

## Appendix 17 Log of the Drill Hole "MJTA-8" (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)
			0.0-6.1m: brown to brownish gray colored surface soil, with a lot of gravels (ø 1-6cm)	-	-	-	-	-		0.0-3.0	10	<0.1	235.8	19.8	81.4	33.0
		6.1	6.1-10.0m: white, silicified rock with dense network of hematite, 0.5cm intervals, strongly silicified & argillized rock, fracture-rich, pebbly core, oxide zone	-	-	-	-	-		3.0-6.0	17	0.6	154.2	6.6	72.0	44.0
		10.0	10.0-13.30m: weathered rhyolite porphyry, brownish light gray colored, strongly argillized, crackly core, pebbly core, oxide zone	-	2	3	-	-		6.0-9.0	23	0.4	72.2	10.2	12.6	20.0
		13.3	13.30-19.80m: rhyolite porphyry, with hematite stringers (3-5cm intervals), weathered & Fe-oxide rich phenocryst: plagioclase >> quartz (ø 3-6mm) plagioclase changes to clay minerals, groundmass shows brown color by oxidation	-	0	3	-	-		9.0-12.0	10	0.2	161.6	6.2	117.6	12.0
		19.8	19.8-21.8m: white to light gray colored, strongly argillized rhyolite porphyry, rock texture is unclear because of strong alteration, oxide zone	-	0	2	-	-		12.0-15.0	33	<0.1	35.0	8.8	94.6	7.0
		21.8	21.8-27.5m: transition zone between oxide zone & sulfide zone, weakly weathered (Fe-oxide rich) rhyolite porphyry, brownish dark gray colored, strongly argillized, with weak dissemination of pyrite	-	0	2	-	-		15.0-18.0	13	0.8	43.4	18.8	132.8	17.0
		27.5	27.5-38.5m: reduced (sulfide) zone starts from the depth of 27.5m, fractured rock, crackly core, porphyry or rhyolite porphyry containing a large quantity of plagioclase phenocrysts (ø 3-6mm) phenocryst: plagioclase >> biotite, hornblend, quartz plagioclase: ø 3-6mm biotite, hornblend, quartz = ø 3mm ± Total amount of phenocryst: 40-50% plagioclase-phenocryst & groundmass are perfectly replaced by white clay minerals, mafic minerals change to chlorite	-	1	3	-	-		18.0-21.0	110	0.2	118.8	29.4	51.0	3.0
		38.5	38.5-41.6m: quartz + pyrite & prite network (1-1.5cm interval), slightly silicified, pyrite dissemination occur along these stringers, 38.5m: quartz + pyrite veinlets, w=7-10mm, ∠65deg.	0	0	3	2	0	8-37.5 TX	21.0-24.0	50	0.2	69.4	5.4	105.8	4.0
		41.6	41.6-44.0m: strongly silicified rock with pyrite dissemination, dark gray colored, compact this zone shows brecciated structure	0	0	3	2	0		24.0-27.0	33	0.2	59.2	14.2	112.2	<2.0
		44.0	44.0-46.3m: strongly argillized rock, greenish gray, dense network of quartz + chlorite + white clay	0	0	3	2	0		27.0-30.0	67	0.2	121.4	14.6	72.4	4.0
		46.3	46.3-50.7m: slightly silicified porphyry plagioclase phenocrysts change to white clay minerals, with pyrite stringers (2-4cm intervals) 49.0m: quartz + pyrite veinlets, ∠65deg., w=7-8mm	0	0	3	2	0		30.0-33.0	50	0.2	117.0	20.0	79.6	22.0
		50.7	50.7-54.8m: porphyry, light gray colored, strongly argillized, slightly silicified, with dense network of quartz + pyrite pyrite stringers (0.5-1cm interval), with pyrite dissemination 53.4m, 54.4m: quartz + chlorite + pyrite veinlets, ∠70-85deg., w=7mm ±	0	0	3	2	0		33.0-36.0	80	0.2	145.2	25.8	78.6	33.0
		54.8	54.8-58.7m: 55.4-55.7m & 56.8-57.5m: strongly argillized & strongly silicified zone, with pyrite (+ chalcopyrite?) dissemination, with quartz + pyrite network, total amount of sulfide is 2-3% 58.4-58.7m: strongly silicified zone, plagioclase-phenocrysts change to epidote + clay, with ameba shaped quartz-pools	1	1	3	2	0	8-37.5 TX	36.0-38.5	40	<0.1	70.4	17.8	64.4	15.0
		58.7	58.7-65.7m: porphyry, light brown colored, argillized rock with pyrite + quartz stringers (2-5cm interval) 59.0-62.0m: quartz + pyrite veinlets, ∠70-80deg., w=3-8mm	1	1	3	2	0		38.5-41.6	57	0.2	103.8	8.0	70.0	11.0
		65.7	65.7-71.3m: slightly silicified porphyry, greenish-light gray colored with strong argillization & epidotization with quartz + pyrite stringers, pyrite stringers & chlorite stringers (0.5cm ± or 2-4cm interval) chalcopyrite dissemination ??	3	4	2	0	0	8-55.6 PT	41.6-42.6	127	0.2	70.8	8.0	80.0	<2.0
				1	1	3	2	0		42.6-44.0	77	0.4	108.0	7.4	39.8	44.0
				0	1	2	1	0		44.0-46.3	77	<0.1	151.4	8.4	60.6	7.0
				0	1	2	1	0		46.3-49.0	37	<0.1	96.6	6.8	68.8	<2.0
				0	1	2	1	0		49.0-51.0	37	1.6	62.4	7.0	51.8	12.0
				1	1	3	2	1		51.0-53.0	40	<0.1	52.6	4.6	47.6	<2.0
				2	1	3	2	1		53.0-54.0	30	<0.1	49.0	4.8	49.0	<2.0
				2	1	3	2	1		54.0-55.0	50	0.6	64.2	5.6	50.2	<2.0
				1	1	3	2	1		55.0-56.0	33	<0.1	48.2	16.2	64.0	<2.0
				1	1	3	2	1		58.0-59.0	27	<0.1	54.6	12.0	66.8	13.0
				1	0	2	2	0		59.0-62.0	33	<0.1	45.6	10.6	66.4	<2.0
				1	0	2	2	0		62.0-65.0	27	<0.1	54.4	13.8	76.8	<2.0
				0	0	2	2	0		65.0-66.0	<10	<0.1	37.6	11.0	73.4	<2.0
				0	0	2	2	0								
				0	1	2	2	1								
				1	1	2	2	1								

## Appendix 17 Log of the Drill Hole "MJTA-8" (2/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica.	Argilliza	Chloritiza	Epidoliza.	Examined Sample	Assay Interval	Assay results							
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)		
80		71.3	71.3-73.4m: alternation beds of strongly silicified rock & strongly argillized rock silicified rock: dark gray, strong dissemination of pyrite	1	1	2	2	1	8-70.8 T	66.0 - 71.0	17	<0.1	64.8	11.0	99.4	<2.0		
		73.4		71.0 - 72.0	70	<0.1	49.2	12.4		93.8	55.0							
				72.0 - 73.0	27	<0.1	19.6	11.2		83.4	7.0							
		77.2	73.4-77.2m: weakly argillized porphyry with traces of pyrite stringers, brownish gray colored	0	0	2	2	1	8-84.0 PTX	73.0 - 76.0	33	<0.1	30.6	13.8	81.6	<2.0		
				0	0	2	1	0		76.0 - 79.0	40	<0.1	29.6	26.6	73.0	11.0		
		78.1	77.2-78.1m: weakly silicified porphyry, quartz + pyrite network with pyrite dissemination	0	0	2	1	0	8-86.0 P	79.0 - 81.0	37	<0.1	40.6	21.6	76.6	11.0		
				0	0	2	1	0		81.0 - 83.0	37	<0.1	37.0	16.4	91.8	6.0		
		90		83.1	78.1-83.1m: porphyry, brownish gray phenocryst= plagioclase>>quartz, hornblend>biotite total amount of phenocrysts is 40%-50% traces of quartz + pyrite stringers locally occur 78.6m: quartz + pyrite vein, w=1.5cm, ∠45deg 82.5m: pyrite + quartz veinlets, w=3mm, ∠90deg	2	2	3	1	0	8-84.0 PTX	83.0 - 84.0	67	<0.1	45.0	16.8	59.4	26.0
				89.3		84.0 - 85.0	60	<0.1	45.6	12.0		38.6	20.0					
						85.0 - 86.0	93	<0.1	99.8	16.0		57.8	19.0					
				89.3	83.1-89.3m: silicified porphyry with dense network of quartz + pyrite (interval of 5-6mm) with a lot of quartz + pyrite veinlets, light gray colored, 86.5-87.5m: strongly silicified zone with strong dissemination of pyrite, with quartz + pyrite vein (w= more than 5cm, ∠80deg.), 87.6-89.3m: slightly silicified zone with dense network of pyrite, with quartz + pyrite veinlets	2	3	3	1	0	8-86.0 P	86.0 - 87.0	103	<0.1	44.2	18.6	36.2	28.0
						3	4	3	1	0		87.0 - 89.0	130	<0.1	96.2	18.0	54.2	50.0
94.5	89.3-94.5m: brownish gray colored porphyry plagioclase phenocrysts (ø 5-7mm) change to white clay, hornblende phenocrysts change to chlorite 89.6-90.0m, 90.4-90.6m, 92.6-93.4m: dense network of pyrite & dense network of quartz + pyrite			0	0	2	1	0	8-102.0 P	89.0 - 92.0	97	0.2	147.6	18.4	68.0	8.0		
				0	0	2	1	0		92.0 - 95.0	47	<0.1	61.6	21.8	60.8	8.0		
98.3	94.5-98.3m: strongly argillized & weakly silicified zone with dense network of quartz + pyrite, with pyrite dissemination			1	1	3	2	0	8-104.0 PTX I	95.0 - 98.3	113	<0.1	64.2	14.8	75.4	15.0		
				4	4	3	1	1		98.3 - 100.0	80	<0.1	31.6	14.8	49.0	<2.0		
102.9	98.3-102.9m: strongly silicified breccia, with pyrite dissemination, with a lot of quartz + pyrite veinlets, with dense network of quartz breccia consists of white breccia of porphyry (ø 2-5cm) & dark gray colored silicified matrix			4	4	3	1	1	8-102.0 P	100.0 - 101.0	43	<0.1	45.0	17.8	55.2	<2.0		
				4	4	3	1	1		101.0 - 102.0	30	<0.1	22.8	13.4	43.6	<2.0		
105.5	102.9-105.5m: argillized & slightly silicified porphyry, light gray colored, with dense network of quartz, quartz + pyrite, clay & chlorite, pyrite dissemination is weak			4	4	3	1	1	8-104.0 PTX I	102.0 - 105.0	30	0.2	50.0	16.6	54.2	23.0		
		2	2	3	1	0	103.0 - 105.5	97		<0.1	157.4	14.4	81.0	26.0				
109.5	105.5-109.5m: weakly argillized porphyry, plagioclase phenocrysts change to white clay minerals, all mafic minerals change to chlorite, groundmass is mainly composed of K-feldspar & quartz	0	0	2	2	0	8-121.0 PI	105.5 - 109.5	93	0.2	117.6	23.0	101.2	34.0				
		1	1	4	3	0		109.5 - 113.0	73	0.2	102.0	22.0	72.0	49.0				
113.0	109.5-113.0m: pale gray or pale green colored, strongly argillized rock, with a lot of quartz veinlets (∠ 40-70deg., w=3-6mm, 3-4cm interval), with a lot of pyrite stringers	0	0	1	2	0	8-121.0 PI	113.0 - 114.7	57	<0.1	83.8	28.8	103.4	47.0				
		1	3	2	3	0		114.7 - 118.0	113	0.2	129.0	50.2	56.4	58.0				
114.7	113.0-114.7m: porphyritic dacite dyke, ∠65deg., w=80cm ±, plagioclase phenocrysts change to white clay & mafic minerals change to chlorite traces of quartz + pyrite veinlets (∠70deg., w=5mm ±) are found	2	5	0	0	0	8-121.0 PI	118.0 - 119.0	110	0.2	46.4	54.0	46.0	<2.0				
		3	5	0	0	0		119.0 - 120.0	77	0.4	52.6	101.8	30.8	28.0				
120	114.7-130.7m: strongly silicified zone, pale gray to greenish gray colored, with pyrite veinlets (3-4cm interval), & with pyrite dissemination, & with pyrite pools original rock texture is completely destroyed by strong silicification, porphyritic texture is rarely observed (plagioclase phenocrysts change to sericite 115-117m & 129.1-130.7m: transitional zone between silicified zone & argillized zone, a lot of quartz + pyrite veinlets & stringers are observed	3	5	0	0	0	8-121.0 PI	120.0 - 121.0	70	0.6	39.0	137.8	27.0	43.0				
		2	5	0	0	0		121.0 - 122.0	93	0.4	51.2	78.0	44.8	29.0				
130	130.7-138.8m: pale green to light gray colored, strongly argillized & slightly silicified porphyry, with a lot of quartz, quartz + pyrite, pyrite stringers (∠40-70deg., 2-5cm intervals), pyrite dissemination is weak, original rock texture is clear, plagioclase phenocrysts & groundmass change to white clay, mafic mineral phenocrysts change to chlorite, 138.8-140.6m: light gray colored, argillized & chloritized porphyry, with quartz + pyrite veinlets (∠20-65deg., interval of 5-10cm), slightly silicified	3	5	0	0	0	8-121.0 PI	122.0 - 123.0	40	<0.1	11.4	40.2	38.0	20.0				
		3	5	0	0	0		123.0 - 124.0	23	<0.1	24.6	41.4	52.6	18.0				
130.7	130.7-138.8m: pale green to light gray colored, strongly argillized & slightly silicified porphyry, with a lot of quartz, quartz + pyrite, pyrite stringers (∠40-70deg., 2-5cm intervals), pyrite dissemination is weak, original rock texture is clear, plagioclase phenocrysts & groundmass change to white clay, mafic mineral phenocrysts change to chlorite, 138.8-140.6m: light gray colored, argillized & chloritized porphyry, with quartz + pyrite veinlets (∠20-65deg., interval of 5-10cm), slightly silicified	3	5	0	0	0	8-121.0 PI	124.0 - 125.0	30	<0.1	20.8	33.2	39.2	28.0				
		3	5	0	1	0		125.0 - 127.0	30	0.4	30.2	127.4	56.6	<2.0				
138.8	130.7-138.8m: pale green to light gray colored, strongly argillized & slightly silicified porphyry, with a lot of quartz, quartz + pyrite, pyrite stringers (∠40-70deg., 2-5cm intervals), pyrite dissemination is weak, original rock texture is clear, plagioclase phenocrysts & groundmass change to white clay, mafic mineral phenocrysts change to chlorite, 138.8-140.6m: light gray colored, argillized & chloritized porphyry, with quartz + pyrite veinlets (∠20-65deg., interval of 5-10cm), slightly silicified	2	5	0	1	0	8-121.0 PI	127.0 - 129.0	63	0.2	88.8	70.2	53.8	<2.0				
		1	3	2	2	1		129.0 - 132.0	80	<0.1	71.8	43.2	53.4	23.0				
138.8	130.7-138.8m: pale green to light gray colored, strongly argillized & slightly silicified porphyry, with a lot of quartz, quartz + pyrite, pyrite stringers (∠40-70deg., 2-5cm intervals), pyrite dissemination is weak, original rock texture is clear, plagioclase phenocrysts & groundmass change to white clay, mafic mineral phenocrysts change to chlorite, 138.8-140.6m: light gray colored, argillized & chloritized porphyry, with quartz + pyrite veinlets (∠20-65deg., interval of 5-10cm), slightly silicified	0	1	3	2	0	8-121.0 PI	132.0 - 135.0	53	<0.1	85.2	23.0	81.6	30.0				
		0	1	3	2	0		135.0 - 138.0	77	<0.1	107.0	25.4	83.6	34.0				

## Appendix 17 Log of the Drill Hole "MJTA -8" (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		140.6	140.6-142.5m: strongly silicified rock, with quartz + pyrite veinlets & stringers, with quartz, + pyrite pools (ø 1-2cm), rock texture is destroyed by strong silicification	1	3	2	2	1	8-150.4 PX	138.0 - 141.0	90	<0.1	169.2	30.0	73.8	48.0				
		141.5		2	4	1	2	2		141.0 - 144.0	67	<0.1	94.4	33.4	56.0	23.0				
		146.7	143.0-146.7m: strongly silicified rock, with quartz + pyrite network, with quartz network, with quartz + pyrite pools, rock texture is completely destroyed by strong alteration	2	4	2	3	1		8-150.4 PX	144.0 - 147.0	57	<0.1	75.2	33.4	68.6	35.0			
				2	4	2	3	1												
		148.0	146.7-148.0m: gray, argillized & slightly silicified porphyry with pyrite stringers	0	2	3	2	1		8-150.4 PX										
				0	3	3	2	1			147.0 - 150.0	70	<0.1	126.4	65.6	92.0	44.0			
		151.4	148.0-151.4m: light gray colored, strongly silicified rock with pyrite dissemination, with pyrite network, with pyrite + quartz network, original rock texture is destroyed by strong alteration	3	4	2	2	1		8-151.0 T	150.0 - 151.0	60	<0.1	225.0	22.8	68.4	<2.0			
				3	2	3	2	2			151.0 - 152.0	50	<0.1	144.4	31.4	80.6	30.0			
		154.3	151.4-151.8m: pale green colored, strongly argillized rock with quartz + pyrite stringers (interval of 3cm), slightly silicified, total amount of sulfide is 3%	3	4	3	2	1		8-157.0 PT	152.0 - 153.0	57	0.8	83.4	22.8	73.2	<2.0			
				3	4	3	2	1			153.0 - 154.0	43	<0.1	121.6	32.0	56.0	<2.0			
160		158.7	151.8-154.3m: light gray colored, strongly silicified rock, with quartz + pyrite network, with pyrite network, with quartz network with pyrite dissemination	4	5	1	1	1	8-157.0 PT	154.0 - 155.0	53	0.4	102.2	50.0	77.6	<2.0				
				4	5	1	1	1		155.0 - 156.0	57	3.0	189.4	19.8	91.2	<2.0				
		161.5	154.3-158.7m: strongly silicified rock, with strong dissemination of pyrite (3-4%), with a lot of pyrite veinlets, with quartz + pyrite & quartz veinlets, (∠ 60deg. ±, w=5-10mm, 2-4cm interval), original rock texture is completely destroyed	4	5	1	1	1		8-157.0 PT	156.0 - 157.0	53	0.6	63.4	41.2	47.2	<2.0			
				4	5	0	0	0			157.0 - 158.0	103	1.4	67.4	68.8	45.2	<2.0			
		165.0	158.7-161.5m: strongly silicified rock with pyrite dissemination & pyrite network, coarse grained quartz veinlets & quartz stringers occur (3-4cm interval), original rock texture (porphyritic texture) is slightly observed	3	5	1	1	0		8-157.0 PT	158.0 - 161.0	50	0.2	135.8	87.2	40.4	<2.0			
				3	5	1	1	0			161.0 - 163.0	90	1.2	152.0	36.2	74.8	<2.0			
		170		165.0	161.5-165.0m: strongly silicified rock with pyrite dissemination & pyrite network, coarse grained quartz veinlets & quartz stringers occur (3-4cm interval), original rock texture (porphyritic texture) is slightly observed	2	3	4		3	1	8-157.0 PT	163.0 - 165.0	127	<0.1	249.4	43.8	66.4	<2.0	
						2	3	4		3	1		165.0 - 168.0	70	<0.1	95.0	64.6	71.8	<2.0	
				172.4	165.0-172.4m: greenish gray colored, strongly argillized & strongly chloritized porphyry, with quartz + pyrite veinlets (∠ 60deg., w=4-10mm, interval of 3-5cm), pyrite dissemination is weak	0	1	3		3	0		8-157.0 PT	168.0 - 171.0	90	0.6	94.6	22.8	75.0	<2.0
						0	1	3		3	0			171.0 - 172.0	60	3.4	137.2	19.2	77.2	<2.0
177.0	170.0-170.6m: strongly silicified rock, fine grained rock, original rock texture is destroyed by strong silicification, total amount of disseminated pyrite is about 1%			1	2	3	3	0	8-157.0 PT	172.0 - 175.0	77		0.2	132.8	26.0	68.0	<2.0			
				1	3	2	3	0		175.0 - 178.0	37		<0.1	76.0	34.6	98.4	2.0			
180				185.8	172.4-177.0m: strongly argillized & chloritized porphyry and strongly silicified porphyry, contact boundaries between argillized part and silicified part are irregular	0	0	1	2	0	8-157.0 PT		178.0 - 181.0	23	0.4	100.8	15.0	148.0	<2.0	
						0	0	1	2	0			181.0 - 184.0	<10	<0.1	93.0	10.6	127.0	<2.0	
				188.0	177.0-185.8m: fine grained andesite? dyke, with chloritized hornblende phenocrysts (ø 1mm) & argillized plagioclase phenocrysts (ø 1-2mm), traces of clay veinlets occur (interval of 4-10cm)	0	0	1	2	0			8-157.0 PT	184.0 - 186.0	17	1.0	39.2	11.6	115.8	<2.0
						1	3	1	1	0				186.0 - 189.0	210	1.8	78.0	11.4	70.0	<2.0
		192.0	185.8-188.0m: argillized & chloritized part: pyrite dissemination is very weak (<1%) silicified part: pyrite dissemination is strong (2% ±)	0	0	2	3	0	8-157.0 PT	189.0 - 192.0		70	<0.1	147.2	24.8	81.4	<2.0			
				0	1	2	3	0		192.0 - 195.0		70	<0.1	69.2	19.2	87.8	<2.0			
		200		192.0	188.0-190.0m: green colored porphyry, argillized & chloritized, with quartz + pyrite veinlets (∠ 70deg., w=5-10mm), with quartz stringers (2-3cm interval)	0	0	1	3	1		8-157.0 PT	195.0 - 198.0	60	<0.1	154.0	28.8	80.4	2.0	
						0	0	1	3	1			198.0 - 201.0	50	1.2	98.2	34.2	85.8	<2.0	
				205.3	190.0-192.0m: strongly silicified rock with pyrite dissemination, showing brecciated structure. (ø 2-4cm)	0	0	1	3	1			8-157.0 PT	201.0 - 204.0	50	0.2	104.8	16.2	94.6	<2.0
						0	0	1	3	1				204.0 - 207.0	40	0.8	97.0	22.8	86.8	<2.0
205.3	192.0-205.3m: chloritized porphyritic dacite (dyke?), with weak argillization, rock texture is clear, with quartz + pyrite stringers, with quartz stringers, with epidote + pyrite stringers (interval of 3-5cm) pyrite dissemination is weak fractured rock (cracky core)			0	0	1	3	1	8-157.0 PT	207.0 - 210.0	70		<0.1	86.4	25.2	81.2	<2.0			
				0	0	1	3	2												
205.3	205.3-214.4m: chloritized porphyry, weakly argillized, pyrite stringers occur (interval of 2-3cm), fractured core (cracky core), original rock texture is clear			0	0	1	3	2	8-157.0 PT											
				0	0	1	3	2												

## Appendix 17 Log of the Drill Hole "MJTA-8" (4/4)

Scale (m)	Column	Depth (m)	Description	Sulphidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results						
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	
		214.4	<p>214.4-219.0m: strongly silicified zone, greenish dark gray colored, original rock texture is not clear because of strong solidification, plagioclase phenocrysts show pale green colored (epidotized?). all mafic minerals change to chlorite, small amount of pink colored anhedral minerals (K-feldspar?) occur locally.</p> <p>pyrite stringers, chlorite + pyrite stringers &amp; quartz + pyrite veinlets occur (interval of 2-3cm), pyrite dissemination is weak, traces of chalcopyrite stringers occur locally</p>	0	0	1	4	2									
				0	0	1	4	2		210.0 - 213.0	80	<0.1	115.6	17.0	79.0	<2.0	
				1	1	1	4	2									
				1	1	1	3	1									
				1	1	1	3	1									
				2	3	2	2	1		213.0 - 216.0	100	<0.1	116.4	43.4	74.6	<2.0	
				2	3	2	2	1									
				2	3	2	2	2		216.0 - 219.0	80	<0.1	88.8	29.2	63.8	<2.0	
				2	4	2	2	2									
				2	4	2	2	2		219.0 - 222.0	50	0.2	96.0	39.0	86.0	15.0	
		219.0	<p>219.0-226.0m: strongly silicified rock, greenish dark, gray colored</p> <p>dense network of quartz, quartz + pyrite, pyrite, chlorite + pyrite, quartz + calcite + pyrite</p> <p>weak dissemination of pyrite</p> <p>a lot of veins &amp; veinlets of quartz &amp; quartz + pyrite (interval of 5-15cm <math>\angle</math> 40-60deg., w=4-15mm)</p>	2	4	2	2	2									
				2	4	2	2	2									
				2	4	2	2	2		222.0 - 224.0	40	<0.1	82.0	26.0	80.0	46.0	
				2	4	2	2	2									
				2	4	2	2	2		224.0 - 227.0	30	<0.1	87.0	24.0	76.0	10.0	
				1	4	1	2	2									
				1	4	1	2	2		227.0 - 230.0	30	<0.1	37.0	24.0	80.0	8.0	
				1	4	1	2	2									
				2	4	1	2	2		230.0 - 233.0	20	<0.1	67.0	51.0	109.0	8.0	
				1	4	1	2	2									
		237.5	<p>226.0-237.5m: greenish dark gray colored, strongly silicified porphyry, with network of quartz + pyrite, epidote?</p> <p>rock texture is not clear because of the strong silicification, chloritization &amp; epidotization, plagioclase phenocrysts change to pale green colored minerals (epidote?), groundmass is replaced by quartz &amp; chlorite, pink colored anhedral minerals locally occur in the groundmass (K-feldspar?)</p> <p>232m: quartz + pyrite vein, <math>\angle</math> 60-70deg., w=1cm</p> <p>235m: quartz + pyrite vein, <math>\angle</math> 45deg., w=1cm</p> <p>236.5m: quartz vein, <math>\angle</math> 85deg., w=0.5-1.5cm</p>	1	4	1	2	2									
				1	4	1	2	2		233.0 - 237.0	50	<0.1	34.0	36.0	73.0	15.0	
				1	4	1	2	2									
				1	4	2	2	2		237.0 - 240.0	30	<0.1	76.0	17.0	55.0	2.0	
				1	4	2	2	2									
				1	4	2	2	2		240.0 - 243.0	40	<0.1	84.0	19.0	68.0	<2.0	
				1	4	2	2	2									
				1	4	2	2	2		243.0 - 246.0	30	<0.1	59.0	18.0	62.0	<2.0	
				1	4	2	3	2		246.0 - 248.0	20	<0.1	101.0	21.0	57.0	<2.0	
				1	3	3	3	2		248.0 - 250.0	30	<0.1	82.0	36.0	62.0	<2.0	
		250.0	<p>237.5-250.0m: light gray to greenish light gray colored, strongly silicified rock, chloritized &amp; weakly epidotized, rock texture is completely destroyed by strong alteration</p> <p>with quartz stringers &amp; quartz + pyrite stringers (<math>\angle</math> 40-75deg., intervals of 2-3cm)</p> <p>with quartz + pyrite veinlets (<math>\angle</math> 70-90deg.) rarely occur</p> <p>247-250m: clay veins (w=2-10mm) rarely occur</p> <p>240m, 245m: quartz + pyrite vein (<math>\angle</math> 50-55deg., w=15mm)</p>	1	2	3	3	2									
		260															
		270															

## Appendix 18 Log of the Drill Hole "MJTA -9" (1/5)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica.	Argilliza.	Chloritiza.	Epidoliza.	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
			0.0-8.6m: surface soil, reddish brown colored, it contains pebbles (Φ 2-4cm) of weathered granite	-	-	-	-	-								
				-	-	-	-	-		0.0 - 3.0	70	2.8	77.0	22.0	53.0	8.0
			8.6-11.2m: boulders of silicified & argillized granite, matrix is composed chiefly of pebbly sand	-	-	-	-	-		3.0 - 6.0	20	4.2	119.0	17.0	51.0	<2.0
		8.6		-	-	-	-	-								
		11.2	11.2-17.4m: dense network of quartz + hematite, in the white argillized rock, with hematite dissemination original rock may be fine grained, original rock texture is completely destroyed by strong alteration oxide zone	-	-	-	-	-		6.0 - 9.0	30	3.0	66.0	14.0	41.0	<2.0
10				-	-	-	-	-								
			17.4-20.8m: hematite dense network & hematite dissemination in strongly silicified rock, original rock texture can not be distinguished oxide zone	-	2	2	0	0		9.0 - 12.0	30	1.0	34.0	15.0	27.0	<2.0
				-	2	2	0	0								
			20.8-21.6m: hematite concentration zone, oxide zone	-	3	2	0	0		12.0 - 15.0	<10	1.0	21.0	18.0	29.0	<2.0
				-	3	2	0	0								
		17.4		-	3	2	0	0		15.0 - 18.0	10	0.6	16.0	21.0	35.0	<2.0
			21.6-25.4m: network of hematite + quartz & dissemination of hematite in strongly silicified rock, original rock texture can not be distinguished, medium grained granite ?? oxide zone	-	4	1	0	0		18.0 - 21.0	<10	0.6	16.0	16.0	28.0	<2.0
20				-	4	1	0	0								
		20.8		-	4	1	0	0								
		21.6		-	3	0	0	0		21.0 - 24.0	10	1.0	19.0	15.0	30.0	13.0
			25.4-28.0m: network & dissemination of hematite in silicified & argillized rock, hematite concentration bands (width: 10-30cm) occur frequently, original rock texture can not be distinguished oxide zone	-	4	1	0	0		24.0 - 27.0	20	1.0	23.0	13.0	27.0	<2.0
		25.4		-	4	1	0	0								
		28.0		-	3	3	0	0		27.0 - 30.0	20	1.0	23.0	22.0	38.0	20.0
30			28.0-30.0m: strongly silicified massive rock, with hematite veinlets, with quartz veinlets, & with hematite dissemination, original rock texture is completely destroyed by strong alteration, light gray colored oxide zone	-	3	3	0	0								
		30.0		-	4	1	0	0		30.0 - 33.0	10	1.0	16.0	15.0	26.0	30.0
		32.7		-	4	1	0	0								
		36.5	30.0-32.7m: strongly silicified & argillized rock, with a lot of hematite veinlets, with hematite dissemination, original rock texture is completely destroyed by strong alteration, fine grained granite ?? oxide zone	-	4	1	0	0		33.0 - 36.0	20	1.2	27.0	30.0	26.0	20.0
				-	4	1	0	0								
			32.7-36.5m: transition zone between sulfide zone & oxide zone hematite + quartz network, & pyrite + hematite dissemination	0	4	1	0	0								
			32.7-33.6m: strongly silicified granite	1	4	1	0	0		36.0 - 39.0	30	0.8	21.0	16.0	27.0	13.0
			33.6-36.5m: strongly silicified porphyry	0	4	1	0	0								
			36.5-48.1m: sulfide zone start from 36.5m	2	4	1	0	0		39.0 - 42.0	10	1.0	13.0	27.0	27.0	16.0
			36.5-38.5m: strongly silicified fine grained rock, with a lot of quartz veinlets (∠ 40-50deg., width: 2-4mm), with pyrite + (chalcopyrite?) dissemination, light gray colored	3	4	1	0	0		42.0 - 45.0	20	1.2	19.0	16.0	26.0	8.0
			38.5-41.0m: strongly silicified porphyry, weak dissemination of pyrite, light gray colored	4	4	1	0	0		43.0 - 44.0	20	1.4	17.0	15.0	27.0	<2.0
			41.0-43.1m: strongly silicified porphyry with a lot of quartz veinlets & pyrite stringers, with strong dissemination of pyrite + (chalcopyrite ?), total amount of sulfide is 3-4% or more	3	4	1	0	0		44.0 - 45.0	30	1.2	28.0	16.0	26.0	<2.0
		48.1		4	4	1	0	0		45.0 - 46.0	10	1.8	27.0	35.0	42.0	16.0
				4	4	1	0	0		46.0 - 47.0	40	1.2	29.0	22.0	34.0	20.0
				3	4	1	0	0		47.0 - 48.0	10	2.6	29.0	19.0	27.0	10.0
50				3	3	2	0	0								
		50.8	48.1-50.8m: fractured zone, pebbly core silicified & argillized rock, with strong dissemination of pyrite, with a lot of pyrite stringers, sulfide grain is very small, original rock texture can not be distinguished	4	3	2	0	0		48.0 - 51.0	20	3.4	54.0	19.0	28.0	8.0
				2	0	5	0	0								
		54.0		3	0	5	0	0		51.0 - 54.0	20	0.8	26.0	18.0	31.0	2.0
			50.8-54.0m: white clay, with network & dissemination of pyrite, total amount of pyrite is about 3%	3	0	5	0	0								
		55.6		3	3	3	0	0		54.0 - 57.0	40	1.2	46.0	16.0	27.0	7.0
			54.0-55.6m: silicified & argillized white rock, with strong dissemination of pyrite + (chalcopyrite ?), including small grains of black mineral (magnetite ?), original rock texture can not be distinguished, porphyry ??	2	0	4	0	0								
				2	0	4	0	0		57.0 - 60.0	40	0.8	42.0	20.0	30.0	8.0
60			55.6-61.7m: white clay, with sparse network & weak dissemination of pyrite, strongly argillized porphyry ??	2	0	4	0	0								
		61.7		1	0	5	0	0		60.0 - 63.0	30	1.4	60.0	19.0	35.0	<2.0
			61.7-74.7m: white clay, fine grained, massive, this zone is subjected to strong argillization which caused them to turn white, original rock may be porphyry pyrite dissemination & pyrite stringers occur, total amount of pyrite is 1-3%, disseminated black minerals (that is very fine grained) locally occur, magnetite ??	1	0	5	0	0		63.0 - 66.0	30	1.6	67.0	21.0	41.0	8.0
				2	0	5	0	0								
				2	0	5	0	0		66.0 - 69.0	60	1.4	148.0	23.0	35.0	13.0
				1	0	5	0	0								
				1	0	5	0	0								

## Appendix 18 Log of the Drill Hole "MJTA-9" (2/5)

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)
		74.7	74.7-77.0m: strongly argillized rock with pyrite network & pyrite dissemination, traces of chalcopyrite occur, hematite veinlets (width: 0.5 - 1.0cm) occur with pyrite stringers	2	0	5	0	0	9-74.0 PX	69.0 - 72.0	40	1.4	264.0	19.0	52.0	13.0
				3	0	5	0	0		72.0 - 75.0	30	1.6	163.0	20.0	61.0	<2.0
				1	0	5	0	0		75.0 - 78.0	30	0.8	57.0	22.0	30.0	7.0
				1	0	5	0	0		78.0 - 81.0	50	1.2	157.0	26.0	27.0	6.0
		81.7	77.0-81.7m: silicified & argillized porphyry, with pyrite network & pyrite dissemination 79.0-80.0m: pyrite + quartz veinlets, width: 5 - 8mm, $\angle 90^\circ$ deg., 81.7-95.0m: silicified & argillized rock with a lot of pyrite stringers & quartz veinlets, original rock texture can not be distinguished, fine to medium grained granite, ?? strong dissemination of fine grained pyrite, rarely traces of disseminated chalcopyrite locally occur 81.7-88.0m: very small grains of black colored mineral are found	3	1	4	0	0	9-87.5 X	84.0 - 87.0	10	1.4	43.0	32.0	52.0	48.0
				2	1	4	0	0		87.0 - 90.0	20	0.4	80.0	29.0	28.0	24.0
				2	2	3	0	0		90.0 - 93.0	20	0.6	50.0	39.0	29.0	<2.0
				3	2	3	0	0		93.0 - 95.0	10	1.2	22.0	37.0	27.0	<2.0
				3	3	2	0	0		95.0 - 96.0	20	1.4	31.0	41.0	29.0	<2.0
				3	3	2	0	0		96.0 - 99.0	20	1.2	41.0	24.0	29.0	<2.0
				3	3	3	0	0		99.0 - 102.0	30	1.4	45.0	29.0	48.0	<2.0
				3	4	2	0	0		102.0 - 105.0	40	0.4	52.0	30.0	33.0	<2.0
				3	3	2	0	0		105.0 - 108.0	30	2.6	52.0	32.0	29.0	14.0
				4	4	1	0	0		108.0 - 111.0	30	2.2	39.0	72.0	37.0	<2.0
				2	3	3	0	1		111.0 - 114.0	30	1.4	38.0	21.0	32.0	<2.0
				3	2	3	0	1		114.0 - 117.0	40	1.6	17.0	25.0	37.0	<2.0
		100.0	100.0-105.6m: greenish light gray colored granitoid, plagioclase is altered to epidote?, mafic minerals change to chlorite & magnetite?, with strong dissemination of pyrite + (chalcopyrite), with a lot of quartz + pyrite stringers, with a lot of pyrite stringers	3	5	0	0	0	9-109.3 PT	117.0 - 120.0	40	2.8	56.0	112.0	54.0	<2.0
				3	3	3	0	1		120.0 - 123.0	50	2.2	217.0	17.0	50.0	<2.0
				3	3	3	0	1		123.0 - 126.0	30	1.0	56.0	20.0	78.0	<2.0
				2	3	2	0	1		126.0 - 129.0	30	2.0	26.0	12.0	140.0	<2.0
				4	5	0	0	0		129.0 - 132.0	30	1.8	23.0	9.0	143.0	<2.0
				2	0	1	3	0		132.0 - 135.0	40	1.8	132.0	11.0	116.0	<2.0
				1	0	1	3	0		135.0 - 138.0	40	2.2	49.0	21.0	36.0	<2.0
				2	5	0	3	2								
				4	5	0	1	1								
				4	5	0	1	1								
				2	2	0	2	2								
				3	0	1	2	0								
				3	0	1	2	0								

## Appendix 18 Log of the Drill Hole "MJTA-9" (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)	
			mafic minerals change to chlorite + (magnetite ?), feldspar changes to epidote with dissemination & network of pyrite, with minor veinlets of quartz	3	1	2	1			138.0 - 141.0	40	1.0	29.0	7.0	84.0	<2.0	
				3	3	2	2	1									
				3	3	0	1	1									
				3	3	0	2	2		141.0 - 144.0	30	1.0	109.0	9.0	52.0	<2.0	
			138.6-140.7m: porphyritic dacite dyke, plagioclase (Φ 4-5mm) >> quartz phenocrysts give this rock porphyritic appearance	3	3	0	2	2									
			chloritization with pyrite dissemination	1	1	0	2	2		144.0 - 147.0	30	1.0	13.0	8.0	45.0	<2.0	
				1	1	0	3	2									
			140.7-152.2m: greenish dark gray colored granitoid, with silicification, chloritization and epidotization, original rock texture is not clear by strong alteration	0	1	0	3	2									
			pyrite dissemination, a lot of pyrite stringers, a lot of quartz + pyrite stringers, & a lot of chlorite stringers	2	0	1	3	2		147.0 - 150.0	30	1.8	19.0	6.0	52.0	<2.0	
				2	1	2	3	3									
				1	1	2	3	3		150.0 - 152.0	30	1.6	13.0	5.0	51.0	<2.0	
				3	4	0	2	0									
			152.2-154.3m: strongly silicified rock with strong dissemination of pyrite, with a lot of pyrite veinlets (∠ 40-70deg., width: 2-3mm)	3	4	0	2	0		152.0 - 154.0	30	1.4	24.0	13.0	49.0	<2.0	
				2	2	0	3	2									
				2	2	0	3	2									
			154.3-157.9m: medium grained granite, greenish gray colored, with silicification, chloritization, & epidotization, with pyrite dissemination	2	2	0	3	2		154.0 - 157.0	30	2.0	41.0	9.0	52.0	<2.0	
			a lot of chlorite stringers, quartz stringers, and pyrite stringers are found	3	5	0	1	0									
				2	5	0	0	0		9-161.0	157.0 - 160.0	40	2.6	28.0	11.0	44.0	<2.0
				3	5	0	0	0		PI	160.0 - 161.0	40	2.8	28.0	24.0	25.0	17.0
				3	5	0	0	0			161.0 - 162.0	30	2.8	19.0	15.0	27.0	<2.0
			157.9-169.0m: gray to dark gray colored, strongly silicified fine grained rock, original rock texture is completely destroyed by strong silicification	4	5	0	1	0			162.0 - 163.0	30	4.0	18.0	50.0	28.0	<2.0
			strong dissemination of fine grained pyrite, with a lot of pyrite stringers (∠ 60-90deg.)	2	5	0	0	0			163.0 - 164.0	60	3.2	37.0	73.0	32.0	<2.0
			158.0-158.5m: quartz veinlets, ∠ 30deg., width: 1-2cm	4	5	0	2	1		9-163.0	164.0 - 165.0	40	2.0	37.0	14.0	46.0	15.0
			158.7-159.0m & 168.0-168.5m: brecciated zone (breccia: Φ 2-3cm)	2	5	0	2	1									
			164.2m: pyrite stringers and pyrite + quartz pools	3	5	0	1	0									
			167.2m: pyrite vein, width: 1cm, ∠ 70deg.	3	5	0	0	0			165.0 - 168.0	30	3.6	37.0	22.0	27.0	<2.0
				4	2	0	3	0									
			169.0-170.4m: porphyritic dacite, weakly silicified, strongly chloritized	2	3	0	3	3		9-170.0	170.0 - 171.0	40	2.8	29.0	21.0	40.0	16.0
			pyrite dissemination & a lot of pyrite stringers, with traces of quartz + pyrite veinlets, ∠ 30deg.	3	2	0	3	3									
				2	2	0	3	3									
				3	2	0	3	3			171.0 - 174.0	20	3.8	91.0	7.0	50.0	<2.0
			170.4-180.0m: medium grained granite, green colored K-feldspar & plagioclase are altered to epidote & quartz, all mafic minerals are altered to chlorite	3	3	0	3	3									
			pyrite dissemination & pyrite veinlets (∠ 60-80deg. Interval of 5-6cm), with quartz + pyrite veinlets (∠ 70deg.), with a lot of chlorite stringers (∠ 60-80deg.)	2	1	1	2	2			174.0 - 177.0	20	1.8	22.0	15.0	44.0	<2.0
			amount of sulfide: 2-3% (170.4-175.0m), 1-2% (175.0-180.0m)	2	1	0	2	2									
				2	1	0	2	2			177.0 - 180.0	20	2.6	15.0	9.0	54.0	<2.0
				1	1	0	2	2									
			180.0-181.5m: silicified granitoid, with pyrite dissemination, with pyrite network, with quartz + pyrite network, with chlorite network	3	3	0	2	1			180.0 - 181.5	53	3.0	24.0	15.0	37.0	<2.0
			chlorite network is cut by pyrite network & by quartz + pyrite network	2	0	0	3	0			181.5 - 182.5	43	2.8	244.0	14.0	75.0	<2.0
			180.0m: quartz vein, width: 1cm, ∠ 45deg.	3	3	0	3	0									
				3	3	0	3	0		9-185.5	182.5 - 185.0	43	3.6	44.0	17.0	36.0	21.0
				4	5	0	2	0			185.0 - 186.5	117	11.4	61.0	20.0	37.0	46.0
			181.5-182.5m: porphyritic dacite dyke, with chloritization, with pyrite veinlets (width: 5mm, ∠ 15deg.), with pyrite dissemination	3	5	0	2	0									
				3	5	0	2	1		9-187.0							
				4	4	0	3	2		I	186.5 - 190.0	77	5.2	105.0	17.0	54.0	41.0
			182.5-185.0m: strongly silicified & chloritized rock, with pyrite dissemination, with a lot of pyrite stringers, chlorite stringers, & quartz veinlets, total amount of pyrite is about 3%.	3	3	0	2	1									
			183.2-183.7m: brecciated zone	3	3	0	2	1		9-190.0	190.0 - 193.0	20	3.8	15.0	17.0	38.0	8.0
				3	3	0	2	1									
			185.0-186.5m: strongly silicified breccia, Φ 2-10cm, matrix is strongly disseminated by pyrite, dark green to dark gray colored	3	3	0	2	1		9-195.0	193.0 - 196.0	40	1.8	156.0	16.0	47.0	13.0
				3	3	0	2	1									
			186.5-190.0m: strongly silicified granitoid, with a lot of quartz + pyrite veinlets & chlorite + pyrite veinlets	3	3	0	2	1			196.0 - 199.0	20	1.8	36.0	15.0	43.0	<2.0
			silicification after chloritization (& chlorite veinlets) quartz + pyrite network, pyrite network & pyrite dissemination after chloritization (& chlorite veinlets)	3	4	0	0	0									
				3	5	0	0	0			199.0 - 201.0	37	3.6	19.0	21.0	32.0	5.0
				5	5	0	0	0									
			190.0-198.5m: silicified granite with quartz + pyrite network and with pyrite dissemination, pale green colored	3	4	0	2	1			201.0 - 204.0	37	4.0	25.0	17.0	44.0	27.0
			198.5-201.3m: strongly silicified rock, dark gray colored	2	2	1	2	1									
			dense network of pyrite, dense network of quartz + pyrite	3	1	1	2	1									
			strong dissemination of pyrite	2	1	1	2	1		9-206.0	204.0 - 207.0	33	0.4	28.0	16.0	43.0	10.0
				3	2	1	2	1									
				3	2	1	2	1									
			201.3-211.8m: weakly silicified, chloritized (mafic minerals) and epidotized (feldspar) granite, without pink feldspar	3	1	1	2	1		9-209.0							
				4	3	1	2	1		P	207.0 - 210.0	37	0.2	12.0	12.0	32.0	20.0
				3	2	1	2	1									

## Appendix 18 Log of the Drill Hole "MJTA-9" (4/5)

Scale (m)	Column	Depth (m)	Description	Sulfation	Silicification	Argillization	Chloritization	Epidotization	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
		211.8	pale green colored with a lot of quartz veinlets, quartz + pyrite veinlets (2-3cm intervals), quartz network, pyrite + chalcocopyrite dissemination & pyrite stringers. $\angle 60-70\text{deg}$ .	3	2	1	2	1	9-212.5 P	210.0 - 211.8	37	2.4	16.0	21.0	37.0	692.0
		213.5	a lot of small scale silicified zones (width: 2-3cm) along quartz or quartz + pyrite veinlets. $\angle 45-70\text{deg}$ .	5	5	0	0	0		211.8 - 213.5	3883	13.5	37.0	80.0	36.0	22.0
		211.8-213.5m	strongly silicified rock, gray colored with strong dissemination of pyrite, with a lot of pyrite stringers	4	1	2	2	0	9-224.0 TX	213.5 - 217.0	37	1.6	21.0	50.0	44.0	913.0
		213.5-221.8m	altered granite, all mafic minerals change to chlorite, feldspars change to white clay, weakly silicified, without pink feldspar	4	3	2	2	0		217.0 - 221.0	40	1.8	75.0	70.0	46.0	275.0
		221.8	strong dissemination of pyrite (3-4%), with a lot of pyrite stringers	4	3	2	2	0	9-224.0 TX	220.0 - 223.0	33	1.6	45.0	54.0	45.0	865.0
		222.8	a lot of small scale silicified zones (width: 2-3cm) along quartz veinlets	3	3	1	1	0		223.0 - 226.0	37	0.8	52.0	41.0	49.0	298.0
		217.0-220.0m	light gray to white a lot of quartz veinlets ( $\angle 35-75\text{deg}$ , 3-10cm intervals), & quartz network	3	3	1	0	0	9-224.0 TX	226.0 - 229.0	30	0.8	68.0	29.0	54.0	715.0
		221.8-222.8m	dark gray colored strongly silicified rock, with pyrite dissemination, with a lot of stringers of pyrite & quartz + pyrite	3	3	1	0	0		229.0 - 232.0	43	0.4	33.0	19.0	60.0	153.0
		222.8-229.0m	altered granite, weakly silicified, all mafic minerals change to quartz + pyrite + magnetite?, feldspars change to white clay	4	4	0	1	1	9-250.0 TX	232.0 - 234.2	80	<0.1	36.0	17.0	45.0	510.0
		234.2	light gray to white a lot of quartz + pyrite veinlets (width: 5-10mm, $\angle 70-80\text{deg}$ )	4	5	0	0	0		234.2 - 235.8	50	<0.1	87.0	28.0	36.0	288.0
		235.8	strong dissemination of pyrite	4	5	0	0	0	9-250.0 TX	235.8 - 239.0	30	<0.1	39.0	18.0	62.0	510.0
		229.0-234.2m	strongly silicified granite, with a lot of veinlets of quartz + pyrite (width 3-10mm, $\angle 45-75\text{deg}$ ), & with quartz + pyrite network with strong dissemination of pyrite	3	4	0	1	1		239.0 - 242.0	23	0.2	44.0	19.0	55.0	106.0
		241.5	strongly silicified rock, original rock texture is completely destroyed by the strong silicification	3	3	0	1	1	9-250.0 TX	242.0 - 245.0	27	0.4	73.0	21.0	52.0	155.0
		242.7	strong dissemination of pyrite, with a lot of stringers ( $\angle 65\text{deg}$ ) of pyrite	3	3	0	1	1		245.0 - 248.0	23	0.8	51.0	18.0	67.0	511.0
		235.8-241.5m	silicified granite, sometimes rock texture is clear a lot of quartz + pyrite veins (width: 10-25mm, $\angle 60\pm$ ) & veinlets (width 5-8mm, $\angle 60\pm$ ) at intervals of 5-10cm with traces of calcite veinlets	2	5	0	0	0	9-250.0 TX	248.0 - 251.0	33	0.2	28.0	21.0	52.0	11.0
		241.5-242.7m	strongly silicified rock, with dense network of pyrite + quartz, with a lot of quartz + pyrite veinlets, with pyrite dissemination, & with pyrite stringers	3	5	0	0	1		251.0 - 254.0	37	0.6	50.0	45.0	39.0	61.0
		253.9	silicified granite, pale greenish gray with a lot of quartz + pyrite veinlets (width: 5mm, $\angle 60\pm$ ) at intervals of 3-8cm, with pyrite dissemination & with pyrite + quartz network with traces of calcite veinlets. $\angle 20-60\text{deg}$	2	3	0	2	2	9-273.0 T	254.0 - 257.0	27	0.2	84.0	31.0	123.0	44.0
		248.0-253.9m	strongly silicified rock, fine grained, original rock texture is completely destroyed by silicification, light gray strong dissemination of pyrite, with a lot of pyrite stringers	2	4	0	1	1		257.0 - 259.0	40	0.2	81.0	63.0	94.0	52.0
		261.5	partly dark gray colored rock, epidotized rock?	0	0	1	1	0	9-273.0 T	259.0 - 261.5	27	0.2	38.0	25.0	152.0	24.0
		253.9-259.0m	silicified granite with quartz veinlets & quartz + pyrite veinlets (width: 5mm $\pm$ , $\angle 60-70\text{deg}$ ) at intervals of 5-10cm	2	1	0	2	2		261.5 - 265.0	33	0.8	134.0	28.0	69.0	49.0
		264.3	light gray	0	0	0	2	1	9-273.0 T	265.0 - 268.0	20	<0.1	56.0	16.0	68.0	33.0
		259.0-261.5m	dark green colored, chloritized andesite dyke, $\angle 30-35\text{deg}$ , including small grains ( $\Phi 1\text{mm}$ ) of plagioclase phenocryst	0	0	0	2	1		268.0 - 271.0	30	<0.1	99.0	22.0	79.0	32.0
		272.6	small amount of quartz phenocrysts ( $\Phi 2\text{mm}$ ) are found ??, dacite ??	0	0	0	2	1	9-277.0 P	271.0 - 274.0	23	0.2	37.0	19.0	85.0	38.0
		274.0	pale green colored, weakly silicified, chloritized (mafic minerals) and epidotized (feldspar) granite, without pink feldspar	1	5	0	1	2		274.0 - 277.0	40	0.2	157.0	17.0	59.0	31.0
		276.3	with pyrite dissemination (1-2%)	2	5	0	1	1	9-277.0 P	277.0 - 280.0	17	2.6	64.0	19.0	76.0	37.0
		278.2	with quartz stringers	2	3	0	2	2								



## Appendix 18 Log of the Drill Hole "MJTA-9" (5/5)

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)
		283.7	264.3-265.0m: strongly silicified rock with quartz + pyrite veinlets, with pyrite dissemination, dark greenish gray to dark gray colored	0	3	0	2	1		264.0 - 264.5	17	0.8	76.0	27.0	117.0	44.0
				0	1	0	0	0		264.5 - 265.0	17	<0.1	83.0	18.0	71.0	<2.0
				2	4	0	0	0	9-281.7 P	265.0 - 265.7	23	<0.1	137.0	18.0	44.0	<2.0
		288.0	265.0-272.6m, 274.0-275.5m: chloritized & epidotized granite, rock texture is clear, K-feldspar is clearly observed, green colored traces of quartz veinlets & chlorite veinlets are found at intervals of 1-2m	1	2	0	1	1		265.7 - 266.0	207	13.0	313.0	368.0	60.0	14.0
				0	2	0	2	1								
				1	3	0	3	1								
				0	3	0	2	1		266.0 - 266.0	40	2.4	246.0	27.0	73.0	<2.0
290			272.6-274.0m, 275.5-276.3m: dark green colored strongly silicified rock, all mafic minerals change to sericite + quartz													
			276.3-278.2m: dark green colored silicified rock, with pyrite dissemination, mafic minerals change to chlorite, with quartz veinlets (width: 3-5mm, $\angle 70\text{deg.} \pm$ ), some quartz veins contain red colored mineral													
			278.2-280.2m: chloritized granite with pink feldspar, rock texture is clear, pale green colored,													
			280.2-283.7m: dark green colored strongly silicified rock, with a lot of quartz veinlets ( $\angle 20-65\text{deg.}$ ), except the interval of 281.5 - 282.7m													
			281.5-282.7m: light gray colored strongly silicified rock													
			281.5m: milky quartz vein with molybdenite + chalcopryite, width: 12cm, $\angle 40\text{deg.}$													
			283.7-288.0m: weakly silicified granite, green colored with a lot of quartz veins (width: 7-12mm, $\angle 70\text{deg.} \pm$ , with molybdenite??) at intervals of 10-20cm													