

APPENDICES

MJTA-1 (1)

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

Location : Zaiturbulak area

Altitude : 489.0 m

Direction : —

Angle : -90°

Depth : 350m

SCALE (m)	GEOLOGIC COLUMN	DEPTH AND CORE ANGLE (°) (m)	DESCRIPTION		ALTERATION AND MINERALIZATION	POSITION OF EXAMINED CORE SAMPLES	ASSAY RESULTS							CORE RECOVERY (%)	SCALE (m)	
			GEOLOGY	MINERALIZATION			Sample No.	Depth (m)	Width (m)	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)			Zn (ppm)
0																
10		4.50		Brown Soil												
				Blackish grey fine grained meta-sandstone with laminated structure	<ul style="list-style-type: none"> • Limonite stain in fractures • Pyritization prominent zone • A few pyrite stringer (W=1-2mm) by one meter • 10-90 py. stringer (∠90°, W=2mm) • 11-15-11-20 py + epi. vein & epi + chl patch (∅ 3cm) • 12-20-12-40 Fracture zone with white clay stain • 15-10 Boronite diss. • 12-20-12-40 Fracture zone with white clay stain • 15-20-15-60 Low angle frac. with py. stain • 15-70 py stringer with boronite diss. • 15-80-15-90 patch or banded epi. vein • 19-10 Boronite diss. 											
			20.0	Blackish grey fine grained meta-sandstone brecciated	<ul style="list-style-type: none"> • Strongly silicified zone, py. diss. 1-3% 	20.05P										
			21.95	Blackish grey fine grained meta-sandstone with laminated structure	<ul style="list-style-type: none"> • Medium intense of silicification & pyritization (py. diss. 1%) zone 	21.75P										
			25.30	Brecciated meta-sandstone	<ul style="list-style-type: none"> • Intense silicified zone, 26-60 py stringer with calco. diss. 											
			26.80	Blackish grey fine grained meta-sandstone with laminated structure (∠18°)	<ul style="list-style-type: none"> • Medium intense of silicification 											
			29.50	Meta-sandstone, brecciated	<ul style="list-style-type: none"> • 28-60-28-90 Mag. diss. • 29-70 py film with calco. & boronite • 30-60 Mag. patch 											
			30.80	Blackish grey fine grained meta-sandstone with brecciated part, generally massive	<ul style="list-style-type: none"> • Medium intense of silicification & pyritization zone 											
			32.0		<ul style="list-style-type: none"> • A py. stringer in one meter interval 											
			32.4		<ul style="list-style-type: none"> • 36-6 py stringer (∠80°) with calco. (0.5%) 											
			34.6		<ul style="list-style-type: none"> • 36-80 py. stringer (∠80°) 											
			34.80		<ul style="list-style-type: none"> • 39-70 Quartzose part (W=3cm) with py. stringer (W=1mm, ∠70°) • 43-40 py & chl. vein with intense sil. around 											
			44.75	Black, fine to medium grained Hornblende diorite	<ul style="list-style-type: none"> • Medium intense of silicification & pyritization zone • py. diss. 1-3% • 46-30 py with epi. 	44.4X										
			49.40	Light grey diorite porphyry	<ul style="list-style-type: none"> • Intense of silicification & pyritization zone • 50-50-51-00 py. diss. (>5%) • 52-70 py. stringer (∠70°) • 52-80 Mag. & calco. diss. (0.1%) • 56-90 py film with (∠70°) with calco. + epi. 	50.0P 50.1T, 50.3P 50.8P										
			57.70	Blackish grey fine grained meta-sandstone	<ul style="list-style-type: none"> • Intrusive contact (∠70°) • 57-75.2 py. stringer (∠70°) 	51.7X										
			61.65 ∠70°	Light grey diorite porphyry	<ul style="list-style-type: none"> • Propylitic zone • 59-50 py. stringer (∠70°) + epi. pyritization prominent zone • 61-50 Densely py. diss. 	62.0T										
			66.50	Gradual contact	<ul style="list-style-type: none"> • Intense of silicification & pyritization zone • 62-30-02 vein (∠80° W=3cm) • 62-40-62-60 py + epi. + calco. vein (W=2mm) • 63-20-63-30 py vein with calco. 	65.0X										
			72.0	Blackish light grey-greenish dark grey diorite porphyry with tourmaline spots (<2%)	<ul style="list-style-type: none"> • Weak silicification zone • 74-60 Fissure with py (50%) & calco. (1%) 	67.1P										
			75.40	Blackish light grey diorite porphyry with tourmaline spots (1-2%)	<ul style="list-style-type: none"> • Medium intense silicification & pyritization 	69.0X										
			79.0	Greenish black diorite porphyry	<ul style="list-style-type: none"> • Propylitic alt. + weak silicification • 81-70 Fissure (∠70°) with py (10%) & calco. (1%) 	75.7P										
			83.5	Blackish light grey diorite porphyry with tourmaline spots	<ul style="list-style-type: none"> • Medium intense silicification & pyritization 	78.0T										
			86.0	Greenish dark grey diorite porphyry with tourmaline spots (1-5%)	<ul style="list-style-type: none"> • 85-50 Fissure (∠70°) with py & calco. (0.1%) 	96.15X										
			99.6	Fissure with white caly	<ul style="list-style-type: none"> • 92-50-92-80 Fissure (∠75°) with py. + calco. + calco. • 93-20 py. + calco. stringer • 95-0 Fissure (∠88°) with calco. + chl. + hem + white caly 	98.8AM 98.990										
			100.0			98.0-100.5										

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

MJTA-1 (4)

Location :

Altitude :

Direction :

Angle :

Depth :

SCALE (m)	GEOLOGIC COLUMN	DEPTH AND CORE ANGLE (°) (m)	DESCRIPTION		ALTERATION AND MINERALIZATION	POSITION OF EXAMINED CORE SAMPLES	ASSAY RESULTS							CORE RECOVERY (%)	SCALE (m)	
			GEOLOGY	MINERALIZATION			Sample No.	Depth (m)	Width (m)	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)			Zn (ppm)
300			sandstone with weak laminated str.	Chloritization zone -301.4 Fissure with chl (∠80°) -304-305 py diss >3% -305-306 py diss 3%-5% -306.1-306.4 py diss 3%	Ag Si Cl K Fe	301.5X	301A	301-304	3	0.16	1	25.3	<2	78.8	<1	
		306.4	-305-306.4 Greenish dark grey Intrusive contact (∠70°) Light grey diorite porphyry with tour. Spots (1-3%)	Intrusive contact (∠70°) Intense silicification+pyritization+carbonatization zone -py diss >5% -Low angle cc vein -Many high angle fissures		307.4P 309.6P 311.2X 313.0T	304-A	304-306.4	2.4	0.23	0.7	110	7	67.2	6	
							306-AM	306-306.2	0.2	0.19	1.6	73.3	3	123	1	
							307.4-AM	307.4-307.6	0.2	0.26	1.2	81.1	12	40.2	3	
							306.4-A	306.4-309	2.6	0.26	1.3	81.7	8	40.3	<1	
							309.25-AM	309.25-309.4	0.15	0.29	1.3	170	20	35.6	3	
							309-A	309-312	3	0.23	1.1	78.8	6	36.7	1	
							312-AM	312-312.2	0.2	0.11	0.8	42.9	11	67.2	2	
							314-AM	314-314.2	0.2	0.23	0.8	64.7	3	40.6	2	
							312-A	312-315.7	3.7	0.28	1.2	49.5	3	40.4	1	
		315.7					315.7-A	315.7-319	3.3	0.08	0.5	94	2	95.1	<1	
							318-AM	318-318.2	0.2	0.07	0.8	102	<2	69.2	4	
							319-A	319-322	3	0.04	0.4	40.7	4	75.9	<1	
							322-A	322-325	3	0.03	0.7	71.4	2	45.3	<1	
							325-A	325-328	3	0.11	0.5	183	<2	37.7	2	
							328-A	328-331	3	0.07	0.5	75.8	5	38.1	1	
							331-AM	331-331.2	0.2	0.20	1.4	1700	30	55.8	7	
							331-A	331-334	3	0.16	1.1	285	29	77.5	<1	
							334-A	334-337	3	0.05	0.6	34.6	<2	81.6	<1	
							337-A	337-340	3	0.02	0.5	6.9	4	58.4	<1	
							340-A	340-343	3	0.05	0.7	43.5	<2	51.4	1	
							343-A	343-346	3	0.06	0.8	20.5	<2	51.3	2	
							346-A	346-350	4	0.19	1.1	82.6	13	48.7	<1	
320			Black grey meta-sandstone with laminated str.	Weak alteration & mineralization zone -321.2 Fissure with chl (∠60°) -321.2 Fissure with chl +cc												
330				-329.4 Fissure with cc (∠80°) -331.5 Epi+chl vein (w=0.5cm, ∠80°)												
340				-336.3 Cc vein (∠80°) -338.9 Epi band (w=1cm, ∠10°) -340.7 Epi band (w=2cm, ∠20°)												
350																

Appendix 2 Log of the Drill Hole "MJTA-2" (1/4)

MJTA-2(1)

Location : Zaiturbulak area
(Central Zaiturbulak zone)

Altitude : 479.0m

Direction : —

Angle : -90°

Depth : 350m

SCALE (m)	GEOLOGIC COLUMN	DEPTH AND CORE ANGLE (°) (m)	DESCRIPTION		POSITION OF EXAMINED CORE SAMPLES	ASSAY RESULTS						CORE RECOVERY (%)	SCALE (m)	
			GEOLOGY	MINERALIZATION		Sample No.	Depth (m)	Width (m)	Au (g/t)	Ag (g/t)	Cu (ppm)			Pb (ppm)
0				Rock fragments										
10		2.0-5.0		3.1m basic inclusion, porphyritic		4.5m chl vein 0.5mm thick 4.9-5.0m strongly chloritized 5.5m reddish brown limonite disseminated								
		5.0-8.0		6.5m basic inclusion, porphyritic		weakly chloritized								
		8.0-11.0		pinkish white granodiorite Ho, Bi, Oz, Kf, pl, Basic inclusion including		10.3m epi+chl 1-2mm								
		11.0-14.0		12.5m Boundary unclear granodiorite	14.0X	13.5-14.2m Oz vein 85° 1cm thick with py+chpy spot and disseminated chpy oxidized in part 1.3cm 15.0m py+chpy spot 2cm 15.5m chl+Oz vein 1-2mm 80° 16.5-16.6m Oz+chl+epi vein 40-45° weakly chloritized								
		17.0		17m Boundary unclear pinkish white granodiorite		20-20.6m chl+Oz+epi vein 87° 1cm 21.9-23.9m 80-90° chl+Oz vein 90-80° 1-2mm thick								
		21.44T		pinkish white granodiorite chl+Oz vein or veinlet, irregular epi		25.5, 26.0m Oz vein 2-3mm thick 26.7-27.5m irregular Oz vein with py disseminated 28.1m irregular Oz vein py disseminated 28.9m Oz vein 5mm thick								
		26.7		26.7-29.7m weakly sheared pinkish white to dark greenish irregular Oz vein veinlet including	28.0P	31.3 very fine grained py disseminated 32.0m Oz+py vein 1mm thick, 32.5m chl+Oz vein 1-2mm thick 33.5-34m Oz+chl vein 1mm thick								
		29.7		29.3-29.7m dark green part 80°		35.0-37.0m fine grain granodiorite Kpl, Oz, pl, Ho, 36.7-37.0m leucocratic 90% Kf pinkish white granodiorite								
		35.5		35.0-37.0m fine grain granodiorite		39.8m chl+Oz vein 1mm thick 40.3m chl+Oz vein 0.5mm thick 41.0m chl+py vein 0.5mm thick 41.3m py vein 1-2mm thick discontinuous								
		42.0		42.0-42.8m pinkish white granodiorite equigranular		42.3m py vein 1-2mm thick 43.0-43.9m Oz+chl veinlet network 0.5mm thick								
		44.2		44.2-48.8m melanocratic granodiorite pink Kf, tech >80% fine		44.2m py vein 1-2mm thick 85° 44.3-45.1m chl+py vein 85° 46.1m py+chl vein 1mm thick, 46.8m irregular chl vein 0.5mm thick 48.5m py+Oz vein								
		48.8		48.8-54.1m pinkish white granodiorite		49.7m Oz vein 80° 2mm thick 51.2m py disseminated 52.5m chl+Oz vein 80° 53.2-53.4m Oz+py+chl vein py disseminated 54.1m Oz vein 80° 2-1cm thick 54.5m py+chl vein 80° 5mm thick 55.1m chl vein 0.1mm thick 70° 56.4m py+chpy disseminated, 56.5m epi 57.1m py+chl+Oz vein 70°, 58.5m chl+Oz vein 80°, 58.8m chl+py vein 80° 2mm thick								
		61.6		61.6-62.5m basic inclusion, fine grain		61.6-62.5m py+chpy 50% 2-10cm margin of vein black smoky Oz, strongly chloritized zone								
		62.5		62.5-72.7m pinkish white granodiorite		63.0m Oz+chl vein 0.5mm thick 87° 67.0m py+chl vein 50° 1mm thick 69.5-70m chl+epi alteration zone								
		73.1		73.1-75.3m greenish grey granodiorite porphyry?		71.4m py+chpy disseminated 72.8m py+disseminated, fine grain, py pegmatite (1.5m) 73.2m Oz+py vein 2mm thick 73.5m Oz+py vein 8mm thick								
		75.3		75.3-81.5m pinkish white granodiorite		75.3m py+chl vein 3mm thick 76.0m py disseminated 77.4m Cu+Oz vein 4mm thick 77.9m Epi vein 0.2mm thick 79.1-79.5m chl+Oz vein 0.5mm thick py disseminated 79.7m chl+epi vein 0.5-2mm thick 80.2m Epi+py spot 81.4m chl+Oz vein 0.2mm thick 82.9m chl+py vein 80° 1-2mm thick 83.4m py disseminated 83.9m chl+py disseminated 84.5m py+chpy disseminated 86.0P 86.2-86.3m chl+py+epi disseminated 86.2m microthentic spot								
		84.5		84.5-87.7m green granodiorite porphyry?		87.0-87.7m py disseminated 89.0m py+chl vein 2-3mm thick 90.1m Oz vein 9mm thick 90.5m py vein 1mm thick 90.7m py chpy disseminated 92.5m py+chpy+epi vein 2mm thick 93.7m epi spot 94.3m py disseminated, epi+chl 96.3m Oz+epi vein drusy epi 8-9mm								
		87.50		87.5-90.0m pinkish white granodiorite equigranular, Bi, Ho, Kpl, pl, Oz, 3-4		98.0-98.2m chl+py vein 875-80°								

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

MJTA-2 (2)

Location :

Direction :

Angle :

Depth :

SCALE (m)	GEOLOGIC COLUMN	DEPTH AND CORE ANGLE (°)	DESCRIPTION		POSITION OF EXAMINED CORE SAMPLES	ASSAY RESULTS						CORE RECOVERY (%)	SCALE (m)		
			GEOLOGY	MINERALIZATION		Sample No.	Depth (m)	Width (m)	Au (g/t)	Ag (g/t)	Cu (ppm)			Pb (ppm)	Zn (ppm)
100				100.3m psid vein 2-3mm thick 101.5m chl vein 0.2mm thick 103.4m chl vein 1mm thick 104.2m chl vein 1mm thick 104.5m chl vein 0.5mm thick 104.8m Qz vein 5mm thick 105.1m py vein 0.5mm thick 105.8m chl vein 1mm thick		99-A	99.0-102	3	0.02	0.5	32.5	3	32	3	
				103.4m chl vein 1mm thick 104.2m chl vein 1mm thick 104.5m chl vein 0.5mm thick 104.8m Qz vein 5mm thick 105.1m py vein 0.5mm thick 105.8m chl vein 1mm thick		102-A	102-105	3	<0.01	0.4	32.7	6	25.8	5	
				108.0m basic inclusion 30m 108.5m chl vein 0.5mm thick 108.8m chl vein 1mm thick 109.9m Qz vein 5mm thick 111.0m chl vein 0.5mm thick 111.5m chl vein 1mm thick 112.0m chl vein 1mm thick 113.0m chl vein 1mm thick		105-A	105-108	3	0.01	0.3	20.8	2	25.4	2	
110		107.2 107.5		108.0m basic inclusion 30m 108.5m chl vein 0.5mm thick 108.8m chl vein 1mm thick 109.9m Qz vein 5mm thick 111.0m chl vein 0.5mm thick 111.5m chl vein 1mm thick 112.0m chl vein 1mm thick 113.0m chl vein 1mm thick		108-A	108-111	0.2	8.28	10.7	>30000	34	87.4	66	
				116.0-116.3m green granodiorite porphyry? Prophyritic granodiorite		114-A	114-117	3	<0.01	0.8	44.9	3	44.4	4	
				119.7m basic inclusion 4cm		117-A	117-120	3	<0.01	0.3	26.8	6	26.9	5	
120		120.2		118.8m chl vein 0.5mm thick 120.8m Qz-chl-chl vein 8-9mm thick, chpy disse. 121.6m Qz vein 1mm thick with py 122.4m Qz vein 2mm thick 123.5m Chl vein 1.5mm thick 124.3m Qz vein 2mm thick 125.0m chl vein 0.5mm thick 127.3m Qz-chl vein 1.5mm thick 128.0m py disse. 128.1m chl vein 0.5mm thick 128.6m Qz vein 5mm thick	120-AP	120-A	120-123	3	7.08	2.6	4770	20	58	29	
				129.6m Qz vein 5-7mm thick 131.9m chl vein 1mm thick 133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		122-A	122-123	3	7.08	2.6	4770	20	58	29	
				129.6m Qz vein 5-7mm thick 131.9m chl vein 1mm thick 133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		123-A	123-126	0.2	7.01	3.2	8130	8	76.5	17	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		126-A	126-129	3	0.21	0.7	339	3	51.7	6	
				144.2m Qz vein 1mm thick 145.5m reddish Qz vein 2cm thick with chpy 146.0m py disse. 2cm thick 146.5m py disse. 148.9-149.0m chl vein	127-AP	127-A	127-130	0.2	0.13	<0.2	122	10	41.2	61	
130		129.4		129.6m Qz vein 5-7mm thick 131.9m chl vein 1mm thick 133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick	131-8P	129-A	129-132	3	0.01	<0.2	41.9	<2	38.3	3	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		131-8-AM	131.8-132	0.2	0.78	0.6	2930	<2	43.2	28	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		132-A	132-135	3	0.18	<0.2	480	<2	26.3	8	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		135-A	135-138	3	0.26	<0.2	41	4	25.1	4	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		138-A	138-141	3	<0.01	<0.2	34.2	<2	23.5	5	
140		143.4		133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		141-A	141-144	3	0.01	<0.2	17.9	4	35.6	3	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		144-A	144-147	3	0.02	0.2	94.5	<2	52.4	3	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		145-7-AM	145.7-145.9	0.2	5.44	2.4	554	94	44.4	203	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		147-A	147-150	3	0.04	<0.2	68.2	<2	26	2	
150		146.9		133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick	145-7P	150-A	150-153	3	0.02	<0.2	65.7	<2	32	3	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		153-AM	153-153.2	0.2	0.96	<0.2	994	<2	22.9	107	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		153-A	153-156	3	0.32	<0.2	765	3	27.2	39	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		156-A	156-159	3	0.04	<0.2	54.8	<2	35.6	3	
150		162.9		133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		159-A	159-162	3	0.04	<0.2	88.9	<2	20.4	6	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		162-A	162-165	3	0.02	<0.2	32.3	2	28.5	5	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		165-A	165-168	3	0.16	<0.2	93.8	<2	20.4	8	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		168-A	168-169	1	0.27	<0.2	772	4	32.3	38	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		169-7-AM	169.7-167.9	0.2	2.42	3.7	10190	6	46.9	168	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		169-A	169-171	1	5.48	5	12200	16	50.8	224	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		171-A	171-174	2	0.02	0.4	110	3	20.3	7	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		174-A	174-177	3	0.01	0.6	36.8	6	19.3	4	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		177-A	177-180	3	<0.01	0.5	23.9	<2	17.5	5	
190		185.9		133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick	185-9P	180-A	180-183	3	<0.01	0.7	47	5	37.3	3	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		183-A	183-186	3	<0.01	0.7	102	2	31.5	2	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		185-9-AM	185.9-186.1	0.2	1.11	0.8	972	<2	29.6	8	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		186-A	186-187	1	1.07	1.2	3820	8	32.1	6	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		187-A	187-189	2	5.28	2.6	5570	12	36.1	6	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		189-A	189-192	3	2.61	1.2	1600	14	35.6	10	
190		191.9		133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick	191-9P	191-9-AM	191.9-192.1	0.2	0.01	0.6	49.1	4	44	<1	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		192-A	192-1195	3	0.04	0.4	156	2	37.4	1	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		195-A	195-198	3	<0.01	0.4	27.2	4	38.6	3	
				133.9m chl vein 1mm thick 135.8-136.1m chl vein 1mm thick 137.0m chl vein 1-2mm thick 138.0m chl vein 1-2mm thick 139.3m chl vein 1mm thick 141.3m chl vein 0.5mm thick 143.5m Qz vein 6-7mm thick		198-A	198-201	3	<0.01	0.4	28.2	6	22.9	2	

MJTA-2(3)

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

Location :

Direction :

Angle :

Depth :

SCALE (m)	GEOLOGIC COLUMN	DEPTH AND CORE ANGLE (°) (m)	DESCRIPTION		POSITION OF EXAMINED CORE SAMPLES	ASSAY RESULTS						CORE RECOVERY (%)	SCALE (m)	
			GEOLOGY	MINERALIZATION		Sample No.	Depth (m)	Width (cm)	Au (g/t)	Ag (g/t)	Cu (ppm)			Pb (ppm)
200	+	200.5-200.7	302.8m basic inclusion fine grain equigranular	201.5m chl vein 0.5mm thick 202.9~204.4m chl vein 1~3mm thick	200.5-AM 201-A	200.5-200.7	0.2	0.01	0.5	40.8	7	18.1	2	200
						201-204	3	<0.01	0.7	29.8	6	21.2	4	
						204-207	3	0.01	0.6	53.4	4	31.7	4	
						207-210	3	0.01	<0.2	13.5	6	28.7	3	
210	+	210.5	light gray granodiorite gradual change of rock phase	212.2m Qtz-py-chl vein 3mm thick 213.0~214.2m py Qtz vein 1~2mm 214.0m chl epi spot 15m, 214.4m chl-epi vein 1mm thick 215.1m epi vein 1~2mm thick 217.4m py spot 9m 218.5~219.0m chl vein 0.2mm thick 219.3m epi vein 2mm thick 219.5~220.2m chl vein 0.5mm thick 220.4m chl vein 0.2mm thick	210-A	210-216	6	0.01	0.2	25.2	8	26.3	3	210
						216-A	3	0.01	0.2	31.1	8	21.1	12	
						219-A	3	0.01	0.5	21.6	8	29.9	4	
						222-A	3	0.01	0.7	55.3	8	20.6	5	
220	+	220.5	225.8m gradual change of rock phase light gray granodiorite 3~5mm Bt, Ho, Kf, pl, Qtz	222.8m Qtz-chl-epi vein 2~5mm thick 223.4, 223.6m chl vein 0.5mm thick 224.0m chl vein 0.5mm thick 225.5m chl vein 1mm thick 227.3m py dissemin 227.7m chl vein 0.5mm thick 228.0m chl vein 0.5mm thick 228.4m epi Qtz vein 3mm thick 230.0m chl vein 2~3mm thick	225-A	225-228	3	0.01	0.6	30.4	7	16.5	4	220
						228-A	3	0.01	0.8	21.5	5	19.2	4	
						231-A	3	0.01	0.5	40.8	10	19.6	3	
						234-A	3	0.03	<0.2	45.9	2	15	4	
230	+	230.5	228.8 basic inclusion patch 1.5cm, fine grain, equigranular	231.1m basic inclusion patch, 3cm, fine grain, equigranular 232.5m basic inclusion patch 3m 233.5m basic inclusion patch 3m	237-A	237-240	3	<0.01	<0.2	18.7	<2	22.9	1	230
						240-A	3	0.01	<0.2	21	<2	12.7	4	
						243-A	3	0.01	<0.2	27.6	3	13.1	2	
						247-AM/247-247.2	0.2	0.01	<0.2	24.2	<2	31	4	
240	+	240.0	gradual change of rock phase pinkish white granhorite Bt, Ho, Kf, pl, Qtz, 3~4mm, equigranular	242.2m py dissemin, 243.2m Qtz vein 8mm thick 3m epi chl dissemin 244.3~245.7m chl vein 0.5~1mm thick 246.1~247.1m chl vein 1~2mm thick with very fine py or chpy? 248.0m py dissemin, 248.5~249.5m chl-epi 2mm thick vein 248.5~251.0m chl-epi network veinlet, 250.7~251.0m py dissemin 251.5m chl-epi vein 0.5mm thick 252.2m chl-epi vein 0.5mm thick 252.8m chl vein 0.5mm thick	247-AM/247-247.2 246-A	246-249	3	0.01	<0.2	16.9	<2	31.9	2	240
						249-A	3	0.01	<0.2	5.9	<2	33.4	4	
						252-A	3	0.01	<0.2	57.1	<2	23.5	3	
						255-A	3	0.01	<0.2	16	3	18.3	3	
250	+	250.0	255.2m dark inclusion patch 2cm Ho, Kf, equigranular	254.5m chl-epi Cat vein 1mm thick 255.4m chl vein 0.5mm thick, 256.0m chl vein 0.5mm thick 256.7m py dissemin, 257.5m, chl vein 0.5mm thick 257.5m chl vein 0.5mm thick 258.5m chl vein 0.5mm thick 259.3m chl vein 0.5mm thick 259.7m Qtz-epi vein 5mm thick 260.0m chl vein 1mm thick 261.0m chl vein 0.5mm thick	249-A	249-252	3	0.01	<0.2	5.9	<2	33.4	4	250
						252-A	3	0.01	<0.2	57.1	<2	23.5	3	
						255-A	3	0.01	<0.2	16	3	18.3	3	
						258-A	3	0.01	<0.2	14.9	4	15.1	2	
260	+	260.0	258.6m basic inclusion patch 4cm, fine grain, Ho epi-chl	264.2m chl vein 0.5mm thick	261-A	261-264	3	0.02	<0.2	19.3	6	43.4	<1	260
						264-A	3	0.03	<0.2	11.6	4	12.7	2	
						267-A	3	0.01	<0.2	20.7	4	16.1	1	
						270-A	3	0.03	<0.2	35.4	3	25.1	3	
270	+	270.0	267.9m basic inclusion 5cm patch porphyritic 269.4m basic inclusion 3cm patch 270.0m basic inclusion 4cm patch	268.0m chl vein 0.5mm thick 268.5m chl vein 0.5mm thick 269.0m chl vein 0.5mm thick 269.7m chl vein 0.5mm thick 270.7m chl vein 1.5mm thick 271.1m chl vein 0.5mm thick 271.4m chl vein 0.5mm thick 272.0m chl vein 0.5mm thick, 2 veins 272.8~273.3m chl vein 0.5mm thick 274.2m chl vein 0.5mm thick	267-A	267-270	3	0.01	<0.2	20.7	4	16.1	1	270
						270-A	3	0.03	<0.2	35.4	3	25.1	3	
						273-A	3	0.04	<0.2	23.8	4	16.8	1	
						276-A	3	<0.01	<0.2	17.6	3	20	2	
280	+	280.0	279.8m basic inclusion 4cm patch light pink granodiorite	277.3m chl vein 0.5mm thick, 2 veins 278.0m chl-epi vein 0.5mm thick 278.7m epi vein 1mm thick 280.4m chl vein 0.5mm thick 281.5~283.0m chl Qtz vein 2mm 283.0m Qtz-chl-epi vein 2cm thick 284.5~285.5m chl-epi vein 1~2cm 285.8m epi Qtz vein 8~9m thick	279-A	279-282	3	0.01	<0.2	10.4	4	18.6	3	280
						282-A	3	0.07	<0.2	82.3	<2	39.9	6	
						283-A	3	0.04	<0.2	32.7	<2	54.2	12	
						285-A	3	0.01	<0.2	19.3	<2	47.4	5	
290	+	290.0	greenish green granodiorite porphyry? Or porphyritic granodiorite	287.0m chl vein 0.5mm thick 287.2m chl vein 0.5mm thick 288.0m chl vein 0.5mm thick 289.0m chl vein 0.5mm thick 290.0m chl vein 0.5mm thick 291.0~291.0m chl vein 0.5mm thick 292.0m chl vein 0.5mm thick 292.9m chl vein 0.5mm thick 293.7m chl vein 1mm thick 294.8m chl-epi-epi vein 0.5mm thick 295.6~295.9m Qtz chl vein 0.5~2mm thick, 4 veins	283-AM/283.9-284.1 283-A	283-AM/283.9-284.1	0.2	0.07	<0.2	50.5	8	80.1	8	290
						285-A	3	0.01	<0.2	19.3	<2	47.4	5	
						288-A	3	0.01	<0.2	25.4	<2	22.9	8	
						291-A	3	0.02	<0.2	37.8	3	28.4	3	
300	+	300.0	293.8m basic inclusion 4cm patch porphyritic	295.6m Qtz vein 1mm thick 297.0~298.1m chl Qtz-chl-epi py 1~2mm thick, 4 veins 298.6~299.4m chl-epi-epi-epi? vein 1~2mm thick, 3 veins 299.8m epi spot 299.9~300.0m Qtz vein 1~2mm thick	297-A	297-300	3	0.02	<0.2	103	<2	42.1	2	300
						298-AM/298.9-299.1	0.2	0.02	<0.2	334	<2	44.6	3	

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

MJTA-2(4)

Location :

Direction :

Angle :

Depth :

SCALE (m)	GEOLOGIC COLUMN	DEPTH AND CORE ANGLE (m)	DESCRIPTION		POSITION OF EXAMINED CORE SAMPLES	ASSAY RESULTS							CORE RECOVERY (%)	SCALE (m)	
			GEOLOGY	MINERALIZATION		Depth (m)	Width (m)	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)			Mo (ppm)
300			fine grain, equigranular 301.0m basic inclusion 4cm patch 302.3m basic inclusion 5cm patch 302.3m basic inclusion 5cm patch	301.7m chl vein 0.5mm thick 302.4m Qtz-chl vein 1mm thick 303.6~304.1m chl-epi vein 1mm 304.5m epi-chl vein 2~3mm thick, 4 veins 305.0~305.3m chl vein 0.5mm thick 2 veins 306.3m chl vein 0.2mm thick 307.6m chl vein 0.2mm thick 307.7m epi vein 0.2mm thick 309.4~310.1m chl-epi vein 1mm thick, 2 veins 310.7m epi-chl vein 8~9mm 311.0m Qtz vein 4mm thick, chl-epi 7cm dissem. 311.5m chl vein 0.5mm thick 312.2m epi-chl vein 2~3mm thick 313.5m chl vein network vein Qtz spot, 1~3mm thick 313.7m chl-Qtz vein network 1~ 2mm thick, 7 veins 314.4m chl vein 0.5mm thick 315.0~315.5m chl vein 0.5mm thick 316.5~316.7m chl vein 0.5mm thick, 2 veins 317.0~317.5m chl vein 0.5mm thick 317.5m chl vein 0.5mm thick, 3 veins 318.5m chl vein 0.5mm thick 318.5m chl vein 0.5mm thick 318.9m Qtz-chl vein 1~2mm thick 5cm epi-chl dissem. 319.5m chl-epi vein 0.5mm thick, 2 320.2~321.1m Qtz-chl-epi-vein 1~5mm thick 321.9m chl-epi veins, 1~2mm thick 323.0m chl vein 0.5mm thick 324.3m py dissem, epa spot 324.7~325.4m Qtz-chl-epi veins boundary unclear 1~1.5mm thick 326.4m chl vein 0.5mm thick 327.7m epi-chl vein 1~2mm thick 328.5m chl vein 0.5mm thick 329.2m chl vein 0.5mm thick 330.5m chl vein 0.2mm thick 331.0m chl vein 0.2mm thick 332.9m chl vein 0.2mm thick 333.0m chl vein 0.5mm thick 334.2m chl dissem. Zone 10 cm 334.8m Qtz-chl vein 7mm thick chl-epi dissem. 7cm 835.0m chl vein 0.5mm thick 835.8m chl vein 0.5mm thick 837.5m Qtz-chl vein 2mm thick, py dissem.	304.3X	300-303	3	0.01	<0.2	29.7	<2	26.2	1		300
310			904.7m basic inclusion patch 2cm fine grain, equigranular 307.2m basic inclusion patch 5cm			303-306	3	<0.01	<0.2	16.1	<2	38.7	3		310
320			313.2m basic inclusion 4cm patch fine grain, equigranular			309-312	3	<0.01	<0.2	13.4	12	38.8	2		320
		320.4	fine grain, equigranular			318-320	2	0.02	<0.2	83.8	<2	37.3	3		320
		321.4	greenish gray granodiorite porphyry? or normyritic Granodiorite			320-321	1	0.80	7.5	102	231	62.9	52		320
		324.3	light pink granodiorite			320.8-321	0.2	2.19	23.2	337	903	106	122		320
		326.5	greenish gray granodiorite porphyry/ or porphyritic granodiorite strongly chloritized			321-324	3	0.02	<0.2	48.2	4	55.5	3		320
330			light pink granodiorite rich part 330.2m basic inclusion 4cm patch porphyritic 332.4m basic inclusion 4cm patch		330T	324-325	1	0.03	<0.2	208	29	25.6	3		330
		329.5	330.2m basic inclusion 4cm patch porphyritic			324.9-AM	0.2	0.04	<0.2	638	59	35.8	2		330
		326.5	332.4m basic inclusion 4cm patch			325-327	2	0.02	0.6	196	15	29.9	3		330
		329.5	332.4m basic inclusion 4cm patch			327-330	3	0.01	<0.2	17.7	3	20.9	2		330
340			335.75~335.9m basic inclusion very fine grain porphyritic			330-333	3	0.02	<0.2	43.3	6	18.2	3		340
		337.5	335.75~335.9m basic inclusion very fine grain porphyritic			333-336	3	0.01	<0.2	39.1	3	32.4	3		340
		340.4	340.4m dark inclusion 1cm patch			336-339	3	0.01	<0.2	41.4	<2	33.5	2		340
		340.4	340.4m dark inclusion 1cm patch			339-342	3	0.02	<0.2	19.2	<2	18	3		340
		340.4	340.4m dark inclusion 1cm patch			342-345	3	<0.01	<0.2	14.8	3	32.5	3		340
		340.4	340.4m dark inclusion 1cm patch			345-348	3	0.01	<0.2	22.7	12	22.8	4		340
350			348.5m chl vein 0.5mm thick, 2 veins 349.5m chl vein 0.5mm thick, 3 veins			348-350	2	0.01	<0.2	28.5	4	19.2	5		350

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicification	Algaliza	Chloritiza	Epidotiza	Examined Sample	Assay interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
			0.0-6.2m: yellowish brown, surface soil	-	-	-	-	-								
		6.2	6.2-7.7m: boulders of diorite porphyry, dark gray colored. ϕ 5-10cm, strongly weathered	-	-	-	-	-								
		7.7	7.7-17.8m: brownish dark gray, weathered diorite porphyry, containing plagioclase phenocrysts (1-2mm) groundmass = plagioclase >> biotite > minor quartz biotite is replaced by chlorite fractures are filled with Fe-oxide minerals, with weak dissemination of Fe-oxides traces of disseminated pyrite are found	-	-	-	-	-								
				0	0	1	0	0	62-90	70	0.4	53.0	17.3	45.0	10.0	
				1	0	0	1	0	90-110	30	0.2	53.5	8.4	36.0	6.0	
			17.8-32.0m: dark gray diorite porphyry, with a lot of plagioclase phenocrysts phenocrysts: groundmass = 7:3 to 6:4 most of mafic minerals of groundmass are replaced by chlorite, minor epidote (veinlets & patches) are found with weak dissemination of pyrite, with minor veinlets of pyrite, total amount of pyrite = 1-2%	1	0	0	1	0	110-130	30	0.2	45.5	7.5	31.0	8.0	
				1	0	0	1	0	130-150	20	0.5	132.5	9.1	31.0	11.0	
				1	0	0	1	0	150-170	70	0.3	98.5	9.0	39.0	20.0	
		17.8	32.0-33.9m: weakly chloritized diorite porphyry, with pyrite dissemination, with pyrite veinlets, 20cm interval with epidote veinlets, with minor veinlets of pink feldspar	1	0	0	1	0	170-190	100	0.2	157.0	6.9	26.5	28.0	
				1	0	0	2	1	190-210	140	0.1	39.5	4.6	25.5	3.0	
			33.9-44.4m: dark gray diorite porphyry, containing plagioclase phenocrysts (2-5mm, 60%) groundmass is weakly silicified, weakly chloritized, & weakly epidotized with pyrite dissemination, total amounts of pyrite = 1-3%	1	0	0	2	1	210-230	60	<0.10	16.0	8.2	33.5	16.0	
			36.7m: quartz vein, \angle 40deg., w=4cm	1	0	0	2	1	230-250	30	0.1	9.5	10.8	44.0	9.0	
			38.2m: pyrite + chalcopyrite stringer, \angle 75deg., w=1mm	1	0	0	2	1	250-270	30	0.2	21.0	10.7	44.0	3.0	
			38.7m-39.0m: quartz + pyrite + chlorite vein, \angle 40-55deg., w=0.5-3cm	1	0	0	2	1	270-290	30	0.2	22.5	12.8	51.5	7.0	
			39.0-44.4m: quartz + pyrite veinlets, pyrite veinlets, pink calcite veinlets, epidote veinlets, \angle 60-65deg., 10cm to 20cm interval	1	0	0	2	1	290-310	40	0.2	86.0	7.1	39.0	11.0	
		32.0	44.4-45.6m: strongly silicified rock, with weak chloritization, with weak epidotization total amounts of disseminated pyrite = 1%	2	0	0	2	1	310-330	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., w=1-2mm), total amount of disseminated pyrite is less than 1%	3	0	0	3	1	330-350	30	<0.10	43.5	8.5	33.5	4.0	
				1	2	1	2	1								
			46.1-50.0m: pink colored, medium grained granite, K-feldspar (4mm) > plagioclase (3mm), quartz (3mm) >> hornblende (1mm), biotite (2-3mm) no alteration with weak dissemination of pyrite, total amount of disseminated pyrite = less than 1%	1	2	1	2	1	350-380	20	0.2	20.0	8.2	33.0	3.0	
				1	2	1	3	0								
				3	2	1	2	0	380-410	40	0.2	178.5	7.9	34.0	23.0	
			50.0-55.1m: pink colored, medium grained granite, K-feldspar (4mm) > plagioclase (3mm), quartz (3mm) >> biotite (2-3mm), hornblende (3-4mm) weakly silicified & chloritized with weak dissemination of pyrite, total amount of disseminated pyrite = 0.5-2.0%	3	2	1	2	1	410-440	50	0.2	120.0	7.4	35.5	20.0	
		44.4	52.4m, 52.9m, 55.2-55.8m: chlorite veins, w=2cm-7cm, \angle 40-60deg.	1	1	1	2	1								
		45.6	53.1m, 54.4m: pyrite + quartz veins, w=3cm-4cm, \angle 45-55deg.	1	0	1	0	0	440-470	30	<0.10	70.0	7.2	38.0	7.0	
			52.0-55.1m: pyrite stringers, w=6mm, \angle 60-70deg., 3-10cm interval	1	0	1	0	0	470-500	30	0.2	186.0	7.1	12.5	10.0	
		50.0	55.1-57.0m: pink colored, medium grained granite weakly epidotized & chloritized with weak dissemination of pyrite, total amount of disseminated pyrite = less than 1%	1	0	0	1	0	500-530	60	0.5	210.0	8.1	11.0	19.0	
			55.2-55.8m: chlorite veins, w=2cm-7cm, \angle 40deg.	1	0	0	1	0	530-540	60	0.3	180.0	7.7	10.0	48.0	
		55.1	55.2-55.8m: quartz + pyrite veinlets, 5-3cm interval	1	0	0	1	0	540-550	30	0.2	107.5	23.0	8.5	44.0	
		57.0	56.4-57.0m: quartz stringers, w=3cm-4cm, \angle 45-55deg.	1	0	0	1	1	550-560	40	0.2	95.5	6.9	9.0	9.0	
		58.0	57.0-58.0m: pink colored, medium grained granite no alteration with weak dissemination of pyrite, total amount of disseminated pyrite = less than 1% with pyrite stringers, 30cm interval, \angle 40-70deg.	1	0	0	1	1	560-590	40	0.5	111.5	5.2	8.5	10.0	
				0	0	0	1	1								
				0	0	0	2	1	590-620	70	0.2	150.0	8.8	18.5	10.0	
				0	0	0	1	1								
			58.0-68.0m: pink colored, hornblende - biotite granite, medium grained, some plagioclase are replaced by epidote, some mafic minerals are replaced by chlorite total amount of disseminated pyrite = 0.5-1% pyrite stringers, 5-30cm interval, \angle 60-80deg. chlorite + (pyrite) veinlets, 10-50cm interval, \angle 40-80deg.	1	0	0	1	0	620-650	60	0.9	61.5	26.1	9.0	3.0	
			59.85m, 60.45m, 61.85m, 66.0m, 67.2-68.5m: quartz + pyrite veins, 45-75deg., w=0.5-3.5cm	1	0	0	2	1	650-680	20	0.2	413.0	8.6	13.0	3.0	
		68.0		0	0	0	1	0								

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Azulita	Chlorita	Epidotiza	Examined Sample	Assay Interval	Assay results						
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	
80	+	72.0	68.0-72.0m: hornblende - biotite granite, medium grained, some plagioclase are replaced by epidote, some mafic minerals are replaced by chlorite total amount of disseminated pyrite = less than 1% chlorite stringers, 10-50cm interval, $\angle 70-80\text{deg}$.	0	0	0	2	1	3-72.9 T	68.0 - 71.0	120	0.1	30.0	7.4	14.5	3.0	
		73.9		1	0	0	2	1		71.0 - 74.0	30	0.2	148.5	9.7	17.0	7.0	
		74.8		2	0	0	2	0		74.0 - 77.0	30	0.3	429.0	6.4	48.5	3.0	
		80	+	79.2	72.0-73.9m: hornblende - biotite granite, medium grained, some plagioclase are replaced by epidote, some mafic minerals are replaced by chlorite total amount of disseminated pyrite = 1% \pm pyrite stringers & chlorite stringers: 20-30cm interval, $\angle 60-90\text{deg}$. 72.9m: quartz + pyrite vein, w=1.5cm, $\angle 40\text{deg}$.	0	0	0	1	1	77.0 - 78.0	40	0.2	46.0	13.2	17.3	<2.0
				81.0		0	0	0	1	1	78.0 - 79.0	850	0.2	33.0	4.1	14.0	4.0
				81.0	73.9-74.8m: black, fine grained andesite, xenolith?, with pyrite patches ($>0.5-2\text{cm}$), strongly chloritized	0	0	0	1	1	79.0 - 80.0	210	<0.10	516.0	5.7	10.0	<2.0
						84.2	2	1	0	3	1	80.0 - 81.0	230	0.5	182.0	4.5	12.5
				81.0	74.8-79.2m: weakly chloritized & epidotized granite with quartz + pyrite veins, $\angle 40-50\text{deg}$, w=1-3cm, 10-100cm interval with chlorite & pyrite stringers, $\angle 70\text{deg}$, 20-30cm interval	0	1	0	2	1	81.0 - 84.0	430	0.2	83.0	2.9	13.5	<2.0
						87.5	0	0	0	1	1	84.0 - 87.0	140	0.1	117.5	7.4	15.0
				90	+	79.2-81.0m, 84.2-84.6m, 87.5-87.7m: strongly silicified rock, with pyrite dissemination (1-2%), with quartz + pyrite network mafic minerals change to chlorite, original rock texture is destroyed	0	0	0	1	1	87.0 - 90.0	60	0.1	115.0	5.1	10.0
81.0-84.2m, 84.6m-87.5m, 87.7-97.0m: pink colored granite, with minor veinlets of chlorite + (pyrite), 20cm to 100cm interval	0	0	0			1	1	90.0 - 93.0	50	0.2	97.0	5.2	16.5	<2.0			
97.0-103.7m: pink to reddish brown colored granite, mafic minerals are replaced by chlorite, some plagioclase to epidote with chlorite veinlets, 3-10cm interval, $\angle 40-60\text{deg}$, with pyrite stringers & sparse network, total amount of pyrite = 0.5% to 1.0%	0	0	0			1	1	93.0 - 96.0	70	0.2	66.0	4.1	19.0	28.0			
103.7	103.7-105.4m, 106.5-106.7m, 112.4-112.7m: strongly silicified rock, with quartz + pyrite veinlets (w=2-8mm), 3-5cm interval, $\angle 50-65\text{deg}$, total amounts of pyrite = 2%	1	0			0	3	1	96.0 - 99.0	40	0.1	39.5	3.5	17.5	<2.0		
		105.4	1			0	0	2	0	99.0 - 102.0	10	0.1	76.5	4.6	19.0	<2.0	
105.4	105.4-106.5m: fresh granite & weakly chloritized granite 108.2-108.7m: calcite veinlets, $\angle 90\text{deg}$. 109.0m: quartz stringers, $\angle 90\text{deg}$. 109.6m: chlorite + pyrite stringers, $\angle 60\text{deg}$. 110-110.3m: pyrite stringers, 3cm interval 112.4m: quartz vein with pyrite, w=2cm, $\angle 60\text{deg}$. 112.7-113.4m: pyrite stringers, 2-3cm interval 113.9-115.0m: quartz + pyrite stringer, $\angle 30-90\text{deg}$, 3-5cm interval	2	3			0	2	1	102.0 - 103.0	30	0.2	257.0	6.1	20.0	<2.0		
		106.5	2			3	0	2	2	103.0 - 104.0	50	0.9	352.0	91.6	22.0	3.0	
110	110-110.3m: pyrite stringers, 3cm interval 112.4m: quartz vein with pyrite, w=2cm, $\angle 60\text{deg}$. 112.7-113.4m: pyrite stringers, 2-3cm interval 113.9-115.0m: quartz + pyrite stringer, $\angle 30-90\text{deg}$, 3-5cm interval	0	1			0	1	0	104.0 - 105.0	30	0.2	105.5	6.0	26.0	7.0		
		112.4	0			1	0	1	0	105.0 - 108.0	150	0.1	63.0	6.5	19.0	<2.0	
120	+	114.5m: chlorite veinlets, $\angle 30\text{deg}$, w=2mm 115.0-121.7m: pyrite stringers, 10-30cm interval 119.1m: quartz veinlets 119.2-119.4m: fine grained rhyolite, dyke, $\angle 50\text{deg}$, w=13cm	0			1	0	0	0	108.0 - 111.0	20	0.2	99.5	7.0	22.5	<2.0	
		121.7-123.3m: strongly silicified rock, with chlorite network, with pyrite dissemination, with pyrite network	1	0	0	1	0	111.0 - 114.0	40	0.3	111.0	7.7	20.0	<2.0			
		123.3-126.3m: weakly silicified granite, with dense network of chlorite + pyrite + quartz, with stringers of pyrite + quartz, with chlorite veinlets 124.9-125.2m: weakly silicified, strongly chloritized, epidotized granite	0	0	0	1	0	114.0 - 117.0	50	0.2	99.5	7.4	20.0	<2.0			
		121.7	126.3-127.3m: strongly silicified granite, with dense network of chlorite, with pyrite dissemination, with quartz stringers ($\angle 80\text{deg}$), with minor veinlets of epidote ($\angle 30\text{deg}$)	0	0	0	1	0	117.0 - 120.0	10	0.1	102.5	6.4	17.5	<2.0		
				123.3	0	0	0	1	0	120.0 - 121.0	20	0.2	29.0	6.3	15.5	<2.0	
		123.3	127.3-140.0m: pink colored granite, with pink feldspar alteration bands, w=10-40cm, $\angle 10-25\text{deg}$, 30-50cm interval 129.0-131.4m: pyrite stringers, 5cm interval 129.0-131.4m: chlorite + epidote veinlets after the formation of pyrite stringers, 10cm interval 131.4-131.6m: white, strongly silicified zone 132.0-135.0m: pyrite + quartz veinlets (w=2-3mm, $\angle 75\text{deg}$, 20-30cm interval), chlorite veinlets (w=2mm, $\angle 30\text{deg}$, 20-30cm interval), chlorite + quartz + pyrite veinlets ($\angle 80\text{deg}$, 3-30cm interval)	2	3	0	3	2	121.0 - 122.0	50	0.2	136.0	4.8	18.5	<2.0		
				127.3	1	2	0	3	2	122.0 - 123.0	90	0.4	517.5	5.0	22.0	11.0	
		127.3	132.0-135.0m: strongly silicified zone 135.0-135.2m: strongly silicified zone 136.5-139.5m: chlorite + quartz + pyrite veinlets ($\angle 50-70\text{deg}$, 2-10cm interval)	0	1	0	2	0	123.0 - 126.0	70	0.4	545.0	4.8	21.5	<2.0		
				140.0	0	1	0	2	0	126.0 - 129.0	130	0.4	575.0	4.0	20.0	34.0	
		130	135.0-135.2m: strongly silicified zone 136.5-139.5m: chlorite + quartz + pyrite veinlets ($\angle 50-70\text{deg}$, 2-10cm interval)	0	0	0	1	1	129.0 - 132.0	50	0.1	80.5	4.8	18.5	<2.0		
139.5	0			1	0	2	1	132.0 - 135.0	40	0.1	98.5	0.7	21.0	<2.0			
130	137.5m: molybdenite in quartz + pyrite veinlets	0	1	0	1	0	135.0 - 138.0	30	0.2	117.5	11.5	22.5	12.0				
		140.0	2	0	0	2	1	138.0 - 140.0	30	0.2	117.5	11.5	22.5	12.0			

Appendix 3 Log of the Drill Hole "MJTA-3" (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	XXXXXX	152.3	140.0-152.3m: Light gray, biotite - hornblende granodiorite, plagioclase (2-4mm) > hornblende (2-4mm) > biotite (2-4mm) > K-feldspar (1mm) > quartz (1mm) alteration is very weak with minor veinlets of chlorite + (pyrite) + (quartz), 5-100cm interval, \angle 45-80deg.	0	0	0	1	1	3-158 6 PT	138.0 - 141.0	20	0.2	152.5	12.9	25.0	<2.0
			141.5m: aprite vein, cut by chlorite veinlets, w=6cm	0	0	0	0	0		141.0 - 144.0	20	0.2	135.5	10.6	34.0	<2.0
			141.5m: xenolith of diorite porphyry with pyrite dissemination (2-3%), ϕ 15cm	0	0	0	0	0	3-158 6 PT	144.0 - 147.0	30	0.4	415.0	16.1	33.5	<2.0
			147.2m: chlorite + quartz vein, w=4cm, \angle 45deg.	0	0	0	1	0		147.0 - 150.0	30	0.1	70.5	7.0	23.5	5.0
			152.3-162.0m: biotite - hornblende granodiorite, with weak chloritization & epidotization with pink feldspar + epidote alteration bands, w=2-3cm, 10-50cm interval	0	0	0	0	0	3-158 6 PT	150.0 - 153.0	30	0.2	91.5	7.1	26.5	2.0
			152.3m: aprite dyke, w=7cm, \angle 40deg.	1	0	0	1	0		153.0 - 156.0	40	0.2	127.5	5.8	26.0	<2.0
			153.0-158.5m: chlorite + (pyrite) + (quartz) veinlets, w=1-8mm, 2-10cm interval, \angle 60-90deg.	0	0	0	1	1	3-158 6 PT	156.0 - 159.0	70	0.3	355.0	8.9	28.5	<2.0
			158.5-159.0m: strongly chloritized shear zone, with dissemination of pyrite + chalcopyrite	1	0	0	1	1		159.0 - 162.0	40	0.2	162.5	8.1	37.5	<2.0
			162.0-165.0m: silicified granodiorite, with chlorite + pyrite veinlets, 10-20cm interval, \angle 50deg.	3	1	0	2	0	3-163 9 PTX	162.0 - 165.0	50	0.2	201.0	7.0	48.0	<2.0
			163.5-164.0m: chlorite network	0	0	0	1	0		165.0 - 170.7m: weakly silicified & chloritized granodiorite	0	2	0	2	1	
			164.0-164.2m: pink calcite network	0	0	0	1	1	3-164 8 P	162.0 - 165.0	50	0.2	201.0	7.0	48.0	<2.0
			164.8m: chalcopyrite in chlorite veinlets	0	0	0	1	1		165.0 - 166.4m: xenolith of hornfels, ϕ 30-50cm	0	1	0	2	0	
			162.6m, 164.0m: xenolith of hornfels	0	1	0	1	0	3-164 8 P	165.0 - 168.0	40	0.2	210.0	10.0	43.5	<2.0
			165.0-170.7m: weakly silicified & chloritized granodiorite	0	2	0	2	1		170.7-173.6m: strongly silicified rock, with chlorite network, original rock texture is destroyed	0	1	0	2	1	
165.5m: pyrite stringer, \angle 80deg.	0	2	0	2	1	3-172 5 X	170.7 - 171.0m: chlorite network	0	3	0	3	2				
167.5m: quartz + chlorite + pyrite veinlet, w=5mm, \angle 50deg.	0	1	0	2	0		171.0-173.6m: dense network of chlorite + epidote + quartz	0	3	0	3	2				
168.0-170.7m: chlorite stringers & pyrite stringers, & epidote veinlets, 30-40cm interval	0	0	0	1	0	3-174 4 P	173.0 - 174.0	50	0.2	306.5	4.4	26.0	<2.0			
170.7-173.6m: strongly silicified rock, with chlorite network, original rock texture is destroyed	0	1	0	2	1		174.0-179.1m: chloritized & partly silicified granodiorite	0	1	0	2	1				
171.0-173.6m: dense network of chlorite + epidote + quartz	0	3	0	3	2	3-174 4 P	174.0 - 177.0	110	0.7	523.5	7.0	29.5	39.0			
173.6-179.1m: chloritized & partly silicified granodiorite	0	1	0	2	1		177.0 - 180.0m: strongly silicified rock, with veinlets of chlorite + epidote, with minor veinlets of quartz (\angle 65deg.), original rock texture is destroyed mafic minerals are replaced by chlorite	0	0	0	0	0				
174.4m: quartz + chlorite + pyrite + (chalcopyrite) vein, \angle 50deg., w=1.5cm	0	1	0	2	1	3-174 4 P	180.0 - 183.0	20	0.2	111.5	7.1	26.0	<2.0			
174.0-178.0m: stringers of chlorite + epidote + (pyrite), 10-30cm interval	0	0	0	2	1		180.0-185.0m: weakly chloritized & epidotized granodiorite	0	1	0	1	1				
178.0-179.1m: stringers of chlorite, 10-50cm interval	0	0	0	2	1	3-174 4 P	183.0 - 186.0	10	0.2	141.5	7.5	40.5	<2.0			
179.1-180.0m: strongly silicified rock, with veinlets of chlorite + epidote, with minor veinlets of quartz (\angle 65deg.), original rock texture is destroyed mafic minerals are replaced by chlorite	1	3	0	3	1		186.0-187.0m: weakly silicified zone with pink feldspar bands	2	1	0	3	1				
180.0-185.0m: weakly chloritized & epidotized granodiorite	0	1	0	1	1	3-174 4 P	187.0 - 188.0	60	0.4	513.5	5.6	52.5	<2.0			
180.0-182.7m: chlorite + pyrite stringers, 30cm interval, \angle 60deg.	0	2	0	2	1		188.0 - 189.0	20	0.2	198.5	6.8	20.0	9.0			
182.7-183.5m: weakly silicified zone with pink feldspar bands	2	1	0	3	1	3-195 4 P	189.0 - 192.0	30	0.3	339.0	12.4	47.0	<2.0			
185.0-190.0m: silicified & chloritized granodiorite, with network of quartz + chlorite	1	2	0	3	1		192.0 - 195.0	40	0.4	475.5	8.2	41.5	2.0			
185.5-190.0m: strong chloritization, green rock, with chlorite network & pyrite stringers	0	1	0	2	0	3-195 4 P	195.0 - 196.0	170	0.9	571.5	16.9	50.0	18.0			
190.0-193.7m: weakly silicified & weakly chloritized granodiorite, with chlorite + pyrite stringers, 10-30cm interval, with pink feldspar bands, 50cm interval	0	1	0	2	0		196.0 - 197.0	100	0.4	329.5	8.2	48.5	16.0			
190.4-190.6m: network of epidote + chlorite	0	2	0	2	0	3-201 2 T	197.0 - 200.0	40	0.3	514.5	4.7	54.0	17.0			
190.6m: quartz + chlorite veinlet, w=8mm, \angle 60deg.	3	2	0	2	0		200.0 - 203.0	30	0.2	250.0	6.7	30.0	5.0			
193.7-200.3m: silicified & weakly chloritized granodiorite, with chlorite + pyrite stringers, 1-10cm interval	0	2	0	2	0	3-204 6 X	203.0 - 206.0	20	<0.10	240.0	9.8	47.0	7.0			
195.4m, 196.6-196.8m: chlorite + quartz + pyrite veins, w=5-7cm, \angle 50-60deg.	0	1	0	1	0		206.0 - 209.0	50	0.1	507.5	6.4	33.5	10.0			
193.7-195.7m, 196.5-197.0m, 199.6-200.3m: strongly silicified rock	1	2	0	2	0	3-204 6 X	209.0 - 212.8m: weakly chloritized & weakly epidotized granodiorite	0	0	0	1	1				
199.6m: quartz veinlet, w=3mm, \angle 60deg.	0	0	0	1	1		201.3m: epidote + quartz + chlorite vein, w=10cm	0	0	0	1	1				
200.3-212.8m: weakly chloritized & weakly epidotized granodiorite	0	0	0	1	1	3-204 6 X	201.0-204.0m: pink feldspar + epidote alteration zones, w=1-5cm, \angle 30-50deg., with anhydrite?	0	0	0	1	1				
201.3m: epidote + quartz + chlorite vein, w=10cm	0	0	0	1	1		204.0-204.6m: rhyolite dyke with chlorite veinlets	0	0	0	1	1				
201.0-204.0m: pink feldspar + epidote alteration zones, w=1-5cm, \angle 30-50deg., with anhydrite?	0	0	0	1	1	3-204 6 X	204.6-209.5m: chlorite + pyrite stringers, w=5-10cm, \angle 60-70deg.	0	0	0	1	1				
204.0-204.6m: rhyolite dyke with chlorite veinlets	0	0	0	1	1		208.0-209.0m: xenolith of hornblende diorite, ϕ 20cm	0	0	0	1	1				
204.6-209.5m: chlorite + pyrite stringers, w=5-10cm, \angle 60-70deg.	0	0	0	1	1		0	0	0	1	1					
208.0-209.0m: xenolith of hornblende diorite, ϕ 20cm	0	0	0	1	1		0	0	0	1	1					

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

Scale (m)	Column	Depth (m)	Description	Sulfation	Silicifica	Argillita	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results										
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)					
220	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	212.8	205.0-205.3m: pink feldspar + epidote alteration zones	0	0	0	1	1	3-233.1 TI	209.0 - 212.0	40	<0.10	416.0	6.1	28.0	10.0					
			209.0-210.0m: chlorite + epidote stringers, w=10-20cm	0	1	0	1	1		212.0 - 213.0	110	0.4	595.0	8.4	32.5	17.0					
			210.0-212.6m: stringers of chlorite + epidote & quartz + pyrite stringers, w=5-10cm	0	1	0	1	0		213.0 - 214.0	30	<0.10	287.0	7.4	23.5	11.0					
		230	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	215.9	212.8-215.9m: silicified & weakly chloritized granodiorite	0	1	0	2	1	3-233.1 TI	214.0 - 215.0	140	0.4	575.0	9.9	30.0	13.0			
					212.8-213.0m, 213.4-213.8m: strongly silicified granodiorite, with chlorite stringers	0	0	0	1	1		215.0 - 216.0	200	0.9	645.0	6.3	37.5	51.0			
					214.7-215.9m: dense network of chlorite, with weak dissemination of pyrite	0	0	0	1	1		216.0 - 219.0	20	0.1	173.5	6.9	26.0	25.0			
				215.9-232.9m: weakly chloritized granodiorite with chlorite + (pyrite) stringers, 30-50cm interval with epidote + pink feldspar + (chlorite) alteration bands, 50-100cm interval	0	0	0	1	1	219.0 - 222.0		<10	<0.10	210.0	5.9	27.0	29.0				
				218.3-218.5m: strongly silicified & chloritized zone with quartz + chlorite + epidote veinlets	0	0	0	1	1	222.0 - 225.0		10	1.5	140.0	7.6	25.5	18.0				
				227.7m: rhyolite dyke, w=15cm, apritic	0	0	0	1	1	225.0 - 228.0		10	0.2	81.5	8.6	28.5	11.0				
				230.4m, 231.4m: anhydrite? veinlets, w=3-7mm, ∠40-50deg	0	0	0	1	0												
				232.9-235.6m: strongly silicified, strongly chloritized rock, with dense network of chlorite + pyrite, with epidote stringers	0	0	0	1	1	228.0 - 231.0		10	<0.10	84.0	7.5	27.5	17.0				
				231.1m: quartz + pyrite + chlorite vein, w=5cm, ∠60deg.	0	0	0	1	1												
				231.0-231.3m: pyrite dissemination	0	1	0	1	1												
				240	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	232.9	235.6-238.5m: weakly silicified & chloritized granodiorite, with epidote veinlets, 50cm interval	3	3	0		3	2	3-233.1 TI	233.0 - 234.0	70	0.5	595.0	62.4	37.5	<2.0
							238.5-239.6m: strongly silicified zone, ∠60deg.	2	3	0		3	2		234.0 - 235.0	70	0.5	605.0	3.6	30.5	3.0
238.5	239.6-247.0m: dark gray to greenish dark gray, chloritized fine andesite, including a lot of phenocrysts of hornblende & biotite (> 1-2mm), with calcite veinlets	1	2			0	3	2	235.0 - 236.0	30	0.1	221.0	3.6		24.5	<2.0					
	247.0-250.0m: biotite - hornblende granodiorite, with minor veinlets of pyrite, with minor veinlets of chlorite, ∠70-80deg. with epidote + pinkfeldspar alteration bands, w=1cm, 15-30cm interval	1	1			0	2	2	236.0 - 238.0	30	0.5	473.0	5.5		27.5	<2.0					
250	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	239.6	247.0-250.0m: biotite - hornblende granodiorite, with minor veinlets of pyrite, with minor veinlets of chlorite, ∠70-80deg. with epidote + pinkfeldspar alteration bands, w=1cm, 15-30cm interval			0	1	0	1	1	238.0 - 239.0	20	0.3		340.0	6.6	26.0	<2.0			
						0	1	0	1	1	239.0 - 240.0	40	0.3		190.0	7.2	47.0	<2.0			
		247.0	240.0-242.0			10	0.1	35.5	6.8	52.5	<2.0										
			242.0-244.0			20	0.1	28.5	5.3	52.0	<2.0										
			244.0-247.0			30	0.1	62.0	4.6	50.5	<2.0										
			247.0-250.0			50	0.2	299.0	12.4	24.5	<2.0										
			250.0-251.0	50	0.2	299.0	12.4	24.5	<2.0												
			251.0-252.0	50	0.2	299.0	12.4	24.5	<2.0												

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

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)
		0.00-6.00m	surface soil, silty sand, secondary alluvial sediment, yellowish brown	-	-	-	-	-								
		6.00-15.0m	debris, pebbly soil, yellowish brown colored pebbles: strongly weathered fine grained rock, ϕ 1-3cm, ϕ max: 20cm	-	-	-	-	-		6.0-7.5	20	0.6	194.0	10.6	84.0	<2.0
				-	-	-	-	-		7.5-9.0	10	0.6	290.0	13.0	74.0	<2.0
				-	-	-	-	-		9.0-10.5	50	0.8	306.0	10.6	76.0	<2.0
				-	-	-	-	-		10.5-12.0	20	0.8	374.0	10.4	76.0	<2.0
				-	-	-	-	-		12.0-13.5	10	10.4	266.0	10.2	68.0	<2.0
				-	-	-	-	-		13.5-15.0	60	0.4	236.0	9.6	56.0	<2.0
				-	-	-	-	-		15.0-16.5	40	0.8	860.0	10.8	90.0	<2.0
				-	-	-	-	-		16.5-18.0	40	0.8	424.0	9.8	60.0	<2.0
		15.10-20.40m	weathered (oxide) zone, fractures rich, brown colored, stained by limonite - hematite, original rock texture is unclear	-	-	-	-	-		18.0-20.0	160	0.4	175.5	4.9	38.0	<2.0
		20.40-25.00m	dark gray to black, fine grained andesite with dense network of chlorite, chlorite + epidote, pyrite, pyrite + chlorite with stringers of quartz + pyrite, 1-2cm interval	-	-	-	-	-		20.0-22.0	10	0.4	362.0	9.6	54.0	50.0
				-	-	-	-	-		22.0-24.0	10	0.4	232.0	11.2	56.0	<2.0
				-	-	-	-	-		24.0-27.0	10	0.2	242.0	9.0	60.0	<2.0
		25.00-30.5m	dark gray, fine grained andesite, fracture rich fracture surface is stained by Fe-oxide, pyrite, pyrite + Fe-oxide, chlorite & quartz + pyrite interval of these fracture is 1-2cm transition zone between oxide zone and reduced zone	2	-	-	3	1		27.0-30.0	60	0.1	379.5	4.1	30.5	<2.0
				1	-	-	3	-		30.0-33.0	10	0.6	130.0	9.6	68.0	<2.0
				2	-	-	3	1		33.0-36.0	50	0.2	106.0	7.2	52.0	<2.0
				1	0	0	3	0		36.0-39.0	40	<0.1	80.0	9.0	52.0	10.0
				2	0	0	2	0		39.0-41.0	10	0.6	182.0	6.6	44.0	6.0
				1	0	0	2	1		41.0-42.0	200	0.4	370.0	9.8	44.0	7.0
				1	0	0	2	1		42.0-43.0	200	1.8	266.0	9.6	46.0	10.0
				2	1	0	2	1		43.0-44.0	20	0.8	244.0	13.8	54.0	6.0
		30.5-33.6m	dark gray, fine grained andesite, fracture rich, without Fe-oxide, with minor calcite vein 32.1m: quartz + pyrite veinlets, w=1cm \angle 70deg.	2	1	0	2	1		44.0-47.0	10	<0.1	168.0	9.6	46.0	<2.0
				1	1	0	2	1		47.0-50.0	20	0.6	342.0	10.0	50.0	13.0
				1	1	0	2	1		50.0-53.0	310	0.2	120.0	11.0	56.0	6.0
				0	0	0	2	1		53.0-56.0	80	<0.1	162.0	9.0	46.0	39.0
				1	0	0	2	1		56.0-59.0	90	0.4	142.0	13.8	56.0	29.0
				1	1	0	2	1		59.0-61.0	110	24.0	160.0	20.0	56.0	4.0
				3	1	0	2	1		61.0-62.0	80	0.2	168.0	11.8	52.0	50.0
				3	2	1	3	1		62.0-63.0	40	<0.1	112.0	13.2	46.0	<2.0
				2	2	1	3	1		63.0-64.0	30	0.8	182.0	17.6	60.0	14.0
				2	2	1	3	1		64.0-65.0	110	<0.1	220.0	10.0	46.0	<2.0
				2	1	0	2	1		65.0-67.0	140	0.4	346.0	20.4	52.0	20.0
				0	0	0	2	1		67.0-70.5	90	0.4	122.0	12.8	58.0	5.0
				1	0	0	2	1								
		33.6-37.7m	pale gray, weakly silicified zone	0	1	0	2	1								
		37.7-39.3m	quartz + pyrite veinlets w=5-10mm, \angle 65deg.	1	0	0	2	1								
		39.3-40.7m	pale gray to pale green colored, silicified zone with disseminated pyrite	0	0	0	2	1								
		40.7-42.1m	quartz + pyrite veinlets w=5-10mm, \angle 65deg.	0	0	0	2	1								
		42.1-43.1m	quartz + pyrite + epidote veinlets w=5-15mm, \angle 60-70deg.	0	0	0	2	1								
		43.1-44.1m	dark green to dark gray colored, fine grained andesite with a lot of stringers of pyrite, pyrite + chlorite, pyrite + quartz, chlorite & quartz, 1-2cm interval with minor stringers of epidote & calcite	1	1	0	2	1								
		44.1-47.9m	quartz + chlorite veinlets, w=5-15mm, \angle 45deg.	1	1	0	2	1								
		47.9-51.0m	dark green to dark gray colored, fine grained andesite with a lot of stringers of pyrite, chlorite + pyrite, quartz, quartz + pyrite & epidote, 5-15mm interval	1	1	0	2	1								
		51.0-51.7m	silicified vein (w=2-3cm) with pyrite veinlets (w=0.5cm), \angle 35deg.	1	0	0	2	1								
		51.7-52.7m	silicified zone with veinlets of quartz + chlorite, quartz + pyrite, quartz + epidote + chlorite, \angle 40deg to \angle 60deg, w=5-10mm	1	1	0	2	1								
		52.7-53.8m	weakly silicified zone with veinlets of quartz + chlorite, quartz + pyrite, quartz + epidote + chlorite, \angle 40deg to \angle 60deg, w=5-10mm	1	1	0	2	1								
		53.8-59.5m	greenish dark gray, fine grained andesite with a lot of stringers of pyrite, chlorite + pyrite, quartz, quartz + pyrite & epidote, 5-15mm interval	1	1	0	2	1								
		59.5-62.7m	silicified & chloritized fine grained andesite, with many stringers of pyrite, quartz + pyrite, quartz + chlorite, with silicified veins, with silicified & chloritized veins (w=1-3cm, \angle 70deg. \pm)	1	1	0	2	1								
		62.7-63.0m	pink colored mineral (calcite?) veinlets, \angle 80deg, w=3mm	0	0	0	2	1								
		63.0-64.9m	strongly silicified zone, rock texture is completely destroyed	1	1	0	2	1								
		64.9-66.0m	pink colored mineral vein (w=1-2cm, \angle 90deg., formed after silicification, after pyritization)	0	0	0	2	1								
		66.0-66.8m	dark green to dark gray colored, fine grained andesite with a lot of stringers of chlorite, calcite(white) & quartz, with minor stringers of pyrite & pyrite + quartz	1	1	0	2	1								
		66.8-70.5m	pale greenish light gray, weakly silicified & argillized rock, with sparse network of chlorite, calcite, quartz & chlorite + pyrite with weak epidotization	2	2	0	3	1								
				3	1	0	2	1								
				3	2	1	3	1								
				2	2	1	3	1								
				2	1	0	2	1								
				2	2	0	3	1								
				0	0	0	2	1								
				0	0	0	2	1								
				1	0	0	2	1								

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Siliceity	Argillita	Chloritiza.	Epidotiza	Examined Sample	Assay Interval	Assay results						
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	
		73.5	73.3-75.0m: dark gray colored, fine grained andesite, with calcite network, with minor stringers of pyrite, chlorite, & quartz + epidote	1	1	1	2	1									
		75.0	75.0-79.3m: strongly silicified rock with network of pyrite, chlorite + pyrite, quartz + pyrite, chlorite, epidote original rock is fine grained andesite, dark gray to dark green colored 75.5m: quartz + pyrite vein, w=2cm, $\angle 55\text{deg}$. 79.0m: quartz + pyrite veinlets, w=0.5mm, $\angle 70\text{deg}$.	0	0	0	2	1		70.5 - 72.5	20	<0.1	132.0	10.2	52.0	2.0	
		79.3	79.3-82.5m: white to pinkish white colored calcite network in the fine grained andesite, with a lot of epidote stringers, total amount of disseminated pyrite is 1%	1	1	0	2	2		72.5 - 75.0	20	0.4	92.0	11.4	66.0	2.0	
		82.5	82.5-85.0m: dark gray to black, fine grained andesite, with stringers of pyrite + chlorite, pyrite, quartz & epidote 5cm interval, total amount of disseminated pyrite is 1-2%	1	1	0	2	1		75.0 - 78.0	50	<0.1	93.6	4.0	25.0	21.0	
		85.0	85.0-92.0m: black to dark green colored, fine grained andesite with quartz + pyrite veinlets (86.7m, 86.9m, 87.9m, 88.2m, 88.5m, 89.2m, 89.8m, 90.3m, 90.5m), $\angle 60\text{deg}$, w=3-10mm 85.0m, 88.0m, 91.0m: pale green colored, silicified rock, with stringers of chlorite, chlorite + pyrite, pyrite & pyrite + quartz, 5-15mm interval, with traces of calcite veinlets	1	1	0	2	2		78.0 - 81.0	37	0.2	43.2	3.0	37.6	<2.0	
		92.0	92.0-94.2m: fine grained silicified andesite, light gray to light green colored, with sparse (5-10cm) network of chlorite, pyrite, epidote & quartz, with quartz + pyrite veinlets $\angle 60\text{deg}$, w=5mm	1	1	0	2	1		81.0 - 84.0	50	<0.1	56.0	2.0	45.2	<2.0	
		94.2	94.2-99.5m: silicified and chloritized porphyritic andesite, light green colored, including plagioclase - phenocrysts (ϕ 1-2mm), with sparse network of chlorite, pyrite, epidote, quartz + pyrite & chlorite + pyrite etc., 1cm to 10cm interval, pyrite dissemination is weak 97.5m: chlorite + pyrite veinlets, $\angle 50\text{deg}$, w=5mm	1	1	0	2	1		84.0 - 87.0	53	<0.1	138.7	4.8	27.1	<2.0	
		99.5	99.5-103.2m: green to pale green colored, porphyritic andesite, with silicified bands & epidotized bands, with pyrite stringers (3-10cm intervals), with minor stringers of chlorite + pyrite, quartz + pyrite, chlorite and quartz	1	1	0	2	1		87.0 - 91.0	80	<0.1	202.4	3.0	24.9	<2.0	
		103.2	103.2-107.7m: light gray to pale green colored, silicified rocks, with dense stringers (0.5-3cm interval) of pyrite, pyrite + quartz, chlorite + pyrite, epidote & quartz with veinlets of quartz + pyrites (w=3-7mm) 104.5m: minor veinlets of anhydrite + epidote + K-feldspar (w=5mm), $\angle 55\text{deg}$.	1	1	0	2	2		90.0 - 92.0	47	<0.1	53.9	4.7	36.5	2.0	
		107.7	107.7-127.4m: dark green to dark gray colored, chloritized porphyritic andesite, with stringers of pyrite, chlorite, epidote, quartz + pyrite + quartz, 1-3cm interval, with minor veinlets (w=3-10mm) of quartz + pyrite + chlorite, with K-feldspar bands (w=10cm \pm) 108.5m, 112.5-112.8m, 117.3-120.8m: silicified rock 129.8m, 124.9m: anhydrite veinlets with quartz + epidote (w=2-10mm), $\angle 40-70\text{deg}$. 122.0m, 123.4m, 123.7m: traces of calcite veinlets after pyritization and chloritization 125.0-127.4m: pale greenish to gray, coarse grained, porphyritic andesite, with minor stringers of pyrite, 20cm interval with minor stringers of epidote & chlorite with minor veinlets of calcite	1	1	0	2	1		92.0 - 93.0	67	<0.1	36.2	6.9	44.5	<2.0	
		127.4	127.4-131.6m: dark greenish gray, fine grained andesite, slightly silicified, with a lot of stringers (interval: 1-2cm) of pyrite, pyrite + quartz, quartz, chlorite & chlorite + quartz, with weak dissemination of pyrite 128.0m: quartz + anhydrite veinlets, $\angle 75\text{deg}$, w=7mm	1	1	0	2	1		93.0 - 94.0	57	<0.1	27.1	12.9	41.4	<2.0	
		131.6	131.6-132.6m: dark gray, fine grained andesite, with pyrite stringers (interval: 5cm \pm)	1	1	0	2	2		94.0 - 95.0	57	<0.1	66.0	14.1	45.1	<2.0	
		132.6	132.6-136.0m: slightly silicified andesite with pyrite stringers, with pyrite + quartz veinlets, with pyrite + quartz vein (w=1-4cm) $\angle 70\text{deg}$, 30cm interval	1	1	0	2	2		95.0 - 98.0	470	<0.1	1308.0	7.6	33.7	<2.0	
		136.0	136.0-137.4m: dark green colored andesite, with pyrite stringers, 2-3cm interval 136.8m: pyrite + quartz veinlets, $\angle 80\text{deg}$, w=5-8mm	1	1	0	2	1		98.0 - 101.0	77	<0.1	148.7	8.7	29.4	<2.0	
		137.4	137.4-138.9m: stringers of quartz + pyrite & pyrite 1-5cm interval 137.9m: quartz + pyrite veinlets, $\angle 80\text{deg}$, w=3-5mm	1	1	0	2	1		101.0 - 104.0	130	0.1	143.0	14.5	28.0	12.0	
		138.9	138.9-146.4m: dark gray to dark green colored, fine grained andesite 140.4m, 141.1m, 141.6m, 142.0m: pyrite veinlets and quartz + pyrite veinlets, $\angle 70-80\text{deg}$, w=3-8mm	1	1	0	2	2		104.0 - 105.0	120	0.1	376.5	4.0	23.2	33.0	
				1	1	0	2	2		105.0 - 106.0	67	<0.1	149.1	4.0	26.4	<2.0	
				1	1	0	2	2		106.0 - 107.0	80	<0.1	253.5	4.9	22.7	<2.0	
				2	2	0	2	2		107.0 - 110.0	50	<0.1	131.5	5.6	27.0	<2.0	
				2	0	0	2	1		110.0 - 113.0	47	0.1	70.4	5.1	58.8	2.0	
				1	0	0	2	1		113.0 - 116.0	57	<0.1	78.5	4.0	41.6	<2.0	
				1	1	0	2	1		116.0 - 119.0	73	<0.1	122.0	7.6	42.5	<2.0	
				0	1	0	2	1		119.0 - 122.0	57	<0.1	64.1	4.5	50.2	2.0	
				1	1	0	2	1		122.0 - 125.0	63	<0.1	31.5	6.4	50.9	<2.0	
				0	0	0	2	1		125.0 - 128.0	57	<0.1	36.2	4.0	37.3	2.0	
				0	0	0	2	2		128.0 - 131.0	60	<0.1	74.5	10.0	39.6	2.0	
				2	1	0	2	1		131.0 - 133.0	50	1.0	151.2	5.0	31.2	<2.0	
				3	2	0	2	1		133.0 - 134.0	47	<0.1	110.6	6.9	20.6	<2.0	
				3	2	0	2	1		134.0 - 135.0	67	<0.1	252.5	4.0	23.0	<2.0	
				2	1	0	2	1		135.0 - 136.0	80	<0.1	162.8	6.3	23.8	3.0	
				1	0	0	2	1		136.0 - 139.0	37	<0.1	138.6	7.1	23.7	22.0	
				2	1	0	2	1									
				1	0	0	2	0									

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results						
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	
150			145.1m: pink calcite veinlets, w=1cm, \angle 25deg, with quartz stringers, with chlorite stringers, with pyrite stringers (2-10cm interval)	1	0	0	2	1	4-156 0 T	139.0 - 142.0	43	<0.1	122.7	7.5	26.7	9.0	
				2	1	0	2	1			142.0 - 145.0	67	<0.1	82.5	4.5	25.6	<2.0
				1	0	0	2	1			145.0 - 148.0	70	<0.1	89.1	3.0	25.6	3.0
				1	0	0	2	1			148.0 - 151.0	110	0.1	282.3	13.3	27.9	28.0
				1	0	0	2	1			151.0 - 154.0	137	0.1	934.0	5.4	35.5	6.0
				0	0	0	2	1			154.0 - 157.0	10	<0.1	62.0	15.4	57.8	4.0
				0	0	0	2	1			157.0 - 160.0	10	<0.1	58.0	11.0	41.4	<2.0
				0	0	0	2	1			160.0 - 163.0	80	<0.1	102.0	14.2	49.2	2.0
				1	0	0	2	1			163.0 - 167.0	<10	<0.1	88.0	9.4	34.8	5.0
				3	1	0	2	1			167.0 - 169.0	27	<0.1	504.0	8.8	33.6	<2.0
170			160.2-163.0m: dark gray, porphyritic, coarse grained andestic rock, with stringers of pyrite + chlorite + chlorite, 5-20cm interval, with minor veinlets of epidote & calcite	0	0	0	2	1	4-180 3 X	175.0 - 178.0	<10	0.1	66.0	6.8	41.4	7.0	
				0	0	0	2	1			178.0 - 179.0	17	<0.1	222.0	9.2	36.6	2.0
				0	0	0	2	1			179.0 - 180.4	<10	<0.1	144.0	9.6	40.2	6.0
				0	0	0	2	1			180.4 - 184.8	43	<0.1	110.0	17.8	84.8	5.0
				0	0	0	2	1			184.8 - 188.2	170	0.2	680.0	9.0	43.0	19.0
				1	0	0	2	1			188.2 - 189.1	<10	14.0	188.0	11.8	51.2	5.0
				1	0	0	2	1			189.1 - 190.4	<10	1.2	258.0	29.6	72.8	13.0
				0	0	0	2	1			190.4 - 193.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			193.0 - 196.0	<10	<0.1	136.0	10.4	37.4	7.0
				1	0	0	2	1			196.0 - 198.0	30	42.2	302.0	7.6	43.8	2.0
190			169.1-170.7m: stringers of pyrite, pyrite + chlorite, 5-10cm interval, \angle 60deg, with minor veinlets of quartz, \angle 30deg, w=8mm	1	0	0	2	1	4-187 5 TX	198.0 - 201.0	33	<0.1	218.0	27.8	56.0	19.0	
				0	0	0	2	1			201.0 - 203.0	<10	<0.1	204.0	10.0	59.4	7.0
				1	0	0	2	1			203.0 - 206.0	<10	7.8	158.0	40.8	83.0	9.0
				1	1	0	3	2			206.0 - 209.0	<10	3.8	129.2	10.8	62.7	5.0
				1	1	0	3	2			209.0 - 210.0	10	<0.1	88.0	8.2	44.8	7.0
				0	0	0	2	1			210.0 - 215.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			215.0 - 218.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			218.0 - 221.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			221.0 - 224.0	<10	<0.1	136.0	10.4	37.4	7.0
				1	1	0	3	2			224.0 - 227.0	<10	<0.1	136.0	10.4	37.4	7.0
200			170.7-175.0m: coarse grained andestic tuff, light gray colored, with minor stringers of pyrite, epidote & quartz, 20-30cm interval	1	0	0	2	1	4-205 0 TX	227.0 - 230.0	<10	<0.1	136.0	10.4	37.4	7.0	
				0	0	0	2	1			230.0 - 233.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			233.0 - 236.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			236.0 - 239.0	<10	<0.1	136.0	10.4	37.4	7.0
				1	0	0	2	1			239.0 - 242.0	<10	<0.1	136.0	10.4	37.4	7.0
				1	0	0	2	1			242.0 - 245.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			245.0 - 248.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			248.0 - 251.0	<10	<0.1	136.0	10.4	37.4	7.0
				0	0	0	2	1			251.0 - 254.0	<10	<0.1	136.0	10.4	37.4	7.0
				1	0	0	2	1			254.0 - 257.0	<10	<0.1	136.0	10.4	37.4	7.0

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

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)
		214.1	206.8-214.1m: dark gray, coarse grained andesitic rock, with stringers of chlorite, chlorite + pyrite & pyrite. 5-15cm interval, \angle 40-60deg. pyrite dissemination is very weak with minor epidote stringers & calcite (pink) stringers	2	1	0	2	2		210.0 - 211.0	<10	<0.1	176.0	80.2	74.2	5.0
				1	1	0	2	2		211.0 - 212.0	37	6.4	254.0	45.0	80.2	6.0
				0	0	0	2	1								
				0	0	0	2	1								
				0	1	0	3	2		212.0 - 215.0	<10	2.2	150.0	10.4	49.6	13.0
				0	1	0	3	2	4-217.1							
				0	0	0	2	1	X							
		219.7	219.7-220.2m: strongly chloritized, fine grained rock, silty rock, with calcite network	0	1	0	3	2		215.0 - 219.0	<10	6.2	172.0	50.0	65.6	14.0
		221.6	220.2-221.6m: chloritized and epidotized, coarse grained andesitic pyroclastics, with calcite veinlets	0	0	0	2	1								
			221.6-225.0m: dark green colored, andesitic, fine grained rock, with stringers of epidote, pink calcite & chlorite, 1-2cm interval	0	0	0	3	2								
			224.4-224.6m: pyrite stringers	0	0	0	3	0		218.0 - 221.0	<10	<0.1	52.0	8.0	69.6	6.0
				0	0	0	2	1								
		225.0	225.0-227.2m: strongly chloritized, coarse grained andesitic tuff, with epidote network	0	0	0	2	1		221.0 - 224.0	<10	<0.1	126.0	9.2	54.0	<2.0
			226.4m: strongly chloritized green rock, \angle 60deg, w=3-4mm	0	0	0	2	1								
		227.2	227.2-227.7m: dark gray to dark green, fine grained andesitic tuff, \angle 30-40deg	0	0	1	3	2								
		227.7		0	0	1	3	2		224.0 - 227.0	<10	4.2	133.3	82.2	63.4	<2.0
				0	0	1	3	3								
		230.3	227.7-228.7m: pale green, chloritized, epidotized rock with calcite veinlets, alternation beds of fine grained tuff and coarse grained tuff	0	0	0	2	1		227.0 - 230.0	<10	<0.1	128.0	15.8	57.0	<2.0
		231.7		0	0	1	3	2								
				0	0	1	3	2								
				0	0	1	2	1		230.0 - 233.0	<10	<0.1	80.0	8.4	52.0	<2.0
		234.7	228.7-230.3m: dark gray, fine grained andesitic tuff with stringers of chlorite, chlorite + pyrite, calcite, \angle 40-80deg, 1-3cm interval	0	0	1	2	1								
		235.5		0	0	1	2	1								
				1	1	1	3	1		233.0 - 236.0	<10	47.6	54.0	17.8	47.8	<2.0
			230.3-231.7m: strongly chloritized, fine grained rock, with calcite, quartz veinlets	0	0	0	2	1								
			230.4m: chlorite + pyrite vein (\angle 55deg, w=1cm)	0	0	0	2	1								
			231.7-234.7m: dark green to dark gray colored, fine grained andesitic tuff with calcite network	0	0	0	2	1		236.0 - 239.0	17	<0.1	52.0	10.6	63.6	<2.0
				0	0	0	2	1								
		245.4	234.7-235.5m: dark green colored, strongly chloritized rock with pyrite stringers, with pyrite veinlets, 2-5cm interval, with calcite + quartz veinlets	0	0	0	2	1		239.0 - 242.0	<10	<0.1	62.0	7.8	56.4	<2.0
				0	0	0	2	1								
				1	0	0	2	1								
		248.1	235.5-245.4m: dark gray colored, fine grained andesitic rock, with veinlets of quartz + pyrite, chlorite + pyrite, \angle 50-70deg, w=2-4mm, 20cm interval, with minor veinlets of epidote	1	0	0	2	1		242.0 - 245.0	<10	<0.1	60.0	13.4	61.0	<2.0
		248.7		0	0	0	2	1								
				0	0	0	2	1								
		250.0	245.5-248.1m: dark gray, fine grained andesitic rock, with chlorite stringers, \angle 60deg, 1-3cm interval, with minor stringers of epidote & pyrite	2	1	1	3	3	4-248.6	245.0 - 248.0	<10	<0.1	80.0	8.2	59.0	5.0
				0	0	0	2	1								
				0	0	0	2	1		248.0 - 250.0	67	0.4	436.0	5.6	51.2	<2.0
			248.1-248.7m: strongly chloritized & epidotized zone, with dense network of quartz + pyrite, with pyrite dissemination, containing chalcopyrite??													
			248.7-250.0m: dark gray, fine grained andesitic rock, with chlorite stringers, \angle 60deg, 1-3cm interval, with minor stringers of epidote & pyrite													

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
		3.0	0.0-2.0m brown colored surface soil, coarse grained sand	-	-	-	-	-								
			2.0-8.50m floats of flesh granite, ϕ 30-100cm 5.5-6.3m strongly weathered granodiorite	-	-	-	-	-		0.0-3.0	<10	0.2	122.0	12.0	89.0	<2.0
				-	-	-	-	-		3.0-6.0	40	<0.1	59.0	9.0	40.0	<2.0
		8.5		-	-	-	-	-		6.0-9.0	<10	0.6	370.0	19.0	53.0	<2.0
			8.5-33.0m: oxide zone, hematite stains along open fractures (5-20cm interval), brownish gray colored biotite-hornblende granodiorite, Feldspar >> hornblende > quartz, grain size = ϕ 3-5mm, flesh with traces of epidote stringers (w=1-2mm, \angle 70deg \pm), with pink feldspar bands (w=1-4cm), with traces of chlorite stringers (\angle 70deg), with traces of quartz + pyrite veinlets (w=3-4mm, \angle 75deg \pm) 14.9-15.6m, 16.3m, 17.8m, 20.1m-21.3m, 24.2m, 25.2-26.5m, 28.2-28.6m: concentration of Fe-oxide along open fractures, pyrite dissemination is very weak	0	0	0	0	0		9.0-12.0	<10	<0.1	251.0	14.0	55.0	<2.0
				0	0	0	0	0		12.0-15.0	<10	3.4	249.0	27.0	89.0	<2.0
				0	0	0	0	0		15.0-18.0	<10	2.2	268.0	18.0	60.0	<2.0
				0	0	0	0	0		18.0-21.0	30	<0.1	127.0	29.0	51.0	<2.0
				0	0	0	0	0		21.0-24.0	<10	<0.1	52.0	17.0	44.0	<2.0
				0	0	0	0	0		24.0-27.0	10	<0.1	88.0	15.0	49.0	<2.0
			33.0-50.3m: sulfide zone starts from 33.0m. hornblende - biotite or biotite - hornblende granite, medium grained, grain size = ϕ 3-4mm mineral assemblage = K-feldspar, plagioclase >> hornblende, biotite, quartz pyrite dissemination is weak, total amount of sulfide is less than 1% epidote veinlets (w=2-3mm) & pink feldspar bands occur are found (30-300cm interval), 33.8m: quartz + chlorite + pyrite veinlets, w=8mm, \angle 70deg. 35.4m: quartz stringers & pyrite stringers, \angle 80deg. 36.5m, 37.1m: chlorite + pyrite veinlets, w=2mm, \angle 75deg., with pink feldspar bands 39.2m: chlorite + pyrite stringers, 2-3cm interval, \angle 80deg. 40.5m: epidote veinlets with pink feldspar bands (\angle 75deg., w=5cm) 41.8m: chlorite stringers (\angle 80deg.) 43.5-44.0m: Quartz veinlets (w=2mm \pm , \angle 80deg.) in the strongly chloritized rock 45.6m: chlorite stringers (\angle 75deg.) 47.4-47.8m: chlorite + pyrite stringers (\angle 90deg.) 49.7-49.8m: epidotized rock with pink feldspar bands (w=20cm) 49.3m: weakly epidotized rock with pink feldspar	0	0	0	0	0	5-34 7 TX	30.0-33.0	<10	<0.1	122.0	19.0	47.0	12.0
		33.0		0	0	0	0	0		33.0-36.0	<10	<0.1	87.0	10.0	42.0	<2.0
				0	0	0	0	0	5-36 5 TX	36.0-39.0	<10	<0.1	84.0	7.0	38.0	<2.0
				0	0	0	0	0		39.0-42.0	10	<0.1	56.0	15.0	48.0	<2.0
			50.3-53.1m: pink colored, hornblende - biotite granite, medium grained, with pyrite stringers (\angle 60-70deg.) 52.3-52.7m: epidote stringers occur (10cm interval)	0	0	0	0	0		42.0-45.0	<10	2.8	78.0	12.0	45.0	<2.0
			53.1-60.9m: light gray to pinkish light gray colored, hornblende - biotite granite, rarely traces of pyrite stringers (\angle 60-70deg.) occur, 40-100cm interval 57m: strongly chloritized vein (w=2-3cm, \angle 80deg.) 58-59m: chlorite stringers, \angle 80deg., w=1mm 60.3-60.6m: pink colored aprite vein, \angle 50deg., w=7cm	0	0	0	1	1		45.0-48.0	30	<0.1	222.0	14.0	46.0	6.0
		50.3		0	0	0	0	0		48.0-51.0	10	<0.1	92.0	13.0	39.0	<2.0
		53.1	60.9-63.6m: epidotized granite, plagioclase changes to epidote, mafic minerals change to chlorite, original rock texture is clear 62-63.6m: a lot of epidote veinlets (\angle 60deg., w=3-4mm) occur in pink colored granite, 3-5mm interval	1	0	1	0	1		51.0-54.0	20	<0.1	110.0	30.0	55.0	<2.0
			63.6-68.4m: slightly argillized granite, plagioclase shows white color (white clay), other rock forming minerals are not altered pink colored alteration bands occur (w=1-5cm, \angle 15-40deg., 3-40cm interval), plagioclase changes to epidote & white clay, K-feldspar shows pink color, mafic minerals change to chlorite	0	0	0	1	1		54.0-57.0	<10	<0.1	68.0	12.0	39.0	<2.0
		60.9		0	0	0	1	0		57.0-60.0	20	<0.1	56.0	16.0	47.0	<2.0
		63.6	68.4-72.9m: epidote - chlorite network zone, plagioclase changes to white clay and epidote, K-feldspar shows pink color, mafic minerals change to chlorite, with pyrite stringers (\angle 60deg \pm , 8-10cm interval), pyrite dissemination is weak, traces of chalcopyrite occur occur with pyrite stringers 70.5m: traces of quartz - pyrite - chalcopyrite - molybdenite veinlets (w=5mm)	0	0	1	1	1	5-64 5 TX	60.0-63.0	10	<0.1	57.0	26.0	47.0	3.0
				0	0	0	0	0		63.0-66.0	20	<0.1	21.0	9.0	43.0	<2.0
		68.4		0	0	0	1	1		66.0-69.0	20	<0.1	117.0	12.0	45.0	68.0
				0	0	1	1	0								

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicification	Argillization	Chloritization	Epidotization	Examined Sample	Assay Interval	Assay results													
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)								
80		72.9	72.9-77.3m: light gray, hornblende - biotite granite, containing pink feldspar bands (w=2cm ±, ∠20deg., 10-20cm interval)	1	0	2	2	2	5-70.5 P	69.0 - 72.0	20	<0.1	261.0	15.0	60.0	15.0								
		77.3	77.3-79.7m: 77.5-78.0m: chlorite + calcite veinlets, ∠80deg. 78.3-78.6m: quartz veinlets, ∠30-60deg., w=5mm 79.2-79.4m: chlorite + calcite stringer	0	0	0	0	0			72.0 - 75.0	20	<0.1	81.0	29.0	44.0	<2.0							
		79.7	79.7-82.6m: light gray colored, fresh granite 80.7m: pyrite stringer, ∠75deg. 81.7m: quartz + pyrite veinlets, ∠50deg., w=2-3mm, with small amounts of chalcopyrite	0	0	0	1	0				75.0 - 78.0	20	<0.1	202.0	17.0	42.0	<2.0						
		82.6	82.6-84.0m: pink colored altered granite, with epidote veins - veinlets (∠20deg. to ∠70deg., w=1-5mm) with quartz + pyrite pools (ø 1-2cm)	0	0	0	0	0					78.0 - 81.0	30	<0.1	66.0	9.0	44.0	3.0					
		84.0	84.0-86.3m: 85.2m: quartz + pyrite + chalcopyrite + molybdenite veinlets, ∠60deg., w=3-5mm 86.0m: quartz + pyrite veinlets, ∠80deg., w=3mm	1	0	1	2	3						81.0 - 84.0	30	3.8	86.0	26.0	52.0	<2.0				
		86.3	86.3-88.7m: 86.3-88.7m: dense network of chlorite, with a lot of epidote veinlets (∠30-40deg., w=3-5mm) 88.7m: quartz + pyrite veinlets with small amounts of chalcopyrite	1	0	0	1	1							84.0 - 85.0	20	<0.1	20.0	11.0	47.0	<2.0			
		88.7	88.7-90.6m: 88.7m: quartz + pyrite veinlets (w=2mm, ∠85deg.)	1	0	0	1	1								85.0 - 85.5	20	<0.1	193.0	35.0	57.0	<2.0		
		90.6	90.6-92.2m: 90.6-92.2m: chlorite + epidote network in strongly chloritized rock, green colored 92.2m: quartz + pyrite veinlet, ∠80deg.	0	0	0	1	3									85.5 - 88.0	20	1.2	200.0	25.0	58.0	33.0	
		92.2	92.2-97.0m: 92.2-97.0m: chlorite veinlets and epidote veinlets (5-20cm interval, ∠30-60deg.) with minor calcite + chlorite veinlets, most of mafic minerals change to chlorite 95.7m: quartz + pyrite veinlets (w=2mm, ∠85deg.)	0	0	0	1	1										88.0 - 91.0	20	<0.1	95.0	12.0	51.0	<2.0
		97.0	97.0-104.6m: 97.0-104.6m: pink colored alteration bands (K-feldspar, epidote & chlorite), 50cm ± interval, ∠20deg., w=1-5cm 102.4m, 104.3m: pyrite veinlets, ∠75 to ∠80deg., w=3cm ±, containing a small amounts of chalcopyrite	0	0	0	2	2											91.0 - 92.0	30	2.0	120.0	84.0	63.0
104.6	104.6-106.6m: 104.6-106.6m: pink colored altered zone with epidote veinlets and chlorite veinlets (epidote: ∠20deg. ±, chlorite: ∠70deg. ±) 104.7m: chalcopyrite in chlorite veinlets	0	0	0	1	3	92.0 - 95.0	20	1.2	46.0										12.0	54.0	<2.0		
106.6	106.6-107.8m: 106.6-107.8m: strongly epidotized & chloritized rock	0	0	0	1	1		95.0 - 98.0	10	<0.1	160.0									27.0	53.0	<2.0		
107.8	107.8-108.5m: 107.8-108.5m: quartz + pyrite stringer (∠80deg.)	0	0	0	1	1			98.0 - 101.0	20	<0.1	115.0								32.0	54.0	25.0		
109.4	109.4-112.6m: 109.4-112.6m: strongly epidotized & chloritized rock, plagioclase changes to epidote, mafic minerals change to chlorite, with epidote stringers, with chlorite stringers (∠70deg. ±)	0	0	0	1	1				101.0 - 104.0	20	<0.1	24.0							8.0	39.0	16.0		
112.6	112.6-114.2m: 112.6-114.2m: light gray, fresh, hornblende - biotite granite, medium grained, with thin alteration bands (w=1-3cm, ∠20-40deg., 50-100cm interval) of pink feldspar + epidote + chlorite + white clay with pyrite stringers (w=1mm ±, ∠70-80deg., 50-100cm interval)	1	0	1	2	2					104.0 - 107.0	10	<0.1	51.0						47.0	54.0	<2.0		
114.2	114.2-121.4m: 114.2-121.4m: pink colored, chloritized, epidotized & argillized granite, with chlorite and epidote veinlets (2-5cm interval), with traces of calcite veinlets (∠60deg., w=2-3mm)	0	0	0	2	2						107.0 - 110.0	20	<0.1	28.0					17.0	50.0	13.0		
121.4	121.4-123.6m: 121.4-123.6m: hornblende - biotite granite, medium grained, ø 3-4mm, light gray, fresh with thin alteration bands (w=1-4cm, ∠15-60deg., 50-100cm interval) of pink feldspar + epidote 127.4m: chloritized and silicified vein (w=3.5cm, ∠65deg.) 129.4m, 132.5m: quartz + chlorite veinlets (w=2mm ±, ∠65-70deg.) 133.6m: strongly epidotized zone, ∠20deg., w=5cm	0	0	0	1	1							110.0 - 113.0	20	<0.1	51.0				11.0	42.0	66.0		
123.6	134.2-135.0m: 134.2-135.0m: silicified rock with strong chloritization 134.2m: quartz vein with chalcopyrite pools, ø 5mm	0	0	0	1	1								113.0 - 116.0	30	<0.1	50.0			10.0	41.0	23.0		
134.2	135.0-142.5m: 135.0-142.5m: dark gray, biotite - hornblende granodiorite (or quartz diorite), fresh 135-136m: quartz + pyrite stringer (∠85deg.) 137.5m: xenoliths of diorite porphyry (ø 4cm) 139-141m: a lot of chlorite stringers with pink feldspar	0	0	0	1	1									116.0 - 119.0	10	1.0	100.0		9.0	35.0	15.0		
135.0		0	0	0	1	1										119.0 - 121.4	20	<0.1	54.0	15.0	46.0	27.0		
		0	0	1	3	3	121.4 - 123.6										20	<0.1	53.0	30.0	55.0	34.0		
		0	0	0	0	0		123.6 - 127.0									30	<0.1	109.0	25.0	55.0	26.0		
		0	0	0	1	1			127.0 - 130.0								30	<0.1	206.0	18.0	42.0	17.0		
		0	0	0	1	1				130.0 - 134.2							20	<0.1	81.0	8.0	36.0	22.0		
		0	0	0	1	1					134.2 - 135.0						20	<0.1	42.0	4.0	62.0	12.0		
		0	0	0	1	1						135.0 - 138.0					20	1.0	69.0	9.0	39.0	12.0		
		0	0	0	1	0																		
		0	0	0	2	1																		

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
150	X	142.5	<p>142.5-147.5m: pink colored, weakly argillized hornblende - biotite granite, K-feldspar shows pink color, plagioclase changes to white clay, mafic minerals change to chlorite, with network of chlorite + epidote</p> <p>147m: montmorillonite vein ($\angle 50\text{deg}$, w=3cm) in the strongly argillized zone</p> <p>150.0-152.6m: dark gray, hornblende - biotite or biotite - hornblende granodiorite (or quartz diorite), mafic mineral rich, with traces of chlorite stringers (100cm interval)</p> <p>152.6-169.3m: alternation beds (w=2cm to 20cm) of fresh granite and pink colored granite, 10-20cm interval, fresh granite: dark gray to gray, hornblende - biotite granite, medium grained.</p> <p>163.8-167.0m: chlorite + epidote vein, w=2-5cm, $\angle 20-70\text{deg}$</p> <p>pink colored granite: K-feldspar shows reddish pink color, plagioclase changes to epidote, with epidote stringers, with chlorite stringers, with quartz + pyrite stringers, with calcite stringers ($\angle 20$ to $\angle 80\text{deg}$, w=0.5-2mm), most of mafic minerals change to chlorite, pyrite dissemination is weak, less the 1%</p> <p>158.5-159.2m & 163.5-164.0m: red colored granite, potassic alteration??</p>	0	0	0	2	1	5-140 5 TX	138.0 - 141.0	40	<0.1	35.0	13.0	41.0	17.0
		0		0	0	1	0	141.0 - 142.5		20	0.6	60.0	19.0	61.0	16.0	
		0		0	1	3	2	142.5 - 144.6		10	0.6	44.0	31.0	85.0	14.0	
		0		0	1	3	2	144.6 - 147.5		10	1.4	113.0	39.0	81.0	7.0	
		0		0	2	2	1	147.5 - 150.0		20	0.4	44.0	25.0	62.0	<2.0	
		0		0	0	1	1	150.0 - 153.0		70	0.2	26.0	16.0	52.0	40.0	
		0		0	1	1	1	153.0 - 156.0		50	<0.1	34.0	14.0	59.0	<2.0	
		0		0	1	1	1	156.0 - 159.0		40	0.2	67.0	16.0	54.0	54.0	
		0		0	1	1	1	159.0 - 162.0		30	<0.1	19.0	14.0	56.0	<2.0	
		0		0	0	0	0	162.0 - 163.0		60	<0.1	26.0	12.0	50.0	52.0	
170	X	169.3	<p>169.3-176.6m: fresh granite, medium grained, ϕ 3-4mm, feldspar >> quartz, biotite, hornblende</p> <p>172.6m: chloritized & slightly silicified band, w=5cm, $\angle 35\text{deg}$.</p> <p>176.6-180.2m: dark gray to dark green colored, strongly silicified rock, with chloritization & epidotization, with pyrite >> chalcopyrite dissemination</p> <p>177-178.3m: quartz + pyrite vein, $\angle 70\text{deg}$, w=1-3cm, total amount of sulfide is 2% \pm</p> <p>180.2-184.5m: chloritized granite with pyrite stringers and chlorite + pyrite stringers ($\angle 70\text{deg}$, w=2-3cm interval)</p> <p>180.9-181.2m & 182.4-182.8m: strongly silicified & strongly chloritized zone, with weak dissemination of pyrite</p> <p>184.5-186.0m: dark gray to dark green, strongly chloritized, epidotized & silicified rock with dissemination of pyrite >> chalcopyrite, with quartz + pyrite veinlets ($\angle 70-75\text{deg}$, w=2-8mm, 5cm \pm interval)</p> <p>186.0-188.7m: medium grained granite, with minor quartz veinlets (w=3mm \pm, $\angle 85\text{deg}$), with chlorite stringers ($\angle 90\text{deg}$), sulfide dissemination is very weak</p> <p>188.7-189.5m, 194.9-195.7m: fractured zone with weak epidotization and argillization (cracky core of ϕ 2-3cm), with minor chlorite films</p> <p>189.5-199.0m: light gray, fresh, hornblende - biotite granite, medium grained</p> <p>pink colored altered bands (w=3-10cm, $\angle 35\text{deg}$, to 55deg, 20-70cm interval), include a lot of epidote and chlorite pools with a lot of epidote veinlets & chlorite veinlets, 5-10cm interval</p> <p>199.0-200.2m: chlorite + pyrite + epidote network in pink colored granite, mafic minerals change to chlorite, most of plagioclase change to epidote</p> <p>200.2-208.0m: light gray, medium grained, biotite - hornblende granite (granodiorite?)</p> <p>202.2m: quartz + chlorite + pyrite veinlets, w=2mm, $\angle 75\text{deg}$.</p> <p>202.7-203.0m: quartz + chlorite + pyrite veinlets, w=1-3mm, $\angle 80\text{deg}$.</p> <p>205.6m: chlorite + pyrite stringers, 2-3cm interval, with pyrite dissemination</p> <p>208.0-210.9m: a lot of chlorite stringers, with quartz + pyrite + molybdenite (+ chalcopyrite) stringers, with quartz + chlorite + pyrite, with chlorite + pyrite veinlets, $\angle 75\text{deg}$ \pm, $\angle 20\text{deg}$ \pm, $\angle 50\text{deg}$ \pm, w=1-3mm</p> <p>pyrite dissemination with traces of chalcopyrite</p>	0	0	0	1	1	163.0 - 166.0	40	<0.1	47.0	12.0	66.0	<2.0	
		0		0	0	1	1	166.0 - 171.0	50	<0.1	82.0	18.0	69.0	<2.0		
		0		0	0	0	0	171.0 - 174.0	50	<0.1	22.0	15.0	57.0	<2.0		
		0		0	0	0	0	174.0 - 177.0	140	5.4	146.0	324.0	305.0	11.0		
		1		3	1	3	1	177.0 - 180.0	80	3.4	183.0	187.0	270.0	23.0		
		1		1	1	2	1	180.0 - 183.0	60	0.4	147.0	36.0	237.0	16.0		
		1		2	1	2	1	183.0 - 186.0	50	<0.1	83.0	16.0	131.0	34.0		
		0		0	0	1	1	186.0 - 189.0	30	0.2	48.0	16.0	67.0	18.0		
		0		0	1	1	1	189.0 - 192.0	50	<0.1	22.0	14.0	56.0	20.0		
		0		0	1	1	1	192.0 - 195.0	40	0.2	30.0	17.0	53.0	26.0		
200	X	194.9	<p>195.7-199.0m: light gray, medium grained, biotite - hornblende granite (granodiorite?)</p> <p>200.2-208.0m: light gray, medium grained, biotite - hornblende granite (granodiorite?)</p> <p>202.2m: quartz + chlorite + pyrite veinlets, w=2mm, $\angle 75\text{deg}$.</p> <p>202.7-203.0m: quartz + chlorite + pyrite veinlets, w=1-3mm, $\angle 80\text{deg}$.</p> <p>205.6m: chlorite + pyrite stringers, 2-3cm interval, with pyrite dissemination</p> <p>208.0-210.9m: a lot of chlorite stringers, with quartz + pyrite + molybdenite (+ chalcopyrite) stringers, with quartz + chlorite + pyrite, with chlorite + pyrite veinlets, $\angle 75\text{deg}$ \pm, $\angle 20\text{deg}$ \pm, $\angle 50\text{deg}$ \pm, w=1-3mm</p> <p>pyrite dissemination with traces of chalcopyrite</p>	0	0	1	1	1	195.0 - 198.0	30	<0.1	27.0	34.0	73.0	<2.0	
		0		0	1	1	1	198.0 - 201.0	30	<0.1	17.0	20.0	66.0	<2.0		
		0		0	0	0	0	201.0 - 204.0	50	0.2	36.0	14.0	53.0	<2.0		
		0		0	0	0	0	204.0 - 207.0	30	0.8	35.0	37.0	49.0	13.0		
		0		0	0	0	0	207.0 - 208.0	30	0.2	37.0	19.0	96.0	<2.0		
		1		0	0	1	0	208.0 - 210.0	120	0.8	123.0	33.0	224.0	25.0		

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results							
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)		
220		210.9	210.9-211.6m: strongly silicified rock with chlorite network, with pyrite-molibdenite + (chalcopryrite?) dissemination 210.9m: quartz + pyrite + molibdenite vein, $\angle 70$ deg., w=1.5cm	2	1	0	1	0	5-219.6 P1	210.0 - 211.0	110	0.8	134.0	29.0	104.0	26.0		
		211.6		2	3	0	2	2			211.0 - 214.0	130	1.0	192.0	53.0	132.0	26.0	
		212.5		2	3	0	3	2				214.0 - 217.0	100	0.2	365.0	20.0	89.0	81.0
		213.9		3	3	2	3	3					120	0.4	289.0	26.0	71.0	37.0
		218.9	211.6-212.5m: pyrite stringers ($\angle 60-80$ deg., 1-3cm interval), country rock is fresh granite 212.5-213.9m: strongly silicified & chloritized rock with quartz + pyrite veinlets, with pyrite stringers with pyrite dissemination, total amount of pyrite is 2-3%	1	0	0	2	0		217.0 - 219.0		280	14.0	2064.0	1060.0	403.0	85.0	
				1	0	0	2	0			219.0 - 220.0	200	3.4	388.0	279.0	120.0	695.0	
		222.7	213.9-218.9m: pyrite stringers & chlorite stringers, 2-3cm interval, pyrite dissemination is weak, total amount of pyrite = 1% \pm , mafic minerals change to chlorite	1	0	0	2	0		220.0 - 221.0		100	0.2	119.0	41.0	87.0	27.0	
				1	0	0	2	0			222.0 - 223.0	100	0.8	296.0	40.0	91.0	20.0	
		225.6	218.9-222.7m: strongly silicified rock with pyrite dissemination, with quartz + chalcopryrite + molibdenite veins & veinlets, $\angle 70-80$ deg., w=2-25mm dark gray colored clay veins occur along open fractures and along quartz veins	1	1	1	2	0		223.0 - 226.0		100	0.4	166.0	31.0	132.0	8.0	
				0	0	0	1	0			226.0 - 229.0	140	0.6	280.0	35.0	175.0	49.0	
228.4	222.7-225.6m: pyrite stringers ($\angle 75$ to $\angle 80$ deg., 1-3cm interval), with weak pyrite dissemination	0	0	0	1	1	229.0 - 232.0	140	<0.1	110.0		18.0	82.0	4.0				
		0	0	0	1	1		232.0 - 234.0	110	0.6	189.0	25.0	71.0	108.0				
230.9	225.5-228.4m: light gray, hornblende - biotite granite, fresh 227-227.5m: quartz + pyrite veinlets (w=2mm, $\angle 85$ deg., 2cm interval), with traces of chlorite stringers, $\angle 60$ deg.	0	0	0	2	1	234.0 - 235.0		90	0.6	141.0	20.0	72.0	452.0				
		0	0	0	1	0		235.0 - 238.0	100	0.6	184.0	30.0	90.0	7.0				
235.8	228.4-230.9m: pink colored granite, mafic minerals change to chlorite, with a lot of chlorite stringers (2-3cm interval)	0	0	0	1	0	238.0 - 241.0		130	0.4	202.0	19.0	67.0	<2.0				
		0	0	0	1	0		241.0 - 244.0	90	1.4	152.0	23.0	119.0	6.0				
240	230.9-235.8m: quartz + pyrite + molibdenite veinlets, w=5-8mm, $\angle 70$ to $\angle 85$ deg. 235.8-236.2m: chloritized & epidotized zone, $\angle 20$ deg., w=30cm	0	0	0	1	0	244.0 - 247.0		120	0.8	108.0	30.0	96.0	6.0				
		0	0	0	1	0		247.0 - 250.0	112	0.8	140.0	26.0	71.0	6.0				
246.2	236.2-246.2m 237.5m: chlorite stringer $\angle 85$ deg. 238.1m: chlorite + pyrite stringer $\angle 85$ deg. 241.2m: chloritized and silicified band, $\angle 20$ deg., w=3cm, with weak pyrite dissemination 242-244.5: quartz + pyrite veinlets, w=2mm, $\angle 70-90$ deg., with pyrite dissemination 245.2m: strongly chloritized and silicified zone with pyrite + (chalcopryrite) dissemination 246.0m: quartz + pyrite + (chalcopryrite) veinlets, w=2mm, $\angle 65$ deg.	0	0	0	1	0	250.0 - 253.0		100	1.8	146.0	82.0	209.0	19.0				
		0	0	0	1	0		253.0 - 256.0	11	0.8	159.0	33.0	164.0	<2.0				
258.3	246.2-258.3m: fresh granite including alteration bands (w=1cm to 5cm, including epidote, pink feldspar & chlorite), 50-100cm interval 248.5m-251.0m: quartz + pyrite veinlets, $\angle 70-85$ deg., w=2mm \pm , 3-5cm interval, with pyrite dissemination 251.8m: chlorite veinlets, horizontal, with silicification, width=2cm 252.0-254.8m: quartz + pyrite + (molibdenite) veinlets, 3-7cm interval, $\angle 70-80$ deg., w=2mm \pm , with small amount of chalcopryrite	1	1	0	1	1	256.0 - 259.0		10	1.2	90.0	45.0	163.0	27.0				
		1	0	1	3	3		259.0 - 262.0	90	0.8	66.0	20.0	74.0	16.0				
259.4	258.3-259.4m: dense network of chlorite & epidote, plagioclase changes to epidote, mafic minerals change to chlorite, with weak dissemination of pyrite & chalcopryrite	1	0	1	2	2	262.0 - 265.0		20	1.6	85.0	44.0	175.0	7.0				
		1	0	0	1	1		265.0 - 268.0	10	1.2	152.0	41.0	185.0	19.0				
265.8	259.4-265.8m 260.5-261.0m: a lot of pyrite stringers 262.8-263m: quartz + pyrite + (molibdenite) stringers and pyrite + chlorite stringers, 3cm interval 264-265.8m: quartz + pyrite + (molibdenite) stringers, 1-5cm interval, $\angle 70-80$ deg.	1	0	0	1	1	268.0 - 271.0		10	2.2	231.0	85.0	98.0	9.0				
		1	0	0	1	1		271.0 - 274.0	10	1.4	268.0	131.0	107.0	94.0				
267.5	265.8-267.5m: silicified rock with a lot of quartz + pyrite veinlets, including a small amount of molibdenite	3	2	0	0	0	274.0 - 277.0		10	3.2	98.0	542.0	66.0	12.0				
		3	2	0	0	0		277.0 - 280.0	10	1.2	59.0	28.0	85.0	59.0				
273.3	267.5-273.3m 268.0-269.0m: quartz + pyrite veinlets in slightly epidotized granite, $\angle 75$ deg., w=2mm \pm 269.5-273.3m: a lot of pyrite stringers and quartz + pyrite veinlets, $\angle 65-80$ deg.	0	0	0	1	1	5-280.0 P		277.0 - 280.0	10	1.2	59.0	28.0	85.0	59.0			
		0	0	1	3	2												
270	273.3-282.2m: pink colored, strongly chloritized and epidotized granite, with chlorite veinlets, with epidote veinlets, with minor calcite veinlets, with epidotized bands ($\angle 20$ deg., w=5cm \pm) at 275-281.5m 278m: quartz veinlets $\angle 75$ deg., w=3mm 280.5m: molibdenite + pyrite stringers, $\angle 80$ deg., w=1-2mm	1	0	0	1	1												
		0	0	1	3	2												

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

Scale (m)	Column	Depth (m)	Description	Silicification	Sulfidation	Argilliza	Chloritiza	Epidolitiza	Examined Sample	Assay Interval	Assay results												
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)							
290	+	282.2	<p>282.2-287.7m: light gray, hornblende - biotite granite with alteration bands (w=3-4cm, \angle 30-60deg.) of epidote + pink feldspar, with traces of pink colored calcite veinlets (\angle 65 to \angle 70deg., w=2-4mm)</p> <p>287.7-290.3m: pink colored granite with chlorite stringers & epidote stringers, \angle 20-75deg., mafic minerals change to chlorite, plagioclase changes to white clay</p> <p>290.3-294.4m: pinkish light gray colored, hornblende - biotite granite, with minor epidote veinlets & minor chlorite veinlets, 50-100cm interval</p> <p>291.4m: quartz + pyrite stringers, \angle 75deg.</p> <p>294.4-295.8m: silicified zone with a lot of chlorite stringers (\angle 20deg.), pyrite dissemination is weak</p> <p>295.8-300.0m: pink colored granite with chlorite + epidote network, with minor veinlets of calcite</p>	1	0	1	3	2															
		287.7		0	0	1	3	2									280.0 - 283.0	10	0.4	58.0	25.0	77.0	80.0
		290.3		0	0	0	1	1									283.0 - 286.0	10	1.0	64.0	22.0	91.0	13.0
		294.4		0	0	0	1	1									286.0 - 289.0	10	2.8	33.0	20.0	98.0	96.0
		295.8		0	0	2	2	2									289.0 - 292.0	20	2.0	59.0	20.0	104.0	<2.0
		300.0		0	0	1	0	0									292.0 - 295.0	10	0.4	15.0	15.0	65.0	29.0
				1	2	0	3	0									295.0 - 298.0	10	1.0	18.0	19.0	60.0	11.0
				0	0	1	3	1									298.0 - 300.0	10	0.4	12.0	15.0	80.0	33.0
				0	0	1	3	1															
				0	0	1	3	1															

Appendix 6 Log of the Drill Hole "MJTA-6" (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)
		3.0	0.0-3.0m: brown colored surface soil, with a lot of pebbles of weathered rock (ø 3-10cm)	-	-	-	-	-								
		5.4	3.0-5.4m: reddish brown colored porphyritic rock, with hematite network, with minor veinlets of quartz, weakly silicified 4.5m: gossan, w=10cm	-	1	2	-	-		0.0-3.5	10	<0.10	88.0	6.3	31.5	<2.0
		8.0	5.4-8.0m: light gray to pale brown colored, strongly silicified rock, with dense network of hematite, original rock texture is completely destroyed by strong alteration	-	1	2	-	-		3.5-6.0	10	0.4	40.0	5.5	11.5	<2.0
		9.4	8.0-9.4m: argillized & weakly silicified rock with dense network of hematite	-	3	1	1	1		6.0-9.0	10	0.1	44.0	7.0	10.5	<2.0
		10.5	9.4-10.5m: strongly silicified rock with dense network of hematite	-	2	2	1	-		9.0-12.0	20	0.6	52.5	7.7	16.5	<2.0
		11.8	10.5-11.8m: reddish brown to dark brown colored, hematite-rich rock, with dense network of hematite, with dissemination of hematite	-	3	1	1	1		12.0-15.0	20	0.2	30.0	17.8	23.0	<2.0
		19.6	11.8-19.6m: yellowish brown to brownish gray colored porphyry, with dense network of hematite - limonite, with strong dissemination of hematite-limonite, original rock texture is unclear, with minor quartz veins (ex. 1.3-4m, w=3cm, ∠60deg.) plagioclase phenocrysts are replaced by white clay or pale green colored mineral	-	2	3	-	1		15.0-16.0	20	0.9	44.5	21.5	33.0	<2.0
		20.5	19.6-20.5m: light gray, strongly silicified rock with pyrite dissemination (total amount of sulfide = 2% ±), with hematite network, with hematite dissemination transition zone between oxide zone and sulfide zone	-	1	3	-	1		16.0-17.0	50	0.2	49.5	10.4	22.0	7.0
		21.5	20.5-21.5m: pinkish light gray to pale green, porphyritic granite, with chlorite stringers & pyrite stringers, with weak dissemination of pyrite, with traces of quartz veinlets, cracky core (ø 2-5cm)	-	2	3	-	1		17.0-18.0	50	6.5	44.5	7.4	38.0	<2.0
		25.0	21.5-25.0m: pinkish light gray to pale green, porphyritic granite, with chlorite stringers & pyrite stringers, with weak dissemination of pyrite, with traces of quartz veinlets, cracky core (ø 2-5cm)	-	2	3	-	1		18.0-19.0	40	0.3	36.5	6.4	26.0	<2.0
		39.1	25.0-39.1m: pink gray colored, medium to fine grained (porphyritic) granite, fracture-rich, cracky core (ø 3-5cm), strongly chloritized, with weak dissemination of pyrite, with a large quantity of chlorite stringers (1-5cm interval), with a lot of pyrite stringers, with weak dissemination of pyrite, mafic minerals are replaced by chlorite, plagioclase is replaced by white clay 36.0m: quartz + pyrite veinlets, ∠60deg, w=3mm	2	3	2	-	1	6-20.8	19.0-20.0	60	0.5	33.5	6.6	25.0	2.0
		39.9	39.1-39.9m: light gray, slightly silicified porphyritic granite, with minor stringers of pyrite (interval 10cm ±)	2	3	2	-	-	X	20.0-21.0	30	0.5	27.5	8.4	14.0	19.0
		45.3	39.9-45.3m: pinkish light gray colored granite, plagioclase changes to epidote & white clay, mafic minerals change to chlorite with chlorite network, with quartz + pyrite veinlets (20cm interval, ∠80deg.), partly silicified, with weak dissemination of pyrite	-	2	3	-	1		21.0-24.0	20	0.1	37.0	6.9	34.0	<2.0
		46.3	45.3-46.3m: greenish gray, strongly argillized rock with a lot of quartz + chlorite + clay veinlets (∠90-70deg, 5mm interval)	1	1	2	2	0		24.0-27.0	10	0.4	28.5	9.4	43.5	<2.0
		47.6	46.3-47.6m: strongly altered rock, strongly chloritized, epidotized, argillized rock, with pyrite dissemination, partly silicified with druses (inside: coarse grained quartz crystals) original rock texture is completely destroyed with minor veinlets of quartz	0	0	1	2	1		27.0-30.0	10	<0.10	22.0	3.7	70.0	<2.0
		51.9	47.6-51.9m: strongly altered rock, strongly chloritized, epidotized, argillized rock, with pyrite dissemination, partly silicified with druses (inside: coarse grained quartz crystals) original rock texture is completely destroyed with minor veinlets of quartz	0	0	1	2	0		30.0-32.7	43	<0.10	20.0	11.6	55.8	<2.0
		57.7	51.9-57.7m: pinkish gray to greenish gray, granite, with chlorite + pyrite stringers (3-5cm interval), mafic minerals change to chlorite, plagioclase changes to white clay & epidote with weak dissemination of pyrite	0	0	1	2	1		32.7-36.0	50	<0.10	24.0	16.2	60.6	<2.0
		61.3	57.7-58.0m: strongly silicified rock with veins of quartz + chlorite + pyrite (w=5cm, ∠80deg.) with pyrite stringers with pyrite dissemination	1	0	1	2	1		36.0-39.0	50	<0.10	24.0	9.6	55.8	<2.0
		63.0	58.0-61.3m: same to 51.9-57.7m 59.5-60.0m: pyrite + quartz veinlets (w=3mm, ∠70deg.)	0	0	1	2	1		39.0-42.0	<10	<0.10	30.0	12.8	57.6	<2.0
			61.3-63.0m: greenish light gray, altered granite, plagioclase & K-feldspar are altered to white clay, mafic minerals are altered to chlorite & epidote with strong dissemination of pyrite, with clay stringers (1-2cm interval)	1	0	1	2	1		42.0-45.0	23	<0.10	30.0	11.0	58.4	<2.0
			63.0-75.6m: weakly chloritized dacite dyke, greenish light gray, very fine grained, glassy, with biotite phenocrysts (ø 0.5mm ±), with a lot of holes (ø 3-5mm) no mineralization	1	1	1	2	1		45.0-48.0	23	0.8	36.0	152.6	229.8	<2.0
				3	2	3	3	3	6-49.2	46.0-49.0	30	<0.10	78.0	191.6	81.2	<2.0
				3	2	3	3	3	PTX1	49.0-50.0	27	4.4	360.0	839.6	288.0	7.0
				1	1	1	3	3		50.0-51.0	17	1.2	59.5	79.4	99.2	<2.0
				3	2	3	3	3		51.0-52.0	23	0.8	46.0	108.6	98.6	<2.0
				1	0	1	2	1		52.0-55.0	17	0.8	26.0	14.0	73.2	<2.0
				1	0	1	2	1		55.0-58.0	10	<0.10	24.0	11.4	60.4	<2.0
				1	0	1	2	1		58.0-61.0	20	0.2	24.0	9.6	57.8	<2.0
				3	0	3	1	1		61.0-62.0	20	0.4	18.0	15.6	60.2	<2.0
				3	0	1	2	1		62.0-63.0	17	0.2	38.0	15.2	63.4	<2.0
				0	0	1	1	0		63.0-67.0	<10	<0.10	4.0	7.6	125.4	<2.0
				0	0	1	1	0								
				0	0	1	1	0								
				0	0	1	1	0								

Appendix 6 Log of the Drill Hole "MJTA-6" (2/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
			75.6-82.5m: medium grained granite and dacite dyke	0	0	1	1	0		67.0-71.0	10	<0.10	32.0	8.4	111.2	<2.0
		75.6	medium grained granite; mafic minerals are altered to chlorite, plagioclase is altered to epidote and white clay, with pyrite dissemination, total amount of pyrite = 1-2%, with chlorite and pyrite stringers (2-5cm interval)	0	0	1	1	0								
		76.9	77.7	0	0	1	1	0								
		78.5	79.3	0	0	1	1	0								
		80.1	80.9	0	0	1	1	0								
		81.0	81.8	1	0	1	1	0								
		82.5	83.3	2	0	1	1	1		74.0-77.0	23	1.8	168.0	18.0	73.2	<2.0
		83.1	83.9	0	0	1	1	0								
			82.5-83.4m: white, strongly argillized granite, with weak dissemination of pyrite	1	0	1	1	0								
			83.4-91.55m: dark green colored, fine grained, chloritized andesite dyke, with chlorite stringers, rarely traces of pyrite grains are locally found, with minor stringers of chlorite + pyrite, with minor stringers of quartz stringers	0	0	1	1	0								
			91.55-92.5m: strongly argillized rock, greenish light gray colored, with pyrite dissemination, with a lot of chlorite stringers	0	0	1	1	0								
			92.5-95.3m: greenish pale gray, weakly silicified & chloritized rock, with a lot of pyrite stringers, with minor veinlets of quartz + pyrite	0	0	0	1	0								
			95.3-97.1m: greenish gray, strongly silicified, chloritized & epidotized rock, with quartz-pyrite veinlets, with pyrite dissemination	0	0	0	1	0								
		91.6	92.4	0	0	0	1	0								
		92.5	93.3	1	1	3	2	1		89.0-92.0	17	0.4	34.0	20.8	86.4	<2.0
		95.3	96.1	1	1	3	2	1								
		97.1	97.9	2	1	2	2	1								
			97.1-102.9m: pink colored granite, with stringers of pyrite + chlorite (10cm interval), with weak dissemination of pyrite	2	1	2	2	1								
			101.9m: quartz + pyrite + chlorite veinlets, \angle 75deg, w=4-5mm	4	3	2	3	3		92.0-95.0	20	2.2	18.0	22.8	81.0	<2.0
			102.9-105.0m: green colored, silicified & chloritized rock, with pyrite dissemination, with a lot of quartz + pyrite stringers, locally quartz + pyrite network are found	4	3	2	3	3		95.0-96.0	40	0.8	60.0	85.0	75.2	<2.0
			103.0m: quartz + pyrite veinlets, \angle 30deg, w=3mm	4	3	2	3	3		96.0-97.0	47	1.4	54.0	80.4	72.0	<2.0
			104.0m: quartz + pyrite veinlets, \angle 30deg, w=3mm	1	0	1	2	1								
			104.7m: quartz veinlets, \angle 70deg, w=2cm	0	0	1	2	0								
		102.9	103.7	0	0	1	2	0		97.0-100.0	20	0.6	34.0	38.6	65.4	<2.0
		105.0	105.8	0	0	1	2	0								
			105.0-109.9m: slightly silicified & argillized granite, mafic minerals are altered to chlorite, with chlorite + pyrite veinlets(interval 2-5cm)	1	0	1	2	0								
			106.8m: quartz + pyrite vein, \angle 75deg, w=2cm	2	2	1	3	1		100.0-103.0	30	5.6	32.0	48.6	89.4	<2.0
			109.9-112.0m: strongly chloritized, strongly epidotized, weakly argillized, weakly silicified rock, with dense dissemination of pyrite, with network of pyrite	2	2	1	3	1								
			112.0-112.5m: strongly silicified rock with quartz veins (\angle 75deg, w=15cm)	1	1	1	2	1		103.0-106.0	33	1.0	72.0	33.6	71.4	<2.0
		109.9	110.7	2	1	1	2	1								
		112.0	112.8	1	1	1	2	1								
			112.5-118.4m: strongly chloritized, strongly epidotized, slightly argillized, weakly silicified rock, with dense network of pyrite + chlorite	0	0	1	2	1		106.0-109.0	23	0.6	36.0	39.2	63.4	<2.0
			116.4-116.7m: strongly silicified rock with pyrite dissemination	2	2	1	3	3								
			118.4-119.1m: light gray, strongly silicified rock with dense dissemination of pyrite	3	3	0	1	0		109.0-112.0	43	0.8	40.0	18.4	60.2	<2.0
			119.1-121.3m: greenish gray strongly chloritized and epidotized rock, with minor veinlets of quartz, with pyrite stringers	1	1	0	3	3		112.0-113.0	33	30.4	24.0	20.2	45.2	<2.0
		118.4	119.2	1	1	0	3	3								
		121.3	122.1	1	1	0	3	3								
			121.3-124.4m: light gray, strongly silicified rock with dense dissemination of pyrite, with a lot of quartz + pyrite stringers(network), with minor veinlets of pyrite + quartz (\angle 80deg, w=3-5mm)	2	3	0	1	0		113.0-116.0	37	0.6	34.0	12.4	77.2	<2.0
		124.4	125.2	2	3	0	3	3								
		125.9	126.7	1	1	0	3	3								
		127.2	128.0	3	3	0	1	0		116.0-119.0	37	18.4	166.0	33.6	44.8	<2.0
		135.1	135.9	2	3	0	1	0								
			124.4-128.1m: pink colored granite, mafic minerals are replaced by epidote and chlorite, with stringers of chlorite, with stringers of chlorite + pyrite (3-5cm interval)	1	1	1	3	2		119.0-121.0	37	1.6	48.0	221.0	65.2	<2.0
			125.9-127.2m: granite porphyry with weak dissemination of pyrite	3	3	0	1	2								
			128.1-128.6m: strongly silicified rock, with strong dissemination of pyrite, with veinlets & stringers of pyrite + quartz (\angle 75deg - \angle 90deg)	3	3	0	1	2		121.0-123.0	23	1.6	20.0	14.0	56.2	<2.0
			128.6-135.6m: pink colored granite, mafic minerals are replaced by chlorite, plagioclase changes to epidote + white clay,	3	3	0	1	2		123.0-124.0	67	4.6	152.0	818.0	66.8	<2.0
			with chlorite stringers (3-5cm interval), with stringers of chlorite + pyrite (10cm interval)	1	0	0	1	1								
		135.6	136.4	1	0	0	1	1		124.0-127.0	37	2.8	66.0	15.6	48.0	<2.0
			135.6-139.4m: green colored granite with dense network of chlorite (interval 2-4cm), and with stringers of pyrite + chlorite, with minor veinlets of quartz + pyrite, pyrite dissemination is weak	3	3	0	2	2								
		139.4	140.2	0	0	1	2	1		127.0-130.0	47	1.2	120.0	24.8	57.2	<2.0
				0	0	1	2	1								
				0	0	1	2	1								
				0	0	1	2	1		130.0-133.0	23	1.6	152.0	36.4	71.0	<2.0
				0	0	1	2	1								
				1	0	1	3	1		133.0-136.0	23	3.2	120.0	57.0	74.0	<2.0
				1	0	2	3	2								
				1	0	1	3	1								
				1	0	2	3	2		136.0-139.0	40	0.8	56.0	20.8	63.4	<2.0
				1	1	1	3	1								

Appendix 6 Log of the Drill Hole "MJTA-6" (3/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation - Silicifica.	Argilliza	Chloriniza	Epidotiza.	Examined Sample	Assay Interval	Assay results					
										Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
		148.4	139.4-148.4m: light gray to pale greenish gray, strongly silicified rock, original rock texture is destroyed, alteration mineral assemblage = quartz >> pyrite >> minor chlorite > minor epidote, white clay with a lot of stringers of pyrite (interval 0.5-1cm), with pyrite dissemination with minor veins of quartz + pyrite (<65deg - <70deg., w=2-3cm)	2 3 1 0 1	3 3 1 1 2	3 3 1 1 2	3 3 2 3 2	6-145 0 I	139.0 - 142.0	67	0.2	80.0	17.4	39.0	<2.0
									142.0 - 143.0	50	<0.10	112.0	18.0	41.2	<2.0
									143.0 - 144.0	43	0.6	72.0	12.8	42.8	<2.0
									144.0 - 145.0	147	2.0	66.0	130.2	35.8	<2.0
									145.0 - 146.0	93	0.1	95.0	12.0	40.0	<2.0
									146.0 - 147.0	347	0.4	94.0	25.6	36.2	<2.0
		148.4	148.4-152.2m: greenish gray, silicified, chloritized & epidotized granite with stringers of pyrite + chlorite, with veinlets of quartz + pyrite, with stringers of pyrite, with pyrite dissemination, original rock texture is clear (149-151m, w=3cm ±)	3 3 0 1 1	3 3 0 2 2	1 2 0 3 2	3 3 1 2 1	6-151.0 PT	147.0 - 148.0	137	<0.10	66.0	12.2	36.4	<2.0
		152.2	152.2-154.2m: pale green colored, silicified & chloritized porphyry, contains a lot of plagioclase phenocryst (ø 3-4mm), with pyrite disseminations, with chlorite + pyrite, quartz + pyrite stringers (1-3cm interval), partly network	3 2 1 2 2	3 2 1 2 2	3 3 1 2 1	3 3 1 2 1		6-153.0 PT	149.0 - 151.0	27	0.4	54.0	10.8	42.4
		154.2	154.2-157.6m: pale green to light gray, strongly silicified rock with pyrite dissemination, with quartz + pyrite network, with pyrite stringers, with quartz veinlets, with chalcopyrite + quartz vein	3 2 1 2 2	3 2 1 2 2	3 3 1 2 1	3 3 1 2 1			151.0 - 152.0	47	0.2	84.0	15.8	50.2
		157.6	157.6-159.3m: chloritized, epidotized & slightly silicified rock, with minor quartz veinlets, with pyrite dissemination, total amount of pyrite is 2% ±	3 3 1 2 1	3 3 1 2 1	2 1 1 2 1	3 3 1 2 1		152.0 - 153.0	40	0.6	52.0	12.6	64.8	<2.0
		159.3	159.3-160.3m: light gray, strongly silicified rock with pyrite stringers (1cm interval)	3 3 1 2 1	3 3 1 2 1	1 1 1 2 1	1 1 1 2 1		153.0 - 154.0	17	2.2	38.0	11.6	40.6	<2.0
		160.3	160.3-166.0m: chloritized and epidotized rock, greenish gray colored, with chlorite stringers, with chlorite + pyrite stringers (2-5mm interval), with minor alteration bands of pink feldspar	2 1 1 2 1	1 1 1 2 1	1 0 1 2 1	1 0 1 2 1		154.0 - 157.0	50	0.4	34.0	12.4	35.4	<2.0
		166.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 0 1 2 1	1 0 1 2 1	0 0 1 2 1	0 0 1 2 1		157.0 - 160.0	17	1.8	110.0	14.0	43.2	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	0 0 1 2 2	0 0 1 2 2	0 0 1 2 1	0 0 1 2 1		160.0 - 163.0	17	1.8	58.0	14.4	43.4	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	0 0 1 2 1	0 0 1 2 1	0 0 1 2 1	0 0 1 2 1		163.0 - 166.0	33	<0.10	56.0	15.2	46.0	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	0 0 1 2 2	0 0 1 2 2	0 0 1 2 1	0 0 1 2 1		166.0 - 169.0	17	<0.10	56.0	21.6	39.6	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	0 0 1 2 1	0 0 1 2 1	0 0 1 2 1	0 0 1 2 1		169.0 - 172.0	<10	0.8	78.0	24.0	53.4	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 1 1 2 2	1 1 1 2 2	0 0 1 1 1	0 0 1 1 1		172.0 - 175.0	13	<0.10	52.0	23.6	55.6	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	0 0 1 1 1	0 0 1 1 1	0 0 1 1 1	0 0 1 1 1		175.0 - 178.0	47	<0.10	52.0	40.2	58.6	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	0 0 1 1 1	0 0 1 1 1	0 0 1 1 1	0 0 1 1 1		178.0 - 181.0	10	0.6	32.0	41.0	57.8	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	0 0 1 1 1	0 0 1 1 1	0 0 1 1 1	0 0 1 1 1		181.0 - 184.0	20	<0.10	52.0	31.6	51.2	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	0 0 1 1 1	0 0 1 1 1	0 0 1 1 1	0 0 1 1 1		184.0 - 186.0	20	<0.10	82.0	24.8	47.2	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	2 2 1 2 2	2 2 1 2 2	2 3 1 2 2	1 2 1 2 2		186.0 - 187.0	27	<0.10	66.0	21.0	48.8	3.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	2 3 1 2 2	2 3 1 2 2	1 2 1 2 2	1 2 1 2 2		187.0 - 188.0	37	0.2	46.0	20.6	39.2	<2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 2 1 2 2	1 2 1 2 2	2 3 1 2 2	2 3 1 2 2		188.0 - 189.0	<10	0.8	44.0	31.0	36.8	93.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	2 3 1 2 2	2 3 1 2 2	1 1 1 2 2	1 1 1 2 2		189.0 - 190.0	20	<0.10	46.0	17.6	35.6	2.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 1 1 2 2	1 1 1 2 2	1 1 1 2 2	1 1 1 2 2		190.0 - 194.2	<10	0.2	24.0	29.4	46.2	8.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 1 1 2 2	1 1 1 2 2	1 1 1 2 2	1 1 1 2 2		194.2 - 194.5	<10	<0.10	34.0	32.2	48.2	8.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 0 1 2 2	1 0 1 2 2	1 0 1 2 2	1 0 1 2 2		194.5 - 201.0	<10	<0.10	26.0	31.6	46.2	7.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 0 1 2 2	1 0 1 2 2	1 0 1 2 2	1 0 1 2 2		201.0 - 202.5	<10	<0.10	26.0	31.6	46.2	7.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 1 1 2 1	1 1 1 2 1	1 1 1 2 1	1 1 1 2 1	6-202.3 PT	190.0 - 202.0	<10	<0.10	34.0	31.0	40.8	12.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	2 2 1 2 1	2 2 1 2 1	1 0 1 2 1	1 0 1 2 1			202.0 - 203.0	<10	<0.10	42.0	22.4	40.8
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 0 1 2 1	1 0 1 2 1	1 0 1 2 1	1 0 1 2 1		203.0 - 206.0	<10	<0.10	34.0	27.8	52.0	14.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 0 1 2 1	1 0 1 2 1	1 0 1 2 1	1 0 1 2 1		206.0 - 209.0	<10	<0.10	18.0	26.0	42.6	7.0
		171.0	166.0-171.0m: chloritized & epidotized granite, with chlorite + pyrite stringers (3-10cm interval), with weak pyrite dissemination (0.5%)	1 0 1 2 1	1 0 1 2 1	1 0 1 2 1	1 0 1 2 1								

Appendix 6 Log of the Drill Hole "MJTA-6" (4/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicification	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
		210.5-210.7m	light gray, strongly silicified rock with strong dissemination of pyrite, with silicification band ($\angle 70\text{deg.}$)	2	2	2	1	0			<10	1.4	24.0	17.6	43.0	6.0
		210.7-219.0m	pink colored, weakly argillized, weakly epidotized, weakly chloritized granite, hornblende & biotite are replaced by chlorite, plagioclase is replaced by white clay & epidote, with chlorite + pyrite stringers (3-10cm interval), with traces of quartz + pyrite veinlets (216.4m: w=1-1.5cm, $\angle 60\text{deg.}$; 219m: w=0.7cm, $\angle 65\text{deg.}$)	0	0	1	1	1			<10	<0.10	28.0	17.8	46.4	2.0
		219.0-222.7m	pale gray, granite, plagioclase is completely replaced by white clay & epidote, mafic minerals are replaced by chlorite.	2	1	2	1	1			<10	0.4	38.0	29.0	43.4	11.0
		222.7-225.3m	with stringers & veinlets of quartz + pyrite ($\angle 80\text{deg.}$, $\angle 60\text{deg.}$, 2-5cm interval), with pyrite stringers ($\angle 80\text{deg.}$, 10cm interval)	2	2	0	2	2			<10	0.2	34.0	29.4	44.2	23.0
		225.3-228.7m	pale green, strongly epidotized, strongly chloritized & silicified rock, with quartz + pyrite stringers (veinlets, network), with chlorite + pyrite stringers (1-2cm interval), with strong dissemination of pyrite	2	2	0	2	2			<10	<0.10	32.0	10.6	39.4	14.0
		228.7-230.7m	225.3-228.7m: strongly silicified rock with pyrite dissemination, with a lot of pyrite stringers	3	3	0	0	1	6-228.2		30	0.2	24.0	15.4	43.8	14.0
		230.7-235.6m	232.5m: quartz + pyrite vein (w=10cm, $\angle 55\text{deg.}$) 237.5-228m: argillized vein with brecciated structure, $\angle 80\text{deg.}$, after silicification 226.4-227.1m: epidotized chloritized & slightly silicified rock with, with quartz + pyrite stringers (5cm interval)	3	3	0	0	1	PX		<10	0.4	18.0	16.4	31.8	<2.0
		235.6-240.0m	230.7-235.6m: pink colored granite with quartz + pyrite veinlets (2-5cm interval)	3	3	0	0	1			<10	0.2	44.0	15.2	33.0	<2.0
		240.0-243.1m	233.0m: quartz + pyrite vein ($\angle 70\text{deg.}$, w=3cm) 233.7m: quartz + pyrite vein ($\angle 80\text{deg.}$, w=4cm) 234.8m: quartz + chlorite + pyrite vein ($\angle 85\text{deg.}$, w=3cm)	1	1	1	3	3	6-229.0		<10	<0.10	54.0	11.6	39.2	7.0
		243.1-247.7m	235.6-243.1m: strongly silicified rock with pyrite dissemination	1	1	1	3	3	TX		<10	<0.10	42.0	12.4	40.6	15.0
		247.7-250.0m	235.6-236.6m: 238.1-239.2m, 240.0-240.7m: strongly chloritized, epidotized, slightly silicified and argillized rock, with quartz + pyrite + chlorite stringers (2-5cm interval), with pyrite dissemination (total amount of pyrite = 1-2%)	1	1	1	1	1			<10	<0.10	44.0	15.0	44.4	8.0
		250.0-255.0m	243.1-247.7m: pink colored granite, with chlorite + pyrite stringers (1-3cm interval), with minor stringers of quartz + pyrite (10cm intervals)	1	0	1	1	2			<10	<0.10	72.0	15.8	46.6	15.0
		255.0-260.0m	mafic minerals are replaced by chlorite, plagioclase is replaced by white clay and epidote	1	0	1	2	2			30	<0.10	86.0	11.4	33.0	14.0
		260.0-265.0m	247.7-250.0m: pink colored granite, with chlorite + pyrite stringers (1-3cm interval), with minor stringers of quartz + pyrite (10cm intervals)	0	1	1	1	1	6-249.0		37	<0.10	126.0	16.8	34.8	8.0
		265.0-270.0m	epidotized & silicified rock with dense network of quartz + pyrite, with network of chlorite + quartz + pyrite, with pyrite dissemination	1	0	1	2	1	PX		27	<0.10	70.0	16.6	42.0	12.0

Appendix 7 Log of the Drill Hole "MJTA-7" (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)
			0.0-8.0m: coarse grained sand, surface soil, yellowish brown colored	-	-	-	-	-								
			8.0-15.5m: brown, oxide zone, strongly weathered granitic rock, with hematite dissemination, crackly core (ø 1-5cm)	-	-	-	-	-		0.0-3.0	30	1.2	44.0	22.6	104.6	5.0
			15.5-21.4m: brownish gray colored, oxide zone, hornblend-biotite adamerite, plagioclase ± K-feldspar > biotite ± hornblend, quartz plagioclase: 3-5mm K-feldspar, biotite, hornblend: 2-3mm hematite stains along fractures plagioclase and mafic minerals are replaced by chlorite, epidote and hematite	-	-	-	-	-		3.0-6.0	20	0.2	32.0	24.0	125.4	6.0
		8.0		-	-	-	-	-		6.0-9.0	27	0.2	18.0	20.8	79.2	7.0
10			21.4-22.75m: weakly chloritized and weakly epidotized granite, with chlorite stringers, chlorite + pyrite stringers, chlorite + epidote stringers (1-3cm interval) most of mafic minerals change to chlorite	-	-	-	-	-		9.0-12.0	17	0.8	16.0	18.6	52.0	4.0
		15.5		-	-	-	-	-		12.0-15.0	13	0.4	18.0	24.8	49.6	2.0
			22.75-26.0m: greenish light gray colored porphyry, dyke? (< 70deg.), including a lot of plagioclase (replaced by epidote & white clay minerals) phenocrysts (ø 4-5mm) groundmass is composed of chlorite weak dissemination of pyrite, pyrite stringers and pyrite veinlets (3-10cm interval)	-	-	-	-	-		15.0-18.0	40	2.4	18.0	19.8	66.4	4.0
20			26.0-33.1m: biotite-hornblend monzonite, or hornblend-biotite monzonite, pink colored with chlorite stringers (0.5-3cm interval) or chlorite network, traces of pyrite - chlorite stringers occur locally, pyrite dissemination is very weak most of mafic minerals are replaced by chlorite, some plagioclase crystals change to epidote 27.0m: chlorite + quartz vein (< 90deg., w=1cm) 31.0m: chlorite + pyrite veinlets (< 70deg., w=5mm)	-	-	-	-	-		18.0-21.0	30	0.8	22.0	30.6	63.2	3.0
		21.4		0	0	0	1	1		21.0-23.0	23	1.6	26.0	23.6	61.4	2.0
		22.75		1	0	1	2	1		23.0-26.0	23	0.4	98.0	28.0	95.4	3.0
		26.0		0	0	0	2	1		26.0-29.0	30	1.2	32.0	20.8	54.8	8.0
30			33.1-36.2m: strongly silicified part; along vertical fractures, with pyrite dissemination (1-2%) silicified and epidotized part; plagioclase is replaced by epidote and white clay, mafic minerals are replaced by chlorite & pyrite, pink colored feldspar are found	0	0	0	3	1		29.0-32.0	20	0.8	26.0	19.0	59.8	3.0
		33.1		0	0	0	3	1		32.0-35.0	37	0.8	48.0	19.2	69.2	7.0
			36.2-38.4m: pinkish gray, hornblend-biotite granite with a lot of stringers of chlorite (1-2cm interval) plagioclase shows pale green color minor veinlets of clay (white to pale green colored) and minor veinlets of chlorite + pyrite are found	0	2	1	3	2		35.0-36.2	50	16.6	46.0	16.0	59.0	25.0
		36.2		1	2	1	3	3		36.2-38.2	33	0.4	42.0	13.2	65.8	<2.0
		38.4		0	0	1	3	1		38.2-40.0	37	1.2	18.0	14.6	62.2	<2.0
40			40.0-41.8m: hornblend-biotite granite, pink colored, plagioclase shows white to pale green color, K-feldspar is alive, mafic minerals change to chlorite with chlorite stringers, with chlorite + pyrite stringers (1-3cm interval), pyrite dissemination is very weak	1	1	1	3	2		40.0-41.8	23	0.2	52.0	13.2	54.8	<2.0
		40.0		0	0	1	2	1		41.8-43.4	30	0.8	46.0	131.0	68.4	<2.0
		41.8		0	0	1	2	1		43.4-44.9	27	0.2	16.0	27.0	42.0	<2.0
		43.4		0	0	0	2	1		44.9-51.3	27	0.2	24.0	23.8	53.2	<2.0
		44.9		0	0	0	2	1		51.3-51.9	33	0.6	24.0	23.0	57.0	<2.0
50			43.4-44.9m: pink colored granite porphyry	0	0	0	2	1		51.9-52.5	13	0.6	38.0	15.4	53.2	<2.0
		51.3		1	0	1	2	1		52.5-54.9	13	0.6	38.0	15.4	53.2	<2.0
		51.9		2	0	2	2	2		54.9-55.4	13	0.6	56.0	17.6	95.8	<2.0
		52.5		1	0	2	2	2		55.4-57.6	20	0.6	66.0	22.4	63.8	<2.0
		55.4		1	1	3	3	3		57.6-59.6	17	1.4	24.0	11.8	71.0	5.0
		57.6		0	0	2	2	2		59.6-63.0	10	15.8	19.8	29.0	57.4	13.0
60			51.3-51.9m: pale green colored porphyry phenocrysts: plagioclase (ø 5-8mm), hornblende groundmass: strongly chloritized pyrite dissemination: 1% ±	0	0	1	2	1		63.0-66.0	20	<0.10	21.4	16.6	54.6	14.0
		51.9		0	0	1	2	1		66.0-69.0	17	0.2	14.4	16.0	49.6	9.0
		52.5		0	0	1	2	1								
		55.4		0	0	1	2	1								
		57.6		0	0	1	2	1								
		59.6		0	0	1	2	1								
			52.4-52.8m: white, strongly argillized granitoid, mafic minerals are replaced by chlorite, K-feldspar and plagioclase are replaced by white clay minerals pyrite dissemination: 2% ±	0	0	1	2	1								
		52.8		0	0	1	2	1								
		55.4		0	0	1	2	1								
		57.6		0	0	1	2	1								
		59.6		0	0	1	2	1								
			52.8-55.4m: greenish gray to pinkish gray, weakly argillized granite, K-feldspar is alive, plagioclase change to white clay and epidote, all mafic minerals change to chlorite 1st stage: epidotization & chloritization, 2nd stage: argillization pyrite dissemination: 1% or more	0	0	1	2	1								
		55.4-55.6m, 57.6-59.6m: transition zone		0	0	1	2	1								
		55.6-57.2m: alteration mineral assemblage: white clay + epidote + quartz, K-feldspar is dead		0	0	1	2	1								
		57.2-57.6m: strongly silicified rock with pyrite dissemination (2% ±)		0	0	1	2	1								
		57.6-59.6m: greenish gray to pinkish gray, weakly argillized granite, K-feldspar is alive, plagioclase change to white clay and epidote, all mafic minerals change to chlorite 1st stage: epidotization & chloritization, 2nd stage: argillization pyrite dissemination: 1% or more		0	0	1	2	1								
		59.6-69.3m, 71.4-77.2m: pale greenish gray colored granite, all mafic minerals change to chlorite + epidote, plagioclase shows white to pale green colored, pyrite dissemination is weak		0	0	1	2	1								
		69.3		0	0	1	2	1								

Appendix 7 Log of the Drill Hole "MJTA-7" (2/4)

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicifica	Argilliza	Chloritiza	Epidotiza	Examined Sample	Assay Interval	Assay results													
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)								
80	+	71.4	with chlorite stringers, with chlorite + pyrite stringers, with epidote stringers (2-4cm interval, $\angle 70-80\text{deg}$)	0	0	0	1	0	7-94 0 I	69.0 - 72.0	13	1.0	13.4	16.0	42.0	7.0								
		77.2	69.3m: silicified band, $\angle 60\text{deg}$, w=2cm	0	0	1	2	1			72.0 - 75.0	13	0.2	10.6	15.8	35.2	13.0							
		80.0	77.2-80.0m: light gray to pale greenish colored granite, plagioclase and K-feldspar change to white clay and epidote, all mafic minerals change to chlorite pyrite dissemination is weak, slightly silicified, with stringers of chlorite & epidote	0	0	1	2	1				75.0 - 78.0	23	0.2	27.8	20.2	53.6	19.0						
		81.2	80.0-81.2m: strongly silicified and chloritized rock, with a lot of fractures ($\angle 80\text{deg}$), crackly core, dark gray colored	0	1	3	3	3					78.0 - 81.0	33	<0.10	25.0	84.6	84.8	<2.0					
		82.4	81.2-82.4m: pale greenish gray colored, argillized granite, with a lot of chlorite stringers (0.5-1cm intervals)	0	1	2	3	2						81.0 - 84.0	13	0.4	31.2	27.8	63.2	<2.0				
		88.2	82.4-88.2m, 88.7-90.0m: pinkish-gray, weakly argillized granite, with chlorite stringer, with chlorite veinlets ($\angle 80\text{deg}$), with minor veinlets of quartz + pyrite	0	0	1	2	1							84.0 - 87.0	13	0.6	29.7	22.0	52.4	<2.0			
		89.0	88.2-88.7m: white, crackly core, strongly argillized rock, with pyrite dissemination, original rock texture is completely destroyed	0	0	1	2	1								87.0 - 90.0	30	0.4	28.8	25.4	64.6	<2.0		
		90.0	89.0-90.0m: pinkish gray to pale greenish gray, plagioclase changes to clay and epidote, with a lot of epidote + chlorite stringers (3cm interval)	1	2	3	2	1									90.0 - 93.0	30	<0.10	24.8	26.8	56.0	<2.0	
		91.5	90.0-91.5m: pinkish gray to pale greenish gray, plagioclase changes to white clay, all mafic minerals change to chlorite + epidote, with a lot of chlorite + epidote stringers	0	0	1	2	1										93.0 - 95.9m	17	0.2	27.2	21.0	53.0	<2.0
		92.1	91.5-92.1m: hornblende-biotite adamante, pinkish gray, with minor epidote stringers, with minor chlorite stringers	0	0	2	2	2											95.9 - 97.0	20	0.4	37.4	45.2	78.4
93.0	92.1-93.0m: gray to greenish light gray colored, plagioclase changes to white clay and epidote, all mafic minerals change to chlorite, with chlorite stringers, with chlorite + pyrite stringers (0.5-2cm interval) with pyrite disseminations	0	0	2	2	1	97.0 - 100.0	17	0.2	22.6										28.4	67.4	<2.0		
95.9	93.0-95.9m: pale greenish gray, plagioclase changes to argillic mineral, mafic minerals change to chlorite and epidote, with a lot of chlorite stringers (0.5-1cm intervals) with minor epidote stringers, with minor clay veinlets	0	0	2	2	1		100.0 - 103.0	27	<0.10	37.0									24.2	61.6	<2.0		
97.0	95.9-97.0m: light gray colored, strongly silicified band, $\angle 45\text{deg}$, w=40cm, quartz >> sericite, with minor pyrite veinlets, with weak dissemination of pyrite	0	0	2	2	1			103.0 - 105.0	27	<0.10	43.6								20.6	53.2	<2.0		
104.4	97.0-104.4m: all plagioclase changes to white clay, all mafic minerals are replaced by chlorite and epidote, with dense network of chlorite, with dense network of chlorite + pyrite (0.5-1cm interval)	1	3	3	1	0				105.0 - 108.0	23	0.2	56.4							22.8	58.4	<2.0		
104.9	104.4-104.9m: white, strongly argillized rock, with pyrite dissemination, white clay >> chlorite, sericite	1	0	3	3	1					108.0 - 110.0	37	1.0	67.4						25.2	48.2	<2.0		
108.6	104.9-108.6m: strongly silicified band with pyrite veinlets, $\angle 40\text{deg}$	1	1	4	1	0						110.0 - 113.0	27	2.6	46.6					25.4	69.8	<2.0		
109.8	108.6-109.8m: pink colored, weakly argillized granite, with chlorite stringers, with chlorite + pyrite stringers (1-3cm interval)	1	0	1	2	1							113.0 - 116.0	23	<0.10	33.0				19.0	59.8	<2.0		
109.8	109.8-111.5m: pink colored, weakly argillized granite, with chlorite stringers, with chlorite + pyrite stringers (1-3cm interval)	0	0	2	2	1								116.0 - 119.0	23	0.4	28.4			16.6	56.2	16.0		
111.5	111.5-111.9m, 112.6-113.0m: chloritized porphyritic andesite dyke, with pyrite disseminations	0	0	2	2	1									119.0 - 122.0	10	0.4	15.4		8.8	44.6	11.0		
116.8	113.0m: silicified zone, $\angle 50\text{deg}$, w=10cm with pyrite dissemination of (2%±)	1	0	2	2	1										122.0 - 123.2	20	0.6	56.4	14.4	57.2	18.0		
123.2	113.0-116.8m: weakly argillized rock, with pyrite stringers, with pyrite + chlorite stringers (1-3cm interval)	0	0	2	3	2	123.2 - 124.2										23	0.4	16.8	23.2	51.4	<2.0		
123.2	116.8-123.2m: weakly argillized and epidotized rock, with a lot of chlorite stringers (1-2cm interval) all mafic minerals change to chlorite + epidote	0	0	2	3	2		124.2 - 126.2									20	0.6	56.4	14.4	57.2	18.0		
124.2	121.4-121.8m: strongly argillized, chloritized and epidotized rock with small amount of pyrite dissemination	0	0	3	3	3			126.2 - 127.1								33	0.4	30.0	21.8	70.2	<2.0		
126.2	123.2-124.2m: strongly argillized rock, with strong dissemination of pyrite, original rock texture is completely destroyed, porphyry?, angle of intrusion = $\angle 50\text{deg}$	2	0	4	1	0				127.1 - 128.6							40	1.6	56.6	17.4	113.0	<2.0		
128.6	124.2-126.2m, 126.5-127.1m: pale greenish gray, argillized granite, plagioclase changes to white clay (& pale green colored mineral), all mafic minerals change to chlorite and epidote with chlorite stringers, with chlorite + pyrite stringers (1-3cm interval) pyrite dissemination is weak	1	3	2	2	1					128.6 - 132.6						17	0.2	16.8	15.6	58.2	25.0		
132.6	126.2-126.5m: silicified rock with pyrite dissemination (2%), alteration mineral assemblage = quartz >> sericite, white clay, pyrite	0	0	1	1	1						132.6 - 133.4					27	0.2	33.2	27.0	44.2	24.0		
133.4	127.1-128.6m: silicified rock with pyrite dissemination (2%), with chlorite stringers, with pyrite stringers ($\angle 50\text{deg}$)	2	1	2	1	1							133.4 - 136.0				33	0.2	46.2	21.8	57.4	27.0		
136.0	128.6-132.6m: greenish pale gray, argillized rock, plagioclase changes to white clay (& pale green colored mineral), mafic minerals change to chlorite & epidote with chlorite + pyrite stringers, with pyrite stringers, with chlorite stringers (2cm interval) pyrite dissemination is very weak	1	0	2	2	1								136.0 - 139.0			13	0.2	29.8	21.8	53.0	28.0		

Appendix 7 Log of the Drill Hole "MJTA-7" (3/4)

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)	
150	+	151.3	132.6-133.4m: white to greenish lightly gray colored, argillized granite with dense network of pyrite	0	0	1	1	1	7-175.4	X	130.0 - 142.0	10	0.2	33.0	19.4	44.6	35.0
		156.6	133.4-151.3m: pinkish light gray, weakly argillized & chloritized granite, mafic minerals change to chlorite & epidote, plagioclase changes to white clay, with chlorite stringers, with chlorite + pyrite stringers, with pyrite stringers (1-2cm interval), with pyrite dissemination (0.5%-1%), with minor veinlets of epidote (∠80deg., w=5mm at 135.8m)	0	0	1	1	1			142.0 - 145.0	30	0.2	19.4	24.4	53.2	39.0
		157.3	140.0-140.2, 146-149m: alteration is very weak, half of mafic minerals change to chlorite, plagioclase is slightly altered	0	0	1	1	1	145.0 - 148.0	20	1.0	19.0	20.4	46.6	35.0		
		159.5	151.3-156.6m: plagioclase changes to white clay, all mafic minerals change to chlorite & epidote, most of K-feldspar is alive, pyrite dissemination is weak	0	0	2	2	1	148.0 - 151.0	30	7.8	25.4	14.6	40.8	22.0		
		161.7	chlorite stringers occur (1-5cm interval)	0	0	2	2	1	151.0 - 154.0	23	0.8	32.8	18.0	52.4	40.0		
		164.1	156.6-157.3m: crackly core, silicified and argillized rock with pyrite network and pyrite dissemination, total amount of sulfide = 2% - 3%, with quartz + pyrite veinlets	0	0	2	2	1	154.0 - 156.6	17	6.0	30.6	15.0	46.8	23.0		
		164.3	159.5-161.7m: rock texture is not clear because of argillization, chloritization, epidotization & network of chlorite + pyrite with minor dissemination of pyrite	1	2	3	2	1	156.6 - 157.3	30	0.4	37.8	14.2	53.8	26.0		
		166.3	164.1-165.3m: crackly core, argillized granite, with dense network of pyrite, with network of quartz + pyrite, with network of chlorite + pyrite, with pyrite dissemination, with slight silicification	1	1	2	2	1	157.3 - 160.0	33	<0.10	24.4	33.0	49.8	27.0		
		167.3	165.3-172.0m: argillized and chloritized rock, with chlorite + pyrite network, with pyrite network (5-15mm interval)	1	1	3	3	3	160.0 - 164.1	17	0.4	34.0	14.2	48.8	17.0		
		170	+	172.0	quartz + pyrite (+ epidote) veinlets locally occur (50-100cm interval), with pyrite dissemination	0	0	2	2	1	164.1 - 165.3	27	0.4	25.0	12.2	50.0	<2.0
173.7	rock texture is not clear by strong alteration and dense network			1	0	3	2	1	165.3 - 168.0	40	0.4	36.8	14.4	53.8	28.0		
177.7	172.0-173.7m: light gray to pale greenish gray, argillized and silicified rock, with strong dissemination of pyrite, with network of chlorite + pyrite + epidote, rock texture is not clear			0	0	2	2	1	168.0 - 171.0	27	1.0	120.0	37.0	74.0	19.0		
184.3	173.7-184.3m: rock texture is not clear, dark green colored, all mafic minerals change to chlorite, plagioclase changes to pale green or white colored minerals, K-feldspar is alive			0	0	2	2	1	171.0 - 172.0	33	<0.10	55.2	13.0	54.0	22.0		
184.3	with network of chlorite, pyrite, chlorite + pyrite			2	2	3	2	1	172.0 - 173.7	27	0.2	77.8	13.8	50.8	23.0		
184.3	pyrite dissemination is weak			0	1	2	2	1	173.7 - 176.0	23	<0.10	32.8	12.2	44.0	24.0		
184.3	177.7-179.1m, 184.0-184.3m: fracture zone			0	0	2	3	1	176.0 - 179.0	20	<0.10	38.0	17.2	47.4	21.0		
184.3	180.7m: silicified zone with pyrite dissemination, w=3cm, ∠60deg			0	0	2	3	1	179.0 - 182.0	40	0.4	56.0	29.8	64.2	24.0		
184.3	182.0m: quartz veinlets, w=1cm, ∠50deg			0	1	2	2	1	182.0 - 188.0	33	0.8	95.0	12.0	40.0	27.0		
184.3	183.0m: coarse grained quartz vein with druse, including coarse grained pyrite, w=7-10cm, ∠70deg			0	0	2	2	1	188.0 - 191.0	23	2.0	41.8	16.0	49.6	23.0		
190	+	184.3	184.3-196.6m: greenish gray to light gray colored, argillized, chloritized & weakly epidotized granitic rock, original rock texture is not clear because of strong alteration	0	1	2	2	1	7-188.0	PTX	188.0 - 191.0	27	1.4	28.2	22.6	91.4	18.0
		184.3	with weak dissemination of pyrite	0	0	2	2	1			191.0 - 194.0	20	0.4	26.0	2.2	38.6	<2.0
		184.3	with chlorite stringers, with pyrite + chlorite stringers with pyrite stringers (2-3cm interval, ∠50-80deg)	0	0	2	2	1	194.0 - 197.0	33	1.0	14.0	18.4	23.0	<2.0		
		184.3	188-188.2m: strong dissemination of pyrite, amount of pyrite = 2%	0	0	2	2	1	197.0 - 199.0	20	<0.10	28.0	62.6	37.8	<2.0		
		184.3	186.5m, 188.6m: pink-feldspar band, w=3-5cm, ∠40-85deg	1	1	3	3	2	199.0 - 201.0	20	0.8	11.0	7.8	34.2	<2.0		
		184.3	196.6-198.0m: green colored, strongly epidotized and chloritized rock, original rock texture is not clear, all plagioclase changes to epidote, with a lot of chlorite stringers	1	1	3	3	2	201.0 - 201.0	17	0.4	16.0	5.0	43.8	<2.0		
		184.3	198.0-198.6m: rock texture is clear	1	1	3	3	2	201.0 - 202.0	27	0.2	21.6	8.4	25.4	<2.0		
		184.3	198.6-201.2m: strongly chloritized & argillized rock, most of K-feldspar and all plagioclase change to alteration minerals (white clay, epidote, chlorite, etc.), original rock texture is completely destroyed by strong alteration	0	0	2	2	1	202.0 - 205.0	30	<0.10	31.0	4.8	97.2	<2.0		
		184.3	200.5m: sheared zone	0	0	2	2	1	205.0 - 207.0	27	0.2	20.2	13.0	42.2	<2.0		
		184.3	201.5-204.5m: dark greenish gray colored, fine grained porphyritic andesite, with chloritization and weak argillization, with quartz stringers (5-10mm interval, ∠20-70deg), with a lot of open fracture filled with clay (white to gray colored, ∠80deg)	0	0	2	2	1	207.0 - 209.0	20	0.6	29.0	12.0	101.6	<2.0		
200	+	201.2	204.5-206.8m: light gray to light greenish gray colored, strongly argillized rock with chlorite network, with pyrite dissemination, original rock may be granitoid, original rock texture is not clear	0	0	1	2	0									
		204.5	206.8-209.4m: crackly core, fine grained andesitic rock, dark greenish gray colored, with quartz stringers, with pyrite dissemination, with clay veinlets	1	1	3	3	2									
		206.8	209.4-211.1m: greenish light gray, strongly argillized rock with pyrite dissemination, with quartz network, with quartz + pyrite network, with clay vein	2	1	3	3	2									
		209.4		2	1	3	2	1									

Appendix 7 Log of the Drill Hole "MJTA-7" (4/4)

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)	
		211.1	211.1-215.0m: green colored, fine grained, chloritized andesite dyke, with weak pyrite dissemination, including white clay veinlets ($\angle 85\text{deg}$)	2	1	3	2	1		209.0 - 211.0	33	1.0	49.0	11.6	55.8	<2.0	
		215.0	215.0-220.0m: alteration beds of strongly silicified rock and strongly argillized rock	0	0	1	2	0									
			strongly silicified rock: with pyrite dissemination, with quartz + pyrite veinlets ($\angle 40\text{deg}$), original rock may be fine grained andesite	0	0	1	2	0		7-216.0 TX	211.0 - 215.0	30	1.2	32.2	23.2	119.2	<2.0
			strongly argillized rock along fracture zone: sheared rock ($\angle 50\text{deg}$), with pyrite dissemination, with quartz pool ($\approx 2\text{cm}$), crackly core	2	2	3	2	0			215.0 - 216.0	53	6.8	124.0	6.6	267.0	195.0
		220.0	220.0-223.5m: dark green colored, strongly chloritized, strongly argillized, slightly silicified rock	2	2	3	2	0			216.0 - 217.0	30	9.8	121.0	946.0	95.8	11.0
			partly strongly silicified with pyrite dissemination	2	2	3	2	0			217.0 - 218.0	40	1.0	22.4	614.0	76.8	8.0
		223.5	223.5-236.7m: greenish gray colored, porphyritic andesite, hornblend andesite, with chloritization, with chlorite stringers with quartz + pyrite stringers, with epidote + pyrite stringers, with pyrite stringers (interval 2-3cm), pyrite dissemination is weak	2	2	3	2	0			218.0 - 219.0	27	2.2	36.4	164.6	74.2	4.0
				0	1	2	2	0			219.0 - 220.0	23	4.6	106.2	149.2	215.0	9.0
				2	2	3	3	1			220.0 - 221.0	37	1.0	149.4	530.0	75.4	<2.0
				2	3	3	2	1			221.0 - 222.0	30	1.2	54.4	90.8	43.4	<2.0
				2	2	3	3	1			222.0 - 223.0	13	0.6	35.0	43.0	51.4	<2.0
				1	2	2	1	0									
				0	0	1	2	1			223.0 - 226.0	40	1.0	156.0	24.6	103.8	<2.0
				0	0	1	2	1									
				0	0	1	2	1									
				0	0	1	2	1			226.0 - 229.0	37	1.6	135.2	96.0	154.2	<2.0
				0	0	1	2	1									
				0	0	1	2	1									
				0	0	2	2	1			229.0 - 232.0	53	0.2	29.2	258.0	155.6	<2.0
				0	0	2	2	1									
				0	1	3	2	1									
				2	1	2	2	1			232.0 - 235.0	30	0.2	66.0	68.6	106.8	<2.0
		236.7	236.7-237.1m: white, argillized granitoid, K-feldspar and plagioclase change to white clay - mafic minerals change to chlorite, with strong dissemination of pyrite (3% \pm)	0	0	1	2	1		7-237.0 X							
				1	0	2	2	1			235.0 - 238.0	13	0.6	78.0	68.6	83.8	<2.0
				0	0	2	2	2									
				0	0	2	2	2									
				0	0	2	2	2			238.0 - 241.0	30	1.4	33.2	95.4	39.8	<2.0
		241.4	237.1-241.4m: pinkish gray colored granite, plagioclase changes to pale greenish gray colored mineral, all mafic minerals change to chlorite and epidote	0	0	2	2	2									
			with epidote stringers, with chlorite stringers, with chlorite - pyrite stringers (3-5cm interval)	0	0	2	2	2									
			pyrite dissemination is weak	0	2	3	3	2									
				0	2	3	3	2			241.0 - 244.0	10	1.2	49.4	37.6	42.0	<2.0
		243.9	241.4-243.9m: strongly argillized, strongly chloritized and weakly silicified rock, original rock texture is completely destroyed by strong alteration	0	0	2	2	1									
				0	3	2	1	0									
		245.3	245.3-246.0m: coarse grained quartz vein, with druse, w=5cm, $\angle 50\text{deg}$, in the strongly silicified zone	0	0	1	2	1									
				0	0	1	2	1			244.0 - 247.0	27	1.0	58.8	17.6	29.2	<2.0
		247.7	247.7m: coarse grained quartz vein, including coarse grained pyrite crystal (euhedral), w=1-3cm, $\angle 70\text{deg}$	0	1	1	2	1									
				0	1	1	2	1									
				0	0	1	2	1			247.0 - 250.0	10	2.6	69.2	12.6	31.2	<2.0

Appendix 8 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)	-	-	-	-	-								
		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	-	-	-	-	-		00-30	10	<0.1	235.8	19.8	81.4	33.0
			10.0-13.30m: weathered rhyolite porphyry, brownish light gray colored, strongly argillized, crackly core, pebbly core, oxide zone	-	-	-	-	-		30-60	17	0.6	154.2	6.6	72.0	44.0
10		10.0	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	-	2	3	-	-		60-90	23	0.4	72.2	10.2	12.6	20.0
		13.3	19.8-21.8m: white to light gray colored, strongly argillized rhyolite porphyry, rock texture is unclear because of strong alteration, oxide zone	-	0	3	-	-		90-120	10	0.2	161.6	6.2	117.6	12.0
		19.8	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	3	-	-		120-150	33	<0.1	35.0	8.8	94.6	7.0
20		21.8	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, hornblende, quartz plagioclase: ø 3-6mm biotite, hornblende, quartz = ø 3mm = Total amount of phenocryst: 40-50% plagioclase-phenocryst & groundmass are perfectly replaced by white clay minerals, mafic minerals change to chlorite quartz + pyrite stringers (interval of 3-4cm) & dense network of white clay (interval of 5-10mm) occur widely, white clay stringers cut the quartz + pyrite stringers, pyrite dissemination is very weak, 30.8m: chalcopyrite dissemination	-	0	2	-	-		150-180	13	0.8	43.4	18.8	132.8	17.0
		27.5	38.5-41.6m: quartz + pyrite & pyrite network (1-1.5cm interval), slightly silicified, pyrite dissemination occur along these stringers. 38.5m: quartz + pyrite veinlets, w=7-10mm, ∠65deg.	-	0	2	-	-		180-210	110	0.2	118.8	29.4	51.0	3.0
30		38.5	41.6-44.0m: strongly silicified rock with pyrite dissemination, dark gray colored, compact this zone shows brecciated structure	-	1	3	-	-		210-240	50	0.2	69.4	5.4	105.8	4.0
		41.6	44.0-46.3m: strongly argillized rock, greenish gray, dense network of quartz + chlorite + white clay	-	0	3	-	-		240-270	33	0.2	59.2	14.2	112.2	<2.0
		44.0	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	3	-	-		270-300	67	0.2	121.4	14.6	72.4	4.0
		46.3	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		300-330	50	0.2	117.0	20.0	79.6	22.0
50		50.7	54.8-58.7m: 54.8-58.7m: 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	0	0	3	2	0	8-37 5 TX	330-360	80	0.2	145.2	25.8	78.6	33.0
		54.8	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	0	0	3	2	0		360-390	40	<0.1	70.4	17.8	64.4	15.0
		58.7	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 ??	1	1	3	2	0		390-420	77	0.4	108.0	7.4	39.8	44.0
60		65.7		1	1	3	2	0		420-450	77	<0.1	151.4	8.4	60.6	7.0
				0	1	2	1	0		450-480	37	<0.1	96.6	6.8	68.8	<2.0
				0	1	2	1	0		480-510	37	1.6	62.4	7.0	51.8	12.0
				1	1	3	2	1		510-540	40	<0.1	52.6	4.6	47.6	<2.0
				2	1	3	2	1	8-55 6 PT	540-570	30	<0.1	49.0	4.8	49.0	<2.0
				2	1	3	2	1		570-600	50	0.6	64.2	5.6	30.2	<2.0
				1	1	3	2	1		600-630	33	<0.1	48.2	16.2	64.0	<2.0
				2	3	2	1	2		630-660	27	<0.1	54.6	12.0	66.8	13.0
				1	0	2	2	0		660-690	33	<0.1	45.6	10.6	66.4	<2.0
				1	0	2	2	0		690-720	27	<0.1	54.4	13.8	76.8	<2.0
				0	0	2	2	0		720-750	<10	<0.1	37.6	11.0	73.4	<2.0
				0	0	2	2	0		750-780						
				0	1	2	2	1		780-810						
				1	1	2	2	1		810-840						
				1	1	2	2	1		840-870						

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicification	Argillization	Chloritization	Epithermal	Examined Sample	Assay Interval	Assay results					
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
		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		3	4	3	2	2		71.0 - 72.0	70	<0.1	49.2	12.4	93.8	55.0
		77.2	73.4-77.2m: weakly argillized porphyry with traces of pyrite stringers, brownish gray colored	2	2	2	2	2	8-70 8 T	72.0 - 73.0	27	<0.1	19.6	11.2	83.4	7.0
		78.1		1	0	2	2	1		73.0 - 76.0	33	<0.1	30.6	13.8	81.6	<2.0
		83.1	77.2-78.1m: weakly silicified porphyry, quartz + pyrite network with pyrite dissemination	0	0	2	1	0	8-84 0 PTX	76.0 - 79.0	40	<0.1	29.6	26.6	73.0	11.0
		83.1		0	0	2	1	0		79.0 - 81.0	37	<0.1	40.6	21.6	76.6	11.0
		89.3	78.1-83.1m: porphyry, brownish gray phenocryst = plagioclase >> quartz, hornblende > biotite total amount of phenocrysts is 40%-50% traces of quartz + pyrite stringers locally occur 78.6m: quartz + pyrite vein, w=1.5cm, \angle 45deg 82.5m: pyrite + quartz veinlets, w=3mm, \angle 90deg	0	0	2	1	0	8-86 0 P	81.0 - 83.0	37	<0.1	37.0	16.4	91.8	6.0
		89.3		2	2	3	1	0		83.0 - 84.0	67	<0.1	45.0	16.8	59.4	26.0
		94.5	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, \angle 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	84.0 - 85.0	60	<0.1	45.6	12.0	38.6	20.0
		94.5		2	3	3	1	0		85.0 - 86.0	93	<0.1	99.8	16.0	57.8	19.0
		98.3	89.3-94.5m: brownish gray colored porphyry plagioclase phenocrysts (ϕ 3-7mm) 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	2	3	3	1	0	8-102 0 P	86.0 - 87.0	103	<0.1	44.2	18.6	36.2	28.0
		98.3		1	1	3	2	1		87.0 - 89.0	130	<0.1	96.2	18.0	54.2	50.0
		102.9	94.5-98.3m: strongly argillized & weakly silicified zone with dense network of quartz + pyrite, with pyrite dissemination	0	0	2	1	0	8-102 0 P	89.0 - 92.0	97	0.2	147.6	18.4	68.0	8.0
		102.9		0	0	2	1	0		92.0 - 95.0	47	<0.1	61.6	21.8	60.8	8.0
		105.5	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 (ϕ 2-5cm) & dark gray colored silicified matrix	0	1	3	2	0	8-104 0 PTXI	95.0 - 98.3	113	<0.1	64.2	14.8	75.4	15.0
		105.5		4	4	3	1	1		98.3 - 100.0	80	<0.1	31.6	14.8	49.0	<2.0
		109.5	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	8-102 0 P	100.0 - 101.0	43	<0.1	45.0	17.8	55.2	<2.0
		109.5		4	4	3	1	1		101.0 - 102.0	30	<0.1	22.8	13.4	43.6	<2.0
		113.0	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	4	4	3	1	1	8-104 0 PTXI	102.0 - 103.0	30	0.2	50.0	16.6	54.2	23.0
		113.0		2	2	4	1	0		103.0 - 105.5	97	<0.1	157.4	14.4	81.0	26.0
		114.7	109.5-113.0m: pale gray or pale green colored, strongly argillized rock, with a lot of quartz veinlets (\angle 40-70deg., w=3-6mm, 3-4cm interval), with a lot of pyrite stringers	0	0	2	1	0	8-121 0 PI	105.5 - 109.5	93	0.2	117.6	23.0	101.2	34.0
		114.7		1	1	4	3	0		109.5 - 113.0	73	0.2	102.0	22.0	72.0	49.0
		130.7	109.5-114.7m: pale gray or pale green colored, strongly argillized rock, with a lot of quartz veinlets (\angle 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
		130.7		1	3	2	3	0		114.7 - 116.0	113	0.2	129.0	50.2	56.4	58.0
		138.5	113.0-114.7m: porphyritic dacite dyke, \angle 65deg., w=80cm \pm , plagioclase phenocrysts change to white clay & mafic minerals change to chlorite traces of quartz + pyrite veinlets (\angle 70deg., w=5mm \pm) are found	2	5	0	0	0	8-121 0 PI	116.0 - 119.0	110	0.2	46.4	54.0	46.0	<2.0
		138.5		3	5	0	0	0		119.0 - 120.0	77	0.4	52.6	101.8	30.8	28.0
		138.5	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)	3	5	0	0	0	8-121 0 PI	120.0 - 121.0	70	0.6	39.0	137.8	27.0	43.0
		138.5		2	5	0	0	0		121.0 - 122.0	93	0.4	51.2	78.0	44.8	29.0
		138.5	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	122.0 - 123.0	40	<0.1	11.4	40.2	38.0	20.0
		138.5		3	5	0	0	0		123.0 - 124.0	25	<0.1	24.6	41.4	52.6	18.0
		138.5	130.7-138.8m: pale green to light gray colored, strongly argillized & slightly silicified porphyry, with a lot of quartz, quartz + pyrite, pyrite stringers (\angle 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.	3	5	0	0	0	8-121 0 PI	124.0 - 125.0	30	<0.1	20.8	33.2	39.2	28.0
		138.5		3	5	0	1	0		125.0 - 127.0	30	0.4	30.2	127.4	56.6	<2.0
		138.5	138.8-140.6m: light gray colored, argillized & chloritized porphyry, with quartz + pyrite veinlets (\angle 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
		138.5		1	3	2	2	1		129.0 - 132.0	80	<0.1	71.8	43.2	53.4	23.0
		138.5		0	1	3	2	0	8-121 0 PI	132.0 - 135.0	53	<0.1	85.2	23.0	81.6	30.0
		138.5		0	1	3	2	0		135.0 - 138.0	77	<0.1	107.0	25.4	83.6	34.0

Appendix 8 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						
		143.0	1	3	2	2	1	144.0 - 147.0		57	<0.1	75.2	33.4	68.6	35.0							
		146.7	2	4	2	3	1			147.0 - 150.0	70	<0.1	126.4	65.6	92.0	44.0						
		148.0	2	4	2	3	1	150.0 - 151.0			60	<0.1	225.0	22.8	68.4	<2.0						
		151.4	0	2	3	2	1	151.0 - 152.0		50	<0.1	144.4	31.4	80.6	30.0							
		151.5	0	3	3	2	1			152.0 - 153.0	57	0.8	83.4	22.8	73.2	<2.0						
		160		154.3	146.7-148.0m: gray, argillized & slightly silicified porphyry with pyrite stringers	3	4	3		2	1	8-151.0 T	153.0 - 154.0	43	<0.1	121.6	32.0	56.0	<2.0			
				154.3		4	5	1		1	1		154.0 - 155.0	53	0.4	102.2	50.0	77.6	<2.0			
				158.7	4	5	1	1		1	155.0 - 156.0		57	3.0	189.4	19.8	91.2	<2.0				
				161.5	4	5	1	1		1	156.0 - 157.0		57	0.6	63.4	41.2	47.2	<2.0				
				165.0	4	5	0	0		0	157.0 - 158.0		103	1.4	67.4	68.8	45.2	<2.0				
				170		165.0	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 shear zone	3		5	1		1	0	8-157.0 PT	158.0 - 161.0	50	0.2	135.8	87.2	40.4	<2.0
						165.0		3		5	1		1	0		161.0 - 163.0	90	1.2	152.0	36.2	74.8	<2.0
						158.7	2	3		4	3		1	163.0 - 165.0		127	<0.1	249.4	43.8	66.4	<2.0	
161.5	2					3	4	3	1	165.0 - 168.0	70		<0.1			95.0	64.6	71.8	<2.0			
165.0	0					1	3	3	0	168.0 - 171.0	90		0.6	94.6		22.8	75.0	<2.0				
165.0	0					1	3	3	0		171.0 - 172.0		60	3.4		137.2	19.2	77.2	<2.0			
172.4	0					1	3	3	0	172.0 - 175.0	77		0.2	132.8		26.0	68.0	<2.0				
172.4	1					2	3	3	0		175.0 - 176.0		37	<0.1		76.0	34.6	98.4	2.0			
177.0	0					0	1	2	0	176.0 - 181.0	23		0.4	100.8		15.0	148.0	<2.0				
177.0	0					0	1	2	0		181.0 - 184.0		<10	<0.1		93.0	10.6	127.0	<2.0			
185.8	0	0	1			2	0	184.0 - 186.0	17	1.0	39.2	11.6	115.8	<2.0								
185.8	1	3	1			1	0		186.0 - 189.0	210	1.8	78.0	11.4	70.0		<2.0						
188.0	3	4	1			1	0	189.0 - 192.0	70	<0.1	147.2	24.8	81.4	<2.0								
188.0	0	0	1			3	1		192.0 - 195.0	70	<0.1	69.2	19.2	87.8		<2.0						
190.0	0	0	1			3	1	195.0 - 198.0	60	<0.1	154.0	28.8	80.4	2.0								
190.0	0	0	1	3	1	198.0 - 201.0	50		1.2	98.2	34.2	85.8	<2.0									
192.0	0	0	1	3	1	201.0 - 204.0	50	0.2	104.8	16.2	94.6	<2.0										
192.0	0	0	1	3	1		204.0 - 207.0	40	0.8	97.0	22.8	86.8	<2.0									
205.3	0	0	1	3	1	207.0 - 210.0	70	<0.1	86.4	25.2	81.2	<2.0										
205.3	0	0	1	3	2																	

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Silicification	Argillization	Chloritization	Epidotization	Examined Sample	Assay Interval	Assay results							
											Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)		
220	[Grid]	214.4	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. pyrite stringers, chlorite + pyrite stringers & quartz + pyrite veinlets occur (interval of 2-3cm), pyrite dissemination is weak, traces of chalcopyrite stringers occur locally	0	0	1	4	2	8-231 0 TX	210.0 - 213.0	80	<0.1	115.6	37.0	79.0	<2.0		
				1	1	1	4	2			100	<0.1	116.4	43.4	74.6	<2.0		
				2	3	2	2	1			80	<0.1	88.8	29.2	63.8	<2.0		
		226.0	219.0-226.0m: strongly silicified rock, greenish dark, gray colored dense network of quartz, quartz + pyrite, pyrite, chlorite + pyrite, quartz + calcite + pyrite weak dissemination of pyrite a lot of veins & veinlets of quartz & quartz + pyrite (interval of 5-15cm, \angle 40-80deg., w=4-15mm)	2	4	2	2	2	8-240. 2 P	219.0 - 222.0	50	0.2	96.0	39.0	86.0	15.0		
				2	4	2	2	2			40	<0.1	82.0	26.0	80.0	46.0		
				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				30	<0.1	37.0	24.0	80.0	8.0	
				1	4	1	2	2				20	<0.1	67.0	51.0	109.0	8.0	
				1	4	1	2	2				50	<0.1	34.0	36.0	73.0	15.0	
		237.5	226.0-237.5m: greenish dark gray colored, strongly silicified porphyry, with network of quartz + pyrite, pyrite (1-3cm interval), with veinlets of quartz + pyrite (5-10cm interval) rock texture is not clear because of the strong silicification, chloritization & epidotization, plagioclase phenocrysts change to pale green colored minerals (epidote?), groundmass is replaced by quartz & chlorite, pink colored anhedral minerals locally occur in the groundmass (K-feldspar?) 232m: quartz + pyrite vein, \angle 60-70deg., w=1cm 235m: quartz + pyrite vein, \angle 45deg., w=1cm 236.5m: quartz vein, \angle 85deg., w=0.5-1.5cm	1	4	1	2	2	8-249 1 PTXI	237.0 - 240.0	30	<0.1	76.0	17.0	55.0	2.0		
				2	4	1	2	2			40	<0.1	84.0	19.0	68.0	<2.0		
				1	4	2	2	2			30	<0.1	59.0	18.0	62.0	<2.0		
				1	4	1	2	2			20	<0.1	101.0	21.0	57.0	<2.0		
				1	4	1	2	2			30	<0.1	82.0	36.0	62.0	<2.0		
				1	4	1	2	2										
240	[Grid]	237.5	237.5-250.0m: light gray to greenish light gray colored, strongly silicified rock, chloritized & weakly epidotized, rock texture is completely destroyed by strong alteration with quartz stringers & quartz + pyrite stringers (\angle 40-75deg., intervals of 2-3cm) with quartz + pyrite veinlets (\angle 70-90deg.) rarely occur 247-250m: clay veins (w=2-10mm) rarely occur 240m, 245m: quartz + pyrite vein (\angle 50-55deg., w=15mm)	1	4	1	2	2	8-249 1 PTXI	240.0 - 243.0	40	<0.1	84.0	19.0	68.0	<2.0		
				1	4	2	2	2			30	<0.1	59.0	18.0	62.0	<2.0		
				1	4	2	2	2			20	<0.1	101.0	21.0	57.0	<2.0		
		250.0	240.0-250.0m: light gray to greenish light gray colored, strongly silicified rock, chloritized & weakly epidotized, rock texture is completely destroyed by strong alteration with quartz stringers & quartz + pyrite stringers (\angle 40-75deg., intervals of 2-3cm) with quartz + pyrite veinlets (\angle 70-90deg.) rarely occur 247-250m: clay veins (w=2-10mm) rarely occur 240m, 245m: quartz + pyrite vein (\angle 50-55deg., w=15mm)	1	4	2	2	2	8-249 1 PTXI	240.0 - 243.0	40	<0.1	84.0	19.0	68.0	<2.0		
				1	4	2	2	2			30	<0.1	59.0	18.0	62.0	<2.0		
				1	4	2	2	2			20	<0.1	101.0	21.0	57.0	<2.0		
				1	4	2	2	2			30	<0.1	82.0	36.0	62.0	<2.0		
				1	4	2	2	2										
				1	4	2	2	2										
		250	[Grid]	250.0														

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

Scale (m)	Column	Depth (m)	Description	Sulfidation	Siliceifica	Argilliza	Chloritiza	Epididitiza	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	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
		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
		17.4	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
		20.8	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
		21.6	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		15.0 - 18.0	10	0.6	16.0	21.0	35.0	<2.0
		25.4	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		18.0 - 21.0	<10	0.6	16.0	16.0	28.0	<2.0
		28.0	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	-	4	1	0	0		21.0 - 24.0	10	1.0	19.0	15.0	30.0	13.0
		30.0	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		24.0 - 27.0	20	1.0	23.0	13.0	27.0	<2.0
		32.7	32.7-36.5m: transition zone between sulfide zone & oxide zone hematite + quartz network, & pyrite + hematite dissemination	-	4	1	0	0		27.0 - 30.0	20	1.0	23.0	22.0	38.0	20.0
		36.5	36.5-38.5m: sulfide zone start from 36.5m strongly silicified fine grained rock, with a lot of quartz veinlets (∠ 40-50deg., width: 2-4mm), with pyrite + (chalcopyrite?) dissemination, light gray colored	0	4	1	0	0		30.0 - 33.0	10	1.0	16.0	15.0	26.0	30.0
		48.1	38.5-41.0m: strongly silicified porphyry, weak dissemination of pyrite, light gray colored	0	4	1	0	0		33.0 - 36.0	20	1.2	27.0	30.0	26.0	20.0
		50.8	41.0-48.1m: 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	0	4	1	0	0		36.0 - 39.0	30	0.8	21.0	16.0	27.0	13.0
		54.0	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	0	4	1	0	0		39.0 - 42.0	10	1.0	13.0	27.0	27.0	16.0
		55.6	50.8-54.0m: white clay, with network & dissemination of pyrite, total amount of pyrite is about 3%	0	4	1	0	0		42.0 - 45.0	20	1.2	19.0	16.0	26.0	8.0
		61.7	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 ??	0	4	1	0	0		45.0 - 48.0	30	1.2	28.0	16.0	26.0	<2.0
			55.6-61.7m: white clay, with sparse network & weak dissemination of pyrite, strongly argillized porphyry ??	0	4	1	0	0		48.0 - 51.0	10	1.8	27.0	35.0	42.0	16.0
			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 ??	0	4	1	0	0		51.0 - 54.0	40	1.2	29.0	22.0	34.0	20.0
				0	4	1	0	0		54.0 - 57.0	40	1.2	46.0	16.0	27.0	7.0
				0	4	1	0	0		57.0 - 60.0	40	0.8	42.0	20.0	30.0	8.0
				0	4	1	0	0		60.0 - 63.0	30	1.4	60.0	19.0	35.0	<2.0
				0	4	1	0	0		63.0 - 66.0	30	1.6	67.0	21.0	41.0	8.0
				0	4	1	0	0		66.0 - 69.0	60	1.4	148.0	23.0	35.0	13.0
				0	4	1	0	0								

9-45 7
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Appendix 9 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	3 0 5 0 0	1 0 5 0 0	1 0 5 0 0		9-74.0 PX	66.0 - 72.0	40	1.4	264.0	19.0	52.0	13.0	
		81.7	77.0-81.7m: silicified & argillized porphyry, with pyrite network & pyrite dissemination 79.0-80.0m: pyrite + quartz veinlets, width: 5 - 8mm, $\angle 90^\circ$. 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	1 0 5 0 0	3 1 4 0 0	2 1 4 0 0	2 2 3 0 0	3 2 3 0 0		9-74.0 PX	72.0 - 75.0	30	1.6	163.0	20.0	61.0	<2.0
		95.0	95.0-96.0m: strongly silicified rock with strong dissemination of pyrite + (chalcopyrite?), with a lot of pyrite stringers 95.1m: pyrite veinlet, width: 5mm, $\angle 65^\circ$.	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0		9-87.5 X	75.0 - 78.0	30	0.8	57.0	22.0	30.0	7.0
		96.0	96.0-100.0m: silicified granite, with strong dissemination of pyrite + (chalcopyrite), with pyrite stringers, with silicified veins pale green colored mineral (epidote?) appears to have been derived from the alteration of plagioclase	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0		9-87.5 X	78.0 - 81.0	50	1.2	157.0	26.0	27.0	6.0
		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 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0		9-87.5 X	81.0 - 84.0	10	1.4	43.0	32.0	52.0	48.0
		105.6	105.6-111.3m: strongly silicified rock, dark gray to light gray colored, with strong dissemination of pyrite & (chalcopyrite) & black mineral (magnetite?), sulfide minerals are very fine grained a lot of pyrite veinlets & quartz + pyrite veinlets occur, $\angle 60-90^\circ$. 109.2-109.6m: brecciated zone	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0		9-87.5 X	84.0 - 87.0	10	0.9	27.0	31.0	26.0	8.0
		111.3	111.3-116.7m: greenish light gray colored argillized & silicified granitoid medium grained granite?, with pyrite stringers, with pyrite + (chalcopyrite?) dissemination, with pyrite network, with a lot of quartz + pyrite veinlets, total amount of sulfide is 2-3%.	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0		9-87.5 X	87.0 - 90.0	20	0.4	80.0	29.0	28.0	24.0
		116.7	116.7-122.5m: strongly silicified rock, dark gray to light gray colored, with strong dissemination of pyrite, with a lot of pyrite veinlets 119.0-120.5m: quartz + pyrite veins & pyrite veins occur, with ameba shaped pyrite pools ($\Phi 1-2$ cm) 122.5-123.0m: chloritized porphyritic rhyolite dyke, $\angle 55^\circ$, with pyrite stringers, with weak pyrite dissemination	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0		9-87.5 X	90.0 - 93.0	20	0.6	50.0	39.0	29.0	<2.0
		123.0	123.0-125.2m: brecciated zone, breccias are composed of quartz and silicified rock, $\Phi 2-5$ cm, matrix is composed of strongly chloritized & weakly silicified material, with pyrite dissemination, amount of pyrite is 2-3% 125.0-125.2m: sheared zone, $\angle 60^\circ$, width: 15cm, dark gray to dark green colored clay	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0		9-87.5 X	93.0 - 95.0	10	1.2	22.0	37.0	27.0	<2.0
		125.2	125.2-127.3m, 129.6-130.3m: greenish light gray colored altered granite, rock texture is clear plagioclase changes to epidote & white clay, K-feldspar changes to white clay, mafic minerals change to chlorite & (magnetite?), with pyrite network, with pyrite dissemination, with minor veinlets of quartz + pyrite	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0	3 3 3 0 0		9-87.5 X	95.0 - 96.0	20	1.4	31.0	41.0	29.0	<2.0
		127.3	127.3-129.6m, 130.3-134.1m: porphyritic dacite dyke, plagioclase >> quartz phenocrysts give this rock porphyritic appearance, groundmass is dark green colored (by chloritization) pyrite dissemination, pyrite stringers & pyrite network are found, amount of pyrite is 1-2%	2 3 2 0 1	3 3 2 0 1	3 3 2 0 1	3 3 2 0 1	3 3 2 0 1		9-109.3 PT	96.0 - 99.0	20	1.2	41.0	24.0	29.0	<2.0
		130.3	130.3-137.0m: dark gray colored, strongly silicified rock, with pyrite dissemination, with a lot of stringers of pyrite	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1		9-109.3 PT	99.0 - 102.0	30	1.4	45.0	29.0	48.0	<2.0
		137.0	137.0-138.6m: medium grained granite with silicification, epidotization & chloritization, greenish dark gray	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1		9-109.3 PT	102.0 - 105.0	40	0.4	52.0	30.0	33.0	<2.0
		138.6		3 3 3 0 1	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1		9-109.3 PT	105.0 - 108.0	30	2.6	52.0	32.0	29.0	14.0
				4 5 0 0 0	4 5 0 0 0	4 5 0 0 0	4 5 0 0 0	4 5 0 0 0		9-109.3 PT	108.0 - 111.0	30	2.2	39.0	72.0	37.0	<2.0
				2 3 3 0 1	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1	3 3 3 0 1		9-109.3 PT	111.0 - 114.0	30	1.4	38.0	21.0	32.0	<2.0
				3 2 3 0 2	3 2 3 0 2	3 2 3 0 2	3 2 3 0 2	3 2 3 0 2		9-109.3 PT	114.0 - 117.0	40	1.6	17.0	25.0	37.0	<2.0
				2 4 2 0 0	3 5 0 0 0	3 5 0 0 0	3 5 0 0 0	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 5 0 0 0	1 5 0 0 0	1 2 1 0 0	2 3 0 1 0	1 2 0 3 0		9-109.3 PT	120.0 - 123.0	50	2.2	217.0	17.0	50.0	<2.0
				3 5 0 0 0	1 2 0 3 0	2 1 3 3 2	1 1 3 3 2	1 0 1 3 0		9-109.3 PT	123.0 - 126.0	30	1.0	56.0	20.0	78.0	<2.0
				3 5 0 0 0	1 1 3 3 2	1 1 3 3 2	1 0 1 3 0	2 2 1 3 1		9-109.3 PT	126.0 - 129.0	30	2.0	26.0	12.0	140.0	<2.0
				1 5 0 0 0	1 0 1 3 0	2 0 1 3 1	2 0 1 3 1	1 0 1 3 0		9-109.3 PT	129.0 - 132.0	30	1.8	23.0	9.0	143.0	<2.0
				1 5 0 0 0	2 0 1 3 0	2 0 1 3 0	2 5 0 3 2	4 5 0 1 1		9-136.0 P	132.0 - 135.0	40	1.8	132.0	11.0	116.0	<2.0
				1 5 0 0 0	4 5 0 1 1	4 5 0 1 1	2 1 2 2 2	3 0 1 2 0		9-136.0 P	135.0 - 138.0	40	2.2	49.0	21.0	36.0	<2.0
				2 1 2 2 2	3 0 1 2 0	3 0 1 2 0	3 0 1 2 0	3 0 1 2 0		9-136.0 P							

Appendix 9 Log of the Drill Hole "MJTA-9" (3/5)

Scale (m)	Column	Depth (m)	Description	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	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								
				1	1	0	2	2		144.0 - 147.0	30	1.0	13.0	8.0	45.0	<2.0
			140.7-152.2m: greenish dark gray colored granitoid, with silicification, chloritization and epidotization, original rock texture is not clear by strong alteration	1	1	0	3	2								
			pyrite dissemination, a lot of pyrite stringers, a lot of quartz + pyrite stringers, & a lot of chlorite stringers	0	1	0	3	2		147.0 - 150.0	30	1.8	19.0	6.0	52.0	<2.0
150		152.2		2	0	1	3	2								
			152.2-154.3m: strongly silicified rock with strong dissemination of pyrite, with a lot of pyrite veinlets (∠ 40-70deg., width: 2-3mm)	2	1	2	3	3		150.0 - 152.0	30	1.6	13.0	5.0	51.0	<2.0
				1	1	2	3	3								
				3	4	0	2	0		152.0 - 154.0	30	1.4	24.0	13.0	49.0	<2.0
		154.3		3	4	0	2	0								
			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	2	2	0	3	2								
		157.9		2	2	0	3	2								
			157.9-169.0m: gray to dark gray colored, strongly silicified fine grained rock, original rock texture is completely destroyed by strong silicification	3	5	0	1	0		157.0 - 160.0	40	2.6	28.0	11.0	44.0	<2.0
			strong dissemination of fine grained pyrite, with a lot of pyrite stringers (∠ 60-90deg.)	3	5	0	0	0		160.0 - 161.0	40	2.8	28.0	24.0	25.0	17.0
			158.0-158.5m: quartz veinlets, ∠ 30deg., width: 1-2cm	4	5	0	1	0		161.0 - 162.0	30	2.8	19.0	15.0	27.0	<2.0
			158.7-159.0m & 168.0-168.5m: brecciated zone (breccia Φ 2-5cm)	2	5	0	0	0		162.0 - 163.0	30	4.0	18.0	50.0	28.0	<2.0
			164.2m: pyrite stringers and pyrite + quartz pools	2	5	0	0	0		163.0 - 164.0	60	3.2	37.0	73.0	32.0	<2.0
			167.2m: pyrite vein, width: 1cm, ∠ 70deg.	4	5	0	2	1		164.0 - 165.0	40	2.0	37.0	14.0	46.0	15.0
		169.0		3	5	0	1	0								
			169.0-170.4m: porphyritic dacite, weakly silicified, strongly chloritized	3	5	0	0	0		165.0 - 166.0	30	3.6	37.0	22.0	27.0	<2.0
			pyrite dissemination & a lot of pyrite stringers, with traces of quartz + pyrite veinlets, ∠ 30deg.	3	5	0	0	0								
170		170.4		4	2	0	3	0		166.0 - 171.0	40	2.8	29.0	21.0	40.0	16.0
			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	2	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.) amount of sulfide: 2-3% (170.4-175.0m), 1-3% (175.0-180.0m)	2	2	0	3	3		171.0 - 174.0	20	3.8	91.0	7.0	50.0	<2.0
				3	3	0	3	3								
				2	1	1	2	2		174.0 - 177.0	20	1.8	22.0	15.0	44.0	<2.0
				2	1	1	2	2								
				2	1	0	2	2		177.0 - 180.0	20	2.6	15.0	9.0	54.0	<2.0
180		180.0		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
		181.5		2	0	0	3	0		181.5 - 182.5	43	2.8	244.0	14.0	75.0	<2.0
		182.5		3	3	0	3	0								
			chlorite network is cut by pyrite network & by quartz + pyrite network	3	3	0	3	0		182.5 - 185.0	43	3.6	44.0	17.0	36.0	21.0
		185.0		4	5	0	2	0								
			180.0m: quartz vein, width: 1cm, ∠ 45deg.	4	5	0	2	0		185.0 - 186.5	117	11.4	61.0	20.0	37.0	46.0
		186.5		3	5	0	2	0								
			181.5-182.5m: porphyritic dacite dyke, with chloritization, with pyrite veinlets (width: 5mm, ∠ 15deg.), with pyrite dissemination	3	5	0	2	1		186.5 - 190.0	77	5.2	105.0	17.0	54.0	41.0
		190.0		4	4	0	3	2								
			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		190.0 - 193.0	20	3.8	15.0	17.0	38.0	8.0
			183.2-183.7m: brecciated zone	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		193.0 - 196.0	40	1.8	156.0	16.0	47.0	13.0
		195.5		3	3	0	2	1								
			186.5-190.0m: strongly silicified granitoid, with a lot of quartz + pyrite veinlets & chlorite + pyrite veinlets silicification after chloritization (& chlorite veinlets)	3	3	0	2	1		196.0 - 199.0	20	1.8	36.0	15.0	43.0	<2.0
			quartz + pyrite network, pyrite network & pyrite dissemination after chloritization (& chlorite veinlets)	3	4	0	0	0		199.0 - 201.0	37	3.6	19.0	21.0	32.0	5.0
		201.3		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		204.0 - 207.0	33	0.4	28.0	16.0	43.0	10.0
			strong dissemination of pyrite	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		207.0 - 210.0	37	0.2	12.0	12.0	32.0	20.0
				4	3	1	2	1								
				3	2	1	2	1								

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

Scale (m)	Column	Depth (m)	Description	Sulfuration	Silicifica	Anhydrita	Chloritiza	Epidotiza	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 + chalcopyrite dissemination & pyrite stringers, $\angle 60-70^\circ$ deg. a lot of small scale silicified zones (width: 2-3cm) along quartz or quartz + pyrite veinlets, $\angle 45-70^\circ$ 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		5	5	0	0	0			211.8 - 213.5	3883	13.8	37.0	80.0	36.0
			211.8-213.5m: strongly silicified rock, gray colored with strong dissemination of pyrite, with a lot of pyrite stringers	3	1	2	2	0	9-224 0 IX	213.5 - 217.0	37	1.6	21.0	50.0	44.0	913.0
		221.8		4	1	2	2	0			217.0 - 220.0	40	1.8	75.0	70.0	46.0
		222.8	213.5-221.8m: altered granite, all mafic minerals change to chlorite, feldspars change to white clay, weakly silicified, without pink feldspar strong dissemination of pyrite (3-4%), with a lot of pyrite stringers a lot of small scale silicified zones (width: 2-3cm) along quartz veinlets light gray to white 217.0-220.0m: a lot of quartz veinlets ($\angle 35-75^\circ$ deg, 3-10cm intervals), & quartz network	4	3	2	2	0	9-224 0 IX	220.0 - 223.0	33	1.6	45.0	54.0	45.0	865.0
		220.0		3	3	1	2	0			223.0 - 226.0	37	0.5	52.0	41.0	49.0
			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	9-250 0 IX	226.0 - 229.0	30	0.8	68.0	29.0	54.0	715.0
		230		2	3	1	1	1			229.0 - 232.0	43	0.4	33.0	19.0	60.0
			222.8-229.0m: altered granite, weakly silicified, all mafic minerals change to quartz + pyrite + magnetite? feldspars change to white clay light gray to white a lot of quartz + pyrite veinlets (width: 5-10mm, $\angle 70-80^\circ$ deg) strong dissemination of pyrite	3	5	0	1	1	9-250 0 IX	232.0 - 234.2	80	<0.1	36.0	17.0	45.0	510.0
		235.8		4	4	0	0	1			234.2 - 235.8	50	<0.1	87.0	28.0	36.0
			229.0-234.2m: strongly silicified granite, with a lot of veinlets of quartz + pyrite (width: 3-10mm, $\angle 45-75^\circ$ deg) & with quartz + pyrite network with strong dissemination of pyrite	3	4	0	1	1	9-250 0 IX	235.8 - 239.0	30	<0.1	39.0	18.0	62.0	510.0
		240		3	4	0	1	1			239.0 - 242.0	23	0.2	44.0	19.0	55.0
		241.5	234.2-235.8m: strongly silicified rock, original rock texture is completely destroyed by the strong silicification strong dissemination of pyrite, with a lot of stringers ($\angle 65^\circ$ deg) of pyrite	3	3	0	1	1	9-250 0 IX	242.0 - 245.0	23	0.2	44.0	19.0	55.0	106.0
		242.7		3	4	0	0	0			245.0 - 248.0	27	0.4	73.0	21.0	52.0
			235.8-241.5m: silicified granite, sometimes rock texture is clear a lot of quartz + pyrite veins (width: 10-25mm, $\angle 60^\circ$) & veinlets (width: 5-8mm, $\angle 60^\circ$) at intervals of 5-10cm with traces of calcite veinlets	3	3	0	1	1	9-250 0 IX	248.0 - 253.0	23	0.8	51.0	18.0	67.0	511.0
		248.0		3	1	0	1	1			253.0 - 259.0	33	0.2	28.0	21.0	52.0
			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	2	5	0	0	0	9-250 0 IX	253.0 - 259.0	37	0.6	50.0	45.0	39.0	61.0
		253.0		3	5	0	0	0			259.0 - 261.5	27	0.2	84.0	31.0	123.0
			242.7-248.0m: silicified granite, pale greenish gray with a lot of quartz + pyrite veinlets (width: 5mm, $\angle 60^\circ$) at intervals of 3-8cm, with pyrite dissemination, & with pyrite + quartz network with traces of calcite veinlets, $\angle 20-60^\circ$ deg.	2	4	0	1	1	9-250 0 IX	261.5 - 264.3	33	0.8	134.0	28.0	69.0	49.0
		259.0		0	0	0	1	0			264.3 - 265.0	20	<0.1	56.0	16.0	68.0
			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 partiv dark gray colored rock, epidotized rock?	0	0	0	1	0	9-273 0 I	265.0 - 268.0	30	<0.1	99.0	22.0	79.0	32.0
		261.5		2	1	0	2	2			268.0 - 271.0	25	0.2	37.0	19.0	85.0
			253.9-259.0m: silicified granite with quartz veinlets & quartz + pyrite veinlets (width: 5mm, $\angle 60-70^\circ$ deg) at intervals of 5-10cm light gray 257.0-259.0m: a lot of small scale silicified zones (width: 2-3cm) along quartz veinlets	2	1	0	2	2	9-277 0 P	271.0 - 274.0	40	0.2	157.0	17.0	59.0	31.0
		264.3		0	0	0	2	1			274.0 - 277.0	17	2.6	64.0	19.0	76.0
		265.0	259.0-261.5m: dark green colored, chloritized andesite dyke, $\angle 30-35^\circ$ deg., including small grains ($\Phi 1\text{mm}$) of plagioclase phenocryst small amount of quartz phenocrysts ($\Phi 2\text{mm}$) are found ??, dacite ??	0	0	0	2	1	9-277 0 P	277.0 - 280.0	17	2.6	64.0	19.0	76.0	37.0
		266.3		0	0	0	2	1								
			261.5-264.3m: pale green colored, weakly silicified, chloritized (mafic minerals) and epidotized (feldspar) granite, without pink feldspar with pyrite dissemination (1-2%) with quartz stringers	1	5	0	1	2								
		274.0		0	0	0	2	1								
		275.5		2	5	0	1	1								
		276.3		2	3	0	2	2								
		278.2		1	0	2	3	1								
				1	0	2	3	1								

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

Scale (m)	Column	Depth (m)	Description	Silicification	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		280.0 - 281.5	17	0.8	76.0	27.0	117.0	44.0
				0	1	0	0	0		281.5 - 283.0	17	<0.1	83.0	18.0	71.0	<2.0
				2	4	0	0	0	9-281.7 P	282.0 - 283.7	23	<0.1	137.0	18.0	44.0	<2.0
			265.0-272.6m, 274.0-275.5m: chloritized & epidotized granite, rock texture is clear, K-feldspar is clearly observed, green colored	1	2	0	1	1								
			traces of quartz veinlets & chlorite veinlets are found at intervals of 1-2m	0	2	0	2	1		283.7 - 286.0	207	13.0	313.0	368.0	60.0	14.0
		288.0		0	2	0	3	1								
				1	3	0	3	1								
				0	3	0	2	1		286.0 - 288.0	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, $\angle 70\text{deg}$), 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 + chalcopyrite, width: 12cm, $\angle 40\text{deg}$													
			283.7-288.0m: weakly silicified granite, green colored with a lot of quartz veins (width: 7-12mm, $\angle 70\text{deg}$, with molybdenite??) at intervals of 10-20cm													

Appendix 10

Geochemical Results for Central Zalturbulak prospect

SAMPLE ID SCHEME UNITS LIMIT	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Zn ICP70 ppm 0.5	Pb ICP70 ppm 2	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
MZB-1 - 24	0.01	<0.2	61	185	187	<1	<3	253	0.08	0.13	0.68	0.46
MZB-1 - 25	0.01	0.5	92.9	195	171	<1	<3	261	0.08	0.12	0.63	0.46
MZB-1 - 26	0.01	0.6	9.9	120	45	2	<3	21	0.09	0.09	0.69	0.33
MZB-2 - 19	0.01	<0.2	78.3	92.5	30	2	<3	143	0.12	0.07	0.59	0.86
MZB-2 - 20	0.01	<0.2	74.9	86.6	33	2	<3	120	0.18	0.07	0.57	0.83
MZB-2 - 21	<0.01	0.2	26.2	43	6	3	<3	51	0.11	0.07	0.47	0.82
MZB-3 - 15	0.01	<0.2	183	89.6	38	<1	<3	133	0.15	0.04	0.27	0.48
MZB-3 - 16	0.01	<0.2	169	86.1	38	<1	<3	183	0.16	0.04	0.27	0.44
MZB-3 - 17	0.02	<0.2	75.8	35.1	7	2	<3	58	0.2	0.05	0.23	0.2
MZB-4 - 20	<0.01	<0.2	52.4	102	10	<1	<3	292	0.11	0.25	2.13	0.75
MZB-4 - 21	<0.01	<0.2	41.4	92.4	<2	<1	<3	139	0.05	0.19	2.91	0.74
MZB-5 - 15	<0.01	<0.2	325	269	39	<1	<3	227	0.17	0.11	0.57	0.51
MZB-5 - 16	0.01	0.4	228	225	267	1	<3	131	0.16	0.11	0.55	0.54
MZB-5 - 17	0.02	0.3	120	195	285	3	<3	78	0.16	0.08	0.37	0.23
MZB-6 - 17	0.02	0.4	588	257	29	3	<3	79	0.06	0.07	0.6	0.44
MZB-6 - 18	0.02	0.3	451	213	40	3	<3	134	0.08	0.07	0.65	0.5
MZB-6 - 19	0.05	2	197	76.9	44	7	<3	36	0.12	0.14	0.7	0.23
MZB-7 - 15	0.01	<0.2	113	230	52	1	4	119	0.08	0.17	0.61	0.54
MZB-7 - 16	0.01	0.2	128	229	34	3	<3	138	0.06	0.13	0.72	0.55
MZB-7 - 17	0.02	0.5	46.9	83	3	3	<3	32	0.11	0.07	0.75	0.38
MZB-8 - 10	<0.01	<0.2	214	133	20	<1	<3	78	0.11	0.04	0.78	0.94
MZB-8 - 11	<0.01	<0.2	270	142	8	<1	<3	45	0.09	0.04	0.58	0.71
MZB-8 - 12	<0.01	<0.2	10.3	27.3	5	1	<3	68	0.16	0.04	0.55	0.48
MZB-9 - 5	<0.01	<0.2	27.9	92.9	13	2	<3	74	0.12	0.04	0.33	0.42
MZB-9 - 6	<0.01	<0.2	74.4	91.7	8	1	<3	66	0.11	0.05	0.38	0.33
MZB-9 - 14	0.02	<0.2	5.3	32.5	5	3	<3	36	0.1	0.04	0.47	0.27
MZB-10 - 3	<0.01	<0.2	204	100	13	3	<3	156	0.15	0.06	0.66	0.66
MZB-10 - 4	<0.01	<0.2	346	161	16	4	<3	61	0.11	0.05	0.48	0.38
MZB-10 - 8	0.01	<0.2	44.7	22.6	7	2	<3	30	0.1	0.06	0.54	0.4
MZB-11 - 15	0.01	<0.2	285	91.9	124	9	<3	75	0.13	0.14	0.2	0.21
MZB-11 - 16	0.02	0.9	299	86.5	137	9	<3	58	0.17	0.12	0.28	0.19
MZB-11 - 17	0.02	0.7	386	88.9	95	9	<3	26	0.16	0.11	0.38	0.16
MZB-12 - 9	<0.01	<0.2	130	88.6	31	<1	<3	53	0.1	0.04	0.96	0.52
MZB-12 - 10	<0.01	0.2	138	91	34	<1	<3	75	0.15	0.05	0.92	0.52
MZB-12 - 11	<0.01	<0.2	29.6	25.5	4	2	<3	25	0.1	0.04	0.61	0.44
MZB-13 - 9	0.02	0.4	231	217	222	1	<3	86	0.07	0.04	0.64	0.53
MZB-13 - 10	0.02	<0.2	264	235	178	<1	<3	74	0.11	0.04	0.64	0.55
MZB-13 - 11	0.01	<0.2	20.4	57.1	40	2	<3	83	0.16	0.05	0.63	0.42
MZB-14 - 19	<0.01	0.4	134	87.6	75	2	<3	58	0.06	0.03	0.76	0.54
MZB-14 - 20	<0.01	<0.2	141	125	105	1	<3	40	0.06	0.04	1.1	0.7
MZB-14 - 21.5	<0.01	<0.2	41.1	52.3	25	1	<3	22	0.09	0.04	0.74	0.38
MZB-15 - 15	<0.01	0.3	270	163	100	11	<3	89	0.13	0.13	0.56	0.46
MZB-15 - 16	<0.01	0.2	205	135	80	10	<3	131	0.14	0.13	0.53	0.47
MZB-15 - 17	0.03	1.1	137	106	50	5	<3	26	0.15	0.11	0.58	0.35
MZB-16 - 6	0.01	<0.2	770	119	45	19	9	86	0.08	0.03	1.03	0.55
MZB-16 - 7	0.01	<0.2	515	75.4	41	5	6	60	0.06	0.03	0.81	0.4
MZB-16 - 8	<0.01	<0.2	385	36.4	12	9	<3	36	0.09	0.04	0.69	0.33
MZB-17 - 11	0.02	<0.2	227	329	126	<1	<3	41	0.11	0.07	0.76	0.96
MZB-17 - 12	0.02	<0.2	204	294	120	<1	<3	52	0.12	0.06	0.78	0.83
MZB-17 - 13	0.04	<0.2	27.4	118	38	3	<3	23	0.09	0.04	0.68	0.64
MZB-18 - 7	<0.01	<0.2	114	90.3	50	<1	<3	38	0.09	0.04	0.91	0.59
MZB-18 - 8	<0.01	0.3	108	88.2	50	<1	<3	35	0.1	0.04	0.97	0.62
MZB-18 - 9	<0.01	<0.2	57.6	34.2	14	2	<3	24	0.08	0.04	0.67	0.46
MZB-19 - 20	<0.01	<0.2	80.1	59	9	2	<3	88	0.09	0.13	0.67	0.45
MZB-19 - 21	0.01	<0.2	78.3	65.7	17	2	<3	82	0.14	0.13	0.64	0.46
MZB-19 - 22.2	0.01	<0.2	25.1	26.7	4	4	<3	33	0.11	0.08	0.69	0.45
MZB-20 - 12	<0.01	<0.2	414	202	29	12	<3	73	0.09	0.04	0.59	0.96
MZB-20 - 13	<0.01	<0.2	392	199	22	12	<3	65	0.08	0.04	0.57	0.64
MZB-20 - 14	<0.01	<0.2	22.1	29.1	9	5	<3	54	0.12	0.06	0.7	0.49
MZB-21 - 13	0.03	0.4	179	307	184	2	<3	63	0.12	0.05	0.54	0.3
MZB-21 - 14	0.03	1.8	90.8	204	82	2	<3	16	0.09	0.06	0.61	0.31
MZB-22 - 9	<0.01	<0.2	249	165	37	2	<3	42	0.07	0.03	0.88	0.32
MZB-22 - 10	<0.01	<0.2	291	158	24	2	3	39	0.05	0.03	1.05	0.37
MZB-22 - 11	0.01	<0.2	26.9	22.5	5	3	<3	56	0.17	0.06	0.57	0.33

Appendix 10

Geochemical Results for Central Zalturbulak prospect

SAMPLE ID SCHEME UNITS LIMIT	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Zn ICP70 ppm 0.5	Pb ICP70 ppm 2	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
MBZ-23 - 7	0.03	<0.2	38.3	53.6	6	3	<3	43	0.18	0.06	0.67	0.63
MBZ-23 - 8	0.03	<0.2	33	51.8	6	4	<3	62	0.21	0.05	0.66	1.24
MBZ-23 - 9	0.03	0.3	19.6	39.8	4	3	<3	21	0.11	0.07	0.78	0.59
MZB-24 - 9	0.03	<0.2	90.5	35.9	5	3	<3	32	0.14	0.14	0.32	0.22
MZB-24 - 10	0.03	<0.2	88.1	39.1	3	3	<3	36	0.14	0.14	0.34	0.24
MZB-24 - 11	0.05	<0.2	23	20.6	8	2	<3	40	0.08	0.05	0.37	0.47
MZB-25 - 32	0.02	<0.2	508	192	<2	31	<3	69	0.34	0.13	1.91	2.58
MZB-25 - 33	0.03	<0.2	509	202	<2	35	<3	61	0.32	0.12	1.93	2.25
MZB-25 - 34	0.06	0.2	739	24.1	6	16	<3	15	0.21	0.08	2.35	1.48
MZB-25 - 35	0.09	<0.2	548	20	<2	37	<3	8	0.22	0.22	2.04	3.19
MZB-26 - 9	0.03	<0.2	168	35.6	<2	2	9	79	0.25	0.34	1.48	0.59
MZB-26 - 10	0.03	<0.2	202	41	6	2	8	90	0.3	0.26	1.44	0.56
MZB-26 - 11	0.13	<0.2	258	30.4	<2	3	7	129	0.5	0.32	1.88	0.47
MZB-27 - 21	0.01	<0.2	17.4	90	2	2	3	26	0.17	0.06	0.67	0.41
MZB-27 - 22	0.01	<0.2	11.3	85.8	3	1	<3	15	0.16	0.06	0.59	0.35
MZB-27 - 23.2	0.02	<0.2	31.4	91.5	5	6	<3	21	0.16	0.09	0.68	0.42
MZB-28 - 2	0.01	<0.2	57.7	55.8	12	1	<3	69	0.13	0.06	0.77	0.75
MZB-28 - 3	0.02	<0.2	147	85.6	11	3	<3	79	0.17	0.09	0.58	0.86
MZB-28 - 4.3	0.01	<0.2	15.4	20.9	9	2	<3	72	0.16	0.05	0.53	0.53
MZB-29 - 1	0.05	<0.2	105	41.5	3	3	<3	34	0.13	0.21	0.7	0.52
MZB-29 - 2	0.04	<0.2	58.3	24.5	6	1	<3	36	0.09	0.07	0.44	0.65
MZB-29 - 3.2	0.02	<0.2	22.3	20.3	7	3	<3	62	0.14	0.06	0.62	0.7
MZB-30 - 8	0.34	<0.2	191	53.9	40	<1	8	117	0.26	0.2	0.88	0.65
MZB-30 - 9	0.24	0.4	276	31.7	10	6	<3	117	0.36	0.25	1.56	0.53
MZB-30 - 15	0.03	<0.2	80.2	35.6	4	2	<3	71	0.26	0.19	1.46	0.68
MZB-31 - 7	0.01	<0.2	9.2	95.3	8	<1	13	70	0.19	0.06	0.82	1.11
MZB-31 - 8	0.01	<0.2	31	136	6	<1	9	46	0.17	0.04	0.82	0.83
MZB-31 - 9.7	0.01	<0.2	3.2	60.8	2	<1	8	24	0.17	0.12	1.1	0.66
MZB-32 - 14	0.03	<0.2	311	142	4	1	<3	142	0.24	0.12	1.01	0.54
MZB-32 - 16	0.02	<0.2	20.9	60.7	2	<1	<3	80	0.41	0.09	1.68	0.47
MZB-32 - 17	0.02	<0.2	107	120	11	<1	<3	104	0.26	0.1	0.92	0.49
MZB-33 - 15	0.01	<0.2	208	91.9	14	3	6	115	0.12	0.07	0.42	0.37
MZB-33 - 16	0.01	<0.2	167	77.4	11	2	24	127	0.13	0.06	0.41	0.36
MZB-33 - 17	0.02	<0.2	21.5	13	5	3	<3	41	0.12	0.05	0.37	0.27
MZB-34 - 14	0.14	<0.2	260	15.4	7	6	<3	44	0.15	0.06	0.29	0.19
MZB-34 - 18	0.17	<0.2	342	68.3	10	3	<3	33	0.12	0.05	0.25	0.3
MZB-34 - 19	0.01	<0.2	279	64.4	14	2	<3	53	0.17	0.05	0.35	0.4
MZB-35 - 6	0.04	<0.2	304	178	4	<1	<3	71	0.1	0.04	0.8	0.88
MZB-35 - 7	0.02	<0.2	200	148	3	1	<3	41	0.12	0.09	1.24	0.85
MZB-35 - 8	0.02	<0.2	7.7	53.2	2	2	<3	22	0.13	0.07	1.22	0.83
MZB-36 - 1	0.02	<0.2	421	217	5	<1	6	69	0.13	0.36	1.04	3.06
MZB-36 - 2.2	0.02	<0.2	22.1	20.9	<2	<1	<3	41	0.1	0.53	0.7	4.15
MZB-37 - 17	0.02	<0.2	172	110	19	1	<3	120	0.13	0.06	0.55	0.63
MZB-37 - 18	0.02	<0.2	211	141	17	1	<3	127	0.12	0.09	0.58	0.84
MZB-37 - 19	0.01	<0.2	15.3	27.1	10	2	<3	92	0.13	0.06	0.51	0.59
MZB-38 - 12	0.02	<0.2	2060	609	18	4	<3	176	0.11	0.07	0.74	0.64
MZB-38 - 13	0.02	<0.2	823	406	19	3	3	204	0.12	0.08	1.11	0.77
MZB-38 - 14	0.09	<0.2	28.4	27.2	7	3	<3	80	0.12	0.06	0.51	0.41
MZB-39 - 9	0.02	<0.2	132	42.2	9	1	5	100	0.49	0.14	1.11	0.48
MZB-39 - 17	0.06	<0.2	152	34.4	9	2	9	96	0.39	0.16	1.06	0.48
MZB-39 - 19	0.53	<0.2	89.5	27	40	3	10	52	0.34	0.16	1.04	0.5
MZB-40 - 6	0.06	0.2	1030	266	59	9	14	98	0.13	0.1	0.44	0.56
MZB-40 - 16	0.13	<0.2	844	162	47	10	17	62	0.12	0.1	0.44	0.55
MZB-40 - 17	0.14	<0.2	53.8	139	16	3	6	163	0.17	0.12	0.48	0.25
MZB-41 - 12	0.03	<0.2	224	52.2	16	2	10	139	0.46	0.09	0.88	3.32
MZB-41 - 13	0.03	<0.2	241	63.3	12	<1	14	155	0.42	0.12	0.92	2.06
MZB-41 - 14	0.03	<0.2	80.9	21.3	2	3	<3	111	0.32	0.13	0.51	0.82
MZB-42 - 20	0.02	<0.2	109	93.7	23	<1	<3	132	0.28	0.04	0.86	0.47
MZB-42 - 21	0.01	<0.2	195	117	18	<1	<3	141	0.1	0.04	0.75	0.44
MZB-42 - 22	0.01	<0.2	11.4	18.1	6	1	<3	42	0.1	0.04	0.63	0.46
MZB-43 - 30	0.02	<0.2	63.8	89	7	<1	<3	213	0.13	0.09	0.85	0.57
MZB-43 - 31	0.02	<0.2	59.8	84.2	8	<1	<3	220	0.11	0.09	0.74	0.58
MZB-43 - 32	0.01	<0.2	12.1	35.4	9	3	<3	174	0.13	0.08	0.59	0.51
MZB-44 - 4	<0.01	<0.2	18.8	17.8	4	1	<3	42	0.11	0.05	0.49	0.47

Appendix 10

Geochemical Results for Central Zalturbulak prospect

SAMPLE ID SCHEME UNITS LIMIT	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Zn ICP70 ppm 0.5	Pb ICP70 ppm 2	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
MZB-44 - 6	0.01	<0.2	50.3	49.4	4	<1	5	58	0.09	0.17	0.83	8.64
MZB-44 - 7	0.01	<0.2	56.1	56.8	13	1	5	51	0.09	0.14	0.84	4.35
MZB-44 - 8	0.01	<0.2	43.9	109	6	<1	<3	224	0.15	0.25	2.1	0.81
MZB-45 - 11	<0.01	<0.2	171	100	14	<1	<3	63	0.38	0.27	0.77	1.03
MZB-45 - 12	0.02	<0.2	200	85.1	7	2	<3	71	0.13	0.2	0.58	0.74
MZB-45 - 13	0.03	<0.2	78.5	22	<2	2	<3	37	0.22	0.12	0.61	0.41
MZB-46 - 15	0.04	0.3	308	136	63	<1	19	143	0.12	0.05	1.03	0.94
MZB-46 - 16	0.03	<0.2	354	153	72	<1	20	162	0.07	0.05	1.01	0.87
MZB-46 - 17	0.01	0.6	25.3	78.7	20	1	6	18	0.12	0.06	1.45	0.75
MZB-47 - 12	0.02	0.3	140	150	26	<1	15	62	0.09	0.06	1.17	1.15
MZB-47 - 13	0.06	0.4	115	88.1	18	2	6	127	0.12	0.12	0.94	1.12
MZB-47 - 14	0.02	<0.2	64.2	23.9	6	4	<3	40	0.12	0.05	0.61	0.52
MZB-48 - 11	0.02	<0.2	94.2	86.2	11	1	<3	140	0.1	0.11	0.8	1.38
MZB-48 - 12	0.02	<0.2	172	106	15	2	8	125	0.1	0.12	0.61	1.7
MZB-48 - 13	<0.01	<0.2	21	27.6	8	2	<3	286	0.12	0.05	0.54	0.58
MZB-49 - 19	0.01	<0.2	111	84.1	23	2	4	159	0.23	0.09	0.56	0.6
MZB-49 - 20	0.02	<0.2	106	84	26	5	4	194	0.16	0.14	0.53	0.81
MZB-49 - 21	0.03	<0.2	55.6	60.8	7	5	<3	50	0.14	0.07	0.54	0.35
MZB-50 - 15	<0.01	<0.2	89.3	82.3	10	<1	5	116	0.1	0.04	0.92	0.49
MZB-50 - 16	<0.01	<0.2	126	95	20	3	9	115	0.16	0.04	0.83	0.47
MZB-50 - 17	<0.01	<0.2	13.4	32.9	4	2	<3	43	0.1	0.04	0.84	0.35
A2002A -	<0.01	<0.2	36.8	14.8	<2	4	<3	14	0.08	0.05	0.55	0.51
A2026A-2	0.01	<0.2	28.7	12.9	<2	2	<3	11	0.13	0.05	0.47	1.2
A2028A-1	0.04	<0.2	72.4	22.5	4	4	<3	34	0.18	0.08	0.64	0.53
A2028A-2	0.04	0.4	93.6	21.9	9	3	<3	23	0.11	0.06	0.65	0.62
A2028A-3	0.05	0.5	114	21.1	6	3	<3	18	0.12	0.06	0.69	0.64
A2048A	0.01	0.3	11.4	39.5	5	<1	5	28	0.16	0.07	1	1.1
A2049A	0.04	<0.2	45.4	28.9	10	2	<3	37	0.15	0.06	0.78	0.83
A2051A	0.35	0.3	6.7	25.9	9	2	<3	41	0.13	0.09	0.55	0.71
A2052A	0.03	0.6	20.9	10.2	7	4	<3	21	0.11	0.04	0.09	0.43
A2056	0.06	<0.2	15	18	<2	1	13	70	0.76	0.15	0.85	0.75
A2057A-1	0.50	<0.2	148	10.7	16	2	10	88	0.05	0.03	0.11	1.3
A2060A	<0.01	<0.2	43	28.2	<2	3	<3	69	0.17	0.06	0.6	0.61
A2061A	<0.01	0.3	19.4	24.3	3	1	<3	70	0.13	0.05	0.66	0.69
A2063A	<0.01	0.4	32.7	48.9	11	4	<3	96	0.08	0.05	0.1	0.44
A2065A	0.12	<0.2	176	13.8	5	2	<3	37	0.17	0.06	0.27	0.48
A2066A	<0.01	<0.2	6.7	86.5	29	3	<3	65	0.18	0.06	0.46	0.36
A2066BA	0.01	0.4	145	18.8	15	2	5	77	0.16	0.06	0.16	0.56
A2070A-1	0.02	0.8	857	40.1	6	41	<3	76	0.26	0.06	1.04	0.56
A2072A-1	<0.01	<0.2	47.3	33.5	25	4	<3	40	0.12	0.05	0.7	0.9
A2072A-2	<0.01	0.4	48.7	60.5	5	2	<3	55	0.26	0.06	1.35	2.63
A2100A	<0.01	0.3	22.1	27.6	16	3	<3	40	0.11	0.06	0.63	0.8
A2102A	<0.01	<0.2	43.4	36	5	3	<3	51	0.15	0.06	0.54	0.68
A2103A	0.02	<0.2	64	24.8	4	5	<3	161	0.19	0.08	0.42	0.39
A2105A	0.01	<0.2	65.5	17.6	4	2	<3	80	0.12	0.06	0.64	0.86
A2108A	0.05	<0.2	13	50.9	8	3	<3	14	0.1	0.06	0.59	0.77
A2109A	0.04	0.6	40.3	93.5	29	7	<3	30	0.12	0.07	0.64	0.89
A2110A	0.05	0.3	35.9	41	11	6	<3	25	0.1	0.07	0.79	0.69
A2112A	<0.01	<0.2	31.4	22.1	2	1	<3	52	0.13	0.14	0.99	1.45
A2121A	0.02	<0.2	10.3	5.3	3	5	6	127	0.05	0.02	0.06	0.8
A2123A	0.02	0.4	31.2	34.2	<2	2	3	194	0.54	0.12	0.8	0.82
A2132A	<0.01	0.4	6.3	32	4	2	10	30	0.12	0.07	0.48	0.58
A2135A	0.04	0.8	14.8	56.9	634	5	224	91	0.15	0.02	0.03	0.02
A2137A	0.06	<0.2	55	20.3	7	2	5	65	0.24	0.05	0.13	0.15
A2139A	0.02	<0.2	37.2	24	9	7	<3	39	0.13	0.23	0.3	1.26
A2140A	0.04	<0.2	21.4	3.4	4	8	<3	44	0.03	0.04	<0.01	0.02
A2143A	0.05	<0.2	32.3	8.2	5	3	<3	32	0.08	0.05	0.02	0.08
A2144A	0.62	2	2490	25	44	8	<3	17	0.19	0.06	0.8	1.5
A2144A-2	0.09	3	4150	45.9	48	10	<3	37	0.25	0.06	1.49	0.79
A2144A-3	0.04	0.6	484	30.1	10	3	<3	25	0.13	0.06	1.18	0.92
A2144A-4	0.56	0.4	494	57.5	11	4	<3	15	0.13	0.04	1.33	1.33
A2145A	0.19	<0.2	98.3	14.1	4	4	<3	53	0.32	0.04	0.08	0.12
A2146A	0.03	<0.2	66.7	4.1	4	2	<3	109	0.28	0.03	0.05	0.15
A2154A	0.02	<0.2	51.6	113	11	2	11	13	0.09	0.05	0.31	0.81

Appendix 10

Geochemical Results for Central Zalturbulak prospect

SAMPLE ID SCHEME UNITS LIMIT	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Zn ICP70 ppm 0.5	Pb ICP70 ppm 2	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
A2155A	<0.01	<0.2	22.4	43.3	<2	2	<3	238	1	0.32	1.16	1.56
E2004	<0.01	<0.2	41.5	11	<2	2	12	178	0.12	0.11	0.16	0.77
E2007	<0.01	<0.2	24.7	13.5	<2	2	<3	30	0.1	0.05	0.3	0.45
E2008	0.02	<0.2	14.8	5	70	8	60	15	0.01	0.02	<0.01	0.02
E2012	<0.01	<0.2	18.8	42.4	39	2	<3	21	0.09	0.05	0.6	0.53
E2021	<0.01	<0.2	13.3	21	3	2	<3	102	0.27	0.05	0.57	0.45
E2024	5.20	1	11.8	3.9	79	7	33	58	<0.01	0.02	<0.01	0.06
E2027	0.01	<0.2	17.4	20.1	<2	2	<3	109	0.1	0.05	0.59	0.6
E2028	0.01	<0.2	22.2	64.9	<2	2	<3	24	0.13	0.04	1.04	0.44
E2034	0.01	<0.2	17.9	22.6	<2	3	<3	116	0.33	0.1	0.82	0.82
E2055	0.02	<0.2	16.1	7.7	<2	2	<3	10	0.06	0.13	0.14	0.72
E2061	0.01	<0.2	15.2	24.8	<2	1	<3	14	0.07	0.05	0.73	1.33
E2067	0.01	<0.2	4.7	3	<2	11	<3	6	<0.01	0.03	0.03	0.08
E2072	0.01	<0.2	3.2	46.2	53	5	<3	40	0.07	0.05	0.7	0.7
E2083	0.01	<0.2	51.6	26.3	<2	2	<3	20	0.12	0.05	1.17	1.28
E2086	<0.01	<0.2	53.4	13.3	2	3	<3	46	0.12	0.06	0.5	0.52
E2089	<0.01	<0.2	7.3	49.6	<2	4	<3	29	0.12	0.06	0.5	0.55
E2092	0.01	<0.2	53.5	20.1	<2	6	<3	110	0.19	0.08	0.51	0.48
E2093	0.01	<0.2	9	2.1	4	68	4	16	<0.01	0.03	<0.01	0.01
E2094	<0.01	<0.2	4	9.6	3	5	<3	36	0.05	0.03	0.16	1.03
E2096	0.01	<0.2	6.8	28.5	<2	2	<3	25	0.12	0.09	0.6	0.51
E2100	0.41	0.6	80.1	2.2	3	12	<3	136	0.28	0.02	0.03	0.04
E2101	0.44	<0.2	128	1.9	<2	25	<3	198	0.16	0.02	0.02	0.01
E2106	0.01	<0.2	9	2.6	<2	6	<3	66	0.02	0.02	<0.01	0.01
E2115	0.03											
E2117	0.05	<0.2	1250	73.2	11	11	13	74	0.03	0.03	0.09	0.1
E2137	0.01	<0.2	39.6	2.1	13	7	<3	110	0.11	0.02	0.01	0.02
E2143	0.02	<0.2	78.6	14.2	<2	3	<3	149	0.1	0.09	0.19	0.92
E2145	0.02	<0.2	66.9	3.4	15	13	6	72	0.21	0.04	0.04	0.12
E2147	0.04	1.7	107	23.5	118	11	<3	92	0.02	0.02	<0.01	0.01
E2149	<0.01	<0.2	14.2	29.8	5	4	<3	109	0.23	0.07	0.51	0.6
E2151	1.07	10.1	92.4	13.7	35	16	18	688	0.15	0.06	0.03	0.05
E2152	0.02	6.3	22.4	15.8	265	25	21	222	0.03	0.03	<0.01	0.03
E2156	<0.01	0.2	18.9	25.3	4	4	<3	68	0.16	0.07	0.4	0.45
E2158	0.03	<0.2	11.4	8.8	10	4	<3	23	0.09	0.05	0.02	0.03
E2162	0.01	<0.2	8	59.1	29	3	<3	38	0.14	0.08	0.55	0.86

Appendix 11

Geochemical Results for Akmola area

SampleID Scheme Unit DetectionLimit	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Pb ICP70 ppm 2	Zn ICP70 ppm 0.5	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
MAK-01-09A	0.01	0.3	44.2	13	106	1	8	273	0.28	0.06	0.52	0.36
MAK-01-10A	0.01	<0.2	40.2	14	117	1	8	249	0.28	0.07	0.6	0.43
MAK-01-11A	0.01	<0.2	16.5	3	79.4	2	7	120	0.42	0.05	0.52	0.33
MAK-02-13A	0.01	0.3	22.2	39	40.7	2	9	238	0.15	0.17	0.22	0.26
MAK-02-14A	0.01	0.5	22.8	32	39.7	<1	9	340	0.14	0.22	0.21	0.27
MAK-02-15A	0.03	<0.2	12.1	11	15.7	<1	4	22	0.09	0.14	0.13	0.17
MAK-03-12A	0.02	0.5	117	83	198	2	9	195	0.05	0.14	1.02	0.46
MAK-03-13A	0.02	0.3	80.8	64	176	2	12	193	0.08	0.16	0.98	0.46
MAK-03-14A	0.05	0.7	37.9	21	107	<1	<3	11	0.04	0.12	2.17	0.65
MAK-04-13A	0.02	<0.2	48.1	36	78.9	3	<3	91	0.16	0.08	0.3	0.19
MAK-04-14A	0.01	0.3	102	98	200	3	7	204	0.1	0.1	0.65	0.43
MAK-04-15A	0.01	0.2	60.4	<2	108	4	<3	35	0.16	0.07	0.73	0.49
MAK-06-16A	<0.01	0.7	56.2	5	99.1	2	6	90	0.15	0.11	0.9	0.39
MAK-06-17A	0.01	<0.2	97	14	133	4	7	91	0.2	0.13	1.04	0.57
MAK-06-18A	<0.01	<0.2	20.8	<2	55.3	2	<3	21	0.2	0.05	0.93	1.75
MAK-718A	0.01	<0.2	70.4	15	46.9	2	<3	371	0.13	0.19	0.21	0.21
MAK-07-19A	0.03	<0.2	84.2	15	45.4	1	<3	250	0.13	0.11	0.17	0.18
MAK-07-20A	0.03	0.6	2570	16	521	12	<3	134	0.21	0.04	0.05	0.06
MAK-08-09A	0.01	<0.2	22.7	5	51.8	1	<3	35	0.21	0.07	0.48	0.14
MAK-08-10A	0.01	0.2	91.6	10	9.3	13	17	1320	0.12	0.23	0.08	0.06
MAK-08-11A	0.01	0.3	30.4	3	57.7	1	<3	23	0.21	0.08	0.67	0.16
MAK-09-17A	0.01	<0.2	33.6	26	51.8	<1	10	332	0.11	0.19	0.34	0.3
MAK-09-18A	0.02	<0.2	34.9	23	60.1	<1	11	305	0.13	0.2	0.37	0.32
MAK-09-19A	<0.01	0.3	19.8	<2	62.3	2	7	56	0.13	0.11	0.56	0.35
MAK-10-05A	<0.01	0.3	8.6	4	8.3	4	<3	46	0.16	0.09	0.03	0.02
MAK-10-3A	0.02	<0.2	17.6	45	39.9	<1	8	275	0.11	0.46	0.16	0.21
MAK-10-4A	0.02	<0.2	35.3	36	41	3	16	180	0.13	0.18	0.15	0.49
MAK-11-07A	0.17	0.3	1030	18	504	4	5	49	0.09	0.03	0.21	0.22
MAK-11-09A	0.05	0.3	31.6	7	28.7	2	7	22	0.13	0.03	0.19	0.17
MAK-11-10A	0.28	<0.2	55	12	83.1	2	5	22	0.15	0.07	0.6	0.36
MAK-11-8A	0.03	0.6	295	201	163	2	6	39	0.07	0.05	0.57	0.46
MAK-12-01A	0.04	0.5	28	17	50	5	<3	90	0.19	0.04	0.27	0.2
MAK-12-02A	0.01	0.5	418	7	209	7	<3	66	0.17	0.03	0.03	0.04
MAK-12-03A	0.09	<0.2	8.9	<2	1.4	8	<3	133	0.24	0.03	<0.01	0.03
MAK-13-14A	0.01	0.4	130	43	62.9	7	<3	84	0.19	0.06	0.21	0.16
MAK-13-15A	0.01	<0.2	120	40	77.2	5	<3	59	0.1	0.07	0.37	0.19
MAK-13-16A	0.01	<0.2	76.6	19	109	3	<3	29	0.09	0.06	0.89	0.22
MAK-14-23A	0.01	<0.2	39.1	35	5.9	4	<3	32	0.23	0.03	0.03	0.03
MAK-14-24A	<0.01	<0.2	51.3	50	3.5	3	<3	35	0.21	0.03	0.03	0.03
MAK-14-25.2A	<0.01	1.1	464	80	10.3	20	4	39	0.21	0.03	0.03	0.04
MAK-15-10A	0.02	<0.2	56.4	3	16.4	2	4	44	0.13	0.9	0.11	0.26
MAK-15-11A	0.01	0.4	61.9	9	21.5	3	3	54	0.13	0.82	0.18	0.45
MAK-15-13.5	<0.01	0.4	60.2	<2	13.5	4	<3	82	0.24	0.12	0.03	0.04
MAK-15-14A	0.01	0.4	87.4	5	8	6	5	88	0.24	0.07	0.03	0.04
MAK-16-12A	<0.01	0.5	62.4	14	12.8	17	38	940	0.09	0.13	0.03	0.04
MAK-16-13A	<0.01	0.5	48.9	14	5.9	20	44	493	0.11	0.13	0.03	0.03
MAK-16-14A	0.02	0.6	46.9	12	11.2	13	29	2140	0.16	0.03	0.02	0.02
MAK-16-16A	<0.01	0.3	178	9	3.8	14	24	617	0.13	0.05	0.02	0.02
MAK-16-17A	0.07	1.7	167	17	9.7	35	37	97	0.18	0.15	0.03	0.03
MAK-16-19A	0.62	1.6	134	12	7.2	23	17	127	0.14	0.09	0.03	0.03
MAK-17-12A	0.01	<0.2	85.4	14	108	<1	4	129	0.1	0.06	0.41	0.53
MAK-17-13A	<0.01	<0.2	46.1	12	98.4	<1	4	135	0.15	0.06	0.43	0.54
MAK-17-14A	0.02	0.5	24.4	3	102	3	4	63	0.27	0.04	0.5	0.28
MAK-18-13A	0.01	<0.2	107	13	95	1	12	97	0.12	0.08	0.36	0.31
MAK-18-14A	<0.01	<0.2	74.9	11	76.2	<1	14	84	0.12	0.08	0.33	0.3
MAK-18-15A	0.06	<0.2	62.7	3	80.7	3	5	63	0.22	0.09	0.41	0.28
MAK-19-05A	0.01	<0.2	107	14	56.6	5	6	167	0.11	0.04	0.15	0.41
MAK-19-06A	<0.01	<0.2	89.6	10	43.5	6	8	113	0.11	0.04	0.11	0.26
MAK-19-07A	0.02	0.5	38	5	22	6	5	136	0.15	0.03	0.04	0.06
MAK-20-10A	0.18	0.3	57.1	8	10.1	2	14	27	0.13	0.05	0.06	0.06
MAK-20-11A	0.10	0.2	107	10	14.8	2	12	27	0.14	0.05	0.07	0.08
MAK-20-12A	0.15	1.7	132	4	5.6	2	11	26	0.21	0.03	0.04	0.06
MAK-21-09A	0.02	0.2	39.4	20	18.3	1	<3	57	0.1	0.07	0.08	0.1

Appendix 11

Geochemical Results for Akmola area

SampleID Scheme Unit DetectionLimit	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Pb ICP70 ppm 2	Zn ICP70 ppm 0.5	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
MAK-21-10A	0.02	1.1	58.8	26	34.1	2	<3	52	0.12	0.05	0.18	0.17
MAK-21-11A	0.02	<0.2	51.8	12	152	<1	<3	23	0.14	0.06	1.14	0.19
MAK-22-02A	0.02	0.5	63.2	24	47.3	5	7	67	0.14	0.03	0.17	0.13
MAK-22-03A	0.02	<0.2	46	8	19	9	<3	63	0.12	0.03	0.02	0.06
MAK-22-04A	0.01	0.3	17.4	<2	2.8	10	<3	34	0.16	0.02	0.02	0.04
MAK-23-11A	0.10	3.8	63.2	20	17.5	3	3	197	0.09	0.54	0.06	0.12
MAK-23-12A	0.02	<0.2	41.4	33	6.8	2	<3	45	0.13	0.08	0.02	0.04
MAK-23-13A	0.05	<0.2	107	12	28.3	19	6	136	0.11	0.98	0.12	0.24
MAK-24-05A	0.03	<0.2	56.2	3	10.5	2	7	61	0.1	0.53	0.1	0.13
MAK-24-06A	0.02	0.5	48.3	3	8.5	2	<3	46	0.09	0.48	0.08	0.1
MAK-24-09A	0.02	<0.2	85.5	<2	2.9	2	<3	39	0.24	0.16	0.02	0.01
MAK-24-7A	0.04	0.5	74.3	5	5.8	1	10	88	0.23	0.09	0.02	0.01
MAK-24-8A	0.01	0.5	8	4	2.6	2	<3	32	0.22	0.11	0.02	0.01
MAK-25-06A	0.01	<0.2	169	16	153	1	7	155	0.07	0.09	0.96	0.53
MAK-25-07A	0.02	<0.2	147	10	132	<1	<3	131	0.1	0.09	0.96	0.49
MAK-25-08A	<0.01	0.4	36.8	<2	82.1	<1	<3	46	0.08	0.13	1.26	0.54
MAK-26-04A	0.08	0.3	46.6	12	90.2	<1	31	269	0.18	0.04	0.85	0.84
MAK-26-05A	0.09	<0.2	45.7	13	91.4	<1	26	238	0.17	0.04	0.94	0.85
MAK-26-06A	0.01	<0.2	10.9	<2	53.9	<1	10	55	0.05	0.05	1.8	0.51
MAK-27-07A	0.04	<0.2	59.7	3	31.5	2	9	69	0.18	0.06	0.1	0.16
MAK-27-08A	0.03	<0.2	76	9	43.1	3	16	89	0.22	0.06	0.13	0.15
MAK-27-09A	0.03	<0.2	36.2	<2	14.9	1	4	33	0.16	0.04	0.04	0.07
MAK-28-06A	0.28	0.5	13.4	6	5.1	3	31	64	0.13	0.05	0.06	0.09
MAK-28-07A	1.55	0.4	19.9	4	5.5	3	23	68	0.14	0.04	0.07	0.09
MAK-28-08A	0.04	<0.2	13	<2	2.7	3	9	92	0.25	0.03	0.04	0.04
MAK-29-04A	0.04	0.8	121	5	35.8	13	34	131	0.15	0.04	0.03	0.03
MAK-29-05A	0.01	0.8	112	7	36.8	12	29	236	0.15	0.03	0.03	0.03
MAK-29-06A	0.02	1	41	<2	5.5	11	21	161	0.15	0.02	0.02	0.01
MAK-30-02A	0.02	<0.2	48.9	13	46.8	7	<3	80	0.23	0.31	0.19	0.17
MAK-30-03A	0.03	0.3	46.9	6	33.9	6	<3	70	0.19	0.13	0.11	0.11
MAK-30-04A	0.04	0.3	7.4	4	4.5	3	<3	36	0.18	0.08	0.04	0.07
MAK-31-08A	0.03	<0.2	31.9	10	11.8	6	<3	252	0.13	0.61	0.09	0.12
MAK-31-09A	0.02	0.3	44.1	4	23.4	3	3	304	0.12	0.48	0.07	0.11
MAK-31-10A	0.01	<0.2	47.4	5	19	5	<3	218	0.27	0.23	0.06	0.05
MAK-31-11A	0.02	<0.2	35.4	6	11.5	5	<3	194	0.21	0.2	0.05	0.05
MAK-31-12A	0.05	1.6	202	12	7.1	3	12	52	0.24	0.07	0.04	0.05
MAK-31-13A	0.03	1.2	134	4	4.3	3	<3	108	0.25	0.08	0.04	0.05
MAK-31-14A	0.03	1.2	122	7	4.4	2	<3	134	0.23	0.07	0.04	0.05
MAK-32-05A	0.08	<0.2	121	41	181	<1	<3	109	0.16	0.9	1.4	0.73
MAK-32-06A	0.03	<0.2	125	34	164	<1	<3	97	0.15	1.16	1.3	0.73
MAK-32-07A	<0.01	0.3	92.6	37	49.4	2	<3	61	0.17	0.12	0.32	0.14
MAK-32-08A	0.01	0.5	83.5	62	89.1	3	<3	72	0.21	0.36	0.65	0.26
MAK-32-10A	0.01	0.2	69.3	60	72.8	2	<3	58	0.16	0.16	0.53	0.25
MAK-32-9A	0.02	<0.2	100	205	83.5	2	<3	115	0.24	0.31	0.53	0.24
MAK-33-08A	0.01	0.4	112	34	138	6	20	126	0.15	0.13	0.96	0.82
MAK-33-09A	<0.01	0.4	83.4	27	123	10	20	301	0.11	0.21	1.01	0.9
MAK-33-10A	0.04	0.3	20.8	9	40	7	8	67	0.15	0.11	0.63	0.57
MAK-34-02A	<0.01	0.4	61.6	19	51	5	27	93	0.34	0.15	0.19	0.26
MAK-34-03A	<0.01	0.6	248	9	102	6	29	84	0.33	0.15	0.14	0.2
MAK-34-04A	0.01	0.3	7.6	4	1.7	6	5	85	0.28	0.06	0.03	0.09
MAK-35-06A	0.04	<0.2	49.6	<2	22.1	1	4	50	0.38	0.13	0.89	0.72
MAK-35-07A	0.02	<0.2	102	8	192	<1	6	411	0.15	0.17	0.62	0.29
MAK-36-04A	0.09	<0.2	25.1	10	96.8	1	20	235	0.14	0.04	0.42	0.41
MAK-36-05A	0.05	0.2	63.3	7	86.5	2	16	207	0.12	0.04	0.54	0.42
MAK-36-06A	0.04	<0.2	6.3	<2	94.3	<1	7	43	0.14	0.07	1.65	0.47
MAK-37-11A	0.06	<0.2	148	60	77.1	3	32	197	0.15	0.05	0.29	0.27
MAK-37-12A	0.07	<0.2	121	54	77.3	4	27	232	0.18	0.05	0.3	0.25
MAK-37-13A	0.02	<0.2	67.7	54	71.4	5	6	40	0.14	0.06	0.67	0.36
MAK-38-03A	0.03	0.3	145	13	68.1	3	4	104	0.27	0.09	0.05	0.08
MAK-38-04A	0.03	0.3	97.2	12	40.8	2	3	91	0.27	0.13	0.04	0.09
MAK-38-05A	0.04	0.5	4.2	8	1.7	3	<3	95	0.3	0.04	0.02	0.04
MAK-39-01A	<0.01	0.3	64.1	78	116	2	6	147	0.24	0.92	0.93	0.85
MAK-39-02A	0.02	<0.2	18.5	32	47.8	1	<3	22	0.11	0.07	0.57	0.75

Appendix 11

Geochemical Results for Akmola area

SampleID Scheme Unit DetectionLimit	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Pb ICP70 ppm 2	Zn ICP70 ppm 0.5	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
MAK-40-06A	0.02	<0.2	74.7	31	75.3	2	3	192	0.18	0.71	0.58	0.97
MAK-40-07A	0.04	<0.2	127	30	124	1	<3	177	0.15	0.61	0.81	0.93
MAK-40-08A	0.04	0.3	48.2	<2	134	<1	<3	90	0.06	0.17	1.53	0.83
MAK-40-09A	0.08	0.7	18.7	<2	112	<1	<3	35	0.06	0.16	1.39	0.79
MAK-41-05A	<0.01	<0.2	47.6	15	62.6	<1	<3	70	0.09	0.12	0.44	0.42
MAK-41-06A	<0.01	<0.2	60	14	73	<1	<3	64	0.11	0.14	0.51	0.45
MAK-41-07A	0.02	<0.2	32.8	10	37.1	<1	<3	35	0.09	0.1	0.23	0.17
MAK-42-06A	<0.01	0.3	58.2	49	79	1	4	104	0.12	0.1	0.62	0.28
MAK-42-07A	0.01	<0.2	209	104	90.6	3	9	88	0.14	0.11	0.61	0.26
MAK-42-08A	0.03	0.5	116	53	90.6	1	<3	157	0.19	0.18	1.08	0.25
MAK-43-07A	0.05	<0.2	37.2	<2	15	20	5	30	0.08	0.03	0.04	0.04
MAK-43-09A	0.02	<0.2	69	<2	9.7	15	<3	72	0.23	0.03	0.02	0.02
MAK-44-15A	0.02	<0.2	23.2	7	23.2	<1	<3	42	0.07	0.05	0.14	0.16
MAK-44-16A	0.02	<0.2	26.1	9	21.3	<1	<3	43	0.07	0.05	0.12	0.14
MAK-44-17A	0.02	<0.2	11.7	6	13	<1	<3	22	0.07	0.04	0.08	0.09
MAK-45-06A	0.01	<0.2	53.6	15	76.6	<1	29	56	0.18	0.09	0.25	0.2
MAK-45-07A		<0.2	37.6	15	61.3	1	26	62	0.19	0.09	0.23	0.19
MAK-45-08A	0.05	<0.2	28.9	5	60.4	3	15	1660	0.25	0.06	0.2	0.19
MAK-46-09A	0.03	<0.2	56.5	47	60.6	2	69	44	0.2	0.04	0.08	0.13
MAK-46-10A	0.02	0.6	65	51	61.8	3	75	55	0.2	0.04	0.08	0.14
MAK-46-11A	0.05	0.3	38.3	48	41.6	5	80	68	0.22	0.04	0.08	0.1
MAK-46-12A	0.09	0.6	19.8	29	69.2	3	26	47	0.28	0.04	0.16	0.16
MAK-47-06A	0.01	<0.2	35.7	9	73.4	1	10	63	0.19	0.04	0.54	0.34
MAK-47-07A	0.01	<0.2	48	11	80	2	13	86	0.19	0.04	0.59	0.34
MAK-47-08A	<0.01	0.3	29.6	5	60.7	2	20	57	0.27	0.05	0.46	0.27
MAK-48-06A	0.01	0.2	36.7	20	51.7	3	<3	28	0.1	0.1	0.21	0.22
MAK-48-07A	0.01	<0.2	37.1	19	47	4	<3	24	0.1	0.09	0.19	0.19
MAK-48-08A	<0.01	<0.2	24.4	13	35.3	2	<3	35	0.11	0.07	0.12	0.1
MAK-49-07A	0.01	<0.2	75.9	10	58	9	15	71	0.12	0.04	0.08	0.11
MAK-49-08A	0.01	<0.2	75.4	5	47.7	2	5	61	0.16	0.05	0.08	0.1
MAK-49-09A	0.01	0.4	17.1	3	18.7	6	3	862	0.25	0.04	0.07	0.06
MAK-50-11A	0.01	<0.2	36.7	6	31.8	1	<3	76	0.1	0.04	0.07	0.08
MAK-50-12A	0.01	<0.2	29.7	4	32.8	<1	<3	78	0.09	0.03	0.08	0.09
MAK-50-13A	0.01	<0.2	18.6	6	47.8	1	<3	46	0.13	0.03	0.09	0.08
MAK-51-22A	0.01	<0.2	111	14	66.7	3	3	352	0.11	0.09	0.1	0.1
MAK-51-23A	0.02	0.4	55	19	43.3	3	6	359	0.13	0.1	0.12	0.11
MAK-51-24A	0.01	0.3	14.2	9	12.2	3	<3	18	0.09	0.06	0.04	0.03
MAK-51-24.3A	0.02	<0.2	13.2	12	37.4	1	<3	73	0.18	0.12	0.48	0.43
MAK-52-27A	0.04	0.3	112	17	40.2	3	6	178	0.12	0.13	0.24	0.71
MAK-52-28A	0.04	0.3	105	21	39.8	4	9	179	0.15	0.15	0.3	1.6
MAK-52-29A	<0.01	<0.2	184	26	34.2	7	9	72	0.22	0.04	0.09	0.09
MAK-52-29.5A	0.02	0.4	17.9	4	34	5	<3	36	0.24	0.04	0.78	0.11
MAK-53-17A	0.03	<0.2	81.1	49	52.5	2	<3	361	0.09	0.06	0.16	0.27
MAK-53-18A	0.01	0.3	93.1	49	54.6	2	<3	305	0.08	0.06	0.13	0.24
MAK-53-19A	0.01	<0.2	52.8	23	53.7	3	<3	48	0.15	0.06	0.07	0.11
MAK-54-10A	0.06	0.6	233	386	454	3	<3	75	0.14	0.05	0.58	0.29
MAK-54-25A	0.03	0.7	133	145	26.7	14	6	203	0.15	0.03	0.14	0.12
MAK-54-26A	0.03	0.5	86.4	67	78.1	3	<3	67	0.13	0.04	1.11	0.11
MAK-54-27A	0.23	2.4	263	1770	42.2	31	7	1180	0.17	0.03	0.05	0.06
MAK-54-27.4A	0.02	0.2	29.6	16	131	1	<3	17	0.09	0.05	2.29	0.16
MAK-55-17A	0.01	<0.2	79.1	46	106	<1	4	376	0.14	0.08	0.78	0.8
MAK-55-18A	0.02	<0.2	87.3	45	104	<1	3	366	0.15	0.07	0.67	0.71
MAK-55-19A	0.01	<0.2	6.6	11	40.6	<1	<3	42	0.14	0.06	0.63	0.58
MAK-56-05A	0.02	0.4	80.2	24	137	1	4	264	0.18	0.08	0.84	0.67
MAK-56-06A	0.03	<0.2	71.5	24	140	1	4	225	0.17	0.08	0.98	0.62
MAK-56-07A	0.03	<0.2	70	15	164	<1	<3	499	0.09	0.1	1.83	0.78
MAK-57-17A	0.04	<0.2	85.4	30	58.8	2	9	269	0.13	0.07	0.25	0.17
MAK-57-18A	0.01	0.3	91.7	24	55.4	2	7	287	0.09	0.06	0.19	0.15
MAK-57-19A	0.03	0.4	108	125	40.8	3	13	71	0.14	0.06	0.21	0.12
MAK-57-19.5A	0.01	<0.2	20.7	6	40.4	2	<3	41	0.16	0.06	0.49	0.21
MAK-57-19.8A	0.01	0.2	57.5	7	88.3	2	<3	118	0.2	0.05	0.17	0.12
MAK-58-13A	<0.01	<0.2	94.5	21	11.4	15	29	127	0.12	0.03	0.08	0.05
MAK-58-18A	<0.01	<0.2	84.7	19	19.4	8	18	120	0.17	0.06	0.16	0.08

Appendix 11

Geochemical Results for Akmola area

SampleID Scheme Unit DetectionLimit	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Pb ICP70 ppm 2	Zn ICP70 ppm 0.5	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
MAK-58-193A	0.09	0.4	79.6	7	3.9	22	35	630	0.2	0.03	0.04	0.03
MAK-58-19A	<0.01	0.2	80	6	3.4	28	8	117	0.21	0.03	0.03	0.03
MAK-58-19.7A	0.88	<0.2	35.9	<2	2.2	11	6	375	0.22	0.03	0.03	0.03
MAK-59-10A	0.02	0.4	76.6	14	62.8	1	<3	483	0.14	0.12	0.69	0.33
MAK-59-11A	0.02	<0.2	57.8	9	59.3	1	<3	336	0.13	0.12	0.71	0.35
MAK-59-12A	0.01	<0.2	30.5	2	43.9	<1	<3	28	0.2	0.12	0.64	0.27
MAK-60-10A	0.01	<0.2	105	96	133	2	15	283	0.15	0.11	1.03	0.42
MAK-60-11A	0.01	<0.2	108	69	133	2	14	165	0.11	0.1	1.15	0.44
MAK-60-12A	0.01	<0.2	55	70	175	1	16	24	0.04	0.15	2.46	0.66
MAK-61-17A	0.01	<0.2	169	38	115	3	6	128	0.08	0.1	0.55	0.43
MAK-61-18A	0.01	<0.2	372	29	202	2	4	81	0.08	0.1	0.51	0.41
MAK-61-19A	0.02	<0.2	19.5	7	37.5	5	<3	31	0.15	0.09	0.51	0.28
MAK-61-19.5A	<0.01	<0.2	7.6	5	13.8	3	<3	16	0.1	0.07	0.2	0.14
MAK-62-10A	0.03	<0.2	41.8	5	51.4	2	9	553	0.18	0.05	0.2	0.12
MAK-62-11A	0.01	0.3	16.3	6	48.9	2	5	37	0.16	0.05	0.23	0.15
MAK-62-12A	0.03	<0.2	47.9	8	72.9	2	9	40	0.13	0.05	0.37	0.25
MAK-62-13A	0.02	0.2	4.1	2	48	1	6	17	0.09	0.05	0.71	0.84
MAK-63-13A	0.02	<0.2	91.7	32	134	1	25	140	0.1	0.37	0.94	0.47
MAK-63-14A	0.03	0.3	194	33	186	1	36	138	0.06	0.46	1.19	0.63
MAK-63-15A	<0.01	0.5	72.9	18	88.8	2	48	182	0.07	0.32	0.94	0.84
MAK-64-13A	0.01	<0.2	75.3	15	122	<1	8	393	0.12	0.14	0.59	0.48
MAK-64-14A	0.02	<0.2	67.4	19	98.8	<1	8	363	0.12	0.11	0.55	0.42
MAK-64-15A	0.01	0.3	39.6	3	102	1	7	278	0.13	0.12	0.82	0.56
MAK-65-12A	0.03	0.5	30.1	13	132	<1	<3	255	0.15	0.05	0.97	0.59
MAK-65-13A	0.05	0.3	28.1	11	126	<1	3	271	0.18	0.04	0.97	0.57
MAK-65-14A	0.04	<0.2	29.8	<2	132	<1	<3	106	0.11	0.05	1.42	0.63
MAK-66-10A	0.09	<0.2	61.2	12	140	<1	6	482	0.14	0.2	1.24	0.93
MAK-66-11A	0.06	<0.2	34.2	11	134	<1	<3	227	0.18	0.14	1.03	0.7
MAK-66-12A	0.07	0.4	58.9	3	182	<1	<3	130	0.15	0.23	1.31	1.1
MAK-66-12.7A	<0.01	0.5	29.5	19	79.5	4	14	86	0.13	0.09	0.36	0.27
MAK-67-17A	<0.01	0.2	52.1	25	46.2	2	40	91	0.09	0.05	0.11	0.18
MAK-67-18A	<0.01	<0.2	62.1	26	42.9	2	41	93	0.08	0.05	0.1	0.16
MAK-67-19A	0.01	<0.2	17.7	8	26.8	3	34	32	0.19	0.04	0.05	0.09
MAK-68-27A	0.01	0.3	85.6	47	87.3	9	4	68	0.1	0.04	0.57	0.63
MAK-68-28A	0.02	<0.2	224	43	140	10	<3	48	0.08	0.04	0.62	0.65
MAK-68-29A	0.02	0.4	27.4	14	34.6	8	<3	38	0.14	0.06	0.34	0.42
MAK-69-02A	<0.01	<0.2	66.2	7	31.8	6	5	127	0.16	0.07	0.04	0.06
MAK-69-04A	<0.01	0.3	27.9	8	11	3	5	270	0.21	0.08	0.03	0.03
MAK-69-05A	<0.01	0.4	54.6	10	20.7	3	<3	149	0.19	0.07	0.03	0.03
MAK-69-06A	0.01	<0.2	60.7	10	20.3	3	<3	544	0.16	0.08	0.03	0.03
MAK-69-07A	<0.01	<0.2	45.9	16	20.7	3	<3	308	0.13	0.07	0.04	0.05
MAK-69-20A	0.03	0.6	95.3	11	17.3	3	7	707	0.15	0.04	0.03	0.05
MAK-69-27A	0.01	0.3	67.9	7	49.8	9	4	418	0.19	0.03	0.45	0.07
MAK-69-28A	<0.01	0.3	73.5	7	42.8	6	4	533	0.16	0.04	0.39	0.07
MAK-69-29A	0.01	0.6	31.7	9	26.2	3	<3	251	0.17	0.05	0.04	0.05
MAK-69-30A	0.01	<0.2	89.1	10	50.8	2	<3	597	0.2	0.03	0.68	0.08
MAK-70-24A	<0.01	<0.2	48.1	7	13	3	<3	134	0.1	0.05	0.06	0.06
MAK-70-25A	0.01	<0.2	17.8	7	7.8	2	<3	74	0.09	0.04	0.04	0.08
MAK-70-26A	0.01	<0.2	35.7	7	10.8	2	<3	122	0.11	0.06	0.06	0.08
MAK-70-28A	<0.01	<0.2	31.1	8	9	3	<3	211	0.09	0.04	0.07	0.04
MAK-70-29A	<0.01	<0.2	29	6	11	2	<3	150	0.1	0.04	0.12	0.05
MAK-70-30A	<0.01	<0.2	40.9	11	41	2	<3	63	0.13	0.06	0.44	0.09
MAK-72-17A	<0.01	0.3	47.2	108	103	1	<3	70	0.14	0.07	0.27	0.1
MAK-72-18A	<0.01	<0.2	39.3	29	59.1	<1	<3	44	0.11	0.07	0.3	0.1
MAK-72-19.5A	0.01	<0.2	22	9	39.4	1	<3	33	0.15	0.09	0.37	0.14
MAK-72-20A	0.01	<0.2	30.7	16	44.5	1	<3	31	0.15	0.07	0.37	0.17
C2002A	0.02	<0.2	28.1	9	4.1	4	<3	75	0.16	0.02	0.02	0.04
C2003A	0.02	0.4	81.3	8	8.1	6	<3	46	0.16	0.02	0.01	0.02
C2004A	0.02	<0.2	70.9	4	14.7	1	<3	25	0.06	0.02	0.01	0.08
C2005A	0.03	0.5	48.1	101	13.7	8	14	85	0.13	0.02	0.02	0.04
C2006A	0.04	0.8	12.3	68	6	55	3	67	0.04	0.02	0.01	0.08
C2007A	0.13	<0.2	5.2	26	1.8	47	8	34	0.08	0.02	<0.01	0.01
C2008A	1.05	<0.2	56.7	6	3.3	13	15	113	0.02	0.02	<0.01	0.02

Appendix 11

Geochemical Results for Akmola area

SampleID Scheme Unit DetectionLimit	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Pb ICP70 ppm 2	Zn ICP70 ppm 0.5	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
C2009A	1.90	5.1	52.8	11	8.8	52	15	355	0.02	0.02	<0.01	0.03
C2010A	0.02	<0.2	13.9	<2	3.4	19	6	80	0.16	0.02	<0.01	0.03
C2011A	0.16	<0.2	21	8	2	38	8	25	0.06	0.04	<0.01	0.06
C2012A	0.18	<0.2	12	4	2.8	5	4	51	0.03	0.02	<0.01	0.02
C2013A	0.40	<0.2	18.1	10	3.9	7	7	50	0.04	0.02	<0.01	0.02
C2015A	0.01	<0.2	5.5	<2	1.2	4	<3	30	0.13	0.02	<0.01	0.01
C2016A	0.12	<0.2	15.2	6	2	13	<3	125	0.01	0.02	<0.01	0.03
C2017A	1.07	0.4	15	38	6.8	60	6	63	0.04	0.02	<0.01	0.04
C2018A	1.13	0.5	22.5	41	16.7	78	9	90	0.04	0.02	0.02	0.11
C2020A	0.01	<0.2	37.4	4	4.3	13	<3	21	0.07	0.02	0.01	0.02
C2021A	0.23	0.5	35.1	34	4.5	162	33	142	0.06	0.02	<0.01	0.03
C2022A	0.13	<0.2	25.5	9	2.8	11	5	119	0.07	0.02	<0.01	0.03
C2026A	0.01	<0.2	5.1	<2	1.6	2	<3	32	0.13	0.02	0.02	0.15
C2027A	0.01	<0.2	23.6	4	3.1	5	<3	72	0.15	0.02	0.01	0.03
C2031A	0.07	0.3	38.3	9	8.1	6	<3	52	0.01	0.02	<0.01	0.04
C2035A	0.01	<0.2	9	3	3	4	<3	6	0.01	0.02	<0.01	<0.01
C2036A	0.02	<0.2	20.3	7	5.7	4	<3	575	0.12	0.02	<0.01	0.06
C2037A	0.11	0.2	8.5	6	4.5	3	<3	101	0.2	0.02	0.02	0.09
C2040A	0.09	0.6	33.7	3	7.7	7	<3	96	0.01	0.02	<0.01	0.26
C2042A	<0.01	0.3	12.7	<2	4.2	33	<3	192	0.14	0.02	<0.01	0.07
C2043A	0.04	0.5	63.3	4	10.7	5	<3	106	0.01	0.04	<0.01	0.07
C2044A	0.04	1.9	196	10	32.7	2	<3	80	0.02	0.09	0.03	0.15
C2045A	0.15	<0.2	12	4	2.5	7	5	114	0.03	0.02	<0.01	0.04
C2046A	0.03	0.5	28.2	35	4.6	77	19	216	0.05	0.02	0.01	0.05
C2047A	0.20	0.3	11.7	5	2.5	5	<3	206	0.07	0.02	<0.01	0.03
C2050A	0.07	0.5	14.5	33	8.5	25	25	740	0.02	0.02	<0.01	0.09
C2052A	0.28	<0.2	10.8	<2	3.3	6	4	57	0.09	0.02	<0.01	0.04
C2055A	0.01	0.4	9.3	<2	3.5	5	7	46	0.02	0.02	<0.01	0.02
C2059A	0.07	0.6	24.2	8	4	49	18	178	0.02	0.02	<0.01	0.03
C2060A	0.01	<0.2	9.6	4	1.8	4	<3	51	0.14	0.02	<0.01	0.01
C2061A	0.01	<0.2	7.1	2	2.1	3	<3	28	0.14	0.02	<0.01	0.05
C2062A	0.02	<0.2	7.4	11	1.5	51	3	48	0.04	0.02	<0.01	0.01
C2063A	0.01	0.4	12.8	8	3.6	22	5	33	0.08	0.02	<0.01	0.03
C2064A	0.01	<0.2	10.5	8	6.2	5	<3	47	0.12	0.03	0.01	0.05
C2066A	<0.01	0.9	200	105	140	1	54	144	0.07	0.04	0.05	0.07
C2067A	0.01	0.5	17.3	11	3.9	97	3	130	0.02	0.02	<0.01	0.11
C2068A	<0.01	<0.2	8.3	<2	3	6	<3	31	0.03	0.02	<0.01	0.03
C2071A	0.01	<0.2	8.1	236	8.4	12	13	100	0.07	0.03	0.01	0.03
C2072A	0.03	0.2	13.9	57	10	17	5	41	0.03	0.02	<0.01	0.01
C2076A	0.02	0.2	15.7	3	2.4	6	<3	82	0.11	0.02	<0.01	0.04
C2078A	0.08	1.8	22.1	445	19.7	15	10	248	0.06	0.02	<0.01	0.05
C2079A	0.07	1.9	15.5	<2	4.8	17	<3	2550	0.15	0.02	<0.01	0.03
C2080A	0.02	0.3	7	<2	2	4	4	56	0.04	0.02	<0.01	0.06
C2082A	0.10	0.6	30	20	9.7	24	77	471	0.02	0.02	0.01	0.04
C2083A	0.14	2.8	10.7	26	6.8	19	31	454	0.04	0.02	<0.01	0.07
C2087A	0.15	2.3	21.8	8	6.7	10	17	2390	0.07	0.02	0.01	0.07
C2088A	0.17	1.2	27.1	21	7.6	16	27	426	0.05	0.02	<0.01	0.1
C2089A	0.07	2.9	17.9	95	5.3	29	12	182	0.07	0.02	<0.01	0.06
C2090A	2.40	10.5	52.6	47	15.3	143	15	485	0.04	0.02	<0.01	0.05
C2091A	0.05	0.7	102	19	23.5	101	31	107	0.06	0.02	0.01	0.05
C2092A	0.03	0.9	38.5	22	11.1	119	18	97	0.07	0.02	0.01	0.07
C2093A	0.07	<0.2	9.4	4	2.4	13	6	376	0.03	0.02	<0.01	0.02
C2094A	0.04	<0.2	16.7	<2	2.8	5	<3	81	0.08	0.02	<0.01	0.05
C2096A	0.02	<0.2	14.6	4	10	12	7	65	0.15	0.02	0.01	0.07
C2097A	0.07	0.2	7.9	<2	6.4	7	<3	69	0.05	0.02	<0.01	0.04
C2098A	0.08	<0.2	9.2	<2	3.4	7	<3	22	0.01	0.02	<0.01	<0.01
C2099A	0.02	<0.2	17.7	5	3.6	15	3	207	0.14	0.03	0.01	0.05
C2100A	0.55	1.6	49.8	14	4.9	9	<3	75	0.05	0.02	<0.01	0.12
C2101A	0.05	0.3	21.9	5	3.9	66	8	76	0.06	0.01	<0.01	0.03
C2102A	5.15	1	31.3	5	5.1	11	5	142	0.06	0.01	<0.01	0.1
C2103A	0.03	0.3	27	5	3.8	33	<3	107	0.07	0.02	<0.01	0.1
C2104A	0.02	<0.2	21.2	3	2.1	28	<3	248	0.23	0.11	<0.01	0.03
C2105A	0.02	0.6	19.9	4	3.5	5	<3	58	0.14	0.02	<0.01	0.02

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Geochemical Results for Akmola area

SampleID Scheme Unit DetectionLimit	Au AAS ppm 0.01	Ag ICP70 ppm 0.2	Cu ICP70 ppm 0.5	Pb ICP70 ppm 2	Zn ICP70 ppm 0.5	Mo ICP70 ppm 1	As ICP70 ppm 3	Ba ICP70 ppm 1	K ICP70 % 0.01	Na ICP70 % 0.01	Mg ICP70 % 0.01	Ca ICP70 % 0.01
C2106A	0.08	<0.2	15.9	10	5.9	7	4	47	0.01	0.02	<0.01	0.02
C2107A	0.13	0.5	18.2	17	3.9	10	6	81	0.06	0.02	<0.01	0.03
C2108A	0.01	<0.2	49.6	4	3	5	<3	58	0.14	0.02	<0.01	0.03
C2109A	0.02	0.2	20	5	1.7	5	7	194	0.18	0.02	0.01	0.04
C2110A	0.27	<0.2	9.4	4	3.6	17	<3	111	0.12	0.02	0.01	0.04
C2111A	0.02	0.4	48.5	22	5.4	10	5	69	0.12	0.02	0.01	0.04
C2112A	0.84	0.7	75.4	10	3.1	6	<3	62	0.11	0.02	<0.01	0.03
C2113A	0.01	<0.2	12.4	8	4	8	3	31	0.14	0.02	<0.01	0.02
C2114A	0.01	1.3	176	17	80.1	<1	<3	205	0.06	0.03	0.03	0.07
C2115A	0.01	<0.2	21.9	<2	3.3	16	<3	704	0.16	0.03	<0.01	0.04
C2116A	0.14	0.7	26.1	21	6.9	5	3	589	0.16	0.05	<0.01	0.03
C2117A	0.02	<0.2	14.4	12	4.4	125	22	81	0.05	0.02	<0.01	0.06
C2202A	0.01	<0.2	3.4	7	163	2	<3	1180	0.14	0.04	0.6	0.31
C2206A	0.01	<0.2	3.2	<2	9.4	3	<3	112	0.1	0.04	0.07	0.08
C2207A	0.01	1.1	37.2	309	3.6	12	14	29	0.05	0.02	<0.01	0.02
C2209A	0.01	0.6	6.3	2	1.8	4	7	78	0.13	0.02	0.01	0.02
C2210A	0.02	0.2	5.3	<2	2.5	7	7	318	0.02	0.02	<0.01	0.03
C2212A	0.01	<0.2	10.1	37	3.3	12	3	138	0.18	0.02	0.01	0.02
C2213A	0.01	<0.2	7	3	2.8	4	11	88	0.21	0.02	0.01	0.03
C2216A	0.06	0.3	16.9	105	5.6	40	46	149	0.16	0.02	<0.01	0.03
C2217A	0.02	0.2	7.3	9	3.7	15	12	1270	0.17	0.02	0.01	0.07
C2218A	0.59	9.4	58.5	216	13	20	17	708	0.18	0.06	<0.01	0.14
C2220A	0.10	2	21.9	31	10.7	15	9	245	0.05	0.02	<0.01	0.07
C2222A	0.03	1.2	53.2	101	12.5	11	12	165	0.05	0.02	0.01	0.19
C2223A	0.01	<0.2	33.8	<2	15.3	15	13	94	0.09	0.02	<0.01	0.05
C2224A	0.01	0.2	46	16	18.6	11	143	48	0.14	0.02	0.02	0.1
C2225A	0.02	0.9	162	169	49.7	92	161	102	0.18	0.02	0.01	0.04
C2226A	0.04	<0.2	15.3	3	3.9	4	10	1030	0.06	0.01	<0.01	0.02
C2227A	0.65	0.6	23.5	74	4.1	7	8	87	0.02	0.01	<0.01	0.06
C2250A	0.01	0.2	6.4	15	7.4	2	12	130	0.17	0.03	0.02	0.05
C2251A	0.04	<0.2	17.6	62	4.6	31	42	265	0.14	0.02	<0.01	0.05
C2252A	0.19	3.1	48	97	13.8	13	95	2020	0.08	0.02	<0.01	0.03
C2257A	0.17	1.1	23.2	17	4.5	99	8	112	0.04	0.02	<0.01	0.06
C2258A	0.41	1.1	77.9	656	107	53	129	122	0.1	0.03	0.03	0.06
C2259A	0.34	2.1	103	64	21	37	63	327	0.02	0.02	<0.01	0.02
C2260A	<0.01	<0.2	6.6	6	2.1	8	<3	84	0.01	0.01	<0.01	0.03
C2261A	0.17	0.8	44.8	236	23.7	115	43	324	0.06	0.02	<0.01	0.03
C2262A	0.17	0.8	141	285	77.9	45	55	140	0.14	0.07	0.03	0.12
C2263A	0.04	2.4	12.6	41	6.9	4	<3	498	0.16	0.02	0.02	0.06
C2264A	<0.01	0.4	41.9	11	15.5	16	<3	122	0.15	0.02	0.03	0.11