03	12.27	0.06	1.11	0.05				1.38				100.20	7.79
MRC137	MD7690	25	26	4.08	0.14	30.40	31.41	12.90	0.25	0.03		0.02	10.18	0.05	1.02	0.08				1.53				100.27	7.43
MRC137	MD7691	26	27	5.18	0.14	31.34	27.29	13.16	0.30	0.02		0.02	12.43	0.05	1.15	0.06				0.91				100.19	7.45
MRC137	MD7692	27	28	5.81	0.17	38.76	25.16	12.80	0.43	0.03		0.07	5.57	0.07	0.82	0.05				0.53				100.25	8.69
MRC137	MD7693	28	29	6.46	0.22	35.69	27.47	15.53	0.19	0.02		0.06	2.62	0.08	0.75	0.03				0.38				100.23	9.52
MRC137	MD7694	29	30	4.03	0.16	40.79	26.08	14.54	0.16	0.02		0.04	1.32	0.07	0.61	0.03				0.24				99.95	10.76
MRC137	MD7695	30	31	3.36	0.14	52.67	19.34	9.65	0.30	0.02		0.03	1.32	0.05	0.48	0.03				0.26				99.44	10.73
MRC137	MD7696	31	32	3.33	0.14	47.19	23.52	11.90	0.21	0.02		0.04	0.84	0.09	0.58	0.03				0.17				99.67	10.49
MRC137	MD7697	32	33	4.23	0.16	44.66	24.36	11.55	0.35	0.03		0.08	2.10	0.23	0.85	0.03				0.21				100.09	9.65
MRC137	MD7698	33	34	4.75	0.15	44.45	23.84	11.29	0.34	0.03		0.05	1.94	0.19	0.79	0.03				0.20				99.68	9.79
MRC137	MD7699	34	35	2.98	0.11	34.33	32.77	9.18	0.39	1.90		0.05	6.98	0.24	1.12	0.03				0.23				99.63	7.52
MRC137	MD7701	35	36	1.88	0.07	25.79	41.73	5.87	0.22	5.62		0.04	11.54	0.31	0.93	0.02				0.23				100.06	4.71

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC137	MD7702	36	37	1.27	0.05	33.49	35.94	5.17	0.31	4.45		0.06	10.63	0.19	0.81	0.02				0.30				99.97	6.09
MRC137	MD7703	37	38	0.77	0.03	33.85	36.76	2.70	0.24	6.47		0.02	11.75	0.07	0.37	0.01				0.39				100.02	5.51
MRC137	MD7704	38	39	1.14	0.04	26.86	41.82	4.08	0.46	6.20		0.02	12.87	0.17	0.76	0.01				0.30				100.25	4.73
MRC137	MD7705	39	40	2.82	0.09	34.12	34.61	7.12	0.56	3.01		0.03	7.53	0.29	1.22	0.02				0.43				99.54	6.59
MRC137	MD7706	40	41	2.82	0.09	24.87	42.30	7.49	0.43	5.66		0.02	8.76	0.37	1.07	0.01				0.46				99.86	4.68
MRC137	MD7707	41	42	1.72	0.05	22.85	43.30	5.23	0.24	6.75		0.05	13.19	0.39	0.98	0.01				0.24				99.64	4.03
MRC137	MD7708	42	43	1.88	0.05	20.41	44.83	5.64	0.22	6.52		0.02	13.37	0.59	0.99	0.02				0.30				99.86	4.23
MRC137	MD7709	43	44	1.67	0.05	19.75	46.46	4.64	0.23	6.46		0.02	14.32	0.40	0.91	0.01				0.31				99.98	3.74
MRC137	MD7710	44	45	1.04	0.04	34.08	36.12	2.97	0.38	5.93		0.01	12.79	0.08	0.36	0.02				0.44				100.53	5.47
MRC137	MD7711	45	46	1.01	0.05	29.59	47.60	2.89	0.58	2.83		0.01	8.43	0.13	0.67	0.02				0.51				100.29	5.26
MRC137	MD7712	46	47	0.96	0.03	18.99	57.81	2.92	0.45	3.69		0.01	9.80	0.11	0.51	0.01				0.45				100.51	4.20
MRC137	MD7713	47	48	1.04	0.03	21.11	54.96	3.17	0.28	3.01		0.02	10.03	0.12	0.65	0.01				0.47				100.27	4.73
MRC138	MD7714	0	1	5.69	0.24	47.85	22.76	12.27	0.10	0.10		0.16	0.26	0.05	0.11	0.01				0.06				99.97	10.24
MRC138	MD7715	1	2	9.17	0.32	28.92	32.38	19.24	0.16	0.03		0.07	0.18	0.06	0.21	0.01				0.03				99.87	8.96
MRC138	MD7716	2	3	6.84	0.24	43.71	24.10	14.21	0.13	0.03		0.18	0.13	0.04	0.15	0.01				0.02				100.31	10.43
MRC138	MD7717	3	4	6.42	0.30	52.43	19.34	10.00	0.14	0.02		0.18	0.12	0.04	0.10	0.01				0.01				99.49	10.27
MRC138	MD7718	4	5	7.71	0.32	44.32	24.69	12.68	0.15	0.01		0.10	0.14	0.05	0.17	0.01				0.01				100.28	9.75
MRC138	MD7719	5	6	8.84	0.33	38.57	28.94	13.43	0.17	0.01		0.11	0.14	0.06	0.20	0.01				0.01				100.27	9.24
MRC138	MD7721	6	7	4.29	0.23	52.53	21.06	9.18	0.07	0.01		0.15	0.16	0.07	0.24	0.02				0.02				99.99	11.68
MRC138	MD7722	7	8	7.84	0.33	36.54	29.77	13.66	0.13	0.01		0.08	0.44	0.17	0.53	0.02				0.01				99.60	9.73
MRC138	MD7723	8	9	7.13	0.31	41.16	26.25	11.34	0.15	0.03		0.09	0.56	0.23	0.57	0.02				0.01				99.51	11.19
MRC138	MD7724	9	10	2.66	0.21	60.25	18.81	5.64	0.08	0.02		0.04	0.47	0.15	0.40	0.02				0.06				99.49	10.13
MRC138	MD7725	10	11	8.73	0.37	31.76	34.05	13.62	0.16	0.03		0.04	0.86	0.14	0.95	0.03				0.04				99.51	8.17
MRC138	MD7726	11	12	8.16	0.28	32.21	35.90	11.65	0.19	0.90		0.03	1.78	0.24	1.01	0.02				0.01				99.68	6.74
MRC138	MD7727	12	13	7.15	0.30	33.64	34.89	8.48	0.23	4.42		0.01	4.99	0.35	0.85	0.02				<0.01				99.51	3.81
MRC138	MD7728	13	14	6.62	0.30	36.19	33.98	9.63	0.23	1.87		0.02	2.69	0.27	0.87	0.02				<0.01				99.41	6.28
MRC138	MD7729	14	15	6.50	0.27	34.17	35.13	8.16	0.24	4.58		0.01	4.97	0.30	0.80	0.02				<0.01				99.59	4.08
MRC138	MD7730	15	16	6.95	0.27	32.42	36.95	9.55	0.21	3.11		0.01	3.71	0.23	0.86	0.02				<0.01				99.93	5.21
MRC138	MD7731	16	17	10.67	0.41	33.47	33.48	11.52	0.22	0.52		0.02	1.21	0.17	0.89	0.02				0.01				99.83	6.72
MRC138	MD7732	17	18	6.08	0.32	49.85	25.89	7.07	0.15	0.27		0.03	0.75	0.13	0.57	0.01				0.06				99.66	7.97
MRC138	MD7733	18	19	7.17	0.28	32.08	36.35	8.14	0.20	4.79		0.02	5.41	0.25	0.89	0.02				<0.01				99.62	3.52
MRC138	MD7734	19	20	6.87	0.28	33.86	35.27	7.65	0.25	4.11		0.01	5.12	0.28	0.85	0.02				<0.01				99.53	4.33
MRC138	MD7735	20	21	6.79	0.28	32.63	35.97	7.84	0.41	4.42		0.01	5.55	0.31	0.89	0.02				<0.01				99.79	4.02
MRC138	MD7736	21	22	6.07	0.25	30.81	36.77	6.90	0.24	7.48		0.01	8.31	0.35	0.86	0.02				<0.01				100.01	1.66
MRC138	MD7737	22	23	6.07	0.26	31.16	36.19	6.71	0.25	7.80		0.01	8.66	0.29	0.86	0.02				<0.01				99.90	1.36
MRC138	MD7738	23	24	6.18	0.25	32.75	35.97	6.78	0.29	6.57		0.01	7.42	0.37	0.87	0.02				<0.01				100.12	2.29
MRC138	MD7739	24	25	4.77	0.22	48.28	25.99	6.94	0.34	1.00		0.03	2.30	0.64	0.68	0.02				<0.01				99.94	7.97
MRC138	MD7741	25	26	6.50	0.28	34.45	34.77	7.07	0.39	5.41		0.01	5.99	0.97	0.76	0.02				<0.01				100.04	3.00
MRC138	MD7742	26	27	8.32	0.36	42.02	28.23	6.45	0.26	5.16		0.04	6.11	0.51	0.84	0.02				<0.01				100.33	1.67
MRC138	MD7743	27	28	8.01	0.36	42.36	28.19	6.96	0.27	4.61		0.02	5.67	0.41	0.84	0.02				<0.01				100.27	2.16
MRC138	MD7744	28	29	6.22	0.27	35.21	33.58	8.84	0.26	4.13		0.01	5.43	0.79	0.94	0.02				0.02				100.09	3.91
MRC138	MD7745	29	30	8.58	0.36	44.85	25.61	7.41	0.35	1.39		0.01	4.94	0.85	0.88	0.02				0.04				99.71	3.97
MRC139	MD7746	0	1	2.74	0.16	39.90	31.31	15.65	0.06	0.12		0.10	0.21	0.07	0.12	0.01				0.16				100.02	9.34
MRC139	MD7747	1	2	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
MRC139	MD7748	2	3	3.51	0.14	40.69	25.46	17.96	0.09	0.04		0.14	0.13	0.02	0.16	0.01				0.57				99.64	10.52
MRC139	MD7749	3	4	3.53	0.14	36.65	26.82	20.22	0.07	<0.01		0.11	0.07	0.01	0.17	0.01				0.83				99.92	11.01
MRC139	MD7750	4	5	4.75	0.14	20.82	41.20	21.47	0.05	<0.01		0.07	0.05	0.02	0.17	0.01				0.48				99.47	10.02
MRC139	MD7751	5	6	1.75	0.09	15.81	47.04	24.50	0.02	<0.01		0.05	0.07	0.25	0.20	<0.01				0.25				100.22	10.02
MRC139	MD7752	6	7	0.55	0.03	36.53	50.22	7.06	0.02	0.03		0.06	0.09	0.07	0.09	0.01				0.13				99.99	5.00
MRC139	MD7753	7	8	0.14	0.01	37.13	51.88	5.10	<0.01	<0.01		0.07	0.03	0.05	0.06	0.01				0.11				99.66	4.94
MRC139	MD7754	8	9	0.09	0.01	27.98	64.79	3.57	<0.01	0.01		0.06	0.05	0.02	0.05	<0.01				0.06				100.14	3.38
MRC139	MD7755	9	10	0.09	0.01	39.07	50.90	4.94	<0.01	0.01		0.06	0.05	0.05	0.07	<0.01				0.09				100.02	4.60
MRC139	MD7756	10	11	0.48	0.04	38.48	37.13	15.08	<0.01	<0.01		0.07	0.07	0.13	0.12	0.01				0.12				100.28	8.43
MRC139	MD7757	11	12	0.86	0.08	20.33	36.41	28.38	<0.01	<0.01		0.07	0.07	0.23	0.27	<0.01				0.11				99.42	12.34
MRC139	MD7758	12	13	0.74	0.07	33.51	30.69	21.62	0.01	0.02		0.12	0.09	0.16	0.22	0.01				0.23				100.14	12.46
MRC139	MD7759	13	14	1.10	0.09	13.19	39.01	32.49	<0.01	<0.01		0.06	0.09	0.21	0.32	<0.01				0.13				100.48	13.55
MRC139	MD7761	14	15	1.16	0.09	11.74	39.49	33.12	<0.01	<0.01		0.06	0.08	0.23	0.32	<0.01				0.10				100.04	13.35
MRC139	MD7762	15	16	0.75	0.09	37.20	26.78	21.17	0.02	0.02		0.13	0.08	0.46	0.21	0.02				0.13				100.02	12.77
MRC139	MD7763	16	17	0.73	0.06	42.47	23.23	18.88	0.02	0.03		0.14	0.19	0.48	0.24	0.02				0.12				99.68	12.88
MRC139	MD7764	17	18	0.79	0.07	40.27	24.73	20.72	0.05	0.02		0.13	0.16	0.61	0.25	0.01				0.11				100.10	12.00
MRC139	MD7765	18	19	0.91	0.09	41.10	24.38	19.91	0.02	0.01		0.17	0.09	0.20	0.26	0.02				0.11				100.19	12.71
MRC139	MD7766	19	20	1.99	0.07	58.39	14.45	12.50	0.06	<0.01		0.16	0.08	0.04	0.20	0.02				0.29				99.87	11.34

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC139	MD7767	20	21	2.55	0.09	63.66	11.56	10.23	0.08	<0.01		0.16	0.07	0.02	0.17	0.02				0.54				99.56	10.12
MRC139	MD7768	21	22	3.70	0.13	53.02	16.82	14.60	0.12	<0.01		0.14	0.15	0.02	0.29	0.03				0.52				100.23	10.18
MRC139	MD7769	22	23	5.30	0.15	44.41	20.41	17.28	0.15	0.04		0.12	0.29	0.02	0.39	0.02				0.48				99.75	10.16
MRC139	MD7770	23	24	4.54	0.14	50.76	17.71	14.76	0.14	0.03		0.13	0.26	0.03	0.39	0.02				0.50				99.85	9.94
MRC139	MD7771	24	25	3.74	0.13	53.80	16.46	13.86	0.10	0.02		0.12	0.20	0.03	0.28	0.03				0.63				100.03	10.18
MRC139	MD7772	25	26	2.48	0.14	59.94	13.77	10.63	0.08	0.04		0.12	0.19	0.02	0.23	0.02				0.73				99.95	11.09
MRC139	MD7773	26	27	3.66	0.13	52.89	17.06	13.05	0.11	0.02		0.09	0.17	0.02	0.27	0.02				0.95				99.93	10.99
MRC139	MD7774	27	28	4.84	0.22	49.68	18.47	14.98	0.06	0.01		0.07	0.12	0.02	0.29	0.02				0.61				100.03	10.24
MRC139	MD7775	28	29	6.62	0.28	38.08	22.97	18.63	0.04	0.02		0.07	0.09	0.02	0.27	0.02				0.51				99.74	11.72
MRC139	MD7776	29	30	3.94	0.15	48.73	18.17	15.31	0.09	<0.01		0.08	0.10	0.02	0.29	0.02				0.40				99.44	11.45
MRC139	MD7777	30	31	3.59	0.13	52.05	16.96	13.58	0.06	0.01		0.06	0.12	0.02	0.21	0.03				0.44				99.77	12.06
MRC139	MD7778	31	32	8.62	0.19	19.10	31.94	25.99	0.08	0.02		0.06	0.27	0.04	0.54	0.05				0.88				100.29	11.83
MRC139	MD7779	32	33	5.13	0.17	54.13	15.82	12.48	0.13	0.01		0.07	0.20	0.02	0.34	0.02				0.33				99.80	10.03
MRC139	MD7781	33	34	4.48	0.15	49.28	19.80	13.44	0.22	<0.01		0.08	0.19	0.03	0.42	0.02				0.37				99.90	10.37
MRC139	MD7782	34	35	3.31	0.11	52.94	19.47	10.75	0.46	0.02		0.07	0.35	0.05	0.37	0.02				0.43				99.73	10.03
MRC139	MD7783	35	36	2.94	0.11	50.01	23.61	8.60	0.37	0.17		0.07	2.02	0.09	0.73	0.03				0.59				99.91	8.89
MRC139	MD7784	36	37	2.61	0.07	32.15	36.82	8.17	0.26	1.78		0.05	6.99	0.38	1.23	0.04				0.38				100.02	7.14
MRC139	MD7785	37	38	2.14	0.06	29.95	39.96	6.86	0.21	2.50		0.04	8.02	0.47	1.13	0.03				0.27				99.63	6.43
MRC139	MD7786	38	39	1.97	0.05	24.65	46.89	6.24	0.27	2.45		0.02	8.03	0.51	1.28	0.03				0.26				99.50	5.49
MRC139	MD7787	39	40	2.11	0.06	42.35	29.35	5.87	0.68	1.33		0.03	7.13	0.34	1.31	0.03				0.36				99.77	7.76
MRC139	MD7788	40	41	2.07	0.05	39.37	31.68	5.76	0.37	1.80		0.04	9.03	0.23	1.21	0.03				0.39				99.47	6.46
MRC139	MD7789	41	42	1.50	0.05	38.78	33.05	4.36	0.27	3.05		0.04	9.76	0.10	0.69	0.02				0.65				100.08	6.66
MRC139	MD7790	42	43	1.42	0.05	38.30	31.40	4.27	0.48	3.23		0.03	10.40	0.11	0.70	0.02				0.62				99.67	7.36
MRC139	MD7791	43	44	1.21	0.04	33.08	36.96	3.78	0.41	3.86		0.02	11.73	0.07	0.60	0.02				0.57				99.51	6.24
MRC139	MD7792	44	45	1.53	0.04	34.04	33.90	4.43	0.41	3.98		0.02	12.75	0.08	0.71	0.02				0.55				99.88	6.51
MRC139	MD7793	45	46	2.36	0.05	25.98	39.68	5.45	0.33	2.75		0.02	14.84	0.09	0.97	0.02				0.61				99.64	5.79
MRC139	MD7794	46	47	1.65	0.05	29.02	40.04	3.69	0.43	3.97		0.02	13.02	0.09	0.73	0.02				0.69				99.75	5.54
MRC139	MD7795	47	48	1.51	0.06	32.68	38.38	3.53	0.33	3.51		0.02	11.41	0.10	0.73	0.02				0.63				100.01	6.23
MRC139	MD7796	48	49	1.29	0.05	30.33	40.99	3.43	0.19	4.30		0.04	11.50	0.08	0.51	0.02				0.53				99.83	5.68
MRC139	MD7797	49	50	1.29	0.04	23.94	43.29	3.84	0.24	4.23		0.03	16.23	0.05	0.42	0.02				0.46				99.60	4.90
MRC139	MD7798	50	51	1.18	0.04	22.58	45.45	4.12	0.31	4.23		0.02	15.18	0.09	0.71	0.02				0.48				99.87	4.79
MRC139	MD7799	51	52	1.28	0.04	22.80	47.89	3.89	0.34	3.56		0.02	13.60	0.11	0.87	0.02				0.52				100.52	4.97
MRC139	MD7801	52	53	1.16	0.03	21.51	49.79	3.78	0.19	3.01		0.02	12.87	0.12	0.85	0.01				0.46				99.42	5.13
MRC139	MD7802	53	54	1.67	0.04	20.65	44.60	5.49	0.25	3.11		0.02	16.89	0.07	0.59	0.01				0.44				99.86	5.43
MRC139	MD7803	54	55	0.85	0.03	18.92	60.72	2.41	0.39	1.79		0.03	8.57	0.10	0.63	0.01				0.35				99.85	4.49
MRC139	MD7804	55	56	0.86	0.02	19.95	58.14	2.51	0.42	2.33		0.03	9.80	0.10	0.64	0.01				0.39				100.35	4.56
MRC139	MD7805	56	57	1.00	0.03	21.43	50.01	3.52	0.33	3.20		0.03	13.18	0.09	0.65	0.01				0.47				99.75	5.23
MRC139	MD7806	57	58	0.99	0.03	18.58	42.79	2.77	0.25	7.25		0.03	14.40	0.09	0.65	0.01				0.44				99.84	11.03
MRC139	MD7807	58	59	0.88	0.02	16.24	39.71	2.39	0.23	9.28		0.03	15.16	0.09	0.63	0.01				0.39				99.90	14.35
MRC139	MD7808	59	60	0.80	0.02	15.16	35.43	2.40	0.19	7.25		0.02	19.37	0.08	0.55	0.01				0.38				99.94	17.84
MRC139	MD7809	60	61	0.75	0.02	14.70	33.76	2.09	0.17	5.63		0.02	21.44	0.09	0.55	0.01				0.38				99.75	19.74
MRC139	MD7810	61	62	0.64	0.01	13.29	33.15	1.77	0.16	7.09		0.02	21.20	0.07	0.43	0.01				0.33				100.07	21.52
MRC139	MD7811	62	63	0.71	0.01	13.17	31.42	2.06	0.16	5.56		0.02	23.77	0.05	0.32	0.01				0.33				99.86	21.86
MRC139	MD7812	63	64	0.84	0.02	15.88	35.94	2.28	0.20	4.11		0.02	25.01	0.09	0.31	0.01				0.41				99.62	14.12
MRC139	MD7813	64	65	0.84	0.02	16.24	36.64	2.50	0.20	3.29		0.03	28.15	0.06	0.19	0.01				0.41				99.99	11.05
MRC139	MD7814	65	66	0.86	0.02	16.47	38.25	2.50	0.21	3.07		0.03	28.98	0.05	0.15	0.01				0.41				100.14	8.77
MRC139	MD7815	66	67	0.89	0.02	16.83	37.79	2.64	0.20	2.56		0.04	29.49	0.03	0.13	0.01				0.42				99.73	8.33
MRC139	MD7816	67	68	0.92	0.02	17.05	37.73	2.72	0.20	2.93		0.04	29.30	0.03	0.12	0.01				0.45				100.21	8.32
MRC139	MD7817	68	69	0.89	0.02	16.77	37.65	2.61	0.20	3.07		0.04	29.29	0.03	0.12	0.01				0.44				99.90	8.40
MRC139	MD7818	69	70	0.88	0.02	16.88	39.35	2.83	0.21	3.22		0.03	28.35	0.02	0.12	0.01				0.43				100.48	7.76
MRC139	MD7819	70	71	0.89	0.02	16.91	37.79	2.56	0.21	3.26		0.08	29.54	0.02	0.10	0.01				0.41				100.19	8.06
MRC139	MD7821	71	72	0.86	0.02	16.25	38.69	2.55	0.19	3.70		0.06	28.35	0.01	0.07	0.01				0.40				99.85	8.38
MRC140	MD7633	0	1	8.80	0.35	35.73	31.65	14.97	0.16	0.11		0.06	0.25	0.04	0.07	0.01				0.01				99.99	7.71
MRC140	MD7634	1	2	7.19	0.32	40.97	27.39	14.10	0.15	0.04		0.11	0.16	0.03	0.10	0.02				0.02				99.87	9.17
MRC140	MD7635	2	3	6.86	0.28	38.29	28.27	16.63	0.14	0.02		0.07	0.15	0.02	0.13	0.01				0.25				100.09	8.77
MRC140	MD7636	3	4	7.84	0.36	43.81	24.18	14.82	0.25	0.01		0.06	0.29	0.02	0.13	0.01				0.23				99.89	7.62
MRC140	MD7637	4	5	6.98	0.30	37.13	28.66	16.50	0.17	0.02		0.06	0.33	0.10	0.32	0.02				0.24				99.85	8.69
MRC140	MD7638	5	6	12.36	0.54	41.53	25.54	12.97	0.24	0.03		0.04	0.42	0.07	0.42	0.04				0.04				100.13	5.53
MRC140	MD7639	6	7	11.83	0.52	46.24	22.70	11.90	0.26	0.03		0.04	0.46	0.06	0.42	0.03				0.03				100.24	5.36
MRC140	MD7640	7	8	8.93	0.41	48.96	22.23	10.39	0.21	0.03		0.08	0.50	0.09	0.47	0.03				0.02				99.92	6.95
MRC140	MD7641	8	9	8.07	0.35	47.69	23.27	10.26	0.20	0.02		0.09	0.59	0.13	0.51	0.03				0.01				99.82	7.87
MRC140	MD7642	9	10	5.63	0.17	32.27	35.57	10.94	0.19	2.95		0.04	4.07	1.07	0.75	0.03				<0.01				100.05	5.79

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC140	MD7643	10	11	4.24	0.12	37.98	31.27	8.56	0.21	1.83		0.06	6.03	0.78	0.86	0.04				0.14				99.71	6.99
MRC140	MD7644	11	12	2.68	0.06	22.32	42.66	6.75	0.20	5.73		0.02	13.35	0.20	0.88	0.03				0.25				99.72	4.24
MRC140	MD7645	12	13	2.48	0.07	24.72	41.09	4.58	0.24	6.58		0.01	14.56	0.07	0.52	0.02				0.27				100.01	4.44
MRC140	MD7646	13	14	2.33	0.06	24.11	41.39	4.30	0.26	6.91		0.01	15.31	0.05	0.50	0.02				0.26				99.92	4.04
MRC140	MD7647	14	15	2.41	0.06	24.71	41.30	4.70	0.20	6.36		0.01	14.75	0.07	0.55	0.02				0.28				100.02	4.23
MRC140	MD7648	15	16	2.34	0.06	21.96	43.09	4.72	0.22	6.87		0.00	16.15	0.08	0.57	0.01				0.28				100.52	3.83
MRC140	MD7649	16	17	2.37	0.06	24.71	41.41	4.63	0.32	6.23		0.01	14.91	0.08	0.64	0.02				0.28				100.20	4.14
MRC140	MD7650	17	18	2.43	0.06	26.35	39.20	4.79	0.26	6.12		0.01	14.93	0.08	0.75	0.02				0.29				100.00	4.31
MRC140	MD7651	18	19	2.46	0.06	22.43	44.08	5.15	0.17	5.70		0.01	14.68	0.12	1.07	0.01				0.27				100.36	3.77
MRC140	MD7652	19	20	2.43	0.06	21.32	44.11	5.33	0.21	6.31		0.00	15.23	0.11	0.87	0.01				0.26				100.17	3.56
MRC140	MD7653	20	21	2.42	0.06	21.12	44.11	5.10	0.21	7.02		0.00	15.62	0.09	0.63	0.02				0.26				100.42	3.41
MRC140	MD7654	21	22	2.41	0.06	21.65	43.24	5.04	0.20	7.09		0.00	15.40	0.08	0.54	0.01				0.26				99.97	3.68
MRC140	MD7655	22	23	3.71	0.14	26.84	40.92	5.61	0.22	5.10		0.01	12.16	0.18	0.83	0.02				0.21				100.06	3.80
MRC140	MD7656	23	24	5.39	0.24	33.42	34.02	8.93	0.25	3.32		0.01	8.34	0.65	0.95	0.02				0.06				100.04	4.03
MRC140	MD7657	24	25	8.96	0.45	50.67	22.35	5.01	0.32	2.43		0.01	6.27	0.16	0.67	0.02				0.02				100.20	2.53
MRC140	MD7658	25	26	8.71	0.43	49.37	23.71	4.80	0.33	2.75		0.01	6.50	0.19	0.65	0.02				0.01				100.23	2.41
MRC140	MD7659	26	27	9.41	0.47	50.78	21.80	4.56	0.31	2.81		0.01	6.37	0.14	0.55	0.03				<0.01				99.63	2.10
MRC140	MD7661	27	28	10.07	0.50	50.44	21.36	4.53	0.30	2.89		0.01	6.84	0.11	0.42	0.02				0.01				99.60	1.81
MRC140	MD7662	28	29	9.48	0.47	48.56	23.48	4.66	0.30	3.06		0.01	7.19	0.14	0.51	0.02				0.01				100.35	2.15
MRC140	MD7663	29	30	8.54	0.42	46.39	25.78	4.47	0.27	3.52		0.00	7.77	0.20	0.47	0.02				0.05				100.44	2.25
MRC141	MD7822	0	1	7.12	0.45	39.41	24.74	15.90	0.12	1.76		0.06	1.17	0.24	0.43	0.01				0.09				100.21	8.47
MRC141	MD7823	1	2	2.25	0.14	51.82	21.04	12.14	0.09	0.06		0.20	0.38	0.09	0.26	0.01				0.31				100.25	11.33
MRC141	MD7824	2	3	2.97	0.10	39.80	29.62	15.86	0.13	0.03		0.15	0.15	0.05	0.23	0.01				0.26				100.16	10.63
MRC141	MD7825	3	4	2.35	0.08	50.76	21.78	13.23	0.11	0.01		0.18	0.12	0.03	0.19	0.01				0.33				100.10	10.77
MRC141	MD7826	4	5	3.05	0.34	57.65	16.54	11.65	0.10	0.01		0.18	0.10	0.02	0.18	0.01				0.40				100.47	10.01
MRC141	MD7827	5	6	2.97	0.86	56.96	15.80	12.10	0.07	<0.01		0.15	0.11	0.01	0.15	0.02				0.57				100.19	10.18
MRC141	MD7828	6	7	7.12	0.73	35.20	23.12	19.69	0.05	0.03		0.12	0.23	0.02	0.22	0.02				1.68				100.18	11.55
MRC141	MD7829	7	8	19.24	0.42	22.67	24.93	20.94	0.12	<0.01		0.10	0.11	0.01	0.32	0.03				0.37				100.14	10.38
MRC141	MD7830	8	9	20.40	0.56	28.97	22.20	18.67	0.19	<0.01		0.06	0.12	0.01	0.26	0.03				0.14				100.49	8.46
MRC141	MD7831	9	10	11.85	0.70	30.20	25.54	21.46	0.12	<0.01		0.07	0.11	0.03	0.30	0.02				0.21				100.25	9.19
MRC141	MD7832	10	11	12.97	0.60	33.31	23.68	20.00	0.14	0.01		0.07	0.18	0.02	0.38	0.02				0.26				100.35	8.16
MRC141	MD7833	11	12	12.40	0.71	33.84	23.45	19.72	0.14	0.03		0.07	0.26	0.02	0.43	0.02				0.25				100.06	8.14
MRC141	MD7834	12	13	11.95	0.76	48.40	16.74	13.97	0.15	0.01		0.08	0.17	0.02	0.29	0.03				0.16				99.91	6.70
MRC141	MD7835	13	14	11.59	0.59	51.99	15.51	12.78	0.19	0.01		0.10	0.18	0.01	0.29	0.02				0.13				100.37	6.52
MRC141	MD7836	14	15	9.87	0.48	59.97	13.02	9.41	0.25	0.01		0.10	0.20	0.01	0.23	0.03				0.13				100.41	6.20
MRC141	MD7837	15	16	7.12	0.32	53.87	18.74	9.57	0.26	0.02		0.10	0.81	0.15	0.44	0.03				0.21				99.73	7.26
MRC141	MD7838	16	17	2.61	0.11	55.47	18.37	8.42	1.40	0.02		0.08	2.27	0.71	0.57	0.04				0.13				99.77	8.38
MRC141	MD7839	17	18	3.57	0.10	37.76	31.60	9.12	0.46	0.89		0.05	5.41	0.72	1.14	0.03				0.18				99.79	7.28
MRC141	MD7841	18	19	2.54	0.06	35.39	33.23	6.79	0.56	2.48		0.03	8.72	0.53	0.97	0.03				0.16				99.79	6.78
MRC141	MD7842	19	20	2.25	0.06	36.83	31.73	5.77	0.86	3.21		0.02	9.22	0.35	0.87	0.03				0.14				99.49	7.01
MRC141	MD7843	20	21	1.74	0.05	38.54	31.46	4.69	0.96	3.82		0.02	10.04	0.26	0.84	0.03				0.12				99.82	6.43
MRC141	MD7844	21	22	1.27	0.03	39.30	31.64	3.80	0.68	4.49		0.02	10.63	0.21	0.66	0.02				0.14				99.85	6.38
MRC141	MD7845	22	23	1.56	0.04	25.94	44.53	4.73	0.34	4.12		0.02	11.88	0.43	1.05	0.01				0.14				100.06	4.61
MRC141	MD7846	23	24	1.42	0.04	31.31	38.10	4.76	0.41	4.19		0.03	12.20	0.38	1.11	0.01				0.18				99.67	4.83
MRC141	MD7847	24	25	1.54	0.04	31.74	36.29	4.81	0.51	4.36		0.04	11.24	0.32	0.84	0.02				0.15				99.84	7.29
MRC141	MD7848	25	26	1.34	0.04	20.99	44.98	4.38	0.28	7.47		0.02	14.93	0.48	0.71	0.01				0.21				100.07	3.86
MRC141	MD7849	26	27	1.38	0.04	21.34	45.79	4.84	0.27	6.16		0.01	13.76	0.78	0.86	0.01				0.22				99.89	3.95
MRC141	MD7850	27	28	1.46	0.04	21.93	44.62	4.03	0.34	6.89		0.01	15.19	0.63	0.77	0.01				0.28				100.14	3.60
MRC141	MD7851	28	29	1.40	0.04	22.94	44.19	3.65	0.43	6.10		0.01	15.25	0.55	0.86	0.01				0.23				99.69	3.62
MRC141	MD7852	29	30	1.97	0.06	24.82	42.76	5.89	0.28	3.54		0.02	13.24	0.96	1.30	0.01				0.35				99.78	4.17
MRC141	MD7853	30	31	1.52	0.04	24.26	45.45	4.84	0.23	2.94		0.03	12.50	0.37	1.14	0.01				0.29				99.54	5.32
MRC141	MD7854	31	32	0.93	0.02	18.34	54.90	2.54	0.25	3.24		0.01	13.59	0.11	0.62	0.01				0.21				99.77	4.47
MRC141	MD7855	32	33	1.27	0.04	23.90	50.03	2.72	0.30	4.04		0.02	10.95	0.10	0.56	0.01				0.39				100.14	5.15
MRC141	MD7856	33	34	1.35	0.04	22.96	49.83	2.71	0.25	3.97		0.02	12.03	0.08	0.49	0.01				0.40				99.76	4.84
MRC141	MD7857	34	35	1.18	0.04	18.13	53.32	2.63	0.20	2.65		0.02	15.99	0.06	0.36	0.01				0.35				99.68	4.15
MRC141	MD7858	35	36	1.25	0.04	18.58	50.13	2.97	0.20	4.53		0.02	15.23	0.06	0.35	0.01				0.39				100.07	5.69
MRC141	MD7859	36	37	1.28	0.03	16.30	35.07	3.63	0.18	10.16		0.03	16.54	0.08	0.41	0.01				0.29				99.58	14.99
MRC141	MD7861	37	38	1.25	0.03	15.88	34.71	3.53	0.20	9.21		0.02	18.58	0.06	0.33	0.01				0.33				99.85	15.22
MRC141	MD7862	38	39	1.05	0.03	14.97	35.42	3.03	0.18	7.30		0.02	21.06	0.06	0.33	0.01				0.30				100.02	15.77
MRC141	MD7863	39	40	0.92	0.02	16.10	33.40	2.62	0.21	5.34		0.02	21.78	0.08	0.42	0.01				0.35				99.41	17.71
MRC141	MD7864	40	41	0.94	0.02	15.24	34.38	2.45	0.21	4.71		0.02	22.37	0.07	0.38	0.01				0.32				99.84	18.29
MRC141	MD7865	41	42	0.85	0.02	15.16	37.35	2.55	0.20	4.23		0.02	22.50	0.06	0.32	0.01				0.31				99.72	15.70

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC141	MD7866	42	43	0.96	0.02	16.44	35.65	2.59	0.19	3.52		0.03	21.63	0.06	0.33	0.01				0.32				99.78	17.66
MRC141	MD7867	43	44	0.90	0.02	15.10	34.45	2.05	0.19	3.45		0.02	22.47	0.05	0.28	0.01				0.31				99.77	20.12
MRC141	MD7868	44	45	0.90	0.02	15.79	33.91	1.99	0.22	3.54		0.02	22.38	0.06	0.32	0.01				0.32				99.68	19.80
MRC141	MD7869	45	46	0.93	0.02	16.25	38.73	2.13	0.20	3.68		0.02	20.70	0.05	0.28	0.01				0.33				99.86	16.15
MRC141	MD7870	46	47	0.87	0.02	15.28	38.32	1.82	0.18	4.99		0.02	22.14	0.06	0.28	0.01				0.32				99.81	15.15
MRC141	MD7871	47	48	0.97	0.03	17.80	38.27	1.90	0.24	4.14		0.02	20.31	0.07	0.32	0.01				0.37				100.08	15.21
MRC141	MD7872	48	49	0.75	0.02	15.17	37.82	1.51	0.18	3.67		0.02	21.32	0.05	0.25	0.01				0.30				99.97	18.52
MRC141	MD7873	49	50	0.74	0.02	14.15	36.36	1.61	0.18	3.44		0.02	22.48	0.04	0.23	0.01				0.27				99.46	19.54
MRC141	MD7874	50	51	0.83	0.02	16.37	39.13	1.95	0.19	3.67		0.02	21.80	0.06	0.31	0.01				0.35				99.78	14.63
MRC141	MD7875	51	52	0.66	0.02	12.06	33.78	1.55	0.17	5.11		0.01	24.91	0.05	0.25	0.01				0.25				99.76	20.59
MRC141	MD7876	52	53	0.67	0.02	14.88	35.77	1.64	0.21	3.87		0.02	24.06	0.06	0.29	0.01				0.33				99.50	17.30
MRC141	MD7877	53	54	0.67	0.02	15.92	36.81	1.61	0.20	3.68		0.02	24.19	0.12	0.29	0.01				0.36				99.64	15.36
MRC141	MD7878	54	55	0.60	0.02	13.81	38.51	2.09	0.20	3.98		0.02	23.93	0.06	0.23	0.01				0.31				99.99	15.89
MRC141	MD7879	55	56	0.72	0.02	16.76	37.17	1.96	0.21	3.69		0.05	26.97	0.06	0.19	0.01				0.40				99.74	11.20
MRC141	MD7881	56	57	0.77	0.02	17.06	37.77	2.16	0.21	3.98		0.08	28.03	0.04	0.13	0.01				0.40				99.93	8.97
MRC141	MD7882	57	58	0.82	0.02	16.91	37.29	2.59	0.22	4.43		0.11	28.03	0.03	0.10	0.01				0.39				99.86	8.62
MRC141	MD7883	58	59	0.77	0.02	16.90	37.67	2.35	0.20	3.81		0.09	28.45	0.02	0.11	0.01				0.40				100.04	8.92
MRC141	MD7884	59	60	0.78	0.02	17.73	37.35	2.47	0.22	2.98		0.07	29.08	0.02	0.11	0.01				0.41				99.94	8.36
MRC141	MD7885	60	61	0.76	0.02	17.16	38.75	3.41	0.20	3.57		0.09	27.94	0.02	0.11	0.01				0.38				100.55	7.82
MRC141	MD7886	61	62	0.75	0.02	18.27	38.42	2.30	0.23	2.73		0.09	29.33	0.02	0.09	0.01				0.41				99.91	6.95
MRC141	MD7887	62	63	0.76	0.02	18.21	37.92	2.63	0.22	2.71		0.06	27.80	0.03	0.15	0.01				0.41				99.91	8.63
MRC141	MD7888	63	64	0.66	0.02	15.04	36.50	2.23	0.18	2.86		0.02	22.97	0.02	0.13	0.01				0.32				99.86	18.58
MRC141	MD7889	64	65	0.98	0.02	16.63	37.44	2.43	0.20	3.20		0.03	24.94	0.03	0.15	0.01				0.38				99.75	12.96
MRC141	MD7890	65	66	1.10	0.03	15.74	38.56	2.95	0.19	4.48		0.05	26.55	0.02	0.11	0.01				0.36				99.93	9.37
MRC141	MD7891	66	67	0.80	0.02	17.01	40.92	2.04	0.20	3.60		0.08	27.81	0.01	0.09	0.01				0.42				100.14	6.80
MRC141	MD7892	67	68	0.71	0.02	16.26	38.90	2.19	0.20	3.29		0.06	27.41	0.02	0.11	0.01				0.40				100.26	10.33
MRC141	MD7893	68	69	0.64	0.02	14.65	38.19	2.11	0.19	5.56		0.07	26.18	0.02	0.12	0.01				0.36				99.75	11.36
MRC141	MD7894	69	70	0.70	0.02	17.11	39.86	1.65	0.23	3.87		0.12	29.35	<0.01	0.07	0.01				0.42				100.33	6.66
MRC141	MD7895	70	71	0.73	0.02	17.08	39.16	2.14	0.22	3.61		0.13	29.12	0.01	0.07	0.01				0.40				99.96	7.02
MRC141	MD7896	71	72	0.70	0.02	17.50	39.81	1.94	0.22	3.28		0.14	29.15	<0.01	0.07	0.01				0.42				100.00	6.49
MRC142	MD7897	0	1	4.09	0.15	44.39	27.32	13.52	0.17	0.08		0.07	0.33	0.04	0.05	0.01				0.43				99.88	9.06
MRC142	MD7898	1	2	4.62	0.14	46.28	28.25	10.95	0.23	0.03		0.07	0.31	0.04	0.12	0.01				0.37				99.96	8.28
MRC142	MD7899	2	3	4.98	0.16	40.75	30.32	13.94	0.21	0.02		0.06	0.32	0.05	0.21	0.01				0.40				100.25	8.48
MRC142	MD7901	3	4	8.64	0.37	45.50	25.91	11.23	0.20	0.03		0.05	0.53	0.09	0.31	0.02				0.10				100.01	6.77
MRC142	MD7902	4	5	9.10	0.40	48.90	24.20	9.27	0.22	0.02		0.05	0.45	0.09	0.28	0.02				0.06				99.55	6.24
MRC142	MD7903	5	6	8.45	0.38	41.75	31.03	10.18	0.19	0.01		0.02	0.61	0.30	0.43	0.02				0.02				99.83	6.14
MRC142	MD7904	6	7	9.75	0.46	48.57	26.84	7.28	0.23	0.02		0.02	0.86	0.26	0.47	0.02				0.01				100.04	4.94
MRC142	MD7905	7	8	9.43	0.46	51.60	24.80	5.87	0.24	0.07		0.03	0.94	0.30	0.48	0.02				<0.01				99.87	5.30
MRC142	MD7906	8	9	8.80	0.34	41.74	31.94	7.44	0.20	0.04		0.02	1.13	0.71	0.60	0.02				0.01				99.47	6.10
MRC142	MD7907	9	10	8.92	0.38	40.97	33.01	7.25	0.19	0.01		0.03	1.33	0.97	0.57	0.02				0.01				99.68	5.66
MRC142	MD7908	10	11	8.42	0.38	43.52	30.67	7.16	0.17	0.01		0.03	1.80	1.15	0.62	0.02				0.01				99.87	5.57
MRC142	MD7909	11	12	7.96	0.35	38.36	34.74	7.41	0.17	0.90		0.02	3.52	1.39	0.70	0.03				0.01				100.00	4.10
MRC142	MD7910	12	13	7.91	0.34	37.89	33.10	9.18	0.22	1.36		0.02	3.39	0.60	0.84	0.02				0.02				99.85	4.58
MRC142	MD7911	13	14	3.04	0.12	35.87	35.52	3.90	0.26	5.00		0.01	10.08	0.11	0.46	0.02				0.30				99.79	4.68
MRC142	MD7912	14	15	2.60	0.08	34.66	37.38	3.24	0.27	5.23		0.01	10.57	0.11	0.47	0.02				0.43				100.04	4.49
MRC142	MD7913	15	16	2.28	0.08	32.36	39.05	4.01	0.23	4.94		0.01	11.03	0.09	0.49	0.02				0.34				99.91	4.61
MRC142	MD7914	16	17	2.08	0.07	34.55	37.31	3.58	0.34	5.09		0.01	10.92	0.09	0.47	0.02				0.37				100.15	4.81
MRC142	MD7915	17	18	2.39	0.08	32.49	38.73	3.10	0.21	5.88		0.01	11.54	0.09	0.43	0.01				0.44				99.85	4.03
MRC142	MD7916	18	19	2.15	0.07	27.28	45.86	2.88	0.35	4.83		0.01	11.12	0.08	0.43	0.02				0.37				100.03	4.07
MRC142	MD7917	19	20	1.87	0.06	26.75	44.76	2.90	0.26	5.60		0.01	12.41	0.09	0.51	0.02				0.41				100.17	4.02
MRC142	MD7918	20	21	1.89	0.06	22.98	46.67	3.16	0.26	5.82		0.01	13.83	0.12	0.65	0.01				0.36				99.88	3.64
MRC142	MD7919	21	22	1.94	0.06	22.91	47.47	3.06	0.26	5.73		0.01	13.17	0.12	0.62	0.01				0.35				99.75	3.63
MRC142	MD7921	22	23	2.11	0.07	26.33	43.92	3.05	0.42	5.83		0.01	12.92	0.12	0.54	0.01				0.36				100.18	4.00
MRC142	MD7922	23	24	2.24	0.07	23.88	46.33	2.97	0.29	6.23		0.01	13.14	0.12	0.52	0.01				0.35				100.11	3.53
MRC142	MD7923	24	25	2.17	0.07	23.24	45.10	3.37	0.32	6.43		0.01	14.20	0.09	0.47	0.01				0.32				99.93	3.76
MRC142	MD7924	25	26	2.17	0.07	22.00	45.70	3.19	0.41	6.76		0.00	15.55	0.08	0.41	0.01				0.29				100.35	3.39
MRC142	MD7925	26	27	2.82	0.09	27.59	41.99	3.31	0.42	5.98		0.01	12.66	0.10	0.49	0.01				0.32				100.06	3.86
MRC142	MD7926	27	28	4.02	0.10	28.82	38.32	4.09	0.28	6.13		0.01	13.76	0.07	0.39	0.01				0.22				100.23	3.70
MRC142	MD7927	28	29	0.94	0.06	17.35	46.36	10.92	0.29	7.85		0.00	10.99	0.21	1.60	0.01				0.13				100.13	3.16
MRC142	MD7928	29	30	0.60	0.05	13.07	49.54	13.37	0.18	9.08		<0.01	9.50	0.21	2.50	0.01				0.10				100.32	1.93
MRC142	MD7929	30	31	2.26	0.10	20.59	46.81	8.17	0.24	5.91		0.01	10.15	0.47	1.17	0.01				0.21				99.86	3.44
MRC142	MD7930	31	32	2.18	0.08	25.03	43.14	4.87	0.34	5.95		0.00	13.06	0.16	0.71	0.01				0.26				100.19	4.08

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
MRC142	MD7931	32	33	3.30	0.15	28.81	40.67	4.85	0.27	5.20		0.01	12.02	0.12	0.83	0.01				0.18				100.26	3.51
MRC142	MD7932	33	34	1.68	0.07	24.38	45.41	4.19	0.29	5.45		0.00	13.77	0.08	0.51	0.01				0.13				100.21	3.89
MRC142	MD7933	34	35	10.48	0.59	59.03	16.30	3.53	0.35	1.57		0.01	5.75	0.04	0.29	0.02				0.09				100.24	1.88
MRC142	MD7934	35	36	10.70	0.59	61.76	15.44	3.93	0.33	0.68		0.03	3.79	0.07	0.35	0.03				0.11				100.53	2.31
MRC142	MD7935	36	37	12.33	0.67	63.51	12.25	3.99	0.20	0.35		0.02	2.82	0.06	0.31	0.01				0.12				99.52	2.63
MRC142	MD7936	37	38	10.59	0.61	62.64	13.09	3.88	0.29	0.34		0.01	4.72	0.07	0.37	0.03				0.13				100.15	3.01
MRC142	MD7938	38	39	4.53	0.25	42.01	31.98	3.16	0.56	2.68		0.01	9.37	0.09	0.45	0.05				0.24				99.84	3.91
MRC142	MD7939	39	40	2.64	0.13	31.98	42.25	3.45	0.32	3.12		0.01	10.27	0.11	0.58	0.02				0.14				99.96	4.52
MRC142	MD7941	40	41	1.07	0.04	23.14	48.22	2.59	0.39	6.13		0.01	13.85	0.08	0.43	0.01				0.20				100.42	3.81
MRC142	MD7942	41	42	1.14	0.06	17.79	47.46	3.31	0.21	7.74		0.01	17.97	0.04	0.22	0.01				0.37				100.05	3.35
MRC142	MD7943	42	43	1.50	0.06	21.92	45.75	3.44	0.32	5.31		0.01	16.70	0.05	0.29	0.01				0.22				99.78	3.72
MRC142	MD7944	43	44	0.77	0.03	19.50	52.15	2.14	0.25	6.33		0.01	13.84	0.07	0.40	0.01				0.40				100.00	3.54
MRC142	MD7945	44	45	0.81	0.03	21.13	50.41	2.20	0.24	5.91		0.01	13.74	0.08	0.43	0.01				0.41				99.92	3.82
MRC142	MD7946	45	46	0.81	0.03	21.44	52.21	1.88	0.27	5.33		0.01	12.57	0.08	0.46	0.01				0.43				100.04	3.81
MRC142	MD7947	46	47	0.73	0.03	18.81	38.13	1.99	0.25	10.03		0.01	15.07	0.06	0.34	0.01				0.34				99.77	13.46
MRC142	MD7948	47	48	0.93	0.04	22.52	37.28	1.68	0.26	9.54		0.01	13.79	0.06	0.35	0.01				0.36				100.24	12.92
MRC142	MD7949	48	49	0.64	0.03	18.61	39.40	1.40	0.23	10.31		0.02	14.13	0.07	0.41	0.01				0.39				99.90	13.80
MRC142	MD7950	49	50	0.71	0.03	17.39	39.63	2.03	0.23	10.06		0.01	15.91	0.08	0.36	0.01				0.36				100.12	12.91
MRC142	MD7951	50	51	0.62	0.02	15.68	35.86	2.11	0.21	9.21		0.01	19.77	0.07	0.33	0.01				0.35				99.69	15.04
MRC142	MD7952	51	52	0.61	0.02	15.70	36.57	2.46	0.20	7.22		0.01	21.28	0.07	0.31	0.01				0.35				99.78	14.62
MRC142	MD7953	52	53	0.60	0.02	16.12	39.30	2.86	0.21	4.61		0.01	22.77	0.05	0.24	0.01				0.33				99.99	12.49
MRC142	MD7954	53	54	0.53	0.02	14.81	36.46	1.71	0.20	6.08		0.01	22.45	0.06	0.29	0.01				0.33				99.60	16.30
MRC142	MD7955	54	55	1.06	0.03	18.01	38.15	3.24	0.22	5.08		0.08	22.99	0.07	0.22	0.01				0.39				99.43	9.53
MRC142	MD7956	55	56	0.73	0.02	18.15	37.61	1.97	0.23	3.86		0.07	28.58	0.02	0.10	0.01				0.40				99.68	7.59
MRC142	MD7957	56	57	0.70	0.02	18.75	37.43	1.83	0.24	3.45		0.07	29.85	0.01	0.08	0.01				0.42				100.02	6.85
MRC142	MD7958	57	58	0.69	0.02	18.71	38.32	1.91	0.23	3.39		0.08	29.67	0.01	0.07	0.01				0.41				100.06	6.21
MRC142	MD7959	58	59	0.75	0.03	18.86	38.61	2.27	0.23	3.40		0.10	29.60	0.01	0.07	0.01				0.42				99.95	5.30
MRC142	MD7960	59	60	0.77	0.02	18.86	39.81	2.18	0.24	3.26		0.12	28.87	0.01	0.07	0.01				0.42				99.67	4.75
PTC001	MD4994	0	1	4.72	0.21	25.85	43.06	12.42	0.15	1.73		0.08	1.73	0.86	1.12	0.01				0.07				99.68	7.21
PTC001	MD4995	1	2	3.00	0.16	21.53	46.96	15.85	0.07	0.19		0.12	1.53	0.95	1.40	0.01				0.08				99.60	7.23
PTC001	MD4996	2	3	9.59	0.41	55.21	24.97	4.42	0.34	0.04		0.06	0.59	0.02	0.54	0.02				0.03				99.84	3.31
PTC001	MD4997	3	4	9.72	0.33	40.15	34.17	6.82	0.23	0.13		0.12	0.87	0.24	0.94	0.01				0.04				99.91	5.72
PTC001	MD4998	4	5	3.38	0.13	36.35	42.44	8.09	0.16	0.08		0.06	1.08	0.02	1.08	0.01				0.20				99.65	6.02
PTC001	MD4999	5	6	4.21	0.12	33.52	40.83	8.77	0.21	1.46		0.05	3.39	0.02	0.94	0.01				0.25				99.75	5.52
PTC001	MD5001	6	7	7.33	0.18	31.51	40.42	9.39	0.08	0.15		0.11	1.28	0.29	0.96	0.01				0.04				100.29	8.13
PTC001	MD5002	7	8	2.14	0.10	24.16	43.00	14.48	0.06	0.04		0.06	4.23	1.75	1.13	0.02				0.06				99.71	8.07
PTC001	MD5003	8	9	1.31	0.09	24.90	47.15	11.81	0.06	1.19		0.05	3.88	0.67	1.03	0.01				0.22				99.91	7.11
PTC001	MD5004	9	10	0.85	0.04	20.32	48.69	5.95	0.15	5.44		0.03	12.40	0.09	0.55	0.01				0.46				100.00	4.49
PTC001	MD5005	10	11	0.84	0.04	22.08	47.38	4.95	0.15	5.96		0.02	12.65	0.03	0.52	0.01				0.46				99.83	4.24
PTC001	MD5006	11	12	2.63	0.10	26.37	43.09	6.34	0.21	5.26		0.02	10.86	0.03	0.64	0.02				0.36				100.54	4.18
PTC001	MD5007	12	13	7.25	0.26	36.45	34.08	10.31	0.21	1.12		0.03	2.57	0.06	0.98	0.02				0.02				100.14	6.42
PTC001	MD5008	13	14	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5009	14	15	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5010	15	16	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5011	16	17	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5012	17	18	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5013	18	19	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5014	19	20	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5015	20	21	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5016	21	22	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5017	22	23	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5018	23	24	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5019	24	25	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5021	25	26	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5022	26	27	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5023	27	28	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5024	28	29	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5025	29	30	2.96	0.18	24.70	37.83	10.03	0.22	9.49		0.01	10.44	0.17	0.54	0.01				0.10				99.48	2.53
PTC001	MD5026	30	31	1.70	0.11	20.09	41.85	11.30	0.20	11.02		0.01	9.13	0.30	0.64	0.01				0.09				99.70	2.94
PTC001	MD5027	31	32	6.30	0.35	36.49	29.01	8.79	0.22	7.35		0.01	7.58	0.24	0.45	0.02				0.04				99.45	2.33
PTC001	MD5028	32	33	9.34	0.52	48.50	21.28	5.07	0.28	3.58		0.00	8.18	0.04	0.32	0.02				0.02				99.61	2.18
PTC001	MD5029	33	34	6.76	0.35	39.93	27.65	5.86	0.27	4.73		0.01	10.36	0.05	0.40	0.02				0.03				99.48	2.71

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC001	MD5030	34	35	2.68	0.16	21.65	38.15	12.96	0.24	13.02		0.01	7.71	0.15	0.60	0.01				0.06				99.85	2.07
PTC001	MD5031	35	36	4.92	0.29	33.79	31.73	9.67	0.25	6.88		0.01	7.95	0.15	0.69	0.02				0.07				99.42	2.67
PTC001	MD5032	36	37	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5033	37	38	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5034	38	39	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5035	39	40	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5036	40	41	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5037	41	42	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5038	42	43	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5039	43	44	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5041	44	45	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5042	45	46	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5043	46	47	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5044	47	48	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5045	48	49	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5046	49	50	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5047	50	51	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5048	51	52	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5049	52	53	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5050	53	54	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5051	54	55	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5052	55	56	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5053	56	57	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC001	MD5054	57	58	0.18	<0.01	1.45	63.17	20.28	0.05	0.47		<0.01	0.45	9.27	3.57	0.01				<0.01				99.85	0.83
PTC001	MD5055	58	59	0.13	<0.01	1.13	64.30	19.96	0.03	0.54		<0.01	0.31	8.26	4.45	0.01				<0.01				99.81	0.55
PTC001	MD5056	59	60	0.12	<0.01	1.06	62.96	21.34	0.04	0.90		<0.01	0.32	5.57	6.25	0.01				<0.01				99.44	0.78
PTC002	MD5057	0	1	3.60	0.16	22.72	45.09	14.09	0.14	1.90		0.15	1.75	1.34	1.24	0.01				0.04				99.79	7.30
PTC002	MD5058	1	2	2.71	0.12	17.82	48.90	17.42	0.05	0.39		0.10	1.65	1.29	1.51	0.01				0.03				99.58	7.24
PTC002	MD5059	2	3	1.98	0.08	13.15	60.48	14.08	0.03	0.41		0.08	1.18	0.91	1.78	0.01				0.02				99.91	5.41
PTC002	MD5061	3	4	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5062	4	5	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5063	5	6	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5064	6	7	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5065	7	8	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5066	8	9	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5067	9	10	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5068	10	11	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5069	11	12	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC002	MD5070	12	13	2.02	0.04	12.04	66.16	10.69	0.02	0.17		0.03	0.93	1.36	1.65	0.01				0.03				99.47	4.12
PTC002	MD5071	13	14	3.59	0.06	19.85	51.24	14.23	0.01	0.19		0.04	1.28	0.84	2.08	0.01				0.02				100.01	6.32
PTC002	MD5072	14	15	3.63	0.07	18.42	49.01	17.46	0.02	0.28		0.03	1.08	0.53	2.08	<0.01				0.01				100.04	7.18
PTC002	MD5073	15	16	3.65	0.07	19.31	47.98	16.06	0.06	1.49		0.02	2.14	0.54	2.14	0.01				0.01				100.06	6.32
PTC002	MD5074	16	17	3.53	0.08	18.84	47.60	14.80	0.10	3.29		0.01	3.53	0.55	2.13	0.01				0.01				99.73	4.98
PTC002	MD5075	17	18	3.34	0.08	18.06	47.28	13.82	0.13	4.98		0.01	4.72	0.62	2.08	0.01				0.01				99.43	3.96
PTC002	MD5076	18	19	3.34	0.07	17.91	47.44	13.39	0.21	5.09		0.01	4.78	0.94	2.15	0.01				0.01				99.78	4.09
PTC002	MD5077	19	20	3.38	0.07	18.36	46.83	13.74	0.17	4.66		0.02	4.20	1.08	2.37	0.01				0.01				99.47	4.25
PTC002	MD5078	20	21	3.15	0.10	17.90	45.20	13.16	0.16	8.27		0.01	5.69	1.15	2.02	0.01				0.01				99.82	2.73
PTC002	MD5079	21	22	3.12	0.12	17.51	44.91	12.33	0.20	9.76		0.01	6.98	1.17	1.89	0.01				0.01				100.18	1.93
PTC002	MD5081	22	23	3.02	0.12	17.13	44.87	11.42	0.19	10.75		0.01	7.84	1.08	1.62	0.01				0.01				99.68	1.43
PTC002	MD5082	23	24	2.98	0.12	17.16	44.79	11.43	0.19	10.98		0.01	8.02	0.92	1.63	0.01				0.02				99.83	1.40
PTC002	MD5083	24	25	2.89	0.11	16.49	45.53	12.00	0.18	10.22		0.01	7.71	0.93	1.80	0.01				0.02				99.79	1.71
PTC002	MD5084	25	26	2.84	0.12	16.37	45.33	11.74	0.20	10.73		0.01	7.86	0.71	1.74	0.01				0.01				99.42	1.60
PTC002	MD5085	26	27	2.71	0.11	15.69	45.44	12.65	0.18	11.30		0.13	7.27	1.03	1.83	0.01				0.01				99.92	1.52
PTC002	MD5086	27	28	2.89	0.12	15.82	45.50	12.19	0.18	11.71		0.25	7.49	0.89	1.88	0.01				0.01				100.43	1.53
PTC002	MD5087	28	29	2.65	0.11	13.74	44.64	13.28	0.16	14.10		0.05	6.96	0.49	1.27	0.01				<0.01				100.17	2.54
PTC002	MD5088	29	30	2.70	0.11	14.89	45.99	11.96	0.18	12.70		0.20	7.52	0.81	1.67	0.01				<0.01				100.04	1.32
PTC002	MD5089	30	31	2.52	0.10	14.66	45.39	12.23	0.17	12.46		0.21	7.24	0.89	1.76	0.01				<0.01				99.58	1.96
PTC002	MD5090	31	32	3.22	0.13	17.50	43.86	14.14	0.17	10.48		0.05	6.61	0.77	2.16	0.01				<0.01				100.38	1.13
PTC002	MD5091	32	33	1.73	0.07	16.10	45.75	12.41	0.21	9.37		0.01	9.34	0.50	1.70	0.01				0.08				99.59	1.98
PTC002	MD5092	33	34	2.53	0.10	21.91	38.12	6.15	0.23	10.16		0.01	14.51	0.12	0.43	0.01				0.14				99.87	5.24
PTC002	MD5093	34	35	3.28	0.14	22.93	40.54	4.81	0.25	11.10		0.23	13.21	0.16	0.43	0.01				0.12				99.47	2.26
PTC002	MD5094	35	36	2.02	0.08	19.60	42.62	4.56	0.22	11.16		0.29	15.47	0.12	0.35	0.01				0.25				99.52	2.78

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC002	MD5095	36	37	2.09	0.06	20.70	36.16	8.55	0.25	7.48		0.21	17.75	0.06	0.23	0.01				0.20				99.73	5.67
PTC002	MD5096	37	38	1.86	0.09	21.82	42.12	4.46	0.24	9.34		0.44	16.70	0.06	0.23	0.01				0.18				99.88	2.48
PTC002	MD5097	38	39	2.54	0.15	21.55	40.92	8.96	0.23	12.25		0.56	10.46	0.30	0.55	0.01				0.06				99.68	1.40
PTC002	MD5098	39	40	3.71	0.20	24.13	38.46	6.79	0.24	12.09		0.71	10.34	0.23	0.52	0.01				0.02				98.37	1.34
PTC002	MD5099	40	41	4.65	0.23	26.80	37.54	5.08	0.26	12.41		0.95	10.30	0.14	0.38	0.01				0.01				99.68	1.53
PTC002	MD5101	41	42	4.11	0.21	25.96	38.46	5.19	0.24	12.29		0.88	10.84	0.14	0.43	0.01				0.05				99.46	1.21
PTC002	MD5102	42	43	2.53	0.13	22.53	41.65	4.14	0.21	11.58		0.82	14.24	0.09	0.34	0.01				0.10				99.84	1.90
PTC002	MD5103	43	44	5.30	0.30	33.43	31.50	7.86	0.27	10.05		0.37	9.71	0.11	0.34	0.02				0.05				100.53	1.27
PTC002	MD5104	44	45	4.67	0.23	31.72	33.54	4.39	0.24	7.62		0.43	14.75	0.03	0.12	0.02				0.13				99.62	1.86
PTC002	MD5105	45	46	2.36	0.11	19.71	44.09	3.88	0.23	13.25		0.51	14.11	0.09	0.30	0.01				0.19				99.65	0.98
PTC002	MD5106	46	47	4.93	0.22	27.67	34.43	5.86	0.27	11.73		0.42	11.39	0.09	0.26	0.01				0.06				99.77	2.55
PTC002	MD5107	47	48	3.07	0.22	26.26	36.66	10.25	0.23	11.31		0.33	10.15	0.23	0.36	0.01				0.07				100.48	1.37
PTC002	MD5108	48	49	6.00	0.34	36.18	29.55	6.53	0.30	7.65		0.66	10.75	0.13	0.31	0.02				0.11				99.45	1.29
PTC002	MD5109	49	50	3.86	0.21	30.56	33.48	5.55	0.27	7.65		0.36	15.07	0.09	0.21	0.02				0.22				100.13	2.62
PTC002	MD5110	50	51	1.93	0.07	19.45	42.87	4.24	0.20	10.38		0.38	17.72	0.09	0.21	0.01				0.28				100.00	2.21
PTC002	MD5111	51	52	1.98	0.08	15.79	46.13	4.75	0.22	15.00		0.23	13.80	0.19	0.37	0.01				0.22				100.32	1.52
PTC002	MD5112	52	53	1.95	0.08	15.61	46.91	4.52	0.22	14.98		0.34	13.91	0.20	0.38	0.01				0.16				100.21	1.06
PTC002	MD5113	53	54	1.89	0.08	15.86	46.66	4.71	0.22	14.57		0.40	13.81	0.23	0.40	0.01				0.13				100.10	1.30
PTC002	MD5114	54	55	1.62	0.07	17.82	45.23	3.97	0.20	11.78		0.35	15.94	0.16	0.33	0.01				0.07				98.89	1.46
PTC002	MD5115	55	56	2.40	0.10	23.69	40.48	4.57	0.23	9.07		0.24	16.59	0.09	0.23	0.01				0.04				99.51	1.77
PTC002	MD5116	56	57	2.54	0.14	22.27	41.03	6.60	0.24	10.08		0.38	14.38	0.27	0.45	0.01				0.11				99.75	1.42
PTC002	MD5117	57	58	0.72	0.06	13.72	43.40	12.30	0.23	13.96		0.09	10.91	0.72	0.56	0.01				0.06				99.64	2.78
PTC002	MD5118	58	59	1.56	0.08	20.83	40.70	6.11	0.27	9.55		0.22	17.08	0.19	0.21	0.01				0.15				99.40	2.42
PTC002	MD5119	59	60	1.56	0.06	20.84	43.00	5.64	0.27	8.90		0.14	17.10	0.06	0.17	0.01				0.02				99.81	1.97
PTC003	MD5121	0	1	4.87	0.23	28.69	41.20	11.32	0.20	2.76		0.09	2.77	0.98	1.03	0.01				0.13				100.54	5.86
PTC003	MD5122	1	2	2.94	0.15	25.72	43.19	14.79	0.13	0.90		0.12	2.02	1.09	1.41	0.02				0.20				100.52	7.27
PTC003	MD5123	2	3	3.89	0.14	52.29	25.21	6.80	0.23	0.34		0.21	1.67	0.08	0.45	0.02				0.54				100.30	7.74
PTC003	MD5124	3	4	2.93	0.13	45.14	31.24	7.83	0.20	0.05		0.21	2.77	0.12	0.52	0.02				0.47				100.53	8.21
PTC003	MD5125	4	5	2.00	0.11	43.84	33.37	6.26	0.19	0.05		0.19	4.55	0.09	0.44	0.02				0.45				100.30	8.01
PTC003	MD5126	5	6	1.23	0.10	43.78	33.32	5.11	0.16	0.03		0.19	6.20	0.04	0.47	0.02				0.51				99.40	7.57
PTC003	MD5127	6	7	1.36	0.09	35.31	39.04	5.32	0.14	0.26		0.11	9.12	0.22	0.48	0.02				0.48				99.41	6.97
PTC003	MD5128	7	8	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5129	8	9	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5130	9	10	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5131	10	11	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5132	11	12	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5133	12	13	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5134	13	14	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5135	14	15	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5136	15	16	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5137	16	17	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5138	17	18	na	na	na	na	na	na	na		na	na	na	na	na				na				na	na
PTC003	MD5139	18	19	1.32	0.05	26.48	50.25	9.66	0.31	0.08		0.03	2.47	3.65	0.81	0.03				0.04				99.48	4.01
PTC003	MD5141	19	20	3.82	0.15	29.88	42.09	6.58	0.53	0.03		0.04	7.28	4.41	0.29	0.04				0.08				98.34	2.87
PTC003	MD5142	20	21	4.67	0.14	25.23	45.71	4.12	0.44	0.07		0.03	10.27	4.24	0.24	0.03				0.12				97.51	1.94
PTC003	MD5143	21	22	0.85	0.04	17.00	49.80	17.10	0.30	0.49		0.02	3.03	3.20	5.33	0.03				0.03				100.11	2.54
PTC003	MD5144	22	23	1.45	0.06	19.10	50.26	5.87	0.23	0.72		0.02	11.48	4.36	0.90	0.03				0.19				97.24	2.36
PTC003	MD5145	23	24	1.88	0.09	24.58	47.43	3.96	0.23	2.12		0.02	11.00	2.90	0.53	0.02				0.25				97.95	2.70
PTC003	MD5146	24	25	2.48	0.08	28.01	42.42	4.65	0.28	3.62		0.02	11.47	0.97	0.65	0.02				0.32				99.44	4.19
PTC003	MD5147	25	26	1.76	0.07	25.47	46.25	4.51	0.25	6.55		0.01	9.42	0.45	0.89	0.03				0.20				99.86	3.59
PTC003	MD5148	26	27	3.27	0.12	26.75	40.86	9.68	0.31	1.81		0.02	8.18	3.06	0.88	0.03				0.09				99.72	4.18
PTC003	MD5149	27	28	3.16	0.12	34.83	34.76	7.69	0.61	1.83		0.03	7.95	0.90	1.08	0.03				0.16				99.67	5.97
PTC003	MD5150	28	29	3.97	0.13	32.48	34.56	9.50	0.74	1.09		0.04	7.84	1.12	1.25	0.03				0.25				99.81	6.15
PTC003	MD5151	29	30	4.63	0.16	32.42	28.90	10.58	0.51	0.54		0.04	12.97	0.50	0.82	0.03				0.12				99.78	7.16
PTC003	MD5152	30	31	7.29	0.18	33.43	28.53	9.69	0.46	0.65		0.06	10.51	0.59	1.04	0.03				0.09				99.57	6.61
PTC003	MD5153	31	32	6.54	0.16	31.81	28.04	10.62	0.67	0.44		0.21	11.76	1.15	1.18	0.03				0.05				99.72	6.72
PTC003	MD5155	32	33	4.59	0.16	25.25	42.47	10.47	0.34	2.10		0.03	5.40	0.88	1.55	0.02				0.07				99.97	6.11
PTC003	MD5156	33	34	2.08	0.10	21.84	47.32	7.68	0.22	4.50		0.02	8.69	1.57	1.14	0.02				0.03				99.49	3.91
PTC003	MD5157	34	35	2.50	0.11	20.52	46.53	6.84	0.22	6.18		0.01	10.88	2.13	0.83	0.02				0.02				99.93	2.81
PTC003	MD5158	35	36	2.67	0.12	21.32	46.55	7.40	0.14	6.15		0.01	8.85	1.86	0.95	0.02				0.03				99.43	3.03
PTC003	MD5159	36	37	3.26	0.10	22.41	46.39	5.84	0.17	5.58		0.02	9.97	2.12	0.73	0.02				0.12				100.23	3.19
PTC003	MD5161	37	38	3.62	0.11	23.72	42.17	6.02	0.24	6.87		0.03	10.85	2.09	0.61	0.01				0.10				99.82	3.03

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC003	MD5162	38	39	3.55	0.12	19.51	42.93	11.26	0.19	10.19		0.01	7.04	1.50	0.98	0.01				0.04				100.18	2.44
PTC003	MD5163	39	40	2.31	0.10	17.03	47.35	10.08	0.19	9.42		0.01	9.08	1.56	1.05	0.01				0.05				100.19	1.69
PTC003	MD5164	40	41	1.20	0.07	13.96	51.11	6.96	0.22	11.26		0.01	12.20	0.87	0.88	0.02				0.19				100.24	1.03
PTC003	MD5165	41	42	1.41	0.06	14.25	48.95	5.64	0.21	12.20		0.01	14.09	0.61	0.73	0.01				0.28				99.84	1.08
PTC004	MD5166	0	1	3.45	0.15	24.41	44.13	13.02	0.14	2.31		0.10	3.06	1.30	1.40	0.01				0.06				100.54	6.53
PTC004	MD5167	1	2	2.77	0.12	18.76	48.10	16.85	0.07	0.45		0.16	2.26	1.34	1.72	0.01				0.05				100.39	7.25
PTC004	MD5168	2	3	3.79	0.16	23.08	48.15	12.87	0.04	0.14		0.15	1.31	1.51	1.63	0.01				0.03				100.09	6.82
PTC004	MD5169	3	4	4.52	0.16	24.47	53.75	7.99	0.04	0.11		0.13	0.90	0.94	1.44	0.01				0.02				100.46	5.70
PTC004	MD5170	4	5	4.18	0.14	24.74	52.99	8.47	0.03	0.06		0.11	0.80	1.02	1.48	<0.01				0.02				99.85	5.52
PTC004	MD5171	5	6	4.11	0.12	23.60	51.94	10.41	0.02	0.09		0.12	0.98	0.71	1.23	<0.01				0.02				99.92	6.23
PTC004	MD5172	6	7	4.02	0.14	24.31	48.86	11.09	0.05	1.09		0.09	1.29	1.27	1.23	0.01				0.02				100.29	6.57
PTC004	MD5173	7	8	4.11	0.16	22.94	49.05	12.58	0.02	0.13		0.10	0.99	1.50	1.82	0.01				0.02				99.90	6.27
PTC004	MD5174	8	9	3.41	0.12	19.27	51.66	13.97	0.02	0.12		0.09	1.16	2.10	1.87	0.01				0.02				100.01	5.96
PTC004	MD5175	9	10	3.42	0.11	18.82	51.57	14.80	0.01	0.08		0.07	1.06	1.73	1.44	0.01				0.02				99.78	6.49
PTC004	MD5176	10	11	3.27	0.10	17.81	52.89	15.02	0.01	0.15		0.06	1.00	2.09	1.82	0.01				0.01				100.37	5.91
PTC004	MD5177	11	12	3.39	0.11	17.45	52.37	15.48	<0.01	0.13		0.06	0.87	2.27	2.35	<0.01				0.01				100.29	5.61
PTC004	MD5178	12	13	3.36	0.10	18.75	47.64	17.45	0.02	0.07		0.07	1.20	1.90	1.83	0.01				0.01				100.23	7.57
PTC004	MD5179	13	14	3.85	0.11	19.85	45.77	17.80	0.02	0.06		0.06	1.86	1.31	1.59	0.01				0.01				100.60	8.04
PTC004	MD5181	14	15	3.72	0.09	19.17	47.25	17.29	0.01	0.20		0.05	1.43	1.10	2.47	0.01				0.01				100.15	7.11
PTC004	MD5182	15	16	3.61	0.09	18.89	47.92	17.54	0.02	0.31		0.05	1.27	1.03	2.61	0.01				0.01				100.60	6.92
PTC004	MD5183	16	17	3.54	0.10	17.83	47.78	14.29	0.09	3.66		0.02	3.91	1.28	2.62	0.01				0.01				99.98	4.54
PTC004	MD5184	17	18	2.98	0.12	16.67	47.69	13.12	0.13	7.54		0.01	5.75	1.10	2.13	0.01				0.02				99.99	2.52
PTC004	MD5185	18	19	2.98	0.13	16.30	46.71	12.40	0.15	9.58		0.01	6.49	1.10	2.08	0.02				0.01				99.98	1.86
PTC004	MD5186	19	20	2.93	0.13	16.32	46.93	12.25	0.16	10.03		0.01	6.73	1.08	2.03	0.02				0.01				100.25	1.46
PTC004	MD5187	20	21	3.00	0.12	16.27	45.86	12.47	0.16	9.79		0.01	6.68	0.99	2.27	0.01				0.01				99.78	1.94
PTC004	MD5188	21	22	3.34	0.13	17.30	45.63	12.00	0.15	9.09		0.01	6.63	1.04	1.98	0.01				0.01				100.03	2.49
PTC004	MD5189	22	23	3.13	0.12	16.61	46.41	12.01	0.16	9.49		0.01	6.60	0.89	1.96	0.01				0.01				100.19	2.54
PTC004	MD5190	23	24	3.06	0.12	16.52	45.35	12.25	0.17	10.64		0.01	7.04	1.02	1.80	0.01				0.01				100.12	1.91
PTC005	MD5191	0	1	3.25	0.13	17.88	44.04	14.76	0.08	5.50		0.04	3.80	0.80	1.48	0.01				0.02				100.56	8.51
PTC005	MD5192	1	2	3.35	0.14	18.00	47.08	13.52	0.09	4.63		0.04	4.69	0.79	2.05	0.01				0.01				100.32	5.61
PTC005	MD5193	2	3	3.47	0.15	19.44	48.40	13.40	0.07	3.47		0.03	3.88	0.63	2.05	0.01				0.01				100.31	5.08
PTC005	MD5194	3	4	3.58	0.14	20.15	50.24	12.19	0.05	2.11		0.04	3.33	0.42	2.20	0.01				0.02				100.27	5.60
PTC005	MD5195	4	5	3.63	0.14	20.67	50.45	13.00	0.03	0.64		0.04	2.63	0.33	2.22	0.01				0.02				100.50	6.52
PTC005	MD5196	5	6	3.55	0.14	20.25	50.63	13.61	0.03	0.68		0.03	2.63	0.28	2.18	0.01				0.02				100.58	6.35
PTC005	MD5197	6	7	3.71	0.15	20.72	48.84	13.18	0.03	0.87		0.06	2.64	0.22	2.14	0.01				0.02				100.35	7.56
PTC005	MD5198	7	8	3.67	0.14	20.57	49.15	13.57	0.04	1.22		0.03	2.96	0.17	2.23	0.01				0.02				100.19	6.20
PTC005	MD5199	8	9	3.51	0.14	19.71	48.69	13.09	0.14	2.70		0.03	4.06	0.25	2.18	0.01				0.02				100.48	5.69
PTC005	MD5201	9	10	3.05	0.14	19.31	49.44	12.81	0.33	2.28		0.03	3.58	0.36	2.74	0.01				0.02				100.17	5.65
PTC005	MD5202	10	11	2.96	0.12	16.79	41.15	10.56	0.16	8.30		0.02	7.15	0.22	1.84	0.01				0.01				100.49	10.97
PTC005	MD5203	11	12	3.21	0.12	18.14	43.06	11.07	0.16	6.88		0.02	6.32	0.17	1.85	0.01				0.02				100.42	9.15
PTC005	MD5204	12	13	3.04	0.12	17.11	41.15	10.55	0.15	8.54		0.02	7.06	0.16	1.74	0.01				0.02				100.27	10.42
PTC005	MD5205	13	14	3.54	0.13	20.08	46.47	11.82	0.21	5.42		0.02	5.38	0.18	1.87	0.01				0.02				99.61	4.24
PTC005	MD5206	14	15	3.46	0.12	20.03	46.72	11.94	0.21	5.49		0.02	5.71	0.20	1.86	0.01				0.02				100.10	4.11
PTC005	MD5207	15	16	3.38	0.13	19.50	46.54	11.06	0.19	6.73		0.01	6.83	0.65	1.50	0.01				0.02				100.05	3.30
PTC005	MD5208	16	17	3.42	0.12	18.94	46.10	12.55	0.20	6.16		0.02	5.95	0.92	1.83	0.01				0.02				100.06	3.58
PTC005	MD5209	17	18	3.00	0.11	17.36	46.32	12.75	0.20	7.91		0.01	6.69	0.80	1.84	0.01				0.02				99.80	2.58
PTC005	MD5210	18	19	2.75	0.11	16.41	47.54	12.45	0.17	8.84		0.01	6.50	0.66	1.86	0.01				0.02				100.09	2.53
PTC005	MD5211	19	20	3.25	0.12	17.15	49.75	12.45	0.11	5.57		0.01	4.47	0.58	2.21	0.01				0.01				100.18	4.25
PTC005	MD5212	20	21	3.12	0.13	17.15	46.40	12.16	0.16	9.52		0.01	6.76	1.05	1.75	0.01				0.02				100.51	2.04
PTC005	MD5213	21	22	1.22	0.07	12.79	48.85	13.81	0.17	10.88		0.01	7.44	0.52	2.34	0.01				0.04				99.62	1.29
PTC005	MD5214	22	23	2.16	0.11	14.45	46.41	13.95	0.16	11.95		0.01	6.69	0.73	1.95	0.01				0.02				100.03	1.24
PTC005	MD5215	23	24	3.07	0.14	17.02	44.14	12.65	0.16	10.81		0.01	7.20	1.13	1.72	0.01				0.01				99.83	1.57
PTC006	MD5216	0	1	3.11	0.13	16.28	45.61	12.45	0.13	8.80		0.01	5.86	0.53	2.43	0.01				0.01				99.70	4.18
PTC006	MD5217	1	2	3.44	0.15	18.21	45.69	12.48	0.13	7.07		0.01	5.65	0.53	2.46	0.01				0.01				99.97	3.94
PTC006	MD5218	2	3	3.31	0.15	18.08	47.25	12.70	0.12	6.10		0.02	4.91	0.60	2.51	0.01				0.01				99.89	3.91
PTC006	MD5219	3	4	3.32	0.15	18.30	48.09	16.29	0.05	2.63		0.03	1.92	0.58	2.56	<0.01				0.01				99.90	5.74
PTC006	MD5220	4	5	3.56	0.13	19.56	51.01	13.75	0.02	1.14		0.05	1.57	0.64	2.17	0.01				0.01				100.05	6.21
PTC006	MD5222	5	6	3.48	0.14	20.83	50.32	13.14	0.03	0.72		0.06	1.61	0.72	1.66	0.01				0.01				99.59	6.64
PTC006	MD5223	6	7	3.80	0.12	20.71	50.02	13.39	0.02	0.55		0.07	1.46	0.45	1.86	0.01				0.01				99.55	6.87
PTC006	MD5224	7	8	4.38	0.15	22.45	47.93	13.14	0.03	1.34		0.06	1.49	0.32	1.71	0.01				0.01				99.90	6.65
PTC006	MD5225	8	9	3.98	0.15	18.81	44.41	13.93	0.14	7.48		0.02	5.54	0.48	1.88	0.01				0.01				99.80	2.76
PTC006	MD5226	9	10	3.91	0.15	19.24	43.95	13.18	0.16	8.62		0.01	6.71	0.46	1.73	0.01				0.02				100.23	1.91

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC006	MD5227	10	11	3.73	0.15	19.03	44.18	13.08	0.16	8.82		0.01	6.90	0.45	1.75	0.01				0.02				100.18	1.71
PTC006	MD5228	11	12	3.38	0.15	19.20	44.62	12.74	0.16	8.64		0.01	7.04	0.51	1.80	0.01				0.02				100.23	1.79
PTC006	MD5229	12	13	3.97	0.14	18.89	45.03	12.52	0.15	8.21		0.01	6.62	0.45	1.97	0.01				0.02				99.88	1.73
PTC006	MD5230	13	14	3.36	0.14	18.63	46.19	12.58	0.14	7.83		0.01	6.58	0.67	1.98	0.01				0.02				100.38	2.06
PTC006	MD5231	14	15	3.31	0.13	19.07	46.79	12.94	0.11	5.31		0.01	5.38	0.97	2.02	0.01				0.02				100.00	3.69
PTC006	MD5232	15	16	3.35	0.13	19.22	46.07	12.80	0.13	6.38		0.01	6.09	0.93	1.77	0.01				0.01				100.24	3.11
PTC006	MD5233	16	17	3.32	0.13	18.82	46.11	13.09	0.14	6.48		0.01	5.97	0.88	1.80	0.01				0.01				99.99	3.00
PTC006	MD5234	17	18	3.44	0.13	19.15	45.40	12.81	0.20	7.20		0.01	6.30	0.75	1.75	0.01				0.01				100.16	2.79
PTC006	MD5235	18	19	3.21	0.11	18.07	46.53	13.65	0.16	6.55		0.02	5.71	0.89	1.86	0.01				0.02				100.23	3.19
PTC006	MD5236	19	20	3.54	0.14	18.67	44.78	12.43	0.16	8.82		0.01	6.77	0.70	1.74	0.01				0.02				99.80	1.84
PTC006	MD5237	20	21	3.50	0.15	18.66	43.92	11.97	0.16	11.05		0.01	7.55	0.52	1.68	0.01				0.02				100.18	0.82
PTC006	MD5238	21	22	3.47	0.14	18.38	43.60	12.84	0.16	10.52		0.01	7.31	0.55	1.69	0.01				0.02				100.04	1.18
PTC006	MD5239	22	23	3.38	0.14	18.45	43.56	12.73	0.16	10.80		0.01	7.38	0.51	1.80	0.01				0.02				100.05	0.92
PTC006	MD5241	23	24	3.55	0.15	19.00	44.03	11.60	0.17	10.44		0.01	7.28	0.61	1.72	0.01				0.02				100.03	1.27
PTC007	MD5242	0	1	3.81	0.19	22.77	37.83	12.46	0.13	5.78		0.06	3.40	1.06	1.08	0.01				0.07				99.62	10.65
PTC007	MD5243	1	2	4.03	0.23	44.12	29.58	11.83	0.09	0.47		0.06	0.75	0.39	0.70	0.01				0.10				99.89	7.18
PTC007	MD5244	2	3	2.14	0.07	42.45	31.68	12.44	0.04	0.13		0.10	0.30	0.08	0.38	0.01				0.06				99.83	9.61
PTC007	MD5245	3	4	2.75	0.08	43.18	30.39	12.40	0.05	0.09		0.12	0.27	0.08	0.31	0.01				0.12				100.17	9.94
PTC007	MD5246	4	5	3.03	0.09	42.73	29.61	13.19	0.06	0.03		0.13	0.22	0.05	0.30	0.02				0.20				100.11	10.02
PTC007	MD5247	5	6	2.99	0.09	50.47	24.39	10.89	0.07	0.03		0.17	0.19	0.03	0.25	0.02				0.16				100.12	9.87
PTC007	MD5248	6	7	2.67	0.09	53.53	23.34	9.88	0.09	0.05		0.16	0.20	0.02	0.21	0.02				0.09				100.05	9.21
PTC007	MD5249	7	8	2.05	0.08	42.94	27.97	14.60	0.06	0.03		0.14	0.27	0.04	0.35	0.01				0.12				99.95	10.80
PTC007	MD5250	8	9	2.77	0.09	53.38	21.82	10.95	0.08	0.02		0.16	0.24	0.02	0.24	0.02				0.07				100.35	9.97
PTC007	MD5251	9	10	2.48	0.09	60.09	16.11	9.59	0.07	0.02		0.18	0.22	<0.01	0.22	0.02				0.05				100.16	10.32
PTC007	MD5252	10	11	2.35	0.08	49.31	24.31	12.31	0.07	0.02		0.14	0.41	0.01	0.38	0.01				0.05				100.01	10.02
PTC007	MD5253	11	12	2.72	0.07	47.46	25.43	13.49	0.11	0.02		0.09	0.42	<0.01	0.39	0.01				0.04				99.91	9.06
PTC007	MD5254	12	13	2.70	0.06	48.22	26.07	11.59	0.17	0.07		0.09	0.63	0.01	0.43	0.02				0.12				100.22	9.20
PTC007	MD5255	13	14	3.03	0.07	35.71	31.87	14.76	0.13	0.05		0.09	2.41	0.29	0.84	0.03				0.18				100.02	9.53
PTC007	MD5256	14	15	1.70	0.05	39.69	29.59	12.40	0.10	0.05		0.10	4.43	0.80	0.97	0.04				0.09				100.29	9.18
PTC007	MD5257	15	16	1.19	0.05	31.38	32.46	12.51	0.15	0.04		0.05	9.89	1.37	1.32	0.05				0.07				99.85	7.70
PTC007	MD5258	16	17	2.37	0.06	26.84	40.27	11.86	0.24	0.09		0.04	5.98	1.72	1.41	0.03				0.20				100.13	7.38
PTC007	MD5259	17	18	2.41	0.05	27.81	41.72	10.44	0.19	0.19		0.05	4.96	1.71	1.29	0.03				0.20				99.56	7.23
PTC007	MD5261	18	19	3.87	0.06	24.10	41.99	12.75	0.35	0.12		0.04	4.32	1.43	1.33	0.03				0.21				100.02	7.77
PTC007	MD5262	19	20	2.64	0.04	22.11	44.11	10.68	0.17	0.18		0.03	8.39	3.80	0.81	0.03				0.16				99.59	5.51
PTC007	MD5263	20	21	2.47	0.06	25.89	40.68	9.87	0.17	0.32		0.04	8.56	3.27	1.06	0.02				0.28				99.55	5.94
PTC007	MD5264	21	22	1.86	0.03	18.34	44.98	12.72	0.13	0.12		0.02	10.05	4.46	0.96	0.02				0.27				99.75	4.84
PTC007	MD5265	22	23	1.30	0.04	21.24	42.59	6.63	0.22	3.14		0.02	16.09	2.61	1.17	0.02				0.32				99.44	3.49
PTC007	MD5266	23	24	1.43	0.04	20.58	46.00	5.44	0.22	2.96		0.02	15.73	1.08	1.35	0.02				0.41				99.69	3.83
PTC008	MD5267	0	1	4.41	0.28	49.85	25.91	10.21	0.09	0.33		0.03	1.03	0.28	0.37	0.01				0.37				99.96	6.49
PTC008	MD5268	1	2	4.96	0.23	50.43	25.89	9.39	0.10	0.06		0.06	0.46	0.05	0.28	0.02				0.45				99.92	7.22
PTC008	MD5269	2	3	7.63	0.21	44.25	27.36	11.14	0.18	0.02		0.09	0.59	0.04	0.31	0.02				0.44				100.28	7.60
PTC008	MD5270	3	4	5.73	0.19	38.34	27.86	16.12	0.11	0.02		0.13	0.54	0.04	0.37	0.02				0.39				100.29	10.01
PTC008	MD5271	4	5	1.96	0.10	47.83	22.49	15.86	0.06	0.03		0.18	0.31	0.03	0.32	0.01				0.09				100.29	10.64
PTC008	MD5272	5	6	4.01	0.11	49.78	20.23	14.89	0.08	0.02		0.17	0.36	0.02	0.33	0.02				0.12				100.49	9.95
PTC008	MD5273	6	7	4.85	0.09	38.41	27.26	17.87	0.10	0.02		0.14	0.49	0.02	0.33	0.02				0.09				99.96	9.90
PTC008	MD5274	7	8	3.76	0.08	45.78	23.08	15.74	0.15	0.01		0.16	0.50	0.02	0.34	0.02				0.08				100.44	10.22
PTC008	MD5275	8	9	2.90	0.07	60.19	15.75	10.24	0.18	0.02		0.21	0.35	0.01	0.23	0.03				0.05				100.36	9.61
PTC008	MD5276	9	10	2.41	0.07	65.37	14.16	7.90	0.16	0.01		0.20	0.26	<0.01	0.19	0.03				0.03				100.32	9.01
PTC008	MD5277	10	11	3.00	0.08	59.08	16.65	10.41	0.16	0.01		0.21	0.39	0.01	0.24	0.03				0.09				100.28	9.48
PTC008	MD5278	11	12	3.01	0.08	58.25	16.88	10.60	0.16	0.01		0.22	0.42	0.01	0.25	0.03				0.05				100.43	9.96
PTC008	MD5279	12	13	2.66	0.07	56.18	18.77	10.75	0.13	0.02		0.17	0.50	0.01	0.30	0.03				0.03				100.00	9.80
PTC008	MD5281	13	14	2.48	0.08	55.00	19.43	11.01	0.16	0.02		0.11	0.96	0.01	0.37	0.03				0.05				100.01	9.57
PTC008	MD5282	14	15	1.91	0.07	41.90	27.05	11.25	0.10	0.05		0.04	7.18	0.02	0.91	0.04				0.11				99.73	8.43
PTC008	MD5283	15	16	1.67	0.07	42.63	27.80	11.44	0.12	0.04		0.08	3.84	0.04	0.83	0.04				0.07				99.37	9.75
PTC008	MD5284	16	17	2.05	0.06	48.11	23.43	9.33	0.20	0.05		0.05	6.34	0.02	0.79	0.05				0.03				100.03	8.84
PTC008	MD5285	17	18	2.20	0.06	48.83	25.05	7.80	0.13	0.16		0.04	5.93	0.02	0.77	0.04				0.03				99.86	8.09
PTC008	MD5286	18	19	1.78	0.06	37.33	35.40	6.43	0.16	1.47		0.03	8.97	0.03	0.87	0.03				0.03				99.94	6.74
PTC008	MD5287	19	20	1.51	0.06	33.94	37.93	5.20	0.22	2.73		0.02	11.21	0.06	0.78	0.03				0.01				99.95	5.67
PTC008	MD5288	20	21	1.51	0.05	32.04	37.85	5.42	0.26	2.85		0.01	13.58	0.03	0.62	0.02				0.02				100.09	5.35
PTC008	MD5289	21	22	1.39	0.04	28.45	41.06	5.07	0.29	3.13		0.01	14.73	0.03	0.45	0.02				0.01				99.95	4.89
PTC008	MD5290	22	23	1.26	0.03	26.03	44.21	4.81	0.22	3.32		0.01	14.67	0.03	0.39	0.01				0.01				100.08	4.71
PTC008	MD5291	23	24	1.45	0.03	25.01	40.65	5.75	0.29	3.92		0.01	16.63	0.03	0.37	0.01				0.01				99.71	5.18

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC009	MD5292	0	1	12.27	0.62	50.36	19.17	10.37	0.17	0.13		0.04	0.80	0.02	0.07	0.02				0.05				100.13	5.88
PTC009	MD5293	1	2	13.39	0.77	54.84	15.06	10.29	0.18	0.03		0.03	0.54	<0.01	0.05	0.01				0.04				100.20	4.82
PTC009	MD5294	2	3	14.12	0.80	54.47	14.47	10.37	0.18	0.02		0.03	0.54	<0.01	0.06	0.02				0.04				100.14	4.85
PTC009	MD5295	3	4	13.71	0.79	55.62	14.32	9.58	0.19	0.02		0.04	0.50	<0.01	0.07	0.02				0.04				99.97	4.90
PTC009	MD5296	4	5	14.59	0.82	65.33	9.14	6.29	0.23	0.01		0.03	0.64	<0.01	0.05	0.02				0.04				100.35	3.00
PTC009	MD5297	5	6	10.44	0.56	58.82	16.06	7.78	0.19	0.01		0.04	0.54	0.02	0.11	0.02				0.17				99.73	4.69
PTC009	MD5298	6	7	12.22	0.67	66.18	10.63	5.97	0.21	0.02		0.03	0.68	<0.01	0.10	0.01				0.12				100.47	3.34
PTC009	MD5299	7	8	10.24	0.55	66.87	11.01	5.79	0.19	<0.01		0.04	0.56	0.01	0.12	0.02				0.19				100.27	4.26
PTC009	MD5301	8	9	6.39	0.23	52.65	24.29	9.10	0.24	0.01		0.05	0.48	0.03	0.30	0.04				0.49				100.46	5.66
PTC009	MD5302	9	10	5.37	0.20	44.35	28.43	12.35	0.21	0.04		0.06	0.59	0.03	0.33	0.03				0.59				99.99	6.94
PTC009	MD5303	10	11	5.47	0.20	50.01	22.58	12.09	0.20	0.03		0.08	0.70	0.03	0.39	0.02				0.66				100.34	7.32
PTC009	MD5304	11	12	4.69	0.23	42.24	29.34	13.60	0.16	0.02		0.09	0.57	0.02	0.32	0.02				0.53				100.19	7.79
PTC009	MD5305	12	13	5.05	0.21	49.76	21.66	12.95	0.22	0.03		0.08	1.06	0.03	0.38	0.02				0.48				100.26	7.65
PTC009	MD5306	13	14	1.86	0.06	49.91	26.94	6.44	0.16	0.08		0.03	4.85	0.05	0.76	0.04				0.05				99.62	7.55
PTC009	MD5307	14	15	1.35	0.04	36.22	37.70	5.03	0.21	1.54		0.02	10.18	0.06	0.84	0.03				0.04				99.61	5.60
PTC009	MD5308	15	16	1.27	0.04	35.13	38.81	4.74	0.32	1.64		0.02	11.03	0.06	0.78	0.03				0.02				100.09	5.54
PTC009	MD5309	16	17	1.45	0.04	35.22	37.62	5.27	0.22	2.13		0.01	11.53	0.04	0.71	0.03				0.02				100.00	5.17
PTC009	MD5310	17	18	1.61	0.05	39.41	33.10	5.76	0.22	1.28		0.01	12.12	0.03	0.65	0.02				0.03				100.24	5.44
PTC009	MD5311	18	19	1.80	0.05	45.83	27.64	5.85	0.27	0.66		0.01	10.22	0.04	0.71	0.03				0.02				99.92	6.15
PTC009	MD5312	19	20	1.37	0.04	32.90	39.02	4.66	0.36	2.12		0.01	13.72	0.04	0.58	0.03				0.02				100.29	4.83
PTC009	MD5313	20	21	1.17	0.04	30.50	42.42	4.09	0.30	2.61		0.01	13.21	0.04	0.44	0.02				0.01				99.74	4.43
PTC009	MD5314	21	22	1.33	0.04	32.88	39.62	4.55	0.27	2.22		0.01	12.81	0.04	0.52	0.02				0.01				99.46	4.72
PTC009	MD5315	22	23	1.62	0.05	40.65	32.35	5.08	0.30	1.54		0.01	11.48	0.04	0.52	0.02				0.03				99.65	5.41
PTC009	MD5316	23	24	1.64	0.05	41.50	29.94	5.28	0.32	1.63		0.01	12.57	0.03	0.52	0.02				0.01				99.65	5.59
PTC010	MD5317	0	1	8.62	0.55	56.77	16.83	8.15	0.24	0.36		0.04	2.64	0.03	0.12	0.01				0.04				100.03	5.37
PTC010	MD5318	1	2	11.36	0.61	58.78	16.15	7.89	0.26	0.07		0.05	0.81	<0.01	0.06	0.01				0.03				100.16	3.90
PTC010	MD5319	2	3	12.75	0.69	63.30	11.78	6.76	0.28	0.03		0.05	0.57	<0.01	0.04	0.01				0.03				100.13	3.64
PTC010	MD5321	3	4	13.91	0.75	66.83	7.97	5.89	0.30	0.02		0.05	0.52	<0.01	0.04	0.01				0.04				99.45	2.93
PTC010	MD5322	4	5	14.20	0.80	69.69	6.89	5.22	0.29	0.02		0.03	0.53	<0.01	0.04	0.01				0.05				100.13	2.21
PTC010	MD5323	5	6	12.73	0.70	69.72	7.56	5.47	0.29	0.02		0.04	0.50	<0.01	0.05	0.01				0.05				100.16	2.82
PTC010	MD5324	6	7	13.85	0.77	69.47	7.37	4.99	0.27	0.05		0.03	0.60	<0.01	0.06	0.01				0.07				100.12	2.41
PTC010	MD5325	7	8	13.60	0.76	67.47	9.23	5.50	0.27	<0.01		0.03	0.35	0.01	0.08	0.01				0.05				100.02	2.50
PTC010	MD5326	8	9	14.18	0.75	66.29	9.08	6.11	0.26	0.01		0.02	0.37	<0.01	0.09	0.01				0.02				99.86	2.47
PTC010	MD5327	9	10	13.89	0.73	61.67	12.03	7.18	0.27	<0.01		0.03	0.35	0.01	0.10	0.01				0.05				99.67	3.09
PTC010	MD5328	10	11	15.67	0.80	63.62	9.25	7.07	0.29	<0.01		0.02	0.38	<0.01	0.10	0.03				0.02				99.98	2.48
PTC010	MD5329	11	12	15.30	0.80	64.34	9.62	6.57	0.28	0.01		0.02	0.41	0.01	0.11	0.03				0.03				100.41	2.63
PTC010	MD5330	12	13	14.57	0.76	62.93	11.88	6.07	0.25	0.02		0.02	0.42	0.02	0.09	0.02				0.04				99.90	2.58
PTC010	MD5331	13	14	13.92	0.75	64.42	12.46	5.26	0.26	<0.01		0.01	0.54	0.02	0.07	0.02				0.06				100.16	2.20
PTC010	MD5332	14	15	14.03	0.76	67.72	9.48	4.91	0.28	<0.01		0.01	0.68	0.01	0.05	0.01				0.09				100.04	1.85
PTC010	MD5333	15	16	12.62	0.71	68.41	8.45	6.24	0.22	<0.01		0.01	0.50	<0.01	0.07	0.02				0.21				100.25	2.54
PTC010	MD5334	16	17	4.64	0.27	34.55	28.51	19.06	0.13	0.01		0.02	2.69	0.03	0.39	0.05				0.24				99.60	8.57
PTC010	MD5335	17	18	4.69	0.25	31.45	29.89	19.37	0.14	0.08		0.02	3.81	0.09	0.63	0.04				0.27				99.82	8.58
PTC010	MD5336	18	19	2.85	0.13	29.10	29.20	14.50	0.17	0.30		0.01	13.63	0.04	1.06	0.04				0.35				99.56	7.72
PTC010	MD5337	19	20	1.66	0.08	24.93	28.31	17.14	0.27	0.18		0.00	16.66	0.04	0.60	0.02				0.21				99.69	9.12
PTC010	MD5338	20	21	2.41	0.10	29.66	34.60	8.07	0.25	3.55		0.01	14.58	0.04	0.59	0.02				0.15				99.87	5.39
PTC010	MD5339	21	22	1.66	0.06	38.75	31.50	5.47	0.30	2.70		0.01	12.10	0.04	0.61	0.03				0.04				99.39	5.57
PTC010	MD5341	22	23	1.55	0.05	38.51	33.41	5.21	0.23	2.07		0.01	12.32	0.05	0.69	0.02				0.03				99.93	5.32
PTC010	MD5342	23	24	1.40	0.05	38.51	33.31	5.44	0.29	2.23		0.01	11.69	0.05	0.61	0.02				0.04				99.80	5.67
PTC011	MD5343	0	1	3.39	0.17	27.14	40.69	17.14	0.07	0.23		0.08	0.86	0.21	0.15	0.01				0.07				99.71	9.38
PTC011	MD5344	1	2	4.96	0.29	42.56	27.12	13.25	0.08	0.04		0.19	0.26	0.03	0.11	0.01				0.13				99.84	10.75
PTC011	MD5345	2	3	6.66	0.39	32.06	31.98	17.85	0.12	0.05		0.11	0.35	0.42	0.21	0.01				0.08				99.95	9.50
PTC011	MD5346	3	4	11.31	0.49	42.25	24.09	13.09	0.23	0.02		0.11	0.23	0.04	0.21	0.04				0.03				100.23	7.80
PTC011	MD5347	4	5	7.03	0.38	42.50	24.30	14.93	0.14	0.02		0.15	0.26	0.07	0.26	0.02				0.08				100.35	9.85
PTC011	MD5348	5	6	3.12	0.20	33.14	29.02	21.59	0.07	0.02		0.14	0.23	0.11	0.33	0.02				0.12				100.31	11.80
PTC011	MD5349	6	7	1.45	0.10	15.38	38.68	29.70	0.05	0.03		0.08	0.28	0.29	0.34	0.01				0.05				99.76	13.00
PTC011	MD5350	7	8	8.24	0.47	54.01	16.14	12.63	0.24	0.02		0.12	0.28	0.09	0.16	0.02				0.07				100.48	7.72
PTC011	MD5351	8	9	15.76	0.86	64.65	8.35	6.99	0.39	<0.01		0.03	0.42	<0.01	0.12	0.01				0.02				100.41	2.54
PTC011	MD5352	9	10	16.66	0.94	66.77	6.62	5.88	0.34	<0.01		0.02	0.53	<0.01	0.09	0.02				0.04				100.32	2.16
PTC011	MD5353	10	11	15.72	0.88	64.41	8.10	7.03	0.32	<0.01		0.03	0.57	<0.01	0.13	0.02				0.05				100.27	2.76
PTC011	MD5354	11	12	15.27	0.94	64.30	8.26	6.97	0.32	0.02		0.03	0.56	0.01	0.13	0.02				0.07				100.01	2.86
PTC011	MD5355	12	13	14.31	0.96	65.52	8.47	6.56	0.30	0.02		0.03	0.58	0.01	0.12	0.02				0.10				99.93	2.70
PTC011	MD5356	13	14	18.50	0.67	52.37	14.88	8.18	0.36	<0.01		0.03	0.71	<0.01	0.13	0.03				0.11				99.56	3.32

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC011	MD5357	14	15	23.65	0.72	47.39	14.07	8.74	0.36	<0.01		0.04	0.67	<0.01	0.16	0.04				0.10				99.97	3.74
PTC011	MD5358	15	16	18.24	1.01	56.28	12.09	7.84	0.40	<0.01		0.03	0.51	<0.01	0.13	0.02				0.03				99.98	3.12
PTC011	MD5359	16	17	15.62	0.97	65.73	8.14	6.37	0.34	<0.01		0.02	0.57	<0.01	0.11	0.02				0.05				100.61	2.42
PTC011	MD5361	17	18	14.30	0.85	67.60	7.32	5.72	0.29	0.01		0.04	0.78	<0.01	0.11	0.02				0.14				100.31	2.77
PTC011	MD5362	18	19	8.52	0.63	74.68	5.69	4.24	0.30	0.02		0.09	0.52	<0.01	0.08	0.02				0.24				100.32	4.85
PTC011	MD5363	19	20	5.99	0.20	57.04	17.25	5.82	0.35	0.48		0.02	5.93	0.02	0.57	0.03				0.88				100.04	4.70
PTC011	MD5364	20	21	4.55	0.12	35.83	34.57	3.30	0.48	4.20		0.01	11.42	0.03	0.50	0.02				0.37				99.78	3.65
PTC011	MD5365	21	22	3.61	0.17	36.29	34.81	2.86	0.38	5.18		0.01	12.44	0.03	0.36	0.02				0.30				100.16	3.19
PTC011	MD5366	22	23	3.22	0.10	28.84	41.85	2.50	0.34	5.74		0.01	13.39	0.03	0.38	0.02				0.31				100.24	3.07
PTC011	MD5367	23	24	3.87	0.11	29.71	39.75	2.73	0.36	5.57		0.01	13.48	0.03	0.35	0.02				0.30				99.87	3.15
PTC011	MD5368	24	25	3.41	0.13	30.59	38.21	2.83	0.34	5.85		0.01	14.06	0.03	0.32	0.01				0.26				99.73	3.29
PTC011	MD5369	25	26	2.87	0.15	31.27	38.59	2.30	0.37	6.22		0.01	14.15	0.03	0.31	0.01				0.26				99.84	2.92
PTC011	MD5370	26	27	3.48	0.17	34.38	37.43	2.54	0.31	4.86		0.01	12.51	0.04	0.40	0.02				0.26				100.10	3.27
PTC011	MD5371	27	28	3.03	0.13	31.17	37.95	3.39	0.27	4.94		0.01	14.26	0.04	0.41	0.02				0.14				99.80	3.63
PTC011	MD5372	28	29	1.69	0.06	25.90	41.97	3.34	0.35	5.76		0.01	15.99	0.04	0.36	0.01				0.16				99.73	3.72
PTC011	MD5373	29	30	1.66	0.06	28.66	42.14	3.01	0.51	4.93		0.01	14.13	0.05	0.52	0.02				0.13				100.10	3.82
PTC012	MD5374	0	1	7.11	0.38	41.91	27.77	9.55	0.24	2.32		0.06	3.72	0.36	0.50	0.02				0.16				100.24	5.78
PTC012	MD5375	1	2	3.63	0.18	44.41	27.92	11.29	0.06	0.31		0.24	1.02	0.34	0.54	0.02				0.05				99.73	9.55
PTC012	MD5376	2	3	2.86	0.15	57.67	17.73	10.00	0.02	0.03		0.26	0.16	0.24	0.21	0.02				0.01				99.94	10.50
PTC012	MD5377	3	4	3.93	0.20	44.77	25.59	13.75	0.02	0.06		0.24	0.43	0.25	0.43	0.02				0.02				100.13	10.18
PTC012	MD5378	4	5	5.34	0.27	28.30	33.33	19.97	0.02	0.03		0.17	0.44	0.18	0.49	0.01				0.03				100.26	11.35
PTC012	MD5379	5	6	7.01	0.26	11.64	40.55	27.05	0.02	0.04		0.12	0.33	0.56	0.54	0.01				0.02				100.09	11.59
PTC012	MD5381	6	7	4.64	0.22	25.62	36.20	20.44	0.02	0.04		0.19	0.19	0.26	0.47	0.01				0.02				100.43	11.67
PTC012	MD5382	7	8	7.18	0.26	44.55	28.56	10.79	0.23	0.01		0.12	0.62	0.04	0.34	0.04				0.68				100.05	6.17
PTC012	MD5383	8	9	7.50	0.27	62.10	16.59	6.12	0.32	0.01		0.13	0.76	0.01	0.25	0.03				0.97				100.32	4.86
PTC012	MD5384	9	10	6.88	0.28	61.29	16.98	6.42	0.23	<0.01		0.14	0.53	0.02	0.21	0.03				0.86				100.30	6.08
PTC012	MD5385	10	11	8.05	0.32	54.88	18.15	9.33	0.18	<0.01		0.12	0.28	0.02	0.16	0.02				0.57				99.99	7.64
PTC012	MD5386	11	12	13.10	0.38	39.33	24.32	14.48	0.21	0.01		0.09	0.21	0.01	0.18	0.02				0.20				100.20	7.40
PTC012	MD5387	12	13	25.20	0.61	24.27	25.73	14.77	0.19	0.01		0.06	0.53	<0.01	0.21	0.05				0.09				99.55	7.46
PTC012	MD5388	13	14	29.44	0.84	28.93	20.15	12.44	0.28	<0.01		0.05	0.98	<0.01	0.19	0.06				0.09				99.74	5.96
PTC012	MD5389	14	15	25.14	0.64	27.91	14.65	15.22	0.20	<0.01		2.13	0.96	1.50	0.24	0.09				0.25				99.86	12.45
PTC012	MD5390	15	16	16.76	0.69	52.09	8.45	10.72	0.14	<0.01		1.62	0.45	1.21	0.20	0.04				0.26				100.34	8.90
PTC012	MD5391	16	17	13.95	0.69	61.76	9.33	7.85	0.18	0.01		0.38	0.48	0.25	0.16	0.03				0.20				100.09	4.84
PTC012	MD5392	17	18	11.94	0.56	62.48	10.33	7.41	0.26	0.03		0.29	0.63	0.16	0.20	0.03				0.17				99.63	4.97
PTC012	MD5393	18	19	11.36	0.62	66.51	9.92	6.57	0.31	0.04		0.09	0.59	0.03	0.20	0.02				0.15				100.43	3.69
PTC012	MD5394	19	20	12.46	0.68	65.77	9.11	5.24	0.36	0.03		0.04	3.26	0.02	0.18	0.02				0.08				100.37	2.68
PTC012	MD5395	20	21	12.30	0.67	63.80	9.42	4.39	0.34	0.18		0.01	6.05	0.01	0.17	0.03				0.10				100.14	2.29
PTC012	MD5396	21	22	9.74	0.53	56.90	18.02	3.48	0.28	0.76		0.01	6.66	0.02	0.26	0.03				0.13				99.95	2.77
PTC012	MD5397	22	23	8.24	0.45	55.78	20.71	2.94	0.34	1.33		0.01	6.64	0.03	0.34	0.02				0.15				100.36	2.94
PTC012	MD5398	23	24	6.57	0.35	47.87	23.26	5.01	0.46	1.37		0.01	10.21	0.03	0.35	0.02				0.14				100.38	4.27
PTC012	MD5399	24	25	6.37	0.32	46.87	28.75	2.66	0.44	2.27		0.02	8.71	0.03	0.38	0.02				0.18				100.36	2.96
PTC012	MD5401	25	26	1.97	0.07	25.29	51.20	1.60	0.25	4.48		0.02	10.32	0.04	0.38	0.01				0.34				99.41	3.00
PTC012	MD5402	26	27	1.98	0.07	24.70	49.28	2.15	0.15	4.91		0.02	12.09	0.04	0.42	0.01				0.36				99.93	3.38
PTC012	MD5403	27	28	2.11	0.07	24.50	48.38	2.19	0.32	5.04		0.02	12.45	0.04	0.46	0.01				0.34				100.06	3.70
PTC012	MD5404	28	29	2.10	0.07	24.76	45.15	2.07	0.40	6.15		0.02	14.12	0.04	0.44	0.01				0.35				99.60	3.44
PTC012	MD5405	29	30	2.08	0.07	24.99	47.87	1.99	0.23	5.53		0.02	12.64	0.04	0.41	0.01				0.37				100.14	3.46
PTC013	MD5406	0	1	4.05	0.16	24.26	41.40	12.34	0.15	3.30		0.08	3.54	0.94	0.94	0.01				0.13				99.73	7.98
PTC013	MD5407	1	2	3.33	0.13	19.44	45.99	17.83	0.07	0.46		0.12	2.17	1.18	1.33	0.01				0.08				100.40	7.70
PTC013	MD5408	2	3	4.34	0.17	16.60	47.35	17.68	0.05	0.15		0.12	2.25	1.86	1.27	0.02				0.04				100.07	7.53
PTC013	MD5409	3	4	4.10	0.19	46.07	23.38	13.54	0.04	0.03		0.27	0.34	0.24	0.48	0.02				0.18				100.11	11.01
PTC013	MD5410	4	5	9.09	0.39	40.67	23.87	16.47	0.20	0.03		0.12	0.37	0.02	0.48	0.02				0.15				99.99	7.74
PTC013	MD5411	5	6	6.17	0.30	38.42	34.02	11.94	0.39	0.06		0.09	0.68	0.06	0.72	0.02				0.06				99.79	6.42
PTC013	MD5412	6	7	6.43	0.28	41.46	30.64	11.71	0.23	0.10		0.08	0.94	0.05	0.83	0.03				0.03				99.89	6.47
PTC013	MD5413	7	8	9.30	0.40	49.24	25.39	8.51	0.40	0.05		0.06	0.88	0.03	0.72	0.03				0.02				100.25	4.63
PTC013	MD5414	8	9	8.50	0.38	48.53	28.92	6.33	0.35	0.05		0.05	1.00	0.03	0.94	0.03				0.01				100.21	4.36
PTC013	MD5415	9	10	9.08	0.44	49.98	25.87	6.20	0.82	0.04		0.08	0.81	0.04	0.87	0.03				0.01				100.00	5.07
PTC013	MD5416	10	11	7.36	0.41	58.99	14.46	8.74	0.47	0.02		0.23	0.28	0.02	0.32	0.02				0.03				100.26	8.64
PTC013	MD5417	11	12	13.58	0.69	65.51	8.77	6.81	0.38	0.01		0.08	0.48	<0.01	0.18	0.01				0.10				99.94	3.09
PTC013	MD5418	12	13	17.54	0.78	63.88	7.70	6.52	0.35	0.01		0.04	0.64	<0.01	0.16	0.02				0.06				100.56	2.57
PTC013	MD5419	13	14	13.91	0.77	63.82	9.65	5.87	0.30	0.02		0.03	2.50	<0.01	0.29	0.02				0.12				100.23	2.48
PTC013	MD5421	14	15	11.87	0.68	62.26	11.60	4.65	0.40	0.06		0.02	4.49	0.01	0.45	0.03				0.16				100.00	2.75
PTC013	MD5422	15	16	9.37	0.52	64.97	12.27	4.07	0.43	0.03		0.02	3.95	0.01	0.51	0.03				0.20				100.41	3.38

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC013	MD5423	16	17	15.65	0.73	57.53	13.29	5.65	0.44	0.03		0.03	2.97	0.01	0.36	0.03				0.11				100.20	2.88
PTC013	MD5424	17	18	13.37	0.73	64.39	9.19	4.93	0.41	0.05		0.02	4.01	0.01	0.24	0.03				0.05				100.28	2.39
PTC013	MD5425	18	19	12.41	0.68	65.65	8.58	4.26	0.34	0.15		0.01	5.06	0.01	0.17	0.03				0.06				100.18	2.31
PTC013	MD5426	19	20	11.87	0.64	64.69	9.46	4.11	0.38	0.17		0.01	5.59	0.01	0.21	0.03				0.11				100.22	2.45
PTC013	MD5427	20	21	6.60	0.35	50.68	25.09	3.08	0.30	1.76		0.01	7.38	0.02	0.28	0.02				0.21				99.98	3.66
PTC013	MD5428	21	22	2.17	0.10	25.78	40.65	4.07	0.26	6.06		0.01	16.39	0.02	0.21	0.02				0.25				99.98	3.70
PTC013	MD5429	22	23	6.96	0.37	48.39	24.08	3.63	0.38	2.39		0.01	9.47	0.02	0.29	0.02				0.18				100.10	3.48
PTC013	MD5430	23	24	7.00	0.38	47.64	24.51	3.63	0.35	2.64		0.01	9.74	0.02	0.29	0.02				0.15				100.13	3.33
PTC013	MD5431	24	25	8.04	0.44	53.87	21.17	2.86	0.43	1.81		0.01	7.44	0.02	0.29	0.02				0.14				99.84	2.81
PTC013	MD5432	25	26	7.47	0.40	51.60	23.00	2.83	0.38	2.28		0.01	8.50	0.03	0.31	0.02				0.14				100.05	2.61
PTC013	MD5433	26	27	7.76	0.41	53.47	21.13	2.71	0.37	2.33		0.01	8.34	0.02	0.30	0.02				0.15				99.95	2.47
PTC013	MD5434	27	28	6.78	0.37	47.26	29.03	2.56	0.33	2.12		0.01	7.88	0.03	0.36	0.02				0.13				99.98	2.70
PTC013	MD5435	28	29	7.95	0.40	50.45	24.15	2.87	0.36	2.05		0.01	8.97	0.02	0.28	0.02				0.15				100.42	2.32
PTC013	MD5436	29	30	4.29	0.18	33.84	35.04	3.50	0.29	5.15		0.02	13.97	0.03	0.25	0.02				0.18				100.32	3.20
PTC014	MD5437	0	1	4.19	0.17	25.00	40.46	12.59	0.18	2.79		0.09	3.17	1.29	1.08	0.01				0.08				99.67	8.12
PTC014	MD5438	1	2	4.17	0.15	21.58	50.66	13.18	0.03	0.41		0.11	1.15	0.86	1.59	0.01				0.02				100.64	6.36
PTC014	MD5439	2	3	3.82	0.13	20.42	50.88	14.03	0.01	0.20		0.11	0.77	0.77	1.37	<0.01				0.01				99.72	6.95
PTC014	MD5441	3	4	3.75	0.10	19.57	48.68	16.22	0.02	0.10		0.10	1.13	1.16	1.47	0.01				0.01				100.44	7.79
PTC014	MD5442	4	5	3.35	0.12	18.00	46.11	17.18	0.07	3.20		0.06	3.01	1.09	1.48	0.01				0.01				100.04	6.14
PTC014	MD5443	5	6	3.31	0.13	18.36	45.15	13.20	0.14	7.29		0.02	6.26	1.22	1.54	0.01				0.01				99.88	3.00
PTC014	MD5444	6	7	3.53	0.14	20.48	43.48	12.03	0.17	7.66		0.02	6.49	1.03	1.50	0.01				0.02				99.69	2.87
PTC014	MD5445	7	8	3.66	0.10	20.28	46.72	13.24	0.07	3.40		0.03	3.94	1.24	1.73	0.01				0.01				99.87	5.09
PTC014	MD5446	8	9	3.21	0.10	18.67	45.87	13.12	0.12	5.67		0.02	5.10	1.65	1.50	0.01				0.02				99.71	4.33
PTC014	MD5447	9	10	3.22	0.09	18.79	44.85	13.93	0.35	5.93		0.02	4.74	1.32	1.39	0.01				0.02				99.86	4.69
PTC014	MD5448	10	11	3.14	0.09	17.74	46.19	14.05	0.13	5.90		0.02	5.15	1.56	1.49	0.01				0.01				100.08	4.24
PTC014	MD5449	11	12	3.41	0.08	19.15	45.88	14.96	0.08	3.03		0.03	3.42	1.54	1.50	0.01				0.01				99.67	6.19
PTC014	MD5450	12	13	3.41	0.09	18.53	43.25	15.82	0.11	3.62		0.03	4.73	2.50	1.11	0.02				0.01				99.56	5.94
PTC014	MD5451	13	14	3.60	0.10	19.83	40.35	16.58	0.14	4.10		0.02	4.94	2.78	0.83	0.02				0.01				99.74	6.03
PTC014	MD5452	14	15	3.44	0.10	23.08	39.73	13.25	0.18	3.30		0.02	7.29	1.97	1.08	0.02				0.12				99.56	5.49
PTC014	MD5453	15	16	3.94	0.13	30.69	37.29	6.71	0.35	3.61		0.02	10.19	0.48	1.30	0.02				0.23				99.46	4.00
PTC014	MD5454	16	17	5.03	0.20	30.72	35.48	11.26	0.40	3.27		0.02	5.62	1.34	1.03	0.02				0.08				100.03	5.00
PTC014	MD5455	17	18	2.41	0.09	23.57	44.86	12.02	0.20	0.97		0.02	5.88	1.96	1.19	0.02				0.10				99.86	6.05
PTC014	MD5456	18	19	5.14	0.20	34.91	35.54	5.86	0.30	2.90		0.02	8.86	1.03	1.06	0.02				0.12				99.63	3.30
PTC014	MD5457	19	20	3.06	0.14	31.79	38.30	4.57	0.23	4.93		0.01	11.88	0.54	1.06	0.02				0.01				99.42	2.54
PTC014	MD5458	20	21	7.91	0.39	45.81	26.99	5.49	0.29	1.74		0.01	5.39	0.63	0.88	0.03				0.04				99.61	3.33
PTC014	MD5459	21	22	10.09	0.54	56.77	16.70	3.90	0.36	1.18		0.01	7.06	0.51	0.53	0.03				0.08				100.17	1.98
PTC014	MD5461	22	23	7.14	0.38	49.27	25.11	3.02	0.28	1.34		0.01	9.01	0.06	0.31	0.02				0.12				99.38	2.96
PTC014	MD5462	23	24	6.28	0.33	45.74	29.66	2.93	0.31	2.37		0.01	8.25	0.06	0.31	0.02				0.15				99.73	2.93
PTC014	MD5463	24	25	6.77	0.35	46.26	28.02	3.31	0.34	2.63		0.02	6.91	0.07	0.44	0.02				0.12				99.63	3.75
PTC014	MD5464	25	26	11.12	0.57	60.08	14.34	4.08	0.29	1.08		0.02	4.97	0.05	0.27	0.03				0.04				100.05	2.66
PTC014	MD5465	26	27	10.05	0.54	63.94	11.94	3.55	0.30	1.03		0.02	5.63	0.04	0.14	0.03				0.04				100.40	2.73
PTC014	MD5466	27	28	10.61	0.57	58.27	14.10	4.01	0.31	1.29		0.01	7.00	0.03	0.17	0.03				0.07				99.60	2.76
PTC014	MD5467	28	29	10.86	0.60	57.23	15.36	3.43	0.29	1.79		0.01	7.70	0.02	0.15	0.02				0.11				99.94	2.10
PTC014	MD5468	29	30	5.84	0.31	40.92	29.49	3.20	0.25	4.23		0.01	11.93	0.03	0.15	0.02				0.17				99.64	2.82
PTC014	MD5469	30	31	6.15	0.33	44.68	28.64	2.96	0.38	3.32		0.01	10.20	0.03	0.19	0.02				0.15				100.05	2.56
PTC014	MD5470	31	32	4.73	0.23	36.31	36.18	2.80	0.29	4.45		0.01	11.85	0.02	0.18	0.02				0.17				100.13	2.58
PTC014	MD5471	32	33	2.01	0.10	24.97	45.57	2.03	0.25	6.71		0.01	14.34	0.02	0.21	0.01				0.26				99.61	2.76
PTC014	MD5472	33	34	2.79	0.13	27.62	39.45	2.48	0.26	7.08		0.01	15.00	0.02	0.18	0.01				0.26				99.74	4.10
PTC014	MD5473	34	35	2.90	0.13	28.41	35.62	2.38	0.26	6.82		0.12	16.49	0.05	0.18	0.01				0.25				99.48	5.64
PTC014	MD5474	35	36	2.70	0.14	27.06	34.99	2.76	0.31	8.59		0.29	16.86	0.05	0.13	0.01				0.13				99.41	5.38
PTC014	MD5475	36	37	1.79	0.08	27.41	38.67	2.89	0.25	5.99		0.25	17.47	0.10	0.17	0.01				0.05				99.58	4.40
PTC014	MD5476	37	38	1.42	0.06	23.30	39.79	3.65	0.27	7.16		0.30	18.89	0.02	0.09	0.01				0.03				99.50	4.56
PTC014	MD5477	38	39	1.46	0.07	23.84	40.07	3.35	0.27	6.43		0.38	20.11	0.04	0.08	0.01				0.03				99.65	3.65
PTC014	MD5478	39	40	1.37	0.07	23.88	39.43	3.27	0.28	6.87		0.34	20.70	0.03	0.07	0.01				0.03				99.66	3.39
PTC014	MD5479	40	41	1.41	0.06	22.71	39.63	3.50	0.30	7.11		0.31	20.55	0.04	0.08	0.01				0.03				99.73	4.02
PTC014	MD5481	41	42	1.43	0.06	22.62	40.73	3.62	0.27	6.81		0.24	20.69	0.03	0.07	0.01				0.02				99.77	3.16
PTC015	MD5482	0	1	3.27	0.13	18.86	44.56	13.59	0.15	5.82		0.05	4.98	1.17	1.64	0.01				0.03				100.08	5.53
PTC015	MD5483	1	2	3.13	0.13	17.19	46.13	13.55	0.13	6.67		0.03	6.31	0.96	1.65	0.01				0.01				99.84	3.77
PTC015	MD5484	2	3	3.19	0.12	17.65	47.86	13.85	0.09	4.33		0.04	4.71	0.84	1.74	0.01				0.01				99.70	5.10
PTC015	MD5485	3	4	3.38	0.13	19.22	47.63	14.01	0.08	2.91		0.05	3.61	0.89	1.88	0.01				0.01				99.97	5.96
PTC015	MD5486	4	5	3.67	0.12	19.40	49.51	13.38	0.05	0.90		0.05	2.79	0.82	2.61	0.01				0.01				100.05	6.47
PTC015	MD5487	5	6	3.47	0.11	19.46	47.55	14.24	0.06	0.92		0.04	3.31	1.96	1.84	0.01				0.01				99.94	6.69

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC015	MD5488	6	7	3.24	0.12	18.12	46.96	12.75	0.12	5.23		0.02	5.41	1.94	1.62	0.01				0.01				99.92	4.16
PTC015	MD5489	7	8	3.20	0.13	17.82	45.85	11.89	0.15	7.69		0.02	7.20	1.27	1.60	0.01				0.01				99.71	2.71
PTC015	MD5490	8	9	3.19	0.12	18.39	45.52	13.51	0.12	5.71		0.02	5.31	1.63	1.60	0.01				0.01				99.66	4.32
PTC015	MD5491	9	10	3.25	0.12	18.02	44.26	13.01	0.14	7.31		0.02	6.65	2.17	1.43	0.01				0.01				99.57	2.95
PTC015	MD5492	10	11	3.07	0.12	17.66	45.72	12.55	0.15	7.76		0.02	6.91	1.60	1.71	0.01				0.01				99.97	2.49
PTC015	MD5493	11	12	3.10	0.12	17.25	45.68	13.13	0.15	7.55		0.02	6.67	1.60	1.70	0.01				0.01				99.96	2.76
PTC015	MD5494	12	13	3.01	0.12	16.87	46.16	12.85	0.15	8.13		0.02	6.49	1.78	1.66	0.01				0.01				99.95	2.50
PTC015	MD5495	13	14	3.21	0.12	18.47	45.46	12.37	0.15	7.18		0.01	6.62	1.73	1.60	0.01				0.01				100.12	2.96
PTC015	MD5496	14	15	2.94	0.11	17.03	45.84	13.10	0.15	7.72		0.01	6.04	2.65	1.41	0.01				0.01				99.86	2.62
PTC015	MD5497	15	16	3.33	0.10	18.68	46.12	12.91	0.12	6.00		0.01	5.54	1.16	1.72	0.01				0.01				99.76	3.81
PTC015	MD5498	16	17	3.06	0.10	17.63	45.69	13.79	0.16	7.15		0.01	5.07	2.10	1.57	0.01				0.01				99.82	3.22
PTC015	MD5499	17	18	3.32	0.11	17.92	46.33	13.07	0.13	6.33		0.01	5.40	1.99	1.74	0.01				0.01				99.98	3.35
PTC015	MD5501	18	19	3.17	0.11	17.02	46.79	13.40	0.15	6.82		0.01	5.07	2.25	2.00	0.01				0.01				100.11	3.05
PTC015	MD5502	19	20	3.18	0.12	16.72	46.71	12.75	0.14	7.85		0.01	5.41	2.56	1.95	0.01				0.01				100.24	2.60
PTC015	MD5503	20	21	3.13	0.12	16.21	46.76	12.37	0.16	8.81		0.01	5.43	2.57	1.84	0.01				0.01				99.96	2.28
PTC015	MD5504	21	22	3.29	0.13	16.96	45.31	12.16	0.16	9.48		0.01	6.34	1.97	1.80	0.01				0.01				99.84	2.00
PTC015	MD5505	22	23	3.13	0.12	16.59	46.22	12.25	0.18	9.66		0.01	5.96	1.56	2.02	0.01				0.01				99.98	2.04
PTC015	MD5506	23	24	3.07	0.13	16.14	45.82	11.74	0.17	11.07		0.16	6.85	1.16	2.10	0.01				0.01				99.63	1.19
PTC016	MD5507	0	1	10.82	0.57	61.45	13.83	7.62	0.26	0.16		0.03	0.72	0.05	0.05	0.01				0.14				99.71	3.86
PTC016	MD5508	1	2	9.75	0.48	58.70	17.11	8.27	0.23	0.03		0.03	0.47	0.02	0.04	0.01				0.14				100.02	4.61
PTC016	MD5509	2	3	8.46	0.45	56.56	19.66	8.60	0.23	0.02		0.05	0.36	0.02	0.05	0.01				0.15				99.96	5.20
PTC016	MD5510	3	4	3.57	0.17	45.69	27.26	13.49	0.14	0.01		0.13	0.16	0.03	0.16	0.01				0.07				100.41	9.28
PTC016	MD5511	4	5	6.17	0.19	56.49	17.29	9.80	0.26	0.01		0.14	0.41	0.03	0.21	0.02				0.53				99.91	7.96
PTC016	MD5512	5	6	6.65	0.20	63.91	12.27	7.90	0.32	0.03		0.11	0.71	0.02	0.27	0.02				0.83				100.33	6.58
PTC016	MD5513	6	7	3.82	0.12	67.40	10.18	7.41	0.21	0.03		0.15	0.44	0.02	0.16	0.03				0.49				99.50	8.55
PTC016	MD5514	7	8	2.77	0.08	72.72	8.18	5.13	0.13	0.02		0.10	0.48	0.01	0.17	0.04				0.41				100.15	9.30
PTC016	MD5515	8	9	4.73	0.14	64.10	12.86	7.62	0.22	0.02		0.20	0.79	0.03	0.28	0.03				0.71				100.39	8.10
PTC016	MD5516	9	10	4.93	0.14	63.75	14.07	6.98	0.31	0.02		0.12	0.94	0.03	0.31	0.04				0.74				100.07	6.90
PTC016	MD5517	10	11	3.47	0.10	66.33	13.77	5.39	0.47	0.02		0.08	0.80	0.03	0.26	0.04				0.52				100.27	8.19
PTC016	MD5518	11	12	3.46	0.10	62.09	17.19	6.05	0.42	0.02		0.07	0.95	0.04	0.34	0.04				0.55				100.07	7.85
PTC016	MD5519	12	13	4.16	0.12	64.16	14.85	6.10	0.42	0.05		0.05	0.94	0.03	0.27	0.05				0.61				99.75	7.06
PTC016	MD5521	13	14	4.43	0.13	62.42	16.06	5.70	0.41	0.02		0.03	2.11	0.04	0.38	0.04				0.68				99.89	6.47
PTC016	MD5522	14	15	7.21	0.20	57.40	15.48	5.65	0.50	0.10		0.02	5.54	0.03	0.52	0.03				0.51				99.65	5.53
PTC016	MD5523	15	16	6.24	0.18	62.59	14.66	6.02	0.41	0.03		0.03	2.32	0.02	0.30	0.02				0.84				100.10	5.55
PTC016	MD5524	16	17	5.56	0.16	56.50	25.11	4.80	0.36	0.02		0.04	1.39	0.02	0.18	0.02				0.78				100.42	4.63
PTC016	MD5525	17	18	5.02	0.15	68.70	12.15	4.10	0.48	0.02		0.04	1.17	0.01	0.18	0.03				0.75				100.48	6.74
PTC016	MD5526	18	19	5.04	0.15	68.27	13.93	3.77	0.55	0.02		0.03	0.84	0.01	0.17	0.04				0.64				100.24	5.92
PTC016	MD5527	19	20	5.05	0.10	47.72	24.35	4.79	0.59	2.26		0.02	8.10	0.04	0.39	0.03				0.44				99.97	5.30
PTC016	MD5528	20	21	3.32	0.15	39.51	31.16	3.33	0.43	4.97		0.02	12.29	0.04	0.29	0.03				0.31				100.50	4.04
PTC016	MD5529	21	22	2.50	0.09	45.00	27.19	4.22	0.53	3.22		0.02	10.37	0.05	0.44	0.03				0.26				100.22	5.45
PTC016	MD5530	22	23	2.73	0.08	44.50	25.78	7.07	0.51	0.97		0.02	10.07	0.06	0.74	0.04				0.18				100.32	6.75
PTC016	MD5531	23	24	2.44	0.07	47.78	23.12	6.49	0.45	0.85		0.03	9.28	0.05	0.70	0.03				0.15				99.57	7.20
PTC016	MD5532	24	25	3.06	0.09	49.29	24.03	5.57	0.61	0.64		0.03	7.67	0.06	0.63	0.03				0.44				100.06	7.03
PTC016	MD5533	25	26	2.28	0.07	38.90	35.66	5.01	0.29	1.76		0.02	9.68	0.06	0.51	0.02				0.15				100.38	5.38
PTC016	MD5534	26	27	1.40	0.04	31.46	43.79	4.00	0.23	2.30		0.01	11.57	0.06	0.34	0.02				0.04				100.39	4.64
PTC016	MD5535	27	28	1.39	0.03	30.93	44.00	4.35	0.18	1.72		0.01	11.64	0.05	0.35	0.01				0.05				100.28	5.06
PTC016	MD5536	28	29	1.75	0.05	34.61	36.44	5.03	0.26	2.88		0.02	12.15	0.05	0.56	0.02				0.21				100.07	5.43
PTC016	MD5537	29	30	1.50	0.06	33.36	39.31	3.66	0.21	3.97		0.01	11.87	0.06	0.45	0.02				0.31				100.05	4.68
PTC017	MD5538	0	1	3.47	0.16	26.94	44.31	12.16	0.12	0.99		0.15	3.17	1.02	0.77	0.01				0.17				100.34	6.67
PTC017	MD5539	1	2	6.88	0.27	36.93	34.80	9.62	0.18	0.10		0.06	3.44	1.21	0.78	0.02				0.07				100.08	5.43
PTC017	MD5541	2	3	8.23	0.32	39.37	35.33	7.74	0.25	0.90		0.04	2.56	0.20	0.65	0.02				0.04				100.05	4.16
PTC017	MD5542	3	4	9.30	0.36	42.99	31.03	7.02	0.28	1.45		0.04	2.87	0.16	0.58	0.02				0.01				100.27	3.85
PTC017	MD5543	4	5	9.91	0.38	44.64	27.84	6.54	0.29	2.02		0.02	3.69	0.13	0.58	0.02				0.01				99.66	3.21
PTC017	MD5544	5	6	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
PTC017	MD5545	6	7	4.53	0.17	34.10	35.69	5.11	0.32	4.79		0.02	10.19	0.09	0.62	0.02				0.13				99.86	3.60
PTC017	MD5546	7	8	3.10	0.11	31.29	37.80	6.06	0.26	3.61		0.02	12.17	0.06	0.74	0.02				0.17				100.47	4.56
PTC017	MD5547	8	9	1.87	0.05	33.15	40.24	3.52	0.47	3.55		0.02	10.83	0.06	0.65	0.02				0.20				100.29	4.81
PTC017	MD5548	9	10	1.83	0.05	31.30	40.60	3.70	0.41	3.81		0.02	11.79	0.05	0.65	0.02				0.18				99.84	4.69
PTC017	MD5549	10	11	3.12	0.11	31.67	38.55	4.56	0.31	4.31		0.02	11.99	0.05	0.71	0.02				0.12				100.12	4.06
PTC017	MD5550	11	12	3.59	0.12	26.62	41.33	3.79	0.26	6.87		0.02	13.40	0.06	0.51	0.02				0.20				100.06	2.90
PTC017	MD5551	12	13	6.83	0.27	38.40	33.70	6.34	0.45	2.12		0.02	5.03	0.13	0.90	0.02				0.03				99.82	4.55
PTC017	MD5552	13	14	9.36	0.38	46.23	24.58	6.46	0.38	1.29		0.01	5.43	0.08	0.71	0.03				0.04				99.52	3.84

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC017	MD5553	14	15	10.41	0.49	54.65	19.22	5.41	0.36	0.80		0.01	4.13	0.06	0.47	0.03				0.03				99.83	3.05
PTC017	MD5554	15	16	11.52	0.55	59.88	14.93	5.42	0.38	0.17		0.01	3.39	0.05	0.34	0.02				0.03				100.29	3.12
PTC017	MD5555	16	17	11.38	0.57	60.25	14.68	5.44	0.36	0.15		0.01	3.22	0.04	0.35	0.02				0.04				99.90	2.91
PTC017	MD5556	17	18	10.39	0.50	58.59	16.47	5.90	0.35	0.13		0.01	3.43	0.05	0.41	0.03				0.05				100.18	3.18
PTC017	MD5557	18	19	10.33	0.49	58.37	16.12	5.68	0.38	0.27		0.01	4.52	0.04	0.41	0.03				0.09				100.38	3.05
PTC017	MD5558	19	20	8.71	0.40	53.49	18.14	6.73	0.43	0.15		0.01	6.37	0.05	0.49	0.03				0.11				99.82	4.15
PTC017	MD5559	20	21	3.18	0.12	26.97	44.66	5.09	0.25	0.63		0.01	12.86	0.03	0.51	0.02				0.23				99.76	4.77
PTC017	MD5561	21	22	2.38	0.06	23.85	46.19	2.13	0.20	0.93		0.01	18.43	0.02	0.33	0.02				0.37				99.46	4.14
PTC017	MD5562	22	23	2.34	0.06	24.96	46.33	1.92	0.32	0.92		0.01	17.23	0.03	0.31	0.02				0.36				99.47	4.20
PTC017	MD5563	23	24	2.62	0.07	26.79	43.45	2.37	0.39	4.06		0.01	15.15	0.04	0.43	0.02				0.37				99.91	3.69
PTC018	MD5564	0	1	5.97	0.28	37.27	31.76	7.92	0.23	2.71		0.05	6.05	0.52	0.54	0.02				0.15				100.13	6.32
PTC018	MD5565	1	2	3.29	0.15	23.06	42.80	13.92	0.08	0.11		0.09	5.14	2.78	1.00	0.01				0.03				99.74	6.99
PTC018	MD5566	2	3	3.24	0.16	21.80	40.78	14.99	0.09	0.05		0.10	6.74	3.57	0.83	0.01				0.01				99.77	7.22
PTC018	MD5567	3	4	3.72	0.14	20.48	40.10	16.89	0.09	0.03		0.09	6.45	3.73	0.82	0.01				<0.01				100.21	7.45
PTC018	MD5568	4	5	4.22	0.15	23.11	38.68	15.95	0.09	0.03		0.09	6.00	3.37	0.77	0.01				<0.01				100.15	7.44
PTC018	MD5569	5	6	3.41	0.14	18.80	41.43	18.17	0.07	0.06		0.07	5.58	3.65	0.91	0.01				<0.01				99.63	7.15
PTC018	MD5570	6	7	3.93	0.16	21.04	38.81	17.31	0.14	1.62		0.04	6.03	3.76	0.68	0.01				<0.01				99.81	6.01
PTC018	MD5571	7	8	4.17	0.17	20.87	42.44	15.92	0.15	0.55		0.03	4.76	3.21	1.04	0.01				<0.01				100.07	6.52
PTC018	MD5572	8	9	3.39	0.13	19.49	38.17	17.46	0.23	5.82		0.02	6.00	3.72	0.56	0.02				<0.01				99.65	4.30
PTC018	MD5573	9	10	4.06	0.17	22.84	39.81	15.27	0.18	3.68		0.02	4.83	2.61	0.89	0.02				<0.01				100.32	5.65
PTC018	MD5574	10	11	4.15	0.15	25.17	41.14	10.02	0.41	4.48		0.01	7.51	1.00	1.06	0.02				0.08				100.04	4.50
PTC018	MD5575	11	12	2.08	0.07	21.70	42.61	4.12	0.35	6.89		0.01	17.50	0.19	0.49	0.01				0.25				99.87	3.29
PTC018	MD5576	12	13	1.68	0.07	18.69	45.84	4.20	0.39	7.23		0.01	17.72	0.45	0.56	0.01				0.24				100.41	2.95
PTC018	MD5577	13	14	4.93	0.17	28.40	38.12	5.04	0.28	6.12		0.01	13.30	0.96	0.61	0.02				0.13				100.35	1.94
PTC018	MD5578	14	15	6.83	0.24	34.39	32.57	4.93	0.32	5.52		0.01	11.77	0.84	0.51	0.02				0.10				99.67	1.39
PTC018	MD5579	15	16	2.94	0.10	22.79	42.95	3.60	0.23	8.02		0.01	15.92	0.55	0.42	0.01				0.19				99.91	1.96
PTC018	MD5581	16	17	5.58	0.22	27.69	37.50	6.10	0.24	9.93		0.01	9.45	0.43	0.60	0.02				0.02				99.60	1.57
PTC018	MD5582	17	18	4.60	0.19	28.28	38.15	5.34	0.30	7.37		0.02	11.35	1.06	0.57	0.02				0.10				99.52	1.86
PTC018	MD5583	18	19	4.85	0.20	31.12	35.71	6.10	0.23	5.76		0.02	10.56	1.64	0.56	0.02				0.08				99.72	2.40
PTC018	MD5584	19	20	2.54	0.09	22.32	43.07	5.77	0.35	7.39		0.01	13.35	1.18	0.63	0.01				0.16				99.58	2.29
PTC018	MD5585	20	21	4.51	0.16	24.99	39.44	6.31	0.26	8.26		0.02	11.59	1.00	0.59	0.02				0.11				99.66	1.99
PTC018	MD5586	21	22	6.15	0.26	32.19	34.36	5.82	0.25	7.63		0.03	9.37	0.61	0.55	0.02				0.02				99.45	1.87
PTC018	MD5587	22	23	8.74	0.39	43.09	25.72	5.35	0.36	4.02		0.02	8.46	0.50	0.40	0.03				0.01				99.83	2.18
PTC018	MD5588	23	24	3.97	0.18	28.67	37.12	4.07	0.28	6.96		0.01	15.35	0.14	0.23	0.01				0.14				100.01	2.56
PTC018	MD5589	24	25	1.72	0.07	21.09	44.98	3.24	0.42	6.12		0.01	17.88	0.07	0.21	0.01				0.24				100.05	3.54
PTC018	MD5590	25	26	1.88	0.05	18.62	43.60	1.42	0.25	5.61		0.01	18.06	0.02	0.15	0.01				0.25				100.07	9.85
PTC018	MD5591	26	27	2.05	0.05	17.34	36.08	1.41	0.24	8.93		0.01	19.44	0.03	0.11	0.01				0.22				100.43	14.25
PTC018	MD5592	27	28	1.90	0.05	18.74	33.37	1.50	0.25	7.50		0.03	21.39	0.02	0.08	0.01				0.25				nr	14.23
PTC018	MD5593	28	29	1.89	0.05	18.39	32.76	1.53	0.23	7.78		0.01	21.56	0.02	0.07	0.01				0.25				nr	14.68
PTC018	MD5594	29	30	1.84	0.05	18.97	33.42	1.44	0.23	6.72		0.01	21.86	0.01	0.07	0.01				0.27				nr	14.31
PTC018	MD5595	30	31	1.66	0.05	17.23	31.43	1.35	0.22	8.67		0.01	21.86	0.01	0.07	0.01				0.24				nr	16.41
PTC018	MD5596	31	32	2.05	0.06	19.13	36.62	1.63	0.22	8.46		0.01	20.55	0.03	0.14	0.01				0.26				nr	10.31
PTC018	MD5597	32	33	1.82	0.05	19.97	37.00	1.53	0.23	7.10		0.12	22.50	0.04	0.12	0.01				0.29				nr	8.84
PTC018	MD5598	33	34	1.75	0.05	19.72	36.88	1.43	0.23	7.24		0.10	21.99	0.05	0.14	0.01				0.29				nr	9.42
PTC018	MD5599	34	35	1.88	0.06	20.52	35.68	1.41	0.24	7.41		0.14	22.36	0.05	0.11	0.01				0.29				nr	9.31
PTC018	MD5601	35	36	1.71	0.05	18.31	38.59	1.56	0.23	8.28		0.01	20.89	0.03	0.13	0.01				0.26				nr	9.24
PTC018	MD5602	36	37	1.87	0.05	19.70	37.36	1.56	0.22	7.56		0.01	20.67	0.05	0.14	0.01				0.27				nr	10.08
PTC018	MD5603	37	38	1.74	0.05	19.17	36.10	1.57	0.21	7.29		0.01	21.02	0.03	0.12	0.01				0.27				nr	11.55
PTC018	MD5604	38	39	1.62	0.05	17.20	33.89	4.79	0.19	7.35		0.01	22.31	0.03	0.09	0.01				0.23				nr	11.54
PTC018	MD5605	39	40	2.47	0.06	18.92	34.07	2.47	0.22	8.68		0.01	21.16	0.02	0.09	0.01				0.19				nr	11.54
PTC018	MD5606	40	41	1.71	0.05	18.26	36.45	1.76	0.22	8.18		0.01	22.12	0.02	0.09	0.01				0.25				nr	10.43
PTC018	MD5607	41	42	1.59	0.04	17.17	30.17	1.32	0.22	8.74		0.01	22.72	0.01	0.07	0.01				0.23				nr	17.30
PTC018	MD5608	42	43	3.04	0.08	21.89	30.63	2.37	0.30	10.04		0.01	18.90	0.03	0.08	0.01				0.18				nr	11.71
PTC018	MD5609	43	44	2.34	0.09	22.91	36.77	2.69	0.26	9.34		0.02	18.44	0.23	0.15	0.01				0.14				nr	6.01
PTC018	MD5610	44	45	1.21	0.05	19.15	43.57	3.51	0.24	7.32		0.01	19.67	1.58	0.23	0.01				0.11				nr	2.64
PTC018	MD5611	45	46	0.99	0.04	20.05	45.31	2.80	0.21	5.66		0.01	20.03	1.75	0.18	0.01				0.11				nr	2.26
PTC018	MD5612	46	47	1.10	0.03	20.16	44.16	3.34	0.26	5.67		0.01	19.76	2.30	0.21	0.01				0.18				nr	2.16
PTC018	MD5613	47	48	1.01	0.03	18.48	44.74	3.94	0.24	5.75		0.01	19.26	2.87	0.23	0.01				0.14				nr	2.32
PTC018	MD5614	48	49	0.86	0.03	19.05	48.47	3.41	0.23	4.30		0.01	17.54	2.51	0.21	0.01				0.03				nr	2.51
PTC018	MD5615	49	50	0.55	0.01	19.75	41.48	2.65	0.27	7.18		0.34	19.19	0.86	0.22	0.01				0.02				nr	6.88
PTC018	MD5616	50	51	0.49	0.01	18.66	43.99	2.69	0.23	4.49		0.56	22.09	0.54	0.13	0.01				0.02				nr	5.24
PTC018	MD5617	51	52	0.85	0.03	18.40	40.66	4.93	0.23	2.96		0.29	22.69	2.26	0.17	0.02				0.07				nr	5.62

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC018	MD5618	52	53	0.59	0.02	19.11	41.04	3.36	0.24	4.23		0.57	23.01	0.88	0.15	0.01				0.04				nr	5.61
PTC018	MD5619	53	54	0.79	0.02	19.49	40.88	2.55	0.23	5.39		0.36	21.14	0.68	0.16	0.01				0.11				nr	7.34
PTC018	MD5621	54	55	0.94	0.03	18.62	44.78	3.37	0.24	4.69		0.06	19.03	1.45	0.23	0.02				0.08				nr	5.72
PTC018	MD5622	55	56	1.16	0.04	16.49	42.04	4.12	0.25	6.97		0.08	20.52	1.76	0.20	0.03				0.17				nr	5.62
PTC018	MD5623	56	57	1.09	0.03	16.33	43.52	3.83	0.21	6.28		0.16	19.88	1.01	0.18	0.02				0.17				nr	6.56
PTC018	MD5624	57	58	0.68	0.02	16.21	44.22	3.76	0.21	4.38		0.06	22.27	0.81	0.21	0.02				0.06				nr	6.31
PTC018	MD5625	58	59	0.72	0.02	22.43	40.52	2.80	0.32	2.00		0.32	22.87	0.15	0.10	0.01				0.02				nr	7.36
PTC018	MD5626	59	60	0.88	0.02	19.95	41.72	3.48	0.24	3.57		0.54	20.93	0.55	0.10	0.01				0.10				nr	6.79
PTC018	MD5627	60	61	0.75	0.02	19.36	39.86	2.46	0.23	5.74		0.60	21.84	0.28	0.11	0.01				0.11				nr	7.85
PTC018	MD5628	61	62	1.01	0.03	15.55	32.96	3.29	0.19	9.31		0.57	21.96	1.29	0.17	0.01				0.09				nr	12.42
PTC018	MD5629	62	63	1.04	0.03	16.50	39.31	2.75	0.19	5.87		0.72	24.27	0.36	0.12	0.01				0.24				nr	8.04
PTC018	MD5630	63	64	1.08	0.03	16.59	41.10	3.18	0.20	5.23		0.53	25.98	0.13	0.07	0.01				0.33				nr	4.60
PTC018	MD5631	64	65	1.12	0.03	16.70	42.71	3.11	0.18	4.16		0.79	26.30	0.15	0.08	0.01				0.34				nr	3.91
PTC018	MD5632	65	66	1.16	0.03	17.80	40.59	2.90	0.23	4.42		1.09	27.07	0.09	0.08	0.01				0.37				nr	4.26
PTC019	MD5633	0	1	3.47	0.14	19.65	42.60	10.79	0.17	6.48		0.06	7.47	1.27	1.52	0.01				0.04				nr	6.04
PTC019	MD5634	1	2	3.20	0.12	17.07	47.44	12.96	0.13	6.54		0.03	6.45	0.99	1.74	0.01				0.01				nr	3.42
PTC019	MD5635	2	3	3.13	0.13	17.24	46.09	12.61	0.16	8.05		0.02	7.36	1.02	1.66	0.01				0.01				nr	2.54
PTC019	MD5636	3	4	3.01	0.12	16.67	45.41	12.45	0.16	9.58		0.02	7.45	1.01	1.65	0.01				0.01				nr	1.81
PTC019	MD5637	4	5	3.04	0.12	16.42	45.59	12.72	0.16	10.41		0.01	7.13	1.00	1.79	0.01				0.01				nr	1.44
PTC019	MD5638	5	6	3.07	0.12	17.03	46.50	12.55	0.14	7.55		0.02	6.57	1.36	1.94	0.01				0.01				nr	2.55
PTC019	MD5639	6	7	3.11	0.12	16.94	45.51	12.82	0.14	7.41		0.03	6.87	1.45	1.76	0.01				0.01				nr	3.25
PTC019	MD5641	7	8	3.04	0.12	16.11	44.88	12.39	0.16	11.37		0.01	7.07	1.21	1.67	0.01				0.01				nr	1.60
PTC019	MD5642	8	9	3.04	0.12	16.00	45.81	12.78	0.15	9.70		0.01	6.39	1.54	1.93	0.01				<0.01				nr	1.83
PTC019	MD5643	9	10	3.10	0.13	16.31	44.78	12.49	0.17	11.04		0.01	6.88	1.48	1.70	0.01				0.01				nr	1.49
PTC019	MD5644	10	11	3.02	0.12	16.62	46.24	12.12	0.17	10.09		0.01	6.74	1.33	2.16	0.01				0.01				nr	1.45
PTC019	MD5645	11	12	2.91	0.12	16.54	45.44	12.91	0.16	9.35		0.02	6.45	1.61	2.13	0.02				0.01				nr	1.88
PTC019	MD5646	12	13	2.75	0.10	16.40	46.38	12.75	0.17	9.35		0.01	6.49	1.39	2.32	0.02				0.01				nr	1.65
PTC019	MD5647	13	14	2.66	0.06	12.80	51.79	13.49	0.14	6.43		0.01	5.52	1.86	3.22	0.01				0.02				nr	1.65
PTC019	MD5648	14	15	3.18	0.12	21.17	43.21	12.84	0.48	2.34		0.02	6.35	2.69	1.69	0.02				0.02				nr	5.20
PTC019	MD5649	15	16	3.19	0.12	18.43	45.99	14.15	0.19	3.46		0.02	4.89	2.25	1.76	0.02				0.01				nr	5.02
PTC019	MD5650	16	17	3.14	0.13	18.49	40.87	15.81	0.21	3.52		0.02	7.57	4.04	0.98	0.02				0.01				nr	4.45
PTC019	MD5651	17	18	3.42	0.14	18.78	38.40	17.16	0.21	5.69		0.02	6.48	3.99	0.61	0.02				<0.01				nr	4.39
PTC019	MD5652	18	19	3.68	0.13	20.48	37.39	16.59	0.19	4.90		0.02	6.51	4.22	0.59	0.02				<0.01				nr	4.56
PTC019	MD5653	19	20	3.68	0.14	20.97	37.45	17.16	0.15	4.15		0.10	5.77	3.80	0.65	0.01				<0.01				nr	5.31
PTC019	MD5654	20	21	3.85	0.14	20.91	36.65	15.01	0.21	7.88		0.02	7.38	3.81	0.37	0.02				0.02				nr	3.11
PTC019	MD5655	21	22	2.60	0.11	22.61	43.04	4.67	0.22	7.99		0.02	13.70	1.70	0.41	0.01				0.19				nr	2.02
PTC019	MD5656	22	23	2.89	0.12	23.68	41.89	6.31	0.26	6.62		0.02	12.77	1.40	0.56	0.02				0.14				nr	2.52
PTC019	MD5657	23	24	3.71	0.13	25.26	39.25	5.51	0.26	7.45		0.01	14.20	0.60	0.46	0.02				0.16				nr	2.29
PTC019	MD5658	24	25	3.81	0.13	23.84	39.45	6.48	0.24	6.94		0.02	14.15	0.85	0.49	0.02				0.13				nr	2.69
PTC019	MD5659	25	26	4.16	0.18	27.25	37.37	5.96	0.25	6.19		0.08	13.19	2.16	0.44	0.02				0.12				nr	1.76
PTC019	MD5661	26	27	4.91	0.22	36.31	30.86	4.41	0.30	5.18		0.83	13.00	0.67	0.27	0.02				0.08				nr	2.44
PTC019	MD5662	27	28	4.42	0.20	32.37	33.52	5.25	0.26	5.85		1.08	14.08	0.91	0.32	0.02				0.11				nr	2.03
PTC019	MD5663	28	29	2.14	0.08	20.97	44.03	3.43	0.23	8.54		0.10	16.92	0.34	0.29	0.02				0.25				nr	1.99
PTC019	MD5664	29	30	5.91	0.25	30.44	34.03	6.48	0.24	7.64		1.00	10.47	0.87	0.53	0.02				0.04				nr	2.22
PTC020	MD5665	0	1	4.22	0.18	23.54	41.24	11.73	0.18	4.77		0.05	5.13	1.34	1.23	0.01				0.06				nr	6.22
PTC020	MD5666	1	2	3.55	0.15	20.52	46.63	13.64	0.10	2.86		0.06	4.15	1.29	1.67	0.01				0.05				nr	5.25
PTC020	MD5667	2	3	3.49	0.14	18.50	49.50	12.44	0.09	4.13		0.04	4.44	0.95	2.11	0.01				0.01				nr	4.41
PTC020	MD5668	3	4	3.33	0.13	17.61	47.91	12.65	0.12	6.04		0.03	5.73	1.22	1.88	0.01				0.01				nr	3.40
PTC020	MD5669	4	5	3.15	0.13	17.42	48.64	12.92	0.09	4.57		0.04	4.80	1.97	2.10	0.01				0.01				nr	3.81
PTC020	MD5670	5	6	3.27	0.13	18.54	47.69	12.22	0.10	4.78		0.03	5.33	1.34	1.95	0.01				0.01				nr	4.06
PTC020	MD5671	6	7	3.34	0.15	17.98	45.40	12.15	0.15	7.95		0.02	6.97	1.27	1.83	0.01				0.01				nr	2.80
PTC020	MD5672	7	8	3.15	0.13	17.04	44.73	11.51	0.17	10.41		0.01	7.37	1.28	1.52	0.01				0.01				nr	2.00
PTC020	MD5673	8	9	3.02	0.12	16.70	45.05	11.66	0.17	11.09		0.01	7.20	1.13	1.57	0.01				0.01				nr	1.96
PTC020	MD5674	9	10	3.08	0.13	16.87	44.90	11.83	0.18	11.41		0.01	7.33	1.32	1.57	0.01				0.01				nr	1.45
PTC020	MD5676	10	11	3.14	0.13	16.84	45.15	11.80	0.18	10.98		0.01	7.19	1.22	1.71	0.01				0.01				nr	1.63
PTC020	MD5677	11	12	3.23	0.13	17.19	44.59	11.80	0.17	11.56		0.01	7.43	1.08	1.55	0.01				0.01				nr	1.25
PTC020	MD5678	12	13	3.10	0.13	16.90	44.94	12.03	0.17	11.43		0.01	7.23	1.00	1.62	0.01				0.01				nr	1.53
PTC020	MD5679	13	14	3.10	0.13	16.48	45.44	12.63	0.17	10.83		0.01	6.57	1.25	1.78	0.01				0.01				nr	1.82
PTC020	MD5681	14	15	3.09	0.13	16.08	44.81	12.78	0.16	11.75		0.02	6.73	1.20	1.74	0.01				0.01				nr	1.27
PTC020	MD5682	15	16	3.15	0.13	16.87	43.99	11.98	0.17	12.15		0.01	7.33	0.91	1.50	0.01				0.01				nr	1.04
PTC020	MD5683	16	17	3.04	0.13	16.33	45.17	12.17	0.17	11.79		0.02	7.20	1.03	1.64	0.01				0.01				nr	1.17
PTC020	MD5684	17	18	3.08	0.13	16.15	44.85	12.33	0.17	12.08		0.09	7.06	1.10	1.76	0.01				0.01				nr	0.97

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC020	MD5685	18	19	3.06	0.13	15.97	45.03	12.60	0.16	11.60		0.01	6.49	1.24	1.95	0.01				0.01				nr	1.46
PTC020	MD5686	19	20	3.11	0.13	16.51	44.82	12.07	0.17	11.85		0.05	7.20	1.16	1.68	0.01				0.01				nr	1.10
PTC020	MD5687	20	21	3.00	0.13	16.32	45.16	12.05	0.17	12.18		0.05	7.38	1.04	1.71	0.01				0.01				nr	1.06
PTC020	MD5688	21	22	2.82	0.12	15.50	47.59	11.42	0.17	11.63		0.02	7.18	0.75	2.08	0.01				0.01				nr	0.66
PTC020	MD5689	22	23	3.04	0.12	16.01	46.07	11.89	0.19	11.43		0.01	7.15	1.19	1.77	0.02				0.01				nr	1.10
PTC020	MD5690	23	24	3.04	0.13	17.67	45.64	11.42	0.21	11.13		0.01	6.69	0.78	1.84	0.02				0.01				nr	1.38
PTC020	MD5691	24	25	3.12	0.15	16.66	44.09	11.60	0.19	13.54		0.01	7.09	0.84	1.26	0.02				0.01				nr	1.40
PTC020	MD5692	25	26	3.08	0.14	17.92	40.80	14.04	0.18	10.35		0.07	7.40	3.08	0.92	0.02				0.01				nr	1.97
PTC020	MD5693	26	27	3.11	0.14	16.51	44.86	11.57	0.19	12.40		0.16	7.08	1.23	1.60	0.02				0.01				nr	0.96
PTC020	MD5694	27	28	3.18	0.13	17.35	44.70	11.43	0.20	11.92		0.21	7.24	1.16	1.68	0.02				0.01				nr	0.82
PTC020	MD5695	28	29	3.36	0.13	18.28	40.82	13.07	0.18	12.14		0.84	6.55	1.77	1.28	0.02				<0.01				nr	1.79
PTC020	MD5696	29	30	3.17	0.12	17.45	42.11	14.20	0.20	10.14		1.22	5.92	1.99	1.88	0.02				<0.01				nr	1.75
PTC021	MD5697	0	1	5.49	0.26	29.50	33.73	9.79	0.26	7.53		0.08	3.54	1.08	0.86	0.01				0.05				nr	7.55
PTC021	MD5698	1	2	5.98	0.28	31.40	35.85	10.33	0.24	3.74		0.07	4.02	1.05	1.13	0.01				0.06				nr	5.71
PTC021	MD5699	2	3	3.04	0.13	19.57	47.41	14.59	0.11	1.50		0.08	3.40	1.45	1.49	0.01				0.07				nr	6.50
PTC021	MD5701	3	4	3.31	0.14	19.04	46.92	14.66	0.10	3.41		0.06	3.98	1.37	1.83	0.01				0.04				nr	5.20
PTC021	MD5702	4	5	3.41	0.13	17.22	48.48	13.43	0.10	4.76		0.03	4.47	1.20	2.89	0.01				0.01				nr	3.38
PTC021	MD5703	5	6	3.90	0.16	19.39	46.15	12.06	0.11	6.31		0.02	5.56	0.93	1.92	0.01				0.05				nr	3.59
PTC021	MD5704	6	7	3.34	0.14	17.15	44.27	12.85	0.16	11.16		0.04	6.54	0.93	1.79	0.01				0.01				nr	1.64
PTC021	MD5705	7	8	3.30	0.14	16.74	43.88	13.17	0.16	11.37		0.09	6.47	0.98	1.81	0.01				0.01				nr	1.42
PTC021	MD5706	8	9	3.55	0.15	17.53	43.78	12.57	0.16	11.44		0.08	6.63	0.94	1.70	0.01				<0.01				nr	1.41
PTC021	MD5707	9	10	3.37	0.14	17.20	43.93	12.30	0.17	11.73		0.04	7.05	0.83	1.62	0.01				0.01				nr	1.30
PTC021	MD5708	10	11	3.54	0.14	17.27	43.33	12.99	0.16	11.39		0.01	5.96	0.81	1.84	0.01				0.01				nr	2.22
PTC021	MD5709	11	12	3.30	0.14	16.85	43.20	12.24	0.17	12.60		0.13	6.79	0.85	1.64	0.01				0.01				nr	2.07
PTC021	MD5710	12	13	3.31	0.14	17.09	43.67	12.20	0.17	12.26		0.05	7.06	0.85	1.68	0.01				0.01				nr	1.61
PTC021	MD5711	13	14	3.30	0.14	16.89	44.22	12.41	0.17	12.11		0.25	7.04	0.66	1.81	0.01				0.01				nr	1.14
PTC021	MD5712	14	15	3.35	0.14	17.32	43.31	12.20	0.18	12.39		0.15	7.10	0.66	1.68	0.01				0.01				nr	1.42
PTC021	MD5713	15	16	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
PTC021	MD5714	16	17	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
PTC021	MD5715	17	18	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
PTC021	MD5716	18	19	nr	nr	nr	nr	nr	nr	nr		nr	nr	nr	nr	nr				nr				nr	nr
PTC021	MD5717	19	20	3.04	0.13	17.15	45.01	12.35	0.21	11.29		0.25	6.43	1.25	1.85	0.01				0.01				nr	1.46
PTC021	MD5718	20	21	3.23	0.14	17.03	42.84	12.62	0.18	12.24		0.59	7.24	1.60	1.47	0.01				0.01				nr	1.54
PTC021	MD5719	21	22	3.09	0.13	16.38	44.00	12.17	0.17	11.57		0.78	7.32	1.71	1.67	0.01				0.01				nr	1.59
PTC021	MD5721	22	23	3.04	0.12	16.08	44.22	12.50	0.17	12.17		0.73	7.08	1.23	1.77	0.01				0.01				nr	1.29
PTC021	MD5722	23	24	3.07	0.13	16.20	44.28	12.37	0.18	12.11		0.67	7.07	1.34	1.80	0.01				0.01				nr	1.41
PTC021	MD5723	24	25	2.96	0.13	16.48	43.29	12.04	0.16	11.74		1.68	7.34	1.48	1.71	0.01				0.01				nr	2.43
PTC021	MD5724	25	26	2.94	0.12	15.31	44.70	12.68	0.16	11.75		1.11	6.56	1.46	2.07	0.01				0.01				nr	1.79
PTC021	MD5725	26	27	3.03	0.13	16.71	45.91	11.71	0.17	11.63		0.41	6.99	1.02	2.03	0.02				0.01				nr	0.84
PTC021	MD5726	27	28	2.76	0.12	18.40	42.25	11.75	0.17	12.28		0.81	7.80	1.55	1.06	0.02				0.01				nr	1.68
PTC021	MD5727	28	29	3.33	0.14	17.47	44.84	11.04	0.18	12.33		0.09	7.29	0.92	1.65	0.02				0.01				nr	1.08
PTC021	MD5728	29	30	3.04	0.13	16.39	45.43	11.83	0.18	11.86		0.06	6.93	0.82	2.01	0.02				0.01				nr	1.24
PTC022	MD5729	0	1	4.57	0.21	24.23	33.04	8.71	0.20	9.51		0.06	5.40	0.95	0.99	0.01				0.05				nr	12.05
PTC022	MD5730	1	2	3.83	0.16	21.83	45.24	13.14	0.13	2.32		0.08	3.46	1.15	1.55	0.01				0.07				nr	6.96
PTC022	MD5731	2	3	3.39	0.15	18.71	45.64	14.13	0.14	5.98		0.04	4.80	0.87	1.92	0.01				0.04				nr	3.97
PTC022	MD5732	3	4	3.45	0.15	17.22	45.44	13.61	0.14	8.73		0.02	6.00	0.54	2.05	0.01				0.01				nr	2.03
PTC022	MD5733	4	5	3.41	0.15	17.32	45.82	13.74	0.14	8.81		0.02	6.10	0.62	2.07	0.01				0.01				nr	1.72
PTC022	MD5734	5	6	3.43	0.15	17.83	45.39	13.82	0.14	8.74		0.02	6.11	0.53	2.16	0.01				0.01				nr	1.68
PTC022	MD5735	6	7	3.26	0.14	17.19	45.62	13.96	0.14	8.34		0.02	6.00	0.92	1.98	0.01				0.01				nr	2.07
PTC022	MD5736	7	8	3.30	0.14	16.80	45.24	13.99	0.14	9.77		0.01	6.14	0.86	1.97	0.01				0.01				nr	1.56
PTC022	MD5737	8	9	3.15	0.13	16.04	46.17	14.23	0.14	9.53		0.01	5.76	1.04	2.11	0.01				0.01				nr	1.74
PTC022	MD5738	9	10	3.12	0.14	16.33	45.51	13.68	0.15	10.42		0.02	6.29	0.87	2.10	0.01				0.01				nr	1.45
PTC022	MD5739	10	11	3.22	0.14	16.67	44.28	13.29	0.16	11.38		0.04	6.75	0.69	1.98	0.01				0.01				nr	1.06
PTC022	MD5741	11	12	3.24	0.13	17.38	43.41	13.90	0.20	9.94		0.15	5.72	1.19	1.84	0.01				0.01				nr	2.55
PTC022	MD5742	12	13	3.61	0.14	17.97	41.75	14.73	0.17	7.92		0.04	5.64	2.66	1.49	0.01				<0.01				nr	3.23
PTC022	MD5743	13	14	3.60	0.14	18.20	41.51	12.89	0.18	10.48		0.60	6.54	1.95	1.50	0.01				0.01				nr	2.48
PTC022	MD5744	14	15	3.41	0.14	17.52	42.62	12.63	0.18	11.77		0.19	7.00	1.06	1.50	0.01				0.01				nr	1.49
PTC022	MD5745	15	16	3.41	0.14	17.13	44.36	12.29	0.17	11.43		0.65	6.65	0.94	1.76	0.01				0.01				nr	1.35
PTC022	MD5746	16	17	3.45	0.14	17.36	43.73	12.61	0.18	11.32		0.18	6.65	1.17	1.76	0.02				0.01				nr	1.00
PTC022	MD5747	17	18	3.22	0.14	17.10	44.67	12.67	0.18	11.73		0.30	6.60	0.96	1.77	0.02				0.01				nr	1.25
PTC022	MD5748	18	19	3.29	0.14	17.01	44.30	13.06	0.17	11.47		0.37	6.54	0.79	1.94	0.01				0.01				nr	0.72
PTC022	MD5749	19	20	3.44	0.15	17.73	43.43	12.74	0.17	11.94		0.33	6.83	0.75	1.78	0.01				0.01				nr	0.94

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC022	MD5750	20	21	3.41	0.15	17.86	42.76	13.35	0.17	12.17		0.83	6.32	0.77	1.81	0.01				0.01				nr	1.42
PTC022	MD5751	21	22	3.54	0.15	17.46	43.66	13.43	0.17	12.12		0.30	6.41	0.71	1.83	0.01				<0.01				nr	0.77
PTC022	MD5752	22	23	2.83	0.12	16.56	44.72	13.99	0.17	11.09		0.24	6.52	1.05	2.09	0.01				0.01				nr	0.95
PTC022	MD5753	23	24	3.15	0.13	16.75	44.54	13.30	0.17	11.50		0.63	6.45	1.04	1.81	0.01				0.01				nr	1.15
PTC022	MD5754	24	25	3.31	0.13	16.24	43.56	12.99	0.17	11.06		0.95	6.61	2.18	1.31	0.02				0.01				nr	1.76
PTC022	MD5755	25	26	3.38	0.14	17.08	43.54	12.06	0.18	12.10		0.67	7.07	1.08	1.64	0.01				0.01				nr	1.32
PTC022	MD5756	26	27	3.47	0.14	17.54	43.19	12.06	0.18	12.31		0.73	7.24	0.69	1.61	0.01				0.01				nr	1.33
PTC022	MD5757	27	28	3.38	0.14	17.28	43.68	12.04	0.18	12.61		0.39	7.39	0.66	1.62	0.01				0.01				nr	1.13
PTC022	MD5758	28	29	3.24	0.13	16.45	44.02	12.56	0.17	12.55		0.30	7.00	0.61	1.75	0.01				0.01				nr	1.12
PTC022	MD5759	29	30	3.30	0.13	17.24	43.85	12.31	0.17	12.35		0.41	7.22	0.67	1.68	0.01				0.01				nr	0.99
PTC023	MD5761	0	1	3.16	0.13	20.22	37.77	9.70	0.20	10.43		0.12	4.67	1.17	0.94	0.01				0.10				nr	11.41
PTC023	MD5762	1	2	4.07	0.18	34.94	36.23	11.51	0.20	1.93		0.07	3.37	0.78	0.83	0.01				0.28				nr	5.71
PTC023	MD5763	2	3	4.36	0.23	41.53	32.70	10.01	0.20	1.51		0.06	3.40	0.54	0.75	0.01				0.30				nr	4.29
PTC023	MD5764	3	4	4.46	0.23	37.87	34.63	11.11	0.16	1.76		0.06	3.25	0.61	1.05	0.01				0.22				nr	4.61
PTC023	MD5765	4	5	2.79	0.13	21.66	46.98	14.86	0.07	0.72		0.11	2.73	1.05	1.58	0.01				0.11				nr	7.32
PTC023	MD5766	5	6	3.05	0.14	20.69	47.63	14.64	0.06	1.33		0.09	2.69	0.84	1.87	0.01				0.07				nr	6.72
PTC023	MD5767	6	7	3.41	0.14	17.20	50.00	13.25	0.03	1.99		0.08	2.26	0.45	2.44	0.01				0.01				nr	8.82
PTC023	MD5768	7	8	3.09	0.14	17.60	47.47	12.88	0.12	7.17		0.03	5.49	0.74	2.05	0.01				0.01				nr	3.03
PTC023	MD5769	8	9	3.10	0.14	17.01	44.92	12.71	0.16	10.94		0.02	7.15	0.95	1.58	0.01				0.01				nr	1.61
PTC023	MD5770	9	10	3.00	0.13	16.74	44.98	12.75	0.16	11.09		0.04	7.01	1.05	1.63	0.01				0.01				nr	1.21
PTC023	MD5771	10	11	3.06	0.14	17.26	44.64	12.46	0.16	11.05		0.07	7.08	1.14	1.45	0.01				0.02				nr	1.62
PTC023	MD5772	11	12	3.00	0.13	16.57	46.39	11.89	0.16	10.99		0.04	7.13	1.05	1.57	0.01				0.01				nr	1.17
PTC023	MD5773	12	13	3.13	0.13	17.18	44.94	12.39	0.16	10.03		0.06	6.93	1.35	1.67	0.01				0.01				nr	1.81
PTC023	MD5774	13	14	3.27	0.14	17.64	44.03	12.17	0.17	11.48		0.04	7.47	0.99	1.47	0.01				0.01				nr	1.12
PTC023	MD5775	14	15	3.10	0.13	17.05	43.96	12.32	0.17	12.06		0.17	7.50	0.93	1.51	0.01				0.01				nr	1.00
PTC023	MD5776	15	16	3.16	0.13	17.19	43.82	11.42	0.18	12.07		0.29	7.84	0.96	1.38	0.01				0.02				nr	1.19
PTC023	MD5777	16	17	3.14	0.13	16.85	44.22	12.01	0.17	12.12		0.59	6.88	0.89	1.69	0.01				0.01				nr	1.77
PTC023	MD5778	17	18	3.24	0.13	16.90	43.94	11.78	0.18	12.09		0.70	7.18	0.78	1.78	0.01				0.01				nr	1.76
PTC023	MD5779	18	19	3.23	0.13	17.09	44.26	12.76	0.17	11.29		0.74	6.80	1.10	1.81	0.01				0.01				nr	1.46
PTC023	MD5781	19	20	3.26	0.13	17.41	43.83	12.38	0.17	11.64		1.05	6.94	0.98	1.69	0.01				0.01				nr	1.64
PTC023	MD5782	20	21	3.29	0.14	17.39	43.76	11.65	0.18	12.43		0.49	7.57	0.80	1.56	0.01				0.01				nr	1.32
PTC023	MD5783	21	22	3.21	0.14	16.84	44.06	13.66	0.16	11.61		0.36	6.73	1.02	1.96	0.01				0.01				nr	0.87
PTC023	MD5784	22	23	3.31	0.14	17.18	43.07	13.34	0.16	11.50		0.28	6.60	1.18	1.79	0.01				0.01				nr	0.86
PTC023	MD5785	23	24	3.26	0.14	16.88	43.69	13.41	0.17	11.95		0.25	6.74	0.79	1.91	0.01				0.01				nr	0.77
PTC023	MD5786	24	25	3.22	0.13	16.55	43.59	12.79	0.17	11.75		1.15	6.71	1.18	1.78	0.01				0.01				nr	1.75
PTC023	MD5787	25	26	3.39	0.14	17.42	42.58	13.17	0.17	11.21		0.44	6.79	1.82	1.54	0.01				0.01				nr	1.16
PTC023	MD5788	26	27	3.28	0.12	16.53	42.35	14.66	0.15	9.08		1.67	5.65	3.29	1.62	0.01				0.01				nr	2.80
PTC023	MD5789	27	28	3.67	0.15	18.88	37.26	14.83	0.18	9.90		1.97	7.29	3.69	0.63	0.01				0.01				nr	2.98
PTC023	MD5790	28	29	3.55	0.15	18.08	39.21	14.23	0.21	10.71		1.58	6.53	3.02	0.92	0.01				<0.01				nr	2.66
PTC023	MD5791	29	30	3.31	0.14	16.69	42.88	13.07	0.16	10.65		2.12	6.29	1.94	1.85	0.01				0.01				nr	2.67
PTC024	MD5792	0	1	1.06	0.04	28.63	54.84	4.38	0.10	1.07		0.06	2.74	0.15	0.82	0.01				0.62				nr	5.11
PTC024	MD5793	1	2	0.85	0.03	27.40	58.06	3.28	0.07	0.18		0.04	3.51	0.04	0.84	0.01				0.61				nr	4.63
PTC024	MD5794	2	3	0.78	0.03	25.07	59.39	3.12	0.08	0.13		0.03	5.47	0.04	0.75	0.01				0.58				nr	4.22
PTC024	MD5795	3	4	0.73	0.02	22.79	62.85	2.68	0.20	0.28		0.03	4.77	0.04	0.76	0.01				0.53				nr	4.07
PTC024	MD5796	4	5	0.91	0.03	30.00	48.75	3.46	0.22	1.22		0.02	8.85	0.03	0.52	0.02				0.64				nr	5.10
PTC024	MD5797	5	6	0.79	0.03	34.27	43.34	3.04	0.20	1.03		0.02	10.35	0.03	0.42	0.02				0.55				nr	5.24
PTC024	MD5798	6	7	0.70	0.02	23.79	50.55	4.63	0.24	1.03		0.02	12.56	0.04	0.62	0.01				0.48				nr	5.02
PTC024	MD5799	7	8	0.72	0.02	22.62	60.10	2.24	0.93	0.69		0.02	6.97	0.05	0.49	0.02				0.51				nr	4.09
PTC024	MD5801	8	9	0.71	0.03	25.92	55.68	2.92	0.27	1.03		0.02	7.19	0.03	0.32	0.01				0.51				nr	4.87
PTC024	MD5802	9	10	0.60	0.02	21.74	54.54	3.33	0.13	0.96		0.01	12.83	0.02	0.24	0.01				0.43				nr	4.74
PTC024	MD5803	10	11	0.66	0.02	23.58	44.42	5.25	0.15	0.51		0.01	18.47	0.01	0.14	0.01				0.45				nr	5.93
PTC024	MD5804	11	12	0.72	0.02	22.14	57.41	2.18	0.51	0.84		0.01	11.00	0.03	0.26	0.02				0.49				nr	3.91
PTC024	MD5805	12	13	0.82	0.03	24.94	54.42	2.53	0.34	1.31		0.02	9.37	0.03	0.25	0.02				0.54				nr	4.83
PTC024	MD5806	13	14	0.85	0.02	23.33	47.61	3.66	0.15	1.65		0.02	16.72	0.01	0.16	0.02				0.43				nr	5.03
PTC024	MD5807	14	15	0.87	0.03	20.52	49.98	4.01	0.26	1.90		0.01	16.62	0.02	0.16	0.02				0.43				nr	4.86
PTC024	MD5808	15	16	0.85	0.03	19.09	58.25	2.95	0.70	1.52		0.01	10.88	0.04	0.29	0.01				0.46				nr	4.40
PTC024	MD5809	16	17	0.99	0.03	20.58	60.04	3.21	0.57	0.54		0.02	7.82	0.04	0.50	0.01				0.49				nr	4.46
PTC024	MD5810	17	18	1.05	0.03	20.89	57.82	3.06	0.30	1.15		0.02	10.01	0.03	0.45	0.01				0.47				nr	4.28
PTC024	MD5811	18	19	1.09	0.03	21.53	53.70	4.21	0.32	0.92		0.02	11.70	0.03	0.50	0.01				0.49				nr	5.19
PTC024	MD5812	19	20	0.98	0.03	20.20	56.42	3.83	0.18	0.81		0.01	12.16	0.02	0.35	0.01				0.47				nr	4.39
PTC024	MD5813	20	21	0.93	0.03	20.94	57.71	3.50	0.34	0.75		0.01	10.22	0.02	0.43	0.01				0.51				nr	4.36
PTC024	MD5814	21	22	0.92	0.03	19.15	48.79	5.29	0.15	1.84		0.01	17.50	0.02	0.35	0.01				0.46				nr	5.09

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC024	MD5815	22	23	0.96	0.03	19.22	55.12	3.75	0.34	1.33		0.01	13.75	0.02	0.40	0.01				0.46				nr	4.44
PTC024	MD5816	23	24	0.97	0.03	20.35	55.69	3.42	0.25	1.67		0.01	12.37	0.03	0.45	0.01				0.51				nr	4.11
PTC024	MD5817	24	25	0.78	0.02	18.27	59.49	2.61	0.26	2.42		0.02	11.25	0.03	0.42	0.01				0.47				nr	3.77
PTC024	MD5818	25	26	0.91	0.03	20.86	57.72	3.04	0.28	1.78		0.02	10.21	0.03	0.61	0.02				0.51				nr	3.79
PTC024	MD5819	26	27	1.16	0.03	22.40	58.87	2.63	0.16	1.75		0.01	8.49	0.02	0.36	0.02				0.51				nr	3.61
PTC024	MD5821	27	28	1.28	0.03	23.97	56.90	2.95	0.24	1.15		0.02	8.33	0.02	0.43	0.02				0.55				nr	3.97
PTC024	MD5822	28	29	1.19	0.03	18.71	58.25	2.45	0.21	2.74		0.01	11.58	0.02	0.37	0.01				0.44				nr	3.51
PTC024	MD5823	29	30	0.99	0.03	20.19	55.43	3.20	0.24	1.98		0.02	12.66	0.02	0.37	0.01				0.49				nr	3.97
PTC025	MD5824	0	1	0.87	0.03	18.02	46.84	4.86	0.17	6.00		0.02	17.39	0.24	0.59	0.01				0.23				nr	4.26
PTC025	MD5825	1	2	1.17	0.04	15.55	47.27	5.00	0.25	7.36		0.02	17.61	0.37	0.65	0.02				0.34				nr	3.22
PTC025	MD5826	2	3	1.38	0.05	18.32	46.93	5.02	0.23	6.47		0.02	15.48	0.54	0.67	0.02				0.49				nr	3.39
PTC025	MD5827	3	4	0.72	0.03	19.14	52.96	2.92	0.16	2.65		0.02	16.51	0.15	0.33	0.01				0.44				nr	3.47
PTC025	MD5828	4	5	0.72	0.03	19.38	54.47	3.13	0.31	2.90		0.02	14.24	0.10	0.34	0.01				0.42				nr	3.74
PTC025	MD5829	5	6	0.76	0.03	19.68	52.04	3.37	0.48	2.45		0.01	15.95	0.06	0.23	0.01				0.44				nr	4.12
PTC025	MD5830	6	7	0.75	0.03	17.60	47.20	4.71	0.23	2.40		0.01	20.78	0.04	0.14	0.01				0.39				nr	5.13
PTC025	MD5831	7	8	1.01	0.02	19.00	47.83	5.50	0.21	2.31		0.02	16.97	0.04	0.28	0.01				0.39				nr	5.57
PTC025	MD5832	8	9	0.71	0.02	18.96	53.56	3.86	0.24	2.46		0.02	14.16	0.04	0.24	0.01				0.41				nr	4.46
PTC025	MD5833	9	10	0.64	0.02	19.94	59.46	3.48	0.39	1.42		0.02	8.72	0.08	0.46	0.01				0.48				nr	4.38
PTC025	MD5834	10	11	0.63	0.02	20.95	61.17	2.84	0.29	0.93		0.02	6.91	0.08	0.50	0.01				0.51				nr	4.00
PTC025	MD5835	11	12	0.71	0.02	23.62	57.34	3.81	0.14	0.66		0.03	7.30	0.06	0.49	0.01				0.52				nr	4.55
PTC025	MD5836	12	13	0.68	0.02	22.95	57.84	3.33	0.16	0.92		0.02	8.41	0.06	0.41	0.01				0.53				nr	4.33
PTC025	MD5837	13	14	0.63	0.02	21.63	61.35	2.42	0.26	0.75		0.02	7.51	0.06	0.43	0.01				0.50				nr	3.88
PTC025	MD5838	14	15	0.58	0.02	19.76	63.59	1.94	0.23	1.35		0.02	7.51	0.05	0.33	0.01				0.47				nr	3.50
PTC025	MD5839	15	16	0.74	0.02	18.43	57.49	3.38	0.14	2.06		0.01	12.22	0.04	0.27	0.01				0.43				nr	4.13
PTC025	MD5841	16	17	0.83	0.03	21.61	56.03	2.94	0.21	1.78		0.02	10.56	0.04	0.28	0.01				0.47				nr	4.26
PTC025	MD5842	17	18	0.87	0.03	21.64	56.58	2.59	0.20	2.12		0.01	10.66	0.04	0.24	0.01				0.51				nr	4.11
PTC025	MD5843	18	19	0.83	0.03	20.25	52.93	2.66	0.33	3.28		0.01	14.49	0.03	0.16	0.01				0.47				nr	3.69
PTC025	MD5844	19	20	0.70	0.02	17.61	49.16	5.67	0.14	0.89		0.01	19.50	0.02	0.16	0.01				0.42				nr	5.32
PTC025	MD5845	20	21	0.74	0.02	18.04	51.25	3.99	0.21	1.52		0.01	18.48	0.03	0.16	0.01				0.43				nr	4.34
PTC025	MD5846	21	22	0.87	0.03	20.62	57.99	3.12	0.25	1.08		0.01	10.82	0.04	0.26	0.01				0.48				nr	4.13
PTC025	MD5847	22	23	0.86	0.03	20.59	58.86	2.76	0.20	1.36		0.02	9.54	0.05	0.35	0.01				0.49				nr	4.07
PTC025	MD5848	23	24	0.94	0.03	21.69	54.88	2.88	0.22	1.65		0.02	11.52	0.04	0.35	0.01				0.53				nr	4.18
PTC025	MD5849	24	25	0.81	0.03	19.43	61.86	2.34	0.27	1.29		0.01	9.33	0.03	0.20	0.01				0.47				nr	3.32
PTC025	MD5850	25	26	0.91	0.03	22.82	57.73	2.68	0.21	1.24		0.01	9.51	0.02	0.13	0.02				0.54				nr	3.40
PTC025	MD5851	26	27	0.87	0.03	20.63	59.14	2.42	0.25	1.55		0.01	10.44	0.05	0.20	0.01				0.49				nr	3.80
PTC025	MD5852	27	28	0.88	0.03	21.24	58.30	2.50	0.29	1.65		0.02	10.46	0.05	0.23	0.01				0.50				nr	3.77
PTC025	MD5853	28	29	0.78	0.03	19.23	60.87	2.28	0.28	1.64		0.01	10.57	0.03	0.20	0.01				0.46				nr	3.29
PTC025	MD5854	29	30	0.78	0.02	18.35	55.83	3.29	0.20	1.84		0.01	14.79	0.02	0.15	0.01				0.43				nr	3.90
PTC026	MD5855	0	1	3.24	0.18	36.88	34.87	10.35	0.15	3.08		0.03	2.71	0.53	0.48	0.01				0.33				nr	6.58
PTC026	MD5856	1	2	4.42	0.25	49.79	23.93	9.21	0.16	2.28		0.03	3.15	0.25	0.41	0.01				0.37				nr	5.48
PTC026	MD5857	2	3	8.80	0.49	54.80	16.98	3.88	0.31	3.25		0.02	6.59	0.05	0.43	0.02				0.13				nr	4.22
PTC026	MD5858	3	4	7.96	0.44	50.32	21.05	2.68	0.35	3.37		0.01	9.38	0.03	0.40	0.02				0.15				nr	3.25
PTC026	MD5859	4	5	6.13	0.34	51.02	20.97	2.70	0.36	3.94		0.02	9.17	0.03	0.33	0.02				0.18				nr	4.12
PTC026	MD5861	5	6	2.00	0.09	24.94	35.45	6.47	0.30	6.37		0.01	16.08	0.06	0.46	0.02				0.24				nr	6.58
PTC026	MD5862	6	7	2.32	0.11	29.39	37.59	3.18	0.29	5.68		0.01	16.55	0.02	0.38	0.02				0.20				nr	3.79
PTC026	MD5863	7	8	1.65	0.08	27.98	37.77	4.33	0.25	5.09		0.01	17.62	0.03	0.41	0.02				0.05				nr	3.98
PTC026	MD5864	8	9	2.36	0.10	28.04	37.78	3.90	0.33	6.11		0.01	17.13	0.03	0.33	0.02				0.21				nr	3.41
PTC026	MD5865	9	10	2.70	0.11	28.47	36.07	4.50	0.33	6.04		0.01	17.03	0.02	0.20	0.02				0.21				nr	3.76
PTC026	MD5866	10	11	2.35	0.10	26.37	38.97	3.65	0.30	6.54		0.01	17.27	0.02	0.25	0.02				0.20				nr	3.07
PTC026	MD5867	11	12	2.33	0.11	28.14	39.29	2.71	0.26	6.79		0.01	16.25	0.03	0.20	0.01				0.27				nr	2.87
PTC026	MD5868	12	13	2.85	0.08	29.13	39.50	2.56	0.31	6.12		0.01	14.95	0.02	0.16	0.01				0.30				nr	3.76
PTC026	MD5869	13	14	3.15	0.08	35.76	33.71	3.37	0.84	4.36		0.02	12.82	0.04	0.22	0.02				0.42				nr	4.81
PTC026	MD5870	14	15	1.94	0.06	34.10	40.09	2.77	0.93	3.51		0.02	10.53	0.05	0.24	0.02				0.38				nr	4.78
PTC026	MD5871	15	16	2.54	0.06	31.83	36.87	3.28	0.34	4.18		0.02	14.99	0.03	0.21	0.02				0.42				nr	4.43
PTC026	MD5872	16	17	2.39	0.07	29.56	43.19	2.66	0.66	4.27		0.01	12.34	0.05	0.21	0.01				0.37				nr	3.66
PTC026	MD5873	17	18	3.06	0.08	28.18	41.08	2.51	0.36	5.76		0.01	14.87	0.03	0.16	0.01				0.33				nr	3.12
PTC026	MD5874	18	19	2.41	0.07	27.92	40.93	3.08	0.36	5.08		0.01	15.41	0.04	0.24	0.02				0.36				nr	3.93
PTC026	MD5875	19	20	2.02	0.08	27.08	41.33	3.25	0.42	6.19		0.01	15.23	0.04	0.26	0.02				0.34				nr	3.37
PTC026	MD5876	20	21	2.07	0.06	24.04	43.16	5.86	0.35	4.62		0.01	13.41	0.15	0.46	0.02				0.29				nr	4.58
PTC026	MD5877	21	22	1.42	0.04	20.67	45.20	3.78	0.33	5.96		0.01	17.20	0.07	0.29	0.01				0.28				nr	3.83
PTC026	MD5878	22	23	0.98	0.04	21.25	45.63	4.49	0.26	4.93		0.01	16.74	0.07	0.27	0.01				0.24				nr	4.61
PTC026	MD5879	23	24	1.13	0.03	19.56	44.14	6.20	0.37	4.35		0.01	16.34	0.62	0.72	0.02				0.31				nr	4.77

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC026	MD5881	24	25	0.88	0.04	18.65	43.56	5.52	0.31	5.46		0.01	18.60	0.42	0.64	0.01				0.23				nr	4.55
PTC026	MD5882	25	26	0.83	0.03	21.74	50.16	2.40	0.20	5.13		0.01	14.56	0.05	0.22	0.01				0.38				nr	3.59
PTC026	MD5883	26	27	0.79	0.03	21.89	50.48	2.59	0.40	4.37		0.01	14.08	0.05	0.23	0.01				0.43				nr	4.03
PTC026	MD5884	27	28	0.72	0.03	20.97	47.23	2.96	0.35	3.21		0.01	18.89	0.03	0.17	0.01				0.46				nr	4.26
PTC026	MD5885	28	29	0.68	0.02	20.40	48.33	3.54	0.22	3.25		0.01	17.85	0.05	0.19	0.01				0.41				nr	4.54
PTC026	MD5886	29	30	0.71	0.02	20.00	51.99	2.72	0.30	3.04		0.01	16.30	0.40	0.28	0.01				0.17				nr	3.60
PTC026	MD5887	30	31	0.55	0.01	17.53	49.84	6.11	0.25	1.26		0.01	15.47	3.09	0.71	0.01				0.16				nr	3.86
PTC026	MD5888	31	32	0.59	0.02	15.70	64.36	1.60	0.28	3.07		0.01	10.76	0.62	0.20	0.01				0.21				nr	2.16
PTC026	MD5889	32	33	0.46	0.02	15.99	62.53	1.86	0.26	2.96		0.01	11.43	0.16	0.17	0.01				0.18				nr	2.87
PTC026	MD5890	33	34	0.60	0.02	19.03	53.68	2.51	0.31	3.19		0.01	16.21	0.05	0.13	0.01				0.39				nr	3.51
PTC026	MD5891	34	35	0.67	0.03	20.21	52.84	2.32	0.19	4.01		0.01	14.93	0.11	0.17	0.01				0.45				nr	3.26
PTC026	MD5892	35	36	0.76	0.03	20.10	53.95	2.67	0.23	2.98		0.01	14.30	0.19	0.19	0.01				0.43				nr	3.47
PTC027	MD5893	0	1	6.30	0.30	40.34	31.22	7.72	0.26	2.53		0.04	3.72	0.59	0.49	0.01				0.24				nr	5.48
PTC027	MD5894	1	2	5.76	0.30	42.01	29.04	8.02	0.23	2.40		0.05	4.65	0.49	0.59	0.01				0.25				nr	5.79
PTC027	MD5895	2	3	2.83	0.11	34.03	31.46	5.94	0.24	5.14		0.05	11.35	0.12	0.69	0.03				0.25				nr	6.95
PTC027	MD5896	3	4	6.98	0.35	57.69	16.58	5.33	0.35	1.20		0.06	3.22	0.11	0.57	0.02				0.04				nr	6.39
PTC027	MD5897	4	5	6.87	0.38	58.36	16.64	6.03	0.30	0.81		0.04	4.19	0.11	0.50	0.03				0.02				nr	4.39
PTC027	MD5898	5	6	11.97	0.64	63.19	11.74	4.10	0.36	0.85		0.02	4.68	0.04	0.25	0.03				0.02				nr	1.71
PTC027	MD5899	6	7	11.68	0.63	62.63	12.85	4.30	0.36	0.93		0.03	4.03	0.04	0.23	0.03				0.02				nr	1.91
PTC027	MD5901	7	8	12.49	0.65	62.77	11.80	4.44	0.35	0.53		0.02	3.97	0.03	0.20	0.03				0.02				nr	1.90
PTC027	MD5902	8	9	12.50	0.67	63.45	10.92	4.25	0.36	0.62		0.01	4.75	0.03	0.17	0.03				0.03				nr	1.54
PTC027	MD5903	9	10	11.65	0.60	64.51	11.03	4.17	0.35	0.22		0.02	4.19	0.18	0.31	0.04				0.03				nr	2.11
PTC027	MD5904	10	11	12.14	0.64	62.91	11.41	4.21	0.34	0.14		0.01	4.20	0.21	0.39	0.04				0.04				nr	2.01
PTC027	MD5905	11	12	12.59	0.67	60.29	12.07	4.08	0.33	0.61		0.01	6.33	0.13	0.24	0.02				0.07				nr	1.94
PTC027	MD5906	12	13	10.94	0.56	57.43	13.39	4.63	0.31	0.96		0.01	7.79	0.04	0.21	0.02				0.10				nr	3.00
PTC027	MD5907	13	14	5.66	0.30	42.39	28.11	4.32	0.24	2.80		0.01	11.46	0.02	0.23	0.02				0.13				nr	4.05
PTC027	MD5908	14	15	2.00	0.08	31.37	37.05	2.90	0.33	5.75		0.01	14.66	0.02	0.19	0.02				0.30				nr	4.38
PTC027	MD5909	15	16	2.20	0.08	27.58	37.11	4.31	0.32	5.89		0.01	17.08	0.02	0.21	0.02				0.28				nr	4.57
PTC027	MD5910	16	17	2.02	0.07	29.65	43.15	2.80	0.41	4.26		0.01	11.94	0.04	0.29	0.02				0.33				nr	4.19
PTC027	MD5911	17	18	2.18	0.08	28.15	40.29	3.15	0.34	5.39		0.01	15.42	0.03	0.26	0.01				0.21				nr	3.83
PTC027	MD5912	18	19	2.60	0.10	27.18	37.36	4.16	0.27	6.12		0.01	17.64	0.03	0.16	0.02				0.05				nr	3.83
PTC027	MD5913	19	20	2.46	0.10	26.94	40.19	2.84	0.32	6.67		0.01	16.25	0.02	0.11	0.02				0.22				nr	3.01
PTC027	MD5914	20	21	3.39	0.12	27.39	37.71	3.34	0.31	6.64		0.01	17.20	0.02	0.10	0.02				0.20				nr	2.92
PTC027	MD5915	21	22	3.43	0.10	26.32	39.20	3.33	0.33	6.36		0.01	16.81	0.02	0.10	0.02				0.23				nr	3.08
PTC027	MD5916	22	23	2.38	0.07	23.43	43.56	3.01	0.25	6.43		0.01	16.59	0.02	0.11	0.01				0.27				nr	3.12
PTC027	MD5917	23	24	2.11	0.06	22.91	45.58	3.13	0.27	5.64		0.01	15.61	0.02	0.14	0.01				0.29				nr	3.56
PTC027	MD5918	24	25	2.21	0.06	22.77	48.60	2.83	0.29	4.84		0.02	13.71	0.04	0.19	0.01				0.29				nr	3.80
PTC027	MD5919	25	26	2.05	0.06	23.10	49.65	2.27	0.26	5.18		0.01	13.25	0.03	0.15	0.01				0.32				nr	3.03
PTC027	MD5921	26	27	2.04	0.06	22.74	51.40	1.76	0.22	5.27		0.01	12.68	0.03	0.15	0.01				0.34				nr	2.61
PTC027	MD5922	27	28	1.97	0.05	22.23	51.63	1.72	0.28	5.35		0.01	12.93	0.03	0.15	0.01				0.33				nr	2.82
PTC027	MD5923	28	29	1.83	0.05	22.03	50.52	1.76	0.23	5.71		0.01	13.86	0.03	0.13	0.01				0.34				nr	2.58
PTC027	MD5924	29	30	1.56	0.05	19.99	47.09	2.45	0.22	7.15		0.01	17.42	0.02	0.11	0.01				0.29				nr	2.89
PTC028	MD5925	0	1	3.96	0.18	31.65	31.36	7.34	0.27	5.67		0.05	7.72	0.68	0.69	0.02				0.19				nr	9.39
PTC028	MD5927	1	2	7.77	0.35	42.11	26.77	5.86	0.33	3.12		0.03	8.91	0.09	0.70	0.02				0.09				nr	3.46
PTC028	MD5928	2	3	7.14	0.28	36.88	28.49	11.80	0.31	0.70		0.03	6.48	0.12	1.05	0.03				0.09				nr	6.10
PTC028	MD5929	3	4	9.19	0.40	50.05	23.18	5.81	0.32	1.79		0.03	5.30	0.05	0.64	0.02				0.12				nr	3.17
PTC028	MD5930	4	5	4.53	0.22	33.34	34.06	11.56	0.19	1.62		0.04	6.41	0.09	0.95	0.03				0.20				nr	6.50
PTC028	MD5931	5	6	1.32	0.12	24.12	35.96	19.19	0.18	0.24		0.04	7.42	0.27	1.15	0.03				0.09				nr	9.36
PTC028	MD5932	6	7	3.53	0.17	34.65	30.04	13.92	0.23	0.28		0.04	6.95	0.12	1.05	0.04				0.08				nr	7.73
PTC028	MD5933	7	8	8.65	0.37	49.04	25.50	6.69	0.33	0.61		0.05	2.36	0.06	0.80	0.03				0.07				nr	4.56
PTC028	MD5934	8	9	9.56	0.48	54.12	19.03	4.41	0.43	1.89		0.02	6.52	0.02	0.41	0.02				0.07				nr	2.65
PTC028	MD5935	9	10	12.10	0.63	62.01	12.21	4.53	0.36	0.73		0.02	4.43	0.02	0.27	0.03				0.02				nr	2.16
PTC028	MD5936	10	11	12.07	0.65	61.71	12.35	4.31	0.35	0.87		0.02	4.73	0.02	0.24	0.02				0.02				nr	1.99
PTC028	MD5937	11	12	12.36	0.66	65.02	9.68	3.92	0.37	0.44		0.02	4.52	0.01	0.15	0.02				0.03				nr	2.17
PTC028	MD5938	12	13	11.96	0.65	63.90	10.16	4.03	0.35	0.58		0.02	5.01	0.02	0.16	0.03				0.04				nr	2.39
PTC028	MD5939	13	14	11.42	0.61	57.57	14.61	3.92	0.30	1.39		0.02	7.43	0.01	0.19	0.02				0.05				nr	2.09
PTC028	MD5941	14	15	8.53	0.46	52.73	21.90	3.41	0.29	1.80		0.01	7.56	0.02	0.26	0.02				0.04				nr	2.65
PTC028	MD5942	15	16	10.28	0.56	58.78	14.66	3.62	0.38	1.00		0.01	7.40	0.01	0.21	0.03				0.12				nr	2.32
PTC028	MD5943	16	17	6.67	0.33	53.73	19.72	3.51	0.43	1.94		0.01	8.49	0.02	0.34	0.03				0.21				nr	4.03
PTC028	MD5944	17	18	2.85	0.10	35.79	33.05	4.14	0.31	4.26		0.02	13.11	0.02	0.45	0.02				0.30				nr	4.88
PTC028	MD5945	18	19	3.22	0.10	32.34	37.78	3.39	0.28	4.71		0.01	13.12	0.03	0.36	0.02				0.30				nr	4.08
PTC028	MD5946	19	20	2.01	0.07	27.41	41.28	4.31	0.37	4.50		0.01	14.87	0.03	0.44	0.01				0.13				nr	4.32

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC028	MD5947	20	21	2.51	0.06	24.35	40.36	4.10	0.32	6.07		0.01	17.29	0.02	0.29	0.02				0.28				nr	4.00
PTC028	MD5948	21	22	2.29	0.06	22.05	42.10	4.47	0.30	6.37		0.01	17.63	0.02	0.24	0.01				0.24				nr	3.95
PTC028	MD5949	22	23	1.96	0.08	26.28	37.24	2.95	0.25	7.89		0.01	17.27	0.02	0.17	0.01				0.07				nr	5.58
PTC028	MD5950	23	24	2.03	0.08	25.76	38.07	3.29	0.27	7.45		0.01	17.27	0.02	0.15	0.01				0.07				nr	5.33
PTC028	MD5951	24	25	1.96	0.09	27.61	37.19	2.86	0.29	7.48		0.01	16.80	0.02	0.14	0.02				0.02				nr	5.16
PTC028	MD5952	25	26	1.64	0.08	23.49	43.37	2.48	0.26	7.59		0.01	17.39	0.01	0.12	0.01				0.18				nr	2.97
PTC028	MD5953	26	27	2.29	0.10	26.96	41.49	2.11	0.30	7.03		0.01	16.02	0.01	0.14	0.01				0.26				nr	2.85
PTC028	MD5954	27	28	2.81	0.07	26.11	43.72	2.20	0.23	6.10		0.01	14.71	0.01	0.17	0.01				0.33				nr	3.03
PTC028	MD5955	28	29	2.36	0.06	24.52	44.18	2.41	0.29	6.26		0.01	15.46	0.02	0.18	0.01				0.33				nr	3.23
PTC028	MD5956	29	30	2.52	0.07	25.56	42.76	2.86	0.41	5.71		0.01	15.60	0.09	0.24	0.02				0.32				nr	3.55
PTC029	MD5957	0	1	3.51	0.15	46.90	24.75	6.33	0.32	2.81		0.08	5.39	0.35	0.66	0.03				0.17				nr	8.02
PTC029	MD5958	1	2	7.17	0.27	38.48	28.94	8.46	0.30	1.92		0.03	8.37	0.06	0.88	0.03				0.18				nr	4.90
PTC029	MD5959	2	3	2.62	0.08	24.25	39.75	6.46	0.23	5.82		0.02	15.66	0.02	0.71	0.02				0.30				nr	4.24
PTC029	MD5961	3	4	3.13	0.10	28.38	37.04	9.05	0.23	3.89		0.03	11.51	0.05	0.89	0.02				0.33				nr	5.33
PTC029	MD5962	4	5	3.36	0.11	30.77	35.08	9.83	0.22	2.92		0.03	10.22	0.04	0.90	0.02				0.35				nr	5.74
PTC029	MD5963	5	6	4.30	0.17	32.24	34.26	6.46	0.27	4.66		0.02	12.47	0.03	0.60	0.02				0.21				nr	3.98
PTC029	MD5964	6	7	3.03	0.11	30.16	36.06	4.79	0.24	5.38		0.01	14.43	0.02	0.50	0.02				0.31				nr	4.32
PTC029	MD5965	7	8	2.66	0.09	53.47	22.04	3.25	0.29	2.05		0.02	6.79	0.01	0.47	0.03				0.47				nr	7.56
PTC029	MD5966	8	9	3.13	0.12	39.32	31.37	3.82	0.27	4.21		0.02	11.09	0.01	0.48	0.02				0.34				nr	5.42
PTC029	MD5967	9	10	3.67	0.20	32.56	33.61	14.89	0.18	0.60		0.03	4.45	0.03	0.83	0.01				0.13				nr	7.92
PTC029	MD5968	10	11	1.84	0.12	46.86	27.91	9.84	0.35	0.46		0.04	1.90	0.12	0.63	0.01				0.08				nr	8.96
PTC029	MD5969	11	12	2.89	0.13	51.28	28.24	6.29	0.33	0.38		0.04	2.19	0.06	0.47	0.01				0.06				nr	6.91
PTC029	MD5970	12	13	3.49	0.14	39.47	33.15	5.59	0.29	2.97		0.03	7.67	0.02	0.66	0.02				0.28				nr	5.52
PTC029	MD5971	13	14	2.35	0.08	35.41	34.24	4.39	0.34	4.31		0.02	12.30	0.02	0.54	0.02				0.37				nr	5.38
PTC029	MD5972	14	15	2.31	0.07	27.04	38.03	5.57	0.33	5.17		0.01	15.29	0.02	0.48	0.01				0.33				nr	4.84
PTC029	MD5973	15	16	2.21	0.06	28.14	37.78	5.08	0.35	5.23		0.02	14.95	0.02	0.37	0.02				0.31				nr	5.05
PTC029	MD5974	16	17	2.79	0.12	26.17	41.43	4.03	0.26	6.11		0.01	14.66	0.02	0.29	0.01				0.22				nr	3.52
PTC029	MD5975	17	18	5.34	0.26	39.91	32.23	3.51	0.25	4.05		0.01	10.13	0.02	0.27	0.02				0.16				nr	3.34
PTC029	MD5976	18	19	7.48	0.40	44.45	26.87	6.10	0.22	2.36		0.01	7.12	0.04	0.44	0.02				0.07				nr	3.43
PTC029	MD5977	19	20	4.85	0.25	36.45	33.26	4.83	0.25	3.79		0.01	11.74	0.02	0.27	0.02				0.17				nr	3.76
PTC029	MD5978	20	21	3.94	0.22	31.30	37.00	9.54	0.57	3.09		0.01	8.36	0.13	0.59	0.02				0.09				nr	4.83
PTC029	MD5979	21	22	3.20	0.17	29.54	38.54	8.43	0.26	4.74		0.01	9.71	0.10	0.56	0.02				0.11				nr	4.21
PTC029	MD5981	22	23	7.12	0.37	43.01	27.09	4.49	0.27	3.62		0.01	10.50	0.03	0.25	0.02				0.16				nr	2.71
PTC029	MD5982	23	24	3.41	0.14	31.14	35.35	5.34	0.36	5.20		0.01	13.76	0.04	0.23	0.01				0.13				nr	4.18
PTC029	MD5983	24	25	1.50	0.09	24.94	32.29	11.36	0.35	2.79		0.01	18.97	0.02	0.18	0.02				0.09				nr	7.21
PTC029	MD5984	25	26	3.50	0.16	34.98	33.87	3.73	0.39	4.62		0.01	14.43	0.02	0.22	0.02				0.14				nr	3.68
PTC029	MD5985	26	27	2.01	0.09	32.73	35.97	4.20	0.51	4.35		0.01	14.89	0.03	0.26	0.02				0.09				nr	4.66
PTC029	MD5986	27	28	1.29	0.06	29.12	41.49	4.25	0.33	4.01		0.01	14.15	0.03	0.34	0.01				0.02				nr	4.70
PTC029	MD5987	28	29	1.36	0.06	28.46	43.47	2.78	0.34	5.16		0.01	13.80	0.03	0.29	0.02				0.13				nr	3.72
PTC029	MD5988	29	30	1.56	0.07	25.43	44.02	2.44	0.31	6.60		0.01	15.21	0.03	0.25	0.01				0.26				nr	3.48
PTC030	MD5989	0	1	0.93	0.07	64.70	16.70	3.54	0.46	0.92		0.16	1.86	0.18	0.37	0.02				0.08				nr	9.38
PTC030	MD5990	1	2	3.11	0.13	27.76	43.51	5.61	0.22	3.84		0.10	8.21	0.22	0.67	0.02				0.24				nr	5.64
PTC030	MD5991	2	3	2.01	0.07	21.46	49.50	3.04	0.25	5.08		0.05	13.71	0.05	0.35	0.01				0.27				nr	3.61
PTC030	MD5992	3	4	2.12	0.10	26.74	45.37	5.37	0.18	3.82		0.08	9.22	0.47	0.71	0.02				0.37				nr	4.79
PTC030	MD5993	4	5	2.09	0.07	23.72	48.17	3.16	0.22	4.38		0.03	12.84	0.06	0.51	0.01				0.32				nr	3.92
PTC030	MD5994	5	6	2.37	0.09	45.86	28.56	3.01	0.37	3.35		0.03	8.61	0.03	0.53	0.02				0.45				nr	6.34
PTC030	MD5995	6	7	2.57	0.09	49.64	25.04	3.29	0.45	2.85		0.04	7.05	0.09	0.47	0.02				0.43				nr	6.96
PTC030	MD5996	7	8	2.82	0.09	52.70	23.46	2.45	0.48	2.69		0.03	7.42	0.02	0.45	0.02				0.43				nr	6.62
PTC030	MD5997	8	9	3.01	0.09	49.66	25.08	2.55	0.42	3.32		0.02	8.49	0.02	0.43	0.02				0.51				nr	5.88
PTC030	MD5999	9	10	3.91	0.13	37.11	35.12	3.48	0.35	3.52		0.02	10.13	0.04	0.66	0.02				0.39				nr	4.46
PTC030	MD6001	10	11	4.17	0.14	31.84	37.72	3.81	0.37	4.54		0.02	12.17	0.04	0.73	0.02				0.22				nr	3.99
PTC030	MD6002	11	12	2.36	0.10	36.92	34.98	2.62	0.29	3.36		0.02	12.48	0.03	0.52	0.02				0.37				nr	4.77
PTC030	MD6003	12	13	1.67	0.08	26.88	41.44	2.45	0.27	6.66		0.02	15.41	0.03	0.42	0.01				0.30				nr	3.52
PTC030	MD6004	13	14	1.54	0.08	24.10	38.49	15.09	0.23	1.52		0.03	8.70	0.97	0.98	0.03				0.14				nr	7.44
PTC030	MD6005	14	15	1.09	0.08	14.99	42.73	20.77	0.08	0.35		0.03	6.80	2.94	0.95	0.03				0.08				nr	8.18
PTC030	MD6006	15	16	3.21	0.11	23.88	40.06	10.23	0.13	2.00		0.04	9.60	2.84	0.79	0.02				0.25				nr	5.69
PTC030	MD6007	16	17	7.87	0.33	39.32	29.11	7.68	0.31	0.17		0.03	7.23	3.09	0.53	0.02				0.05				nr	3.60
PTC030	MD6008	17	18	3.49	0.15	37.52	31.60	11.64	0.17	0.15		0.04	4.19	1.50	0.75	0.02				0.03				nr	7.65
PTC030	MD6009	18	19	0.79	0.06	30.61	38.23	15.44	0.15	1.31		0.03	2.34	0.51	0.96	0.01				0.03				nr	8.92
PTC030	MD6010	19	20	1.50	0.10	27.09	38.25	14.13	0.26	0.60		0.03	6.32	3.13	0.82	0.03				0.07				nr	6.79
PTC030	MD6011	20	21	5.07	0.24	37.10	31.58	9.40	0.34	3.44		0.02	5.60	0.64	0.80	0.02				0.05				nr	4.85
PTC030	MD6012	21	22	6.08	0.27	42.69	27.37	5.35	0.38	2.33		0.02	9.10	0.65	0.94	0.02				0.06				nr	3.82

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC030	MD6013	22	23	3.87	0.17	29.29	38.61	4.46	0.25	4.17		0.01	12.58	1.88	0.65	0.02				0.17				nr	2.88
PTC030	MD6014	23	24	4.65	0.14	27.36	33.65	8.92	0.23	0.67		0.02	13.12	5.57	0.40	0.02				0.14				nr	3.10
PTC031	MD6015	0	1	2.44	0.10	23.45	44.61	13.42	0.14	1.63		0.07	3.46	0.76	1.62	0.01				0.10				99.29	7.09
PTC031	MD6016	1	2	1.06	0.06	29.86	45.74	12.11	0.11	0.28		0.09	1.39	0.54	2.36	0.01				0.05				100.23	6.21
PTC031	MD6017	2	3	1.17	0.03	15.18	55.10	16.60	0.01	0.50		0.08	1.33	0.49	2.02	<0.01				0.06				99.74	6.86
PTC031	MD6018	3	4	1.15	0.04	15.33	53.39	17.81	0.01	1.58		0.07	1.06	0.30	2.71	<0.01				0.05				100.02	6.26
PTC031	MD6019	4	5	1.13	0.08	43.53	32.47	11.60	0.22	0.27		0.11	1.16	0.48	1.00	0.01				0.03				99.85	7.51
PTC031	MD6021	5	6	3.65	0.13	32.79	37.78	13.79	0.14	0.04		0.11	1.73	0.67	1.04	0.01				0.04				100.50	8.24
PTC031	MD6022	6	7	2.74	0.14	43.10	32.85	9.07	0.20	0.08		0.14	1.02	0.25	0.79	0.02				0.02				99.64	8.85
PTC031	MD6023	7	8	4.75	0.15	26.30	41.04	14.68	0.09	0.13		0.09	2.25	0.98	1.19	0.01				0.02				99.65	7.68
PTC031	MD6024	8	9	1.68	0.11	52.68	25.68	8.26	0.48	0.15		0.10	1.49	0.53	0.82	0.01				0.03				100.08	7.76
PTC031	MD6025	9	10	3.95	0.16	43.00	29.09	11.32	0.34	0.06		0.10	1.76	0.76	0.83	0.02				0.01				99.60	7.92
PTC031	MD6026	10	11	4.76	0.13	25.87	41.21	14.98	0.11	0.37		0.07	2.14	1.13	1.53	0.01				<0.01				99.62	7.04
PTC031	MD6027	11	12	5.00	0.14	22.63	43.41	15.31	0.33	0.55		0.06	2.58	1.09	1.63	0.01				<0.01				99.94	6.83
PTC031	MD6028	12	13	4.33	0.09	19.13	46.85	15.92	0.07	2.20		0.03	2.55	0.54	1.94	0.01				<0.01				100.05	6.09
PTC031	MD6029	13	14	4.77	0.11	21.53	44.51	14.83	0.18	1.73		0.03	2.59	0.64	1.88	0.01				<0.01				99.51	6.27
PTC031	MD6030	14	15	5.00	0.12	22.08	43.56	14.93	0.08	1.65		0.03	2.69	0.82	1.77	0.01				0.01				99.44	6.28
PTC031	MD6031	15	16	1.94	0.05	17.74	49.48	15.79	0.08	3.40		0.03	3.01	0.46	2.70	0.01				0.04				100.12	5.08
PTC031	MD6032	16	17	3.91	0.12	26.77	39.79	13.83	0.15	1.15		0.03	3.90	0.84	1.58	0.02				0.01				99.88	7.16
PTC031	MD6033	17	18	5.15	0.12	28.22	37.66	12.77	0.20	1.21		0.04	3.47	0.92	1.29	0.02				0.02				99.44	7.73
PTC031	MD6034	18	19	6.03	0.15	29.29	37.71	12.34	0.65	0.21		0.04	2.93	0.83	1.15	0.02				0.01				100.22	8.22
PTC031	MD6035	19	20	5.32	0.11	25.28	40.23	12.52	0.29	2.84		0.03	3.83	0.81	1.15	0.02				0.01				99.82	6.90
PTC031	MD6036	20	21	2.81	0.08	31.95	37.16	5.61	0.39	4.07		0.03	10.54	0.23	0.81	0.02				0.27				99.87	5.34
PTC031	MD6037	21	22	3.02	0.08	32.38	38.08	3.37	0.50	4.98		0.02	12.19	0.05	0.53	0.02				0.29				100.35	4.38
PTC031	MD6038	22	23	2.50	0.07	39.55	36.76	2.48	0.59	2.69		0.02	8.72	0.05	0.47	0.01				0.33				100.04	5.27
PTC031	MD6039	23	24	2.99	0.08	35.94	35.87	2.67	0.52	4.28		0.02	11.42	0.05	0.52	0.01				0.39				99.85	4.53
PTC031	MD6040	24	25	2.38	0.07	29.76	44.03	2.26	0.30	4.19		0.02	11.91	0.04	0.39	0.01				0.37				100.13	3.99
PTC031	MD6042	25	26	2.20	0.06	24.65	49.45	2.06	0.26	4.94		0.02	12.01	0.06	0.43	0.01				0.35				99.95	3.13
PTC031	MD6043	26	27	2.26	0.07	25.31	48.72	1.90	0.20	5.27		0.01	12.63	0.04	0.42	0.01				0.36				100.56	3.04
PTC031	MD6044	27	28	2.33	0.06	26.94	41.83	3.25	0.54	5.02		0.03	14.29	0.05	0.65	0.03				0.33				100.44	4.57
PTC031	MD6045	28	29	2.13	0.06	23.76	47.89	1.92	0.26	5.78		0.02	14.15	0.03	0.34	0.01				0.34				100.30	3.27
PTC031	MD6046	29	30	2.21	0.06	23.89	48.97	1.87	0.21	5.68		0.01	13.45	0.03	0.33	0.01				0.36				100.51	3.08
PTC031	MD6047	30	31	2.12	0.06	23.96	47.94	2.18	0.36	5.54		0.02	12.97	0.06	0.40	0.01				0.32				99.93	3.64
PTC031	MD6048	31	32	2.21	0.06	24.55	47.29	1.81	0.29	6.12		0.02	13.95	0.03	0.30	0.01				0.35				100.34	2.99
PTC031	MD6049	32	33	2.22	0.06	24.33	46.88	1.81	0.29	6.13		0.02	13.90	0.03	0.30	0.01				0.35				99.69	2.99
PTC031	MD6050	33	34	2.41	0.07	24.12	44.19	1.97	0.26	6.93		0.01	16.41	0.02	0.20	0.01				0.28				100.09	2.93
PTC031	MD6051	34	35	1.63	0.05	18.75	49.46	1.39	0.21	6.99		0.01	18.17	0.02	0.22	0.01				0.27				100.22	2.80
PTC031	MD6052	35	36	1.50	0.05	18.51	47.25	3.92	0.32	8.32		0.01	16.47	0.06	0.39	0.01				0.28				100.43	3.01
PTC031	MD6053	36	37	1.02	0.06	14.66	42.96	15.07	0.22	13.36		0.00	8.83	0.28	0.96	0.01				0.06				99.86	2.08
PTC031	MD6054	37	38	0.96	0.06	13.39	47.48	14.72	0.21	12.24		0.00	8.16	0.20	1.59	0.01				0.05				100.35	1.05
PTC031	MD6055	38	39	0.82	0.05	12.39	47.21	14.54	0.19	10.58		0.01	8.56	0.21	1.55	0.01				0.05				99.92	3.54
PTC031	MD6056	39	40	0.87	0.05	12.16	43.01	14.90	0.18	9.74		0.01	9.32	0.33	1.11	0.01				0.05				100.03	8.09
PTC031	MD6057	40	41	0.92	0.05	13.15	42.32	14.92	0.21	9.86		0.01	9.37	0.33	1.02	0.01				0.05				99.90	7.45
PTC031	MD6058	41	42	0.95	0.06	15.75	42.17	15.18	0.24	11.39		0.00	9.09	0.35	1.09	0.01				0.05				99.57	2.97
PTC031	MD6059	42	43	1.12	0.06	16.10	41.60	14.80	0.23	11.67		0.01	9.90	0.26	0.84	0.01				0.07				99.80	2.83
PTC031	MD6060	43	44	1.88	0.03	15.44	48.86	3.55	0.23	9.54		0.01	17.52	0.04	0.33	0.01				0.24				100.34	2.43
PTC031	MD6061	44	45	1.76	0.04	15.88	47.86	4.68	0.28	9.42		0.01	16.27	0.08	0.43	0.01				0.22				99.65	2.45
PTC031	MD6062	45	46	1.54	0.04	15.49	47.90	4.28	0.27	9.75		0.01	17.31	0.07	0.38	0.01				0.24				99.84	2.34
PTC031	MD6063	46	47	1.49	0.04	15.64	48.02	2.23	0.20	10.31		0.18	18.79	0.04	0.20	0.01				0.25				99.92	2.41
PTC031	MD6064	47	48	1.31	0.05	15.98	47.16	1.83	0.19	10.00		0.26	18.70	0.03	0.14	0.01				0.24				99.51	3.60
PTC031	MD6065	48	49	1.36	0.05	17.51	48.42	1.25	0.23	6.52		0.28	20.49	0.01	0.07	0.01				0.27				100.58	4.08
PTC031	MD6066	49	50	1.34	0.05	16.31	48.30	1.29	0.21	9.19		0.20	19.83	0.01	0.09	0.01				0.26				99.69	2.55
PTC031	MD6067	50	51	1.44	0.05	16.23	47.31	1.62	0.22	10.39		0.29	19.27	0.02	0.11	0.01				0.25				99.92	2.71
PTC031	MD6068	51	52	1.51	0.05	17.43	44.75	1.47	0.25	9.82		0.36	19.24	0.01	0.10	0.01				0.27				99.63	4.41
PTC031	MD6069	52	53	1.59	0.05	18.82	43.36	1.56	0.27	9.16		0.42	17.71	0.02	0.08	0.01				0.28				99.09	5.88
PTC031	MD6070	53	54	1.74	0.05	20.50	46.29	1.98	0.27	6.50		0.36	17.78	0.02	0.10	0.01				0.32				100.53	4.65
PTC031	MD6071	54	55	2.23	0.07	22.41	42.74	2.64	0.24	7.02		0.48	18.49	0.02	0.12	0.01				0.27				100.09	3.51
PTC031	MD6072	55	56	3.34	0.14	26.96	37.08	3.75	0.28	8.05		1.60	15.87	0.03	0.19	0.01				0.17				99.66	3.48
PTC031	MD6073	56	57	3.31	0.18	22.75	39.36	10.07	0.25	10.23		0.50	11.11	0.17	0.58	0.02				0.07				99.95	1.58
PTC031	MD6074	57	58	1.22	0.09	13.58	46.13	13.99	0.20	13.77		0.17	8.87	0.17	0.67	0.01				0.06				100.30	1.33
PTC031	MD6075	58	59	5.04	0.27	33.45	32.51	6.64	0.27	8.08		0.66	11.60	0.05	0.28	0.02				0.08				100.24	1.68
PTC031	MD6076	59	60	3.55	0.21	27.27	34.42	10.78	0.25	8.97		0.33	11.17	0.11	0.39	0.02				0.07				99.96	2.51

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC032	MD6077	0	1	1.98	0.11	36.39	40.67	6.57	0.10	0.27		0.06	5.17	0.04	0.13	0.02				0.36				99.98	7.73
PTC032	MD6078	1	2	4.09	0.23	35.61	39.51	9.78	0.14	0.40		0.09	1.71	0.02	0.32	0.01				0.32				100.16	7.57
PTC032	MD6079	2	3	3.13	0.19	22.26	42.31	19.07	0.08	0.19		0.11	1.23	0.05	0.49	0.01				0.19				100.13	10.36
PTC032	MD6080	3	4	4.81	nr	22.41	41.79	18.97	0.11	0.06		0.10	0.87	0.06	0.50	0.01				0.21				100.24	9.71
PTC032	MD6081	4	5	4.75	0.21	36.91	41.29	7.64	0.13	0.30		0.08	1.31	0.05	0.56	0.01				0.30				100.15	6.13
PTC032	MD6082	5	6	2.65	0.14	48.70	25.36	10.37	0.28	0.06		0.14	0.69	0.03	0.38	0.02				0.15				100.25	10.48
PTC032	MD6083	6	7	4.35	0.18	39.01	32.04	12.60	0.18	0.06		0.10	0.93	0.05	0.48	0.02				0.35				99.95	8.90
PTC032	MD6084	7	8	5.75	0.25	45.57	26.59	10.05	0.24	1.00		0.07	2.67	0.03	0.39	0.02				0.28				100.55	7.07
PTC032	MD6085	8	9	4.80	0.19	39.10	30.62	12.67	0.19	0.56		0.06	2.57	0.04	0.60	0.02				0.38				100.51	8.13
PTC032	MD6086	9	10	3.65	0.14	28.99	37.60	6.56	0.21	5.20		0.03	11.60	0.03	0.58	0.03				0.28				99.81	4.50
PTC032	MD6087	10	11	4.09	0.16	30.12	37.55	4.79	0.23	5.88		0.02	12.79	0.02	0.45	0.02				0.18				100.28	3.60
PTC032	MD6088	11	12	2.05	0.07	26.32	40.94	5.13	0.17	5.72		0.02	14.19	0.02	0.55	0.02				0.12				100.45	4.70
PTC032	MD6089	12	13	2.22	0.08	28.25	39.91	5.80	0.18	4.84		0.03	12.55	0.03	0.65	0.03				0.09				100.32	5.24
PTC032	MD6090	13	14	1.75	0.07	20.36	46.19	3.55	0.20	7.65		0.02	16.01	0.02	0.42	0.02				0.20				100.12	3.36
PTC032	MD6091	14	15	4.33	0.18	27.34	37.15	8.88	0.23	4.18		0.03	11.14	0.03	0.57	0.03				0.18				100.21	5.45
PTC032	MD6092	15	16	4.35	0.20	30.31	35.37	9.33	0.23	3.51		0.04	9.93	0.04	0.59	0.04				0.18				100.33	5.69
PTC032	MD6093	16	17	3.60	0.15	45.16	28.18	5.04	0.27	2.34		0.03	7.39	0.02	0.53	0.04				0.33				100.39	6.34
PTC032	MD6094	17	18	4.37	0.19	45.68	26.99	6.41	0.25	1.22		0.03	6.87	0.02	0.70	0.04				0.40				100.33	6.29
PTC032	MD6095	18	19	3.68	0.22	36.46	32.08	11.56	0.17	0.97		0.06	5.24	0.11	0.77	0.03				0.26				100.32	8.08
PTC032	MD6096	19	20	0.55	0.04	41.87	28.67	13.42	0.17	0.10		0.06	2.45	0.38	0.79	0.03				0.05				99.83	10.48
PTC032	MD6097	20	21	0.54	0.03	29.58	35.94	18.98	0.10	0.10		0.06	2.28	0.58	0.90	0.02				0.05				100.22	10.15
PTC032	MD6098	21	22	7.84	0.44	49.20	20.40	10.00	0.32	0.31		0.02	5.65	0.10	0.59	0.02				0.09				100.59	5.15
PTC032	MD6099	22	23	7.03	0.38	51.18	22.43	5.06	0.27	1.50		0.02	6.61	0.04	0.43	0.02				0.22				100.09	4.35
PTC032	MD6100	23	24	6.67	0.35	51.10	22.81	3.64	0.28	1.77		0.01	8.18	0.03	0.37	0.02				0.22				99.63	3.69
PTC032	MD6101	24	25	6.68	0.36	54.68	19.34	3.41	0.41	1.65		0.02	7.64	0.02	0.40	0.03				0.30				99.82	4.25
PTC032	MD6102	25	26	8.12	0.45	55.95	20.73	2.68	0.31	0.50		0.01	6.52	0.03	0.40	0.03				0.19				99.64	3.23
PTC032	MD6103	26	27	8.03	0.45	58.94	17.57	2.94	0.45	0.59		0.01	6.12	0.03	0.37	0.02				0.21				99.52	3.22
PTC032	MD6104	27	28	4.49	0.27	41.97	24.46	7.35	0.30	1.00		0.01	13.74	0.02	0.33	0.02				0.17				99.97	5.44
PTC032	MD6105	28	29	2.17	0.12	31.30	35.44	6.70	0.22	2.87		0.02	14.25	0.02	0.47	0.06				0.20				99.80	5.50
PTC032	MD6106	29	30	1.67	0.08	29.22	37.96	4.50	0.27	5.42		0.02	14.93	0.02	0.36	0.03				0.27				99.78	4.53
PTC032	MD6107	30	31	1.64	0.08	27.52	42.62	2.78	0.81	5.59		0.01	13.54	0.03	0.33	0.02				0.26				99.95	4.10
PTC032	MD6108	31	32	2.16	0.11	28.27	41.78	3.02	0.28	5.59		0.01	14.53	0.02	0.30	0.02				0.26				100.20	3.47
PTC032	MD6109	32	33	2.19	0.08	26.37	41.46	3.34	0.50	6.10		0.01	15.04	0.03	0.34	0.01				0.24				99.84	3.66
PTC032	MD6110	33	34	2.52	0.09	26.38	41.39	3.05	0.43	6.28		0.01	15.20	0.02	0.29	0.01				0.26				99.67	3.33
PTC032	MD6111	34	35	1.64	0.07	27.09	45.89	2.45	0.31	4.56		0.01	13.59	0.02	0.27	0.01				0.23				99.92	3.39
PTC032	MD6112	35	36	1.30	0.05	26.70	46.87	2.77	0.22	4.33		0.01	13.07	0.02	0.25	0.01				0.15				99.59	3.48
PTC032	MD6113	36	37	0.90	0.04	22.94	37.19	8.45	0.23	3.85		0.01	19.09	0.02	0.16	0.02				0.10				99.63	6.25
PTC032	MD6114	37	38	1.11	0.04	21.71	49.30	3.24	0.22	5.38		0.01	14.16	0.02	0.23	0.01				0.29				99.80	3.73
PTC032	MD6115	38	39	1.47	0.07	26.63	46.73	3.15	0.28	4.48		0.02	12.48	0.03	0.30	0.01				0.28				100.28	3.93
PTC032	MD6116	39	40	0.73	0.03	21.08	44.09	7.00	0.35	4.09		0.01	16.69	0.03	0.23	0.01				0.14				100.23	5.37
PTC032	MD6117	40	41	0.86	0.03	20.88	48.80	3.93	0.22	4.59		0.01	15.39	0.02	0.27	0.01				0.21				99.84	4.25
PTC032	MD6118	41	42	0.83	0.03	22.56	50.17	3.13	0.57	3.73		0.02	13.04	0.03	0.39	0.01				0.17				99.75	4.48
PTC032	MD6119	42	43	0.71	0.03	22.10	54.00	2.04	0.33	4.10		0.02	11.67	0.03	0.41	0.01				0.24				100.04	3.83
PTC032	MD6120	43	44	0.71	0.03	19.92	54.67	2.00	0.29	3.53		0.01	13.79	0.02	0.26	0.01				0.27				99.46	3.51
PTC032	MD6121	44	45	0.91	0.03	21.10	49.19	2.81	0.35	4.41		0.01	15.97	0.03	0.19	0.01				0.30				99.46	3.70
PTC032	MD6122	45	46	0.78	0.03	19.59	51.59	2.53	0.25	5.15		0.01	15.20	0.03	0.20	0.01				0.42				99.53	3.33
PTC032	MD6123	46	47	0.75	0.02	20.99	51.31	2.64	0.27	4.27		0.01	14.66	0.03	0.18	0.01				0.48				99.70	3.64
PTC032	MD6124	47	48	0.72	0.02	22.05	52.73	2.56	0.27	3.22		0.01	13.36	0.03	0.15	0.01				0.50				99.61	3.57
PTC032	MD6125	48	49	0.61	0.02	19.11	60.33	2.09	0.24	2.40		0.01	10.90	0.02	0.16	0.01				0.39				100.16	3.45
PTC032	MD6126	49	50	0.76	0.02	21.97	53.56	2.58	0.31	2.75		0.01	13.26	0.04	0.23	0.02				0.55				100.49	3.99
PTC032	MD6127	50	51	0.58	0.02	17.54	54.26	2.18	0.23	3.45		0.01	16.27	0.63	0.39	0.01				0.43				99.47	3.09
PTC032	MD6128	51	52	0.56	0.02	19.17	49.89	2.92	0.25	2.67		0.01	17.94	1.26	0.46	0.01				0.42				99.78	3.63
PTC032	MD6129	52	53	0.47	0.01	13.94	48.73	5.01	0.14	0.40		0.01	21.42	3.77	0.24	0.01				0.34				97.89	3.09
PTC032	MD6130	53	54	0.40	0.01	13.51	46.36	6.79	0.13	0.75		0.01	21.16	5.01	0.26	0.01				0.33				97.89	2.86
PTC032	MD6131	54	55	0.51	0.02	17.26	54.96	2.01	0.27	2.55		0.01	17.06	0.97	0.31	0.01				0.44				99.87	3.04
PTC032	MD6132	55	56	0.55	0.02	18.41	55.87	2.23	0.24	2.94		0.02	14.58	0.24	0.40	0.01				0.48				99.88	3.36
PTC032	MD6133	56	57	0.45	0.01	`	52.33	2.75	0.20	2.77		0.01	20.07	1.46	0.30	0.01				0.41				99.87	2.66
PTC032	MD6134	57	58	0.42	0.01	14.50	52.78	3.77	0.18	1.74		0.01	20.03	2.47	0.30	0.01				0.38				99.46	2.42
PTC032	MD6135	58	59	0.64	0.02	18.53	55.69	2.35	0.23	1.61		0.01	16.52	0.39	0.17	0.01				0.47				100.21	3.12
PTC032	MD6136	59	60	0.54	0.02	16.99	49.62	2.68	0.21	3.80		0.01	17.73	0.69	0.17	0.01				0.44				99.79	6.47
PTC032	MD6137	60	61	0.58	0.01	14.76	35.66	2.22	0.17	2.39		0.01	24.43	0.10	0.12	0.01				0.36				99.56	18.40
PTC032	MD6138	61	62	0.58	0.01	16.67	37.09	1.93	0.21	2.06		0.14	29.08	0.07	0.12	0.01				0.43				99.52	10.90

Hole	Sampno.	From	To	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	P	S	MgO	K2O	Na2O	Zn	Pb	Cu	Ba	Cr2O3	Ni	Cl	Co	Total	LOI_{1000c}
PTC032	MD6139	62	63	0.56	0.02	16.92	39.16	1.89	0.22	2.58		0.21	29.64	0.04	0.08	0.01				0.43				99.52	7.61
PTC032	MD6140	63	64	0.52	0.01	16.86	41.26	2.70	0.22	1.26		0.21	29.99	0.03	0.06	0.01				0.43				99.82	6.08
PTC032	MD6141	64	65	0.58	0.02	16.68	36.28	2.01	0.21	1.51		0.11	29.81	0.03	0.09	0.01				0.43				99.46	11.43
PTC032	MD6143	65	66	0.61	0.02	16.65	39.81	2.05	0.21	1.75		0.23	30.54	<0.01	0.07	0.01				0.42				99.59	7.06

APPENDIX FOUR

ROCKCHIP ASSAY RESULTS

Sampno	East	North	TiO2	V2O5	Fe2O3	SiO2	Al2O3	MnO	CaO	S	MgO	K2O	Na2O	Zn	Cr2O3	Total	LOI-1000C	Description
MD3971	295,733	6,397,396	3.70	0.24	57.11	12.72	13.88	0.20	0.07	0.04	0.07	0.02	0.03	0.02	0.29	99.90	11.34	Mottled zone outcrop
MD3972	295,910	6,397,597	0.55	0.07	79.18	4.85	1.15	0.71	4.55	0.02	1.20	0.04	0.03	0.02	0.01	100.18	7.67	Dark brown ironstone float
MD3973	295,598	6,397,645	16.94	0.60	67.50	5.81	3.96	0.43	1.47	0.02	0.94	0.07	0.07	0.02	0.09	100.37	2.28	Brownish black ironstone float
MD3974	295,902	6,397,803	7.80	0.42	70.51	8.33	5.46	0.43	2.48	0.02	0.96	0.08	0.05	0.01	0.24	100.27	3.28	Brownish black ironstone float
MD3975	295,514	6,397,944	5.60	0.32	76.44	4.62	3.07	0.66	4.36	0.02	0.66	0.09	0.04	0.02	0.04	100.27	4.17	Dark brown ironstone float
MD3976	295,406	6,398,111	0.26	0.04	83.03	5.92	2.33	0.69	1.85	0.05	0.27	0.02	0.05	0.06	0.02	99.56	4.78	1m diameter ironstone ourcrop
MD3977	295,179	6,397,885	4.90	0.16	79.01	4.57	2.22	0.75	2.21	0.05	0.46	0.05	0.04	0.03	0.04	100.11	5.43	Brownish black ironstone float
MD3978	294,000	6,398,218	0.86	0.03	20.70	50.01	2.76	0.23	2.33	0.02	18.25	0.03	0.05	0.01	0.32	99.77	3.85	Weathered magnetic pyroxenite
MD3979	294,054	6,398,150	2.40	0.19	44.07	19.60	18.83	0.07	0.08	0.05	0.30	<0.01	0.07	0.01	1.06	99.87	12.74	Mottled ironstone from old pit
MD3980	294,601	6,398,152	4.67	0.21	34.95	38.05	12.43	0.13	0.67	0.02	1.17	0.46	0.18	0.01	0.03	99.88	6.75	Saprolitoic gabbro or pyroxenite
MD3981	295,379	6,398,269	0.26	0.11	80.66	8.11	1.75	0.64	0.19	0.07	0.16	0.03	0.03	0.03	0.03	99.81	7.57	Mottled zone ironstone spread over several tens of metres
MD3982	294,400	6,399,393	3.50	0.53	69.64	15.32	5.57	0.09	0.32	0.04	0.15	0.02	0.02	<0.01	0.08	99.87	4.55	Ironstone nodule subcrop
MD3983	295,394	6,398,302	2.82	0.10	47.72	26.18	10.13	0.16	0.29	0.03	2.49	0.08	0.05	0.02	0.90	100.04	8.91	Magnetic saprolitic pyroxenite
MD3984	295,383	6,398,300	0.24	0.06	85.27	8.71	0.90	0.72	0.21	0.05	0.21	0.03	0.04	0.05	0.01	100.22	3.54	Dark grey magnetic saprolitic pyroxenite?
MD3985	294,006	6,399,612	4.05	0.23	76.42	7.12	5.50	0.09	0.64	0.03	0.27	0.10	0.02	0.01	0.04	100.37	5.70	Sparse mottled zone ironstone
MD3986	293,986	6,398,373	0.06	0.05	85.36	5.23	1.93	0.93	1.38	0.05	0.43	0.04	0.04	0.07	0.01	99.92	4.09	Ironstone
MD3987	294,596	6,398,253	6.74	0.21	41.61	33.62	11.45	0.19	0.43	0.02	0.50	0.41	0.25	0.01	0.01	99.98	4.36	Mottle zone gabbro?
MD3988	293,988	6,399,358	2.07	0.11	34.73	9.33	43.23	0.19	0.40	0.05	0.25	0.08	0.07	0.01	0.07	99.86	9.15	Mottled zone ironstone subcrop
MD3989	294,238	6,399,297	3.34	0.19	52.67	5.05	26.23	0.08	0.10	0.07	0.13	0.03	0.04	<0.01	0.08	100.03	11.93	3m by 1m mottled zone ironstone
MD3990	294,256	6,399,312	1.63	0.09	62.01	4.93	19.59	0.12	1.01	0.06	0.60	0.03	0.04	0.01	0.06	99.35	9.09	2m diameter magnetic mottled zone ironstone
MD3991	294,287	6,399,241	2.57	0.18	39.00	5.00	36.58	0.07	0.10	0.05	0.10	0.01	0.03	<0.01	0.08	99.69	15.84	Magnetic mottled zone ironstone
MD3992	293,701	6,399,761	1.10	0.12	35.90	37.62	14.66	0.08	0.22	0.04	0.29	0.08	0.13	<0.01	0.04	99.39	8.95	Mottled zone ironstone subcrop
MD3993	293,504	6,400,019	0.18	0.01	76.93	6.21	4.44	0.09	0.12	0.05	0.14	0.02	0.03	0.02	0.01	99.49	10.97	1m diametersubcropping ironstone
MD3994	293,450	6,400,093	0.35	0.03	74.59	10.50	5.27	0.10	0.13	0.04	0.16	0.04	0.03	0.01	0.02	100.04	8.64	Non-magnetic ironstone float
MD3995	293,452	6,400,055	0.23	0.02	78.15	7.59	3.57	0.06	0.12	0.04	0.13	0.04	0.02	0.01	0.02	99.58	9.34	3m by 1m strongly magnetic ironstone
MD3996	293,410	6,400,039	0.20	0.04	65.72	21.48	4.01	0.06	0.15	0.02	0.17	0.10	0.03	0.01	0.01	99.96	7.50	Strongly magnetic ironstone subcrop

APPENDIX FIVE

JORC (2012) TABLES 1 & 2

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Audalia Resources Limited (ACP) has completed a programme of 89 holes for 3,794m during April 2017. Results are reported for these holes in the attached ASX announcement June 26th, 2018 in Appendix 3. • The drill cuttings were transported from the face via a volume of air inside an inner steel tube of the drill rod to a cyclone where a 3 tiered split was fitted on a 75%/25% split. The bulk of the drill cuttings were placed in a green 600mm x 900mm green bag while the remainder filled a 200mm x 300mm calico bag that was pre-numbered and recorded on a sample sheet for hole number and depth taken. This calico bag was then transported along with the other calico bags to the laboratory for analytical processing. • The 2-3kg crushed (-3.35mm) samples was milled in a LMS and a 150-200g pulp sample split was taken for assaying while the pulp reject was bagged with a code. The pulp was the subjected to an 18 multi-element Li borate fusion and analysed by XRF.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Schramm DR16 Track mounted rig using RC rods of 3m in length with on board compressor of 350 PSI and 1250CFM. Hammer size was 5 inches.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.*	• Drill cutting recoveries were noted by weight of the drill cuttings.

Criteria	JORC Code explanation	Commentary
	• *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• RC used to minimize contamination. • No issues drilling an iron deposit of tens of metres of thickness.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• The RC drill cuttings have been geologically logged and sieved cuttings have been placed into a chip trap ever metre for a geological log of the hole and photographed. • Quantative • The database contains lithological data for all the core holes.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Drill cuttings were channeled through a cyclone and then a 3 tiered 75% / 25% split. • The 25% split was placed into a pre-numbered 200mm x 300mm calico bag ever metre. After every 20th metre either a blank, standard or a duplicate sample was inserted into the run. Cube Consulting from Perth visited the site for an independent review of the QAQC and were fine with the methodology. • Three holes have been twinned previously for sample control and verification. The laboratory performed its own internal controls with repeats and standards inserted. • Drilling sample sizes are considered appropriate for this style of deposit.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their*	• Samples were assayed by Intertek (Genalyisis) in Maddington for 18 elements plus LOI with a Li borate fusion an analysed by XRF.

Criteria	JORC Code explanation	Commentary
	derivation, etc. • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• No geophysical tools were used. • The Company has previously twinned 3 core hole to compare results against one another. Intertek perform their own internal checks. The results are deemed to be acceptable. Approximately 5% of the assays will go to an umpire lab for cross checking.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Drill intersections from previous drilling has been vetted by Ravensgate Pty Ltd who completed a JORC (2012) resource. • Three PQ holes were twinned. • An electronic database containing drill collars, assays and geology is maintained within the Company. Independent consultant companies Cube and Ravensgate Perth have a digital copy of this database. • There has been no adjustment to the assay data.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• All previous and this drilling has been accurately surveyed by Cardno Surveys, Kalgoorlie. No downhole survey has been undertaken. All holes are vertical. • GDA94, Zone 51 • Aerial photography was flown by Fugro, Kalgoorlie and one metre contours were produced from the image.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Drill spacing is on an 160m by 40m pattern. • The mineralization is very consistent along strike (1600m) across strike (450m) and downdip (35m). The variography shows how remarkable the mineralisation behaves in all 3 directions. The deposit is mineralized from survey to depth in one lithology. Block assay estimate can be interpreted with confidence. • No sample compositing has been applied.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• All drilling is vertical which is suitable to this deposit which is a near flatting sill The only exception is Kilimanjaro where it dips 30^0 NE and the drilling was inclined 60^0 to the SW to intersect the mineralisation perpendicular. • No bias.
Sample	• *The measures taken to ensure sample security.*	• All drilling was managed by Audalia and the Geologist used has over

Criteria	JORC Code explanation	Commentary
security		50 years' experience. Pulps are stored securely offsite.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• This has been reviewed by Cube Consulting during their site visit whilst the drill programme was underway.

JORC Code, 2012 Edition – Table 1 report

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings..* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• Audalia owns the Medcalf project 100% that comprises of M63/656, E63/1855, L63/75,E63/1133 and E63/1134. All are in good standing. No security or legal issues have been noted. Rehabilitation is up to date. • No known impediments.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Over the past 40 years, the tenements have been explored for nickel (Ni), copper (Cu) titanium (Ti)/vanadium (V), platinum group metals (PGE) and gold (Au). The Companies are Unmin/Laporte (1972) for Ni & Cu. Amoco (1982) for V & Ti. Cyprus (1986) for PGM and (1989) for Au & PGM. Arimco (1991) for V & Ti and (1996 & 1997) for V, Ti, Au,PGM, Ni & Cu. Lionore (2005) for V, Ti, Au, PGM, Ni & Cu. Lionore (2006) for Ni Cu sulphides, PGE & Au. Norilsk (2010) for Ni sulphides.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Medcalf Project lies in the southern end of the Archaean Lake Johnston greenstone belt. This greenstone belt is a narrow, north-northwest trending belt approximately 110 km in length. It is located near the south margin of the Yilgarn Craton, midway between the southern ends of the Norseman-Wiluna and the Forrestania-Southern Cross greenstone belts. The area of interest is the Medcalf sill located in the hinge zone of a gently north-west plunging regional

Criteria	JORC Code explanation	Commentary
		anticline and is emplaced within a predominately tholeiitic basalt sequence low in the greenstone succession. Rocks in this area belong to the almandine amphibolite facies of regional metamorphism. The primary vanadiferous titanomagnetite mineralisation occurs within the pyroxenite zone between the basal peridotite and upper gabbro zones of the sill. Extensive weathering over time has resulted in removal of much of the silica, calcium and magnesium resulting in residual concentration of iron, titanium and vanadium oxides. It is this secondary enriched material which constitutes potential ore.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.*	• Refer to attached text of this ASX announcement June 26th, 2018
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• No exclusion
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*	• Samples taken every metre no weighted average required. No cutting of high grades applied.
	• *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*	• No procedure undertaken.
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No metal equivalent used.
Relationship between mineralisation widths and intercept	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*	• Mineralisation is gently dipping for Vesuvius, Fuji and Pinatubo All holes drilled vertical. Mineralisation at Kilimanjaro dips approximately 30^0 to the northeast. All holes drilled 60^o to the southwest.
	• *If it is not known and only the down hole lengths are reported, there*	• Mineralisation is perpendicular to the drillhole

Criteria	JORC Code explanation	Commentary
lengths	*should be a clear statement to this effect (eg 'down hole length, true width not known').*	• Known as described above.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Not discovery drilling. Drilling is for extension purposes.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Comprehensive reporting of all drillhole data has been provided in this ASX announcement June 26th, 2018 in Appendix 3.

Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	**Metallurgy testwork completed:**
		1. **Mineralogical characterisation**: to quantitively identify the mineralogical composition of Medcalf mineralisation and the distribution of vanadium, titanium and iron in different minerals.
		  ⇩ *Key finding is mineralisation contains valuable elements of vanadium, titanium and iron.*
		2. **Beneficiation testwork**: to investigate the concentration of valuable minerals and the removal of gangue materials by gravity separation, magnetic separation or flotation.
		  ⇩ *Over 85% of all vanadium, titanium and iron is recovered by magnetic separation.*
		  ⇩ *The combined concentrate produced by magnetic separation contains 50.32% TFe, 0.79% V2O5 and 15.17% TiO2. The mass recovery is 74.24% with 25.76% removed as tailings.*
		3. **Metallurgical testwork**: to investigate the extraction and separation of vanadium, titanium and iron minerals from beneficiated concentrate by pyrometallurgical process.
		⇩ *It is identified from the testwork that 'magnetising roasting – magnetic separation' process can produce the products (vanadium bearing iron concentrate and titanium concentrate)*

Criteria	JORC Code explanation	Commentary
		suitable for downstream processing with excellent recovery of vanadium and iron. The selected process consists of the following steps: + *Magnetising roasting* + *Magnetic separation to separate vanadium bearing iron concentrate and titanium concentrate.* + *Shaking table to upgrade titanium concentrate.*
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Planned work is to infill the current drill pattern where required to upgrade the existing JORC (2012) Resource. Audalia has been planning this with consultancy group Cube in Perth. • Work in progress.