

## Appendix 12 Log of the Drill Hole "MJTA-3" (1/4)

Scale (m)	Column	Depth (m)	Description	Sulfation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
			0.0-6.2m: yellowish brown, surface soil	-	-	-	-	-								
			6.2-7.7m: boulders of diorite porphyry, dark gray colored, ø 5-10cm, strongly weathered	-	-	-	-	-								
		6.2	7.7-17.8m: brownish dark gray, weathered diorite porphyry, containing plagioclase phenocrysts (1-2mm) groundmass = plagioclase >> biotite > minor quartz biotite is replaced by chlorite fractures are filled with Fe-oxide minerals, with weak dissemination of Fe-oxides traces of disseminated pyrite are found	-	-	-	-	-								
		7.7			-	-	-	-	-							
			17.8-32.0m: dark gray, diorite porphyry, with a lot of plagioclase phenocrysts phenocrysts : groundmass = 7 : 3 to 6 : 4 most of mafic minerals of groundmass are replaced by chlorite, minor epidote (veinlets & patches) are found with weak dissemination of pyrite, with minor veinlets of pyrite, total amount of pyrite = 1-2%	-	-	-	-	-								
		17.8			-	-	-	-	-							
			32.0-33.9m: weakly chloritized diorite porphyry, with pyrite dissemination, with pyrite veinlets, 20cm interval with epidote veinlets, with minor veinlets of pink feldspar	-	-	-	-	-								
		32.0			-	-	-	-	-							
			33.9-44.4m: dark gray, diorite porphyry, containing plagioclase phenocrysts (2-3mm, 60%) groundmass is weakly silicified, weakly chloritized, & weakly epidotized with pyrite dissemination, total amounts of pyrite = 1-3% 36.7m: quartz vein, ∠40deg., w=4cm 38.2m: pyrite + chalcopyrite stringer, ∠75deg., w=1mm 38.7m, 39.0m: quartz + pyrite + chlorite vein, ∠40-55deg., w=0.5-3cm 39.0-44.4m: quartz + pyrite veinlets, pyrite veinlets, pink calcite veinlets, epidote veinlets, ∠60-65deg., 10cm to 20cm interval	-	-	-	-	-								
		33.9			-	-	-	-	-							
			44.4-45.6m: strongly silicified rock, with weak chloritization, with weak epidotization total amounts of disseminated pyrite = 1%	-	-	-	-	-								
		44.4			-	-	-	-	-							
			45.6-46.1m: weakly silicified & chloritized rock with pyrite network, with epidote veinlets (∠40deg. w=1-2mm), total amount of disseminated pyrite is less than 1%	-	-	-	-	-								
		45.6			-	-	-	-	-							
			46.1-50.0m: pink colored, medium grained granite, K-feldspar (4mm) > plagioclase (3mm), quartz (3mm) >> hornblende (1mm), biotite (2-3mm) no alteration with weak dissemination of pyrite, total amount of disseminated pyrite = less than 1%	-	-	-	-	-								
		50.0			-	-	-	-	-							
			50.0-55.1m: pink colored, medium grained granite, K-feldspar (4mm) > plagioclase (3mm), quartz (3mm) >> biotite (2-3mm), hornblende (3-4mm) weakly silicified & chloritized with weak dissemination of pyrite, total amount of disseminated pyrite = 0.5-2.0% 52.4m, 52.9m, 55.2-55.8m: chlorite veins, w=2cm-7cm, ∠40-60deg 53.1m, 54.4m: pyrite + quartz veins, w=3cm-4cm, ∠45-55deg 52.0-55.1m: pyrite stringers, w=5mm, ∠60-70deg, 3-10cm interval	-	-	-	-	-								
		55.1			-	-	-	-	-							
			55.1-57.0m: pink colored, medium grained granite weakly epidotized & chloritized with weak dissemination of pyrite, total amount of disseminated pyrite = less than 1% 55.2-55.8m: chlorite veins, w=2cm-7cm, ∠40deg. 55.2-55.8m: quartz + pyrite veinlets, 5-3cm interval 56.4-57.0m: quartz stringers, w=3cm-4cm, ∠45-55deg.	-	-	-	-	-								
		57.0			-	-	-	-	-							
			57.0-58.0m: pink colored, medium grained granite no alteration with weak dissemination of pyrite, total amount of disseminated pyrite = less than 1% with pyrite stringers, 30cm interval, ∠40-70deg.	-	-	-	-	-								
		58.0			-	-	-	-	-							
			58.0-68.0m: pink colored, hornblende - biotite granite, medium grained, some plagioclase are replaced by epidote, some mafic minerals are replaced by chlorite total amount of disseminated pyrite = 0.5-1% pyrite stringers, 5-30cm interval, ∠60-80deg. chlorite + (pyrite) veinlets, 10-50cm interval, ∠40-80deg. 59.85m, 60.45m, 61.85m, 66.0m, 67.2-68.5m: quartz + pyrite veins, 45-75deg., w=0.5-3.5cm	-	-	-	-	-								
		68.0			-	-	-	-	-							

## Appendix 12 Log of the Drill Hole "MJTA - 3" (2/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica.	Argilliza.	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results									
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)				
80	+	72.0	68.0-72.0m: hornblende - biotite granite, medium grained, some plagioclase are replaced by epidote, some mafic minerals are replaced by chlorite total amount of disseminated pyrite = less than 1% chlorite stringers, 10-50cm interval. $\angle 70-80\text{deg.}$	0	0	0	2	1	3-72.9 T	68.0 - 71.0	120	0.1	30.0	7.4	14.5	3.0				
		73.9		1	0	0	2	1		71.0 - 74.0	30	0.2	148.5	9.7	17.0	7.0				
		74.8		2	0	0	2	0		74.0 - 77.0	30	0.3	429.0	6.4	48.5	3.0				
		80	+	79.2	72.0-73.9m: hornblende - biotite granite, medium grained, some plagioclase are replaced by epidote, some mafic minerals are replaced by chlorite total amount of disseminated pyrite = 1% $\pm$ pyrite stringers & chlorite stringers: 20-30cm interval. $\angle 60-90\text{deg.}$ 72.9m: quartz + pyrite vein, w=1.5cm, $\angle 40\text{deg.}$	0	0	0	1	1	3-72.9 T	77.0 - 78.0	40	0.2	46.0	13.2	17.3	<2.0		
				81.0		0	0	0	1	1		78.0 - 79.0	850	0.2	33.0	4.1	14.0	4.0		
				84.2		2	1	0	3	1		79.0 - 80.0	210	<0.10	516.0	5.7	10.0	<2.0		
				80	+	81.0	73.9-74.8m: black, fine grained andesite, xenolith?, with pyrite patches ( $\phi$ 0.5-2cm), strongly chloritized	2	1	0	3	1	3-72.9 T	80.0 - 81.0	230	0.5	182.0	4.5	12.5	<2.0
						84.2		0	1	0	2	1		81.0 - 84.0	430	0.2	83.0	2.9	13.5	<2.0
						87.5		0	3	0	2	1		84.0 - 87.0	140	0.1	117.5	7.4	15.0	<2.0
						90	+	87.5	74.8-79.2m: weakly chloritized & epidotized granite with quartz + pyrite veins, $\angle 40-50\text{deg.}$ , w=1-3cm, 10-100cm interval with chlorite & pyrite stringers, $\angle 70\text{deg.}$ , 20-30cm interval	0	0	0	1	1	3-72.9 T	87.0 - 90.0	60	0.1	115.0	5.1
97.0	0							0		0	1	1	90.0 - 93.0	50		0.2	97.0	5.2	16.5	<2.0
97.0	0							0		0	1	1	93.0 - 96.0	70		0.2	66.0	4.1	19.0	28.0
90	+							97.0	79.2-81.0m, 84.2-84.6m, 87.5-87.7m: strongly silicified rock, with pyrite dissemination (1-2%), with quartz + pyrite network mafic minerals change to chlorite, original rock texture is destroyed	0	0	0	1	1	3-72.9 T	96.0 - 99.0	40	0.1	39.5	3.5
		103.7	0					0		0	1	1	99.0 - 102.0	10		0.1	76.5	4.6	19.0	<2.0
		105.4	0					0		0	1	1	102.0 - 103.0	30		0.2	257.0	6.1	20.0	<2.0
		100	+					103.7	81.0-84.2m, 84.6m-87.5m, 87.7-97.0m: pink colored granite, with minor veinlets of chlorite + (pyrite), 20cm to 100cm interval	1	0	0	2	0	3-72.9 T	103.0 - 104.0	50	0.9	352.0	91.6
				105.4	1			0		0	2	0	104.0 - 105.0	30		0.2	105.5	6.0	26.0	7.0
				106.5	2			3		0	2	2	105.0 - 106.0	150		0.1	63.0	6.5	19.0	<2.0
				100	+			105.4	97.0-103.7m: pink to reddish brown colored granite, mafic minerals are replaced by chlorite, some plagioclase to epidote with chlorite veinlets, 3-10cm interval, $\angle 40-60\text{deg.}$ with pyrite stringers & sparce network, total amount of pyrite = 0.5% to 1.0%	1	1	0	1	0	3-72.9 T	106.0 - 108.0	20	0.2	99.5	7.0
						106.5	0	1		0	1	0	108.0 - 111.0	20		0.2	99.5	7.0	22.5	<2.0
						112.4	1	0		0	1	0	111.0 - 114.0	40		0.3	111.0	7.7	20.0	<2.0
						100	+	106.5	103.7-105.4m, 106.5-106.7m, 112.4-112.7m: strongly silicified rock, with quartz + pyrite veinlets (w=2-8mm), 3-5cm interval, $\angle 50-65\text{deg.}$ , total amounts of pyrite = 2%	2	2	0	1	0	3-72.9 T	114.0 - 117.0	30	0.2	99.5	7.4
109.0	0							0		0	1	0	117.0 - 120.0	10		0.1	102.5	6.4	17.5	<2.0
112.4	0							0		0	1	0	120.0 - 121.0	20		0.2	29.0	6.3	15.5	<2.0
110	+							109.0	105.4-121.7m: fresh granite & weakly chloritized granite	0	1	0	2	0	3-122.7 X	121.0 - 122.0	50	0.2	136.0	4.8
		110.0	2					3		0	3	2	122.0 - 123.0	90		0.4	517.5	5.0	22.0	11.0
		112.4	1					2		0	3	2	123.0 - 126.0	70		0.4	543.0	4.8	21.5	<2.0
		110	+					112.4	108.2-108.7m: calcite veinlets, $\angle 90\text{deg.}$ 109.0m: quartz stringers, $\angle 90\text{deg.}$ 109.6m: chlorite + pyrite stringers, $\angle 60\text{deg.}$ 110-110.3m: pyrite stringers, 3cm interval 112.4m: quartz vein with pyrite, w=2cm, $\angle 60\text{deg.}$ 112.7-113.4m: pyrite stringers, 2-5cm interval 113.9-115.0m: quartz + pyrite stringer, $\angle 30-90\text{deg.}$ , 3-5cm interval	0	1	0	1	0	3-112.4 I	126.0 - 129.0	130	0.4	575.0	4.0
				119.1m	0			0		0	1	0	129.0 - 132.0	50		0.1	80.5	4.8	18.5	<2.0
				119.2-119.4m	2			2		0	0	0	132.0 - 135.0	40		0.1	98.5	0.7	21.0	<2.0
				110	+			119.1m	114.5m: chlorite veinlets, $\angle 30\text{deg.}$ , w=2mm 115.0-121.7m: pyrite stringers, 10-30cm interval 119.1m: quartz veinlets 119.2-119.4m: fine grained rhyolite, dyke, $\angle 50\text{deg.}$ , w=13cm	1	0	0	0	0	3-112.4 I	135.0 - 137.8m	30	0.2	117.5	11.5
						121.7-123.3m	1	0		0	2	1	137.8m	0		0	0	0	0	0
						123.3-126.3m	0	0		0	1	0								
						120	+	121.7	121.7-123.3m: strongly silicified rock, with chlorite network, with pyrite dissemination, with pyrite network	0	0	0	1	0	3-122.7 X					
123.3	0							0		0	1	0								
126.3	0							0		0	1	0								
120	+							123.3	123.3-126.3m: weakly silicified granite, with dense network of chlorite + pyrite + quartz, with stringers of pyrite + quartz, with chlorite veinlets 124.9-125.2m: weakly silicified, strongly chloritized, epidotized granite	0	0	0	1	0	3-122.7 X					
		126.3	0					0		0	1	0								
		127.3	0					0		0	1	0								
		130	+					126.3	126.3-127.3m: strongly silicified granite, with dense network of chlorite, with pyrite dissemination, with quartz stringers ( $\angle 80\text{deg.}$ ), with minor veinlets of epidote ( $\angle 30\text{deg.}$ )	0	1	0	2	0	3-122.7 X					
				127.3	2			3		0	3	2								
				127.3	1			2		0	3	2								
				130	+			127.3	127.3-140.0m: pink colored granite, with pink feldspar alteration bands, w=10-40cm, $\angle 10-25\text{deg.}$ , 30-50cm interval	0	1	0	2	2	3-122.7 X					
						129.0	0	0		0	2	2								
						131.4	2	3		0	3	2								
						130	+	129.0	129.0-131.4m: pyrite stringers, 5cm interval 129.0-131.4m: chlorite + epidote veinlets, after the formation of pyrite stringers, 10cm interval 131.4-131.6m: white, strongly silicified zone 132.0-135.0m: pyrite + quartz veinlets (w=2-3mm, $\angle 75\text{deg.}$ , 20-30cm interval), chlorite veinlets (w=2mm, $\angle 30\text{deg.}$ , 20-30cm interval), chlorite + quartz + pyrite veinlets ( $\angle 80\text{deg.}$ , 5-30cm interval)	1	1	0	2	2	3-122.7 X					
131.4	0							0		0	1	1								
132.0	0							0		0	1	1								
130	+							131.4	132.0-135.0m: pyrite + quartz veinlets (w=2-3mm, $\angle 75\text{deg.}$ , 20-30cm interval), chlorite veinlets (w=2mm, $\angle 30\text{deg.}$ , 20-30cm interval), chlorite + quartz + pyrite veinlets ( $\angle 80\text{deg.}$ , 5-30cm interval)	0	1	0	2	0	3-122.7 X					
		132.0	0					0		0	1	1								
		133.0	0					0		0	1	1								
		130	+					132.0	135.0-135.2m: strongly silicified zone 136.5-139.5m: chlorite + quartz + pyrite veinlets ( $\angle 50-70\text{deg.}$ , 2-10cm interval)	0	0	0	1	1	3-122.7 X					
				133.0	0			1		0	2	1								
				135.0	0			1		0	1	0								
				130	+			135.0	137.8m: molybdenite in quartz + pyrite veinlets	0	0	0	2	0	3-122.7 X					
						137.8m	0	0		0	2	0								
						140.0	2	0		0	2	1								

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Scale (m)	Column	Depth (m)	Description	Silicification	Sulfidation	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results										
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)					
150	X	152.3	140.0-152.3m: light gray, biotite - hornblende granodiorite, plagioclase (2-4mm) > hornblende (2-4mm) > biotite (2-4mm) > K-feldspar (1mm) > quartz (1mm) alteration is very weak with minor veinlets of chlorite + (pyrite) + (quartz), 5-100cm interval, $\angle$ 45-80deg.	0	0	0	1	1	3-158.6 PT	138.0 - 141.0	20	0.2	152.5	12.9	25.0	<2.0					
			141.5m: aprite vein, cut by chlorite veinlets, w=6cm	0	0	0	0	0		141.0 - 144.0	20	0.2	135.5	10.6	34.0	<2.0					
			141.5m: xenolith of diorite porphyry with pyrite dissemination (2-3%), $\phi$ 15cm	0	0	0	0	0		144.0 - 147.0	30	0.4	415.0	16.1	33.5	<2.0					
			147.2m: chlorite + quartz vein, w=4cm, $\angle$ 45deg	0	0	0	1	0		147.0 - 150.0	30	0.1	70.5	7.0	23.5	5.0					
			152.1m: chlorite + pyrite + quartz vein, w=3cm, $\angle$ 35deg.	0	0	0	1	0		150.0 - 153.0	30	0.2	91.5	7.1	26.5	2.0					
			152.3-162.0m: biotite - hornblende granodiorite, with weak chloritization & epidotization with pink feldspar + epidote alteration bands, w=2-3cm, 10-50cm interval	1	0	0	1	0		153.0 - 156.0	40	0.2	127.5	5.8	26.0	<2.0					
			152.3m: aprite dyke, w=7cm, $\angle$ 40deg.	0	0	0	1	1		156.0 - 159.0	70	0.3	355.0	8.9	28.5	<2.0					
			153.0-158.8m: chlorite + (pyrite) + (quartz) veinlets, w=1-8mm, 2-10cm interval, $\angle$ 60-90deg.	0	0	0	1	1		159.0 - 162.0	40	0.2	162.5	8.1	37.5	<2.0					
			158.8-159.0m: strongly chloritized shear zone, with dissemination of pyrite + chalcopyrite	1	0	0	1	1		162.0 - 165.0	50	0.2	201.0	7.0	48.0	<2.0					
			160.3m: epidote vein	3	1	0	2	0		165.0 - 168.0	40	0.2	210.0	10.0	43.5	<2.0					
160	X	162.0	162.0-165.0m: silicified granodiorite, with chlorite + pyrite veinlets, 10-20cm interval, $\angle$ 50deg.	0	0	0	1	0	3-163.9 PTX	162.0 - 165.0	50	0.2	201.0	7.0	48.0	<2.0					
			163.5-164.0m: chlorite network	0	0	0	1	0		165.0 - 170.7	170.7										
			164.0-164.2m: pink calcite network	0	0	0	1	1		165.0 - 166.4	40	0.2	210.0	10.0	43.5	<2.0					
			164.8m: chalcopyrite in chlorite veinlets	0	1	0	1	0		166.4-170.7m: chlorite stringers & pyrite stringers, & epidote veinlets, 30-40cm interval	0	1	0	2	0	167.5m: quartz + chlorite + pyrite veinlet, w=5mm, $\angle$ 50deg.	0	1	0	2	0
			162.6m, 164.0m: xenolith of hornfels	0	2	0	2	1		165.0 - 170.7m: strongly silicified rock, with chlorite network, original rock texture is destroyed	0	3	0	3	2	165.5m: pyrite stringer, $\angle$ 80deg.	0	2	0	2	1
			165.0-170.7m: weakly silicified & chloritized granodiorite	0	2	0	2	1		170.7-171.0m: chlorite network	0	3	0	3	2	167.5m: quartz + chlorite + pyrite veinlet, w=5mm, $\angle$ 50deg.	0	1	0	2	0
			165.5m: pyrite stringer, $\angle$ 80deg.	0	2	0	2	1		171.0-173.6m: dense network of chlorite + epidote + quartz	0	3	0	3	2	168.0-170.7m: chlorite stringers & pyrite stringers, & epidote veinlets, 30-40cm interval	1	1	0	2	0
			167.5m: quartz + chlorite + pyrite veinlet, w=5mm, $\angle$ 50deg.	0	1	0	2	0		173.6-179.1m: chloritized & partly silicified granodiorite	0	1	0	2	1	174.4m: quartz + chlorite + pyrite + (chalcopyrite) vein, $\angle$ 50deg., w=1.5cm	0	0	0	2	1
			168.0-170.7m: chlorite stringers & pyrite stringers, & epidote veinlets, 30-40cm interval	0	0	0	1	0		174.0-178.0m: stringers of chlorite + epidote + (pyrite), 10-30cm interval	0	0	0	2	1	174.0-178.0m: stringers of chlorite + epidote + (pyrite), 10-30cm interval	0	0	0	2	1
			170.7-173.6m: strongly silicified rock, with chlorite network, original rock texture is destroyed	0	1	0	2	1		178.0-179.1m: stringers of chlorite, 10-50cm interval	1	3	0	3	1	179.1-180.0m: strongly silicified rock, with veinlets of chlorite + epidote, with minor veinlets of quartz ( $\angle$ 65deg.), original rock texture is destroyed mafic minerals are replaced by chlorite	0	0	0	0	0
170	X	170.7	170.7-171.0m: chlorite network	0	3	0	3	2	3-172.5 X	168.0 - 171.0	40	0.2	177.0	6.2	24.0	<2.0					
			171.0-173.6m: dense network of chlorite + epidote + quartz	0	3	0	3	2		171.0 - 172.0	140	0.4	541.5	3.5	43.5	400.0					
			173.6-179.1m: chloritized & partly silicified granodiorite	0	1	0	2	1		172.0 - 173.0	160	0.4	545.0	3.1	44.5	7.0					
			174.4m: quartz + chlorite + pyrite + (chalcopyrite) vein, $\angle$ 50deg., w=1.5cm	0	1	0	2	1		173.0 - 174.0	50	0.2	306.5	4.4	26.0	<2.0					
			174.0-178.0m: stringers of chlorite + epidote + (pyrite), 10-30cm interval	0	0	0	2	1		174.0 - 177.0	110	0.7	523.5	7.0	29.5	39.0					
			178.0-179.1m: stringers of chlorite, 10-50cm interval	1	3	0	3	1		177.0 - 180.0	50	0.2	349.0	6.8	35.5	<2.0					
			179.1-180.0m: strongly silicified rock, with veinlets of chlorite + epidote, with minor veinlets of quartz ( $\angle$ 65deg.), original rock texture is destroyed mafic minerals are replaced by chlorite	0	0	0	0	0		180.0 - 185.0	20	0.2	111.5	7.1	26.0	<2.0					
			180.0-185.0m: weakly chloritized & epidotized granodiorite	0	1	0	1	1		183.0 - 186.0	10	0.2	141.5	7.5	40.5	<2.0					
			180.0-182.7m: chlorite + pyrite stringers, 30cm interval, $\angle$ 60deg.	0	2	0	2	1		186.0 - 187.0	190	0.4	569.5	5.7	43.5	21.0					
			182.7-183.5m: weakly silicified zone with pink feldspar bands	2	1	0	3	1		187.0 - 188.0	60	0.4	513.5	5.6	52.5	<2.0					
180	X	180.0	180.0-190.0m: silicified & chloritized granodiorite, with network of quartz + chlorite	0	1	0	2	1	3-174.4 P	188.0 - 189.0	20	0.2	198.5	6.8	20.0	9.0					
			186.5-190.0: strong chloritization, green rock, with chlorite network & pyrite stringers	0	1	0	2	0		189.0 - 192.0	30	0.3	339.0	12.4	47.0	<2.0					
			190.0-193.7m: weakly silicified & weakly chloritized granodiorite, with chlorite + pyrite stringers, 10-30cm interval, with pink feldspar bands, 50cm interval	0	1	0	2	0		192.0 - 195.0	40	0.4	475.5	8.2	41.5	2.0					
			190.4-190.6m: network of epidote + chlorite	0	2	0	2	0		195.0 - 196.0	170	0.9	571.5	16.9	50.0	18.0					
			190.6m: quartz + chlorite veinlet, w=8mm, $\angle$ 60deg.	3	2	0	2	0		196.0 - 197.0	100	0.4	529.5	8.2	48.5	16.0					
			193.7-200.3m: silicified & weakly chloritized granodiorite, with chlorite + pyrite stringers, 1-10cm interval	0	1	0	2	0		197.0 - 200.0	40	0.3	514.5	4.7	54.0	17.0					
			195.4m, 196.6-196.8m: chlorite + quartz + pyrite veins, w=5-7cm, $\angle$ 50-60deg.	0	1	0	1	0		200.0 - 203.0	30	0.2	250.0	6.7	30.0	5.0					
			193.7-195.7m, 196.5-197.0m: strongly silicified rock	0	0	0	1	2		203.0 - 206.0	20	<0.10	240.0	9.8	47.0	7.0					
			199.6m: quartz veinlet, w=3mm, $\angle$ 60deg.	0	0	0	1	1		206.0 - 209.0	50	0.1	507.5	6.4	33.5	10.0					
			200.3-212.8m: weakly chloritized & weakly epidotized granodiorite	0	0	0	1	0		209.0 - 212.8											
190	X	193.7	201.3m: epidote + quartz + chlorite vein, w=10cm	0	0	0	1	1	3-201.2 T	201.0 - 204.0	20	<0.10	240.0	9.8	47.0	7.0					
			201.0-204.0m: pink feldspar + epidote alteration zones, w=1-5cm, $\angle$ 30-50deg., with anhydrite?	0	0	0	1	1		204.0-204.6m: rhyolite dyke with chlorite veinlets	0	0	0	1	1						
			204.0-204.6m: rhyolite dyke with chlorite veinlets	0	0	0	1	1		204.6-209.5m: chlorite + pyrite stringers, w=5-10cm, $\angle$ 60-70deg.	0	0	0	1	1						
			204.6-209.5m: chlorite + pyrite stringers, w=5-10cm, $\angle$ 60-70deg.	0	0	0	1	1		208.0-209.0m: xenolith of hornblende diorite, $\phi$ 20cm	0	0	0	1	1						
			200.3-212.8m: weakly chloritized & weakly epidotized granodiorite	0	0	0	1	0													
			201.3m: epidote + quartz + chlorite vein, w=10cm	0	0	0	1	1													
			201.0-204.0m: pink feldspar + epidote alteration zones, w=1-5cm, $\angle$ 30-50deg., with anhydrite?	0	0	0	1	1													
			204.0-204.6m: rhyolite dyke with chlorite veinlets	0	0	0	1	1													
			204.6-209.5m: chlorite + pyrite stringers, w=5-10cm, $\angle$ 60-70deg.	0	0	0	1	1													
			208.0-209.0m: xenolith of hornblende diorite, $\phi$ 20cm	0	0	0	1	1													

## Appendix 12 Log of the Drill Hole "MJTA-3" (4/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidioriza	Examined Sample	Assay Interval	Assay results														
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)									
220	XXXXXX	212.8	205.0-205.3m: pink feldspar + epidote alteration zones	0	0	0	1	1	3-233.1 T1	209.0 - 212.0	40	<0.10	416.0	6.1	28.0	10.0									
			209.0-210.0m: chlorite + epidote stringers, w=10-20cm	0	1	0	1	1		212.0 - 213.0	110	0.4	595.0	8.4	32.5	17.0									
			210.0-212.8m: stringers of chlorite + epidote & quartz + pyrite stringers, w=5-10cm	0	1	0	1	0		213.0 - 214.0	30	<0.10	287.0	7.4	23.5	11.0									
		215.9	XXXXXX	212.8-215.9m: silicified & weakly chloritized granodiorite	0	1	0	2		1	214.0 - 215.0	140	0.4	575.0	9.9	30.0	13.0								
					0	1	2	0		2	1	215.0 - 216.0	200	0.9	645.0	6.3	37.5	51.0							
					0	0	0	1		1	216.0 - 219.0	20	0.1	173.5	6.9	26.0	25.0								
		212.8-213.0m, 213.4-213.8m: strongly silicified granodiorite, with chlorite stringers	0	0	0	1	1																		
		214.7-215.9m: dense network of chlorite, with weak dissemination of pyrite	0	0	0	2	1																		
		230	XXXXXX	232.9	215.9-232.9m: weakly chloritized granodiorite with chlorite + (pyrite) stringers, 30-30cm interval with epidote + pink feldspar + (chlorite) alteration bands, 50-100cm interval	0	0	0		1	1	3-233.1 T1	219.0 - 222.0	<10	<0.10	210.0	5.9	27.0	29.0						
					218.3-218.5m: strongly silicified & chloritized zone with quartz + chlorite + epidote veinlets	0	0	0		1	1		222.0 - 225.0	10	1.5	140.0	7.6	25.5	18.0						
					227.7m: rhyolite dyke, w=15cm, apritic	0	0	0		1	0														
				230.4m, 231.4m: anhydrite? veinlets, w=3-7mm, ∠40-50deg.	0	0	0	1		1															
				232.9	XXXXXX	232.9-235.6m: strongly silicified, strongly chloritized rock, with dense network of chlorite + pyrite, with epidote stringers	0	0		0	1		1	225.0 - 228.0	10	0.2	81.5	8.6	28.5	11.0					
							231.1m: quartz + pyrite + chlorite vein, w=5cm, ∠60deg.	0		0	0		1								0				
							231.0-231.3m: pyrite dissemination	0		0	0		1								1				
235.6	XXXXXX			235.6-238.5m: weakly silicified & chloritized granodiorite, with epidote veinlets, 50cm interval	0	1	0	1	1	231.0 - 233.0	100		0.3	375.5	18.6	31.0	10.0								
					238.5-239.6m: strongly silicified zone, ∠60deg.	3	3	0	3									2	233.0 - 234.0	70	0.5	595.0	62.4	37.5	<2.0
					239.6-247.0m: dark gray to greenish dark gray, chloritized fine andesite, including a lot of phenocrysts of hornblende & biotite (∅ 1-2mm), with calcite veinlets	2	3	0	3									2							
234.0 - 235.0	70			0.5	605.0	3.6	30.5	3.0																	
240	XXXXXX			238.5	238.5-239.6m: strongly silicified zone, ∠60deg.	1	1	0	2	2	235.0 - 236.0		30	0.1	221.0	3.6	24.5	<2.0							
						239.6-247.0m: dark gray to greenish dark gray, chloritized fine andesite, including a lot of phenocrysts of hornblende & biotite (∅ 1-2mm), with calcite veinlets	0	1	0	1	1		236.0 - 238.0	30	0.5	473.0	5.5	27.5	<2.0						
						247.0-250.0m: biotite - hornblende granodiorite, with minor veinlets of pyrite, with minor veinlets of chlorite, ∠70-80deg.	0	1	0	1	1		238.0 - 239.0	20	0.3	340.0	6.6	26.0	<2.0						
				239.6	XXXXXX	247.0-250.0m: biotite - hornblende granodiorite, with minor veinlets of pyrite, with minor veinlets of chlorite, ∠70-80deg.	0	1	0	2	1		239.0 - 240.0	40	0.3	190.0	7.2	47.0	<2.0						
		with epidote + pinkfeldspar alteration bands, w=1cm, 15-30cm interval	0				0	0	0	0	240.0 - 242.0	10	0.1	35.5	6.8	52.5	<2.0								
		0	0				0	0	0																
		0	0	0	0	0																			
		247.0	XXXXXX	247.0-250.0m: biotite - hornblende granodiorite, with minor veinlets of pyrite, with minor veinlets of chlorite, ∠70-80deg.	0	0	0	0	0	242.0 - 244.0	20	0.1	28.5	5.3	52.0	<2.0									
					0	0	0	0	0	244.0 - 247.0	30	0.1	62.0	4.6	50.5	<2.0									
					0	0	0	0	0																
		0	1	0	2	1																			
		250	XXXXXX	250.0-250.0m: biotite - hornblende granodiorite, with minor veinlets of pyrite, with minor veinlets of chlorite, ∠70-80deg.	0	1	0	2	1	247.0 - 250.0	50	0.2	299.0	12.4	24.5	<2.0									
					0	1	0	2	1																
					0	1	0	2	1																
		260	XXXXXX																						

## Appendix 13 Log of the Drill Hole "MJTA-4" (1/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
		0.00-6.00m	surface soil, silty sand, secondary alluvial sediment, yellowish brown	-	-	-	-	-								
		6.00-15.0m	debris, pebbly soil, yellowish brown colored pebbles: strongly weathered fine grained rock, $\phi$ 1-3cm, $\phi$ max: 20cm	-	-	-	-	-		6.0 - 7.5	20	0.6	194.0	10.6	84.0	<2.0
		15.00-20.40m	weathered (oxide) zone, fractures rich, brown colored, stained by limonite - hematite, original rock texture is unclear	-	-	-	-	-		7.5 - 9.0	10	0.6	290.0	13.0	74.0	<2.0
		20.40-25.00m	dark gray to black, fine grained andesite with dense network of chlorite, chlorite + epidote, pyrite + chlorite with stringers of quartz + pyrite, 1-2cm interval	-	-	-	-	-		9.0 - 10.5	50	0.8	306.0	10.6	76.0	<2.0
		25.00-30.5m	dark gray, fine grained andesite, fracture rich fracture surface is stained by Fe-oxide, pyrite, pyrite + Fe-oxide, chloride & quartz + pyrite interval of these fracture is 1-2cm transition zone between oxide zone and reduced zone	2	-	-	3	1		10.5 - 12.0	20	0.8	374.0	10.4	76.0	<2.0
		30.5-33.6m	dark gray, fine grained andesite, fracture rich, without Fe-oxide, with minor calcite vein 32.1m: quartz + pyrite veinlets, w=1cm, $\angle$ 70deg.	2	0	0	2	0		12.0 - 13.5	10	10.4	266.0	10.2	68.0	<2.0
		33.6-44.1m	greenish dark gray, fine grained andesite, with a lot of stringers (or network) of epidote, quartz, pyrite, quartz + pyrite, chlorite & calcite, interval of these stringers = 3-1cm, weakly silicified zones are locally developed, with dense network of quartz 37.7-38.0m: pale gray, weakly silicified zone 39.3m: quartz + pyrite veinlets w=5-10mm, $\angle$ 65deg. 40.7-41.3m: pale gray to pale green colored, silicified zone with disseminated pyrite 42.1m, 43.1m, 43.9m, 44.1m: quartz + pyrite + epidote veinlets, w=5-15mm, $\angle$ 60-70deg.	1	0	0	3	0		13.5 - 15.0	60	0.4	236.0	9.6	56.0	<2.0
		44.1-51.0m	dark green to dark gray colored, fine grained andesite with a lot of stringers of pyrite, pyrite + chlorite, pyrite + quartz, chlorite & quartz, 1-2cm interval with minor stringers of epidote & calcite 47.9m, 48.6m: quartz + chlorite veinlets, w=5-15mm, $\angle$ 45deg.	2	1	0	3	1		15.0 - 16.5	40	0.8	860.0	10.8	90.0	<2.0
		51.0-51.7m	calcite veinlets & clay veinlets $\angle$ 80deg. to $\angle$ 90deg., w=1-3mm	2	1	0	3	1		16.5 - 18.0	40	0.8	424.0	9.8	60.0	<2.0
		51.7-52.7m	weakly silicified zone with veinlets of quartz + chlorite, quartz + pyrite, quartz + epidote + chlorite, $\angle$ 40deg. to $\angle$ 60deg., w=5-10mm	1	0	0	2	1	4-40.9 PT	18.0 - 20.0	160	0.4	175.5	4.9	38.0	<2.0
		52.7-53.8m	greenish dark gray, fine grained andesite with a lot of stringers of pyrite, chlorite + pyrite, quartz, quartz + pyrite & epidote, 5-15mm interval 57-57.5m: silicified vein (w=2-3cm) with pyrite veinlets (w=0.5cm), $\angle$ 55deg.	2	1	0	2	1		20.0 - 22.0	10	0.4	362.0	9.6	54.0	50.0
		53.8-59.5m	silicified & chloritized fine grained andesite, with many stringers of pyrite, quartz + pyrite, quartz & chlorite, with silicified veins, with silicified & chloritized veins (w=1-3cm, $\angle$ 70deg. $\pm$ ) 62.7-63.0m: pink colored mineral (calcite?) veinlets, $\angle$ 80deg., w=3mm 62.0-64.9m, 66.0-66.7m: strongly silicified zone, rock texture is completely destroyed 66.2-66.8m: pink colored mineral vein (w=1-2cm, $\angle$ 90deg., formed after silicification, after pyritization)	2	1	0	2	1		22.0 - 24.0	10	0.4	232.0	11.2	56.0	<2.0
		59.5-66.7m	dark green to dark gray colored, fine grained andesite with a lot of stringers of chlorite, calcite(white) & quartz, with minor stringers of pyrite & pyrite + quartz	1	0	0	2	1		24.0 - 27.0	10	0.2	242.0	9.0	60.0	<2.0
		66.7-70.5m	dark green to dark gray colored, fine grained andesite with a lot of stringers of chlorite, calcite(white) & quartz, with minor stringers of pyrite & pyrite + quartz	2	1	0	2	1		27.0 - 30.0	60	0.1	379.5	4.1	30.5	<2.0
		70.5-73.3m	pale greenish light gray, weakly silicified & argillized rock, with sparse network of chlorite, calcite, quartz & chlorite + pyrite with weak epidotization	0	0	0	2	1		30.0 - 33.0	10	0.6	130.0	9.6	68.0	<2.0
				0	0	0	2	1		33.0 - 36.0	50	0.2	106.0	7.2	52.0	<2.0
				1	0	0	2	1		36.0 - 39.0	40	<0.1	80.0	9.0	52.0	10.0
				1	1	0	2	1		39.0 - 41.0	10	0.6	182.0	6.6	44.0	6.0
				2	1	0	2	1		41.0 - 42.0	200	0.4	370.0	9.8	44.0	7.0
				2	1	0	2	1		42.0 - 43.0	200	1.8	266.0	9.6	46.0	10.0
				2	1	0	2	1	4-42.0 PTX	43.0 - 44.0	20	0.8	244.0	13.8	54.0	6.0
				1	0	0	2	0	4-43.0 P	44.0 - 47.0	10	<0.1	168.0	9.6	46.0	<2.0
				1	1	0	2	1		47.0 - 50.0	20	0.6	342.0	10.0	50.0	13.0
				1	0	0	2	1		50.0 - 53.0	310	0.2	120.0	11.0	56.0	6.0
				1	1	0	2	1		53.0 - 56.0	80	<0.1	162.0	9.0	46.0	39.0
				1	0	0	2	1		56.0 - 59.0	90	0.4	142.0	13.8	56.0	29.0
				1	1	0	2	1		59.0 - 61.0	110	24.0	160.0	20.0	56.0	4.0
				3	1	0	2	1	4-62.0 P1	61.0 - 62.0	80	0.2	168.0	11.8	52.0	50.0
				3	2	1	3	1		62.0 - 63.0	40	<0.1	112.0	13.2	46.0	<2.0
				2	2	1	3	1		63.0 - 64.0	30	0.8	182.0	17.6	60.0	14.0
				2	2	1	3	1	4-63.5 PTX	64.0 - 65.0	110	<0.1	220.0	10.0	46.0	<2.0
				2	1	0	2	1		65.0 - 67.0	140	0.4	346.0	20.4	52.0	20.0
				2	2	0	3	1		67.0 - 70.5	90	0.4	122.0	12.8	58.0	5.0
				0	0	0	2	1								
				0	0	0	2	1								
				1	0	0	2	1								

## Appendix 13 Log of the Drill Hole "MJTA-4" (2/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicification	Argillization	Chloritization	Epidotization	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
80		73.5	73.3-75.0m: dark gray colored, fine grained andesite, with calcite network, with minor stringers of pyrite, chlorite, & quartz + epidote	1	1	1	2	1		70.5 - 72.5	20	<0.1	132.0	10.2	52.0	2.0
		75.0	75.0-79.3m: strongly silicified rock with network of pyrite, chlorite + pyrite, quartz + pyrite, chlorite, epidote original rock is fine grained andesite, dark gray to dark green colored	0	0	0	2	1		72.5 - 75.0	20	0.4	92.0	11.4	66.0	2.0
		79.3	75.5m: quartz + pyrite vein, w=2cm, $\angle 55\text{deg}$ . 79.0m: quartz + pyrite veinlets, w=0.5mm, $\angle 70\text{deg}$ .	3	1	0	2	1		75.0 - 78.0	50	<0.1	93.6	4.0	25.0	21.0
		82.5	79.3-82.5m: white to pinkish white colored calcite network in the fine grained andesite, with a lot of epidote stringers, total amount of disseminated pyrite is 1%	1	1	0	2	2		79.0 - 81.0	37	0.2	43.2	3.0	37.6	<2.0
		85.0	82.5-85.0m: dark gray to black, fine grained andesite, with stringers of pyrite + chlorite, pyrite, quartz & epidote, 5cm interval, total amount of disseminated pyrite is 1-2%	1	1	0	2	1		81.0 - 84.0	50	<0.1	56.0	2.0	45.2	<2.0
		92.0	85.0-92.0m: black to dark green colored, fine grained andesite with quartz + pyrite veinlets (86.7m, 86.9m, 87.9m, 88.2m, 88.5m, 89.2m, 89.8m, 90.3m, 90.5m), $\angle 60\text{deg}$ , w=3-10mm	1	0	0	1	1		84.0 - 87.0	53	<0.1	138.7	4.8	27.1	<2.0
		94.2	85.0m, 88.0m, 91.0m: pale green colored, silicified rock, with stringers of chlorite, chlorite + pyrite, pyrite & pyrite + quartz, 5-15mm interval, with traces of calcite veinlets	2	1	0	2	1		87.0 - 90.0	80	<0.1	202.4	3.0	24.9	<2.0
		99.5	92.0-94.2m: fine grained silicified andesite, light gray to light green colored, with sparse (5-10cm) network of chlorite, pyrite, epidote & quartz, with quartz + pyrite veinlets $\angle 60\text{deg}$ , w=5mm	1	1	0	2	2		90.0 - 92.0	47	<0.1	53.9	4.7	36.5	2.0
		103.2	94.2-99.5m: silicified and chloritized porphyritic andesite, light green colored, including plagioclase - phenocrysts ( $\phi$ 1-2mm), with sparse network of chlorite, pyrite, epidote, quartz + pyrite & chlorite + pyrite etc., 1cm to 10cm interval, pyrite dissemination is weak	0	2	0	2	1		92.0 - 95.0	67	<0.1	36.2	6.9	44.5	<2.0
		107.7	97.5m: chlorite + pyrite veinlets, $\angle 50\text{deg}$ , w=5mm	1	2	0	2	2		94.0 - 95.0	57	<0.1	27.1	12.9	41.4	<2.0
100		103.2	99.5-103.2m: green to pale green colored, porphyritic andesite, with silicified bands & epidotized bands, with pyrite stringers (3-10cm intervals), with minor stringers of chlorite + pyrite, quartz + pyrite, chlorite and quartz	1	2	0	2	2		95.0 - 98.0	470	<0.1	1308.0	7.6	33.7	<2.0
		107.7	103.2-107.7m: light gray to pale green colored, silicified rocks, with dense stringers (0.5-3cm interval) of pyrite, pyrite + quartz, chlorite + pyrite, epidote & quartz with veinlets of quartz + pyrites (w=3-7mm)	1	2	0	2	1		98.0 - 101.0	77	<0.1	148.7	8.7	29.4	<2.0
		127.4	104.5m: minor veinlets of anhydrite + epidote + K-feldspar (w=5mm), $\angle 55\text{deg}$ .	1	1	0	2	1		101.0 - 104.0	130	0.1	143.0	14.5	28.0	12.0
		132.6	107.7-127.4m: dark green to dark gray colored, chloritized porphyritic andesite, with stringers of pyrite, chlorite, epidote, quartz + pyrite & quartz, 1-5cm interval, with minor veinlets (w=3-10mm) of quartz + pyrite + chlorite, with K-feldspar bands (w=10cm $\pm$ )	1	2	0	2	2		104.0 - 105.0	120	0.1	376.5	4.0	23.2	33.0
		137.4	108.5m, 112.5-112.8m, 117.5-120.8m: silicified rock	1	1	0	2	2		105.0 - 106.0	67	<0.1	149.1	4.0	26.4	<2.0
		139.9	129.8m, 124.9m: anhydrite veinlets with quartz + epidote (w=2-10mm), $\angle 40-70\text{deg}$ .	2	2	0	2	2		106.0 - 107.0	80	<0.1	253.5	4.9	22.7	<2.0
		141.6	122.0m, 123.4m, 123.7m: traces of calcite veinlets after pyritization and chloritization	2	2	0	2	2		107.0 - 110.0	50	<0.1	131.5	5.6	27.0	<2.0
		144.4	125.0-127.4m: pale greenish to gray, coarse grained, porphyritic andesite, with minor stringers of pyrite, 20cm interval	1	0	0	2	1		110.0 - 113.0	47	0.1	70.4	5.1	58.8	2.0
		146.4	with minor stringers of epidote & chlorite with minor veinlets of calcite	1	0	0	2	1		113.0 - 116.0	57	<0.1	78.5	4.0	41.6	<2.0
		148.4	127.4-131.6m: dark greenish gray, fine grained andesite, slightly silicified, with a lot of stringers (interval: 1-2cm) of pyrite, pyrite + quartz, quartz, chlorite & chlorite + quartz, with weak dissemination of pyrite	0	1	0	2	1		116.0 - 119.0	73	<0.1	122.0	7.6	42.5	<2.0
120		131.6	128.0m: quartz + anhydrite veinlets, $\angle 75\text{deg}$ , w=7mm	0	1	0	2	1		119.0 - 122.0	57	<0.1	64.1	4.5	50.2	2.0
		132.6	131.6-132.6m: dark gray, fine grained andesite, with pyrite stringers (interval: 5cm $\pm$ )	0	0	0	2	1		122.0 - 125.0	63	<0.1	31.5	6.4	50.9	<2.0
		136.0	132.6-136.0m: slightly silicified andesite with pyrite stringers, with pyrite + quartz veinlets, with pyrite + quartz vein (w=1-4cm) $\angle 70\text{deg}$ , 30cm interval	0	0	0	2	1		125.0 - 128.0	57	<0.1	36.2	4.0	37.3	2.0
		137.4	136.0-137.4m: dark green colored andesite, with pyrite stringers, 2-3cm interval	2	1	0	2	1		128.0 - 131.0	60	<0.1	74.5	10.0	39.6	2.0
		139.9	136.8m: pyrite + quartz veinlets, $\angle 80\text{deg}$ , w=5-8mm	2	1	0	2	1		131.0 - 133.0	50	1.0	151.2	5.0	31.2	<2.0
		141.6	137.4-138.9m: stringers of quartz + pyrite & pyrite 1-5cm interval	3	2	0	2	1	4-133 2 PT	133.0 - 134.0	47	<0.1	110.6	6.9	20.6	<2.0
		144.4	137.9m: quartz + pyrite veinlets, $\angle 80\text{deg}$ , w=3-5mm	3	2	0	2	1		134.0 - 135.0	67	<0.1	252.5	4.0	25.0	<2.0
		146.4	138.9-146.4m: dark gray to dark green colored, fine grained andesite	2	1	0	2	1		135.0 - 136.0	80	<0.1	162.8	6.3	23.8	3.0
		148.4	140.4m, 141.1m, 141.6m, 142.0m: pyrite veinlets and quartz + pyrite veinlets, $\angle 70-80\text{deg}$ , w=3-8mm	1	0	0	2	1		136.0 - 139.0	37	<0.1	138.6	7.1	23.7	22.0
		149.9		2	1	0	2	1								

Appendix 13 Log of the Drill Hole "MJTA -4" (3/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica.	Argilliza.	Chloritiza.	Epidotiza.	Examined Sample	Assay Interval	Assay results						
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	
150			145.1m: pink calcite veinlets, w=1cm, $\angle$ 25deg., with quartz stringers, with chlorite stringers, with pyrite stringers (2-10cm interval)	1	0	0	2	1		139.0 - 142.0	43	<0.1	122.7	7.5	26.7	9.0	
			146.4-146.7m: coarse grained andesite tuff?, $\angle$ 10deg., w=20cm	1	0	0	2	0		142.0 - 145.0	67	<0.1	82.5	4.5	25.6	<2.0	
		146.4	146.7-149.8m: fine grained andesite with thin layers of coarse grained andesite tuff, with stringers of pyrite, quartz, chlorite	1	0	0	2	1		145.0 - 148.0	70	<0.1	89.1	3.0	25.6	3.0	
		149.8	149.8-150.0m: strongly silicified zone with quartz veinlets	1	0	0	2	1		148.0 - 151.0	110	0.1	282.3	13.3	27.9	28.0	
			150.0-160.2m: dark green colored, fine grained andesite, with stringers of chlorite, chlorite + pyrite, pyrite + quartz, 5cm interval	1	0	0	2	0		151.0 - 154.0	137	0.1	934.0	5.4	35.5	6.0	
			with minor stringers of calcite (cut the chlorite + pyrite stringers), $\angle$ 30deg. $\pm$ , w=1-2mm, 20cm interval pyrite dissemination is very weak	0	0	0	2	1		154.0 - 157.0	10	<0.1	62.0	15.4	57.8	4.0	
			153.1m: quartz + pyrite + chlorite veinlets, $\angle$ 90deg., w=5-10mm	0	0	0	2	1	4-156 0 T	160.2 - 163.0	10	<0.1	58.0	11.0	41.4	<2.0	
			153.2m: silty layers (thickness=3cm, $\angle$ 15deg.)	0	0	0	2	1		161.0 - 163.0	80	<0.1	102.0	14.2	49.2	2.0	
			153.2m: minor veinlets of chlorite + quartz + pyrite	0	0	0	2	1		163.0 - 167.0	<10	<0.1	88.0	9.4	34.8	5.0	
		160.2	160.2-163.0m: dark gray, porphyritic, coarse grained andesitic rock, with stringers of pyrite + chlorite + chlorite + quartz, 5-20cm interval, with minor veinlets of epidote & calcite	0	0	0	2	1		167.0 - 169.0	27	<0.1	504.0	8.8	33.6	<2.0	
170			163.0m, 161.6m, 163.5m: pyrite + chlorite & quartz + pyrite veinlets ( $\angle$ 55-70deg., w=3.5mm)	0	0	0	2	1		169.0 - 170.7							
		167.3	164.0-167.3m: dark green to dark gray colored, porphyritic andesite, with chlorite + pyrite, pyrite, epidote stringers ( $\angle$ 50-75deg., w=1mm, 1-5cm interval)	0	0	0	2	1		170.7 - 175.0	10	<0.1	144.0	9.6	40.2	6.0	
		169.1	167.3-169.1m: dense network of pyrite, with pyrite dissemination, with weak silicification	2	1	0	2	1		172.0 - 175.0	20	<0.1	132.0	10.2	31.0	2.0	
		170.7	169.1-170.7m: stringers of pyrite, pyrite + chlorite, 7-10cm interval, $\angle$ 60deg. $\pm$ , with minor veinlets of quartz, $\angle$ 30deg., w=8mm	3	1	0	2	1		175.0 - 178.0	17	<0.1	222.0	9.2	36.6	2.0	
			170.7-175.0m: coarse grained andesite tuff, light gray colored, with minor stringers of pyrite, epidote & quartz, 20-30cm interval	0	0	0	2	1		178.0 - 180.4	<10	0.1	66.0	6.8	41.4	7.0	
		175.0	175.0-178.2m: greenish gray, coarse grained andesitic rock, chloritized and epidotized, with stringers of pyrite & chlorite + pyrite, with veinlets of quartz + pyrite, $\angle$ 60deg., with minor veinlets of calcite, $\angle$ 40deg.	0	0	0	2	2		181.0 - 184.0	43	<0.1	110.0	17.8	84.8	5.0	
		178.2	179.1-180.4m: coarse grained andesitic rock, with a lot of calcite veinlets & white clay veinlets, with minor stringers of quartz + pyrite & pyrite stringers, $\angle$ 70deg.	1	0	0	2	2	4-180 3 X	184.0 - 187.5	170	0.2	680.0	9.0	43.0	19.0	
		179.1	180.4-184.8m: coarse grained andesite, strongly chloritized, with epidote alteration bands (w=2-10cm, $\angle$ 20-40deg., 10-30cm interval)	0	0	0	3	2		187.0 - 190.4	<10	14.0	188.0	11.8	51.2	5.0	
		180.4	184.8-190.4m: dark greenish gray, chloritized, coarse grained andesitic rock, with pyrite + chlorite stringers, $\angle$ 45-70deg., 5cm $\pm$ interval	0	0	0	3	2		190.4 - 193.3	<10	1.2	258.0	29.6	72.8	13.0	
	190			with minor veinlets of chlorite & quartz + pyrite, $\angle$ 80-90deg., w=5-8mm	0	0	0	3	2	4-187 5 TX	193.0 - 196.0	<10	<0.1	136.0	10.4	37.4	7.0
		184.8	188.0m, 189.0m: chlorite + calcite (pink) veinlets, $\angle$ 90deg., w=5-7mm	1	0	0	3	1		196.0 - 198.0	30	42.2	302.0	7.6	43.8	2.0	
		190.4	190.4-199.3m: weakly chloritized, coarse grained andesitic rock, with pyrite stringers, $\angle$ 50-70deg., w=0.5-1.5mm, 10cm interval	0	0	0	2	1		198.0 - 201.0	33	<0.1	218.0	27.8	56.0	19.0	
			with stringers of chlorite + pyrite, chlorite, epidote, quartz + pyrite, $\angle$ 60-75deg., 10-15cm intervals	1	0	0	2	1		201.0 - 203.2	<10	<0.1	204.0	10.0	59.4	7.0	
			with pyrite veinlet, 50-100cm interval	0	0	0	2	1		203.2 - 206.8	<10	7.8	158.0	40.8	83.0	9.0	
			194.6-198.0m: calcite veinlets & quartz veinlets, 50-100cm interval	0	0	0	2	2		206.0 - 209.0	<10	3.8	129.2	10.8	62.7	5.0	
			190.6m, 194.6m, 198m: strongly chloritized & strongly epidotized zone, width=20cm $\pm$	0	0	0	2	1		209.0 - 210.0	10	<0.1	88.0	8.2	44.8	7.0	
		199.3	199.3m: quartz + calcite + pyrite vein w=6cm, $\angle$ 65deg.	1	0	0	2	2									
200			201.0	201.0-201.5m: dark gray, fine grained andesitic tuff with calcite stringers	1	0	0	2	1								
			203.2	201.5-203.2m: coarse grained andesitic tuff with quartz + pyrite veinlets, $\angle$ 50deg. $\pm$ , 5-10cm interval, with calcite stringers, $\angle$ 30-70deg., 2-3cm interval	0	0	0	2	0								
		206.8	203.2-206.8m: dark gray to dark green colored, coarse grained andesitic rock, strongly chloritized, partly epidotized, with a lot of chlorite + pyrite stringers	1	1	0	3	2	4-205 0 TX								
			204.5-205.2m, 206-206.8m: chlorite + quartz + calcite veinlets, $\angle$ 80deg. to $\angle$ 90deg., with pyrite dissemination	1	1	0	3	2									

Appendix 13 Log of the Drill Hole "MJTA-4" (4/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicica	Argiliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
220		214.1	206.8-214.1m: dark gray, coarse grained andestic rock, with stringers of chlorite, chlorite + pyrite & pyrite. 5-15cm interval. $\angle$ 40-60deg pyrite dissemination is very weak with minor epidote stringers & calcite (pink) stringers	2	1	0	2	2	4-217.1 X	210.0 - 211.0	<10	<0.1	176.0	80.2	74.2	5.0
				1	1	0	2	2		211.0 - 212.0	37	6.4	254.0	45.0	80.2	6.0
				0	0	0	2	1								
				0	0	0	2	1								
				0	1	0	3	2		212.0 - 213.0	<10	2.2	150.0	10.4	49.6	13.0
				0	1	0	3	2								
				0	0	0	2	1		213.0 - 214.0	<10	6.2	172.0	50.0	65.6	14.0
				0	0	0	2	1								
				0	0	0	3	2								
				0	0	0	3	0		214.0 - 221.0	<10	<0.1	52.0	8.0	69.6	6.0
230		219.7	221.6-225.0m: dark green colored, andestic, fine grained rock, with stringers of epidote, pink calcite & chlorite, 1-2cm interval	0	0	0	2	1								
		221.6	224.4-224.6m: pyrite stringers	0	0	0	2	1								
				0	0	0	2	1								
				0	0	0	2	1								
				0	0	0	2	1		221.0 - 224.0	<10	<0.1	126.0	9.2	54.0	<2.0
				0	0	0	2	1								
				0	0	1	3	2								
				0	0	1	3	2		224.0 - 227.0	<10	4.2	133.3	82.2	63.4	<2.0
				0	0	0	2	1								
				0	0	1	3	3		227.0 - 230.0	<10	<0.1	128.0	15.8	57.0	<2.0
240		227.2	227.7-228.7m: pale green, chloritized, epidotized rock with calcite veinlets, alternation beds of fine grained tuff and coarse grained tuff	0	0	1	3	2								
		227.7		0	0	1	3	2								
				0	0	1	2	1								
				0	0	1	2	1		230.0 - 233.0	<10	<0.1	80.0	8.4	52.0	<2.0
				0	0	1	2	1								
				1	1	1	3	1								
				0	0	0	2	1		233.0 - 236.0	<10	47.6	54.0	17.8	47.8	<2.0
				0	0	0	2	1								
				0	0	0	2	1		236.0 - 239.0	17	<0.1	52.0	10.6	63.6	<2.0
				0	0	0	2	1								
250		230.3	228.7-230.3m: dark gray, fine grained andestic tuff with stringers of chlorite, chlorite + pyrite, calcite. $\angle$ 40-80deg., 1-3cm interval	0	0	1	2	1	4-248.6 P							
		231.7	230.4m: chlorite + pyrite vein ( $\angle$ 55deg., w=1cm)	0	0	0	2	1								
				0	0	0	2	1								
				0	0	0	2	1		239.0 - 242.0	<10	<0.1	62.0	7.8	56.4	<2.0
				0	0	0	2	1								
				1	0	0	2	1								
				1	0	0	2	1		242.0 - 245.0	<10	<0.1	60.0	13.4	61.0	<2.0
				0	0	0	2	1								
				0	0	0	2	1								
				0	0	0	2	1		245.0 - 248.0	<10	<0.1	80.0	8.2	59.0	5.0
250		245.4	231.7-234.7m: dark green to dark gray colored, fine grained andestic tuff with calcite network	0	0	0	2	1								
		248.1	234.7-235.5m: dark green colored, strongly chloritized rock with pyrite stringers, with pyrite veinlets, 2-5cm interval, with calcite + quartz veinlets	0	0	0	2	1								
250		248.1	235.5-245.4m: dark gray colored, fine grained andestic rock, with veinlets of quartz + pyrite, chlorite + pyrite, $\angle$ 50-70deg., w=2-4mm, 20cm interval, with minor veinlets of epidote	0	0	0	2	1								
		248.7	245.5-248.1m: dark gray, fine grained andestic rock, with chlorite stringers, $\angle$ 60deg., 1-3cm interval, with minor stringers of epidote & pyrite	2	1	1	3	3		248.0 - 250.0	67	0.4	436.0	5.6	51.2	<2.0
250		250.0	248.1-248.7m: strongly chloritized & epidotized zone, with dense network of quartz + pyrite, with pyrite dissemination, containing chalcopyrite??													
			248.7-250.0m: dark gray, fine grained andestic rock, with chlorite stringers, $\angle$ 60deg., 1-3cm interval, with minor stringers of epidote & pyrite													
260																
270																



## Appendix 14 Log of the Drill Hole "MJTA -5" (1/5)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
		3.0	0.0-2.0m. brown colored surface soil, coarse grained sand	-	-	-	-	-								
			2.0-8.50m. floats of flesh granite, $\phi$ 30-100cm 5.5-6.3m. strongly weathered granodiorite	-	-	-	-	-		0.0 - 3.0	<10	0.2	122.0	12.0	89.0	<2.0
				-	-	-	-	-		3.0 - 6.0	40	<0.1	59.0	9.0	40.0	<2.0
		8.5		-	-	-	-	-								
			8.5-33.0m. oxide zone, hematite stains along open fractures (5-20cm interval), brownish gray colored botite-hornblend granodiorite, Feldspar >> hornblend > biotite > quartz, grain size = $\phi$ 3-5mm, flesh with traces of epidote stringers (w=1-2mm, $\angle$ 70deg $\pm$ ), with pink feldspar bands (w=1-4cm), with traces of chlorite stringers ( $\angle$ 70deg.), with traces of quartz + pyrite veinlets (w=3-4mm, $\angle$ 75deg. $\pm$ ) 14.9-15.6m, 16.3m, 17.8m, 20.1m-21.3m, 24.2m, 25.2-26.5m, 29.2-29.6m. concentration of Fe-oxide along open fractures, pyrite dissemination is very weak	0	0	0	0	0		6.0 - 9.0	<10	0.6	370.0	19.0	53.0	<2.0
				0	0	0	0	0		9.0 - 12.0	<10	<0.1	251.0	14.0	55.0	<2.0
				0	0	0	0	0		12.0 - 15.0	<10	3.4	249.0	27.0	89.0	<2.0
				0	0	0	0	0		15.0 - 18.0	<10	2.2	268.0	18.0	60.0	<2.0
				0	0	0	0	0		18.0 - 21.0	30	<0.1	127.0	29.0	51.0	<2.0
				0	0	0	0	0		21.0 - 24.0	<10	<0.1	52.0	17.0	44.0	<2.0
				0	0	0	0	0		24.0 - 27.0	10	<0.1	88.0	15.0	49.0	<2.0
				0	0	0	0	0		27.0 - 30.0	<10	0.6	179.0	11.0	38.0	2.0
		33.0	33.0-50.3m. sulfide zone starts from 33.0m. hornblende - biotite or biotite - hornblende granite, medium grained, grain size = $\phi$ 3-4mm mineral assemblage = K-feldspar, plagioclase >> hornblend, biotite, quartz pyrite dissemination is weak, total amount of sulfide is less than 1% epidote veinlets (w=2-3mm) & pink feldspar bands occur are found (30-300cm interval), 33.8m. quartz + chlorite + pyrite veinlets, w=8mm, $\angle$ 70deg. 35.4m. quartz stringers & pyrite stringers, $\angle$ 80deg. 36.5m, 37.1m. chlorite + pyrite veinlets, w=2mm, $\angle$ 70deg., with pink feldspar bands 39.2m. chlorite + pyrite stringers, 2-3cm interval, $\angle$ 50deg. 40.5m. epidote veinlets with pink feldspar bands ( $\angle$ 75deg., w=5cm 41.8m. chlorite stringers ( $\angle$ 80deg.) 43.5-44.0m. Quartz veinlets (w=2mm $\pm$ , $\angle$ 80deg.) in the strongly chloritized rock 45.6m. chlorite stringers ( $\angle$ 75deg.) 47.4-47.8m. chlorite + pyrite stringers ( $\angle$ 90deg.) 49.7-49.8m. epidotized rock with pink feldspar bands (w=20cm) 49.3m. weakly epidotized rock with pink feldspar	0	0	0	0	0	5-34.7 TX	30.0 - 33.0	<10	<0.1	122.0	19.0	47.0	12.0
				0	0	0	0	0		33.0 - 36.0	<10	<0.1	87.0	10.0	42.0	<2.0
				0	0	0	0	0	5-36.5 TX	36.0 - 39.0	<10	<0.1	84.0	7.0	38.0	<2.0
				0	0	0	0	0		39.0 - 42.0	10	<0.1	56.0	15.0	48.0	<2.0
				1	0	0	2	2		42.0 - 45.0	<10	2.8	78.0	12.0	45.0	<2.0
			50.3-53.1m. pink colored, hornblende - biotite granite, medium grained, with pyrite stringers ( $\angle$ 60-70deg.) 52.3-52.7m. epidote stringers occur (10cm interval)	0	0	0	0	0		45.0 - 48.0	30	<0.1	222.0	14.0	46.0	6.0
			53.1-60.9m. light gray to pinkish light gray colored, hornblende - biotite granite, rarely traces of pyrite stringers ( $\angle$ 60-70deg) occur, 40-100cm interval 57m. strongly chloritized vein(w=2-3cm, $\angle$ 80deg.) 58-59m. chlorite stringers, $\angle$ 80deg., w=1mm 60.3-60.6m. pink colored aprite vein, $\angle$ 50deg., w=7cm	0	0	0	0	0		48.0 - 51.0	10	<0.1	92.0	13.0	39.0	<2.0
		50.3		0	0	0	0	0		51.0 - 54.0	20	<0.1	110.0	30.0	55.0	<2.0
			60.9-63.6m. epidotized granite, plagioclase changes to epidote, mafic minerals change to chlorite, original rock texture is clear 62-63.6m. a lot of epidote veinlets( $\angle$ 60deg., w=3-4mm) occur in pink colored granite, 3-5mm interval	0	0	0	0	0		54.0 - 57.0	<10	<0.1	68.0	12.0	39.0	<2.0
			63.6-68.4m. slightly argillized granite, plagioclase shows white color (white clay), other rock forming minerals are not altered pink colored alteration bands occur (w=1-5cm, $\angle$ 15-40deg., 3-40cm interval), plagioclase changes to epidote & white clay, K-feldspar shows pink color, mafic minerals change to chlorite	0	0	0	1	1		57.0 - 60.0	20	<0.1	56.0	16.0	47.0	<2.0
			68.4-72.9m. epidote - chlorite network zone, plagioclase changes to white clay and epidote, K-feldspar shows pink color, mafic minerals change to chlorite, with pyrite stringers ( $\angle$ 60deg. $\pm$ , 8-10cm interval), pyrite dissemination is weak, traces of chalcopyrite occur occur with pyrite stringers 70.5m. traces of quartz - pyrite - chalcopyrite - molibdenite veinlets (w=5mm)	0	0	0	1	1	5-64.5 TX	60.0 - 63.0	10	<0.1	57.0	26.0	47.0	3.0
				0	0	0	0	0		63.0 - 66.0	20	<0.1	21.0	9.0	43.0	<2.0
				0	0	0	0	0		66.0 - 69.0	20	<0.1	117.0	12.0	45.0	68.0
		60.9		0	0	0	1	1								
		63.6		0	0	0	1	1								
		68.4		0	0	0	1	1								

# Appendix 14 Log of the Drill Hole "MJTA-5" (2/5)

Scale (m)	Column	Depth (m)	Description	Silicification	Siltification	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
80		72.9	72.9-77.3m: light gray, hornblende - biotite granite, containing pink feldspar bands (w=2cm ±, ∠20deg., 10-20cm interval)	1	0	2	2	2	5-70.5 P	69.0 - 72.0	20	<0.1	261.0	15.0	60.0	15.0
		77.3	77.3-79.7m: 77.5-78.0m: chlorite + calcite veinlets, ∠80deg. 78.3-78.6m: quartz veinlets, ∠30-60deg., w=5mm 79.2-79.4m: chlorite + calcite stringer	1	0	2	2	2			72.0 - 75.0	20	<0.1	81.0	29.0	44.0
		79.7	79.7-82.6m: light gray colored, fresh granite 80.7m: pyrite stringer, ∠75deg. 81.7m: quartz + pyrite veinlets, ∠50deg., w=2-3mm, with small amounts of chalcocopyrite	0	0	0	0	0	75.0 - 79.0	20	<0.1	202.0	17.0	42.0	<2.0	
		82.6	82.6-84.0m: pink colored altered granite, with epidote veins - veinlets, (∠20deg. to ∠70deg., w=1-5mm) with quartz + pyrite pools (∅ 1-2cm)	0	0	0	0	0	78.0 - 81.0	30	<0.1	66.0	9.0	44.0	3.0	
		84.0	84.0-86.3m: plagioclase changes to epidote, K-feldspar shows pink color, mafic minerals change to chlorite	1	0	1	2	3								
		86.3	84.0-86.3m: 85.2m: quartz + pyrite + chalcocopyrite + molibdenite veinlets, ∠60deg., w=3-5mm 86.0m: quartz + pyrite veinlets, ∠80deg., w=3mm	1	0	0	1	1	81.0 - 84.0	30	3.8	86.0	26.0	52.0	<2.0	
		88.7	86.3-88.7m: dense network of chlorite, with a lot of epidote veinlets (∠30-40deg., w=3-5mm)	1	0	0	1	1	84.0 - 85.0	20	<0.1	20.0	11.0	47.0	<2.0	
		90.6	88.7m: quartz + pyrite veinlets with small amounts of chalcocopyrite	1	0	0	1	1	85.0 - 85.5	20	<0.1	193.0	35.0	37.0	<2.0	
		92.2	90.6-92.2m: chlorite + epidote network in strongly chloritized rock, green colored 90.8m: quartz + pyrite veinlet, ∠80deg.	0	0	0	2	2	85.5 - 88.0	20	1.2	200.0	25.0	58.0	33.0	
		97.0	92.2-97.0m: chlorite veinlets and epidote veinlets (5-20cm interval, ∠30-60deg.) with minor calcite + chlorite veinlets, most of mafic minerals change to chlorite 95.7m: quartz + pyrite veinlets (w=2mm, ∠85deg.)	0	0	1	3	3	88.0 - 91.0	20	<0.1	95.0	12.0	51.0	<2.0	
104.6	97.0-104.6m: pink colored alteration bands (K-feldspar, epidote & chlorite), 50cm ± interval, ∠20deg., w=1-5cm 102.4m, 104.3m: pyrite veinlets, ∠75 to ∠80deg., w=3cm ±, containing a small amounts of chalcocopyrite	0	0	0	2	2	91.0 - 92.0	30	2.0	120.0	84.0	63.0	<2.0			
106.6	104.6-106.6m: pink colored altered zone with epidote veinlets and chlorite veinlets (epidote: ∠20deg. ± chlorite: ∠70deg. ±)	0	0	1	3	3	92.0 - 95.0	20	1.2	46.0	12.0	54.0	<2.0			
107.8	104.7m: chalcocopyrite in chlorite veinlets	0	0	1	1	1	95.0 - 98.0	10	<0.1	160.0	27.0	53.0	<2.0			
109.4	107.8-108.3m: strongly epidotized & chloritized rock	0	0	0	1	1	98.0 - 101.0	20	<0.1	115.0	32.0	54.0	25.0			
112.6	108.5m: quartz + pyrite stringer (∠80deg.)	0	0	0	1	1	101.0 - 104.0	20	<0.1	34.0	8.0	39.0	16.0			
114.2	112.6-112.7m, 109.4-109.5m: strongly epidotized & chloritized rock, plagioclase changes to epidote, mafic minerals change to chlorite, with epidote stringers, with chlorite stringers (∠70deg ±)	0	0	1	2	2	104.0 - 107.0	10	<0.1	51.0	47.0	54.0	<2.0			
121.4	114.2-121.4m: light gray, fresh, hornblende - biotite granite, medium grained, with thin alteration bands (w=1-3cm, ∠20-40deg., 50-100cm interval) of pink feldspar + epidote + chlorite + white clay with pyrite stringers (w=1mm ±, ∠70-80deg., 50-100cm interval)	0	0	1	2	2	107.0 - 109.0	20	<0.1	28.0	17.0	50.0	13.0			
123.6	121.4-123.6m: pink colored, chloritized, epidotized & argillized granite, with chlorite and epidote veinlets (2-5cm interval), with traces of calcite veinlets (∠60deg., w=2-3mm)	0	0	0	1	1	110.0 - 113.0	20	<0.1	51.0	11.0	42.0	66.0			
135.0	123.6-134.2m: hornblende - biotite granite, medium grained, ∅ 3-4mm, light gray, fresh with thin alteration bands (w=1-4cm, ∠15-60deg., 50-100cm interval) of pink feldspar + epidote 127.4m: chloritized and silicified vein (w=3.5cm, ∠65deg.) 129.4m, 132.5m: quartz + chlorite veinlets (w=2mm ±, ∠65-70deg.) 133.6m: strongly epidotized zone, ∠20deg., w=5cm	0	0	1	2	2	113.0 - 116.0	30	<0.1	50.0	10.0	41.0	23.0			
134.2	134.2-135.0m: silicified rock with strong chloritization 134.2m: quartz vein with chalcocopyrite pools, ∅ 5mm	0	0	0	1	1	116.0 - 119.0	10	1.0	100.0	9.0	35.0	15.0			
135.0	135.0-142.5m: dark gray, biotite - hornblende granodiorite (or quartz diorite), fresh 135-136m: quartz + pyrite stringer (∠85deg.) 137.5m: xenoliths of diorite porphyry (∅ 4cm) 139-141m: a lot of chlorite stringers with pink feldspar	0	0	0	1	1	119.0 - 121.4	20	<0.1	54.0	15.0	46.0	27.0			
							121.4 - 123.6	20	<0.1	53.0	30.0	55.0	34.0			
							123.6 - 127.0	30	<0.1	109.0	25.0	55.0	26.0			
							127.0 - 130.0	30	1.6	206.0	18.0	42.0	17.0			
							130.0 - 134.2	20	<0.1	81.0	8.0	36.0	22.0			
							134.2 - 135.0	20	<0.1	42.0	4.0	62.0	12.0			
							135.0 - 138.0	20	1.0	69.0	9.0	39.0	12.0			

## Appendix 14 Log of the Drill Hole "MJTA-5" (3/5)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica.	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
150	X	142.5	142.5-147.5m: pink colored, weakly argillized hornblende - biotite granite. K-feldspar shows pink color. plagioclase changes to white clay, mafic minerals change to chlorite, with network of chlorite + epidote 147m: montmorillonite vein ( $\angle 50\text{deg}$ , w=3cm) in the strongly argillized zone	0	0	0	2	1	5-140.5 TX	138.0 - 141.0	40	<0.1	35.0	13.0	41.0	17.0
		147.5	150.0-152.6m: dark gray, hornblende - biotite or biotite - hornblende granodiorite (or quartz diorite), mafic mineral rich, with traces of chlorite stringers (100cm interval)	0	0	0	1	0		141.0 - 142.5	20	0.6	60.0	19.0	61.0	16.0
		150.0	152.6-169.3m: alternation beds (w=2cm to 20cm) of fresh granite and pink colored granite, 10-20cm interval fresh granite: dark gray to gray, hornblende - biotite granite, medium grained. 163.8-167.0m: chlorite + epidote vein, w=2-5cm, $\angle 20-70\text{deg}$ . pink colored granite: K-feldspar shows reddish pink color, plagioclase changes to epidote, with epidote stringers, with chlorite stringers, with quartz + pyrite stringers, with calcite stringers ( $\angle 20$ to $\angle 80\text{deg}$ , w=0.5-2mm), most of mafic minerals change to chlorite, pyrite dissemination is weak, less the 1% 158.5-159.2m & 163.5-164.0m: red colored granite, potassic alteration??	0	0	1	3	2		142.5 - 144.6	10	0.6	44.0	31.0	85.0	14.0
		152.6	169.3-176.6m: fresh granite, medium grained, $\phi$ 3-4mm, feldspar >> quartz, biotite, hornblende 172.6m: chloritized & slightly silicified band, w=5cm, $\angle 35\text{deg}$ .	0	0	1	3	2		144.6 - 147.5	10	1.4	113.0	39.0	81.0	7.0
		169.3	176.6-180.2m: dark gray to dark green colored, strongly silicified rock, with chloritization & epidotization, with pyrite >> chalcopyrite dissemination 177-178.3m: quartz + pyrite vein, $\angle 70\text{deg}$ , w=1-3cm, total amount of sulfide is 2% =	0	0	2	3	2		147.5 - 150.0	20	0.4	44.0	25.0	62.0	<2.0
		176.6	180.2-184.5m: chloritized granite with pyrite stringers and chlorite + pyrite stringers ( $\angle 70\text{deg}$ , w=2-3cm interval) 180.9-181.2m & 182.4-182.8m: strongly silicified & strongly chloritized zone, with weak dissemination of pyrite	0	0	0	0	0		150.0 - 153.0	70	0.2	26.0	16.0	52.0	40.0
		180.2	184.5-186.0m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	0	0	1	1	1		153.0 - 156.0	50	<0.1	34.0	14.0	59.0	<2.0
		184.5	186.0-188.7m: medium grained granite, with minor quartz veinlets (w=3mm $\pm$ , $\angle 85\text{deg}$ ), with chlorite stringers ( $\angle 90\text{deg}$ ), sulfide dissemination is very weak	0	0	1	1	1		156.0 - 159.0	40	0.2	67.0	16.0	54.0	54.0
		188.7	188.7-189.5m, 194.9-195.7m: fractured zone with weak epidotization and argillization (cracky core of $\phi$ 2-3cm), with minor chlorite films	0	0	0	0	0		159.0 - 162.0	30	<0.1	19.0	14.0	56.0	<2.0
		189.5	189.5-199.0m: light gray, fresh, hornblende - biotite granite, medium grained pink colored altered bands (w=3-10cm, $\angle 35\text{deg}$ to $55\text{deg}$ , 20-70cm interval), include a lot of epidote and chlorite pools with a lot of epidote veinlets & chlorite veinlets, 5-10cm interval	0	0	0	0	0		162.0 - 165.0	60	<0.1	26.0	12.0	50.0	52.0
190	O	194.9	199.0-200.2m: chlorite + pyrite + epidote network in pink colored granite, mafic minerals change to chlorite, most of plagioclase change to epidote	0	0	1	1	1	165.0 - 168.0	40	<0.1	47.0	12.0	66.0	<2.0	
		195.7	200.2-208.0m: light gray, medium grained, biotite - hornblende granite (granodiorite?) 202.2m: quartz + chlorite + pyrite veinlets, w=2mm, $\angle 75\text{deg}$ . 202.7-203.0m: quartz + chlorite + pyrite veinlets, w=1-3mm, $\angle 80\text{deg}$ . 203.6m: chlorite + pyrite stringers, 2-3cm interval, with pyrite dissemination	0	0	0	0	0	168.0 - 171.0	50	<0.1	82.0	18.0	69.0	<2.0	
		199.0	208.0-210.9m: a lot of chlorite stringers, with quartz + pyrite + molibdenite + (chalcopyrite) stringers, with quartz + chlorite + pyrite, with chlorite + pyrite veinlets, $\angle 75\text{deg}$ , $\pm$ , $\angle 20\text{deg}$ , $\pm$ , $\angle 50\text{deg}$ , $\pm$ , w=1-3mm pyrite dissemination with traces of chalcopyrite	0	0	0	0	0	171.0 - 174.0	50	<0.1	22.0	15.0	57.0	<2.0	
		200.2	210.9-218.0m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	1	2	1	3	1	174.0 - 177.0	140	5.4	146.0	324.0	305.0	11.0	
		200.2	218.0-219.0m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	2	3	1	3	1	177.0 - 180.0	80	3.4	183.0	187.0	270.0	23.0	
		200.2	219.0-219.5m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	1	3	1	3	1	180.0 - 183.0	60	0.4	147.0	36.0	237.0	16.0	
		200.2	219.5-219.7m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	1	1	1	2	1	183.0 - 186.0	50	<0.1	83.0	16.0	131.0	34.0	
		200.2	219.7-219.9m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	0	0	0	1	1	186.0 - 189.0	30	0.2	48.0	16.0	67.0	18.0	
		200.2	219.9-220.0m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	0	0	1	1	0	189.0 - 192.0	50	<0.1	22.0	14.0	56.0	20.0	
		200.2	220.0-220.2m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	0	0	1	1	1	192.0 - 195.0	40	0.2	30.0	17.0	53.0	26.0	
200	+	220.2	220.2-220.5m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	0	0	1	1	1	195.0 - 198.0	30	<0.1	27.0	34.0	73.0	<2.0	
		220.5	220.5-220.7m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	0	0	1	1	1	198.0 - 201.0	30	<0.1	17.0	20.0	66.0	<2.0	
		220.7	220.7-220.9m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	1	0	1	3	3	201.0 - 204.0	50	0.2	36.0	14.0	53.0	<2.0	
		220.9	220.9-221.0m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	0	0	0	1	1	204.0 - 207.0	30	0.8	35.0	37.0	49.0	13.0	
221.0	221.0-221.2m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	0	0	0	0	0	207.0 - 208.0	30	0.2	37.0	19.0	96.0	<2.0			
221.2	221.2-221.5m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ( $\angle 70-75\text{deg}$ , w=2-8mm, 5cm $\pm$ interval)	1	0	0	1	0	208.0 - 210.0	120	0.8	123.0	23.0	224.0	25.0			

## Appendix 14 Log of the Drill Hole "MJTA-5" (4/5)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results						
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	
220		210.9	210.9-211.6m: strongly silicified rock with chlorite network, with pyrite-molibdenite + (chalcopyrite?) dissemination	2	1	0	1	0	5-219.6 P1	210.0 - 211.0	110	0.8	134.0	29.0	104.0	26.0	
		211.6		2	3	0	2	2			211.0 - 214.0	130	1.0	192.0	53.0	132.0	26.0
		212.5		2	3	0	3	2				214.0 - 217.0	100	0.2	365.0	20.0	89.0
		213.9	3	3	2	3	3	217.0 - 219.0		120			0.4	289.0	26.0	71.0	37.0
		218.9	211.6-212.5m: pyrite stringers (∠60-80deg., 1-3cm interval), country rock is fresh granite	1	0	0	2			0	219.0 - 220.0		280	14.0	2064.0	1060.0	403.0
				1	0	0	2			0		220.0 - 221.0	200	3.4	388.0	279.0	120.0
				1	0	0	2	0		221.0 - 222.0			100	0.2	119.0	41.0	87.0
		222.7	212.5-213.9m: strongly silicified & chloritized rock with quartz + pyrite veinlets, with pyrite stringers with pyrite dissemination, total amount of pyrite is 2-3%	3	3	0	3	2			222.0 - 223.0		100	0.8	296.0	40.0	91.0
				2	3	1	3	2				223.0 - 224.0	100	0.4	166.0	31.0	132.0
				2	3	2	3	2		224.0 - 225.0			140	0.6	280.0	35.0	175.0
225.6	213.9-218.9m: pyrite stringers & chlorite stringers, 2-3cm interval, pyrite dissemination is weak, total amount of pyrite = 1% ±, mafic minerals change to chlorite	1	1	1	2	0	225.0 - 226.0	140	<0.1		110.0		18.0	82.0	4.0		
		0	0	0	1	0		226.0 - 229.0	110		0.6	189.0	25.0	71.0	108.0		
		1	0	0	0	0			229.0 - 232.0	90	0.6	141.0	20.0	72.0	452.0		
228.4	218.9-222.7m: strongly silicified rock with pyrite dissemination, with quartz + chalcopyrite + molibdenite veins & veinlets, ∠70-80deg., w=2-25mm dark gray colored clay veins occur along open fractures and along quartz veins	0	0	0	1	1	232.0 - 234.0			100	0.6	184.0	30.0	90.0	7.0		
		0	0	0	1	1		234.0 - 235.0		100	0.6	184.0	30.0	90.0	7.0		
		0	0	0	1	1			235.0 - 236.0	130	0.4	202.0	19.0	67.0	<2.0		
230	222.7-225.6m: pyrite stringers (∠75 to ∠80deg., 1-3cm interval), with weak pyrite dissemination	0	0	0	1	1	236.0 - 238.0			90	1.4	152.0	23.0	119.0	6.0		
		0	0	0	2	1		238.0 - 241.0		120	0.8	108.0	30.0	96.0	6.0		
		0	0	0	2	1			241.0 - 244.0	112	0.8	140.0	26.0	71.0	6.0		
230.9	225.5-228.4m: light gray, hornblende - biotite granite, fresh	0	0	0	1	0	244.0 - 247.0			100	1.8	146.0	82.0	209.0	19.0		
		0	0	0	1	0		247.0 - 250.0		11	0.8	159.0	33.0	164.0	<2.0		
		0	0	0	1	0			250.0 - 253.0	10	1.2	90.0	45.0	163.0	27.0		
235.8	227-227.5m: quartz + pyrite veinlets (w=2mm, ∠85deg., 2cm interval), with traces of chlorite stringers, ∠60deg.	0	0	0	1	0	253.0 - 256.0			20	1.6	85.0	44.0	175.0	7.0		
		0	0	0	1	0		256.0 - 259.0		10	1.2	152.0	41.0	185.0	19.0		
		0	0	0	1	0			259.0 - 262.0	10	2.2	231.0	85.0	98.0	9.0		
240	230.9-235.8m: quartz + pyrite + molibdenite veinlets, w=5-8mm, ∠70 to ∠85deg.	0	0	0	1	0	262.0 - 265.0			10	1.4	268.0	131.0	107.0	94.0		
		0	0	0	1	0		265.0 - 268.0		10	3.2	98.0	542.0	66.0	12.0		
		0	0	0	1	0			268.0 - 271.0	10	1.2	59.0	28.0	85.0	59.0		
245	235.8-236.2m: chloritized & epidotized zone, ∠20deg ±, w=30cm	0	0	0	1	0	271.0 - 274.0			10	1.2	59.0	28.0	85.0	59.0		
		0	1	0	2	1		274.0 - 277.0									
		0	0	0	1	0											
250	236.2-246.2m: 237.5m: chlorite stringer ∠85deg. 238.1m: chlorite + pyrite stringer ∠65deg. 241.2m: chloritized and silicified band, ∠20deg., w=3cm, with weak pyrite dissemination 242-244.5: quartz + pyrite veinlets, w=2mm, ∠70-90deg., with pyrite dissemination 245.2m: strongly chloritized and silicified zone with pyrite + (chalcopyrite) dissemination 246.0m: quartz + pyrite + (chalcopyrite) veinlets, w=2mm, ∠65deg.	0	0	0	1	0	277.0 - 280.0										
		0	0	0	1	0											
		0	0	0	1	0											
255	246.2-258.3m: fresh granite including alteration bands (w=1cm to 5cm, including epidote, pink feldspar & chlorite), 50-100cm interval 248.5m-251.0m: quartz + pyrite veinlets, ∠70-85deg., w=2mm ±, 3-5cm interval, with pyrite dissemination 251.8m: chlorite veinlets, horizontal, with silicification, width=2cm 252.0-254.8m: quartz + pyrite + (molibdenite) veinlets, 3-7cm interval, ∠70-80deg., w=2mm ±, with small amount of chalcopyrite 255.5-258.3m: quartz-pyrite-(molibdenite) stringers and veinlets, ∠70deg ±, w=1-2mm, 5-6cm interval	0	0	0	1	1											
		0	0	0	1	1											
		0	0	0	1	1											
260	258.3-259.4m: 258.3-259.4m: dense network of chlorite & epidote, plagioclase changes to epidote, mafic minerals change to chlorite, with weak dissemination of pyrite & chalcopyrite	1	0	0	1	1											
		0	0	0	1	1											
		0	0	0	1	1											
265	259.4-265.8m: 260.5-261.0m: a lot of pyrite stringers 262.8-263m: quartz + pyrite + (molibdenite) stringers and pyrite + chlorite stringers, 3cm interval 264-265.8m: quartz + pyrite + (molibdenite) stringers, 1-5cm interval, ∠70-80deg	1	0	0	1	1											
		0	0	0	1	1											
		1	0	0	0	0											
270	265.8-267.5m: silicified rock with a lot of quartz + pyrite veinlets, including a small amount of molibdenite 267.5-273.3m: 268.0-269.0m: quartz + pyrite veinlets in slightly epidotized granite, ∠75deg., w=2mm ± 269.5-273.3m: a lot of pyrite stringers and quartz + pyrite veinlets, ∠65-80deg.	3	2	0	0	0											
		0	0	0	1	1											
		1	0	0	1	1											
275	273.3-282.2m: pink colored, strongly chloritized and epidotized granite, with chlorite veinlets, with epidote veinlets, with minor calcite veinlets, with epidotized bands (∠20deg., w=5cm ±) at 275-281.5m 278m: quartz veinlets ∠75deg., w=3mm 280.5m: molibdenite + pyrite stringers, ∠80deg., w=1-2mm	0	0	1	3	2											
		0	0	1	3	2											
		0	0	1	3	2											

### Appendix 14 Log of the Drill Hole "MJTA-5" (5/5)

Scale (m)	Column	Depth (m)	Description	Sulphation	Silicifica.	Argilliza.	Chloriza	Epidoriza.	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
		282.2	282.2-287.7m: light gray, hornblende - biotite granite with alteration bands (w=3-4cm, $\angle$ 30-60deg.) of epidote + pink feldspar, with traces of pink colored calcite veinlets ( $\angle$ 65 to $\angle$ 70deg., w=2-4mm)	1	0	1	3	2								
				0	0	1	3	2								
			287.7-290.3m: pink colored granite with chlorite stringers & epidote stringers, $\angle$ 20-75deg., mafic minerals change to chlorite, plagioclase changes to white clay	0	0	0	1	1		280.0 - 283.0	10	0.4	58.0	25.0	77.0	80.0
				0	0	0	1	1								
		287.7	290.3-294.4m: pinkish light gray colored, hornblende - biotite granite, with minor epidote veinlets & minor chlorite veinlets, 50-100cm interval 291.4m: quartz + pyrite stringers, $\angle$ 75deg.	0	0	0	1	1		283.0 - 286.0	10	1.0	64.0	22.0	91.0	13.0
				0	0	0	1	1								
		290.3	294.4-295.8m: silicified zone with a lot of chlorite stringers ( $\angle$ 20deg.), pyrite dissemination is weak	0	0	0	1	1		286.0 - 289.0	10	2.8	33.0	20.0	98.0	96.0
				0	0	0	1	1								
		294.4	295.8-300.0m: pink colored granite with chlorite + epidote network, with minor veinlets of calcite	0	0	1	0	0		289.0 - 292.0	20	2.0	59.0	20.0	104.0	<2.0
				0	0	0	1	1								
		295.8		1	2	0	3	0		292.0 - 295.0	10	0.4	15.0	15.0	65.0	29.0
				1	2	0	2	0								
		300.0		0	0	1	3	1		295.0 - 298.0	10	1.0	18.0	19.0	60.0	11.0
				0	0	1	3	1		298.0 - 300.0	10	0.4	12.0	15.0	80.0	33.0
				0	0	1	3	1								