

# Appendixes

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## Appendix 1 List of Laboratory Test Samples (1)

	Locality		Rock name	Laboratory test						Remarks
	Dorillhole	Depth(m)		E	F	M	T	P	X	
1	MJKA-14	17.6	Cpx skarn (Lamprophyre)				○			
2	MJKA-14	18.7	Cpx skarn (Lamprophyre)				○			
3	MJKA-14	38.1	Dolomite				○		○	
4	MJKA-14	104.2	Py-Mt ore in Cpx-Ga skarn					○		
5	MJKA-14	104.3	Mt-Ga-Px skarn		○					
6	MJKA-14	107.8	Lamprophyre				○			
7	MJKA-14	113.1	Asp-Qz vein		○					
8	MJKA-14	120.9	Asp-Qz vein		○					
9	MJKA-14	125.5	Py-Cp-Qz vein in Cpx skarn					○		
10	MJKA-14	170.9	Granodiorite & Lamprophyre(Dike)				○			
11	MJKA-14	179.7	Fine-grained granite				○			
12	MJKA-14	180.7	Mo-Asp-Qz vein		○					
13	MJKA-15	10.2	Lamprophyre				○			
14	MJKA-15	27.6	skarnized dike		○					
15	MJKA-15	68.8	Ga-Cpx skarn (Lamprophyre or gabbro)				○			
16	MJKA-15	72.6	Hb-Cpx skarn	○	○			○		
17	MJKA-15	77.0	Mt-Qz-Px skarn		○					
18	MJKA-15	78.3	Cp-Mt ore in Px skarn					○		
19	MJKA-15	79.7	Py-Cp-Mt ore in Cpx skarn					○		
20	MJKA-15	95.4	Py ore in Cpx-Ga skarn					○		
21	MJKA-15	97.2	Asp-Cp-Qz vein in skarnized rock					○		
22	MJKA-15	99.9	Asp-Cp-Qz vein		○					
23	MJKA-15	100.1	Asp-Cal vein in Cpx skarn					○		
24	MJKA-15	105.8	Cpx skarn (Gabbro?)				○			
25	MJKA-15	109.0	Altered anorthosite or gabbro				○		○	
26	MJKA-15	123.5	Mo-Asp-Qz vein		○					
27	MJKA-16	27.2	Ga-Cpx skarn (syenite?)				○			
28	MJKA-16	105.0	Mt-Hb-Cal-Qz vein				○		○	
29	MJKA-16	105.5	Px-Ga skarn		○					
30	MJKA-16	106.8	Cp-Mt ore in Cpx skarn					○		
31	MJKA-16	109.0	Cpx skarn (Granodiorite?)				○			
32	MJKA-16	111.3	Py ore in brecciated silicified rock					○		
33	MJKA-16	117.3	Qz-Cal rock (Brecciated, silicified limestone?)				○		○	
34	MJKA-16	125.6	Asp-Py-Qz vein in grndiorite porphyry		○			○		
35	MJKA-16	150.4	argillized granodiorite porphyry						○	
36	MJKA-16	166.3	Asp-Qz vein		○					
37	MJKA-16	167.3	Asp-Qz vein		○					
38	MJKA-17	68.2	Mt ore in Cpx-Ga skarn		○			○		
39	MJKA-17	69.1	Cp-Qz vein in Ga-Cpx skarn					○		
40	MJKA-17	71.1	Cpx skarn (Gabbro?)				○		○	

## Appendix 1 List of Laboratory Test Samples (2)

	Locality		Rock name	Laboratory test						Remarks
	Dorillhole	Depth(m)		E	F	M	T	P	X	
41	MJKA-17	90.3	Cpx skarn (Lamprophyre?)				○		○	
42	MJKA-17	126.2	Granodiorite porphyry (altered)				○		○	
43	MJKA-17	128.8	Po-Asp-Py-Qz vein		○					
44	MJKA-17	131.3	Asp vein in granodiorite porphyry					○		
45	MJKA-18	8.8	Granodiorite porphyry				○			
46	MJKA-18	29.8	Ol gabbro				○			
47	MJKA-18	41.4	Monzodiorite				○			
48	MJKA-18	57.5	Monzodiorite & Cpx skarn (Gabbro?)				○			
49	MJKA-18	58.6	Granodiorite porphyry & Cpx skarn (Monzonite)				○			
50	MJKA-18	90.8	Cpx skarn (Ol gabbro)				○			
51	MJKA-18	97.9	Py-Qz-Cal vein in brecciated silicified rock		○				○	
52	MJKA-18	99.1	Cpx skarn (Gabbro or anorthosite)				○			
53	MJKA-18	111.7	Cpx skarn				○			
54	MJKA-18	115.7	Asp-Qz vein		○					
55	MJKA-18	116.7	Cp ore in Ga-Cpx skarn						○	
56	MJKA-18	116.8	Cp ore in Hb-Cpx skarn	○					○	
57	MJKA-18	116.9	Cp ore in Cpx-Ga skarn						○	

	Sample no	Rock name	Laboratory test						Remarks
			E	F	M	T	P	X	
1	1930C5-15.5F(1)	Cp ore in Cpx skarn	○	○			○		
2	1930C5-15.5F(2)	Cp ore in Cpx skarn		○					
2	1930C5-16Fa	Cp ore in Cpx-Ga skarn	○				○		
3	1930C5-16Fb	El-Cp ore in Cpx skarn					○		
4	1930C5-17F	Py-Cp ore in Cpx skarn		○			○		
5	1930C6-17.6FL	Asp-Cp-Py ore in Cpx skarn					○		
7	1930C6-23Fa	Diorite				○			
8	1930C6-23Fb	Zoned skarn	○			○			
6	1930C6-23Fc	Ga skarn		○					
10	1930C6-44.4R	Diorite				○		○	
11	1930C6-45.2R	Ca-Qz vein		○					
12	1930C6-71CL	Skarnized limestone				○		○	
13	1930C6-79F	Ga skarn				○		○	
14	1930C6-126F	Py-Cp ore in Cpx skarn					○		
15	1930C6-131.5FLa	Ga skarn		○	○			○	
17	1930C6-131.5FLb	Cp ore in Cpx skarn					○		
18	No. 5 ore body	SCM in silicified carbonate skarn					○	○	

E : EPMA, F : Homogenization temperature of fluid inclusions, M : Mineral separation test, T : Thin section,

P : Polished thin section, X : X-ray diffraction analysis. Refer to Appendix 2 for abbreviations of minerals.

