5-4-3 Mineralization and Alteration

(1) MJM-6

As the main mineralization of this hole, disseminated fine pyrite is produced in fine tuff and pumice tuff within the depth between 107.30 m and 283.20 m. Some of what is seemed to be dissemination is found to be veinlet by microscopic observation. The constituent sulfide minerals are pyrite and sphalerite. Both minerals are produced generally but are small in quantity microscopically. However, sphalerite is too fine to identify macroscopically. Most pyrite produced in this hole is enhedral, while sphalerite is anhedral.

Donth(=)		Analytica	1 Result	s		Remarks
Depth(m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Nellat no
106.60-107.60	0.20	0.70	0.01	0.01	0.01	Py imp in do & p.t.
-108.60	Tr	0.60	0.01	0.00	0.01	Py imp in p.t.
-109.60	0.10	0.40	0.01	0.00	0.02	Py imp in p.t.& f.t.
-110.60	0.20	2.10	0.01	0.00	0.01	Py imp in f.t.
-117.60	Τr	0.60	0.01	0.00	0.01	"
-112.60	Tr	0.50	0.01	0.00	0.02	"
-113.60	0.0	Ίr	0.00	0.00	0.01	"
-114.60	0.0	Tr	0.00	0.00	0.01	"
-115.60	0.0	Тг	0.00	0.00	0.02	"
-116.60	Τr	0.80	0.01	0.00	0.01	"
-117.60	Tr	0.40	0.00	0.00	0.01	"
-118.60	0.0	Tr	0.00	0.00	0.01	"
-119.60	0.0	Tr	0.00	0.00	0.01	"
-120.60	Τr	0.70	0.00	0.00	0.01	"//
-121.60	Tr	1.10	0.00	0.00	0.01	"
-122.60	Tr	0.80	0.00	0.00	0.01	"
-123.60	Tr	0.50	0.00	0.00	0.01	"
-124.60	0.0	Tr	0.00	0.00	0.01	"
-125.60	0.0	Tr	0.00	0.01	0.01	"
-126.60	Tr	0.80	0.01	0.01	0.01	"
-127.60	Tr	0.60	0.00	0.01	0.01	"
-128.60	0.0	Tr	0.00	0.00	0.01	"
-129.60	0.0	Tr	0.00	0.00	0.01	"
-130.60	Tr	0.40	0.00	0.00	0.01	"
-131.60	0.0	Тr	0.00	0.00	0.01	Py imp in p.t.

					-				
	T								
	Depth(m)		Analytica		1	r	Remarks		
		Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	S. Im In n t		
	131.60 -132.60	0.0	Tr	0.00	0.00	0.02	Py imp in p.t.		
	-133.60	0.0	Tr	0.00	0.00	0.26	//		•
	-134.60	0.10	38.00	0.12	0.10	0.26	<i>II</i>		
	-135.60	Tr	46.80	0.27	0.03	0.36	//		
·	-136.60	0.20	75.00	0.26	0.20	0.35	//		
	-137.60	Tr	8.60	0.02	0.02	0.09			
	-138.60	1.60	367.40	0.69	0.35	0.38	. "		
	-139.60	0.10	71.30	0.23	0.20	0.39	"	•	
	-140.60	0.20	107.60	0.37	0.38	0.39	"		
	-141.60	0.10	162.50	0.65	0.34	0.38	"	·	
	-142.60	Tr	150.80	0.56	0.57	0.35			
	-143.60	Τr	33.60	0.10	0.17	0.39	"		
	-144.60	Tr	46.80	0.20	0.35	0.26	11		
	-145.60	Tr	221.80	0.69	0.37	0.10	//		
	-146.60	Tr	36.50	0.11	0.19	0.38	"		
	-147.60	Тг	10.00	0.02	0.05	0.39	"		
	-148.60	0.10	93.30	0.25	0.38	0.37	"		
	-149.60	Tr	43.90	0.17	0.15	0.38	"		
	-150.60	0.10	100.20	0.34	0.05	0.12	"		
	-151.60	Тr	8.70	0.02	0.06	0.32	"		
	-152.60	Ťг	0.80	0.01	0.01	0.01	"		
	-153.60	0.20	1.30	0.01	0.01	0.01	"		
	-154.00	Tr	1.20	0.00	0.01	0.01	<i>"</i>	•	
	-155.00	Tr	1.60	0.05	0.01	0.01	"		
	-156.00	0.10	0.70	0.01	0.01	0.01	"		
	-157.00	0.60	0.70	0.01	0.02	0.01	"		
	-158.00	Tr	0.60	0.01	0.02	0.01	//		
	-159.00	0.20	5.30	0.01	0.02	0.01	"		
	-160.00	Тr	0.90	0.01	0.02	0.01	"		
	-161.00	Tr	0.80	0.01	0.01	0.01	"		
	-162.00	0.10	1.00	0.01	0.01	0.01	"		
	-163.00	Tr	0.70	0.01	0.01	0.01	"		
	k		'			•		•	

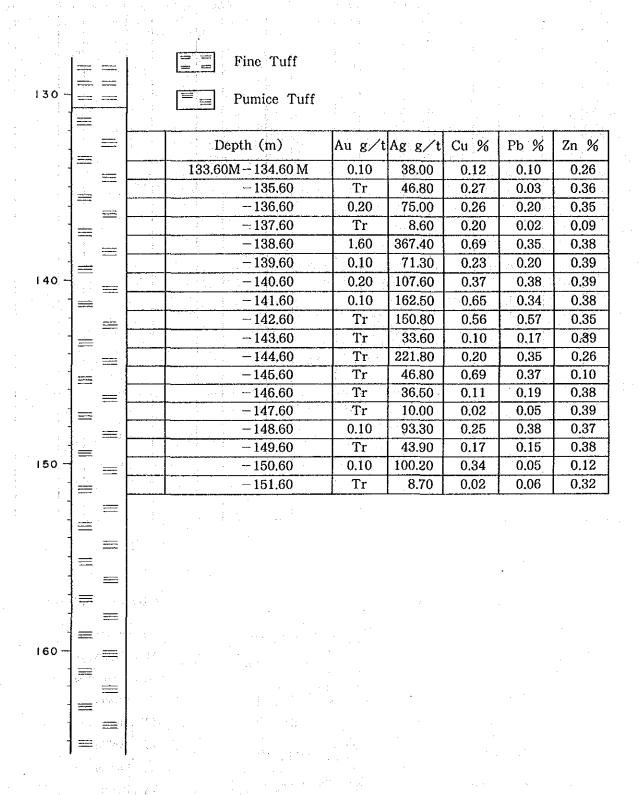
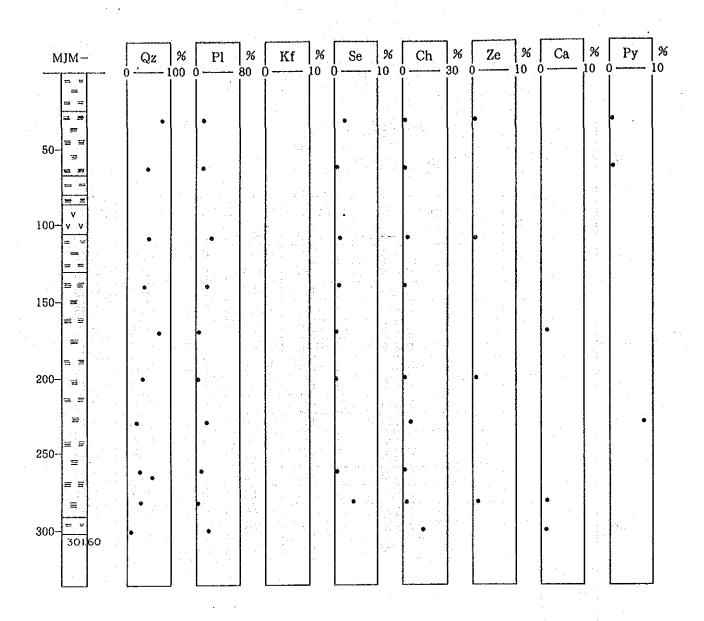


Fig. 5-20 Geology and Assay Results of MJM-6



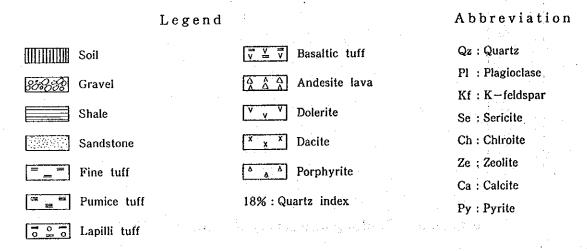


Fig. 5-21 Alteration of Drilling Core (MJM-6).

The mineralization of this hole is particularly dominant in the depth between 133.60 m and 150.60 m, below which less mineralization occurs. In particular, a silver concentrated zone is found in the depth between 137.60 m and 145.60 m (8 m thick), and the average silver grade is as high as 145 g/t with a maximum of 367.40 g/6 (Fig. 5-20). In microscopic observation, however, since nothing was found which can be identified as silver minerals, most silver contained is seemed to be the solid solution in pyrite or sphalerite.

This hole has been subjected to hydrothermal alteration throughout the hole even slightly (Fig. 5-21). Especially, sericite and chlorite are found from upper to lower portions. However, the production of the clay minerals is small and the relative ratio using the quartz index is 10% or below. Although this hole has been subjected to Kuroko type mineralization, zeolite remains partially indicating heterogeneous alteration. Microscopic observation shows that plagioclase remains although it is being replaced by sericite indicating that hydrothermal alteration was not so strong.

(2) MJM-7

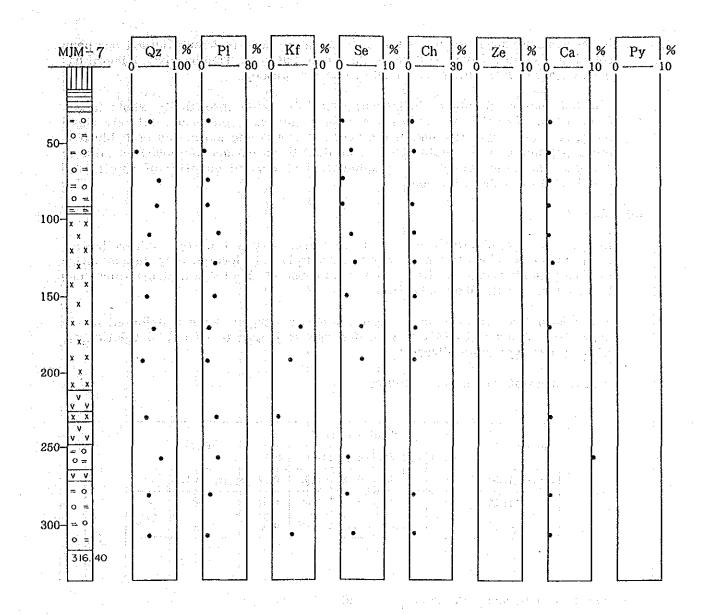
Mineralization found in this hole is characterized by the dissemination and veinlet in fine pyrite in lapilli tuff in the ore horizon (depth: 236.50 m ~ 316.40 m). Mineralization is visually found by the concentration of fine pyrite along the boundary of pumice filled or stretched between lapilli in pyroclastics. Euhedral pyrite and anhedral sphalerite were microscopically observed. Although some pyrite has grown to 0.1 mm in diameter, most pyrite is as fine as 0.01 mm or below and disseminated like dust in pyroclastics.

Constituent sulphide minerals found in this hole are only pyrite and sphalerite, and main gangue minerals are quartz and calcite.

Depth(m)	1 1 1 1 1 1	Analytica	l Result	s		Remarks
nehru(#)	Au (g/t)	Ag (g/t)	(%)	РЬ (%)	Zn (%)	пешагло
247.00-248.00	0.10	31.50	0.14	0.19	0.36	Py imp in 1.t.
-279.00	0.70	46.60	0.20	0.32	0.24	"
-250.00	0.10	52.50	0.18	0.28	0.36	"
-251.00	0.10	60.40	0.21	0.33	0.32	"
-252.00	Tr	50.70	0.19	0.31	0.37	"
-253.00	1.10	44.20	0.15	0.25	0.34	"
-254.00	0.10	63.70	0.28	0.38	0.08	"
-255.00	Τr	46.60	0.17	0.29	0.38	"
-256.00	Тг	7.10	0.01	0.06	0.37	"
-257.00	Tr	102.90	0.32	0.41	0.38	//
-258.00	ТГ	108.90	0.38	0.25	0.37	"
-259.00	Тг	83.90	0.30	0.39	0.37	"
-260.00	0.10	63.20	0.20	0.34	0.35	"
-261.00	0.10	143.70	0.62	0.39	0.39	"
-262.00	Tree	17.60	0.01	0.02	0.11	J. 14 (18)
-263.00	Tr	93.50	0.04	0.09	0.13	"
-264.00	Tr	6.40	0.32	0.23	0.37	"

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	1 + 1			Ayra da Ayran Adir	ita de proviento. Traba del cristado	The state of the		
	v v	=0	_ Lapilli Tuff					
	V		Diam (a)	Ja		(Ci. 0/	Pb %	Zn %
			Depth (m)	reconstruction of	Ag g/t		ELINER FLAG	
	===		247.00M-248.00 M	0.10	31,50	0.14	0.19	0.36
2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\circ = \circ$		-249.00	,0.70	46,60	0.20	0,32	0.24
250-	==0=		-250.00	0.10	52.50	0.18	0.28	0.36
-77	$\circ = \circ$		-251.00	0.10	60.40	0.21	0,33	0.32
	=0=		-252.00	Tr	50,70	0.19	0.31	0.37
:	$\circ = \circ$		-253.00	1.10	44.20	0.15	0.25	0.34
	=0=		-254.00	0.10	63.70	0.28	0.38	80.0
	0 == 0		- 255.00	Tr	46.60	0.17	0.29	0.38
· · · · · · -	=0=		-256.00	Tr	7.10	0.01	0.06	0.37
· ·	$\circ = \circ$	1	-257.00	Tr	102.90	0.32	0.41	0.38
Altrica	=0=		-258.00	Tr	108.90	0.38	0.25	0.37
4 4 A	$\circ = \circ$		-259,00	Tr	83.90	0.30	0.39	0.37
260 -	=0=	· · · · · · · · · · · · · · · · · · ·	-260.00	0.10	63,20	0.20	0.34	0.35
	0 = 0		-261.00	0.10	143,70	0.62	0.39	0.39
· _	=o=		-262.00	Tr	17.60	0.01	0.02	0.11
_	$\circ = \circ$		-263.00	Tr	93.50	0.04	0.09	0.13
_	=0=		-264.00	Tr	6.40	0.32	0.23	0.37
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Fig. 5-22 Geology and Assay Results of MJM-7



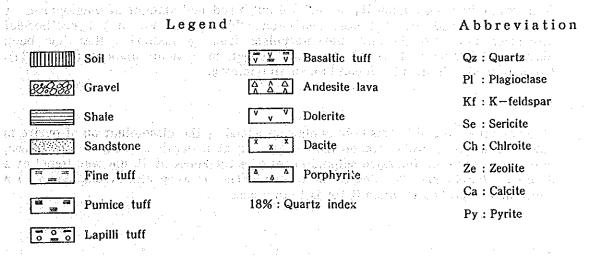


Fig. 5-23 Alteration of Drilling Core (MJM-7)

In the mineralization zone, a silver concentrated zone of about 100 g/t has been found in the depth from 256.00 m to 261.00 m, but no particular silver mineral has been observed with either the naked eye or a microscope.

The hole has been subject to hydrothermal alteration through its whole length (Fig. 5-21). Sericite and chlorite are generally observed in a relatively small quantity. K-feldspar is found in the depth of 170 m and more, and probably it is not a product of strong alteration, according to an estimation based on mineral paragenesis. Some quantity of plagioclase and a small quantity of calcite are distributed throughout the hole.

(3) MJM-8

In this hole, the mineralization presumably caused by Kuroko type mineralization found in the previous two holes has been sharply deteriorated only dissemination of a very small amount of fine pyrite is observed at about 240 m depth where can be assumed as a Kuroko ore horizon.

There is dissemination of pyrite and pyrrhotite lying in shale distributed in the depth from 31.50 m to 145.00 m, which can be judged to be out of relationship with Kuroko type mineralization.

Analyzed results are shown as follows:

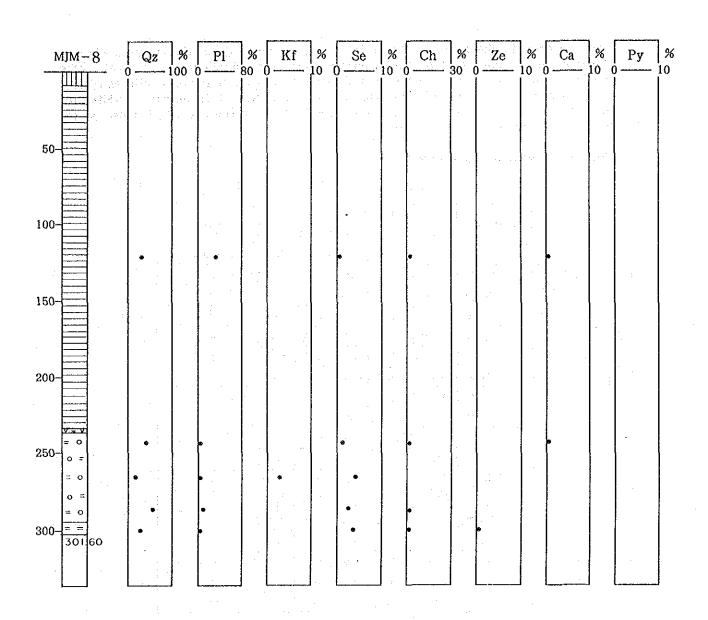
Depth(m)	}	Analytica	i Result	s		Remarks	
	Au (g/t)	Ag (g/t)	Ču (%)	Pb (%)	Zn (%)	Kemarks	
240.50-241.50	Тr	0.60	0.06	0.02	0.02	Py imp in 1.t.	
-242.50	Tr	0.40	0.03	0.02	0.02	"	
-243.50	Tr	0.40	0.03	0.02	0.03	"	

where no remarkable grade can be found.

The alteration of this hole, when compared with those of the previous two holes, features an increased quantity of sericite but a reduced amount of plagioclase. It can be estimated that the hole has been subjected to not only hydrothermal alteration but also thermal metamorphism from granodiorite that has been distributed in the vicinity of the hole, though in a small amount (Fig. 5-24). Chlorite is also frequently found in a small quantity.

(4) MJM-9

Mineralization found in this hole is characterized by the dissemination of pyrite in fine tuff in the Kuroko ore horizon beginning at a depth of 281.77 m. Dense, massive Kuroko ore (massive sulphide ore) of a thickness of 15 cm was found at a depth of 293.45 m. The degree of dissemination is even and strong down to a depth of 297 m, below which it tends to decrease.



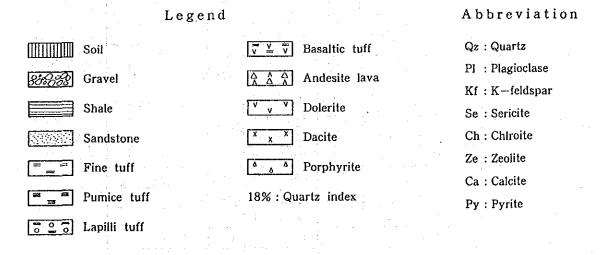


Fig. 5-24 Alteration of Drilling Core (MJM-8)

The microscopic observation of samples from a strongly disseminated zone showed the general presence of framboidal pyrite (diameter: 0.025 mm or below). Fine pyrite approx. 0.01 mm in diameter is distributed in gaps between particles of fine tuff. Kuroko ore is mainly constituted of sphalerite, tetrahedrite, pyrite and galena. Argentite and electrum were also found. A feature of this ore is the absence of chalcopyrite.

	Ţ; .	Analytica	i Result	s	··	
Depth(m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Remarks
274.70-275.70	Tr	1.90	0.02	0.04	0.35	Py imp in s.s.& sh.
-276.70	0.0	Tr	0.01	0.02	0.34	Py imp in sh.
-277.70	0.0	Τr	0.01	0.02	0.37	"
-278.70	Τr	0.90	0.01	0.02	0.38	"
-279.70	0.10	5.50	0.01	0.04	0.40	"
-280.70	0.20	20.20	0.02	0.06	0.40	"
-281.70	2.50	18.80	0.01	0.06	0.26	"
-282.70	14.30	44.90	0.02	0.72	0.40	Py imp in f.t.
-283.70	2.80	40.40	0.01	0.06	0.32	"
-284.70	5.60	244.70	0.02	0.17	0.38	"
-285.70	1.20	23.60	0.03	0.08	0.39	11
-286.70	2.80	23.10	0.00	0.05	0.19	"
-287.70	2.00	9.70	0.00	0.03	0.12	"
-288.70	2.10	10.80	0.01	0.02	0.09	"
-289.70	1.20	9.20	0.01	0.02	0.07	"
-290.70	1.40	10.20	10.0	0.02	0.08	"
-291.70	0.80	6.30	0.01	0.02	0.08	"
-292.70	0.90	16.10	0.01	0.02	0.11	"
-293.70	2.50	41.70	0.07	0.03	0.16	"
-294.70	1.10	5.10	0.01	0.02	0.13	"
-295.70	1.20	3.80	0.01	0.02	0.10	"
-296.70	1.00	3.40	0.01	0.01	0.08	"
-297.70	0.20	2.20	0.01	0.01	0.06	"
-298.70	Тг	2.20	0.01	0.01	0.07	"
-299.70	0.10	0.50	0.01	0.02	0.13	"
-300.70	0.10	1.40	0.01	0.02	0.20	" " " " " " " " " " " " " " " " " " "
-301.70	Тr	0.80	0.01	0.02	0.13	"
-302.70	Tr	0.90	0.01	0.18	0.08	"
-303.70	Tr	0.70	0.01	0.02	0.07	"
-304.70	Тг	0.50	0.01	0.01	0.06	"
-305.70	0.10	1.20	0.01	0.01	0.05	"
-306.70	Tr	1.70	0.01	ó.01	0.08	"
-307.60	0.10	1.50	0.01	0.01	0.25	11:
293.46-293.60	7.80	1.108	1.15	16.2	32.2	Massive sulphide ore

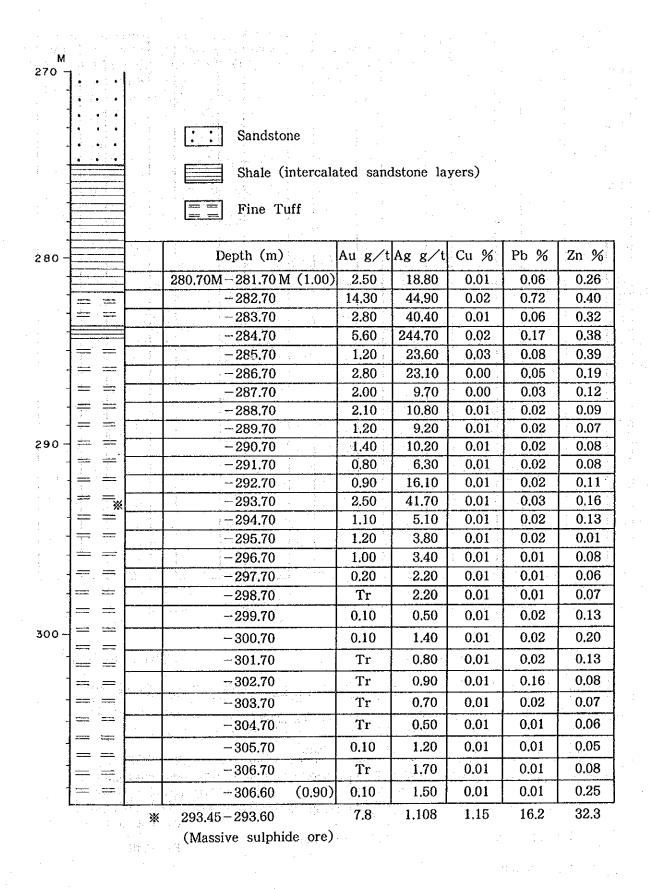
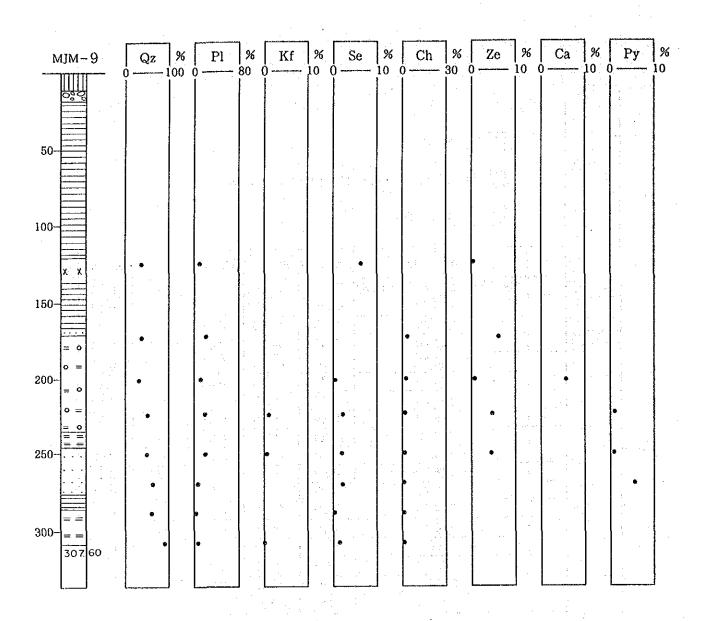


Fig. 5-25 Geology and Assay Results of MJM-9



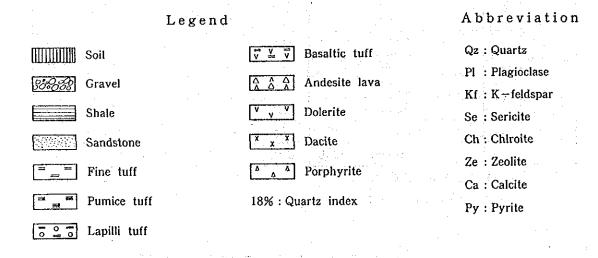


Fig. 5-26 Alteration of Drilling Core (MJM-9)

An mineralized zone of gold and silver is found in the depth from 280.70 m to 288.70 m (thickness: 8 m) with an average grade of 4.2 g/t for gold and 52 g/t for silver (Fig. 5-25). The gold mineralization likely go more deeply (down to 296.70 m), though gradually lowering in grade. The Kuroko lying in the depth between 294.45 m and 294.60 m has a very high grade shown in the above table, giving an expectation that the ore deposit may spread horizontally.

As to the alteration in the hole, the strong mineralization is not reflected in formation of altered products sericite and chlorite are generally formed but their quantities are greater enough than those found in other holes. Quartz, on the other hand, tends to increase in quantity under the Kuroko ore horizon (Fig. 5-26). Zeolite is generally found above the Kuroko ore horizon, though the quantity varies from spot to spot.

(5) MJM-10

No significant mineralization was found in this hole. Only weak dissemination of pyrite was found in fine tuff in depth between 32.40 m and 37.30 m, and shale and andesite in depth between 314.20 m and 358.60 m. The former dissemination was not caused by Kuroko type mineralization because it was found above the Kuroko ore horizon. The pyrite dissemination in shale is extremely weak, and the paragenesis of pyrrhotite and ilmenite is also locally observed.

The results of analyses are as follows:

Depth(m)		Analytica	l Result	s	:	Dawn also
	A11 (g/L)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Remarks
314.20-315.20	0.10	1.10	0.04	0.02	0.07	Py imp in sh.
-316.20	Tr	0.50	0.03	0.02	0.03	"
-317.20	Tr	1.90	0.03	0.02	0.03	"

No promising results in grades were obtained.

Regarding the alteration of this hole, andesite in the lowermost portion of the hole are seemed to be subjected to propylitization and silicification judging from the paragenesis of quartz, sericite chlorite and calcite and their amounts (Fig. 5-27).

(6) MJM-11

In this hole, a fine pyrite dissemination zone considered to be caused by Kuroko type mineralization was found in depth between 129.60 m and 161.20 m. Dissemination tends to concentrate in the gaps among the particles in fine tuff, lapilli tuff and pumice tuff which are country rocks, and in pumice.

Microscopically, the zone is composed of pyrite of which particle diameters are roughly divided into 0.03 mm and 0.01 mm. Both particles are distributed in the country rock, pyroclastic rocks, occasionally accompanied by fine sphalerite (approx. 0.002 mm in diameter).

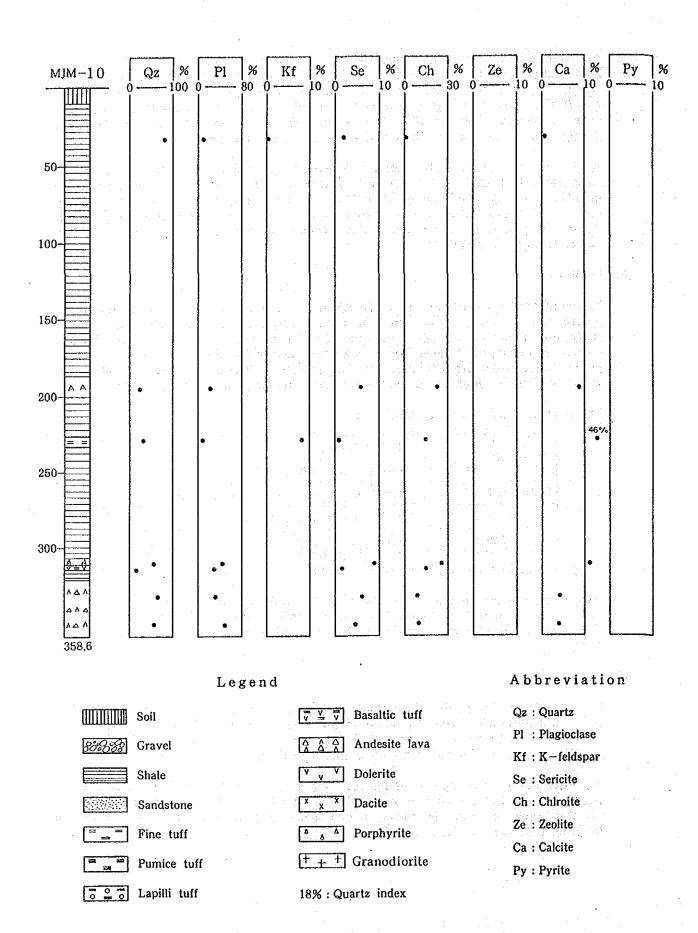


Fig. 5-27 Alteration of Drilling Core (MJM-10)

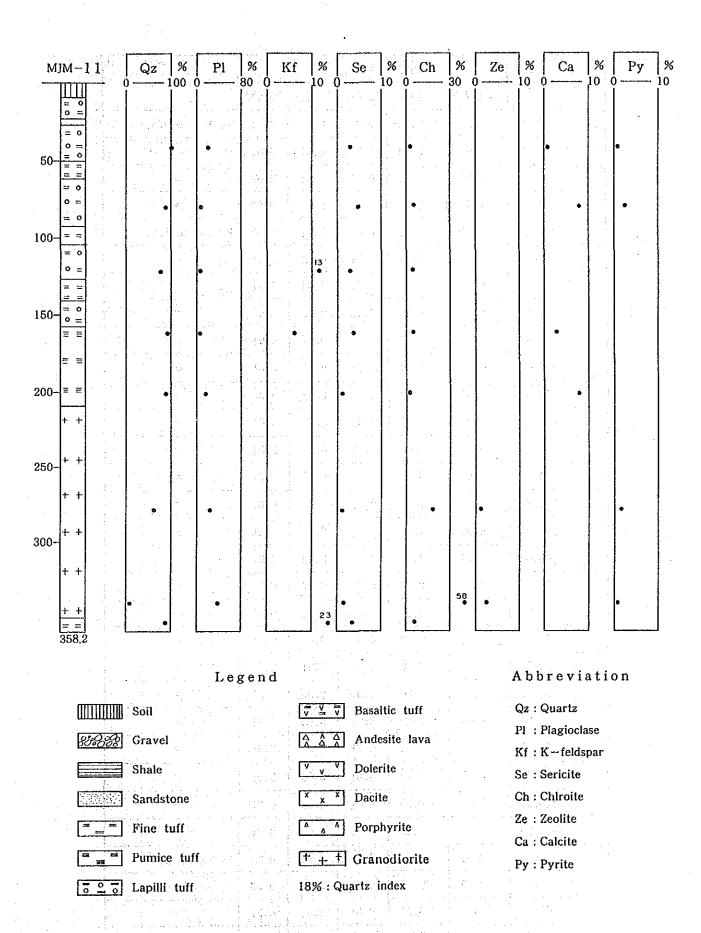


Fig. 5-28 Alteration of Drilling Core (MJM-11)

N I L / - \		Analytica	l Result	S	. 1	Remarks
Depth(m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	(Const to
129.60-130.60	Tr	0.80	0.01	0.01	0.01	Py imp in f.t.
-131.60	Tr	0.50	0.01	0.01	0.01	"
-132.60	Tr	1.00	0.01	0.01	0.02	"
-133.60	0.20	7.40	0.05	0.01	0.02	"
-134.60	0.10	1.30	0.02	0.02	0.02	Py imp in l.t.
-135.60	Tr	0.50	0.02	0.02	0.01	· //
-136.60	Тr	0.30	0.02	0.02	0.02	"
-137.60	Τr	0.50	0.02	0.02	0.02	"
-138.60	Tr	1.10	0.01	0.01	0.01	11
-139.60	Tr	1.80	0.01	0.02	0.01	"
-140.60	0.10	0.80	0.01	0.02	0.01	"
-141.60	0.20	0.60	0.01	0.02	0.01	"
-142.60	0.10	1.00	0.01	0.01	0.01	"
-143.60	Tr	0.90	0.01	0.01	0.01	: //
-144.60	Tr	1.00	0.01	0.02	0.01	"
-145.60	0.20	1.30	0.01	0.02	0.01	//
-146.60	0.10	0.60	0.01	0.02	0.01	"
-147.60	Tr	0.40	0.01	0.02	0.01	"
-148.60	Tr	0.50	0.01	0.01	0.01	"
-149.60	0.00	Тr	0.01	0.02	0.01	"
-150.60	Тг	0.60	0.01	0.01	0.01	"
-151.60	Tr	0.30	0.01	0.02	0.01	"
-152.60	0.20	2.30	0.01	0.03	0.01	"
-153.60	Tr	1.00	0.01	0.03	0.01	//
-154.60	0.10	1.40	0.01	0.03	0.01	"
-155.60	Tr	0.50	0.01	0.02	0.01	"
-156.60	Тг	0.40	0.01	0.02	0.01	"
-157.60	0.00	Tr	0.01	0.02	0.03	Py imp in p.t.
157.60-158.60	.0.00	Tr	0.02	0.02	0.03	Py imp in p.t.
-159.60	Тг	0.90	0.01	0.01	0.01	"
-160.60	0.00	Tr	0.01	0.01	0.01	Py imp in p.t.

Some dissemination zone of pyrite, which can be regarded as a feature of Kuroko type mineralization, have been catched up, but they are not promising in grade.

The hole has been affected by hydrothermal alteration throughout its length, generally including sericite and chlorite in small quantities, mostly less than 10% in relative quantity rate (Fig. 5-28). On the other hand, the rate for quartz is higher than those in other holes. Samples (pumice tuff) taken at 185 m depth generally include K-feldspar, indicating that the rock is rather rhyolite than dacite.

(7) MJM-12

Mineralization was found in the following three sites. In depth between 49.40 m and 61.10 m, almost uniform dissemination of fine pyrite is found in pumice tuff, and veinlet can be found locally. Mineralization in depth between 220 m and 254.10 m is similar to the above. On the other hand, mineralization in depth between 323.20 m and 352.20 m is similar to that of MJM-9 where gold mineralization and Kuroko ore are found. However, it differs from that of MJM-9 (depth: 281.77 m or more) in that the quantity of pyrite disseminated in fine tuff is small, and in particle size.

Microscopically, euhedral pyrite (approx. 0.1 mm in diameter) and dust-like pyrite fill gaps between particles in fine tuff.

Sphalerite is also accompanied by dust-like pyrite, although its quantity is small, and is always anhedral.

		Analytica	l Result	s		Remarks
Depth(m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Nemai no
49.40- 50.40	0.00	Tr	0.01	0.01	0.01	Py imp in p.t.
- 51.40	Tr	0.80	0.01	0.01	0.02	"
- 52.40	Tr	1.00	0.01	0.01	0.01	"
- 53.40	0.10	0.50	0.01	0.01	0.01	"
- 54.40	0.20	0.80	0.01	0.01	0.01	"
- 55.40	Тг	0.40	0.01	0.01	0.01	"
- 56.40	Tr	1.10	0.01	0.01	0.01	"
- 57.40	Tr	0.80	0.01	0.01	0.01	"
- 58.40	0.40	0.90	0.01	0.01	0.01	"
- 59.40	Tr	0.70	0.02	0.02	0.12	"
- 60.40	0.00	Тr	0.01	0.01	0.01	"
220.00-221.00	Τr	0.60	0.01	0.00	0.01	"
-222.00	0.10	0.30	0.01	0.01	0.01	"
-223.00	0.10	0.40	0.01	0.01	0.01	"
-224.00	Тг	0.50	0.01	0.00	0.01	"
-225.00	0.20	0.80	0.01	0.00	0.01	//

		Analytica	i Result	S		D	
Depth(m)	Λυ (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Remarks	
225.00-226.00	Τr	0.40	0.01	0.00	0.01	Py imp in p.t.	
-227.00	Tr	0.50	0.01	0.01	0.01	11	1
-228.00	Tr	0.40	0.01	0.00	0.01	"	
-229.00	0.00	Tr	0.01	0.01	0.01	"	
-230.00	0.00	Tr	0.01	0.00	0.01	"	
-231.00	0.50	2.40	0.01	0.00	0.01	"	
-232.00	Tr	0.40	0.01	0.01	0.01	"	* *
-233.00	Τr	0.50	0.01	0.01	0.01	"	
-234.00	0.00	Tr	0.01	0.01	0.01		
-235.00	0.00	Τr	0.01	0.00	0.01	"	•
-236.00	0.00	Tr	0.01	0.01	0.00		
-237.00	Tr	1,30	0.01	0.01	0.01	"	
-238.00	Тr	0.50	0.01	0.01	0.01	"	TE THE E
-239.00	0.00	Tr	0.01	0.01	0.01	"	
-240.00	Τr	0.70	0.01	0.01	0.01	"	
-241.00	0.00	Tr	0.01	0.01	0.01	"	
-242.60	Τr	0.40	0.01	0.01	0.01	"	
-243.00	0.00	Tr	0.01	0.00	0.01	"	
-244.00	0.00	Tr	0.01	0.01	0.01	"	
-245.00	0.10	0.70	0.01	0.00	0.01	"	
-246.00	0.10	2.60	0.01	0.01	0.01	"	
-247.00	Tr	0.40	0.01	0.01	0.01	"	
-248.00	Τ̈́r	1.00	0.02	0.01	0.01	, ,,,	
250.00-251.00	Τr	0.50	0.02	0.01	0.01	, //	
-252.00	Τr	0.40	0.02	0.01	0.01	"	
-253.00	Tr	0.30	0.01	0.01	0.01	"	
323.20-324.20	Tr	0.80	0.01	0.01	0.00	Py imp in f.t.	
-325.20	0.10	0.60	0.01	0.01	0.01	"	
-326.20	0.10	0.90	0.01	0.01	0.01	"	
-327.20	Τr	0.40	0.01	0.01	0.01	"	
-328.20	Тr	0.60	0.01	0.01	0.01	"	•
-329.20	0.00	Tr	0.01	0.01	0.00	"	
-330,20	0.00	Tr	0.02	0.01	0.01	"	
-331.20	Тг	0.50	0.01	0.01	0.00	".	
-332.20	Tr	0.70	0.01	0.03	0.01	"	
-333.20	Tr	0.90	0.01	0.01	0.01	"	
						· · · · · · · · · · · · · · · · · · ·	
	•		-72 -				

016/->		Analytica	l Result	S		Remarks
Depth(m)	Λu (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	REMAINS
333.20-334.20	0.00	Tr	0.01	0.01	0.01	Py imp in f.t.
-335,20	0.00	Tr	0.01	0.01	0.01	"
-336.20	Tr	1.10	0.00	0.01	0.01	- 11
-337.20	Тr	0.60	0.00	0.01	0.01	"
-338.20	0.10	3.50	0.00	0.01	0.01	"
-339.20	Тг	0.70	0.00	0.01	0.01	Py imp in p.t.
-340.20	Тr	0.50	0.00	0.01	0.01	"
-341.20	Тг	0.40	0.00	0.01	0.01	"
-342.20	0.00	Tr	0.00	0.01	0.01	"
-343.20	Tr	0.50	0.00	0.01	0.01	"
-344.20	0.10	0.80	0.00	0.02	0.02	"
-345.20	Tr	0.60	0.01	0.02	0.01	"
-346.20	Тг	0.80	0.01	0.02	0.02	"
-347.20	0.00	Тг	0.01	0.02	0.01	"
-348.20	Ťг	0.80	0.01	0.02	0.01	"
-349.20	Ťr	0.30	0.01	0.02	0.01	"
-350.20	Tr	0.70	0.01	0.02	0.02	,,
-351.20	Tr	0.80	0.01	0.02	0.01	"
-352.20	Тr	0.90	0.01	0.02	0.01	"

Geological features of mineralized zone between 323.20 m and 352.20 m resemble those of the ore intersection in MJM-9, suggesting a promising grade, but no favorable data are found in the analyzed results.

The hole is so judged that it has been subjected to hydrothermal alteration throughout its length. Advent frequency and quantity of sericite and chlorite are similar to those found other holes in the neighborhood, and this suggests that hydrothermal alteration is "pervasive" type one, but the relative quantity rate of quartz is higher than those of such holes. Granodiorite intruding the middle of the hole has been attacked by an intense chloritization.

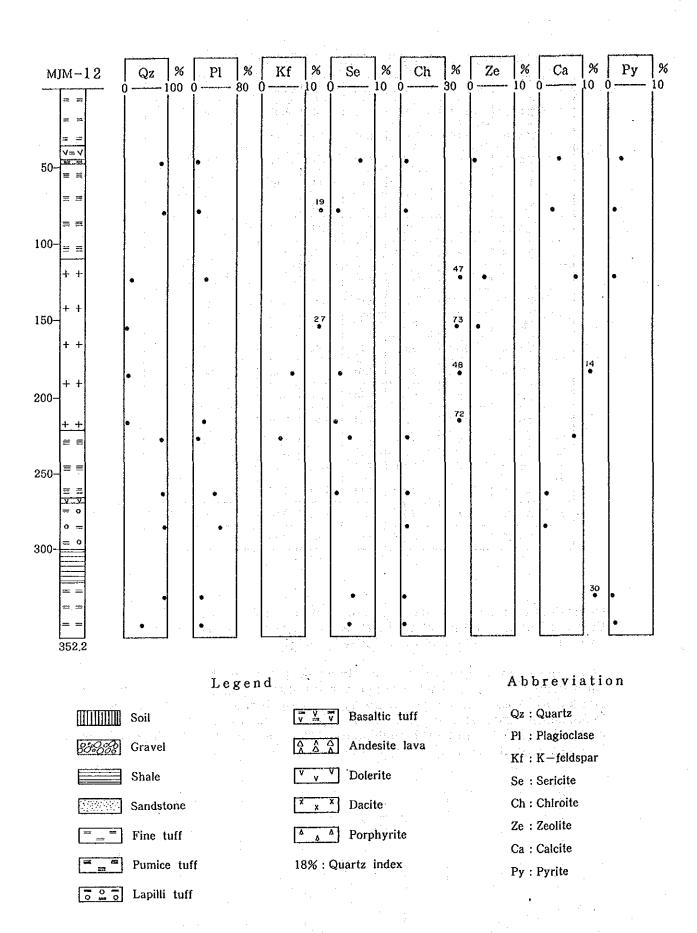


Fig. 5-29 Alteration of Drilling Core (MJM-12)

5-4-4 Correlation between the Results of Drilling and Geophysical Surveys

Of the seven drill holes in this year, the sites of four holes (MJM-6, MJM-7, MJM-8 and MJM-9) were determined taking into account the results of geophysical survey (CSAMT method) in addition to the other survey results.

The correlation between geology and resistivity distribution is reviewed as follows:

(1) MJM-6

This hole is located in the south of the La Concha low resistivity zone. Although the drilling site is about 150 m away from the nearest geophysical survey station, geophysical survey results are considered to be virtually reflective of the geology of this hole. As shown in Fig. 5-30, the resistivity distribution measured at this survey station represents 140 Ω m to the depth of 60 m below the surface, 250 Ω m the depth of 380 m, 100 Ω m upto 550 m and 1,600 Ω m thereunder, with the resistivity increasing in the deeper portion. These figures of resistivity were obtained by estimating optimum resistivity distribution by means of simulation so that they may correspond with the figures measured at the surrounding survey stations.

In the correlation with geology taking into consideration the altitude differentials between the respective survey sites, the low resistivity surface portion (140 Ω ·m) correlates with the distribution zone of fine tuff, pumice tuff and dolerite. These rocks are relatively dense, except for those of the surface portion (0 m to about 20 m), and fractured portions are noticed only locally. It is, therefore, difficult to estimate based on the apparent properties of these rocks the resistivity figure of 140 Ω ·m shown in the results of geophysical survey.

The lower portion indicating the resistivity of 250 Ω ·m corresponds with the distribution zone of pumice tuff associated with the dissemination of fine pyrite. The resistivity measured on the pyrites-disseminated hand specimen showed a figure of about 300 Ω ·m that is higher than the resistivity measured for this part. In this part, the fractures promoting water circulation are poorly developed and also argillization is not observable. Furthermore, the degree of dissemination of sulphide minerals, a factor to reduce resistivity, is weaker than that noticed on the hand specimen used for resistivity measurement.

Consequently, as far as the geological conditions of this hole are concerned, any factor explaining such resistivity distribution cannot be found out. It is presumed that such resistivity distribution is probably reflective of the neighboring geological conditions more strongly than those of this hole itself. Fig. 5-30 shows the correlation between each hole's geology and resistivity distribution.

(2) MJM-7

This hole is located at the southweatern end of the low resistivity zone southeast of La Concha. The drilling site is about 100 m away from the geophysical survey station (No. 5). Therefore, they do not always correspond strictly with each other. As shown in Fig. 5-30, the resistivity distribution measured at this survey station represents the resistivity of 300 Ω m upto 100 m below the surface but the resistivity decreases to 150 Ω m in the lower portion. Such resistivity distribution correlates with soil, shale and lapilli tuff in the upper portion and dacite

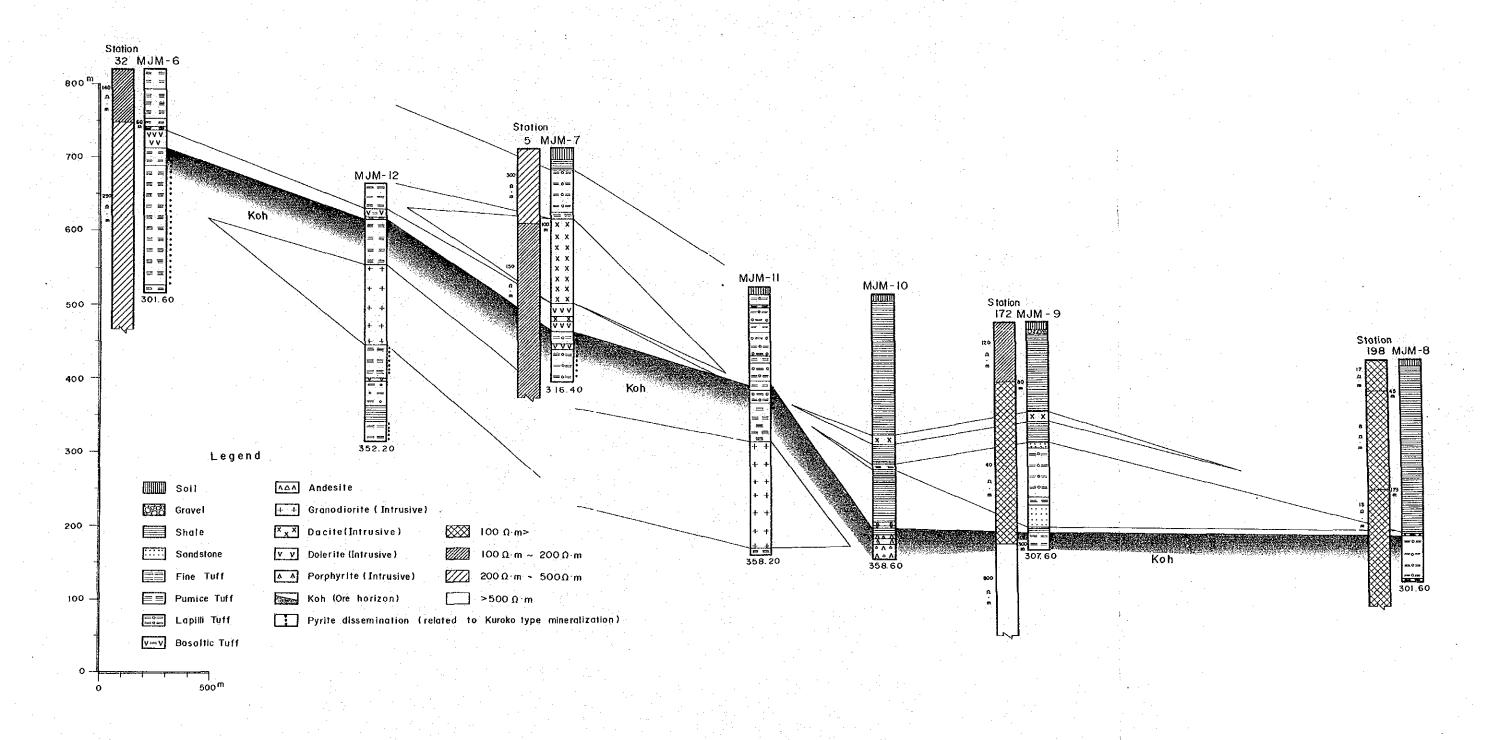


Fig. 5-30 Comparison between Geology and Resistivity Distribution of Each Hole

(intrusive), lapilli tuff associated with fine pyrite dissemination in the lower portion. With reference to the low resistivity zone (150 Ω ·m) in the lower portion, the influences of water circulation through the fractures in dacite and dissemination developed in the lower lapilli tuff are not ignorable as its causes.

Meanwhile, as regards the medium resistivity zone (300 $\Omega \cdot m$) in the upper portion, although higher resistivity than in the lower portion can be expected also from geological point of view, the figure of resistivity itself appears to the biased on the side of low resistivity rather than one the apparent rock properties shown by the drill cores.

(3) MJM-8

This hole is located almost at the center of the low resistivity zone east-northeast of El Bramador. The geology of this hole can be classified into two; that is, the portion from the surface to the depth of 237.80 m where sedimentary rocks prevail and the deeper portion where pyroclastic rocks are dominant. Since the drilling site coincides with the position of the geophysical survey station (No. 198), the results of geophysical survey are considered to be reflective of the geology of this hole.

As indicated in Fig. 5-30, the resistivity at this station was measured at 17 Ω m from the surface to the depth of 45 m, 8 Ω m upto the depth of 175 m and 13 Ω m for the deeper portion, showing very low figures in resistivity. These low resistivity figures being equivalent to those of massive sulphide minerals, such low resistivity cannot be explained by the properties of rocks composing this hole and farther study will be required in this respect.

In this hole, both alteration (argillization) and brecciation are noticed only locally and any special factor causing such remarkably low resistivity cannot be found.

(4) MJM-9

This hole is located almost at the center of the Santa Edwiges low resistivity zone. Since the drilling site coincides with the position of geophysical survey station (No. 172), the results of geophysical survey at the station are considered reflective of the geology of this hole. As shown in Fig. 5-30, the resistivity measured at this station stands at 120 Ω m from the surface to the depth of 80 m and 40 Ω m in the deeper portion upto 300 m.

The low resistivity zone (120 Ω ·m) in the upper portion upto the depth of 80 m correlates geologically with the zone of dense black shale. Although the black shale is associated with a fractured zone, this is not considered to be of such scale as holding down the overall resistivity greatly.

Meanwhile, the low resistivity zone (40 Ω ·m) in the deeper portion below the depth of 80 m correlates with the zone of dense and hard black shale and pyroclastic rocks. In this portion a fine pyrite disseminated zone (281.77 m \sim 307.60 m below the surface) exists within the zone of pyroclastic rocks, but this cannot be considered to be of such scale as may cause such a low resistivity measured at this survey station.

In the correlation between the geology of this hole and the resistivity distribution measured at the station No. 172, it is evident that the resistivity tends to be biased on the low side.

The relationship between the geology of drill holes and resistivity distribution is summarized as follows:

Upon reviewing the actual measurement results by referring to the resistivity test results on hand specimens of rocks, it is evident that the resistivity actually measured in the field survey tends to be biased on the lower side regardless of whether the rocks are sedimentary (shale and sandstone) or pyroclastic rocks.

The relationship between resistivity and geology of MJM-8 in particular remains to be studied further.

CHAPTER 6 CONCLUSION AND RECOMMENDATION

CHAPTER 6 CONCLUSION AND RECOMMENDATION

6-1 Conclusion

As this year's survey (Phase 3) in Jalisco State of the United Mexican States, drilling surveys, aiming to extract hopeful sites for existence of Kuroko type ore deposits, were practiced at seven sites picked out from the last year's survey (Phase 2) results. Conclusions obtained from this survey are summarized as follows:

Drilling Survey

As a result from the survey (at seven holes with a total drilling length of 2,296.20 m) Kuroko type mineralization has been catched up in MJM-6, MJM-7 and MJM-9. Especially, the Kuroko ore horizon of MJM-9 has included a high grade Kuroko ore (15 cm thick: Au: 7.8 g/t, Ag: 1,108 g/t, Cu: 1.15%, Pb: 16.2% and Zn; 32.2%) and a gold mineralized zone (8 m thick; averaged Au grade: 4.2 g/t).

On the other hand, disseminated zone of fine pyrite, which are one of characteristics of Kuroko type mineralization, have been observed in acidic pyroclastics of Kuroko ore horizon in MJM-6 and MJM-7. These disseminated zone partly include silver mineralized zones (MJM-6, 8 m thick; average Ag grade: 145 g/t, MJM-7, 5 m thick; averaged Ag grade: 100 g/t). These facts implicate that the Kuroko type mineralization in this area may also be accompanied by mineralization of precious metals.

In La Concha - El Bramador area, there is a remarkable difference of geological environment between the northwest part (MJM-6, MJM-7, MJM-11 and MJM-12) and the southeast past (MJM-8, MJM-9 and MJM-10). The former four holes have been mainly constituted with similar acidic and basic volcanic rocks, suggesting that they may have been formed by the same volcanic activities. However, the fact that there are no lens-shaped sedimentary rock observed, which is usually found at the center of a sedimentary basin, implicates that these drilling sites are located in the periphery of the basin.

One of big reasons why, despite of observation of predominant Kuroko type mineralization (disseminated zones), no massive sulphide Kuroko type deposits have been encountered is that locations and scales of sedimentary basins necessary for formation of Kuroko type deposits have not been sufficiently followed.

On the other hand, the southeast part is characterized by a small percentage of volcanics in the rock constitution, greatly differing in geological features from the northwest part.

In MJM-9, however, a black shale, which suggests the existence of a sedimentary basin, has been found just above the Kuroko ore horizon, and this meets one of requirements for the existence of Kuroko type deposits. Geological mode of occurrence (including degree and alteration of mineralization in the Kuroko type ore horizon) indicates that this drilling site may not be away from the mineralized center of the Kuroko type deposit.

From the exploration point of view, the probability of existence of Kuroko type deposits may be small in the southeast part.

6-2 Recommendation

Based on survey results and conclusions resulted from discussions of the Phase 3 survey, recommendation for the future can be summarized as follows:

Desirable is detailed exploration by drilling to identify the scale and the grade of the black ore and the gold mineralized zone catched up in MJM-9. This detailed exploration will make the whole image of the expected Kuroko type deposit clear and understanding on the relationship between the Kuroko type mineralization and the gold mineralization deeper.

Additional drilling surveys should be also carried out on silver mineralized zones found in MJM-6 and MJM-7, which may pave a way to catch up Kuroko type deposits, the existence of which in this vicinity is promisingly expected.

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APPENDIX

Drill Logs

Legend

	Soil		V V	Dolerite
:o:.o:0 •. o:	Gravel		x x	Dacite
	Shale		A A	Porphyrite
	Sandstone		+ +	Granodiorite
	Fine tuff		Py:	Pyrite
	Pumice tuff		Po:	Pyrrhotite
= v = v = v	Lapilli tuff			
= o = o = o	Basaltic tuff			
Δ Λ Δ Λ Δ Λ	Andesite lava			

Sample Numbers of X-ray Powder Diffraction Sample Numbers of Polished Section Sample Numbers of Thin Section

T-1 :

<u> </u>	RE	<u>Δ</u> J/	ALISCO <u>D</u>	rill N	<u>o.</u> MJI	VI -	6		(1)	0 m -	\sim 200	
듶	Column		Geology			Sample No.	oth	Column		Geology			Sample No.
3 Depth	ষ্ট	Rock Name	Description	Mineral i- zation	Alteration	Samp	g Depth	3	Rock Name	Description	Minerali- zation	Alterotion	Samp
	= _	Fina Tuff	Pale brown - brown, rather compact, parity fractured.	:				V V					
	===		partry tractorer.					v v				:	
	=						107.30		Pumice	Gray bluish green, compact	Py impregnation	Siticification	
10-	-	:					109,10 1 1 0 -	-	Tuff Fine	bard. Bluish green, compact,	impregnation	-	-x-56
	=							= =	Tuff	hard, rather massive.			
	_ =				ļ			=	lh	100 20 0 101 0 100 0 101		-	-P- 15
	==									-11760 17 050 051 000 001 -11760 17 050 051 000 001 -11760 Tr 050 001 000 001			
50 -	_ =		Black mud-ball bearing				120-	= =	\mathbb{H} \vdash	-11480 0.5 T4 200 0.00 0.01 -11580 0.0 T1 9:00 9:00 0.01 -11580 7r 0.50 0.01 0.00 0.01			
	_							-		-117 (0) Tr 0.40 000 000 000 001 -118 60 00 Tr 000 000 001 -118 60 00 Tr 0 00 000 001 -128 60 Tr 0 000 000 000 000 000 000 000 000 0	a ;		
28.10	=	Pomice Tuff	Bluish green — Olive, rather massive, gentle dipping					- -					
30 -	=	""	(L10°±).			X-54	130 ~			* . :			
	=						130.70	<u>-</u> =	Pumice Tuff	Olive, compact, hard, homogenous			
	選							# #		pumice structure: clear			
	=							=	<u>.</u>	-121 82		-	-P-16
40	=		ore fragment				140-	_ =		-12460 00 Tr 000 000 00 -12560 D0 Tr 000 001 D0 -12660 Tr 000 001 D01 D0	뷬 .	-	-x-57
1	= -				•			=		-77850 00 Tr 000 000 00 -17950 Tr 0.40 000 000 00			
	# 24							= = ;		-33760 00 Tr 000 000 00 -33160 00 Tr 000 000 07 -33160 00 Tr 000 000 07		-	- P-17
	<u>==</u>							= ==		-135 80 Fr 68 80 027 029 03 03 -136 80 020 175 05 038 030 030 030 030 030 030 030 030 030	5 8		
50 -	=						150 -	= =		-135 [0] 0-10 21 320 0 23 0 20 0 23 -135 0 20 -135 0 20 137 0 0 23 0 23 0 23 0 23 0 23 0 23 0 23	9		1.
	=							=		-14150 7s 3385 630 637 635 -14450 7s 4530 620 635 62 -14550 T1 22150 639 637 63 -1450 7r 3650 611 639 63	<u> </u>		
	=	:	:		:			=		-14150 17 1000 007 005 03 -14150 013 9330 035 035 03 -14180 17 4780 017 015 03	7		
60 -	=		ı			Lx-55	160 -	= =		-351 60 Te 870 0.52 0.55 0.3 -352,50 Te 0.60 0.63 0.62 0.6 -350,50 0.50 1.30 0.64 0.61 0.9			
	==							=		-15400 7; 120 800 801 65 -15500 7; 180 606 60; 60 -15500 0.10 626 60; 60 -15700 080 626 60; 602 80	<u> </u>		
	=							= =	<u> </u>	-19100 Tr 060 001 000 20 -19100 070 130 001 000 05 -19100 Tr 030 901 002 00 -19100 Tr 030 001 002 00	<u> </u>		
	= -	Fine Tuff	Bluish green, compact, hard, massive,					= =		-15260 0.10 150 661 651 65 -15260 17 670 661 661 65			
70 -	= ==	.	partly black mud-ball bearing.		1		170 -	=				1	. X - 59
	<u>=</u>				**.			= =					
	=							= = -					
78.10		Shale	Black, fractured.					= = =					
80 - 80.20 81.60		Fine Tuff	Dark gray, compact, stratified.	:			180 -	<u>=</u>					-
	v v	Dolerite	Dark green – ofine, massive, partly fractured.					≖ .	1.				
	v v		No.	,				= =					
90-	v v v		Mineral grain size gradually increase.		<u> </u>		190 -			:		-	T - 2
	v							_ =					
	v v							=					
	V						197.60	=		- 	<u> </u>	<u> </u>	
<u></u>	V V	لبنبا		L				=		<u> </u>	<u> </u>	<u> </u>	_X-59

۽ ا		<u>1</u> 37	EXICO ALISCO <u>D</u> Geology		***		11		10 To	2) Geolo	gy	∼301.6
<u>a</u> Depth	Column	Rock Name		Mineral i- zation	Alterot	Sample No.	∋ Depth	Column	Rock Name	Description	Minerali- zation	Alteration
	로 # 로	Pumice Tuff	Bluish green, compact, hard, white dot bearing					301.60			Jimarkatto	
	= = = = = = = = = = = = = = = = = = =				·							
210 -	**			- '			10-					
33.50	_=								-			
216.90 219.50 220 -	= =			Py impregnetion	Siticificati	Ion	20-					
	# # # #											
		:				•						
230 -	=					- x-60	30 -					
							:					
	=											
240 -	# # - =					- T-3	40 -					
	= = = =	÷										
	== ==.											
250 -	=						50 -					
251.50 254.10	=			Py impreg- nation	Silicificati	on				-		
	=											
260 -	= =]				X+61	60-					
	=											
	= :											
270 -	=						70-					
	=											
	≡ . ≠ ≡											
280 ~	=					-x-62	80-	{· .				
283.20	=	Fine Tuff	Gray olive, compact, hard, shale intercalated.		Silicificati	ion	 					
	_		shale intercalated.									:
290 -	=						90-					
	11											
	=											

_		T	ALISCO D		<u> </u>	2				(Geolog		~ 200	
(a)	Column	Rock Name	ntt		Alteration	Sample No.	€ Depth	Column	Rock Name	Description	Minerali-	Alteration	Comple Me
11/		Soil	Brown - pale brown, rather homogeneous Chorizon.			-	71117	x x	Dacite	Pale green, compact, hard, massive	25		ľ
								X					Ì
						5	110-	x x					×
ď					· .			х					
00		Sha!e	Black, compact, hard,	Py impregnation		ļ		* x					
1			Black, compact, hard, fractured. mineralized fine tuff thin layer intercalated.	impregnation	;	٠.		×					
					;		120-	x x					:
1													
00								×					
	o	Lapilli Tulf	Ofive — green, compact, hard, attenuated pumica, almost flat.			,	130 -	x x				-	×
	==0=						"	×					^
	o=		Lapilli: dacite (?)		_	X-64		× ×					
	o== 0									·			1
_	= 0 = 0 = 0						140-	x				-	-1
	=0=							хх					
1	=0=		·	ľ				x					
	•=•		:					x x					
-	_0 = 0		÷				150	×					-,
	=0=							Î					
:	o == 0					- X-65		х х	:				
]						×			'		
	o ==						160-	x x					
	=•= •=•		·										
	o == 0							x					
-	= 0=0		• .		-	-T- 4.	170 -	хх				-	×
	=∘=							x					
	o= o				_	-x-66		x x					
	=o= o==o									·			
	#°=		:				180 -	x					
	=0=				:	i		x x					
0	==	Fine Tuff	Olive, rather loose, famination, black shale intercelated.					x		·			
	= .					ا ا	[]	x x					
4000	= =					- x - 67 ∷	190 -						×
0	=	Dacite	Pale green, compact,	1				X					
1	хх	(intrusive)	hard, massive.		,			x ·x					
	×		<u> </u>					x					

							•				• .				
	~~~~	<u>1</u> J/	ALISCO <u>D</u> Geology	-	<u>o.</u> MJI	\ <u>8</u>	Sec. 1		(	2 )	Geolog)		√316.4¢	The same of	v .
≘Depth	Column	Rock	Description	<del></del>	Alteration	Sample No.	3 Depth	Column	Rock	Descri		Minerali-	Alteration	Sample No.	
(m)	Ö	Nome Oscite		zation	Allelukon	ß	(m)	->=	Name Lepill Tuff	Pala green — green, compact		Py (mpreg-	Sericite (Chlorite)	Ŭ.	
	x x	(intrusive)	Bluish green, compact hard, massive, rather line.		:		. /	0=0	Tuff	compact		nation	(Chlorite)		
	×				:			====					·	-X -76	
	хх							0 == 0							
10 -	٧	Dolerite (intrusive)	Dark green, compact, hard, massive.			1	10-	==0=		,					
	v v							316.40		<del>-</del> -	<b>-</b>	t			
	v v														
	v								,					. 1	
20 -						1	so-				•				
	V V					- 1									
	v														
26.90		Dacite	Dark gray compact	<u> </u>				.							
30 -	x x	(intrusive)	Dark gray, compact, massive, fina.			-X-73	30 -					·			
233.40	×													7	
	v v	Dolerite	Dark green, compact, hard, massive.							)					
40 –	٧		·				40-		. :						
	v v				ĺ										:
	v						,								
46.50		Lapilli –	<u> </u>	- 				1						÷	
50	=o= o⇔o	Tuff	Pale green, compact, hard. Lapillic decite[?]	Py Impreg- nation	Silicification Sericite (Chlorite)	P-18	50-								•
30	===		Aulg/t) Aglg/t) Cu(%) Pb(%) Zn(%) 247.0 — 248.0m 248.0 — 249.0 249.0 — 250.0									1		4	
	0=0		Dendalmi Iavi Gr Co Po Zn		.	-X-74									
	===		241.00 0.15 31.50 0.33 6.18 0.2 -240.00 0.76 44.60 0.70 0.32 0.2 -250.00 0.76 13250 0.78 0.28 0.3 -251.00 0.10 00.40 0.71 0.33 0.3											1.	
60 -	= • =	<b>│└</b> .	-3500 7: 500 015 031 03 -3500 1:0 420 015 025 03 -3500 1:0 420 015 025 03 -3500 1:0 420 025 025 025 -3500 7: 5500 025 025 025			-т-б	60-								
	o == 0	h	756 00 17 101 60 0 37 0.41 0						:						
63.90	- 0 = V V	Dolerite	Dark green, compact, massive,	<u> </u>			Ì							24.	
	v		weakly chloritization.												
69.70	v v						70 -								
	=0= 0 == 0	Lepilli Tuff	Oark green – ofive pumice structure: obscure.	Py impreg- nation	Silicification Sericite (Chlorite)			ŀ							
	= • =		well-fractured.												
	=0=	L.,	760.00 Tr \$1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	5											
ae	o == o		36100 1/ 6:00 033 033 03 36100 1/ 6:00 033 033 033			X-75	80 -								
	0=0					7-73	""		:				:		
	-0=														
	===						'				: :	1			
89.80															
90 92.40	o = 0	Dolorite		Py impreg-	Sericite		90 -	1							
	o =	(intrusive)	Pale green — green	nation ry impreg-	(Chiorite)							1			٠
	n = 0	Tuff	compact, pumice structure: clear,								٠.				
	= 0 = 0			1		P-19								12	

	RE	<u>A</u> J	ALISCO	<u>Dri</u>	II N	<u>o.</u> MJ	M			( ,:	1 . )	O m	~ 200	
oth Oth	Column		Geo				Sample No.	∃ Depth	Column		Geology			Sample No.
3 Depth	8	Rock Nome		M	inerali- zation	Alteration	Samp	E De	੶ਫ਼	Rock Name	Description	Minerali- zotion	Alteratio	n Ü
		Soil .	Brown ~ reddish brown, poor compaction, weakly stratification.							1		Py Po Impregnation (weakly)		
										:	, , , , , , , , , , , , , , , , , , ,			
9.00		Shala	Black - dark gray		<del></del>			108.60 t t a -		Shale (Sandstone intercal-	Brown black, compact, hard.	<del>  </del>	Hornfels(?)	
		(Sandstona intercal- ated)	compact, hard, stratification, well-fractured.		:					intercal- ated)				
			·											
20.								120-		:	<u> </u>		-	
								121.30		Fine Tuff	Sivish green, compact, hard, massive.			X-77
										Shale (Sandstone intercal- ated)	Brown — black, compact, hard.			
30 -					-			130 -						
31,50			<del></del>	P.	y o npregnation neakly)	 								
					Neskiy)									
40 -								140 -						
				-			:			·				
		: :					:	145.00						
50 -						-	-1 - 7	150 -		÷				
			:								·			
60 -								160 -						-
			:									1	·	
			•											
70 -			:					170 -						
			·		-	:								
80 -								180-			٠,			
			:											
90-								190		-				
			1 · · · · · · · · · · · · · · · · · · ·							,	·			
						-	- P • 20				L5° – L10°			1
			, <u></u>											

			ALISCO <u>[</u> Geolo	gy			Sample No.	pt Ltd.	Column		Geol	ogy			in No
ัฐ บอกเท	Column	Rock Name	Description	Minerol i- zation	Altero	tion	Samp	∋ Depth		Rock Name	Description	1.5	Minerali - zation	Álteration	ď
		Shale [Sandstone Intercel-	Brown — dark gray, compact, hard, gentle dipping (L5° ~ 10°).		hornfels			301.60	* =	Fina Tuff	Pala green, loose, fractured.	11.			-
		ated)	Section cultivates 12 %							·					
					.		1							,	
10-		7.				-		10 -							
. !									-						
											·				
			•				٠								
20 -		:	* .					20-							
							1								
		. !							-				:		
								30 -		. :			:		
50 -		1:						35				٠	1		
35.00							1-6					•			
7.80		Sandstone	Gray, compact, hard massive.												
10 - 0.50		Basaltic Tuff	Dark green, compact, massive.				-P-21	40-							
D.50	=== o == 0	tapilli Tuff	Grayish white, compact, hard. pumice: attenuated	Py impregnation			-1-21						}		
	===		Lapilli : decite (?)			. 4	-X-78								
	o= o	l L	Depth lab   Au   Ca   Cb   70   Cd   70   70   Cd   70   Cd   70   Cd   70   Cd   70   Cd   70   Cd   70   70   Cd	20 nu 007					:					:	
so -	0 == 0		-24750 Tr 8040 201 802					50 -							
	===					- "	1		-						
:	•=•							60-	•						
50 -	<b>≓</b> 0 =							60-						:	
							-X - 79								
	o = 0														
0 -			Olive — grayish green compact, hard,				-T-9	70 -							
- 1	0=0		pumice: common.												Ì
	o=0														
											:				
o –	o = 0	Shafe	Black, compact, hard. Grayish white-pale green					80 -							
11,30	= o==	Lapilli Tuff	Grayish white-pally green compact, hard. pumice: well-attenuated. well-mixtured pumice and lapiil					·							
	o == 0		почникальны рошков вки ыри			1	x-80		\ 						
	===														
0 -	=0=							90 –							
	0=0										:				
7,30	=0=	0.1.	District the second sec				1 .								
9,60		Shate	Black, compact, hard (silicified),		silicifica	tion	x-81	l	<u> </u>					<u> </u>	L

Soll Brown, reither compact, homogeneout.  103.00  106.70  Fractured  11.00  Gravet Srown - gray, gravel; shale and sandstone predominant.  Shale Dark gray - black (parity brown), compact, (shale - sandstone alternation)  1.10° (shale - sandstone alternation)  2.10° (shale - sandstone alternation)  2.10° (shale - sandstone alternation)			7 0	ALISC	O <u>D</u> Geolog		<u>O.</u> IVIC	)  V			<u> </u>		Geolog	<u>O m ⁄</u> v	~ .	200	
10	)epth	olum	Rock	Desc			Alterati	- Be	Sept h	mnlo	Rock	Desc			Δlter	otion	Sample No.
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	(m)		Nome	Brown, rather o	ompact,	zatio	Atteion	W 8	(m)	5	Name	Desc	I	zation	Calcite		<i>i</i> х
10				hamogéneou	t.				103.00			- <b></b>	1		Veinie		: <u>'</u> _
10									106.70			 			<u> </u>		
11.00												Fractured		,			
Dale Drivery which (party benefit compact (party benefit compact to the party benefit to the pa	10-		Gravel	Brown gray, grayel: shafe:	and sandstone				111.00	127 228 X24 1			<b>!</b>	·			
20				predominant		12.5	İ										
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	17.20								. ∥								
10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.00   10.0	20		Shale	[ . ·	<ul> <li>the state of the s</li></ul>				120								
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100					one alternation)				120.76	X X	Dacite (Intrusive)	Pale green, hard massive, whi	), le dot bearing.				
150   X   X   X   X   X   X   X   X   X	23.60				<b>}</b>	<del> </del>	<u> </u>									-	-x-
134.00   X   X   X   State										x	:	·					
134.00   Solution   134.00   Solution   134.00   Solution   142.00   Solution   142.	30 -			Fractured					130	4 .							
140										٠,							1
147,00   Sandstone   Gray conspect, Nard, which support hand, all interestanted.   150 - 150   150 - 150   150 - 150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150	34.90 36.00				ŧ	<u> </u>	<del> </del>		- 134.0		Shafe	Black – dark g rather loose,	ay, weakly fractured.				
Frictured  147.00 Sandstone Gray, conspect, Nard, state interestated,  150 — Sandstone Gray, conspect, Nard, state interestated,  150 — Sandstone Dark gray — gray, explained enging and state interestated,  150 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gray, explained enging and state interestated,  170 — Sandstone Dark gray — gra																	
147.00   Sandston   Gray, compact, baid, well-ported, worde type andstone, shall intercalated.   150   Sandstone	40 -		٠.						140								
147,00				Enabered											÷		
150   Sandation				riaciuseu			1 2		147.0	, ===		Cray nament	bard				
	50									]: : :	Sandstona	well-sorted, shale interca	wecke type sandsto lated	ne.			
155.60   160   162.40   Sandstone   Dark gray - 929, eorgaet, manke, volcanic origin?	51.00			Black, compact	hard,	<del>-</del>	Calcite veinlet.				0						
160 — 162.40 Sandstone Dark gray — gray, compact, mustic, volcanic origin?  170 — 170.40 — 0 — Lapili Tuff Tuff Tuff Tuff Tuff Tuff Tuff Tuf									155.6								
162.40   Sandstone   Dark gray - gray, compact, massive, volcanic origin?     170 -	:			. :					1.00								
Sandstoke Dark gays, compact, marsive, volcanic origin?    170 -	60								160-								
170 -   170.40									162.4		Sandstone	Dark gray — gr	sy,				
170.40			N.							: : :		volcanic orig	in7				
170.40					ė										<b>.</b>		
80 - 0   Compact, Aird, massive purities structure: obscure   -x-   180 -   -	70 -								170.4	=0=	Lapilli	Pale green —	yeen,	.			
0 = 0   well-fractured									172.3	0-0	1221	compact, ha	rd, massive				-x-
80 -   180 -   0 = 0   socidental lapilli bearing matrix: well-sorted			F 1							0 == 0		well-fracture	d				
90				* .			.				į.						
90-	80 -								'"								
90 - 190 - 0 = 0						. :											
90-				:						1	:		:				
	90 -			1 2					190 -	-							
	6.00		7777	<b></b>	F		11-	-†	1	=0=		i i					

Geology   Geol	, 0,
Pice Lupilli   Pale green, massive, ration   Pice Lupilli   Tuili   Pale green, massive, ration   Pice Lupilli   Tuili   Pale green, massive, ration   Pice Lupilli   Tuili   Pale green, massive, ration   Pice Lupilli   Pice Lupil	
0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =	
307.60   -131.07   1	T - 13 X - 89 P - 27
O == 0	
- 130 to 100 to	
0 = 0	
= 20 =	
230 - 30 - 30 - 30 - 30 - 30 - 30 - 30 -	
0=0 =0=	
0 == 0	
237.10 = Fine Tuff Pale green — light gray, compact, massive.	
245,10	
246.80 Sandstone Dark gray, compact, hard, Calcite veinlet  250	
260	
263.00	
270 - X-87 70 -	
275.10 Shale Black, loose, carbonaceous, fractured.	
280	
281.7) = Fine Tuff Darkgray - gray, compact, fy Sericite (Chicrita) - P-23 altered. State	
======================================	
=	
293.45 = 4 Massiva sulfide breccia. + p-25	

	Λ.	RF.	ΛΤ.	ALISCO F	orill N	lo M.T.	M -	10	)	(	l )	O m.	s. 200	) m
ſ		****		Geolog		10. 1110	-	I			Geolog		<u> </u>	
	∋ Depth	Column	Rock Name			Alterotion	Sample No.	3 Depth	Column	Rock Name	Description	T	Alteration	Sample No.
-	(m)		Soil	Brown, loose, Chorizon light brown bed rock bearing	20110	1	S	(m)		NUIN		zanon		<u>s</u> .
														·
	9.00 10		Shate	Yellowish brown, foose, fractured, weathered part.	-		1	110-						
				152 173 - 174 - 175 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176 - 176				113.60				<u> </u>		
۱	10.50										Fractured		Calcite . veinlets	
1	16.80		Shale	Black — dark gray, compect, hard, sandstone intercalated.				120~			:			
	20-			L15'										
								123.20						
1	. 1				'									
	30 -							130 -			· · · · · · · · · · · · · · · · · · ·			
	32.30	==	Fine Tuff	Pale green hard, fractured.	Py impregnation	yn .	-x-90							
	37.30	= =												
	40 -				1			140 ··						
	44.00													ł
	44.00			well-fractured	· †	†	ļ				Black — dark gray compact, hard, thin sandstone layer frequently intercalated.			
											frequently intercalated.			
	50 -							150						
								:			·			
	56.60					† <i>-</i> -								
	60 -		ži v					160 -						
			1			,				,				:
	:			Fala gray, compact, hard. wacke type sandstone intercalated. L20° – 30°			) 3- (				- -			
ļ	70 -		:	, = = = = = = = = = = = = = = = = = = =				170 –		,	e e			
ŀ			1 ·									.		
						:	:							
							i i							
	BO -				1			180 -					:	
			:				4	184.20			Plant compres			
								100.0			Black, compact, rather coarse, carbon matter bearing (?)			•
	90 -							188.60 190 —	ΔΔ	Porphyrite	Dark gray, compact, hard, rather homogeneous, weakly fractured.			
	1. E			en e					Λ Λ					, ,
	:			:		:			Λ Λ Λ				_	-x -91
							1		Δ.Δ					

Α	RE.A	ر ۱	ALISCO <u>Di</u>	ill No	o MJ	M -	⊹ IC	)'	( )	2 ) 2	00 m -	<b>√358.6</b> 0	
			Geology							Geology			S S
3 Depth	Column	Rock Nome	Description	Mineral i- zation	Alteration	Sample No.	∃ Depth	Column	Rock Name	Description	Minerali- zation	Alteration	Sample No.
201.00	۸۸	Shale	Black - dark gray, compact, hard, Intercalation of sandstone layer.			7.			1 1				
			L15*				306.60		1				1
		·		.			310 -	۸ ۸	Porphyrite	Pale green, compact, hard, intermediate grain feldspar, hornblend			-X - 93 T - 14
210 -							312.00	ν = ν λ	Basaltic	Dark olive, fine, compact		Chloritization-	
'							314.20	= V =	Basaltic Tulf Shale	Dark olive, fine, compact well-sorted. Black — dark gray, compact, hard, white silicified sandstone layer frequently	Py Impregnation		P-28
										intercalated.	]		
220 -							350-		L	J14 29 -314 30 0.10 1.18 0.04 0.02 0.07 -314 30 77 0.50 0.03 0.05 0.07 -317 30 77 1.80 0.03 0.02 0.03	1 i .		
							324.80		Andesite	Olive – bluish green,		Prophyliti	
			,		\$			V 7 V	Anoesite	fine, compact, fractured.		zation	
228.70 230 -	= =	Fine Tuff	Pale gray, compact, hard, well-sorted.			11	330 -	Λ Δ	Porphyrite	Olive dark green, compact massive, rether coarse			X-95
	= =				<del>.</del>	-x-92		^					
235.30	= =		Dark gray, compact, hard, gray sandstone intercated.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	337.40	Α Λ					
240 -					÷.	į.	340 -	ΔΛΔ	Andesite	Ofice bluish green, compact, weakly brecciated			
						:		0 4 4					
								A 5 A		1			
			L5° – 10°		1			Δ ΛΔ Λ Δ Λ					V. 25
250 -			4				350 -	۵۸۵					X- 96
								^ ^ ^					
								ΛΔΛ 358.60					
260 -							360 -						
270 -					•		70-						
280 -							80 -						
.													-:
		. •											
290			•		4		90 –		:	;			
									,				
							]	<u> </u>		<u> </u>		لللسا	لنا

	Column	Rock Name Soit (C-horigon)	Geology Description Brown-light brown, locae, rather compact.  Light brown, weathered. lapilit: essential and accidental (shale?)		Älteration	Sample No	3 Depth	Column	Rock Nome	Geology Description	1.6	Alteration	Sample No.
8.80 10 - 20 - 20.20		Soil (C-horigon)	Brown-light brown, tocae, rather compact.  Light brown, weathered.  Iapilli: essential and accidental	2010		03	(W)		1401110		2011019	<del></del>	97_
20 20.20		Lapijii	lapilli: essential and accidental				101.00	===	Lapilli Tuff	Bluish gray, compact,	-+		
20 20.20		Lapilli Yuff	lapilli: essential and accidental				-	0=0	Tuff	hard, rather massive.			
20 20.20		Lapilli Tuff	lapilli: essential and accidental	1 .				= 0 == 0 == 0	·			ĺ	
20 - 20.20		Tuff			- :		110-						
20 - 20.20	0 == 0 == 0 == 0			-				0=0					
20 - 20.20	0 == 0	. 1						0=-0=				. :	
20.20	o == 0							0 == 0 == 0					
	<b>=0</b> =						120-	0=0					-x-9
26.50		Fine Tuff	Light brown, compact, rather coarse.	<u> </u>		<u> </u>	1	0 = 0					
26.50	<u> </u>		partly green compact part					0=0					
	=o= o==o	Lapilli	Pale green, very compact,				126.1	==	Fine Tuff	Light gray — gray, compact, homegenous,			
	=0=	Tuft	homegenous Sapilli: essential and accidental (shate?)				129.60 130 -	- <u>-</u> -	<del>                                     </del>	rather massive.	Py impregnation		
								=.					
	0 = 0 =0 = 0 = 0							===					
	==== ===		]. 				138.5	= =					<u>_</u>
40 -	=0=					X-97			Lapilli Tuff	Gray — bluish gray, compact, hard, lapitii: accidental lapitii			,
	=o ⇒ o == o		·					0 = 0		(basic?) bearing.			P-2
	o == o == o ==							0=0	1 1 1		1   1		
47.70	=	Fine	Pale organ very compact				╢	1					
50 -		Tuff	massive, homogenous.				150	===					
	<u></u> =							=0=					
	= =		•				156.20	0 = 9	Purnice	Gray, compact, hard, massive,	+		P-3
	= =			,				=	Tuff	white spots common.  pumice structure clear			
60.10	and the	Lapilli Tuff	Bluish green, very compact, rather fine.				11	) = =			<u>-</u>	<u>-</u>	X- i
	o=o =o=		accidental fapilli (shale)) common				Ì			92F 80 Tr 0.50 0.01 0.01 0.01	,		
	 	4.						ès.		-133 50 0 20 7.40 0 36 6 01 0 03 -134 50 0 10 130 0 02 0 02 0 02	1		
	~~ o ~~ o						170-			-136 FO Tr 030 001 002 002 -137 60 Tr 030 002 002 000	<u> </u>		:
~	 				Ì	1-16		<b>≒</b> ≡		-139 50 1/10 180 531 652 001 -140 60 210 630 661 662 031 -141 50 221 660 661 662 031	₽		
. ]	- o = o							=	) L	-14360 77 030 001 001 001 -14450 7 100 001 002 001 -1450 07 130 001 002 001			
33.20						ļ		= =		-18580 610 080 095 002 095 -(8760 1/ 0.40 001 092 0.61 -18580 1/ 050 001 001 001			
		:	.*	Py impregnation	-	x- 98	180 -	==	•	-152.60 1/ 960 001 001 001 001 -152.60 020 230 001 002 001 002		•	
	=0==	+ 1:		(weaxiy)	1			==		-15460 6.10 1.40 0.01 0.03 0.01 -15560 17 0.50 0.01 0.02 0.01 -13660 77 0.40 0.03 0.02 0.01		: ]	
	===					P- 32		<u>#72</u>		-15760 000 Tr 001 002 003 -15860 000 Tr 002 002 003 -15980 Tr 000 001 001 001		1	- T- (
	• = • • = • =							=			1		ļ.
20.	o= o				·		190 -	# =	]	-			
92.00	==	Fine	Bluish green, compact,			-		==					
. [	= ==	Tuff	well-luminated. L10°			(	II -	-		l .	4	,	
. 1		1 1	the second secon	1	İ		11	==			1		
	50 - 60.10 70 - 77.30 80 -	47.70	47.70	47.70  Time to the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second seco	47.70	47.70	47.70    10	47.70	47.70	17.70	150	47.70	47.70

Δ	RE/	Δ JA	LISCO	Drill: N	lo. MJ	M -	-	<del> </del>	<u> </u>	2.)	$200\mathrm{m}{\sim}358.20$	<u>mc</u>
ţ.	m		Geol			Sample No.	f.	Column		Geology		Sample No.
3 Depth	Column	Rock Name	Description	Mineral i- zotla	Alterotion	Sam	3 Depth	ខ	Rock Name	Description	Minerali- zation Alteration	S
	<b>₽</b> ₽							+ +	Grano- diorite	Dark green, compact, homegensous, medium grain.		į
	== ==		•					+				: 
207.60	l	2002	Back annua annuan banana			<u> </u>						
210-	+ +	Grano- diorité	Dark green, compact, homogene medium grain.	ous			310 -	+ +			-	-x-193
	+											
	+ +							, <del>1</del> .		1++		
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220 ~	+		•				320-					
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230 -							330 -	+ + 				
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	+							T		· .		ĺ
237.60	+ +		Coarse grain		<del> </del>			4 +				
240 -							340 -					
	+				,			+				
	+ +						'					
250 -	+					.	350 350.60	+ +	<u> </u>	Tanglet		<u> </u>
								==	Pomice Tuff	Light green, compact, weakly silicified.	Silicification	
	+ +							==			-	X-104
	+						359.20	, = =				
260 -							360 -	1		and the second		1 - 1 - 2
	+ +											
266.30					<del> </del>	<del> </del> -						-
270 -				.			370	-				
	+ +							.				Ì
	+		1									
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280 -	+ +					X-102	380 -	1				·
	+		·									
290 –	+ +						390 -		:			
	+								-			
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	+ +											
L	<u> </u>	<u> </u>	1		<u></u>	ــــــــــــــــــــــــــــــــــــــ	JL	<u> </u>		<u> </u>	<u> </u>	

⊛ GDepth	Column	Rock	LISCO <u>D</u> Geolog  Description	у	Alteration	e So	g Depth	Column	Rock Name	Geology Description	1 19		
(m)	 == ==	Name Fine	Reddish brown, weathered, loose,	zation	Alleiunon	8	(m)	<b>O</b> .	Name	Description	zation	Alicidial	-
	=	Tuff	weathered, loose, partly laminated,					=					ļ,
	==				*		1	==	·		İ		
	=							-					
10 -	==				*		110 -						
12.00	==		Yellowish brown, loose, weathered, partly white lapilit bearing				111,30	+ +	Grano- diorite	Dark green, fine, compact, hard, homogeneous.		·	
	=							+					
20 -	= =						120 -	+ +					
	=							+			1		
	= =				:			+ +				ĺ · .	ļ,
	= '							+					
30	= =			:			130 -			1		-	†
	=							+					
32.80	_		Light gray — green, weakly weathered, rather loose				Į .	+ +					-
37,10	=:=		and fractured.				136.70	L	<del> </del> -	Rather coarse	<del>-</del>	<del> </del>	-
40	v = v	Basaltic Tuff	Dark green, rather loose, homogeneous				140 -	+ +					
	v = v							, , , +					
	v== v							+					
46.10	= =	Fine	Light gray — green	-	<u> </u>								l
49.40 50 -	=	Tuff Pumice	compact, fractured pumice structure: clear  Dark green — bluish green	Py		X-105	150 -	+ +					
	= =	Tuff	compact, hard, massive. white spots bearing	impregnation	1	P-31		+ '				·	
	==							+ +					┇.
	≡≡					7-18		+					
60	=		e di San Elekaren 19e eta			P-32	160	÷ +					
61.10	==		49.40 600 Tr 661 601 90					+					ļ
	<b>=</b>		- 51.40 Tr 0.80 0.51 0.01 0.0					+ +					
	E6 E	L	- 51.40 0.00 0.50 0.01 0.01 0.01 0.01 0.01 0.0	벍				+				Į	
70 -	=		-51.43 Tr 0.80 001 001 001 00 -56.45 040 050 001 001 001 00 -59.45 Tr 0.70 002 002 00 -60.40 060 Tr 001 001 00		}		170 ~	+ +				}	ļ
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	=							+ +					
80 -	==					X-106	180	+					
	=.			1	1		1						
	<b>≡ ≡</b>							+					ļ ;
87.50	<b>=</b> =	Fine	Dark green – bluish green,	<del> </del>		$\vdash \vdash$		+				1	
89.40 90 -		Tuff Pumice Tuff	compact, hard. Green — olive green	1			190 –	+ +					
	H H		compact, hard, attenuated pumice bearing.					+		:			
			2000					+ +					
	==							+		:			
ļ	=		<u> </u>	<u> </u>	<u> </u>	Ш	L		<u>_</u>	<u> </u>	<u> </u>	L	<u>L</u>
				:									

AREA	JALISCO	<u>Drill N</u>	<u>lo.</u> N			. ];	2	ا مند ( ) اد	2)		2	00 m	~352		1
f E	Geolo	4 44			Sample No.	듩	Column		1.449	Geol				Sample No	
© Column	ck ome Description	Mineral i zatio	Alter	otion	Samp	3 Depth	8	Rock Name	Des	cription		Minerali- zation	Alteration	n E	
+ +						:.	•=•				417		Silleification		
+   +	Chapter (m)   fe/t   fe/t   ft/s   ft	2s (N)				302,40		Shafa	Dask gray compact,	black hard, minated: L30*					
+ +	-273.00 0.10 0.00 0.01 0.01 -273.00 0.10 0.00 0.01 0.01	001 001 001							MCZKIY IS	mateu. Lov	ļ				
	-725 00 Tr 0.40 8.01 0.00 -727 00 Tr 0.50 0.01 0.01 -728 00 Tr 0.40 0.01 0.00	401 601				308.40 310 -			Gray compa	sct, yery ified.			Siticification	-	İ
210 -	-79900 000 1/ 640 641 -73000 650 7/ 640 600 -73100 050 249 600 600 -73200 1/ 040 001 000	001 001 001								The same					
	-73200 T1 040 051 001 -33200 T1 050 001 001 -73400 000 T1 001 001 -73400 000 T1 001 001	001 001			X-110							Page 1			
+ +			1	,		7			,						•
220 +			Silicific			350 -									
=   ro	ff Green, compact, hard, weakly pumice attenuated, rather homogenous.	Py impregnation	(sericiti	ation zation)	:	322.00					.				
				ļ.,	C-111	323,20		Fina Tuff	Gray, compa well-lamin "mud-ball	act, hard. nated, partly I'' bearing		Py Impregnation			
=	-236 00 0 00 7r 001 001 -317 00 7r 1.30 0.01 0.01 -336 00 1r 0.50 0.01 0.01 -236 00 1r 0.50 0.01 0.01	201 201 100 501					==								ŀ
230 - ≡ ≡	-740.00 Tr 0.70 0.01 0.01 -241.00 0.00 Tr 0.01 0.03 -242.20 Tr 0.40 0.01 0.01	0.01 5.01				330 -	= =							P. 33 X #4	
	-244.03 806 Tr 0.04 0.01	6.01 9.21					- - =					1			
	-247.00 Ts 0.47 GOS 0.01 -248.00 Te 1.00 GOS 0.01	901					=								
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240				-	1.15	340 -	= = =								
= =		PY impregnation (rather strong							Organ (m) 5g/45 123 20 -324 20 Tr -324 20 9.10	em an an	1 600			P-34	ľ
=							- -		-327.20 Tc -327.20 Tc	0.80 0.01 0.0 0.80 0.01 0.0	H DOT H DOT H BOS				
1	erite Dark green — olive green, compact, hard, fine.	- 1	<u>                                     </u>	$\dashv$			=		-329 20 0 00 -330 20 0 00 -331 20 Tr	Tr 001 00 Tr 002 0.0 053 001 00 0.70 001 00	H Q.D5				
250 = Pw		Py impregnation	Silicific	ation	- 1	350 -	352.20	-	-331.20 fr -334.20 0.00 -336.20 0.00 -336.70 Tr	1 Tr 601 00	1 0.01			+ X-115	
254.10 =   -	erite Dark green, compact,				** :			<u> </u>	-337.20 Tr -338.20 9.19 -339.20 Tr	990 000 00 350 000 00 639 000 00	1 0.01 1 0.02 14 0.01				
258.20 Y Pur	u [] Gray, compact, hard,	_	Silicific	ation					-34120 tr -34120 000 -34320 tr	0.40 0.00 0.0 7r 0.00 0.0 0.50 0.00 0.0	H 001 H 001 H 001		. t. f.		
260 - =	silicification, partly fractured.					360 -			-345.26 % -345.20 % -347.20 0.00	0.80 0.01 0.0	2 6.21 2 6.22			e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de l	
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265.50	rite Dark green, compact,				K-115				-391 70 E	030 001 0:	2 0.64	1			
268 m) V	hard, homogeneous, fine.	<u>.</u>	or												
270 Lag	Ifi Pale green — gray,  ff compact, hard,  silicified,  partly fractured.		Siticific			370 -				-		.*			
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지수를 하는 사람은 이후 사람들이 가득하고 있다. 그 수 있는 사람들이 가는 사람들이 되고 있었다.
APX. 2 Microscopic Observation of Rock Thin Sections
그리고 그들은 사람들이 가득하지 하시다면 하는 것이 생각했습니다. 이번 회학에 가를 받는 것 같은 말했다.

# APX.2 Microscopic Observation of Rock Thin Sections

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Abundant

@:Common

O:Minor

Raro

### APX. 3 Photomicrographs of Rock Thin Sections of Drill Cores

#### Abbreviation

Qz: Quartz

P1: Plagioclase

Se: Sericite

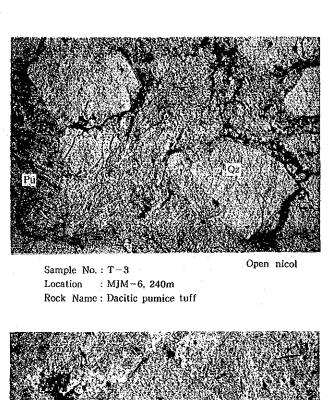
Fe: Iron mineral

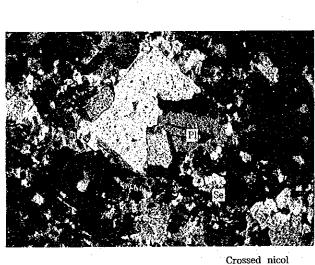
Ca: Calcite

Pu: Pumice

Ep: Epidote

C: Carbon matter

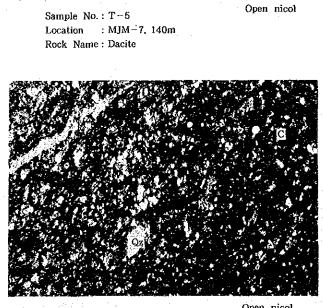


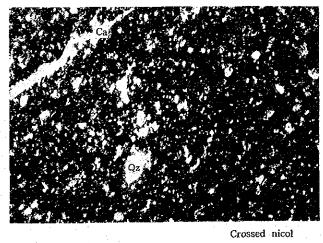


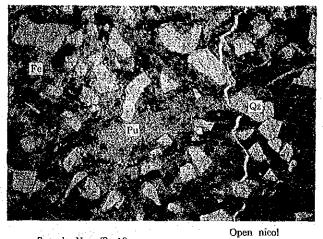
0.5 mm

0.5 mm

Crossed nicol

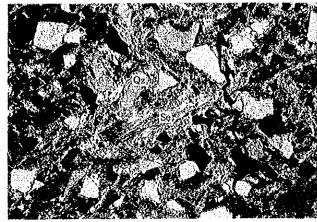






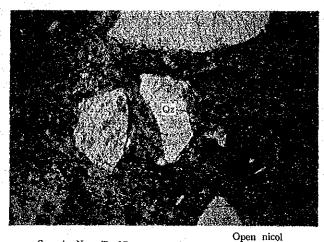
Sample No.: T-12

Location : MJM-9, 286m Rock Name: Dacitic fine tuff



Crossed nicol

0.5mm

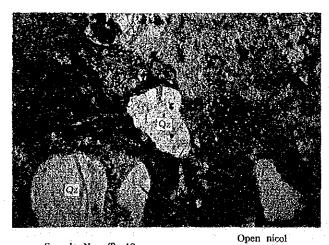


Sample No.: T-17 Location : MJM-11, 70m Rock Name: Dacitic pumice tuff

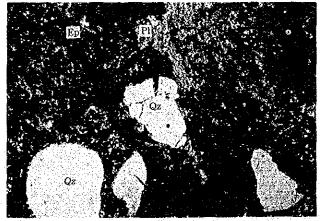


Crossed nicol

0.5mm



Sample No.: T-19
Location: MJM-12, 103m
Rock Name: Dacitic pumice tuff



Crossed nicol

0.5mm

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APX. 4 Microscopic Observation of Polished Sections of	of Drill Cores
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APX. 4 Microscopic Observation of Ore Polished Sections of Drill Cores

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|             | Sample Orili Depth | Ag Gn 02 Ca Se | Sample No.         Orili No.         Depth (m)         Sp Cp Py Te Po Ag Gn 02 Ca Se         Po Ag Gn 02 Ca Se         Po Ag Gn 02 Ca Se         Po Ag Inpregna           P-15         MJM- 6         115.60         ●         ○         ○         Pv-Sp impregna | Sample No.         Orili No.         Depth (m)         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM-6         115.60         •         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         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 ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○ <td< td=""><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         •         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         <td< td=""><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         •         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         <td< td=""><td>Sample No.         Drill No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         C C Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         136.50         C C Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         C C C Py Te Po Ag Cn Ca Se           P-18         MJM- 7         250.00         C C C C C C C C C C C C C C C C C C C</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         O O O O O O O O O O O O O O O O O O O</td><td>Sample No.         Drill No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         ©         Ca Se           P-16         MJM- 6         115.60         ©         Ca Se           P-17         MJM- 6         136.50         O         O         O           P-17         MJM- 6         147.40         O         O         O         O           P-18         MJM- 7         250.00         O         O         O         O         O           P-20         MJM- 8         36.60         O         O         O         O         O           P-21         MJM- 8         36.60         O         O         O         O         O         O           P-22         MJM- 9         281.50         O         O         O         O         O         O</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         ©         Ca Se           P-16         MJM- 6         115.60         ©         Ca Se           P-17         MJM- 6         115.60         O         O         Ca Se           P-18         MJM- 6         115.60         O         O         O         O         O           P-19         MJM- 7         250.00         O         O         O         O         O         O           P-20         MJM- 8         26.60         O         O         O         O         O         O         O           P-21         MJM- 8         241.00         O         O         O         O         O         O         O         O         O         O         O         O         O         O         D         D         D         D         D         D         D         D         D         D         D         D         D         D        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Se           P-16         MJM- 6         115.60         •         O         O         Ca Se         Ca Se           P-16         MJM- 6         115.60         •         O         O         Ca Se         Ca Se           P-17         MJM- 6         136.50         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O</td><td>Sample         No.         (m)         Sp Cp Py Te Po Ag Gn Qz Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn Qz Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn Qz Ca Se           P-17         MJM- 6         136.50         Cp Cp Py Te Po Ag Gn Qz Ca Se           P-18         MJM- 7         250.00         Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp C</td><td>Sample No.         No.         No.         Cm)         Sp Cp Py Te Po Ag Gn Oz Ca Se           P-15         MJM- 6         115.60         C C C C C C C C C C C C C C C C C C C</td><td>Sample No. No.         Orill No. (m)         Sp Cp Py Te         Po Ag Gn 02         Ca Se           P-15         MjH-6         115.60         ●         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○        
○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○<td>Sample         Drill         Depth         Sp Cp Py Te         Po A8         Gn 02         Ca Se         Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in P</td><td>Sample         Dr. III         Depth         So Gr Py Te Po Ag Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr</td><td>Sample         Dr. III         Depth         So         CP 10         Ag         Gn         Ca         CP 20           P-15         MJM-6         115.60         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C</td><td>Sample         Dr. III         Depth (m)         Sp. Co Py Te Po Ag Ca Ca Se         Py-Sp II           P-15         MJH- 6         115.60         ●         ○         Py-Sp II           P-16         MJH- 6         115.60         ●         ○         Py-Sp II           P-17         MJH- 6         136.50         ○         ○         Py-Sp II           P-18         MJH- 7         250.00         ○         ○         Py-Sp II           P-19         MJH- 8         241.00         ●         ○         Py-Sp II           P-20         MJH- 8         246.00         ●         ○         Py-Sp II           P-21         MJH- 8         246.00         ●         ○         Py-Sp II           P-22         MJH- 9         228.45         ●         ●         Py-Sp II           P-23         MJH- 9         228.45         ●         ●         Py-Sp II           P-24         MJH- 9         228.45         ●         ●         Py-Sp II           P-25         MJH- 9         228.45         ●         ●         Py-Sp II           P-26         MJH- 1         143.00         ●         ○         Py-Sp II           P-29         <t< td=""></t<></td></td></td<></td></td<></td></td<> | Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         •         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○ <td< td=""><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         •         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         <td< td=""><td>Sample No.         Drill No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         C C Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         136.50         C C Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         C C C Py Te Po Ag Cn Ca Se           P-18         MJM- 7         250.00         C C C C C C C C C C C C C C C C C C C</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         O O O O O O O O O O O O O O O O O O O</td><td>Sample No.         Drill No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         ©         Ca Se           P-16         MJM- 6         115.60         ©         Ca Se           P-17         MJM- 6         136.50         O         O         O           P-17         MJM- 6         147.40         O         O         O         O           P-18         MJM- 7         250.00         O         O         O         O         O           P-20         MJM- 8         36.60         O         O         O         O         O           P-21         MJM- 8         36.60         O         O         O         O         O         O           P-22         MJM- 9         281.50         O         O         O         O         O         O</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         ©         Ca Se           P-16         MJM- 6         115.60         ©         Ca Se           P-17         MJM- 6         115.60         O         O         Ca Se           P-18         MJM- 6         115.60         O         O         O         O         O           P-19         MJM- 7         250.00         O         O         O         O         O         O           P-20         MJM- 8         26.60         O         O         O         O         O         O         O           P-21         MJM- 8         241.00         O         O         O         O         O         O         O         O         O         O         O         O         O         O         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         Cp C C C C C C C C C C C C C C C C C C</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag
Gn 02 Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         136.50         Cp Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         Cp C C C C C C C C C C C C C C C C C C</td><td>Sample No.         No.         (m)         Sp Cp Py Te Po A8 Gn 02 Ca Se           P-15         MJM- 6         115.60         •         O         O         G         Ca Se           P-16         MJM- 6         115.60         •         O         O         Ca Se         Ca Se           P-16         MJM- 6         115.60         •         O         O         Ca Se         Ca Se           P-17         MJM- 6         136.50         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O</td><td>Sample         No.         (m)         Sp Cp Py Te Po Ag Gn Qz Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn Qz Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn Qz Ca Se           P-17         MJM- 6         136.50         Cp Cp Py Te Po Ag Gn Qz Ca Se           P-18         MJM- 7         250.00         Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp C</td><td>Sample No.         No.         No.         Cm)         Sp Cp Py Te Po Ag Gn Oz Ca Se           P-15         MJM- 6         115.60         C C C C C C C C C C C C C C C C C C C</td><td>Sample No. No.         Orill No. (m)         Sp Cp Py Te         Po Ag Gn 02         Ca Se           P-15         MjH-6         115.60         ●         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○<td>Sample         Drill         Depth         Sp Cp Py Te         Po A8         Gn 02         Ca Se         Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in 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Py-Sp in P</td><td>Sample         Dr. III         Depth         So Gr Py Te Po Ag Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr</td><td>Sample         Dr. III         Depth         So         CP 10         Ag         Gn         Ca         CP 20           P-15         MJM-6         115.60         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C</td><td>Sample         Dr. III         Depth (m)         Sp. Co Py Te Po Ag Ca Ca Se         Py-Sp II           P-15         MJH- 6         115.60         ●         ○         Py-Sp II           P-16         MJH- 6         115.60         ●         ○         Py-Sp II           P-17         MJH- 6         136.50         ○         ○         Py-Sp II           P-18         MJH- 7         250.00         ○         ○         Py-Sp II           P-19         MJH- 8         241.00         ●         ○         Py-Sp II           P-20         MJH- 8         246.00         ●         ○         Py-Sp II           P-21         MJH- 8         246.00         ●         ○         Py-Sp II           P-22         MJH- 9         228.45         ●         ●         Py-Sp II           P-23         MJH- 9         228.45         ●         ●         Py-Sp II           P-24         MJH- 9         228.45         ●         ●         Py-Sp II           P-25         MJH- 9         228.45         ●         ●         Py-Sp II           P-26         MJH- 1         143.00         ●         ○         Py-Sp II           P-29         <t< td=""></t<></td></td></td<></td></td<> | Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         •         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○ <td< td=""><td>Sample No.         Drill No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         C C Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         136.50         C C Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         C C C Py Te Po Ag Cn Ca Se           P-18         MJM- 7         250.00         C C C C C C C C C C C C C C C C C C C</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         O O O O O O O O O O O O O O O O O O O</td><td>Sample No.         Drill No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         ©         Ca Se           P-16         MJM- 6         115.60         ©         Ca Se           P-17         MJM- 6         136.50         O         O         O           P-17         MJM- 6         147.40         O         O         O         O           P-18         MJM- 7         250.00         O         O         O         O         O           P-20         MJM- 8         36.60         O         O         O         O         O           P-21         MJM- 8         36.60         O         O         O         O         O         O           P-22         MJM- 9         281.50         O         O         O         O         O         O</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         ©         Ca Se           P-16         MJM- 6   
     115.60         ©         Ca Se           P-17         MJM- 6         115.60         O         O         Ca Se           P-18         MJM- 6         115.60         O         O         O         O         O           P-19         MJM- 7         250.00         O         O         O         O         O         O           P-20         MJM- 8         26.60         O         O         O         O         O         O         O           P-21         MJM- 8         241.00         O         O         O         O         O         O         O         O         O         O         O         O         O         O         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         Cp C C C C C C C C C C C C C C C C C C</td><td>Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         136.50         Cp Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         Cp C C C C C C C C C C C C C C C C C C</td><td>Sample No.         No.         (m)         Sp Cp Py Te Po A8 Gn 02 Ca Se           P-15         MJM- 6         115.60         •         O         O         G         Ca Se           P-16         MJM- 6         115.60         •         O         O         Ca Se         Ca Se           P-16         MJM- 6         115.60         •         O         O         Ca Se         Ca Se           P-17         MJM- 6         136.50         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O</td><td>Sample         No.         (m)         Sp Cp Py Te Po Ag Gn Qz Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn Qz Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn Qz Ca Se           P-17         MJM- 6         136.50         Cp Cp Py Te Po Ag Gn Qz Ca Se           P-18         MJM- 7         250.00         Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp C</td><td>Sample No.         No.         No.         Cm)         Sp Cp Py Te Po Ag Gn Oz Ca Se           P-15         MJM- 6         115.60         C C C C C C C C C C C C C C C C C C C</td><td>Sample No. No.         Orill No. (m)         Sp Cp Py Te         Po Ag Gn 02         Ca Se           P-15         MjH-6         115.60         ●         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○<td>Sample         Drill         Depth         Sp Cp Py Te         Po A8         Gn 02         Ca Se         Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in 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   C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C</td><td>Sample         Dr. III         Depth (m)         Sp. Co Py Te Po Ag Ca Ca Se         Py-Sp II           P-15         MJH- 6         115.60         ●         ○         Py-Sp II           P-16         MJH- 6         115.60         ●         ○         Py-Sp II           P-17         MJH- 6         136.50         ○         ○         Py-Sp II           P-18         MJH- 7         250.00         ○         ○         Py-Sp II           P-19         MJH- 8         241.00         ●         ○         Py-Sp II           P-20         MJH- 8         246.00         ●         ○         Py-Sp II           P-21         MJH- 8         246.00         ●         ○         Py-Sp II           P-22         MJH- 9         228.45         ●         ●         Py-Sp II           P-23         MJH- 9         228.45         ●         ●         Py-Sp II           P-24         MJH- 9         228.45         ●         ●         Py-Sp II           P-25         MJH- 9         228.45         ●         ●         Py-Sp II           P-26         MJH- 1         143.00         ●         ○         Py-Sp II           P-29         <t< td=""></t<></td></td></td<> | Sample No.         Drill No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         C C Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         136.50         C C Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         C C C Py Te Po Ag Cn Ca Se           P-18         MJM- 7         250.00         C C C C C C C C C C C C C C C C C C C | Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         O O O O O O O O O O O O O O O O O O O | Sample No.         Drill No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         ©         Ca Se           P-16         MJM- 6         115.60         ©         Ca Se           P-17         MJM- 6         136.50         O         O         O           P-17         MJM- 6         147.40         O         O         O         O           P-18         MJM- 7         250.00         O         O         O         O         O           P-20         MJM- 8         36.60         O         O         O         O         O           P-21         MJM- 8         36.60         O         O         O         O         O         O           P-22         MJM- 9         281.50         O         O         O         O         O   
     O | Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         ©         Ca Se           P-16         MJM- 6         115.60         ©         Ca Se           P-17         MJM- 6         115.60         O         O         Ca Se           P-18         MJM- 6         115.60         O         O         O         O         O           P-19         MJM- 7         250.00         O         O         O         O         O         O           P-20         MJM- 8         26.60         O         O         O         O         O         O         O           P-21         MJM- 8         241.00         O         O         O         O         O         O         O         O         O         O         O         O         O         O         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D | Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         Cp C C C C C C C C C C C C C C C C C C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sample No.         Drill No.         Depth No.         Sp Cp Py Te Po Ag Gn 02 Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn 02 Ca Se           P-16         MJM- 6         136.50         Cp Py Te Po Ag Gn 02 Ca Se           P-17         MJM- 6         136.50         Cp C C C C C C C C C C C C C C C C C C | Sample No.         No.         (m)         Sp Cp Py Te Po A8 Gn 02 Ca Se           P-15         MJM- 6         115.60         •         O         O         G         Ca Se           P-16         MJM- 6         115.60         •         O         O         Ca Se         Ca Se           P-16         MJM- 6         115.60         •         O         O         Ca Se         Ca Se           P-17         MJM- 6         136.50         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O | Sample         No.         (m)         Sp Cp Py Te Po Ag Gn Qz Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn Qz Ca Se           P-15         MJM- 6         115.60         Cp Py Te Po Ag Gn Qz Ca Se           P-17         MJM- 6         136.50         Cp Cp Py Te Po Ag Gn Qz Ca Se           P-18         MJM- 7         250.00         Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp Cp C | Sample No.         No.         No.         Cm)         Sp Cp Py Te Po Ag Gn Oz Ca Se           P-15         MJM- 6         115.60         C C C C C C C C C C C C C C C C C C C | Sample No. No.         Orill No. (m)         Sp Cp Py Te         Po Ag Gn 02         Ca Se           P-15         MjH-6         115.60         ●         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○         ○ <td>Sample         Drill         Depth         Sp Cp Py Te         Po A8         Gn 02         Ca Se         Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in 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C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C</td> <td>Sample         Dr. III         Depth (m)         Sp. Co Py Te Po Ag Ca Ca Se         Py-Sp II           P-15         MJH- 6         115.60         ●         ○         Py-Sp II           P-16         MJH- 6         115.60         ●         ○         Py-Sp II           P-17         MJH- 6         136.50         ○         ○         Py-Sp II           P-18         MJH- 7         250.00         ○         ○         Py-Sp II           P-19         MJH- 8         241.00         ●         ○         Py-Sp II           P-20         MJH- 8         246.00         ●         ○         Py-Sp II 
         P-21         MJH- 8         246.00         ●         ○         Py-Sp II           P-22         MJH- 9         228.45         ●         ●         Py-Sp II           P-23         MJH- 9         228.45         ●         ●         Py-Sp II           P-24         MJH- 9         228.45         ●         ●         Py-Sp II           P-25         MJH- 9         228.45         ●         ●         Py-Sp II           P-26         MJH- 1         143.00         ●         ○         Py-Sp II           P-29         <t< td=""></t<></td> | Sample         Drill         Depth         Sp Cp Py Te         Po A8         Gn 02         Ca Se         Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in Py-Sp in P | Sample         Dr. III         Depth         So Gr Py Te Po Ag Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr Gr | Sample         Dr. III         Depth         So         CP 10         Ag         Gn         Ca         CP 20           P-15         MJM-6         115.60         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C | Sample         Dr. III         Depth (m)         Sp. Co Py Te Po Ag Ca Ca Se         Py-Sp II           P-15         MJH- 6         115.60         ●         ○         Py-Sp II           P-16         MJH- 6         115.60         ●         ○         Py-Sp II           P-17         MJH- 6         136.50         ○         ○         Py-Sp II           P-18         MJH- 7         250.00         ○         ○         Py-Sp II           P-19         MJH- 8         241.00         ●         ○         Py-Sp II           P-20         MJH- 8         246.00         ●         ○         Py-Sp II           P-21         MJH- 8         246.00         ●         ○         Py-Sp II           P-22         MJH- 9         228.45         ●         ●         Py-Sp II           P-23         MJH- 9         228.45         ●         ●         Py-Sp II           P-24         MJH- 9         228.45         ●         ●         Py-Sp II           P-25         MJH- 9         228.45         ●         ●         Py-Sp II           P-26         MJH- 1         143.00         ●         ○         Py-Sp II           P-29 <t< td=""></t<> |

Abbreviation
Sp. Sphalerite Cp. Chalcopyrite Py: Pyrite Te. Tetrahedrite Po: Pyrrhotite
Gn: Galena E1: Riectrun Qa: Quartz Calcite Se: Sericite
©: Abundant ©: Common O: Minor

Ag: Argentite

### APX. 5 Photomicrographs of Ore polished Sections of Drill Cores

#### Abbreviation

Sp : Sphalerite

Py : Pyrite

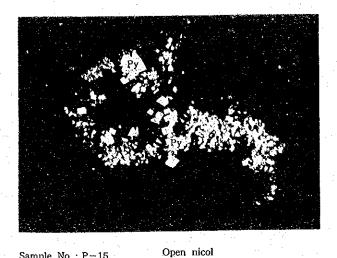
Gn: Galena

Po: Pyrrhotite

Te : Tetrahedrite

El : Electrum

1m: 11menite

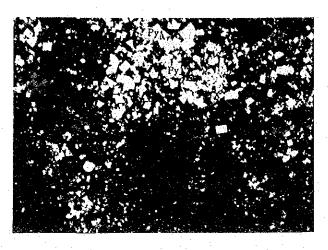


Sample No.: P-15

Drill No. : MJM-6 Depth

0.2mm : 115.60m

Remarks : Pyrite impregnation in fine tuff



Sample No.: P-17

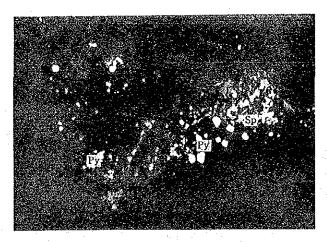
Crossed nicols

0,2mm

___0.1mm__

Drill No. : MJM-6 Depth : 147.40m

Remarks : Pyrite concentration in pumice tuff



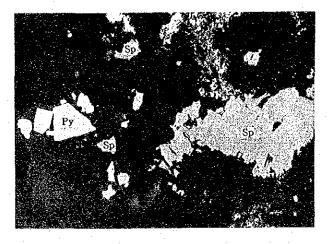
Open nicol Sample No.: P-18

Drill No. : MJM-7

: 250,00m Depth

Remarks : Pyrite and sphalerite impregnation in

lapilli tuff



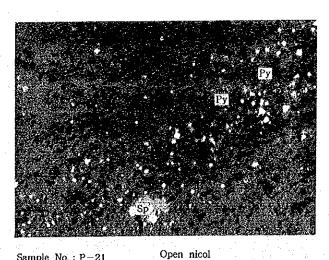
Open nicol Sample No.: P-19

Drill No. : MJM-7

0.2mm

Depth : 300.00m Remarks : Pyrite and sphalerite impregnation in

lapilli tuff

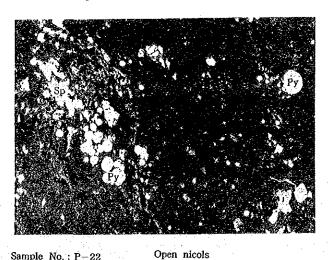


Sample No.: P-21

Drill No. : MJM-8

Depth : 241.00m

Remarks : Pyrite and sphalerite impregnation in



Sample No.: P-22

Drill No. : MJM-9

0.05mm

Depth : 281.50m Remarks : Framboidal pyrite bearing shale

0.1mm



Sample No.: P-23

Open nicol

Sample No.: P-25 0.05mm

Open nicol

Drill No. : MJM-9 Depth

Remarks

: 282.80m

Drill No. : MJM-9 Depth : 293.45m

__0.1mm__

0.1mm

: Sphalerite and pyrite in fine tuff

Remarks : Massive sulphide ore



Sample No.: P-25 Drill No. : MJM-9

: 293,45m

: Massive sulphide ore

Depth

Remarks

Open nicol

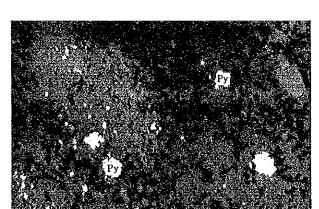
0.05mm

Sample No.: P-28 Drill No. : MJM-10 Open, nicols

Depth : 314.30m

Remarks

: Pyrrhotite and ilmenite in shale



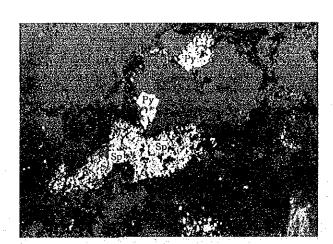
Sample No.: P-29 Drill No. : MJM-11

Open nicol

___0.1mm__

: 143.00m Depth

: Pyrite impregnation in lapilli tuff Remarks



Sample No.: P-34

Crossed nicol

0.2mm

Drill No. : MJM-12 Depth : 342.00m

Remarks : Pyrite and sphaterite impregnation

in fine tuff

진불 그런 지수는 물을 입니다면서 이 그리고 그렇게 된 것으로 바다를 하다는 것같다. 원인
경우에 하는 그는 그는 그는 그는 사람들은 사람들이 살아 가는 사람들이 되었다. 그 그들은 그는
APX. 6 Results of Chemical Analysis of Ore Samples from Drill Cores
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				Coord	linates	Name of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last o	Analytica	ıl Result	s		
No.	Drill No.	Depth(m)	Sample No.	- X	Υ	Aŭ (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Remarks
1	MJM- 6	106.60-107.60	MJM- 6- 1	13,430	11,860	0.20	0.70	0.01	0.01	0.01	Py imp in do & p.t.
2		-108.60	MJM- 6- 2			Τr	0.60	0.01	0.00	0.01	Py imp in p.t.
3		-109.60	MJM- 6- 3			0.10	0.40	0.01	0.00	0.02	Py imp in p.t.& f.t.
4		-110.60	M.IM -6- 4			0.20	2.10	0.01	0.00	0.01	Py imp in f.t.
5		-117.60	M.IM- 6- 5			Τr	0.60	0.01	0.00	0.01	"
6		-112.60	MJM- 6- 6			Τr	0.50	0.01	0.00	0.02	"
7		-113.60	MJM- 6- 7			0.0	Tr	0.00	0.00	0.01	"
8		-114.60	MJM- 6- 8			0.0	Τr	0.00	0.00	0.01	"
9		-115.60	MJM- 6- 9			0.0	Τr	0.00	0.00	0.02	"
10		-116.60	MJM- 8-10			Тг	0.80	0.01	0.00	0.01	"
. 11		-117.60	M,IM- 6-11			Τr	0.40	0.00	0.00	0.01	"
12		-118.60	MJM- 6-12			0.0	Τr	0.00	0.00	0.01	<i>"</i>
13		-119.60	MJM- 6-13			0.0	Ϋ́r	0.00	0.00	0.01	"
14		-120.60	MJM- 6-14			Ϋ́r	0.70	0.00	0.00	0.01	"
15		-121.60	MJM- 6-15			Τr	1.10	0.00	0.00	0.01	"
16		-122.60	MJM- 6-16		<del></del>	Τr	0.80	0.00	0.00	0.01	"
17		-123.60	MJM- 6-17			Tr	0.50	0.00	0.00	0.01	. //
18		-124.60	MJM- 6-18			0.0	Tr	0.00	0.00	0.01	"
19	1	-125.60	MJM- 6-19			0.0	Τr	0.00	0.01	0.01	"
20		-126.60	MJM- 6-20			Τr	0.80	0.01	0.0)	0.01	"
21		-127.60	MJM- 6-21			Tr	0.60	0.00	0.01	0.01	"
22		-128.60	мјм- 6-22			0.0	——-с Т г	0.00	0.00	0.01	"
23		-129.60	MJM- 6-23			0.0	Tr	0.00	0.00	0.01	"
24		-130.60	MJM~ 6-24			Τr	0.40	0.00	0.00	0.01	"
25		-131.60	M,M- 6-25			0.0	Ϋ́r	0.00	0.00	0.01	Py imp in p.t.
26		-132.60	MJM- 6-26			0.0	Tr	0.00	0.00	0.02	"
27		-133.60	MJM- 6-27			0.0	Ϋ́r	0.00	0.00	0.26	"
28		-134.60	MJM- 6-28			0.10	38.00	0.12	0.10	0.26	"
29		-135.60	MJM- 6-29			Tr	46.80	0.27	0.03	0.36	"
30		-136.60	мјм- 6-30	.		0.20	75.00	0.26	0.20	0.35	"
31		-137.60	MJM- 6-31			Тг	8.60	0.02	0.02	0.09	"
32	i	-138.60	MJM- 6-32			1.60	367.40	0.69	0.35	0.38	"
33		-139.60	MJM- 6-33			0.10	71.30	0.23	0.20	0.39	"
34		-140.60	MJM- 6-34	·		0.20	107.60	0.37	0.38	0.39	"
35		-141.60	MJM- 6-35			0.10	162.50	0.65	0.34	0.38	"
36		-142.60	MJM- 6-36	<u> </u>	ļ	Τr	150.80	0.56	0.57	0.35	"

										•	(2)
			,	Coord	linates	<u> </u>	Analytica	l Result	S .		
No.	Drill No.	Depth(m)	Sample No.	- x	γ	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Remarks
. 37	M,IM- 6	142.60-143.60	MJM- 6-37	13,430	11,860	Ϋ́r	33.60	0.10	0.17	0.39	Py imp in p.t.
38		-144.60	MJM- 6-38			Τr	46.80	0.20	0.35	0.26	"
39		-145.60	NJM- 6-39			Tr	221.80	0.69	0.37	0.10	"
40		-146.60	MJM- 6-40			Tr	36.50	0.11	0.18	0.38	"
41		-147.60	MJM- 6-41			Tr	10.00	0.02	0.05	0.39	"
42		-148.60	MJM- 6-42			0.10	93.30	0.25	0.38	0.37	
43		-149.60	MJM- 6-43			Τr	43.90	0.17	0.15	0.38	"
44	N.	-150.60	MJM- 6-44			0.10	100.20	0.34	0.05	0.12	-11
45		-151.60	MJM- 6-45			Ϋ́r	8.70	0.02	0.06	0.32	"
45		-152.60	MJM- 6-46			Ϋ́r	0.80	0.01	0.01	0.01	"
47		-153.60	MJM- 6-47			0.20	1.30	0.01	0.01	0.01	"
48		-154.00	MJM- 6-48			Tr	1.20	0.00	0.01	0.01	"
49		-155.00	M,IM- 6-49	`		Tr	1.60	0.05	0.01	0.01	. //
50		-156.00	MJM- 6-50			0.10	0.70	0.01	0.01	0.01	.11
51		-157.00	MIM- 6-51			0.60	0.70	0.01	0.02	0.01	" //
52		-158.00	NJM- 6-52			Ϋ́r	0.60	0.01	0.02	0.01	"
53		-159.00	MJM- 6-53			0.20	5.30	0.01	0.02	0.01	"
54		-160.00	M.IM- 6-54		:	Tr	0.90	0.01	0.02	0.01	"
55		-161.00	MJM- 6-55			Tr	0.80	0.01	0.01	0.01	//
56		-162.00	M.IM- 6-56			0.10	1.00	0.01	0.01	0.01	"
57		-163.00	MJM- 6-57			Tr	0.70	0.01	0.01	0.01	"
58	MJM- 7	247.00-248.00	MJM- 7- 1	11,780	11,260	0.10	31.50	0.14	0.19	0.36	Py imp in 1.t.
59		-279.00	MJM- 7- 2			0.70	46.60	0.20	0.32	0.24	"
60		-250.00	ИЈМ- 7-3			0.10	52,50	0.18	0.28	0.36	"
61		-251.00	MJM- 7- 4			0.10	60.40	0.21	0.33	0.32	"
62		-252.00	MJM- 7- 5			Tr	50.70	0.19	0.31	0.37	"
63		-253.00	MJM- 7- 6			1.10	44.20	0.15	0.25	0.34	<i>"</i>
64		-254.00	M.IM- 7- 7			0.10	63.70	0.28	0.38	0.08	"
65		-255.00	MJM- 7- 8			Τr	46.60	0.17	0.29	0.38	"
66		-256.00	ији- 7- 9			Tr	7.10	0.01	0.08	0.37	N
67		-257.00	MJM- 7-10			Тг	102.90	0.32	0.41	0.38	"
68		-258.00	MJM- 7-11			Tr	108.90	0.38	0.25	0.37	"
69		-259.00	MJM- 7-12			Tr	83.90	0.30	0.39	0.37	"
70		-260.00	MJM- 7-13			0.10	63.20	0.20	0.34	0.35	"
71		-261.00	MJM- 7-14			0.10	143.70	0.62	0.39	0.39	"
72		-262.00	MJM- 7-15	,		7 r	17.60	0.01	0.02	0.11	"

<u> </u>	<u> </u>			Coord	linates		Analytica	l Result	s		
No.	Drill No.	Depth(m)	Sample No.	- X	Y	Au (g/t)			Ph (%)	Zn (%)	Remarks
73		262.00-263.00	MJM- 7-16	11,780	11,260	Tr	93,50	0.01	0.09	0.13	Py imp in l.t.
74		-264.00	MJM- 7-17			Τr	6.40	0.32	0.23	0.37	.//
75	MJM- 8	240.50-241.50	MIM- 8- 1	9,690	9,410	Τr	0.60	0.06	0.02	0.02	"
76		-242.50	MJM- 8- 2			Т г	0.40	0.03	0.02	0.02	"
77		-243.50	MIM- 8- 3			Tr	0.40	0.03	0.02	0.03	"
- 78	MJM- 8	274.70-275.70	M.M- 9- 1	11,180	9,780	Ϋ́r	1.90	0.02	0.04	0.35	Py imp in s.s.& sh.
79		-276.70	MIM- 9- 2			0.0	Tr	0.01	0.02	0.34	Py imp in sh.
80		-277.70	MJM- 9- 3			0.0	Ϋ́r	0.01	0.02	0.37	"
81		-278.70	M.IM- 9- 4			Тr	0.90	0.01	0.02	0.38	"
. 82		-279.70	MJM- 9- 5			0.10	5.50	0.01	0.04	0.40	, W
83		-280.70	MJM- 9- 6			0.20	20.20	0.02	0.06	0.40	<i>"</i>
84		-281.70	MJM- 9- 7			2.50	18.80	0.01	0.06	0.26	Py imp in f.t.
85		-282.70	MJM- 9-:8			14.30	44.90	0.02	0.72	0.40	"
86		-283.70	мјм- 9- 9			2.80	40.40	0.01	0.06	0.32	"
87		-284.70	MJM- 9 10			5.60	244.70	0.02	0.17	0.38	<i>"</i>
88		-285.70	MJM- 9-11			1.20	23,60	0.03	0.08	0.39	"
89		-286.70	MIM- 9-12			2.80	23.10	0.00	0.05	0.19	"
90		-287.70	MJM- 9-13			2.00	9.70	0.00	0.03	0.12	//
91		-288.70	MJM- 9-14			2.10	10.80	0.01	0.02	0.09	: // ·
92	·	-289.70	MJM- 9-15			1.20	9.20	0.01	0.02	0.07	"
93		-290.70	MJM- 9-16			1.40	10.20	0.01	0.02	0.08	"
94		-201.70	MJM- 9-17		an apag gayan Abad as Abb Abb .	0.80	6.30	0.01	0.02	0.08	"
95		-292.70	МЈМ9-18		,	0.90	16.10	0.01	0.02	0.11	"
96		-293.70	MJM- 9-19			2.50	41.70	0.07	0.03	0.16	"
97		-294.70	MJM- 9-20			1.10	5.10	0.01	0.02	0.13	//
98		-295.70	MJM- 9-21			1.20	3.80	0.01	0.02	0.10	"
99		-296.70	MJM- 9-22			1.00	3.40	0.01	0.01	0.08	//
100		-297.70	MJM- 9-23	<del></del> -		0.20	2.20	0.01	0.01	0.06	"
101		-298.70	MJM- 9-24	· <b></b>		Tr	2.20	0.01	0.01	0.07	"
102		-299.70	MJM- 9-25		<u> </u>	0.10	0.50	0.01	0.02	0.13	. //
103		-300.70	MJM- 9-26	_		0.10	1.40	0.01	0.02	0.20	<i>"</i>
104		-301.70	MJM- 9-27			Tr	0.80	0.01	0.02	0.13	//
105	:	-302.70	MJM- 9-28			Ϋ́r	.0.90	0.01	0.16	0.08	"
106	1.4	-303.70	MJM- 9-29		·	· Т г	0.70	0.01	0.02	0.07	"
107		-304.70	MJM- 9-30		·	Тг	0.50	0.01	0.01	0.06	. //
108		-305.70	MJM- 9-31		<u> </u>	0.10	1.20	0.01	0.01	0.05	"

			1	Coord	linates		Analytica	l Result	s		_
No.	Drill No.	Depth(m)	Sample No.	- X	γ	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Remarks
109	M,IM- 9	305.70-306.70	MJN- 9-32	11,180	9,780	Ϋ́ r	1.70	0.01	0.01	0.08	Py imp in f.t.
110		-307.60	мјм- 9-33			0.10	1.50	0.01	0.01	0.25	11
111		293.45-293.60	мји- 9-34			7.80	1.108	1.15	16.2	32.2	Massive sulphide ore
112	MJM-10	314.20-315.20	MJM-10- 1	11,850	9,960	0.10	1.10	0.04	0.02	0.07	Py imp in sh.
113		-316.20	MJN-10- 2			Τr	0.50	0.03	0.02	0.03	"
114		-317.20	MJM-10- 3			Tr	1.90	0.03	0.02	0.03	"
115	MJM-11	129.60-130.60	MJH-11- 1	11,550	10,420	Tr	0.80	0.01	0.01	0.01	Py imp in f.t.
116		-131.60	<b>พ.</b> มห-11- 2			Tr	0.50	0.01	0.01	0.01	"
117		-132.60	MJM-11- 3			Τr	1.00	0.01	0.01	0.02	"
118		-133.60	MJM-11- 4			0.20	7.40	0.05	0.01	0.02	"
119		-134.60	MJM-11- 5			0.10	1.30	0.02	0.02	0.02	Py imp in l.t.
120		-135.60	MJM-11- 6			Tr	0.50	0.02	0.02	0.01	"
121		-136.60	МЈМ-11- 7			Tr	0.30	0.02	0.02	0.02	"
122		-137.60	мјм-11- 8			Ϋ́r	0.50	0.02	0.02	0.02	"
123		-138.60	мји-11- 9			'f r	1.10	0.01	0.01	0.01	
124		-139.60	MJM-11-10			Tr	1.80	0.01	0.02	0.01	: //
125		-140.60	MJH-11-11			0.10	0.80	0.01	0.02	0.01	"
126		-141.60	MJM-11-12			0.20	0.60	0.01	0.02	0.01	"
127		-142.60	MJM-11-13			0.10	1.00	0.01	0.01	0.01	<i>"</i>
128		-143.60	MJM-11-14			Tr	0.90	0.01	0.01	-0.01	"
129		-144.60	M,im-11-15			Tr_	1.00	0.01	0.02	0.01	"
130		-145.60	MJM-11-16	<u>-</u>		0.20	1.30	0.01	0.02	0.01	"
131		-146.60	мјн-11-17			0.10	0.60	0.01	0.02	0.01	// ·
132		-147.60	MJM-11-18			Tr	0.40	0.01	0.02	0.01	. "
133		-148.60	MJM-11-19			Tr	0.50	0.01	0.01	0.01	"
134		-149.60	MJM-11-20	<u></u>		0.00	Tr	0.01	0.02	0.01	"
135		-150.60	MJM-11-21			Tr	0.60	0.01	0.01	0.01	"
136		-151.60	MJM-11-22			Tr	0.30	0.01	0.02	0.01	"
137	<u></u>	-152.60	мјм-11-23			0.20	2.30	0.01	0.03	0.01	" "
138		-153.60	MJM-11-24			Tr	1.00	0.01	0.03	0.01	"
139		-154.60	мјм-11-25			0.10	1.40	0.01	0.03	0.01	"
140		-155.60	MJM-11-26	<u>-</u> _		Tr	0.50	0.01	0.02	0.01	"
141		-156.60	MJM-11-27			Tr	0.40	0.01	0.02	0.01	. //
142		-157.60	MJM-11-28			0.00	Tr_	0.01	0.02	0.03	Py imp in p.t.
143		-158.60	MJM-11-29		,— <u> </u>	0.00	Tr	0.02	0.02	0.03	"
144		-159.60	MJM-11-30			Tr	0.90	0.01	0.01	0.01	"

Γ			1	Coord	inates		Analytica	ıl Result	s	<u></u>	
No.	Drill No.	Depth(m)	Sample No.	- X	Y	Au (g/t)	Ag (g/1)		Pb (%)	Zn (%)	Remarks
145	MJM-11	159.60-160.60	MJM-11-31	11,550	10,420	0.00	Tr	0.01	0.01	0.01	Py imp in p.t.
146	MJM-12	49.40- 50.40	MJM-12- 1	12,600	11,400	0.00	Tr	0.01	0.01	0.01	- "
147		- 51.40	MJM-12- 2		*******	Ϋ́r	0.80	0.01	0.01	0.02	"
148	*	- 52.40	MJN 12- 3		to Statement	Ϋ́r	1.00	0.01	0.01	0.01	"
149		- 53.40	MJM-12- 4		********	0.10	0.50	0.01	0.01	0.01	"
150		- 54.40	MJM-12- 5			0.20	0.80	0.01	0.01	0.01	//
151		- 55.40	M,IM-12- 6			Ϋ́r	0.40	0.01	0.01	0.01	"
152		- 56.40	M,IN-12- 7			Tr	1.10	0.01	0.01	0.01	"
153		- 57.40	MJM-12- 8			Τr	0.80	0.01	0.01	0.01	"
154		- 58.40	MJN-12- 9			0.40	0.90	0.01	0.01	0.01	"
155		- 59.40	MJM-12-10			Tr	0.70	0.02	0.02	0.12	"
156		- 60.40	MJM-12-11			0.00	Τr	0.01	0.01	0.01	"
157		220.00-221.00	MJM-12-12			Τr	0.60	0.01	0.00	0.01	"
158		-222.00	MJM-12-13			0.10	0.30	0.01	0.01	0.01	"
159		-223.00	MJN-12-14			0.10	0.40	0.01	0.01	0.01	. //
160		-224.00	MJM-12-15			Tr	0.50	0.01	0.00	0.01	//
161		-225.00	MJM-12-16		-	0.20	0.80	0.01	0.00	0.01	"
162		-226.00	NJM-12-17			Tr	0.40	0.01	0.00	0.01	"
163		-227.00	MJM-12-18			Τr	0.50	0.01	0.01	0.01	"
164		-228.00	MJM-12-19			Tr	0.40	0.01	0.00	0.01	"
165		-229.00	NJM-12-20			0.00	Tr	0.01	0.01	0.01	"
166		-230.00	MJM-12-21			0.00	Tr	0.01	0.00	0.01	"
167		-231.00	MJM-12-22			0.50	2.40	0.01	0.00	0.01	"
168		-232.00	MJM-12-23			Тr	0.40	10.0	0.01	0.01	"
169		-233.00	MJM-12-24			Tr	0.50	0.01	0.01	0.01	
170		-234.00	MJM-12-25			0.00	Tr	0.01	0.01	0.01	"
171		-235.00	MJM-12-26	,,,,		0.00	Tr	0.01	0.00	0.01	"
172		-236.00	MJM-12-27	<u>.</u>		0.00	"ተ г	0.01	0.01	0.00	"
173		-237.00	MJM-12-28		· 	ገፐ	1,30	0.01	0.01	0.01	, //
174		-238.00	MJM-12-29			Tr	0.50	0.01	0.01	0.01	"
175		-239.00	MJM-12-30		·	0.00	Тr	0.01	0.01	0.01	"
176		-240.00	MJM-12-31			Tr	0.70	0.01	0.01	0.01	"
177		-241.00	MJM-12-32			0.00	Tr	0.01	0.01	0.01	"
178		-242.60	MJM-12-33			Tr	0.40	0.01	0.01	0.01	"
179		-243.00	MJM-12-34			0.00	Тr	0.01	0,00	0.01	"
180		-244.00	MJM-12-35			0.00	Tr	0.01	0.01	0.01	"

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No.	Orill No.	Depth(m)	Sample No.	- X	γ	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Remarks
181	MJM-12	244.00-245.00	MJM-12-36	12,630	11,400	0.10	0.70	0.01	0.00	0.01	Py imp in p.t.
182		-246.00	MJM-12-37		·	0.10	2,60	0.01	0.01	0.01	"
183		-247.00	MJM-12-38	<del></del>		Tr	0.40	0.01	0.01	0.01	"
184		-248.00	MJM-12-39			Tr	1.00	0.02	0.01	0.01	"
185		250.00-251.00	MJM-12-40			Tr	0.50	0.02	0.01	0.01	"
186		-252.00	MJM-12-41			T r	0.40	0.02	0.01	0.01	"
187		-253.00	MJM-12-42			Tr	0.30	0.01	0.01	0.01	. "
881		323.20-324.20	MJM-12-43		1	Tr	0.80	0.01	0.01	0.00	Py imp in f.t.
189		-325.20	MJM-12-44			0.10	0.60	0.01	0.01	0.01	"
190		-326.20	MJM-12-45			0.10	0.90	0.01	0.01	0.01	"
191		-327.20	MJM-12-46			Τr	0.40	0.01	0.01	0.01	"
192		-328.20	MJM-12-47			7 T	0.60	0.01	0.01	10.0	"
193		-329.20	MJM-12-48			0.00	Tr	0.01	0.01	0.00	"
194		-330.20	MJM-12-49			0.00	Tr	0.02	0.01	0.01	"
195		-331.20	MJM-12-50			Tr	0.50	0.01	0.01	0.00	"
198		-332.20	MJM-12-51			Tr	0.70	0.01	0.03	0.01	"
197		-333.20	M.M-12-52			Tr	0.90	0.01	0.01	0.01	"
198		-334.20	MJN-12-53		- *************************************	0.00	Tr	0.01	0.01	0.01	//
199		-335.20	MJM-12-54			0.00	Τr	0.01	0.01	0.01	" .
200		-336.20	MJM-12-55			Tr	1.10	0.00	0.01	0.01	"
201		-337.20	MJN-12-56			Tr	0.60	0.00	0.01	0.01	"
202		-338.20	MJM-12-57			0.10	3.50	0.00	0.01	0.01	//
203		-339.20	MJM-12-58			Τr	0.70	0.00	0.01	0.01	"
204		-340.20	MJM-12-59,			Ϋ́r	0.50	0.00	0.01	0.01	"
205		-341.20	MJM-12-60			Ϋ́r	0.40	0.00	0.01	0.01	"
206		-342.20	MJM-12-61			0.00	Тг	0.00	0.01	0.01	"
207		-343.20	MJM-12-62			Тr	0.50	0.00	0.01	0.01	"
208		-344.20	MJM-12-63		<u></u>	0.10	0.80	0.00	0.02	0.02	"
209		-345.20	MJM-12-64			Tr.	0.60	0.01	0.02	0.01	"
210		-346.20	MJM-12-65			Tr	0.80	0.01	0.02	0.02	"
211		-347.20	MJM-12-66			0.00	Tr	0.01	0.02	0.01	"
212		-348.20	MJM-12-67			Tr	0.80	0.01	0.02	0.01	"
213		-349.20	MJM-12-68			Tr	0.30	0.01	0.02	0.01	"
214		-350.20	MJM-12-69			Tr	0.70	0.01	0.02	0.02	"
215		-351.20	MJM-12-70			Tr	0.80	0.01	0.02	0.01	"
216		-352.20	MJM-12-71			Tr	0.90	0.01	0.02	0.01	"

Py: pyrite p.t.: pumice tuff f.t.: fine tuff i.t.: lapilli tuff do.: dolerite sh.: shale

## APX.7 Analytical Results of X-ray Powder Diffractometry of Drill Cores

## Abbreviation

Qz: Quartz, Pl: Plagioclase, Kf: K-feldspar, Se: Sericite, Ch: Chlorite, Ca: Calcite, Py: Pyrite

Mo: Montmorillonite, Lmt: Laumontite, Mrd: Mordenite, Ka: Kaolinite

*2: Quartz Index (QI)

 $QI = \frac{Im}{Iq} \times 100,$ 

Im: the strongest X-ray intensity of a mineral.

Iq: the strongest X-ray intensity of pure quartz.

APX.7 Analytical Results of X-ray Powder Diffractometry of Drill Cores

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