APPENDIX

Detailed Petrography of Analyzed Samples

Core, section, interval (top ,cm)	Piece	Analysis[a]	Cooling Unit	Rock type[b]	Preservation	PhX (%)	Phenocrysts[c]					Aggregates				Groundmass[c]							Remarks
							Olivine	Orthopyroxene	Clinopyroxene	Plagioclase	Opaque	Olivine	Clinopyroxene	Plagioclase	Orthopyroxene	Glass	Ol	Opx	Cpx	Pl	Mgt	Vesicles	
125-786A-																							fossil bearing
6X-1, 0	#1												+	+									
12X-1, 140		emp		other	local alt				euh,gl incl	rnd,z						alt,turbid		?	?	10	—		
12X-CC, 24					local alt	10	5,euh+rnd	5,euh+rnd			Cr-sp incl	+			ol incl	99,loc alt			tr				opx res,ol Xtlz?
13X-CC, 27		emp/IR	13XCC	ICB	local alt	15	5,euh	10,euh+res			Cr-sp incl	+			+								
14X-CC, 7		IR	13XCC		local alt	10	5,subh	5,subh			Cr-sp incl				+tr ol	alt							
14X-CC, 9			13XCC		local alt	10	5,euh+skel+rnd	5,subh,rnd			Cr-sp incl	+		+	+ol	99,loc alt			tr				
16X-CC, 25			16XCC	LCB	alt	10	3	1	3,subh to euh	3 rnd,unz,riddled w incl	Cr-sp incl	+	+opx			alt			10,prism	20	tr		
17X-CC, 44			17XCC	ICB flow band		2	1,euh	1,euh									tr		tr clinoenstatite		Cr-sp		clinoenstatite
18X-2, 0			18X2		very alt		?	—	—	—	Cr-sp								?	?			
19X-CC, 17			18X2	LCB	very alt		?alt,euh	?			Cr-sp								prism	?			
125-786B-																							
1R-1, 3	#2		1R1			20	tr,alt(serp)	8,euh,pleo	4,euh	8,euh,z,incl in core+rnd,res,balls		opx corona	+	+,+cpx,tr opx		fresh		3	3	20	—		
1R-1, 26	#6		1R1			18	tr,alt(ox+carb)				Cr-sp incl	opx corona,Cr-sp incl		+cpx,tr opx		alt			10	20	tr		
1R-1, 75		emp	1R1	ICBrzA		23					Cr-sp			+cpx,tr opx	+			?	?20	20	—		
1R-1, 89			1R1	ICBrzA							Cr-sp					20		1	tr	5			many v sm Xtals
2R-1, 72			1R1	ICBrzA							Cr-sp												
2R-1, 85			1R1	ICBrzA				v pleo			Cr-sp												
3R-1, 12	#2		1R1								Cr-sp												
3R-1, 34			3R1	ICBrzA	alt	19	tr,alt	6,z,res tubules+overgr	3,gl incl	10,rnd.,res+subh+balls	Cr-sp	opx corona	+opx	+	+,ol incl			5	tr	10	—	15,el,rag	trachytic,abundant submicr Xtls
3R-1, 94	#14			hyaloclast																			
4R-1, 52	#12		3R1		alt	20	1,alt(ox+carb)	10,res tubules+z euh	5,euh+rnd	4,res balls riddled w incl+subh incl free		opx corona		+cpx	cpx jacket	20		1	?	20	tr	5,rnd-el	abundant submicr Xtls
4R-1, 109			3R1	ICBrzA		22	tr	10,euh+overgr	6,euh+res	6,res,balls,z			+	+	+cpx,tr opx,ol incl					10	—	2,rnd	amph in gm
5R-1, 23		emp	5R1	ICBrzA		25		2,res tubules+euh	8,euh	15,balls						alt		2	2	5	tr?		
5R-2, 1			5R1	ICBrzA	alt	25		2,rnd	8,euh,z	15,euh z+subh rnd					cpx jacket	alt?		15		5	tr		
5R-2, 12	#2		5R2		alt	30		10,subh,v pleo	5,subh	15,balls incl in z+euh z+res z				+,+cpx	cpx jacket,+pl	yellow-red		2		8			trachytic
5R-2, 38	#6C		5R2	mingling																			
5R-2, 53	#7A		5R2																				
5R-2, 69			5R2a	HCB	very alt	4	3,euh,alt(ox+carb)	tr,euh,not pleo	1,euh		Cr-sp	+				divitrified			5,prism+30,needles	10	1		
6R-1, 38	#10		5R2a																				
6R-2, 137	#23A	emp	5R2a	HCB																			
6R-3, 17		emp	5R2a	HCB																			
8R-1, 45	#7		8R1	A		13		tr,pleo	3,res,subh	10,euh z			+,+pl	+,+rare opx	only in aggr					20	tr		trachytic,20 amph in gm
9R-1, 10	#2		8R1	A	alt	10		tr,euh,weak pleo	2,res	8,euh,z,few incl				+,+cpx		alt				20	tr		20 amph in gm
9R-1, 113	#20A	emp	9R1		local alt	24		15,euh,weak pleo	8,euh	1,balls,res					+tr cpx,cpx jackets	80,local fresh		?10	?10	—	—	rnd	
11R-1, 103		emp	11R1	ICB		27		10,euh,pleo	2,euh	15,euh,z,incl in core				+,+opx,tr cpx	+,+cpx,tr plag	50		15	15	20	tr	30,rnd-el	glomeroX w tiny opx
11R-1, 122	#18	emp	11R1a	ICB		23		15,res+overgr+euh,pleo	3,subh to euh	5,corr+euh			+opx,+plag	+opx,tr cpx	+,cpx jacket	alt,turbid						large irreg	
12R-2, 14	#3	emp	11R1a	ICB		22		10,euh+overgr,pleo	2,euh+subh	10,balls+euh,incl in z or core				+	+plag,cpx	turbid			5	20	tr	15,sm rnd+large	
12R-2, 120	#17	emp	12R2	ICBrzA		15		10,corr+overgr+euh	2,euh	3,ball,res			+opx,tr plag									5,sm rnd+large el	
13R-1, 34		emp	13R1			30		10,euh to subh,incl	5,euh+subh	15,euh,incl in z or core				+tr cpx		brown		?10	?5	10,prism	local tr		
13R-2, 134			13R1	ICBrzA		35		10,euh to subh,incl	5,euh	20,balls+euh			+opx	+cpx,opx		brown		10	5	10,needle	tr		
14R-1, 5			13R1																				
15R-1, 0	#1	emp	15R1	cumulate					30	70													
15R-2, 3		emp	15R2	A		8		3,euh,pleo	tr,res to euh	5,euh,z,few w incl	mgt		+plag,opx,mgt	+,+mgt	+,tr plag	70,brown		20		10	1		
16R-1, 137	#20		15R2	A		5		1,euh,z,gl incl	1,corr	3,euh+corr			+opx,tr plag	+tr cpx	+cpx,tr plag	brown				20	tr		10 amph in gm
16R-2, 12			15R2	A				gl incl											5	10	tr		10 amph in gm
16R-2, 32	#6.1		15R2															tr	10	10	1		
16R-2, 32	#6.2		15R2							corr			+mgt	+mgt									
17R-1, 67		emp	17R1	A		6		tr,alt(serp),pleo	1,euh	5,euh,large incl in core	mgt		+plag,mgt	+,+mgt	+plag				10	10	1		
17R-1, 81		emp	17R1					euh,pleo	euh	euh	mgt		+plag,mgt	+,+mgt	+plag								
18R-1, 89			18R1			10		5,corr z+euh unz,pleo	2,res to euh	8,euh,z	—		+plag	+	+plag	fresh		5		2	tr		25 amph in gm
19R-1, 10			18R1	A				euh,large,unz,no pleo		10,res+euh						fresh		10	5	5	tr		
19R-1, 91	#14	emp	19R1	A		16		3,euh,large,res tubules	5,euh,large	8,res+euh			+plag		+	brown,fresh		10	10	tr	1		
20R-1, 43			20R1	ICB	alt	5	alt(serp),euh	3,euh,no pleo	2,euh+corr	—	Cr-sp incl				+cpx,mgt,cpx jacket				10 prism	10	tr		glomeroX w tiny opx
20R-1, 124			20R1a	A		8		2,subh+euh,pleo	1,res	5,euh,z,few w incl in core			+plag	+	subh+plag,subh+tr cpx	yellow		4	4	6	1		amph in gm
21R-1, 26	#3		21R1	A		4		—	1,subh	3,res,corr+euh+skel,z						alt,local fresh	,?	5,prism+needle	5	1			amph in gm
21R-1, 59	#17			hyaloclast																			
21R-1, 105	#10		21R1a			2		—	tr,corr,subh	2,unz,euh	mgt		+plag	+				?	2	—			
21R-1, 129	#12B	emp	21R1a?	R		1		tr,euh,pleo	—	1,euh-subh	mgt			+	+plag	99 fresh yellow+brown		—	tr	—	tr		
21R-2, 28		emp/IR	21R1a?	R		1		tr,rnd	tr euh+rnd	1,subh-euh	mgt			+cpx,opx,mgt		99		—	tr	—	—		
21R-2, 72	#6	emp	21R2	HCB	alt	7	5,alt(ox+carb)	tr,euh,no pleo	2,res,corr	tr,res	Cr-sp		+opx,+trplag						20,prism	30	tr		
21R-2, 103			21R2?	HCB		2	?	1,rnd,res,pleo	1,corr	—	no Cr-sp		+opx		+tr cpx	alt			20,prism+needle	20,prism+needle	1		
22R-3, 61	#4A		22R3	R		1		tr,euh,pleo	tr,subh	1,res	mgt					100		?	?tr		—		
24R-1, 9	#2		22R3	D		4		tr	1,subh	3,euh+res+skel	tr mgt			+		alt		?	?10	20	1		trachytic
24R-1, 41			22R3	D		tr		tr,subh,pleo	tr,subh	euh,corr	mgt			+					tr,prism	30	1		trachytic
24R-2, 5		emp/IR	22R3	D		4		1,subh+euh,pleo	tr,res,subh	3,euh,incl in z or core	mgt			+	+cpx,plag	fresh			5	10	1		
25R-1, 64			22R3?	D		tr		tr res	tr,res tubules+euh	euh,w thin rim,balls	mgt			+	cpx rims	fresh			5	20	1		thin rim on all plag
26R-1, 67	#8		22R3	D		2		—	tr,res	2,res	mgt		+plag	+cpx,mgt		alt							
27R-1, 31			22R3	D		2		1,subh+euh,pleo	tr,anh	1	mgt				+tr cpx				2	20	?		quench "clouds"
27R-1, 97	#12			hyaloclast		tr		tr hyp,subh-euh	tr subh-euh	tr,euh,z	mgt		+plag		+cpx+plag	fresh			tr	5 tiny			
27R-1, 101	#13			hyaloclast		tr		tr hyp,subh-res	1,gr pleo,euh	tr,pl,z,res	mgt					alt							
27R-2, 59	#7		27R2			28		8,res+euh,pleo	5,euh	15,res tubules,corr,z,very rich in incl			+opx	+tr cpx	corr opx+plag	alt,turbid		?	?30	tr	tr		
28R-1, 15		IR	27R2	ICBrzA		25		15,euh	5	5,euh+res								?	2 prism	tr,prism	—		
29R-1, 63			29R1	HCB	alt	16	5,alt(ox+carb)	8,skelet+euh	3,euh	tr,anh,corr	Cr-sp incl		+opx		+,+tr plag				15,prism	15	tr		
30R-1, 29	#2C	emp	30R1	ICBrzA	alt	26		8,euh,alt,weak pleo	8,euh	10,res,corr,balls			+plag	+		alt?		?	10,prism	20	1		
31R-1, 102			30R1	ICBrzA	alt	23		8,alt(serp),euh	5,euh	10,res,balls+euh,incl in z or core				+,+cpx	+,+cpx	alt,brown red		tr	5,prism	20	1		
31R-2, 86	#8	emp	30R1	ICBrzA																			
32R-1, 85	#9		32R1			2			tr	2,euh,z						alt?,turbid							
32R-1, 121	#17		32R1a		alt	15	2,alt,euh	5,alt,subh,pleo	3,euh+subh	5,res,balls,incl in z or core	v dark Cr-sp		+plag+cpx	+	+cpx	70,alt		20,hyp		10	2		
32R-2, 39			32R2		alt	25	2,alt(ox+carb)euh+anh	5,alt,euh,pleo	8,euh	10,euh,z+subh,incl	v dark Cr-sp		sm cpx+plag			alt,red			10	10	3		
32R-2, 83			32R2a		alt			?	tr,alt(green serp),euh	5,euh,z	mgt			+,+cpx		alt					tr		
33R-1, 101	#19A			contact				tr,euh,hyp	tr	2,euh,z	mgt		only w plag	+cpx+mgt	+cpx	100,yellow			tr				
34R-1, 128	#16			hyaloclast					rnd,gl incl				+,+opx;+mgt	+cpx									
34R-2, 1			34R2		alt	2			tr,subh	2,rnd,z	mgt					turbid,red brown			tr	20,sheaf	tr		
34R-3, 47	#5A		34R3	HCB	alt	8	5,alt(ox+carb)	alt	3,corr to euh	tr,rnd	Cr-sp incl				cpx jacket	alt			10,prism	30			
34R-3, 107	#12.1			contact						euh				+cpx		75,alt			3,prism	20	1		
34R-3, 107	#12.2		34R3a		alt	15	10,alt(serp+tc+carb),euh	5			Cr-sp incl					95		2,large	2,quench fuzz				
34R-4, 14		emp	34R4	HCB	alt	10	5,alt(ox+carb+serp),euh	3	2,subh	—			+opx					30,prism	40	1			
35R-1, 73	#9		35R1	D		4		—	1,res+euh	3,res,corr,some v incl rich	mgt			+						5	1		20 amph in gm
35R-2, 1			35R2	D	alt	8		2,alt(serp),euh	1,subh	5,res,corr+euh,z incl in core	mgt		+plag,mgt,tr opx		+,rare+tr cpx	73				20	2		5 amph in gm
35R-2, 122		emp	35R2a	D	alt	6			1,subh	3,rnd,corr,balls,some v incl rich	mgt		+plag	+		alt				10	1		20 amph in gm
36R-1, 52			36R1	R	alt	3			tr,alt(green serp)	3,rnd	mgt							?	?	30	1		
37R-1, 44	#6		37R1		alt	1	tr	euh,alt(serp)		corr,res.incl rich core,rim z	Cr-sp		+plag	+ol rel	+,+plag,rare tr cpx	50			10	40	2		
37R-1, 95	#12	emp	37R1a	ICB	alt	11	2,part alt(ox+carb),euh	1,euh,alt(serp)	3,euh	5,rnd,corr,incl rich core									5,prism	30	1		
37R-3, 13			37R3	ICB	alt	7	2,alt(ox+carb),euh	5,euh,alt(serp)	tr,euh	—	Cr-sp								1	10	1		
37R-3, 31		emp/IR	37R3	ICB contact	fresh part	5	5,alt(serp),euh				Cr-sp	+				94 fresh	2		2,quench	2	tr		
		IR	37R3a	contact				tr,euh	tr,euh	euh-subh	tr mgt		+opx	+		85,yellow,gray,brown			5	10	tr		
37R-3, 38		IR	37R3a		fresh	10		—	tr,anh	10,euh,unz,few incl				+,+rare cpx		93,fresh,yellow and pink			3	3	tr		
37R-3, 45	#8		37R3a	A	alt	10				10,euh,few incl,unz				+		92,alt,yellow+pink			5,prism	3	tr		
38R-1, 9	#3		37R3a	A	alt	10			tr	10,euh,few incl,unz			+			85,alt			5,w mgt	8	tr		
38R-1, 57		emp	37R3a			10			tr	10,euh,few incl,unz			+	+		93,fresh,yellow+pink			3	3	tr		
38R-1, 76			37R3a	A		10		tr,euh,pleo	tr,subh	10,euh,z			+plag	+	+plag	fresh			3	3	tr		
39R-1, 47			37R3a	A																			
39R-1, 67			37R3a																				
39R-2, 25		IR	37R3a																				
39R-2, 33	#3		37R3a	hyaloclast				euh,pleo		5,euh,unz,some w incl in z or core			+plag	+	+plag	92,local alt			3	5			
39R-2, 46				hyaloclast		8		2,subh	1,euh	5,euh				few		92,local alt			3	5	tr		mgt in gm outlining patches
39R-2, 91			39R2	hyaloclast																			
39R-2, 119			39R2	A		4		1,euh,pleo	1	2			+plag	—		82			15,prism+needle	3	—		
39R-3, 26	#3			hyaloclast																			
40R-1, 40	#6			hyaloclast																			
40R-1, 91				hyaloclast		10		1,alt,euh	1,euh	8,euh,z			+			turbid				10			trachytic
40R-2, 54	#18	emp	40R2	HCB		5	5,euh,alt(ox+carb+serp)	tr,euh			dark Cr-sp incl					20	?,tr,alt		20,prism	60	tr		
40R-2, 83			40R2	HCB		8	8,euh,alt(ox+carb+serp)	tr,euh			dark Cr-sp incl						?,tr,alt						
42R-1, 41	#5		42R1			40	1,alt(ox+carb+serp)	15,euh,pleo	15,euh	10,corr,incl rich core			+opx	+		alt(clay)				tr			
42R-2, 15			42R1	ICBrzA		30	tr,alt(serp+ox)	15,euh,alt(serp),pleo	8,euh to subh	8,unz,v incl rich		opx corona	+plag		+,+cpx			hyp?		30	5		
42R-3, 126	#10d		42R1			30	1,alt(ox+carb+serp)	20,euh,alt(serp)	8,euh	8,unz,v incl rich			+opx			alt			10	5	5		
42R-4, 46			42R1	ICBrzA		35	1,alt(ox+carb+serp)	20,euh,alt(serp)	5	10,res,corr,some v incl rich			+opx	+,+opx,cpx		alt			10	10	2		
43R-1, 110	#8		42R1	hyaloclast																			gm oxdz
43R-2, 43		emp	42R1	ICBrzA hyaloclast																			
43R-2, 66				hyaloclast																			
43R-2, 100				ICBrzA hyaloclast																			
44R-1, 38			44R1	ICB		15	15,alt(serp+ox)					+					10,alt(serp)		20	30	1		
44R-1, 102			44R1	ICB		5	5,alt(serp+ox)										10,alt(serp)		20	30	1		
45R-1, 41		IR	45R1	ICBrzA	fresh	23	tr,alt(serp+ox)	8,subh,pleo	5,euh,z	10,euh,z,few incl		opx corona		+opx,cpx abund		60,fresh		10	15	15	—		
46R-2, 106	#12		42R1			30	tr,alt(serp+ox)	12,euh,pleo rim	10,euh	8,single Xtals corr+balls		opx corona		+opx,cpx		80			10	10	—		
48R-2, 52	#4B			hyaloclast																			
48R-2, 68			45R1		fresh	31	tr,alt(serp)	8,euh,pleo	3,subh,rnd	20,euh,few incl			opx corona	+plag+opx	+tr cpx many					10 w mgt	15	red ox	
49R-2, 83	#4			ICBrzA hyaloclast																			
49R-4, 32	#4	emp	45R1	7	fresh	27	tr,alt(serp)	2,euh,pleo	5,subh	20	opx corona		+tr cpx many		65,relativ fresh			20	15	—			
50R-1, 65			45R1			30		5,pleo	10,euh,large	15,euh,some v incl rich			+,+plag	+tr cpx		55,fresh		30,w mgt		15	—		
51R-1, 51	#8	emp	51R1	ICB	fresh	13	1,euh,alt(serp)	8,pleo,euh+corr,norm z	4,subh,corr	tr,rnd,corr		some w opx rim		cpx jacket		fresh,brown			20	5	2		
52R-1, 2	#1		51R1		fresh	17	tr,euh,alt	10,z,pleo	2,corr,res	5,rnd,ball,corr						fresh,brown			20	—	—		
53R-2, 12		emp	53R2			20	tr,euh,alt	5,euh,pleo,z	7,euh	7,rnd,ball,corr			+tr plag					?	10,prism,needle w mgt	20	—		
55R-1, 15		emp/IR	55R1			30		10,euh,unz	5,subh,anh	15,balls,corr,some with thin rim,z			+opx,tr plag	+,+cpx,opx	+tr cpx,tr plag	75,fresh		15,w mgt	?tr	10			
55R-2, 95				hyaloclast											+cpx,plag								
55R-2, 109			55R2			20	tr,res,alt(serp,tc,carb)	8,euh,pleo,hi-Mg rim	2,subh	10,euh+res,incl rich common			only w opx		rimming cpx	75,fresh		?10	tr	15	tr		
56R-2, 51			55R2	LCB		5	tr,alt(serp,tc,carb)	5,alt(serp),euh	—		Cr-sp incl					80,alt		?	?20	tr			
57R-1, 8	#1A		55R2			2	?	2,alt(serp),euh															
57R-1, 100			55R2			5	alt(serp,tc,carb)	5,alt(serp),euh	tr,euh,alt(serp)		Cr-sp incl				ol incl,unalt	alt	alt	?10	?10	tr	Cr-sp		
57R-3, 65	#1A		55R2		very alt		?	5,alt(serp),euh	tr														
57R-4, 69			55R2	LCB	very alt		alt(serp,tc,carb)	5,alt(serp),euh	—		Cr-sp												
57R-4, 69	#4B		55R2		very alt				—														
57R-5, 49	#1A		57R5		very alt	5		5,alt(serp),euh								local fresh		—	10,spinifex,cen?	—		clinoenstatite?	
57R-5, 50	#1A		57R5		very alt	5		5,alt(serp),euh								local fresh		5,spinifex					
57R-6, 48	#1E		57R5		very alt	10		10,subh,alt(serp)							ol incl,unalt	alt			5,lancet,spfx,cen?				clinoenstatite?
57R-6, 48			57R5		very alt																		
57R-7, 114	#5D		57R5		very alt											alt							
58R-1, 107	#21		57R5		very alt	1		1															
58R-1, 127			57R5		very alt																		
58R-3, 62			57R5	LCBrzA	very alt	3		3,euh,alt(serp)							ol incl,unalt								
59R-3, 84		emp	57R5	LCB	very alt																		
60R-3, 102			60R3	LCBrzA		22	2,anh,alt(serp+carb+tc)	20,alt(serp),euh	—	—	—	opx corona			+			30	10	1	—	none	qtz vein
61R-4, 32	#1E		61R4		very alt	2		2,euh,alt	tr,subh	tr,euh,z													
61R-4, 35			61R4		very alt	10		10,euh,alt(serp)	tr,anh,res	tr,euh,z					+common								
61R-4, 96			61R4a	R	very alt				tr	1,euh,z	mgt												
61R-5, 81	#10A		61R4a	R	very alt	?		?	?	tr	mgt												
62R-1, 114			62R1	LCBrzA	very alt	10		10,euh,alt(serp)	tr						+					tr			amph in gm
62R-3, 40	#1E	emp	62R1	LCB	very alt	2		2,euh,alt(serp)															
63R-2, 72	#12		63R2	R	complete alt					tr	mgt												
63R-2, 74			63R2	R	complete alt					tr	mgt												
63R-2, 86			63R2	R	complete alt					tr	mgt												
63R-2, 94			63R2a	R	very alt	30		??30,alt	tr	rnd,z				+,+tr cpx	?+,alt								
64R-2, 93			63R2		complete alt				tr,alt(green serp)	?tr	mgt												
65R-1, 16	#2B		65R1	other dike?	relatively fresh	tr			tr,euh										30	50	5	none	sm PhX,coarse gm
65R-2, 5			63R2	R	complete alt						mgt												
65R-2, 111			63R2		complete alt						mgt												
66R-1, 26			63R2?	R	complete alt	tr		?tr	?tr	5	mgt												
66R-1, 87	#12		?	R	complete alt			?	?														
66R-3, 18			63R2?	R	complete alt			?	?	?	mgt												
67R-1, 8	#2.2		67R1	dike?	relatively fresh																		
67R-1, 8			67R1	dike?	relatively fresh	25		subh,alt(serp)	10,euh	15,corr,res,incl in z or core			+	+,+cpx,tr opx		alt			10	10	tr	none?	
67R-1, 33			63R2	R	complete alt					?2	mgt												
67R-1, 54			67R1a	dike?	relatively fresh	13	3,alt(serp)	10,euh to subh,alt(serp)	tr,subh to euh	—	Cr-sp incl	opx corona	+			alt			40	2	2	none	coarse gm
67R-1, 62	#9	emp	67R1a	ICB dike?	relatively fresh					—			+		+								
68R-1, 7	#1A		68R1		very alt			?	?	tr													
69R-1, 68			68R1	LCBrzA	very alt			?	?	tr													
69R-4, 105			68R1	LCBrzA	very alt		alt(serp)	?	?	tr	Cr-sp												
69R-5, 65	#1S		68R1	LCBrzA	complete alt			?	?	tr	Cr-sp												
69R-7, 34			68R1	LCBrzA	complete alt		alt(serp)	?	?	tr,balls,alt	Cr-sp												
70R-1, 68		emp	?	LCBrzA	very alt			?	?	tr													
70R-2, 5			?	LCBrzA	complete alt	25		20	3	5,res,balls													
70R-2, 134			?		complete alt	20	alt(serp)	20	2	—	Cr-sp												
70R-4, 11			?	LCB	complete alt	20	alt(serp)		euh	tr	tr,Cr-sp		+?opx										
71R-4, 7			?	LCBrzA	complete alt	18	5,alt(serp)	?	?5	8,res,alt	many Cr-sp												
71R-4, 73	#6A		?	LCBrzA	complete alt	30	5,alt(serp)	?	1,lots?	5,subh	Cr-sp		+	+									
71R-4, 141		emp	?	LCBrzA	very alt	30	tr,alt(serp)	3	15	10,euh,z	Cr-sp		+	+									
71R-5, 18			?		complete alt	30		?	5	5,res,balls	Cr-sp			+,+cpx									
72R-1, 8			?	ICB	complete alt	20				+													
72R-1, 91	#10R		?		complete alt	30				10													
72R-1, 91		emp	?		very alt	30		?	euh	10,euh z+subh res				+,+?cpx,?opx									

Notes: Key to abbreviations in alphabetical order: abund = abundant, alt = altered, amph = amphibole, anh = anhedral, carb = carbonate, cen = clinoenstatite, corr = corroded, cpx = clinopyroxene, Cr-sp = Cr-spinel, el = elongated, euh = euhedral, gl = glass, glomeroX = glomerocryst, gm = groundmass, hyp = hyperstene, incl = inclusion, irreg = irregular, local = locally, mgt = magnetite, ol = olivine, opx = orthopyroxene, overgr = overgrowths, ox = oxide, oxdz = oxidized, plag = plagioclase, pleo = pleochroic, PhX = phenocryst, qtz = quartz, rag = raggedy, rel = relict, res = resorbed, rnd = rounded, serp = serpentine, skel = skeletal, sm = small, spfx = spinifex, subh = subhedral, submicr = submicroscopic, tc = talc, tr = trace, unalt = unaltered, unz = unzoned, v = very, w = with, Xtls = crystals, z = zoned.

[a]emp = electron microprobe, IR = Fourier Transform Infrared Spectroscopy (Newman and van der Laan, this volume).

[b]LCB = low-Ca boninite, ICB = intermediate-Ca boninite, HCB = high-Ca boninite, ICBrzA = intermediate-Ca