

Tabla II-1-16

**Resultados de EPMA Análisis
(Composición Química de Minerales)**

Area Tizapa

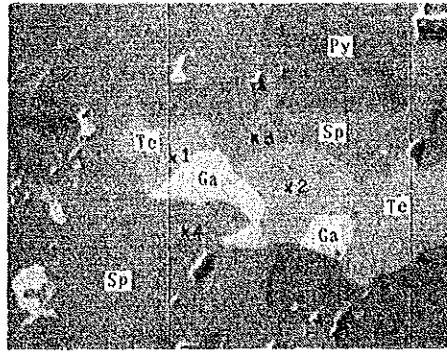
Resultados de EPMA Análisis
(Composición Química de Minerales)

No.	Ubicacion	Punto	Composición Química de Mineral (% Atómico)	Mineral
1	MJM-1 201m	A-1	Cu 25.7, Ag 10.1, Fe 5.7, Zn 2.1, Sb 13.0, As 0.6, S 42.7	Tetrahedrita
2	MJM-1 201m	A-2	Cu 26.7, Ag 9.4, Fe 5.9, Zn 1.7, Sb 12.5, As 1.2, S 42.6	Tetrahedrita
3	MJM-1 201m	A-4	Zn 43.7, Fe 7.0, Mn 0.1, Cd 0.2, S 49.0	Esfalerita
4	MJM-1 201m	B-5	Pb 17.3, Cu 17.5, Fe 0.1, Zn 0.4, Sb 15.8, S 48.8	Bournonita
5	MJM-1 201m	B-6	Pb 17.0, Cu 17.1, Fe 0.2, Zn 1.5, Sb 15.7, S 48.5	Bournonita
6	MJM-1 201m	B-7	Cu 25.4, Ag 10.7, Fe 5.6, Zn 1.3, Sb 13.6, As 0.5, S 42.7	Tetrahedrita
7	MJM-1 201m	B-8	Cu 25.5, Ag 10.8, Fe 5.6, Zn 1.5, Sb 13.8, As 0.4, S 42.4	Tetrahedrita
8	MJM-1 247m	1	Pb 49.2, Ag 0.1, Sb 0.1, S 50.5	Galena
9	MJM-1 247m	2	Pb 49.2, Ag 0.2, Sb 0.2, S 50.4	Galena
10	MJM-2 123m	1	Pb 16.7, Ag 6.1, Cu 0.1, Fe 2.1, Zn 1.8, Sb 22.7, S 50.7	Pb-Ag-Sb-S
11	MJM-2 123m	2	Pb 23.0, Ag 2.8, Cu 0.4, Fe 0.7, Zn 1.7, Sb 20.8, S 50.6	Pb-Ag-Sb-S
12	MJM-2 123m	3	Pb 49.1, Ag 0.2, Sb 0.3, S 50.4	Galena
13	MJM-2 123m	4	Pb 49.4, Ag 0.2, Sb 0.2, S 50.1	Galena
14	MJM-3 77m	1	Cu 24.7, Ag 11.5, Fe 5.7, Zn 1.5, Sb 12.9, As 0.9, S 42.8	Tetrahedrita
15	MJM-3 77m	2	Cu 24.9, Ag 11.5, Fe 5.8, Zn 1.2, Sb 12.8, As 1.1, S 42.7	Tetrahedrita
16	MJM-7 115m	1	Cu 25.8, Ag 10.8, Fe 5.8, Zn 1.3, Sb 13.0, As 0.7, S 42.6	Tetrahedrita
17	MJM-7 115m	2	Cu 25.8, Ag 10.6, Fe 5.8, Zn 1.9, Sb 12.7, As 0.7, S 42.6	Tetrahedrita

Tabla 11-1-17

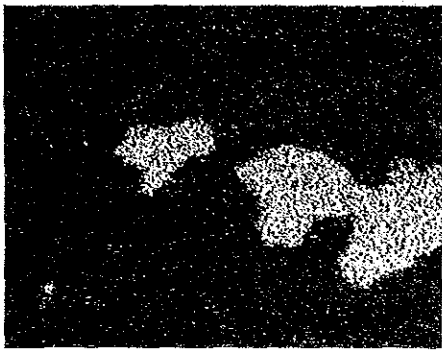
Resultados de EPMA análisis
(Imagen Electronica Esparcida)
Area Tizapa

Muestra : MJM-1 201m(A)

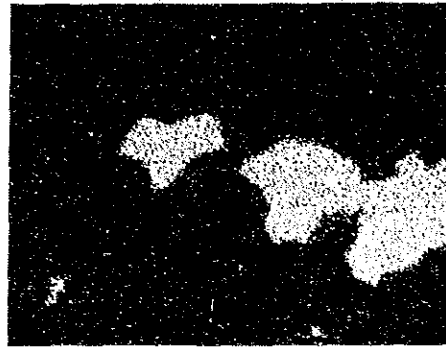


Back-Scattered Electron Image(BEI)

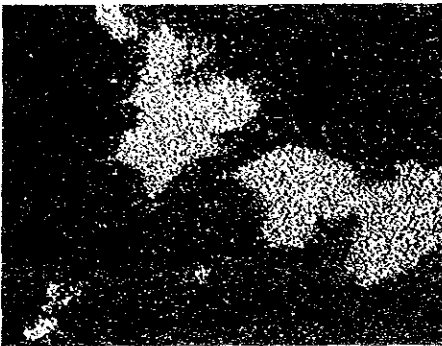
20μ



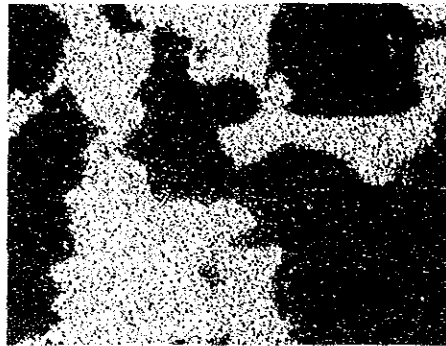
X-ray Image : Ag(Lα)



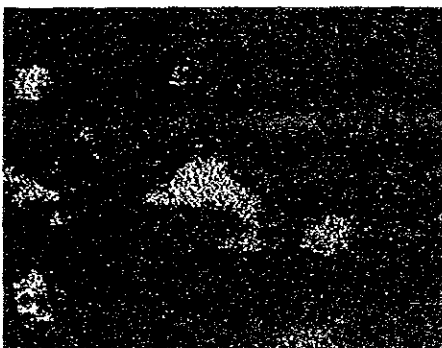
X-ray Image : Sb(Lα)



X-ray Image : Cu(Kα)

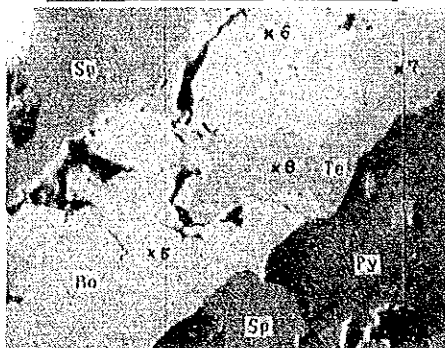


X-ray Image : Zn(Kα)



X-ray Image : Pb(Lα)+As(Kα)

Muestra : MJM-1 201m(B)

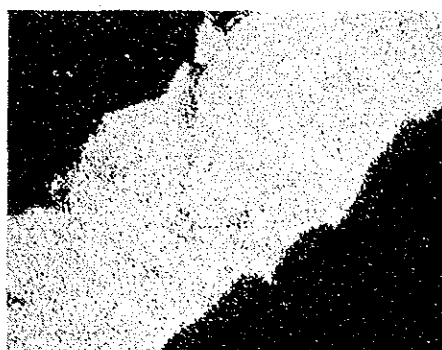


Back-Scattered Electron Image (BEI)

20µ



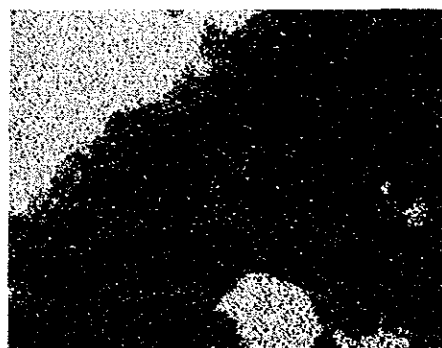
X-ray Image : Ag(L α)



X-ray Image : Sb(L α)



X-ray Image : Cu(K α)



X-ray Image : Zn(K α)

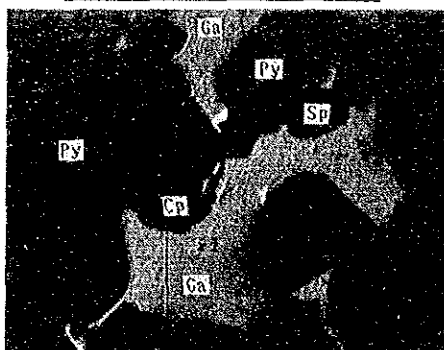


X-ray Image : Pb(L α)+As(K α)



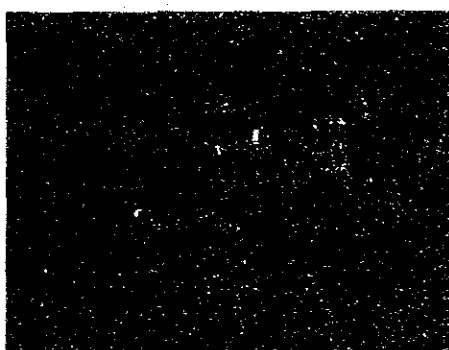
X-ray Image : Fe(K α)

Muestra : MJM-1 247m



Back-Scattered Electron Image (BEI)

20µ



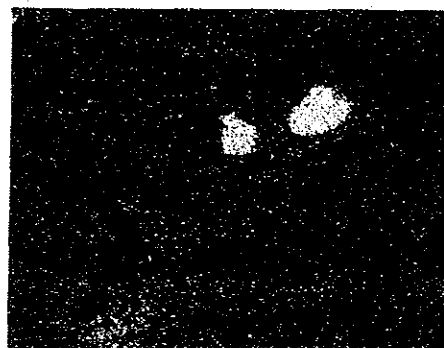
X-ray Image : Ag(L α)



X-ray Image : Sb(L α)



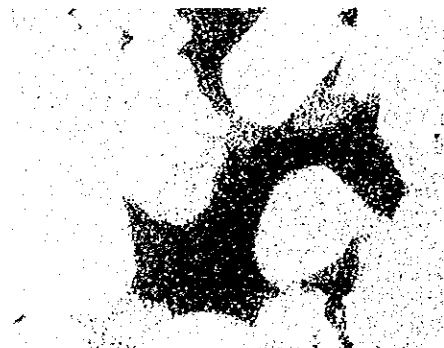
X-ray Image : Cu(K α)



X-ray Image : Zn(K α)

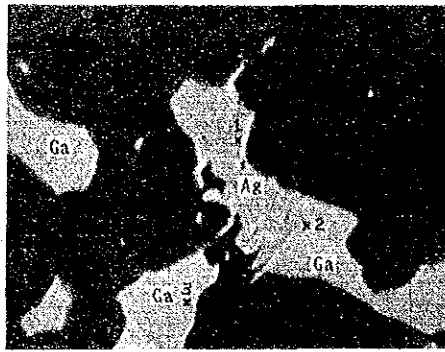


X-ray Image : Pb(L α)



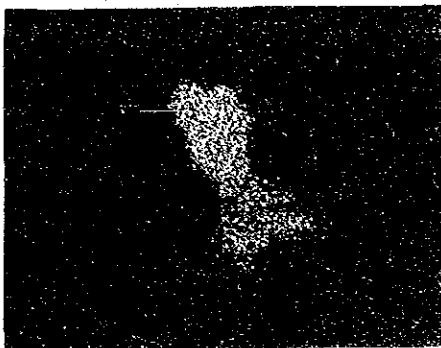
X-ray Image : Fe(K α)

Muestra : MJM-2 123m

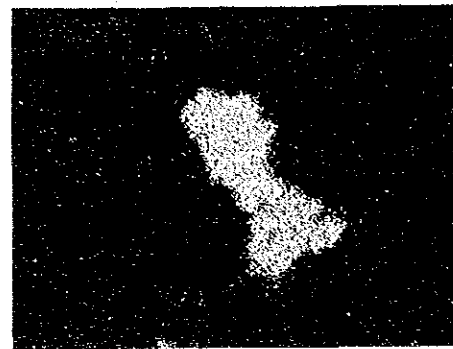


Back-Scattered Electron Image (BEI)

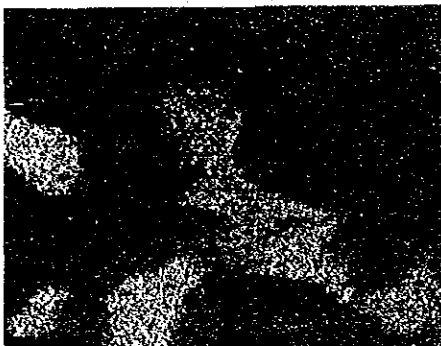
10 μ



X-ray Image : Ag(L α)

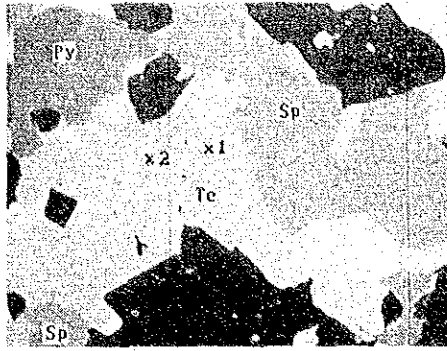


X-ray Image : Sb(L α)



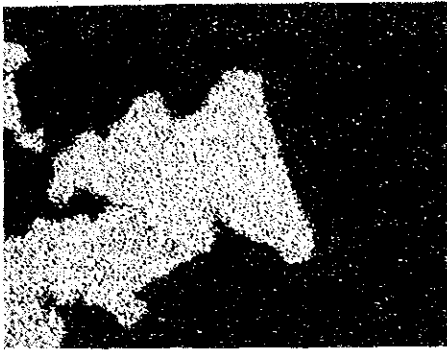
X-ray Image : Pb(L α)+As(K α)

Muestra : MJM-3 77m

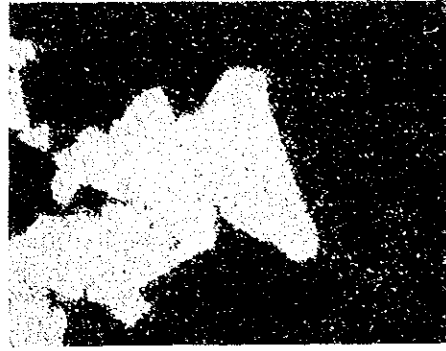


Back-Scattered Electron Image (BEI)

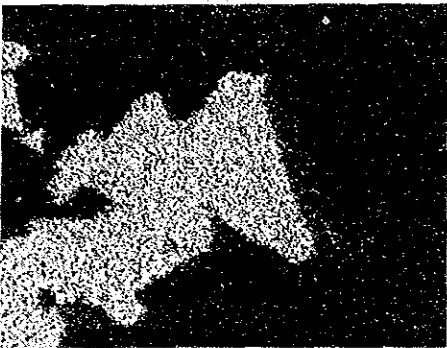
20 μ



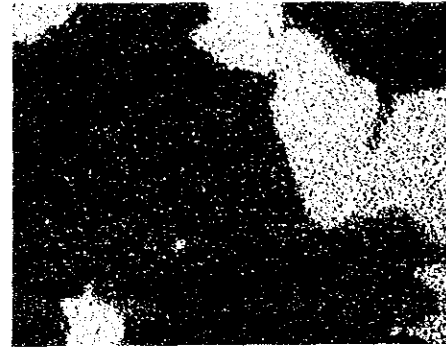
X-ray Image : Ag(L α)



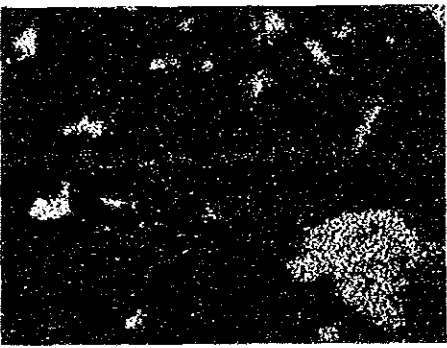
X-ray Image : Sb(L α)



X-ray Image : Cu(K α)



X-ray Image : Zn(K α)

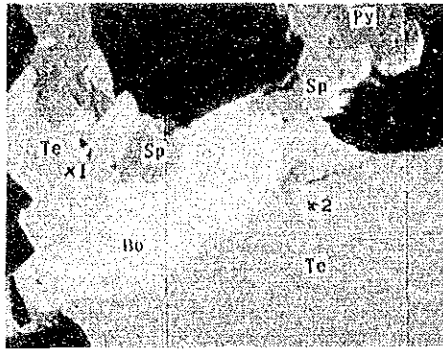


X-ray Image : Pb(L α)+As(K α)



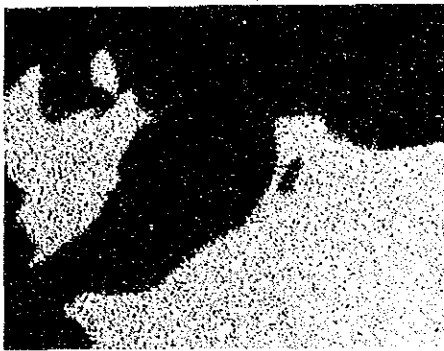
X-ray Image : Fe(K α)

Muestra : MJM-7 115m



Back-Scattered Electron Image (BEI)

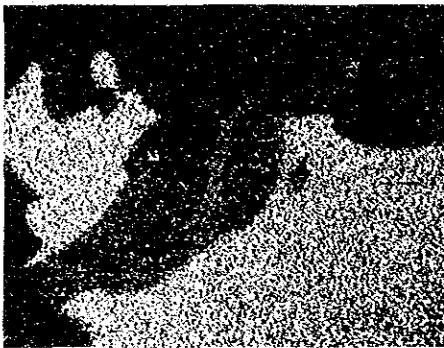
20 μ



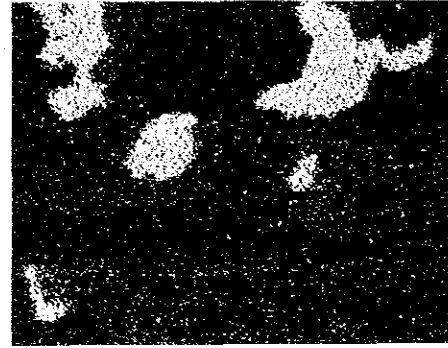
X-ray Image : Ag(L α)



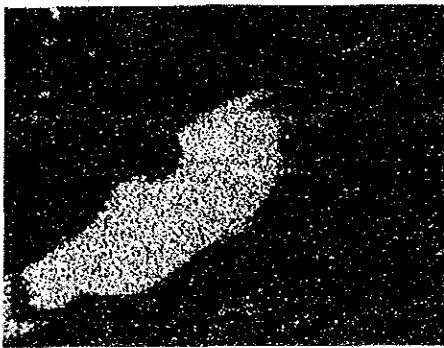
X-ray Image : Sb(L α)



X-ray Image : Cu(K α)



X-ray Image : Zn(K α)



X-ray Image : Pb(L α)+As(K α)



X-ray Image : Fe(K α)

Tabla II-1-18

Resultados de Análisis Químico de las Muestras

Area Tizapa

MJM-1

MJM-2

MJM-3

MJM-4

MJM-5

MJM-6

MJM-7

Resultados de Análisis Químico de las Muestras

No.	De (m)	A (m)	Ancho(m)	MJM-1				
				Au g/t	Ag g/t	Cu %	Pb %	Zn %
1	200.60	201.50	1.25	3.7	561	0.33	3.89	19.56
2	235.80	237.10	1.30	3.7	297	0.87	0.12	16.38
3	244.60	245.60	1.00	0.1	4	0.02	<0.01	0.06
4	245.60	246.70	1.10	0.2	3	<0.01	0.01	0.09
5	246.70	248.00	1.30	3.3	368	0.80	2.59	13.77
6 *	248.00	248.30	0.30	0.6	0.9	0.04	-	0.09
7 *	248.30	248.43	0.13	2.0	136.4	0.04	0.80	2.30
8	248.43	249.60	1.17	0.1	5	0.04	<0.01	0.03
9 *	249.60	249.70	0.10	4.4	424.0	0.07	1.60	4.70
10	249.70	250.40	0.50	0.5	21	0.08	0.05	0.06
11 *	(250.00	250.20)	0.20	5.1	230.9	0.03	1.20	7.50
12	250.40	251.40	1.00	4.4	276	0.45	0.48	7.07
13	251.40	252.40	1.00	3.5	411	0.37	0.50	6.07
14	252.40	253.40	1.00	4.6	395	0.31	1.20	5.30
15	253.40	254.40	1.00	3.3	276	0.60	0.40	7.68
16	254.40	255.40	1.00	1.4	89	0.26	0.96	9.81
17	255.40	256.40	1.00	1.5	264	0.57	3.60	12.71
18	256.40	257.40	1.00	2.6	349	1.90	4.02	14.36
19	257.40	258.40	1.00	2.7	275	0.50	1.91	15.89
20	258.40	258.80	0.40	2.4	225	0.65	2.07	9.31
21	258.80	259.80	1.00	0.1	2	<0.01	<0.01	0.02
22	259.80	260.80	1.00	0.1	2	0.12	<0.01	0.01
23	260.80	262.15	1.35	0.1	2	<0.01	<0.01	0.01
24	262.15	263.30	1.15	0.6	28	0.94	0.04	0.16
25	263.30	264.30	1.00	<0.1	1	0.02	<0.01	0.01
26	264.30	265.30	1.00	<0.1	1	<0.01	<0.01	<0.01
27	265.30	266.30	1.00	0.1	5	0.13	<0.01	0.02
28	266.30	267.30	1.00	0.2	8	0.29	<0.01	0.02
29	267.30	268.30	1.00	0.1	1	0.02	<0.01	0.02
30	268.30	269.80	1.50	<0.1	3	0.01	<0.01	0.02

MJM-2

No.	De (m)	A (m)	Ancho(m)	Au g/t	Ag g/t	Cu %	Pb %	Zn %
1	94.10	95.30	1.20	1.6	141	0.11	1.57	10.69
2	95.30	96.50	1.20	2.1	155	0.14	0.55	14.70
3	100.40	101.40	1.00	<0.1	4	0.01	0.02	0.13
4	101.40	102.40	1.00	0.1	4	0.03	0.03	0.17
5	102.40	103.30	0.90	0.2	8	0.12	0.02	0.50
6	103.30	104.40	1.10	2.4	104	1.62	0.39	4.42
7	104.40	105.50	1.10	1.4	148	1.46	0.30	4.07
8	105.50	106.30	0.80	<0.1	4	0.03	0.02	0.28
9	106.30	107.30	1.00	1.5	63	0.68	0.11	1.00
10	107.30	108.30	1.00	2.0	90	0.86	0.18	0.87
11	108.30	109.30	1.00	1.5	60	0.50	0.13	0.70
12	109.30	110.30	1.00	1.6	65	0.98	0.10	0.50
13	110.30	111.30	1.00	1.8	48	0.97	0.08	0.59
14	111.30	112.30	1.00	1.1	60	0.84	0.12	0.65
15	112.30	113.30	1.00	1.2	40	0.54	0.06	0.39
16	113.30	114.30	1.00	1.4	49	0.47	0.05	0.33
17	114.30	115.30	1.00	1.6	78	1.14	0.08	0.36
18	115.30	116.30	1.00	1.3	55	0.84	0.07	0.22
19	116.30	117.30	1.00	1.5	37	0.52	0.06	0.85
20	117.30	118.30	1.00	2.2	68	0.62	0.10	0.80
21	118.30	119.30	1.00	2.4	218	0.66	0.15	1.06
22	119.30	120.30	1.00	2.4	58	0.41	0.18	2.25
23	120.30	121.30	1.00	1.3	49	0.28	0.12	4.58
24	121.30	122.30	1.00	2.1	86	0.37	0.10	8.27
25	122.30	123.25	0.95	3.9	241	0.14	2.30	14.26
26	132.10	132.80	0.70	<0.1	16	0.74	0.14	0.41
27	181.40	182.50	1.10	0.2	4	<0.01	0.01	0.07
28	183.00	183.90	0.90	0.2	2	<0.01	0.08	0.07
29	186.90	188.00	1.10	0.1	3	0.07	<0.01	0.07
30	195.40	196.00	0.60	0.1	22	1.09	0.03	0.12

MJM-3

<u>No.</u>	<u>De (m)</u>	<u>A (m)</u>	<u>Ancho(m)</u>	<u>Au g/t</u>	<u>Ag g/t</u>	<u>Cu %</u>	<u>Pb %</u>	<u>Zn %</u>
1	71.35	72.20	0.85	2.3	108	0.13	0.86	6.68
2	72.20	73.10	0.90	1.4	50	0.36	0.19	6.63
3	75.80	76.70	0.90	3.1	67	0.16	0.55	6.71
4	77.00	77.30	0.30	9.2	2888	0.83	5.87	22.64
5	77.30	77.40	0.10	3.8	1094	0.42	6.60	16.70
6	77.40	78.70	1.30	0.1	6	0.01	0.02	0.09
7	78.70	80.30	1.60	1.8	210	0.21	0.85	2.32
8	80.30	81.30	1.00	0.1	4	0.01	<0.01	0.03
9	81.30	82.30	1.00	<0.1	2	<0.01	<0.01	0.02
10	82.30	83.30	1.00	<0.1	2	0.05	<0.01	0.01
11	83.30	84.30	1.00	<0.1	<1	<0.01	<0.01	0.01
12	84.30	85.30	1.00	<0.1	1	<0.01	<0.01	<0.01
13	85.30	86.30	1.00	0.1	1	<0.01	<0.01	0.02
14	86.30	87.70	1.40	<0.1	1	<0.01	<0.01	0.02
15	90.30	91.00	0.70	0.1	9	0.27	0.03	0.09
16	108.00	108.40	0.40	<0.1	7	0.13	0.03	0.08
17	109.40	109.90	0.50	0.1	20	1.12	<0.01	0.09
18	109.90	110.50	0.60	<0.1	19	1.37	<0.01	0.06
19	132.40	135.00	2.60	<0.1	1	0.01	<0.01	0.02
20	135.00	135.40	0.40	<0.1	4	0.04	<0.01	0.03
21	135.40	135.90	0.50	0.1	4	0.07	<0.01	0.04
22	135.90	137.60	1.70	<0.1	2	0.03	<0.01	0.03

MJM-4

<u>No.</u>	<u>De (m)</u>	<u>A (m)</u>	<u>Ancho(m)</u>	<u>Au g/t</u>	<u>Ag g/t</u>	<u>Cu %</u>	<u>Pb %</u>	<u>Zn %</u>
1	114.10	114.90	0.80	4.4	1098	0.36	3.05	10.72
2 *	116.00	116.20	0.20	2.6	107.8	0.10	0.98	6.20
3	153.60	154.60	1.00	1.1	116	3.20	0.33	2.36
4	154.60	155.60	1.00	0.9	59	1.72	0.08	0.22
5	155.60	156.60	1.00	0.4	52	1.58	0.12	0.21
6	156.60	157.60	1.00	<0.1	4	0.02	0.02	0.08
7	157.60	158.20	0.60	0.1	4	0.09	<0.01	0.06

MJM-4 cont.

8	171.30	172.30	1.00	0.2	21	0.61	0.04	0.29
9	172.30	173.30	1.00	0.1	6	0.22	<0.01	0.25

MJM-5

No.	De (m)	A (m)	Ancho(m)	Au g/t	Ag g/t	Cu %	Pb %	Zn %
1 *	124.20	124.30	0.10	*	*	0.67	0.98	4.94
2	124.30	125.30	0.20	0.3	9	0.02	0.02	0.07
3	125.30	126.30	1.00	<0.1	1	0.04	<0.01	0.04
4	126.30	127.30	1.00	<0.1	3	0.07	<0.01	0.05
5	127.30	128.50	1.00	0.1	2	0.01	<0.01	0.03

MJM-6

No.	De (m)	A (m)	Ancho(m)	Au g/t	Ag g/t	Cu %	Pb %	Zn %
1	186.35	186.80	0.45	2.2	158	2.90	1.03	8.58
2	186.80	187.80	1.00	0.9	65	1.98	0.25	0.33
3	187.80	188.80	1.00	0.6	19	0.52	0.04	0.08
4	188.80	189.80	1.00	0.7	35	1.62	0.02	0.06
5	189.80	190.80	1.00	0.5	35	0.64	0.02	0.05
6	190.80	191.80	1.00	0.2	5	0.08	0.02	0.05
7	191.80	192.80	1.00	0.1	3	0.05	0.02	0.03
8	192.80	193.80	1.00	<0.1	3	0.01	<0.01	0.04
9	193.80	194.80	1.00	0.4	21	0.70	0.02	0.18
10	194.80	195.50	0.70	1.4	103	3.34	0.11	0.34
11	195.50	196.30	0.80	2.1	388	1.87	0.86	15.37
12 *	196.30	197.70	1.40	2.4	197.7	1.64	0.12	0.26
13	209.20	209.90	0.70	0.2	30	0.67	0.04	0.55

MJM-7

No.	De (m)	A (m)	Ancho(m)	Au g/t	Ag g/t	Cu %	Pb %	Zn %
1	114.80	116.10	1.30	3.6	549	0.18	2.43	12.55
2	116.10	117.10	1.00	0.2	48	0.14	0.05	0.18
3	117.10	118.10	1.00	<0.1	1	<0.01	0.01	0.05
4	118.10	119.20	1.10	<0.1	1	0.02	<0.01	0.02

Columnas Geológicas de Perforaciones

Area Tizapa

PL.1 MJM-1

PL.2 MJM-2

PL.3 MJM-3

PL.4 MJM-4

PL.5 MJM-5

PL.6 MJM-6

PL.7 MJM-7

Leyenda

Rocas

Ov	Overburden	Terreno
Clay	Clay	Arcilla
Ss	Sandstone	Arenisca
Cgl	Conglomerate	Conglomerado
Brc	Breccia	Brecha
Silt	Silt	Limolita
Goss	Gossan	Gossan
Sili	Silicified Rock	Roca Silicificada
Fls	Felsic rock	Roca Felsitico
QP	Quartz Porphyry	Porfido de Cuarzo
Por	Porphyrite	Porfidico
Bs	Basalt	Basalto
Fg	Graphite Schist	Esquisto de Grafitico
Eb	Biotite Schist	Esquisto de Biotita
Ec	Chlorite Schist	Esquisto de Clorita
Em	Muscovite Schist	Esquisto de Muscovita
Eq	Quartz Schist	Esquisto de Cuarzo
Es	Sericite Schist	Esquisto de Sericita
Et	Talc Schist	Esquisto de Talco
Pumice	Pumice	Piedra

Minerales

SM	Massive Sulfides	Sulfuros Masivos
B-O	Black Ore	Mena Negro
Y-O	Yellow Ore	Mena Amarilla
Py	Pyrite	Pirita
Cp	Chalcopyrite	Calcopirita
Sph	Sphalerite	Esfalerita
Gal	Galena	Galena
Bi	Biotite	Biotita
Chl	Chlorite	Clorita
Sc	Sercite	Sericita
Mv	Muscovite	Muscovita

Grph	Graphite	Grafito
Qz	Quartz	Cuarzo

Descripcion

aggr	aggregate	conjunto
imp	imprignation	impregnacion
diss	dissemination	diseminacion
acci	accidental	imprevista
clps	collapse	colapso
non-core	non core	no nucleo
fn	fine	fino
crs	coarse	grueso
md	medium	mediano
f	strong	fuerte
m	medium	mediano
p	weak	debil
dk	dark	oscuro
pl	pale	claro
hd	hard	duro
soft	soft	blando
part	partly	en parte
irreg	irregular	desigual
fluidal	fluidal	fluido
thin	thin	delgado
thick	thick	gordo
msv	massive	masivo
vesicul.	vesicular	vesicular
wk	weak	debil
angular	angular	angular
various	various	varios
gradual	gradual	gradual
round	round	redondo
granular	granular	granulo
weathered	weatered	desgastado
mix	mixed	mezcla
comp	compact	solido

micro	micro	micro
crack	crack	grieta
folding	folding	plieque
fault	fault	falla
rock	rock	roca
sludge	sludge	fango
dyke	dyke	dique
sch-sity	schist-sity	esquisto
boulder	boulder	canto
cble	cobble	adoquin
pble	pebble	guijarro
granule	granule	granulo
lens	lens	lente
incl	including	incluir
banded	banded	raya
grading	grading	gradacion
V	vein	veta
VI	veinlet	venilla
altn	alternate	alternativo
altr	alteration	alteracion
str	structure	estructura
laminae	laminae	lamina
expl	explosion	explosion
matrix	matrix	matriz
layered	layered	estrato
change	change	cambio
blk	black	negro
blu	blue	azul
bwn	brown	cafe
gry	gray	gris
pnk	pink	rosa
ppl	purple	purpura
wht	white	blanco
ylw	yellow	amarillo
red	red	rojo

Columnas Geológicas de Perforación MJM-1, Area Tizapa

MJM-1 0m~100m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION	MUESTRA			RESULTADO DE ANALISIS						
						De (m)	A (m)	Ancho (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)		
170		Ov	non-core												
300		Ov	non-core												
440		Ov	Bs pbls mix 4.40m-600m weathered												
600		granule Cgl	clita												
650		granule Cgl	clita												
850		Silt													
950		or-Sa													
10		Silt													
12		or-Sa													
20		Silt													
260		granule Cgl	clita												
1680		Bs	crs, dr-ry, vesicular 18.80m-21.70m cracks, clay mixed												
22															
			24.00m-25.00m cracks, clay mixed												
			cracks 70°												
30															
			33.40m-34.40m cracks												
			Pl-ry												
40															
			44.10m - 45.70m cracks												
			48.00m- 49.50m cracks												
50															
			54.50m- 59.50m banded 20°-30°												
			59.50m-67.00m comp, Pl-ry, pheno-p												
60															
			67.00m- cracks f, clay mix												
70															
			75.00m- cracks m												
80															
88.20		granule Cgl	grain 2-30mm												
89.40		Or	pinkish hard, calc, breccias (Explosion dep) Bics, Es, Or, pumice												
90															
97.80															
98			non-core												

MJM-1

100 m ~ 200 m

Profundidad (m)	Columna Geológica	Nombre de Roca	Descripción	Veta	Muestra	Resultado de Análisis													
						De (m)	A (m)	Ancho (m)	As	Ag	Cu	Pb	Zn						
									(g/t)	(g/t)	(%)	(%)	(%)						
5			non-core																
10																			
111.80 112.70		Ec	non-core																
120.20																			
124.70		Fg	sch-sily 50°-60° micro folding l																
129.20			non-core																
132.60		Fis	dike																
134.50		Fg	stosge blk-gr-gr																
141.90		Fg	non-core core 5cm																
144.70			non-core																
146.10		Fg	sch-sily 20°-50° micro folding l Qtz irreg xl, Py imp p																
60																			
61.20		Fis	dike																
62.10		Fg	sch-sily 10°-40°																
70																			
80																			
90																			
192.20		Em	sch-sily 10° 195.60m - 197.60m Py imp																

MJM-1

200 m ~ 300 m

PROFUNDIDAD [m]	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	YETA	ALTERACION SILICIF. BLANQUEO P. REJAZA	MUESTRA			RESULTADO DE ANALISIS					
						Da (m)	A (m)	Ancho (m)	Ar (%)	Ag (%)	Cu (%)	Pb (%)	Zn (%)	
														(g/l)
200.80		SM	ms, n, B-o, Y-o, banded mm-cm, 10° grading p.			1.200	60	20.65	1.25	5.7	581	0.33	3.69	19.55
201.85		Em	sch-st 20°, Py banded imp											
205.80		Emc	alteration, Py imp p											
206.80		Ec	part. Py imp f, banded str.											
230.00		Emc												
234.90		Em	sch-sily 10°											
235.80		SM	comp, ms, n, banded B-o a Y-o			2.235	80	237.10	1.30	3.7	297	0.87	0.12	16.38
237.70		Ec	micro folding f, part Qz											
239.25		Emq	sch-sily 20° Py bond, imp f 244.50m - 1.5cm sph VI			3.244	66	245.60	1.00	0.1	4	0.02	<0.01	0.06
246.70		SM	comp, ms, f, band 0°-10°			4.245	60	246.70	1.10	0.2	3	<0.01	0.01	0.09
248.00		Emq	248.30m - 13cm sch-sily 248.50m - 10cm sch-sily 248.70m - 10cm sch-sily			5.246	70	248.00	1.30	3.3	369	0.80	2.59	13.77
250.40		SM	comp, ms, n, Y-o part ss Qz-Py-Sph bond 1cm-40cm 254.25m - 25.66m Sph bond 1cm - 40cm			6.248	00	248.30	0.30	0.6	1	0.04	0.09	0.09
254.75		Emq	sch-sily 20° povl Qz V 10cm			7.248	30	248.43	0.13	2.0	136	0.04	0.60	2.30
258.75		Emq	sch-sily 50° povl Qz V 10cm			8.248	43	249.60	1.17	0.1	5	0.04	<0.01	0.03
262.65		Qz V	262.10m - 10cm crs Py 262.50m - 5cm crs Qz Py Cp 262.55m 10cm comp Py			9.249	60	249.70	0.10	4.4	424	0.07	1.60	4.70
267.00		Em	sch-sily 50°, part Py imp			10.249	70	250.40	0.30	0.5	21	0.08	0.05	0.06
271.00		Qz V	266.30m - 20cm Qz V with edge by, Cp imp			11.250	00	250.20	0.20	5.1	231	0.03	1.20	7.30
274.00		Ec	sch-sily 30° part Qz V, Py imp			12.250	40	251.40	1.00	4.4	276	0.45	0.48	7.07
281.00		Em	266.80m - 10cm Qz V 267.70m - 20cm Qz V 270.80m - 15cm Qz V 275.90m - 10cm Qz V 280.70m - 15cm Qz V			13.251	40	252.40	1.00	3.5	411	0.37	0.50	6.07
284.30		Emq	sch-sily 0°-20°			14.252	40	253.40	1.00	4.6	395	0.31	1.20	5.30
287.00		Emq	sch-sily 50° povl Qz V 10cm			15.253	40	254.40	1.00	3.3	276	0.60	0.40	7.68
291.00		Emq	sch-sily 50° povl Qz V 10cm			16.254	40	255.40	1.00	1.4	0.26	0.88	9.81	
294.30		Emq	sch-sily 50° povl Qz V 10cm			17.255	40	256.40	1.00	1.5	264	0.37	3.60	12.71
297.00		Emq	sch-sily 50° povl Qz V 10cm			18.256	40	257.40	1.00	2.6	349	1.90	4.02	14.35
301.00		Emq	sch-sily 50° povl Qz V 10cm			19.257	40	258.40	1.00	2.7	275	0.50	1.91	15.89
304.30		Emq	sch-sily 50° povl Qz V 10cm			20.258	40	259.40	0.40	2.4	223	0.65	2.07	9.31
307.00		Emq	sch-sily 50° povl Qz V 10cm			21.259	40	259.80	1.00	0.1	2	<0.01	<0.01	0.02
310.00		Emq	sch-sily 50° povl Qz V 10cm			22.260	40	260.00	1.00	0.1	2	0.02	<0.01	0.01
313.00		Emq	sch-sily 50° povl Qz V 10cm			23.260	40	262.15	1.35	0.1	2	<0.01	<0.01	0.01
316.00		Emq	sch-sily 50° povl Qz V 10cm			24.262	40	263.30	1.15	0.6	28	0.94	0.04	0.16
319.00		Emq	sch-sily 50° povl Qz V 10cm			25.263	40	264.30	1.00	<0.1	1	0.02	<0.01	0.01
322.00		Emq	sch-sily 50° povl Qz V 10cm			26.264	40	265.30	1.00	<0.1	1	<0.01	<0.01	<0.01
325.00		Emq	sch-sily 50° povl Qz V 10cm			27.265	40	266.30	1.00	0.1	5	0.13	<0.01	0.02
328.00		Emq	sch-sily 50° povl Qz V 10cm			28.266	40	267.30	1.00	0.2	8	0.29	<0.01	0.02
331.00		Emq	sch-sily 50° povl Qz V 10cm			29.267	40	268.30	1.00	0.1	1	0.02	<0.01	0.02
334.00		Emq	sch-sily 50° povl Qz V 10cm			30.268	40	269.80	1.50	<0.1	3	0.01	<0.01	0.02

Columnas Geológicas de Perforación MJM-2, Area Tizapa

MJM-2

0 m ~ 100 m

Profundidad [m]	Columna Geológica	Nombre de Roca	Descripción	Veta	ALTERACION SILICIF. BLANQUEO P. TIZAPA	MUESTRA			RESULTADO DE ANALISIS									
						De (m)	A (m)	Ancho (m)	As	Ag	Cu	Pb	Zn					
									(g/t)	(g/t)	(%)	(%)	(%)					
0		Ov																
320		Br	cracked, clay f															
1100			crs, vesicular pl-py															
20			24.40m - 25.20m cracked 26.60m - 26.70m cracked															
30			35.60m - 36.80m cracked															
40			40.30m - 41.80m cracked															
45			45.30m - 45.50m cracked															
48			48.00m - 49.00m cracked															
50			56.50m - 63.90m bonded - O ²															
60			65.80m - no cracked															
60.30		Ss	crs pbl, 3mm mlt (act. punice)															
70		Brc	expl brt, 15cm mlt; matrix wk															
71.90		Cgl	act. basaltic rock, brcc, punice															
72.90		Ss	crs rounded Cgt 2-80mm															
73.00		Brc	expl brt 73.90m-74.10m															
74.70		Cgl	5-50mm clast															
75.30		Brc																
76.00		E	weathered															
79.20		E gossan	gossan layered 10" graphic															
81.20		Et	clay f, sch-sily 10"															
9330		SM	clay f, Py imp m com, Py, mar, Py, Sph p-bonded															
9410									1	94.10	95.30	120	1.6	141	0.11	1.57	0.69	
9550									2	95.50	96.50	120	2.1	155	0.14	0.52	14.70	
99		E	clay f, wk, sch-sily 30"-60" partly Py imp															

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICIFI- CACIONAL BLANQUEO PYRITA	MUESTRA			RESULTADO DE ANALISIS				
						De (m)	A (m)	Ancho (m)	Al (%)	Ag (%)	Cu (%)	Pb (%)	Zn (%)
						(m)	(m)	(m)	(%)	(%)	(%)	(%)	(%)
100.00		E	wh clay f, sch-sily 30°-60° port Py imp			3 100.40	101.50	1.00	0.1	4	0.01	0.02	0.13
						4 101.40	102.40	1.00	0.1	4	0.03	0.03	0.17
						5 120.40	103.30	0.95	0.2	8	0.12	0.02	0.50
		SM	mainly Py, Cp p			6 103.30	104.40	1.10	2.4	104	1.62	0.39	4.42
105.50		E	wh clay f, sch-sily 60°, Py imp banded			7 104.40	105.50	1.10	1.4	14.8	1.86	0.30	4.07
106.30						8 105.50	106.30	0.80	0.4	4	0.03	0.02	0.28
		SM	comp. by max Py			9 106.30	107.30	1.00	1.5	63	0.69	0.11	1.00
						10 107.30	108.30	1.00	2.0	90	0.86	0.19	0.87
						11 108.30	109.30	1.00	1.3	60	0.50	0.13	0.70
						12 109.30	110.30	1.00	1.6	63	0.96	0.10	0.50
						13 110.30	111.30	1.00	1.8	48	0.97	0.08	0.59
						14 111.30	112.30	1.00	1.1	60	0.84	0.12	0.65
						15 112.30	113.30	1.00	1.2	40	0.54	0.06	0.39
						16 113.30	114.30	1.00	1.4	49	0.47	0.05	0.33
						17 114.30	115.30	1.00	1.6	70	1.14	0.08	0.36
						18 115.30	116.30	1.00	1.3	55	0.84	0.07	0.22
						19 116.30	117.30	1.00	1.5	37	0.52	0.06	0.85
						20 117.30	118.30	1.00	2.2	68	0.62	0.10	0.80
						21 118.30	119.30	1.00	2.4	218	0.66	0.15	1.08
						22 119.30	120.30	1.00	2.4	58	0.41	0.19	2.23
						23 120.30	121.30	1.00	1.3	49	0.28	0.12	4.58
						24 121.30	122.30	1.00	2.1	86	0.37	0.10	8.27
123.10		Ecm	123.10m - 123.25m crs Sph a Py, banded			25 122.30	123.25	0.95	3.9	2.41	0.14	2.30	14.26
123.25													
		Ecm	sch-sily 20°										
30			132.10m - 70m Py imp f			26 132.10	132.80	0.70	<0.1	16	0.74	0.14	0.41
135.00													
			sch-sily 40° - 60° port Qz										
40													
50		Ee	149.50m - 150.40m Qz Py imp										
60													
70			164.00m - sch-sily 20°										
80													
			181.40m - 182.50m Py imp f			27 181.40	182.50	1.10	0.2	4	<0.01	0.01	0.07
			183.00m - 183.90m Py imp f			28 183.00	183.90	0.90	0.2	2	<0.01	0.08	0.07
			186.90m - 188.00m Py imp f			29 186.90	188.00	1.10	0.1	3	0.07	<0.01	0.07
90			sch-sily 20°										
30			195.40m - 196.00m Py imp f			30 195.40	196.00	0.60	0.1	22	1.05	0.03	0.12

MJM-2

200 m ~ 300 m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICIFI BLANQUEA PIRITAZA	MUESTRA			RESULTADO DE ANALISIS										
						De (m)	A (m)	Ancho (m)	Au	Ag	Cu	Pb	Zn						
									(g/t)	(g/t)	(%)	(%)	(%)						
5		E1																	
10																			
20																			
30																			
32				sch-sily. 10*															
33				gradual change															
35			E2c	part Qz															
38				sch-sily. 10* - 10*															
40																			
50																			
55																			
60																			
70																			
80																			
90																			
100																			

Columnas Geológicas de Perforación MJM-3, Area Tizapa

MJM-3 0m ~ 100m

PROFUNDIDAD S (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICIF. BLANQUEZ FRETILAZA	MUESTRA			RESULTADO DE ANALISIS									
						Di (m)	A (m)	Ancho (m)	Au (%)	Ag (%)	Cu (%)	Pb (%)	Zn (%)					
430		Q ₄																
10		B ₄	vesicular, banded O ⁺															
20																		
30			25.00m-26.30m cracked 27.00m- comp 29.80-30.20 cracked 30.70m-31.50m cracked 32.70m-33.10 cracked 35.00m-31.80m cracked															
40																		
50																		
51.80		Cgl	pbles: B ₄ 5m; O ₂ 2-15m, subangular-angular															
53.30		Ss Sill																
55.80			non-coal															
60																		
62.20		Ss Sill																
63.70		pbles	various pbles															
64.50		Por	igneous dyke															
65.30		Bre	pupl, hard, acid, volcanic															
66.50		Pbr																
67.80		pbles	65.70m-10m Bre															
68.30			68.20m-30cm various pbles															
69.30		Cgl	round basement rocks 2-40mm															
70.50		Brc	sch-sily O ⁺ -20°															
71.30		SM	50° 71.30m-10cm Py as grain egg															
73.30		Por	comp, mix, Py, banded 73.30m-10m dry acidic dyke															
75.80		Clay	Y-O															
76.50		SM	76.50m-10cm clay f, 7700m - 7730m B-OY-O banded															
77.40		Emq	90° 77.30m-10cm Py, fibridal str															
78.70		Emq	Py imp f, banded 20°															
80.30		Emq	79.50m-10cm mix Py															
81.20		Qz & Clay	80.30m-13cm Sph Py imp f 80.80m-10cm clay															
		Es	sch-sily 30°-30°, part Oz Py banded imp															
			87.20m-87.70m Py imp ff															
			90.30-91.00 Py Op imp p															

MJM-3

100 m - 200 m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICIF. BLANQUEO PIRITAZA	MUESTRA			RESULTADO DE ANALISIS												
						De (m)	A (m)	Ancho (m)	Au	Ag	Cu	Pb	Zn								
									(g/t)	(g/t)	(%)	(%)	(%)								
		Ec																			
10			10800m-11050m Py Cp imp			16 10800	10840	0.40	<0.1	7	0.13	0.05	0.08								
						17 10940	10950	0.50	0.1	20	1.12	0.01	0.09								
						18 10990	11050	0.60	<0.1	19	1.37	0.01	0.06								
30			sch-sily 10°-60°																		
35			13130m-50cm Oz																		
35			13500m-13540 Py imp II			19 13240	13500	2.60	<0.1	1	0.01	<0.01	0.02								
40						20 13520	13540	0.40	<0.1	4	0.04	<0.01	0.03								
						21 13540	13550	0.50	0.1	4	0.07	<0.01	0.04								
						22 13590	13760	1.70	<0.1	2	0.03	<0.01	0.03								
50			150.00m - sch-sily 0°																		
60																					
65			16300m - sch-sily 0°																		
70																					
80			176.70m -15cm Oz																		
90																					
95																					
95			19500m - sch-sily 20°																		
100																					

MJM-3

200 m ~ 300 m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICIF. BLANQUEO PIRITAZA	MUESTRA			RESULTADO DE ANALISIS												
						De (m)	A (m)	Ancho (m)	Au	Ag	Cu	Pb	Zn								
									(g/t)	(g/t)	(%)	(%)	(%)								
0	[Hatched pattern]	Ec	sch-aly 10°-30°																		
10			20.10m-30cm. thort																		
30			230.90m-231.40m 4: 1																		
40																					
50																					
50-60																					
60																					
70																					
80																					
90																					
100																					

Columnas Geológicas de Perforación MJM-4, Area Tizapa

MJM-4 0 m~100m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICIFI.	BLANQUEO	PIRITAZA	MUESTRA			RESULTADO DE ANALISIS						
								De (m)	A (m)	Ancho (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)		
0	AAA	Bs															
10	AAA		7.70m-990m Sheared, crack filled by clay bonded 30-60°														
20	AAA																
30	AAA																
40	AAA		39.70m vesicular														
4500	Clay		incl. Bs ables														
55.10	AAA	Bs	cracks filled by clay														
60	AAA																
6540	Ss, pebbly Cgl																
6820	Brc		expl. brc.														
6930	Cgl + Ss																
7050	Fis		dyke														
7200	Cgl Ss		various pbbles														
7350	Brc.		expl. brc.														
7530	Ss																
7750	Brc																
80	Por		dyke														
8530	Fg		sludge														
9020	Fg		port Qz														
9570	Fis		dyke														
9760	Fg																

MJM-4

100 m ~ 200 m

PROFUNDIDAD m	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICEA	SILICEA	SULFURACION	MUESTRA			RESULTADO DE ANALISIS					
								De (m)	A (m)	Ancho (m)	Al	Ag	Cu	Pb	Zn	
											(g/t)	(g/t)	(%)	(%)	(%)	
100.70		Fg	sludge													
103.70		Fg + Oz	sludge													
106.70		Fg	sch - sily O*													
110			part Oz													
114.40		SM	mat, comp, mainly Py, banded Sph					1. 114.10	114.90	0.80	4.4	10.98	0.36	3.05	10.72	
114.90		Fg														
116.00		SM						2. 116.00	116.20	0.20	2.6	10.8	0.10	0.98	6.20	
120																
123.20		Fg	sludge													
124.70																
126.50		Fg	sludge													
127.00																
128.20		Fg	sludge													
131.70																
133.50		Fg	sludge													
137.80																
140																
145.40		Fis	dyke													
150																
153.80		SM	mat, comp, mainly Py, banded Sph					3. 153.80	154.60	1.60	1.1	11.6	3.20*	0.33	2.38	
154.00		Sill	Sill rock, Py imp f-f, part Cp banded					4. 154.80	155.60	1.00	0.9	3.5	1.72*	0.08	0.25	
155.50		SM	mat, comp, mainly Py					5. 155.60	156.60	1.00	0.4	5.2	1.50*	0.32	0.21	
156.80		Sill	Sill rock, Py imp f, banded					6. 156.60	157.60	1.00	0.1	4	0.02	0.02	0.08	
157.00		Emc	Py imp p-m, banded					7. 157.60	158.20	0.60	0.1	4	0.09	0.04	0.05	
158.20																
159.00																
60																
10																
171.20			171.30m - 173.50m Py imp p-f					8. 171.30	172.30	1.00	0.2	21	0.61	0.04	0.29	
173.30								9. 172.30	173.30	1.00	0.1	6	0.22	0.01	0.25	
177.00			177.00m - 30cm Oz V													
80																
187.00																
30		Em	sch - sily O* - 10*, part Py imp													
195.00																
197.00		Emc	sch - sily O* - 10*, part Py imp													
60		Em	sch - sily O* - 10*, part Py imp													

MJM-4

200 m ~ 250m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICIF. BLANQUEO PITILLAZA	MUESTRA			RESULTADO DE ANALISIS										
						De	A	Ancho	As	Ag	Cu	Pb	Zn						
						(m)	(m)	(m)	(%)	(%)	(%)	(%)	(%)						
20460		Em	sch-sily 20 ^o porl Oz																
21060		Ee																	
21660		Egb	sch-sily 20 ^o Chl p, brn																
21700		Emcb																	
21990		Embc	sch-sily 20 ^o																
22140		Ewrs	sch-sily 20 ^o																
23060		Enc	sch-sily 0 ^o - 20 ^o																
23670		Ec																	
24320		Ebm																	
24570		Em	sch-sily 0 ^o																
25050																			
60																			
70																			
80																			
90																			

Columnas Geológicas de Perforación MJM-5, Area Tizapa

MJM-5 0 m~100m

PROFUNDIDAD (m)	COLUMNA GEOLÓGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION	SILICIO	SULFURO	PARTICULAR	MUESTRA			RESULTADO DE ANALISIS						
									De (m)	A (m)	Ancho (m)	Au	Ag	Cu	Pb	Zn		
												(%)	(%)	(%)	(%)	(%)		
0-10	AAA	Bs	vestibular band 60°															
10-18	AAA		12.00m-30°															
18-20	AAA		18.00m-0°															
20-28	AAA		20.00m-comp, pt-ble															
28-30	AAA		28.20m - 30.50m redish brn, weathred part clay															
30-32	AAA	Bs, Clay	30.50m-clay f, pt-gry, part Bs chips remain															
32-34	AAA	Clay Silt																
34-35	AAA	Bs																
35-38	AAA		partly, subangular, occi pble. Bs, Qtz, sch															
38-42	AAA	Silt	part cas Sa															
42-50	AAA	Cgl	part Bs boulders, 10-25cm subangular															
50-52	AAA	Silt																
52-55	AAA	Cgl	pebbly															
55-58	AAA		sludge															
58-61	AAA	Cgl	pebbly part Sch boulder 8cm															
61-65	AAA		sand, dyke pbles sand, various pbles expi hce															
65-66	AAA	Brc																
66-67	AAA	Fs	dyke															
67-70	AAA	Fg	sludge part Fg chips mix															
70-92	AAA																	
92-94	AAA	Fg	sludge															
94-98	AAA	Fg																
98-100	AAA	Fg	sch-sdy 40°															

MJM-5

100m~200m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION	SILICIF.	BLANQUEO	PIRITIZAZ.	MUESTRA			RESULTADO DE ANALISIS							
									Da (m)	A (m)	Ancho (m)	Au	Ag	Cu	Pb	Zn			
												(g/t)	(g/t)	(%)	(%)	(%)			
			sludge																
107.70		Fg	sch-sily 20°																
111.90																			
112.70		Fg	sludge sch-sily 60°																
114.50																			
118.10		Fg	sludge																
121.20																			
121.20		Fg	sch sily 20°-30°, part Py imp																
123.20			sludge																
124.30		Em	comp, mst, Py						1	124.20	124.30	0.10	3	7	0.07	0.98	4.94		
124.30									2	124.30	124.30	1.00	0.3	9	0.02	0.02	0.07		
124.30									3	124.30	124.30	1.00	< 0.1	1	0.04	< 0.01	0.04		
124.30									4	126.30	127.30	1.00	< 0.1	3	0.07	< 0.01	0.05		
124.30									5	127.30	128.50	1.20	0.1	2	0.01	< 0.01	0.03		
128.50		Em	slite f, part Or, Py imp																
128.50			127.00m-127.50m Qz crushed																
130.30		Or	60°																
130.30		Em																	
132.50		Eq	irreg micro folding 20°																
132.50		Emc	sch-sily 30°-60°																
138.90																			
147.50		Em	Chl pp, micro folding																
149.70		Emq	dk-gry, sch-sily 30°																
151.70		Em																	
157.00		Emb	Bl decrease																
157.00			157.00m-157.80m Qz																
165.40		Em	Mk Py, aggregate, layers, det																
170.00		Eb	sch-sily 10°-23° part Qz VI																

MJM-5

200 m ~ 300 m

S. PROFUNDIDAD m	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICEA	BLANQUEO PIRITIZA.	MUESTRA			RESULTADO DE ANALISIS									
							De (m)	A (m)	Ancho (m)	Au	Ag	Cu	Pb	Zn					
										(g/t)	(g/t)	(%)	(%)	(%)					
0	[Hatched pattern]	Eb																	
10																			
20																			
22.00		Ee	sch-sily 10*																
22.50		Ecb	sch-sily 10*																
24.00	Ee	micro foldings f																	
24.00	Em	sch-sily 10*																	
25.00																			
30																			
40																			
50																			
60																			
70																			
80																			
90																			
100																			

Columnas Geológicas de Perforación MJM-6, Area Tizapa

MJM-6 0 m ~ 100 m

PROFUNDIDAD (m)	COLUMNA GEOLÓGICA	NOMBRE DE ROCA	DESCRIPCIÓN	VETA	ALTERACIONES SILICIFICACION BLANQUEO PIRITAZA	MUESTRA			RESULTADO DE ANALISIS									
						De (m)	A (m)	Ancho (m)	As	Ag	Cu	Pb	Zn					
									(g/t)	(g/t)	(%)	(%)	(%)					
0-670m	8s		cracked															
			vesicular															
1700m			band 50°															
2200m			band 25°															
27.10m			andesite, comp, spl band 20°															
3000m			basaltic, dr-color, comp band 15°															
5300m			cracked, part clay															
5400m		Ss Silt	crs, part silt															
6400m		QP	dyla															
6600m		Cqf	boulder; expl brc, QP															
7290m		Emq	weathered sch - silt 10°															
7650m		Fq																
7820m		Ffs	dyla															
8270m			non-core															
8870m		Fg	sch - silt 0° - 10°															
9190m - 9300m		Fg Qz	Fg fragments															
9500m		Qz	chips mixed															
9530m		Fq	95.30m - 98.80m Qz f															
9880m			sch - silt 25°															

MJM-6

100 m--200m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION SILICIF. BLANQUEO P. RITZLA	MUESTRA			RESULTADO DE ANALISIS									
						De (m)	A (m)	Ancho (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)					
0		Fg																
10																		
15.70			sludge															
20																		
24.70		Fg	micro folding 50° part Qz layers															
30																		
40																		
50																		
60			sch - sily 40° - 60°															
70																		
77.20	L.L.	Fis	dyke															
79.50	L.L.	Fg	sch - sily 10°															
186.30		SM	Sph thin band, low order			1 186.35	186.80	0.45	2.2	158	290	1.03	8.58					
		SIII	part Cp f, banded 20°			2 186.60	187.80	1.00	0.9	65	198	0.25	0.33					
		Py imp	ars grain Py imp fl			3 187.80	188.80	1.00	0.6	19	052	0.04	0.08					
						4 188.60	189.80	1.00	0.7	35	162	0.02	0.06					
						5 189.80	190.80	1.00	0.5	35	064	0.02	0.06					
						6 190.60	191.60	1.00	0.2	5	008	0.02	0.05					
						7 191.80	192.80	1.00	0.1	3	005	0.02	0.03					
						8 192.80	193.80	1.00	<0.1	3	0.01	<0.01	0.04					
						9 193.80	194.80	1.00	0.4	21	0.70	0.02	0.18					
						10 194.80	195.50	0.70	0.4	103	334	0.11	0.34					
		SM	195.50 - 195.90 near massive			11 195.50	196.30	0.60	2.1	388	187	0.86	15.37					
		SIII, Py imp	ars grain Py banded 40° - 50°			12 196.30	197.70	1.40	2.4	19.8	164	0.12	0.26					
		Eq	66.50m-100m Cp f															
		Qz	66.50m-100m Cp f															

MJM-6

200m~300m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTORELLA	SILICIO	PARTICULA	MUESTRA			RESULTADO DE ANALISIS							
								De (m)	A (m)	Ancho (m)	As	Ab	Cu	Pb	Zn			
											(g/l)	(g/l)	(%)	(%)	(%)			
202.00			non-cbre															
10		Ec	sch-sily 30° 209 30m-30cm Py Imp m, Cp P					13 209 20	209 90	0.70	0.2	30	0.67	0.04	0.85			
217.75		Fls	dyke															
218.00		Ec																
25		Emc																
30																		
233.90		Ec	sch-sily 0°-20°															
236.90		Uz	Cp Imp															
237.40		Ec	sch-sily 20°															
238.00		Fls	dyke															
25		Ec	sch-sily 0°-20° post Py Imp															
248.00		Em	Py Imp															
250.00																		
50																		
10																		
60																		
30																		
20																		

Columnas Geológicas de Perforación MJM-7, Area Tizapa

MJM-7 0 m ~ 100 m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALZAR ARQUILLA SILICIF.	BLANQUEA PIRITAZA	MUESTRA			RESULTADO DE ANALISIS							
							Dg (m)	A (m)	Ancho (m)	Au	Ag	Cu	Pb	Zn			
										(g/t)	(g/t)	(%)	(%)	(%)			
0		Or															
600		Bs	900m-2000m brewh, weathered band 50"														
20			2000m-2710m vesicular, irreg. band 60"														
38.00m			erected, clay f														
53.00		Cpl	bouldar; expl bre														
55.40		Cpl St Sib	pebbly 55.40m-60.30m gradng one unit														
60.30		Cpl	bouldar; expl bre														
64.00		Fls	dyke														
67.00		Fmg	brn, weathered														
70		Fg															
75.40		Oz pbls															
78.20			non-core														
79.20		Oz pbls															
82.70		Fg															
84.30		Fg	shdgs + chips														
90			90.20m-93.20m brn, weathered														
93																	
99																	
100																	

MJM-7

100 m ~ 200 m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTERACION	MUESTRA			RESULTADO DE ANALISIS								
						Ds (m)	A (m)	Archo (m)	Al	Ag	Cu	Pb	Zn				
									(g/t)	(g/t)	(%)	(%)	(%)				
108.00		Fg	sludge + chips														
114.80		Fg	sch-sily 0°														
116.10		SM	comp. fragmentary Py, Sph. bond, upper part brecciated sch-sily 20° Py imp bonded I			1 114.80	116.10	1.50	3.5	549	0.18	2.45	0.55				
118.60		Eqm	sch-sily 30° 119.30m-20cm Qz			2 116.30	117.10	1.00	0.2	48	0.11	0.05	0.18				
120.70		Eqm	sch-sily 30°			3 117.10	118.10	1.00	<0.1		<0.01	0.01	0.05				
131.60		Eqm	sch-sily 40°			4 118.10	119.20	1.10	<0.1		0.02	<0.01	0.02				
161.20		Ec	sch-sily 20° part Qz, Em intercalate														
162.00		Em	sch-sily 20° sch-sily 20°														
176.20		Em(c)	sch-sily 30° part Py imp, Cp pp														
188.50		Em															
189.40		Eqm	189.50m-199.40m Py imp f														
190.00		Ebm	sch-sily 20°														

MJM-7

200 m ~ 300 m

PROFUNDIDAD (m)	COLUMNA GEOLOGICA	NOMBRE DE ROCA	DESCRIPCION	VETA	ALTOS ARBOLIA SILICIFERA	BLANQUEA	PIRITAZA	MUESTRA			RESULTADO DE ANALISIS								
								Da (m)	A (m)	Ancho (m)	Au	Ag	Cu	Pb	Zn				
											(g/t)	(g/t)	(%)	(%)	(%)				
0	[Hatched pattern]	Ebn	sch-sily 20°																
10																			
21700																			
20		Emb	Py imp-lens																
22970																			
23260		Emb																	
40																			
50		Eb	sch-sily 10°																
60																			
70																			
80																			
90																			
100																			

