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

				_	Ī	1.		1			A	ssay	result	s	
Scale (m)	Column	Depth (m)	Description	Sulfidation		Argilliza Chloritiza	Epidoliza.	Examined Sample	Assay Interval	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ma (ppm)
-	Λ /]	0.0-6.2m; yellowish brown, surface soil		T -	- -	-	-							
-	\mathbb{N}		6.2-7.7m: boulders of diorite porphyry, dark gray colored, ø 5-10cm, strongly weathered		+	- - - -	-								
-	$ \wedge $	6.2	7.7-17.8m: brownish dark gray, weathered diorite porphyry, containing plagioclase phenocrysts (1.2mm)		1	- -	-								
-		7.7	groundmass = plagioclase >> biotite > minor quartz biotite is replaced by chlorite		1	- -	-	-							
-	(fractures are filled with Fe-oxide minerals, with weak dissemination of Fe-oxides traces of disseminated pyrite are found	- 0	Ì	1 (0	0	_	6.2 - 9.0	70	0.4	53.0	17.3	45.0	10.0
10 -			17.8-32.0m: dark gray, diorite porphyry, with a lot of plagioclase phenocrysts	1 0	() 1	0	₫ .	9,0 - 11,0	30	0.2	53.5	8.4	36.0	6.0
-	X		phenocrysts: grounmass = 7 : 3 to 6 : 4 most of mafic minerals of groundmass are replaced by) 1	0	_	11.0 - 13.0	30	0.2	45.5	7.5	31.0	8.0
_			chlorite, minor epidote (veinlets & patches) are found with weak dissemination of pyrite, with minor	1 0	-) 1	0		13.0 - 15.0	20	0.5	132.5	9.1	31.0	11.0
-	* * * * * * * * * * * * * * * * * * *		veinlets of pyrite, total amount of pyrite = 1.2% 32.0-33.9m: weakly chloritized diorite porphyry, with	1 0	-	1 1	0	1		70					
-		17.8	pyrite dissemination, with pyrite veinlets, 20cm interval with epidote veinlets, with mionor veinlets of pink	1 0	10	1	0	1	15.0 - 17.0		0.3		9.0		
20 -			feldspar 33.9-44.4m: dark gray, diorite porphyry, containing	1 0	C	2	1		(7.0 - 19.0	100	0.2	157.0	6.9	26.5	28.0
			plagioclase phenocrysts (2-3mm, 60%) groundmass is weakly silicified, weakly chloritized. &	-	<u> </u>	1 2	1	1	19.0 - 21.0	140	0.1	39.5	4.6	25.5	3.0
	(weakly epidotized with pyrite dissemination, total amounts of pyrite = 1-3%	-	•	2			21.0 - 23.0	60	<0.10	16.0	8.2	33.5	16.0
-	X		36.7m: quartz vein. ∠40deg., w=4cm 38.2m: pyrite + chalcopyrite stringer. ∠75deg		•	2	1	1	23.0 - 25.0	30	0.1	9.5	10.8	44.0	9.0
_			w=1mm 38.7m, 39.0m: quartz + pyrite + chlorite vein. ∠40- 55deg., w=0.5-3cm	1 0	0	\rightarrow	1	-	25.0 - 27.n	30	0.2	21.0	10.7	44.0	3.0
	××× ××× ×××		39 0-44.4m; quartz + pyrite veinlets, pyrite veinlets, pink calcite veinlets, epidote veinlets, ∠60-65deg, 10cm	1 0	0	2	1		27.0 - 29.0	30	0.2	22.5	12.8	51.5	7.0
30 -			to 20cm interval 44.4-45.6m: strongly silicified rock, with weak	2 0	0	2	1	3-32.5	29.0 - 31.0	40	0.2	86.0	7.1	39.0	11.0
]		32.0	cloritization, with weak epidotization total amounts of disseminated pyrite = 1%			3	1	PTX	31.0 - 33.0	30	0.6	60.0	8.6	36.5	26.0
-	××× ××× 。。	33.9	45.6-46.1m weakly silicified & chloritized rock with pyrite network, with epidote veinlets (\angle 40deg	-	-	12] [33.0 - 35.0	30	<0.10	43.5	8.5		4.0
1 1	**** a a a		w=1-2mm), total amount of disseminated pyrite is less than 1%	1 2	1	12	1			- 5			0.0	33.3	
1 -	×××		46.1-50.0m: pink colored, mideum grained granite, K-feldspar (4mm) > plagioclase (3mm), quratz (3mm) >>	1 2	1	3	0] !	35.0 - 38.0	20	0.2	20.0	8.2	33.0	3.0
40	×××	j	hornblende (1mm), biotite (2-3mm) no alteration	3 2	1	2	0	3-41, 4					į.		
4	××× 。。 ××× 。。		with weak dissemination of pyrite, total amount of disseminated pyrite = less than 1%				1	PT	38.0 - 41.0	40	0.2	178.5	7.9	34.0	23.0
	*** ***	44.4	50.0-55.1m: pink colored, mideum grained granite. K-feldspar (4mm) > plagioclase (3mm), quratz (3mm) >> biotite (2-3mm), hornblende (3-4mm)	-	-		11	1	41.0 - 44.0	50	0.2	120.0	7.4	35.5	20.0
-	++++	45.6	weakly silicified & chloritized with weak dissemination of pyrite, total amount of	1 1	-		1] [
	+ + + + + + + + + + + + + + + + + + + +		disseminated pyrite = 0.5-2.0% 52.4m, 52.9m, 55.2-55.8m; chlorite veins, w=2cm-	1 0	1		0]	44.0 - 47.0	30	<0.10	70.0	7.2	38.0	7.0
-	+++ ++ ++	50.0	fcm, ∠ 40-60deg 53.1m, 54.4m; pyrite + quartz veins, w=3cm-4cm, ∠ 45-55deg.	1 0	0	0	0					.0.			
50 -	+++	50.0	$52.0^{\circ}.55.1m$; pyrite stringers, w=5mm, \angle 60-70deg., 3-10cm interval	1 0	0	1	0		47.0 - 50.0	30	0.2	186.0	7.1	12.5	10.0
	+++		55.1-57.0m; pink colored, mideum grained granite weakly epidotized & chloritized	1 0	0	 -	0		50.0 - 53.0	60	0.5	210.0	8.1	11.0	19.0
-	+ + + 0 0	55.1	with weak dissemination of pyrite, total amount of disseminated pyrite = less than 1% 55.2-55.8m; chlorite veins, w=2cm-7cm, ∠40deg.	-	-	++	0		53.0 - 54.0 54.0 - 55.0	60 30	0.3	180.0 107.5	7.7	10.0 8.5	48.0 44.0
-	+ + + + + + +	57.0	55.2-55.8m: quartz + pyrite veinlets, 5-3cm interval 56.4-57.0m: quartz stringers, w=3cm-4cm. ∠45		<u> </u>		1		55.0 - 56.0	40	0.2	95.5	6.9	9.0	9.0
1 7	÷+++++++++++++++++++++++++++++++++++++	58.0	55deg. 57.0-58.0m: pink colored, mideum grained granite	1 0	0	1	1				0.5				
60 -	+ + + + + +		no alteration with weak dissemination of pyrite, total amount of	1 0	0	1	1		56.0 - 59.0	40	0.3	111.5	5.2	8.5	10.0
	+ + + + +		disseminated pyrite = less than 1% with pyrite stringers, 30cm interval, ∠40-70deg.	00	0	2	1		59.0 - 62.0	70	0.2	150.0	8.8	18.5	10.0
-	7+† ++ ++		58.0-68.0m: pink colored, hornblende - biotite granite, medium grained, some plagioclase are replaced by	0 0			1	[-	
-	+++++++++++++++++++++++++++++++++++++++		epidote, some matic minerals are replaced by chlorite total amount of disseminated pyrite = 0.5-1%	1 0	0	<u> </u>	0]	62.0 - 65.0	60	0.9	61.5	26.1	9.0	3.0
] -	+++	68.0	pyrite stringers, 5-30cm interval, ∠60-80deg, chlorite + (pyrite) veinlets, 10-50cm interval, ∠40- S0deg.	1 0	0		0			30		417.0		13.0	
-	+++ +++ +++	33.0	59.85m, 60.45m, 61.85m, 66.0m, 67.2-68.5m; quartz + pyrite veins, 45-75deg, w=0.5-3.5cm	0 0	0	2	1		65.0 - 64.0	20	0.2	413.0	8.6	13.0	3.0
L	+ + 	<u>l</u>		0 0	0	111	0	L !	1						

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

## 170 Charles Charles represent modules Charles represent Charles		T T		1 1	-		_								
To To To To To To To To				5		ايرا	انہا			L	A	ssay	result	s	
To To To To To To To To	I	1 ' 1	Description	i i i		ilizi	ji ji	Examined	Assav	Au	Aa	Cu	Pb	7n	Mo
To To To To To To To To	(m)	(m)			1	취훈	ğ				(ppm)				
86.0-72.0m. hornbrokes - bottle groupe. medium anticin intereal are explaced by Chechen. 90.0 m. marker interes are explaced by Chechen. 91.0 m. marker interes are explaced by Chechen. 91.0 m. marker interes. 91.0 m. marke		+		1 11 11	-		_								
13.9 1.0 1.0 1.1 1.0	_[+[+]			0 0	0	2	1		66.0 - 71.0	120	0.1	30.0	7.4	14.5	3.6
199		72.0		0 0	70	1	1								
## 123-9 Chilorise strangers 10-90cm minerval (27)-90dey Children Child			matic minerals are replaced by chlorite	1 0	ÌQ	2	1		!		ŀ	ļ	1		
73.67.39m horovibusels bestute grantite marting prained, some plageoblase are projected by epidose of the project of the proje	7++11	73.9			+-				710 710	10	0.7	140 5	0.7	170	٠,,
## 12.2. 1.2.	가:+:;; [74.8	-		+			+	7137-7437		0.1	140.5	3.7	17.0	
## 1921 1932	77+111		72.0-73.9m: hornblende - biotite granite, medium	-	-		_	-	ı						
100 1 2 2 2 2 2 2 2 2 2	+++11	1 1	grained, some plagiociase are replaced by epidote, some		-			-			١				
100 100	7+*+11	1	total amount of disseminated pyrite = 1% ±					-	74.0 - 77.0						3.0
## 13.5 1.0 2.1 1.0 2.		1 1	pyrite stringers & chlorite stringers: 20-30cm	-	$\overline{}$			4	77.0 - 78.0	40			13.2	17.3	<2.0
## 13.5 1.0 2.1 1.0 2.	- +++	79.2			-				78.0 - 79.0	850	0.2	33.0	4.1	14.0	4.0
73.9-74.8m black, fine grande andexic, senolith; with print peakes (6.05. Social, strongly chlorided with printe peakes (6.05. Social, strongly chlorided printing with printing strongly stilled printing with printing strongly stilled printing grants, with dense network of clothers, with print distance strongly stilled grants, with dense networks of clothers, with printing strongly stilled grants, with dense networks of clothers, with printing strongly stilled grants, with dense networks of clothers, with printing strongly stilled grants, with dense networks of clothers, with printing strongly stilled grants, with dense networks of clothers, with printing strongly stilled grants, with dense networks of clothers, with printing strongly stilled grants with strongly stilled grants with stro	80 +++	4	/2.9m: quartz + pyrite vein, w=1.5cm, 2.40deg.		0	3	1		79.0 - 80.0	210	<0.10	516.0	5.7	10.0	<2.0
78.72 m. weakly chilorized & spotiotized granice with quarta = "pyrite venals. 40-306g, v=1-3cm. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	_+ + \lale		73.9-74.8m; black, fine grained andesite, xenolith?	2 1	0	3	1		80.0 - 81 D	230	0.5	182.0	4.5	12.5	<2.0
100 100		:	with pyrite paches (o 0.5-2cm), strongly chloritized	0 1	0	2	1								
with quarts - pyrite verms. 4-00-50degw+1-3cm. 10 0 0 0 1 1			74.9.70 Sens wealthy ablantiand & mid-stand music.	0 3	0	2	1	1				l			
100cm interval 100c		84.2		0 0	0	2	1	1	81.0 - 84.0	430	0.2	83.0	29	13.5	-21
## 100 ## 105 ##	T+_+		100cm interval		-		1	1	01.00	1,55	- 0.2	03.0		13.5	12.
90 - 1	7+++1	1	with chlorite & pyrite stringers, ∠70deg., 20-30cm	\rightarrow	<u> </u>	-	-	1							
79.2-91.0m, 84.2-94.6m, 97.6-97.7m, strongly silicified rock, with parties in destroyed structure and change to chlorite, original rock structure is destroyed 81.0-94.2m, 84.6-m-87.5m, 87.7-97.0m, pink colored granite, radic minerals are replaced by chlorite *(syrtex), 200m to 100m interval. 97.0-103.7m pink to reddish brown colored granite, radic minerals are replaced by chlorite *(syrtex), 200m to 100m interval. 97.0-103.7m pink to reddish brown colored granite, radic minerals are replaced by chlorite *(syrtex), 200m to 100m interval. 97.0-103.7m pink to reddish brown colored granite, radic minerals are replaced by chlorite some plagnolase to the pink to 100m to 100m interval. 97.0-103.7m pink colored granite, with gript stringers & sparce network, total amounts of pyrite = 2/9 to 100m to 100m pink colored granite, radic minerals are replaced by chlorite some plagnolase to the pink to 100m pink colored granite, with gript stringers & sparce network, total amounts of pyrite = 2/9 to 100m to 100m pink colored granite, with gript stringers & sparce network total amounts of pyrite = 2/9 to 100m to 100m pink colored granite, with gript stringers. 100.5 10.5 1 10.0 c. 2 to 10.0	7.7+111		interval	}	+-	+		1							١
90 - 1 1 1 1 1 1 1 1 1 1) + <u>! ! ! ! ! </u>	87.5	79.2-81.0m, 84.2-84.6m, 87.5-87.7m; errongly cilicitied		+			-	84.0 - 87.0	140	0.1	117.3	7.4	15.0	<2.0
mafic minerals change to chlorite, original rock textures is destroyed statures in destroyed statures in destroyed statures of chlorites "(gyrite), 20km of 10 of 1 i i of 1	+++111		rock, with pyrite dissemination (1-2%), with quartz +				.	4							ĺ
mafic minerals change to chiertic, original rock 1. ** ** ** ** ** ** ** **	7 + +12 1		pyrite network		+			1							
1100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90 -+ +11	1	matic minerals change to chlorite, original rock	0 0	0	11	1	_	87.0 - 90.0	60	0.1	115.0	5.1	10.0	<2.0
100 1 1 1 1 1 1 1 1	++ ⁺ +	1 1	texture is destroyed	0 0	0	1	1								
100 1 1 1 1 1 1 1 1	_[+]+]		81.0-84.2m, 84.6m-87.5m, 87.7-97.0m; pink colored	0 0	0	11	1]							
100cm interval 97.0 103.7m 107.013.7m 108.010.7m 109.013.7m	[+++]]			0 0	0	11	1	1 :	900.910	50	0.7	97.0	5.2	16.5	e2 (
97.0-103.7m; pink to reddish brown colored granics, making minerals are replaced by chlorite: some plaguation to epidote	7+++11				-			1		- 50	<u>.</u>	,,,,	2.2		-4.0
mafic minerals are replaced by chierts, some plagnolase with deprive sentingers & sparce network, total amount of pyrite = 0.3% to 1.0% of pyrite	7.5+511		97 0-103 7m; nink to raddish brown colored granite					1					1		
to epidote with chlorite veinlets, 3-10cm interval. ∠40-60deg with chlorite veinlets, 3-10cm interval. ∠40-60deg with chlorite veinlets and prize 2.0% to 1.0 minterval. ∠40-60deg with chlorite veinlets (w=2-8mm), 3-6m interval. ∠50-60deg, total amounts of pyrite = 2% to 1.0 minterval. ∠50-60deg, total amounts of pyrite = 2% to 1.0 minterval. ∠50-60deg, total amounts of pyrite = 2% to 1.0 minterval. ∠50-60deg, total amounts of pyrite = 2% total amo		1 1	mafic minerals are replaced by chlorite, some plagioclase	\rightarrow	+			-							
100 1 10 10 10 10 10 10		050	to epidote	-	_			- 1	93.0 - 96.0	/U	0.2	66.0	4.1	19.0	28.0
100 1 10 10 10 10 10 10	-\+\+\+\+\-\-\-	37.0		h	+										
100 - 1	-[+ ⁺ +]] <u> </u>				-					1			İ		
slicified rock, with quartz + pyrite veinlets (w=2 dmm), 3 cm interval. C50-6deg total amounts of pyrite = 2% total amounts of pyrit	╌ ┤ [┿] ╻ [┿] ┼╂╌╀╌		or pyrite = 0.5% to 1.0%	-	+	+-+			96.0 - 99.0	40	0.1	39.5	3.5	17.5	<2.0
saluctived rock, with quartz + pyrite veinlets (w=2-8mm), 3 1 0 0 2 0 0 1 0 0 1 0 0 2 0 1 1 1 0 0 2 0 1 1 1 1 1 1 1 1 1	100 +++	1 1	103.7-105.4m, 106.5-106.7m, 112.4-112.7m: strongly	1 0	0	2	0]						Ì	
105.4-121.7m: fresh granite & weakly chloritized granite. 106.4 106.5 106.4 106.5 106		1 1		1 0	0	2	0						.		
103.7 105.4 - 121.7m: fresh granite & weakly chloritized granite 108.2 - 108.7m: calcite veinites, Z90deg 2 3 0 2 1 10 10 10 10 10	<u>}</u>		ocm interval, 450-65deg, total amounts of pyrite = 2%	1 0	0	2	0	1	99.0 - 102.0	10	0.1	76.5	4.6	19.0	<2.0
103. 103.	구I+III I		105.4-121.7m: fresh granite & weakly chloritized	1 0	0	111	1	1							<2.0
105.4 106.5 108.0m catacte venilets, 2.90deg, 109.0m catacte venilets, 2.90deg, 109.0m catacte venilets, 2.90deg, 109.0m catacter venilets, 2.90deg, 109.0m catacter venilets, 2.90deg, 109.0m catacter venilets, 2.00deg, 112.7m; 113.4m; pyrite stringers, 2.50m interval 113.9m; 115.0m; quartz + pyrite teninger, 2.50m interval 113.9m; 115.0m; quartz + pyrite venilets (2.2 0.0	7++	103.7	granite				1	1				_			3.0
106.5 106.	+++ • •							1							
110-110.3m; pyrite stringers, 3cm interval 112-4m; quartz veinity stringers, 2cm; antierval 113.9-115.0m; quartz + pyrite stringers, 3cm; antierval 110-110.3m; pyrite stringers, 2cm; antierval 110-110.3m; pyrite stringers, 2cm; antierval 1110-110.3m; pyrite stringers, 2cm; antierval 1110-110.3m; pyrite stringers, 2cm; antierval 1110-110.3m; pyrite stringers, 2cm; antierval 110-110.3m; antierval 110	-[+ <u>]</u> +]+ • •	105.4		\rightarrow	-			1	104.0 - 105.0	- 30	0.2	103.3	0.0	20.0	7.0
112.4m. quartz vein with pyrite winerval 113.9-115.0m. quartz + pyrite stringers, 2.50-moder, 3-0 older, 3-112.4 113.9-115.0m. quartz + pyrite stringers, 10-30-moder, 3-0 older, 3-112.4 113.9-115.0m. quartz + pyrite stringers, 10-30-moder, 3-0 older, 3-112.4 113.9-115.0m. quartz + pyrite stringers, 10-30-moder, 3-0 older, 3-112.4 113.9-115.0m. quartz + pyrite stringers, 10-30-moder, 3-0 older, 3-112.4 113.9-115.0m. quartz + pyrite stringers, 10-30-moder, 3-0 older, 3-112.4 113.9-115.0m. quartz veinlets, 113.9-115.0m. quartz veinlets, 113.9-115.0m. quartz veinlets, 4-7 older,	[+-[+]]	106.5				\cdot		1 1					i		
112.1-113.4m: pyrice stringers, 2.5cm interval 113.1-115.0m: quartz + pyrice stringer, 2.5cm interval 114.5m: pyrice stringers, 10-30cm interval 114.5m: pyrice stringers, 10-30cm interval 112.4 112.1 112.1 112.1 112.1 112.1 112.1 112.1 112.1 112.1 112.1 112.1 112.1 120 121.7	-\+++		112.4m: quartz vein with pyrite, w=2cm, ∠60deg.		-			∤		i		i		i	•
5cm interval 114.5m: chlorite veinlets, ∠30deg. w=2mm 115.0-121.7m: pyrite stringers, 10-30cm interval 119.2-119.4m: fine grained rhyolite, dyke, ∠50deg . w=13cm 119.2-119.4m: fine grained rhyolite, dyke, ∠50deg . w=13cm 119.2-119.4m: fine grained rhyolite dyke, ∠50deg . w=13cm 119.2-119.4m: fine grained rhyolite, dyke, ∠50deg . w=13	→ ‡+ †		112.7-113.4m: pyrite stringers, 2-5cm interval		+	+-+]	105.0 - 108.0	150	0.1	63.0	6.5	19.0	<2.0
114.5m: chlorite veinlets. ∠30deg. w=2mm 115.0121.7m: pyrite stringers. 10-30cm interval 119.1m: quartz veinlets 119.2119.4m: fine grained rhyolite. dyke. ∠50deg. *** *** *** *** *** *** *** *	<u> </u>		113.9-115.0m; quartz + pyrite stringer, ∠30-90deg., 3-		٠.,	+	0]		1			- 1	İ	
115.0-121.7m: pyrite stringers, 10-30cm interval 119.2-119.4m: fine grained rhyolite, dyke, ∠50deg . 119.2-119.4m: fine grained rhyolite, dyke, ∠50deg . 119.2-119.4m: fine grained rhyolite, dyke, ∠50deg . 121.7-123.3m: strongly silicified rock, with chlorite network with pyrite dissemination, with pyrite network 123.3-126.3m: weakly silicified, strongly chloritized, epidotized granite, with dense network of chlorite, with pyrite dissemination, with quartz teningers (∠80deg.), with minor veinlets of epidote (∠30deg.) 120 - 1	110 - ++			0 0	0	<u> </u>	0								
112.4 113.2-119.4m: fine grained rhyolite. dyke, ∠50deg. w=13cm 121.7-123.3m: strongly silicified rock, with chlorite network with pyrite dissemination, with pyrite network 122.1-123.3m: strongly silicified granite, with dense network chlorite veriplets so (124.9-125.2m: weakly silicified granite, with dense network chlorite veriplets so (124.9-125.2m: weakly silicified granite, with dense network chlorite veriplets so (124.9-125.2m: weakly silicified granite, with dense network chlorite, with pyrite dissemination, with dense network chlorite, with pyrite dissemination, with dense network chlorite, with pyrite dissemination, with dense network chlorite, with pyrite dissemination, with dense network chlorite with pyrite dissemination, with dense network chlorite, with pyrite dissemination, with dense network chlorite, with pyrite dissemination, with pyrite dissemination, with chlorite epidote very department of the district		i I	115.0-121.7m: pyrite stringers, 10-30cm interval	0 1	0	0	0]	108.0 - 111.0	20	0.2	99.5	7.0	22.5	<2.0
## ## ## ## ## ## ## ## ## ## ## ## ##	[+++	,,,,		1 0	0	1	0	! !							
120 + + + + + + + + + + + + + + + + + + +	++++	112.4	119.2-119.4m: line grained rhyolite, dyke, ∠50deg.	2 2	0	0	0					i		- 1	
121.7-123.3m: strongly silicified granite, with dense network of chlorite + pyrite + quartz, with striners of pyrite + quartz, with chlorite venilets 122.9-125.2m: weakly silicified granite, with dense network of chlorite + pyrite + quartz, with striners of pyrite + quartz, with chlorite venilets 124.9-125.2m: weakly silicified, strongly chloritized, epidotized granite 125.3-127.3m: strongly silicified granite, with dense network of chlorite, with pyrite dissemination, with quartz stringers (∠ 80deg.), with minor veinlets of epidote 127.3-140.0m: pink colored granite, with pink feldspar alteration bands. w=10.40cm. ∠ 10.25deg., 30.30cm interval 129.0-131.4m: chlorite + epidote veinlets. after the formation of pyrite stringers, 10cm interval 131.131.6m: whith, strongly silicified zone 132.0-135.0m: pyrite + quartz veinlets (w=2.3mm. ∠ 30deg., 20.30cm interval), chlorite + quartz teinlets (w=2.3mm. ∠ 30deg., 20.30cm interval) 130.0-132.2m: strongly silicified zone 130.0-131.3m: chlorite + quartz veinlets (w=2.3mm. ∠ 30deg., 20.30cm interval), chlorite + quartz teinlets (w=2.3mm. ∠ 30deg., 20.30cm interval), chlorite + quartz + pyrite veinlets (x=2.3mm. ∠ 30deg., 20.30cm interval), chlorite + quartz teinlets (x=2.3mm. ∠ 30deg., 20.30cm interval), chlorite veinlets (x=2.3mm. ∠ 30deg., 20.30cm interval), chlorite + quartz teinlets (x=2.3mm. ∠ 30deg., 20.30cm interval), chlorite + quartz teinlets (x=2.3mm. ∠ 30deg., 20.30cm interval), chlorite + quartz teinlets (x=2.3mm. ∠ 30deg., 20.30cm interval), chlorite veinlets (x=2.3mm. ∠ 30deg., 20.3mm. ∠	7+++	1 1	W = 13cm					[]		40	0.3	1110	77	20.0	-20
120	7++		121.7-123.3m; strongly silicified rock, with chlorite		•			1	.11.07.114.0	70	ر.ں	111.0		20.0	-2.0
123.3-126.3m: weakly silicified granite, with dense network of chlorite + pyrite + quartz, with striners of pyrite + quartz, with chlorite veinlets 121.9-125.2m: weakly silicified, strongly chloritized. 121.9-125.2m: weakly silicified granite, with dense network of chlorite, with pyrite dissemination, with quartz stringers (2 80deg.), with minor veinlets of epidote (30deg.) 121.7-121.	↑ <u>[</u> + <u>]</u>		network, with pyrite dissemination, with pyrite network					1		İ			İ		
120 121.7 121.7 121.7 121.3 121.3 123.3 123.3 127.3 120.4 12.5 12.6 12.7 12.6 12.7 12.7 12.7 12.7 12.7 12.7 12.8 12.8 12.9 12.3	7,+,	1 1	123.3-126.3m: weakly silinified granita, with dance		•	+	_	1 1				00.5		20.0	_ :
120]	network of chlorite + pyrite + quartz, with stringers of					1	114.0 - 117.0	30	0.2	99.5	7.4	20.0	<2.0
120	-{+ <u>+</u> +		pyrite + quartz, with chlorite veinlets						ļ				1		
120.3 121.7	4+4+11						_	1 1	}					}	
121.7 12	120 +++							, l							<2.0
network of chlorite, with pyrite dissemination, with quartz stringers (\$\alpha\$80deg.), with minor veinlets of epidote (\$\alpha\$30deg.) 127.3-140.0m: pink colored granite, with pink feldspar alteration bands, w=10-40cm, \$\alpha\$10-25deg., 30-30cm interval 129.0-131.4m: chlorite + epidote veinlets, after the formation of pyrite stringers, 10cm interval 130-++++++++++++++++++++++++++++++++++++	┵┸┼┼┼┼	1917	126.3-127.3m: strongly silicified granite, with dense		•		_	3-122 7	120.0 - 121.0	20	0.2	29.0	6.3	15.5	<2.0
123.3 (230deg.) With infinor veinlets of epiace 2 3 0 3 2	 ┹╃		network of chlorite, with pyrite dissemination, with	0 1	0	12	0		121.0 - 122.0	50	0.2	136.0	4.8	18.5	<2.0
1 2 0 3 2	_ <u></u> ++_! !:!: !	123.3	quartz stringers (∠ oudeg.), with minor veinlets of epidote	2 3	0	3	2	أحسنسا	122.0 - 123.0	90	0.4	517.5	5.0	22.0	11.0
127.3-140.0m: pink colored grante, with pink feldspar alteration bands, w=10.40cm, \(\subseteq 10.25deg., 30. \) 126.3 126.3 129.0-131.4m: cyrite stringers, 5cm interval 129.0-131.4m: cyrite 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 verinlets (w=2mm, \(\subseteq 30deg., 20.30cm interval) 130.0-135.2m: strongly silicified zone 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (\(\subseteq 20.30cm interval) 136.5-139.5m: chlorite + quartz	+_+ 		(= 55deg.)				_	1 7			- 1				
+ + + + + + + + + + + + + + + + + + +			127.3-140.0m: pink colored granite, with pink	H		_		1					1		
129.0-131.4m: pyrite stringers, 5cm interval 129.0-131.4m: pyrite stringers, 5cm interval 129.0-131.4m: pyrite stringers, 10cm interval 129.0-131.4m: pyrite stringers, 10cm interval 129.0-131.4m: pyrite stringers, 10cm interval 131.4-131.6m: white, strongly silicified zone 132.0-135.0m: pyrite + quartz veinlets (w=2.3mm. \(\sqrt{2}\) 10.0 1.0	<u> </u>	1262	feldspar alteration bands. w=10-40cm, ∠10-25deg., 30-	-	-			1 !	133.0	70	0.4	545.0	4.0	21.5	
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. ∠ 75deg., 20-30cm interval), chlorite + quartz + pyrite veinlets (∠80deg., 5-30cm interval) 135.0-135.2m: strongly silicified zone 136.5-139.5m: chlorite + quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets (∠ 50-70deg.,	+++	_						4 }	0.07 - 126.0	/0	V.4	J4J.U	4.8	21.3	<4.0
131.4-131.6m: white, strongly silicified zone 132.0-135.0m: pyrite + quartz veinlets (w=2.3mm. \(\)		127.3	129.0-131.4m; chlorite + enidote vainlete after el-	-	-	\rightarrow		- I					ł	- 1	
131.4-131.6m: white, strongly silicified zone 132.0-135.0m: pyrite + quartz veinlets (w=2.3mm, ∠ 75deg. 20-30cm interval), chlorite veinlets (w=2mm, ∠ 30deg. 20-30cm interval), chlorite + quartz + pyrite veinlets (∠80deg., 5-30cm interval) 136.5-139.5m: chlorite + quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 138.0-139.0m: pyrite + quartz + pyrite veinlets (∠ 50-70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets 138.0-139.0m: pyrite + quartz + pyrite 139.0-131.0m: pyrite + quartz + pyrite 130.0-131.1 130.0-135.0m: pyrite + quartz + pyrite 130.0-131.1 130.	+[+]		formation of pyrite stringers, 10cm interval		+			1					1	j	
75deg. 20-30cm interval), chlorite veinlets (w=2mm, \(\) 30deg. 20-30cm interval), chlorite veinlets (w=2mm, \(\) 30deg. 20-30cm interval) 130-135.2m: strongly silicified zone 136.5-139.5m: chlorite veinlets (\(\) 135.0-135.2m: strongly silicified zone 136.5-139.5m: chlorite veinlets (\(\) 50-70deg. 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets	- ∤;+;		131.4-131.6m: white, strongly silicified zone		_			1	126.0 - 129.0	130	0.4	575.0	4.0	20.0	34.0
The state of the first of the	130 - +++		132.0-135.0m: pyrite + quartz veinlets (w=2-3mm, \(\neq\)					. !					1		
+ + +	_[+_++]		30deg., 20-30cm interval) chlorite + quartz + purita				1]						ļ	
+ + + 135.0-135.2m: strongly silicified zone 136.5-139.5m: chlorite + quartz + pyrite veinlets (_[+ <u>[</u> +]		veinlets (∠80deg., 5-30cm interval)	0 1	0	2	0]	129.0 - 132.0	50	0.1	80.5	4.8	18.5	<2.0
136.5-139.5m: chlorite + quartz + pyrite veinlets (2 50.70deg., 2-10cm interval) 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets 137.8m: molybdenite in quartz + pyrite veinlets			135.0-135.2m: strongly silicified zone					1 1							
137.8m: molybdenite in quartz + pyrite veinlets 0 1 0 2 1	7+++		136.5-139.5m: chlorite + quartz + pyrite veinlets (∠		+			1 I					1		
137.8m: molybdenite in quartz + pyrite veinlets 0 1 0 1 0 0 0 0 2 0 0 0 0 2 1 2 0 0 2 1	→ ;+; []		50-70deg., 2-10cm interval)					{				00.5		٦. ٨	
1	~ <u>`</u> ;+ <u>*</u> }		137.8m: molybdenite in quartz + pyrite veinlers		+	\rightarrow		{ }	1,72.0 - 135.0	40	0.1	95.5	U. /	21.0	<2.0
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	+_+_+		quares . pyrite reinfets			_		ļ		ļ					
1+++	4++1111			_	+	-	_			- 1					
_ + ⁺ ₊ +	+++				0	2	1	j l	135.0 - 138.0	30	0.2	117.5	11.5	22.5	12.0
				2 0	0	2	1								
	T+++	140.0						1	-	į				}	

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

				£		- 1		ای		ĺ		A	ssay	result	s	
Scale C (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	√gfliza.	Chloritiza	BZIJODIG	Examine Sample		Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Мо
	23	i	140.0.152.2— 15-14 15-15	0		0		1	 	138.0 - 141.0	20	0.2	152.5	12.9	25.0) <2.
	KX		140.0-152.3m. light gray, biotite - hornblende granodiorite, plagioclase (2-4mm) > hornblende (2-4mm) >	0	_	0	_	0	1		-		132.3		1	1
	ΧX	į	biotite (2-4mm) > K-feldspar (1mm) > quartz (1mm) alteration is very weak	0	0	0	0	0	1							
_&:	KŠ.	1	with minor veinlets of chlorite + (pyrite) +(quartz), 5-	0	0			0		141.0 - 144.0	20	0.2	135.5	10.6	34.0) <2.
-8	88	ļ	100cm interval, ∠45-80deg. 141.5m; aprite vein, cut by chlorite veinlets, w=6cm	0	0	 -		0								T
	88		141.5m: xenolith of diorite porphyry with pyrite	0	0			0	4	ļ		ĺ			j	
	KŠ		dissemination (2-3%),	0	0		_	0	1	144.0 - 147.0	30	0.4	415.0	16.1	33.5	5 <2.
	XX		152.1m: chlorite + pyrite + quartz vein, w=3cm, ∠	0	0	_	→-	0	-						-	
150 X	K×		35deg.		0	<u> </u>	_	0	1	147.0 - 150.0	30	0.1	70.5	7.0	23.5	5 5.
150 – X – X	×X		152.3-162.0m: biotite - hornblende granodiorite, with	0	0	0	0 (0	1		1	1	10.0			
-×:	×	152.3	weak chloritization & epidotization with pink feldspar + epidote alteration bands, w=2-	1	0	0	1 (0					1	ĺ		
K:	K× K×		3cm, 10-50cm interval 152.3m: aprite dyke, w=7cm, ∠40deg.	0	0	-	_	1		150.0 - 153.0	30	0.2	91.5	7.1	26.5	2.
_k:	kx		153 0-158.8m: chlorite + (pyrite) + (quartz) veinlets.	0	0		_	1	4	1						
k:			w=1-8mm, 2-10cm interval, ∠60-90deg. 158.8-159.0m: strongly chloritized shear zone, with	0	0	01	_	1	-							-
	ŶŶ		dissemination of pyrite + chalcopyrite	H	0			1	1	153.0 - 156.0	40	0.2	127.5	5.8	26.0	(2.
×)	$\times \times \Box$		160.3m: epidote vein	3			2 (3-158. (5					1	
	×× ×× ××		162.0-165.0m: silicified granodiorite, with chlorite +	1			2 0		PT	156.0 - 159.0	70	0.3	355.0	8.9	28.5	<2.
160 - 23	XX		pyrite veinlets. 10-20cm interval. ∠50deg. 163.5-164.0m: chlorite network	0	0	0	1 (0	1			ļ			20.0	1
	XX		164.0-164.2m: pink calcite network	0	0		;	1]	1						
- k3	×XIII	162.0	164.8m: chalcopyrite in chlorite veinlets 162.6m, 164.0m: xenolith of hornfels	0	_)		159 0 - 162.0	40	0.2	162.5	8.1	37.5	<2.
-83			165.0-170.7m; weakly silicified & chloritized	0	2			!	3-163.9 PTX	'		İ				
-83	× × · · · · · × × · · · · · · · · · · ·	165.0	granodiorite	0	2			_		4						
-83	ŝ引라	103.0	165.5m: pyrite stringer, ∠80deg. 167.5m: quartz + chlorite + pyrite veinlet, w=5mm, ∠		1			1	3-164.8	162.0 - 165.0	50	0.2	201.0	7.0	48.0	<2.
- k ;	× × 0 0 0 × × 0 0 0 0 0 0 0 0 0 0 0 0 0		50deg.	0	_	01	-		3-104. c	'	-					
~X?	×XIII	l	165.0-166.4m: xenolith of hornfels, \$\display 30-50cm 168.0-170.7m: chlorite stringers & pyrite stringers, &			0	-+-	3		165,0 - 168.0	40	0.2	210.0	10.0	43.5	->
_38	×XIII	į	epidote veinlets, 30-40cm interval	1	1	0	2 ()			-	1	210.0	1010		
	××	1505	170.7-173.6m: strongly silicified rock, with chlorite	0	1	0	2 1	1]							
		170.7	network, original rock texture is destroyed	0	-	0		1	3-172.5	168.0 - 171.0	40	0.2	177.0	6.2	24.0	<2.
	××		170.7-171.0m: chlorite network 171.0-173.6m: dense network of chlorite + epidote +	0	-	0			X	171.0 - 172.0	140	0.4		3.5	43.5	400.
-×>	××III	173.6	quratz	-	3					172.0 - 173.0	160	0.4			44.5	
×>	××		173.6-179.1m; chloritized & partly silicified	→	1					173.0 - 174.0	50	0.2	306.5	4.4	26.0	<2.
××	X X o c		granodiorite	1	0		_		3-174.							
- *;	XXIII		174.4m: quartz + chlorite + pyrite + (chalcopyrite) vein, ∠50deg., w=1.5cm	0		_	2 1		Р	174.0 - 177.0	110	0.7	523.5	7.0	29.5	39.
<u></u>	×ήΤΤ		174.0-178.0m: stringers of chlorite + epidote + (pyrite), 10-30cm interval	0	0	_			1			· · · · ·	3 23.5			1
\x\ -\x\	L KX	179.1	178.0-179.1m: stringers of chlorite, 10-50cm interval	0	0 [0	2 1				Ι.					
180 - 🔆	::Iţš	180.0	179.1-180.0m: strongly silicified rock, with veinlets of	11			3 1			177.0 - 180.0	50	0.2	349.0	6.8	35.5	<2.
-88	1 88		chlorite + epidote, with minor veinlets of quartz (\angle		0				ļ							
-83	88		65deg.), original rock texture is destroyed mafic minerals are replaced by chlorite	0		_	0 0		ļ							l
- \$3				0		0	1 1		-	180.0 - (83.0	20	0.2	111.5	7.1	26.0	<2.
-*;		185.0	180.0-185.0m: weakly chloritised & epidotised granodiorite	0		0		_	1							İ
- *;	× XIIII		180.0-182.7m: chlorite + pyrite stringers, 30cm	0		01		+		183.0 - 186.0	10	0.2	141.5	7.5	40.5	-2
723	o o K ×		interval. ∠60deg. 182.7-183.5m: weakly silicified zone with pink		1	0	3 1	+-		186.0 - 187.0	190		569.5			
	× > 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		feldspar bands		2					187.0 - 188.0	60		513.5	5.6	52.5	
-83	XXXX		185.0-190.0m: silicified & chloritized granodiorite,	\rightarrow	1					188.0 - 189.0	20	0.2	198.5	6.8	20.0	9.
190 - 88		190.0	with network of quartz + chlorite 186.5-190.0: strong chloritization, green rock, with	-	1											1
	23 3 3	1	chlorite network & pyrite stringers	0	_	0 :		\rightarrow		1	1 .					Ī
-83	× 3 0 0	ļ	190.0-193.7m: weakly silicified & weakly chloritized	0	1	0 :				189.0 - 192.0	30	0.3	339.0	12.4	47.0	<2.
-83	×XIII	193.7	granodiorite, with chlorite + pyrite stringers, 10-30cm		2		_	-			1 :					
	××		interval, with pink feldspar bands, 50cm interval 190.4-190.6m: network of epidote + chlorite	0		01:	_		3-195. 4	192.0 - 195.0	40	0.4	475.5	8.2	41.5	2.
XX	X X o o		190.6m: quartz + chlorite veinlet, w=8mm. ∠60deg.	_	2				ρ	195.0 - 196.0	170	0.9		16.9	50.0	
××	×× oo	-	193.7-200.3m: silicified & weakly chloritized	0		0 ! :		1		196.0 - 197.0	100		529.5	8.2	48.5	+
-88			granodiorite, with chlorite + pyrite stringers, 1-10cm	0	1	0 :	2 0									
-88			interval 195.4m, 196.6-196.8m; chlorite + quartz + pyrite	0	\rightarrow	0 !								1		
200 –₹×		200.3	veins, w=5-7cm. ∠50-60deg.	1		0 j :			3-201. 2	197.0 - 200.0	40	0.3	514.5	4.7	54.0	17.
200 +××× -×××× -×××× -××××× -×××××××××××	11189		193.7-195.7m, 196.5-197.0m, 199.6-200.3m; strongly silicified rock	0	-	0	_+-		ī							-
- ≵ ×			199.6m; quartz veinlet, w=3mm, ∠60deg.	-	_	0		_			,,	0.5	250.0	أمر	20.0	
- ₹\$	11163	1	200.3-212.8m: weakly chloritized & weakly epidotized	-	_	0			3-204. 6	200.0 - 203.0	30	0.2	250.0	6.7	30.0	5.
788	11185		granodiorite	-	\rightarrow		1 0	_	X							
788	11188		201.3m: epidote + quartz + chlorite vein, w=10cm 201.0-204.0m: pink feldspar + epidote alteration	_			1 1			203.0 - 206.0	20	<0.10	240.0	9.8	47.0	7.
_*.×	11189		zones, w=1-5cm, ∠30-50deg, with anhydrite?		0		_	_		3.0.0 - 0.41.0		-0.10	2.0.0	7.01	-7.0	 '
			204.0-204.6m: rhyolite dyke with chlorite veinlets 204.6-209.5m: chlorite + pyrite stringers, w=5-10cm.		-	0	÷	-+								
			∠ 60-70deg.		0			-		206.0 - 209.0	50	0.1	507.5	6.4	33.5	10
-×× -××	k 31 1 1		208.0-209.0m: xenolith of hornblende diorite, & 20cm	1 - 1	- 1	•										

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

	T			Ti	i	TT	- 1			· · · ·	Δ	ssay	rocult		
(m)	Column	Depth (m)	Description	Sulfidation Siticifica.	Aroiliza	Chloritiza.	Epidotiza	Examined Sample	Assay Interval	Au (ppb)	Ag (ppm)	Çu	Pb (ppm)	Zn	Mo (ppm)
-	XXX XXX XXX XXX		205.0-205.3m: pink feldspar + epidote alteration		-		0			40	.0.0	416.0		20.0	
-	×××	212.8	zones 209.0-210.0m; chlorite + epidote stringers, w=10-	0 1	0		1		209.0 - 212.0 212.0 - 213.0	110		595.0			
_	××ו•• ××ו•• ××ו••		20cm 210.0-212.8m: stringers of chlorite + epidote & quartz	0 1	0		0]	213.0 - 214.0	30		287.0			11.0
_	×××		+ pyrite stringers, w=5-10cm	0 1			1]	214.0 - 215.0	140	0.4	575.0	9.9	30.0	13.0
_		215.9	212.8-215.9m: silicified & weakly chloritized	1 2	-		1		215.0 - 216.0	200	0.9	645.0	6.3	37.5	51.0
-			granodiorite 212.8-213.0m, 213.4-213.8m: strongly silicified		•		1	1							}
_			granodiorite, with chlorite stringers		_		 		216.0 - 219.0	20	0.1	173.5	6.9	26.0	25.0
	K X XIII		214.7-215.9m: dense network of chlorite, with weak dissemination of pyrite	0 0	0	i	1			-					
_	KXX KXX		215.9-232.9m: weakly chloritized granodiorite	0 0			1								
_			with chlorite + (pyrite) stringers, 30-50cm interval	0 0	+		1		219.0 - 222.0	<10	<0.10	210.0	5.9	27.0	29.0
-			with epidote + pink feldspar + (chlorite) alteration bands, 50-100cm interval	0 0	0		1	i							
			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
_	KXX		227.7m: rhyolite dyke, w=15cm, apritic	0 0	0	4	0								
_	KXX		230.4m. 231.4m: anhydrite? veinlets, $w=3.7mm$. $\angle 40-50$ deg.	0 0	0		0				0.3	0.5	0.4	20.5	
			232.9-235.6m: strongly silicified, strongly chloritized	0 0	0		1		225.0 - 228.0 -	10	0.2	81.5	8.6	28.5	11.0
000	l KXX		rock, with dense network of chlorite + pyrite, with epidote	0 0	0		0		ļ						
230 -	KXX KXX		stringers 231.1m: quartz + pyrite + chlorite vein, w≠5cm, ∠	\rightarrow	0	\leftarrow	1		228.0 - 231.0	10	<0.10	84.0	7.5	27.5	17.0
_	XXX	2020	60deg. 231.0-231.3m: pyrite dissemination	0 0	•	-	1	3-233. 1							
-	××××××××××××××××××××××××××××××××××××××	232.9	235.6-238.5m: weakly silicified & chloritized	3 3	+	3	2	ŢΙ	231.0 - 233.0 233.0 - 234.0	100 70		375.5 595.0			
	×××III		granodiorite, with epidote veinlets, 50cm interval	2 3		3		l	2340 - 2350	70		605.0	3.6		<2.0 3.0
_	XXX XXX XXX XXX	235.6	238.5-239.6m: strongly silicified zone, ∠60deg.	1 2	0	3	2		235.0 - 236.0	30		221.0	3.6		<2.0
_	×××		239.6-247.0m: dark gray to greenish dark gray,	1 1			2								
-		238.5	chloritized fine andesite, including a lot of phenocrysts of		٠	11	1		234.0 - 238.0	30		473.0	5.5	27.5	<2.0
	××>	239.6	hornblende & biotite (o 1-2mm), with calcite veinlets	1		 +	1		238.0 - 239.0 239.0 - 240.0	20 40	0.3	340.0 190.0	6.6 7.2	26.0 47.0	<2.0
240 -			247.0-250.0m: biotite - hornblende granodiorite, with minor veinlets of pyrite, with minor veinlets of chlorite, &		•		0								
_			70-80deg.			0	_		240.0 - 242.0	10	0.1	35.5	6.8	52.5	<2.0
_			with epidote + pinkfeldspar alteration bands, w=lcm, 15-30cm interval		÷		0								
-					_		0	i	242.0 - 244.0	20	0.1	28.5	5.3	52.0	<2.0
-					-		0		,						
		247.0		-	-		0		244.0 - 247.0	30	0.1	62.0	4.6	50.5	<2.0
_	×××			\rightarrow	-		1		1			į			
-		250.0			-	2	1		247.0 - 250.0	50	0.3	299.0	12.4	24.5	<2.0
250 –		200.0		Ť	Ť		+		-47.07 - 230.07		0.2	299.01	11		V2.0
	i														
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Appendix 13 Log of the Drill Hole "MJTA-4" (1/4)

	G - 1	_		5		1		А	ssay	result	s	_
icale (m)	Column		Description	fica fica fica stiza	Examined	Assay	Au	Ag	Cu	Pb	Zn	1
(iii)		(m)		Sufridation Silerifica. Argilitza. Chloritiza. Epidotiza.	Sample	interval		(ppm)	(ppm)		(ppm)) (p
				- - - -	 	<u> </u>			-	!		<u> </u>
_	A /		0.00-6.00m: surface soil, silty sand, secondary allumal sediment, yellowish brown		-	ľ						İ
_	N /		sediment, yellowish blown		1 .							
	$ 1 \rangle$											1
-	1				1				İ			
-	ΛI	6.0			1							
	1/	1	6.00-15.0m: debris, pebbly soil, yellowish brown]							t
-	1/		colored			6.0 - 7.5	20	0.6	194.0	10.6	84.0	1
	- V		pebbles: strongly weathered fine grained rock, o 1- 3cm, o max: 20cm		1	7.5 - 9.0	10	0.6	290.0	13.0	74.0	,
0 -	Y			- - - -]	9.0 - TU.5	50	0.8	306.0	10.6	76.0	Τ
	-A				- 1			0.0	200.01	10.0	70.0	4
-	-/1 i				-	10.5 - 12.0	20	0.8	374.0	10.4	76.0	1
7	$-I \wedge I$	i			- [12.0 - 13.5	10	10.4	266.0	10.2	68.0	
-1	$J \setminus I$	15.0	15.10-20.40m; weathered (oxide) zone, fractures		1 [(0					T
	$I \setminus I$	-	rich, brown colored, stained by limonite - hematite, original rock texture is unclear		1	13.5 - 5 0	60	0.4	236.0	9.6	56.0	Ļ
	/ \	į			1 [15.0 - 16.5	40	0.8	860.0	10.8	90.0	
-	I = M	İ	20.40-25.00m: dark gray to black, fine grained andesite		1 1	16.5 - 18 0	40	0.8	424.0	9.8	60.0	Ì.
4	/ \f		with dense network of chlorite, chlorite + epidote	! - -	1 1			0.5	424.0	7.0	60.0	╁
) -	¥	20.4	pyrite, pyrite + chlorite with stringers of quartz + pyrite, 1-2cm interval		1	18.0 - 20.0	160	0.4	175.5	4.9	38.0	
_	:::#		with strangers of quartz + pyrite, 1-2cm interval	3 -	1 1		1		1		30.0	H
4			25.00-30.5m: dark gray, fine grained andesite,	2 3 1		20.0 - 22.0	10	0.4	362.0	9.6	54.0	ŀ
4	:::##		fracture - rich fracture surface is stained by Fe-oxide, pyrite, pyrite	1 3 -] [1			r
{		25.0	+ Fe-oxide, chloride & quartz + pyrite	2 - - 3 1] [22.0 - 24.0	10	0.4	232.0	11.2	56.0	
-		25.0	interval of these fracture is 1-2cm transition zone between oxide zone and reduced zone	2 3 1			Ī					
-{				1 0 0 3 0		1	1			İ	:	
寸			30.5-33.6m: dark gray, fine grained andesite, fracture rich, without Fe-oxide, with minor calcite vein	2 0 0 2 0	Į	24 0 - 27.0	10	0.2	242.0	9.0	60.0	
-		-	32.1m: quartz + pyrite veinlets, w=1cm ∠70deg.	2 1 0 2 1				- 1	į	1	ĺ	
_ 🕇			33.6-44.1m: greenish dark gray, fine grained andesite,	2 1 0 2 1						- 1		
) -	;;;; a a	30.5	with a lot of stringers (or network) of epidote, quartz	1 1 0 2 1	L	27.0 - 30.0	60	0.1	379.5	4.1	30.5	L
7	0 0 0	}	pyrite, quartz + pyrite, chlorite & calcite, interval of these stringers = 3-1cm, weakly silicified zones are locally	0 1 0 2 1]			
7	200		developed, with dense network of quartz	2 1 0 2 1			10	2.0				
7	2 2 2 2	33.6	37.7.38.0m pale gray, weakly silicified zone	1 0 0 2 1	-	30.0 - 33.0	10	0.61	130.0	9.6	68.0	_:
3		ĺ	39.3m; quartz + pyrite veinlets w=5-10mm, ∠65deg. 40.7-41.3m; pale gray to pale green colored, silicified	0 0 0 2 1					į			
]:		1	zone with disseminatied pyrite	0 0 0 2 1		33.0 - 36.0	50	0.2	106.0	7.2	52.0	
			42.1m, 43.1m, 43.9m, 44.1m; quartz + pyrite + epidote veinlets, w=5-15mm, ∠60-70deg.	0 0 0 2 1			-50		100.0	-/	32.0	
-	V V 10 0	Ì	· ·	0 1 0 2 1					1		į	
-4)			44.1-51.0m: dark green to dark gray colored, fine grained andesite with a lot of stringers of pyrite, pyrite +	1 0 0 2 1	į	36.0 - 39.0	40	<0.1	80.0	9.0	52.0	1
) -{!	***		chlorite, pyrite + quartz, chlorite & quartz, 1-2cm interval	1 1 0 2 1	4-40.9		- T					_
-43	٥		with minor stringers of epidote & calcite 47.9m, 48.6m; quartz + chlorite veinlets, w=5.15mm.	1 1 0 2 1	PT	39.0 - 41.0	10	0.6	182.0	6.6	44.0	
-{;			∠ 45deg.	2 1 0 2 1		41.0 - 42.0	200	0.4	370.0	9.8	44.0	
寸:	0 0	44.1	51.0-51.7m: calcite veinlets & clay veinlets ∠80deg.	2 1 0 2 1		42.0 - 43.0	200		266.0	9.6	46.0	
4		99.1	to 2 90deg., w=1-3min	2 1 0 2 1	4-42.0	43.0 - 44.0	20	0.8	244.0	13.8	54.0	_
-{;			52.7-53.8m weakly silicified zone with veinlets of	1 0 0 2 0	PTX				1			
4			quartz + chlorite, quartz + pyrite, quartz + epidote +	0 0 0 2 0	4-43.0 j							
7			chlorite. ∠40deg, to ∠60deg., w=5-10mm	1 0 0 2 1	' -	44.0 - 47.0	10	<0.1	168.0	9.6	46.0	_:
7	***		53.8-59.5m; greenish dark gray, fine grained andesite	1 1 0 2 1					- 1			
]:			with a lot of stringers of pyrite, chlorite + pyrite, quartz, quartz + pyrite & epidote, 5-15mm interval	1 0 0 2 1	ĺ	47.0 - 50.0	20	ا م	342.0	10.0	50.0	
	::	51.0	57-57.5m: silicified vein (w=2-3cm) with pyrite	1 0 0 2 1	-	-7.01 - 3D.01	201	0.0	342.0	10.0	50.0	-
];		51.7	veinlets (w=0.5cm), 255deg.	1 0 0 2 1	İ				l			
	: \$ a a -	52.7	59.5-66.7m, silicified & chloritized fine grained	1 1 0 2 1		50.0 - 53.0	310	0.2	120.0	11.0	56.0	
		53.8	andesite, with many stringers of pyrite, quartz + pyrite, quartz & chlorite, with silicified veins, with silicified &	1 1 0 2 1	F			1	20.0	11.0	20.0	
-	; \$		chioritized veins (w=1-3cm, 270deg, ±)	0 0 0 2 1	į			ĺ		-	ļ	
_;;	١		62.7-63.0m; pink colored mineral (calcite?) veinlets	0 0 0 2 1	-	53.0 - 56.0	80	<0.1	162.0	9.0	46.0	1
-			4 S0deg., w=3mm 62.0-64.9m, 66.0-66.7m; strongly silicified zone, rock	1 0 0 2 1					-	1	1	
-	**		texture is completely destroyed	1 1 0 2 1			İ	- 1				
4:	::111	59.5	66.2-66.8m: pink colored mineral vein (w=1-2cm, ∠ 90deg., formed after sulicification, after pyritization	0 0 0 2 1	Ĺ	56.0 - 59.0	90	0.4	142.0	13.8	56.0	:
-{:	; ; o o			1 1 0 2 1	4-62.0	- 1	j		ļ		1	
-{:		-	66.7-70.5m: dark green to dark gray colored, fine grained andesite with a lot of stringers of chlorite,	2 1 0 2 1	PI ⊢	59.0 - 61.0			160.0	_	56.0	_
73	:::::::::::::::::::::::::::::::::::::::		calcite(white) & quartz, with minor stringers of pyrite &	3 1 0 2 1	_	61.0 - 62.0	80				52.0	
7:			pyrite + quartz	2 2 1 3 1		62.0 - 63.0	-	<0.1			46.0	-
73			70.5-73.3m; pale greenish light gray, weakly silicified	2 2 1 3 1	4-63 5	63.0 - 64.0	30			_	60.0	1
	: :		& argillized rock, with sparse network of chlorite, calcite, quartz & chlorite + pyrite	2 1 0 2 1	PTX	64.0 - 65.0	110	<0.1 2	(20.0	10.0	46.0	<
		66.7	with weak epidotization	2 2 0 3 1	İ	65.B - 67.U	140	04	346.0	20.4	53.0	_
]:	\$ \$	İ		0 0 0 2 1	-		1-0	0.4	,-0.01	د0.4	52.0	2
13	::		Ì	0 0 0 2 1	-							
	**************************************		•	1 0 0 2 1	1	- 1	90		1	1	- 1	

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

	İ				177	$\overline{}$	П	-	<u> </u>			Δ	ssay	regult	· ·	
Scale	Coli	ımn	Depth	Description	lon a	ا	7a.	eg.			 		1	i	T	<u> </u>
(m)			(m)	Description .	Suffidation Silicifica.	Argilliza.	Chloriliza	Epidoliza	Examined Sample	Assay Interval	Au (ppb)	Ag (ppm)	(ppm)	Pb	Zn (ppm)	Mo
					S S	Įž	5	유	-		1000	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,55,	(PP.11)	(PP)	(ppin)
_		00		73.3-75.0m; dark gray colored, fine grained andesite,	-	1		1	1	-		 	i	 	 	1
		00		with calcite network, with minor stringers of pyrite, chlorite, & quartz + epidote	111	+ -	-	2	-	70.5 - 72.5	20	<0.1	132.0	10.2	52.0	2.0
		9 0	73.5	•	0 0	-		2	-						1	1
				75.0-79.3m: strongly silicified rock with network of pyrite, chlorite + pyrite, quartz + pyrite, chlorite, epidote		0		+	1	72.5 - 75.0	20	0.4	92.0	11.4	44.0	20
-	::::		75.0	original rock is fine grained andesite, dark gray to dark green colored	-	0	\rightarrow	$^{+}$	1	72.3 - 79.0		1 0.4	92.0	11.4	66.0	2.0
		0 0		75.5m: quartz + pyrite vein, w=2cm. ∠55deg.	1 1	0		1	1	1		ĺ				
		0 0		79.0m: quartz + pyrite veinlets, w=0.5mm, ∠70deg.=	2 1	0	2	1	1	75 0 - 75.0	50	<0.1	93.6	4.0	25.0	21.0
		0 a	79.3	79.3-82.5m; white to pinkish white colored calcite	1 2	0		2								
80 -	****	0 0		network in the fine grained andesite, with a lot of epidote stringers, total amount of disseminated pyrite is 1%		0		2	1							
-	333	0 0		82.5-85.0m: dark gray to black, fine grained andesite,	1 1	0		2	4	79.0 - 51.0	37	0.2	43.2	3.0	37.6	<2.0
-		0 0	82.5	with stringers of pyrite + chlorite, pyrite, quartz & epidote	1 1	-		1	1							
7	333			, 5cm interval, total amount of disseminated pyrite is 1- 2%	1 0	ō		1	1	81.0 - 84.0	50	<0.1	56.0	2.0	45.2	<2.0
]			85.0	85.0-92.0m: black to dark green colored, fine grained	1 0	0	1	ī	1				·			<u> </u>
_		0 0		andesite with quartz + pyrite veinlets (86.7m, 86.9m, 87.9m, 88.2m, 88.5m, 89.2m, 89.8m, 90.3m, 90.8m), ∠	2 1	0	2	1]							
_	***	0 0		60deg. ± . w=3-10mm	2 0	0	2		1	54 D - 87.0	53	<0.1	138.7	4.8	27.1	<2.0
⊣		0 0	1	85.0m. 88.0m, 91.0m: pale green colored, silicified rock, with stringers of chlorite, chlorite + pyrite, pyrite &	2 1	0		1	4							
-	333			pyrite + quartz, 5-15mm interval, with traces of calcite veinlets	1 0	0	2		1	870 - 90.0	en.	-0.	202.4	3.0	210	-2.0
90 –	333		1		1 0	0	2		1	97.0 - 90.0	80	< U. J	202.4	3.0	24.9	<2.0
		Ш	92.0	92.0-94.2m: fine grained silicified andesite, light gray to light green colored, with sparse (5-10cm) network of	111	0		2	1	900.920	47	<0.1	53.9	4,7	36.5	2.0
J		00		chlorite, pyrite, epidote & quartz, with quartz + pyrite	0 2	0	-	1	1	92.0 - 93.0	67	<0.1	36.2	6.9	44.5	<2.0
		0 0	94.2	veinlets ∠60deg., w=5mm	1 2	0	-	1]	93 D - 94 D	57	<0.1	27.1	12.9	41.4	
4		00		94.2-99.5m: silicified and chloritized porphyritic andesite, light green colored, including plagioclase	1 2	-	_	2		94.0 - 95.0	57	<0.1	66.0	14.1	45.1	<2.0
	****	00		phenocrysts (o 1-2mm), with sparse network of chlorite,	0 2	_	<u> </u>	1	-							
-		0 0		pyrite, epidote, quartz + pyrite & chlorite + pyrite etc., lcm to 10cm interval, pyrite dissemination is weak		0	\rightarrow	2			470		1308.0	7.0	27.7	-30
7	****	00		97.5m: chlorite + pyrite veinlets. ∠50deg., w=5mm	1 2	-	\rightarrow	2	1	950-980	470	₹0.1	1308.0	7.6	33.7	<2.0
100		0 0	99.5	99.5-103.2m: green to pale green colored, porphyritic	1 2		-	1								
100 -		0 0		andesite, with silicified bands & epidotized bands, with	1 1	0	2	1	1	98.0 - 101 O	77	<0.1	148.7	8.7	29.4	<2.0
4	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0 0		pyrite stringers (3-10cm intervals), with minor stringers of chlorite + pyrite, quartz + pyrite, chlorite and quartz	1 1	0	2	1]					·		
_		0 0	103.2	•	1 0	0		1]							
		0 0		103.2-107.7m: light gray to pale green colored, silicified rocks, with dense stringers (0.5-3cm interval) of	2 2	0		2		101.0 - 104.0	130		143.0	14.5	28.0	
-		0 0		pyrite, pyrite + quartz, chlorite + pyrite, epidote & quartz with veinlets of quarts + pyrites (w=3.7mm)	1 2	0	-	2		104.0 - 105.0	120		376.5	4.0	23.2	33.0
-		0 0		104.5m: minor veinlets of anhydrite + epidote + K-	2 2	0	\rightarrow	21		105.0 - 106.0	67 80		149.1 253.5	4.0	26.4 22.7	<2.0 <2.0
7		0 0	107.7	feldspar (w≈5mm),∠55deg.	2 2	0	\rightarrow	2		107,0	50	νο.τ	200.0	7,7		\ <u>\2.0</u>
]				107.7-127.4m: dark green to dark gray colored.	2 1	0		11	1							
110				chloritized porphyritic andesite, with stringers of pyrite, chlorite, epidote, quartz + pyrite & quart, 1-5cm interval,	1 0	0	2	1]	107,0 - 110,0	50	<0.1	131.5	5.6	27.0	<2.0
	.	Ш		with minor veinlets (w=3-10mm) of quartz + pyrite +	2 0	0		1								
4	****	$\ \ $		chlorite, with K-feldspar bands (w=10cm ±) 108.5m, 112.5-112.8m, 117.5-120.8m; silicified rock	1 0	-	\rightarrow	1	ļ							
-	/XXX			129.8m, 124.9m; anhydrite veinlets with quartz + epidote (w=2·10mm). ∠40·70deg.,	2 1	0	\rightarrow	2		1100 - 113.0	47	0.1	70.4	5.1	58.8	2.0
-1				122.0m. 123.4m, 123.7m; traces of calcite veinlets	1 0	0	\rightarrow	1								, 1
1	***	Ш		after pyritization and chloritization 125.0-127.4m: pale greenish to gray, coarse grained,	1 0	0	-	1		113.0 - 116.0	57	<0.1	78.5	4.0	41.6	<2.0
]		0 0		porphyritic andesite, with minor stringers of pyrite, 20cm	1 1	-	\rightarrow	1								
4		00		interval with minor stringers of epidote & chlorite	0 1	0	2	1								, ,
		0 0		with minor veinlets of calcite			2			116.0 - 119.0	73	<0.1	122.0	7.6	42.5	<2.0
120 –		0 0	1	127.4-131.6m: dark greenish gray, fine grained			2									
7		H		andesite, slightly silicified, with a lot of stringers (interval: 1-2cm) of pyrite, pyrite + quartz, quartz, chlorite	0 0	\rightarrow					ا ـ ـ ـ	-0.	٤.,	اء ۾	50.5	امد
			- 1	& chlorite + quarts, with weak dissemination of pyrite			2			(19.0 - 122.0	57	<0.1	64.1	4.5	50.2	2.0
钇	,			128.0m: quarts + anhydrite veinlets, ∠75deg., w=7mm	1	-	2	\rightarrow		ļ						, ,
]:		$\ \cdot\ $		121 £ 127 £m. de-la	0 0	0	2	1		122.0 - 125.0	63	<0.1	31.5	6.4	50.9	<2.0
4	***			131.6-132.6m: dark gray, fined grained andesite, with pyrite stringers (interval: 5cm ±)		-	2	-								
	***		127.4	132.6-136.0m: slightly silicified andesite with pyrite	-	-	2									
4	333	0 0		stringers, with pyrite + quartz veinlets, with pyrite +		_	2			125.0 - 128.0	57	<0.1	36.2	4.0	37.3	2.0
	****	0 0		quartz vein (w=1.4cm) ∠70deg ±, 30cm interval		-	2									
130 -	***	5 0		136.0-137.4m: dark green colored andesite, with	1		2	_,_		128.0 - 131.0	60	<0 I	74.5	10.0	39.6	2.0
]	***	0 0	131.6	pyrite stringers, 2-3cm interval 136.8m: pyrite + quartz veinlets, ∠80deg., w=5-8mm		$\overline{}$	2		4-133.2	151.0	30	-0.1	. 4.5]	13.0	27.0	2.0
]	333	0 0	102.0	-			2			131.0 - 133.0	50	1.0	151.2	5.0	31.2	<2.0
4	3334	0 0		137.4-138.9m: stringers of quartz + pyrite & pyrite 1- 5cm interval	3 2	$\overline{}$		1		133.0 - 134.0	47	<0.1	110.6	6.9	20.6	<2.0
-{	****	00	126.0	137.9m: quartz + pyrite veinlets, ∠80deg., w=3-5mm	_	_	2		1	134.0 - 135.0	67		252.5	4.0	23.0	<2.0
-{	:::}	00	136.0	138.9-146.4m: dark gray to dark green colored, fine			2			135.0 - 136.0	80	<0.1	162.8	6.3	23.8	3.0
+	***	Ш	137.4	grained andesite 140.4m, 141.1m, 141.6m, 142.0m; pyrite veinlets and		$\overline{}$	2									
-{		0 0	138.9	quartz + pyrite veinlets, ∠70-80deg., w=3-8mm	\rightarrow	-	2	-		1160	37	-0.1	120 4	٦,	77.7	22.0
1	:::				-		2			136.0 - 139.0	37	<0.1	138.6	7.1	23.7	22.0
					1	- 1	-!		L							

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

	1			آ ۽ آ	i	\top	T	T	T	T	A	ssay	result	ts	
Scale	Column	Depth	Description	Sulfidation	8	Argiftiza. Chloritiza.	IIZa.	Examined	Assay	Au	Ī.	Cu	Pb	Zn	Ma
(m)		(m)		를	Silicifica.	Illor	pido	Sample	interval		(ppm)	(ppm)			Mo (ppm)
	स्टिना	1						_	<u> </u>	-	<u> </u>	<u> </u>			1
			145.1m: pink calcite veinlets, w=1cm, ∠25deg., with	-	-+	0 2	-+-	-			١				
			quartz stringers, with chlorite stringers, with pyrite stringers (2-10cm interval)			0 2	_	-	139.0 - 142.0	43	<0.1	122.7	7.5	26.7	9.0
			146.4-146.7m; coarse grained andesite tuff?, ∠10deg.,	-		0 2	 -	4							
			w=20cm		-	0 2		7	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		0	0 2	1]				1			1
-			of coarse grained andesite tuff, with stringers of pyrite.		\rightarrow	0 2]				Ì	1		
-			quartz, chlorite			0 2		_	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	-	\rightarrow	0 2		-				ļ		-	
150 -					-	0 2		-	148.0 - 151.0	110	0.1	202.2		33.0	
			150.0-160.2m: dark green colored, fine grained andesite, with stringers of chlorite, chlorite + pyrite,		\rightarrow	0 2		1	148.0 - 151.0	110	U. I	282.3	13.3	27.9	28.0
			pyrite & pyrite + quartz, 5cm interval	-		0 2		1					İ		İ
			with minor stringers of calcite (cut the chlorite + pyrite stringers). ∠ 30deg, ±, w=1-2mm, 20cm interval			0 2			151.0 - 154.0	137	0.1	934.0	5.4	35.5	6.0
			pyrite dissemination is very weak		\rightarrow	0 2	\rightarrow	4-156.0							
			153.1m: quartz + pyrite + chlorite veinlets, ∠90deg w=5-10mm		\rightarrow	0 2		T The state of the							
		1	153.2m: silty layers (thickness=3cm, ∠15deg.) 155.2m: minor veinlets of chlorite + quartz + pyrite			0 2		-	154.0 - 157.0	10	<0.1	62.0	15.4	57.8	4.0
						0 2		4						ĺ	
160		160.2	160.2-163.0m; dark gray, porphyritic, coarse grained andestic rock, with stringers of pyrite + chlorite & chlorite		_	0 2		1	157.0 - 160.0	10	<0.1	58.0	11.0	41.4	<2.0
.00 ~			5-20cm interval, with minor veinlets of epidote & calcite			0 2						1			
Ţ			163.0m, 161.6m, 163.5m: pyrite + chlorite & quartz +			0 2						İ			
-			pyrite veinlets (455-70deg., w=3-5mm)			0 2		1	1800 - 163.0	80	<0.1	102.0	14.2	49.2	2.0
_			164.0-167.3m: dark green to dark gray colored.			0 2		-							
-			porphyritic andesite, with chlorite + pyrite, pyrite, epidote stringers (450-75deg, w=1mm, 1-5cm interval)			0 2		1							
-		167.3				0 2		1	163.0 - 167.0	<10	<0.1	88.0	9.4	34.8	5.0
3			167.3-169.1m; dense network of pyrite, with pyrite dissemination, with weak silicification	2	1	0 2	1						,,,	3	3.0
_		169.1	160 1 170 7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1				1]	167.0 - 169.0	27	<0.1	504.0	8.8	33.6	<2.0
170 -		170.7	169.1-170.7m; stringers of pyrite, pyrite + chlorite, 7- 10cm interval, ∠60deg, ±, with minor veinlets of quartz,	-		0 2		1				1			
-		110.1	∠30deg w=8mm	0	-	0 2		1			_				
		!	170.7-175.0m: coarse grained andesite tuff, light gray	0	\rightarrow	0 2		-	169.0 - 172.0	10	<0.1	144.0	9.6	40.2	6.0
			colored, with minor stringers of pyrite, epidote & quartz. 20-30cm interval		_	0 2		-							1
3		175.0		-	-+-	0 2		1	1720 - 175.0	20	<0.1	132.0	10.2	31.0	2.0
	0 0		175.0-178.2m; greenish gray, coarse grained andestic rock, chloritized and epidotized, with stringers of pyrite &	0	0	0 2	2	1							
-\$		İ	chlorite + pyrite, with veinlets of quartz + pyrite, ∠ 60deg, with minor veinlets of calcite, ∠40deg.	-	_	0 2]		į					
ړ.		178.2				0 2		1	175.0 - 178.0	17	<0.1	222.0	9.2	36.6	2.0
-;		179.1	179.1-180.4m; coarse grained andestic rock, with a lot of calcite veinlets & white clay veinlets, with minor	-	-	0 1 2	1	4-180.3							
180 -		180.4	stringers of quartz + pyrite & pyrite stringers, 470deg.		-	0 2		X	17830 - 18730	<10	0.1	66.0	6.8	41.4	7.0
			180.4-184.8m: coarse grained andesite, strongly	-			2	1	110.01113130		0.1	50.0	0.0	71.7	7.0
			chloritized, with epidote alteration bands (w=2-10cm, Z=20-40deg., 10-30cm interval)	0	0	0 3	2	1					j		
		184.8		-	_		2]	181.0 - 184.0	43	<0.1	110.0	17.8	84.8	5.0
-5		104.0	184.8-190.4m: dark greenish gray, chloritized, coarse grained andestic rock, with pyrite + chlorite stringers, \(\tilde{\Lambda} \)			0 3		1					i		
			45-70deg., 5cm ± interval	-	-+	0 2	_	4-187.5			0.3	600 O			
			with minor veinlets of chlorite & quartz + pyrite. ∠ 80-90deg., w=5-8mm			0 2		ŤΧ	1840 - 1870	170	0.2	680.0	9.0	4).0	19.0
			188 0m, 189 0m; chlorite + calcite (pink) veinlets, Z 90deg., w=5-7mm	1	0	0 3	1								
190		190.4	-	0	0	0 2	1]	1870 - 1900	<10	14.0	188.0	11.8	51.2	5.0
		-30.4	190.4-199.3m: weakly chloritized, coarse grained andestic rock, with pyrite stringers, ∠50-70deg., w=0.5-	-		0 2									
			1.5mm, 10cm interval			0 2		4							ا . ا
-3			with stringers of chlorite + pyrite, chlorite, epidote, quartz + pyrite , ∠60-75deg., 10-15cm intervals	_		0 2 2		-	190.0 - 193.0	<10	1.2	258.0	29.6	72.8	13.0
-2			with pyrite veinlet, 50-100cm interval 194.6-198.0m: calcite veinlets& quartz veinlets, 50-	-	-	0 2		1							
			100cm interval	1		0 2		1	193.0 - 196.0	<10	<0.1	136.0	10.4	37.4	7.0
_			190.6m, 194.6m, 198m; strongly chloritized & strongly epidotized zone, width=20cm ±	0	0	0 2	1]							
	884		199.3m: quartz + calcite + pyrite vein w=6cm, ∠	+		- i - i -	2		196.0 - 198.0	30	42.2	302.0	7.6	43.8	2.0
_2		199.3	65deg.	0			1	.	- 1						
200 🕂		201.0	201.0-201.5m; dark gray, fine grained andestic tuff with calcite stringers			0 2		-	198.0 - 200.0	33	<0.1	218.0	27.8	56.0	19.0
ℸ		201.0	•		-	0 2		1					Į	:	. '
- 5	833	203.2	201.5-203.2m: coarse grained andestic tuff with quartz + pyrite veinlets, \$\times 50\text{deg}\$, \$\times -10\text{cm}\$ interval, with			0 2		1	200.0 - 203.0	<10	<0.1	204.0	10.0	59.4	7.0
Ţŧ	ँँँगान		calcite stringers, ∠30-70deg., 2-3cm interval			0 2		4-205.0			:-				
Ì	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;		203.2-206.8m; dark gray to dark green colored, coarse	1	$\overline{}$	0 3		TX]	ļ					
-₽	· · · · · · · · · · · ·	206.8	grained andestic rock, strongly chloritized, partly epidotized, with a lot of chlorite + pyrite stringers	1	_	0 2			203.0 - 206.0	<10	7.8	158.0	40.8	83.0	9.0
_ <u></u> }_	, , , , , , , , , , , , , , , , , , ,	200.0	204.5-205.2m, 206-206.8m; chlorite + quartz + calcite	-	_	0 3		1	l	İ					
+	;;;;;		veinlets, \angle 80deg, to \angle 90deg,, with pyrite dissemination	—		3 2					3.0		,,,,	(3.)	ارا
-₹	ૢૻૻૢ૽ૢૢૢૢૢૢૢૢૢ૽ૺ૽ૢૺ૽ૢ૽ૺ૽					3 3			206.0 - 209.0	<10 10	<0.1	129.2		62.7	
	A PARTICION			111.	• • •	J - Z	<u>:-</u>	<u></u>	209.0 - 210.0	IO	<0.1	88.0	8.2	44.8	7.0

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

				Τ-		ļ	i	\top	Т	T	Τ	Α	ssay	result	s	
Scale	Column	Depth	Description	io	-	انه	8 2		_	1		;		T	1	T
(m)		(m)	·	Sulfidation	Silicific	Argilliza.	Fridori		Examine Sample		Au (ppb)	(ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm
~			206.8-214.1m: dark gray, coarse grained andestic rock, with stringers of chlorite, chlorite + pyrite & pyrite.	2	1	0 2	2 2	:[_		210.0 - 211.0	<10	<0.1	176.0	80.2	74.2	5.
_	اه ه ادرین	İ	5-15cm interval, ∠40-60deg	_		0 2		- -		211.0 - 212.0	37	6.4	254.0	45.0	80.2	6.1
_			pyrite dissemination is very weak	0		0 2		 -			'					-
-		214.1	with minor epidote stringers & calcite (pink) stringers			0 2		·-	1					ĺ		1
-	, , , , , , , , , , , , , , , , , , ,		210 7 220 2	-		0 3		-	4	212.0 - 215.0	<10	2.2	150.0	10.4	49.6	13.0
_	*.v.;;		219.7-220.2m: strongly chloritized, fine grained rock, silty rock, with calcite network	0	-	0 3			4-217.1		l					}
	.v.v.v.	i	220.2-221.6m: chloritized and epidotized, coarse	0	_	0 2			Х							
-			grained andestic pyroclastics, with calcite veinlets	0	-	0 2				215.0 - 219.0	<10	0.2	172.0	50.0	65.6	14.0
000		219.7	221.6-225.0m: dark green colored, andestic, fine			0 3			1	}		Ì	1	!		
220 -		221.6	grained rock, with stringers of epidote, pink calcite &	0		0 3		-	1	215 0 - 221 0	<10	<0.1	52.0	8.0	69.6	6.0
		-31.0	chlorite, 1-2cm interval 224.4-224.6m: pyrite stringers	0	0	0:2	2 1	Ī]							
		1				0 2									1	
			225.0-227.2m: strongly chloritized, coarse grained andestic tuff, with epidote network	—		0 2				221.0 - 224.0	<10	<0.1	126.0	9.2	54.0	<2.0
4		225.0	226.4m: strongly chloritized green rock, 🗸			0 2		_		1						
-			60deg.,w=3-4mm			1 3			-							
~		227.2	227.2-227.7m; dark gray to dark green, fine grained			1 3			1	224.0 - 227.0	<10	4.2	133.3	82.2	63.4	< 2.0
-		227.7	andestic tuff, ∠30-40deg.			1 3			1							
200		230.3	227.7-228.7m: pale green, chloritized, epidotized rock			0 2			1	227.4 - 220.0	<10	د ۵۱	128.0	15.6	57.0	_,,
230 –			with calcite veinlets, alternation beds of fine grained tuff and coarse			1 3			1		10	~0.1	120.0	0.01	ال.، د	< 4.0
	::: <u>:</u>	231.7	grained tuff			1 3			1							
			228.7-230.3m: dark gray, fine grained andestic tuff			1 2	_		1	230 0 - 233.0	<10	<0.1	80.0	8.4	52.0	<2.0
		22.5	with stringers of chlorite, chlorite + pyrite, calcite . \angle 40-	0	0	1 2	1	Ī]						<u></u>	
_	****	234.7 235.5	80deg., 1-3cm interval			1 2		 .]							
4	***		230.3-231.7m: strongly chloritized, fine grained rock,			1 3		-]	233.0 - 236.0	<10	47.6	54.0	17.8	47.8	<2.0
4			with calcite, quartz veinlets 230.4m: chlorite + pyrite vein (∠55deg., w=1cm)			0 2										
-						0 2										
-		1	231.7-234.7m: dark green to dark gray colored, fine grained andestic tuff with calcite network			0 2 0 2			-	236,0 - 239,0	17	1.0>	52.0	10.6	63.6	<2.0
240						0 2			1						1	
		1	234.7-235.5m; dark green colored, strongly chloritized rock with pyrite stringers, with pyrite veinlets. 2-5cm			0 2			ł	239 0 - 242.0	<10	<0.1	62.0	7.8	56.4	<2.0
7			interval, with calcite + quartz veinlets			0 2			1		~10	~0.1	02.0	7.01	30.4	\2.0
]		- 1	235.5-245.4m: dark gray colored, fine grained			0 2	_		1							
_	333	245.4	andestic rock, with veinlets of quartz + pyrite, chlorite +			0 2]	242.0 - 245.0	<10	< 0.1	60.0	13.4	61.0	<2.0
4	***		pyrite, ∠50-70deg, w=2-4mm, 20cm interval, with minor veinlets of epidote	-		0 2		Ĺ								
4		0.0.	·	-		0 2		L	4-248.6					ĺ		
{	***	248.1 248.7	245.5-248.1m: dark gray, fine grained andestic rock, with chlorite stringers, ∠60deg., 1-3cminterval, with			0 2	 -	-	ρ	245 0 - 248 0	<10	<0.1	80.0	8.2	59.0	5.0
-	***	250.0	minor stringers of epidote & pyrite	\rightarrow		1 3		-		1	ا و ر		40.50		!	
250	<u> 1 1 1 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 </u>	200.0	248.1-248.7m: strongly chloritized & epidotized zone.	1	UII	0 2	-	-	<u> </u>	248.0 - 250.0	67	0.4	436.0	5.6	51.2	<2.0
┪		1	with dense network of quartz + pyrite, with pyrite dissemination, containing chalcopyrite??	\vdash	+	÷	+	-								
7			assemination, containing chalcopy rite:		+	 -	+-	Н						Ì	i	
]			248.7-250.0m: dark gray, fine grained andestic rock. with chlorite stringers, \$\alpha\$60deg., 1-3cm interval, with	\sqcap	Ī	T	-						ĺ		į	
			minor stringers of epidote & pyrite			T	1								[
					-	1						İ			-	
-	1 1			-		1	1	ļ.,								
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