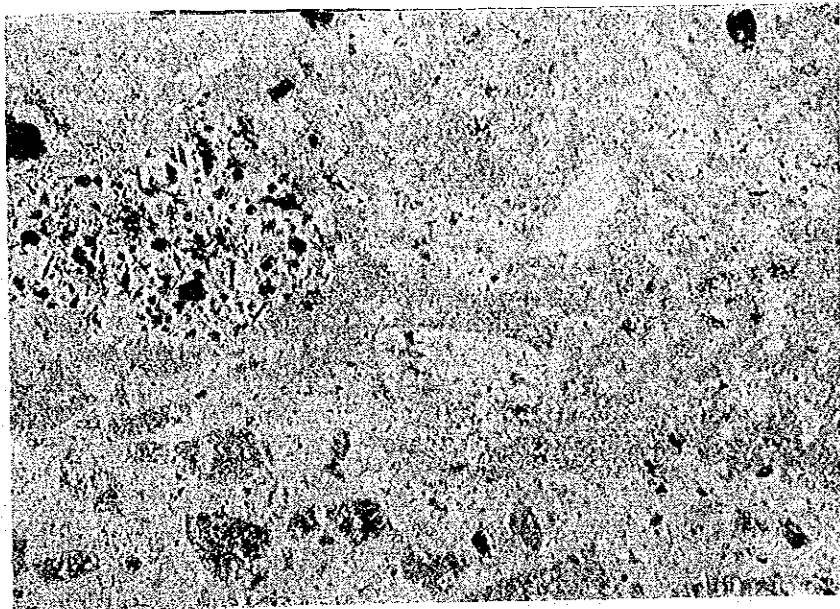
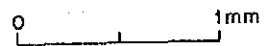


open nicol



crossed nicols



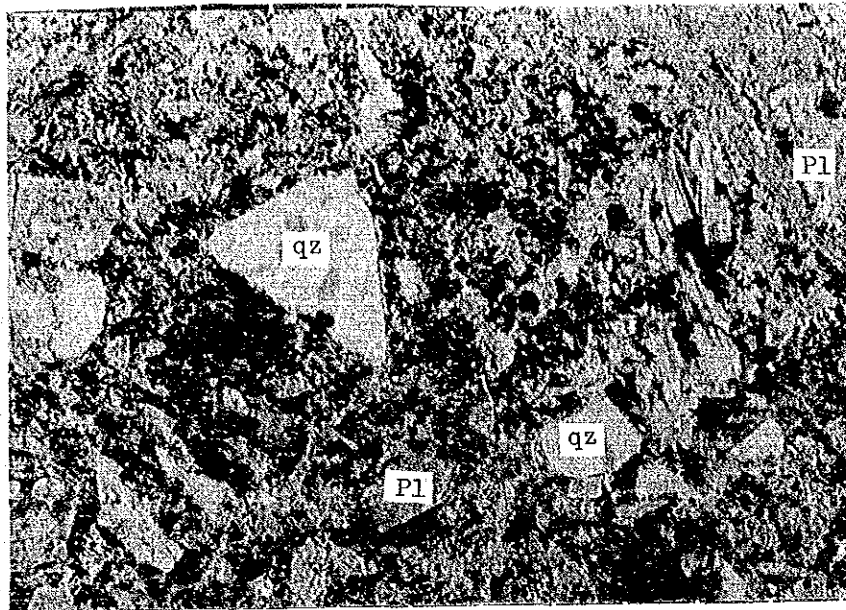
(7) Sample No : MJP-13-1T

Location : E=680.455 N=8330.305

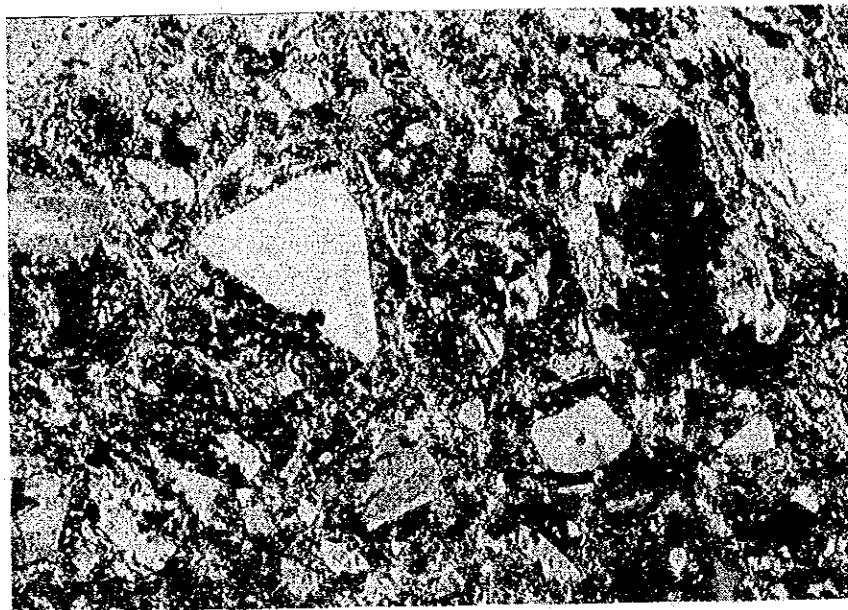
Rock name : andesite (autbrecciated)

Texture : porphyritic, hyalopilitic

Remarks : rock fragment...porphyritic andesite
matrix...porphyritic andesite, intersertal texture
sericitization



open nicol



crossed nicols

0 1mm

(8) Sample No. : MJP-11-2T

Location : E=680.315 N=8331.305

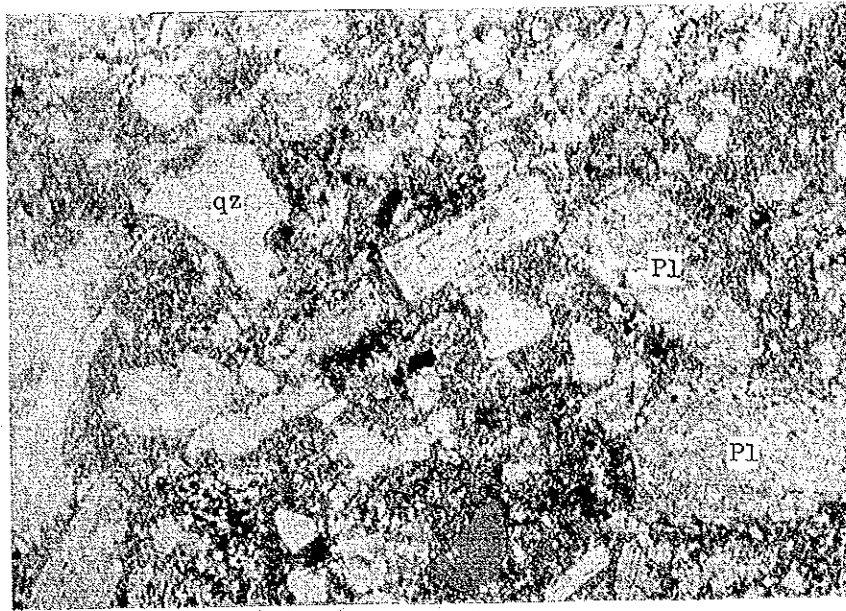
Rock name : dacitic tuff~lapilli tuff

Texture : matrix...felsitic

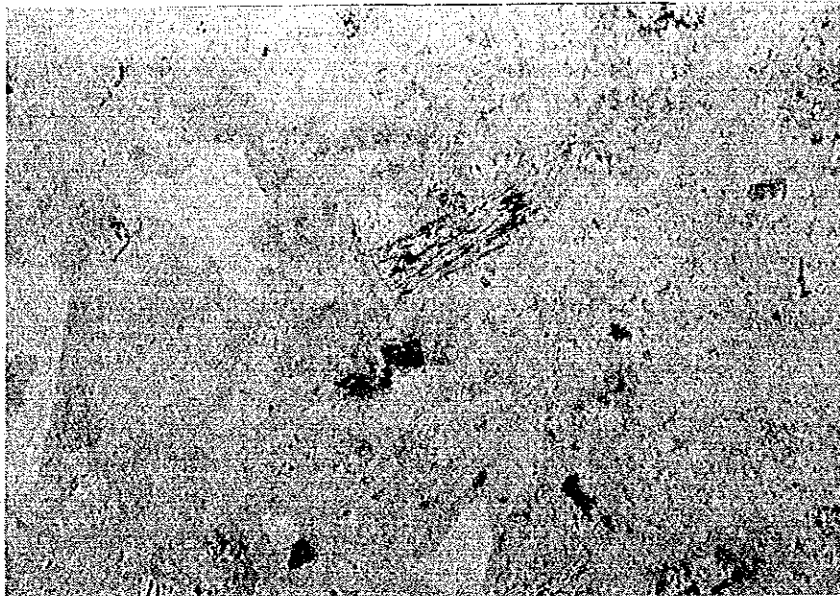
Remarks : crystal fragments...pl > qz

rock fragment...dc

matrix...fine pl+qz (recrystalline of glass)



open nicol



crossed nicols

0 1mm

(9) Sample No. : MJP-12-2T

Location : E=680.023 N=8331.110

Rock name : dacitic tuff~lapilli tuff

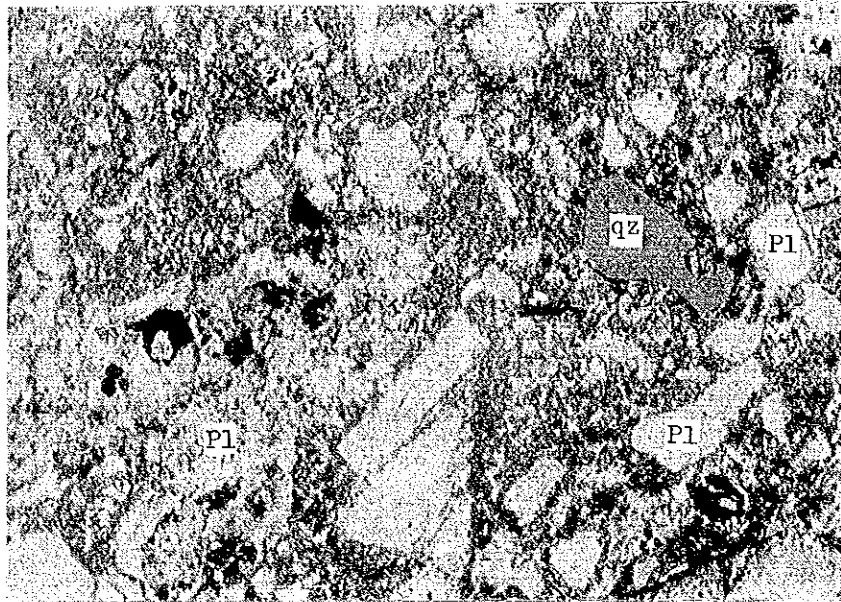
Texture : matrix...hyalopilitic~felsitic

Remarks : crystal fragments...pl>qz>mafic mineral, oq

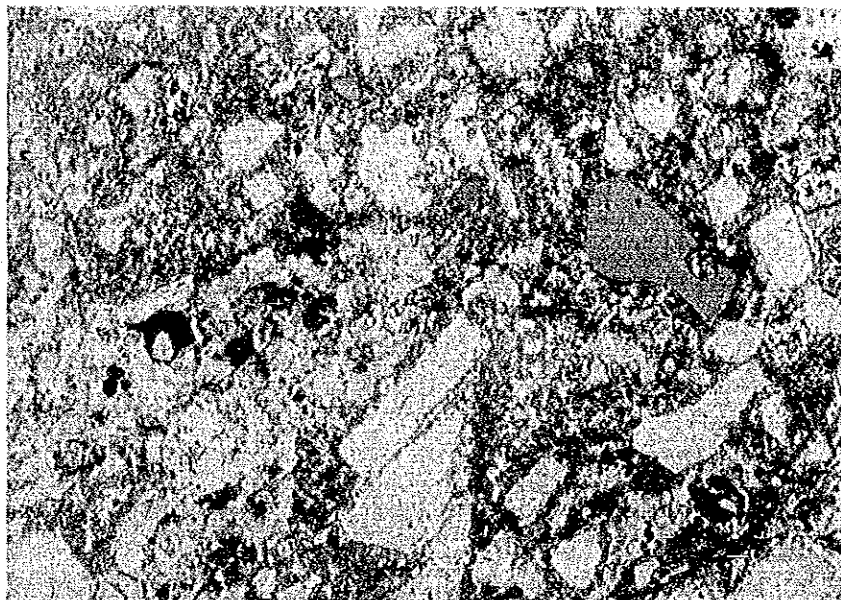
rock fragment...au, dc

matrix...gl>>pl, qz

ca+se+ze+ch



open nicol



crossed nicols

0 1mm

(10) Sample No : MJP-12-3T

Location : E=680.023 N=8331.110

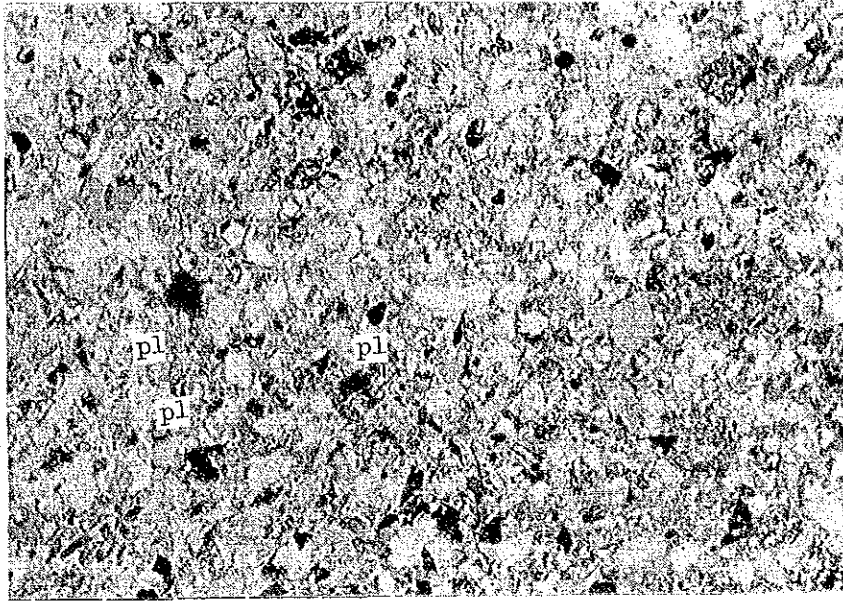
Rock name : andesitic tuff with green pumice

Texture : matrix...hyalopilitic~felsitic

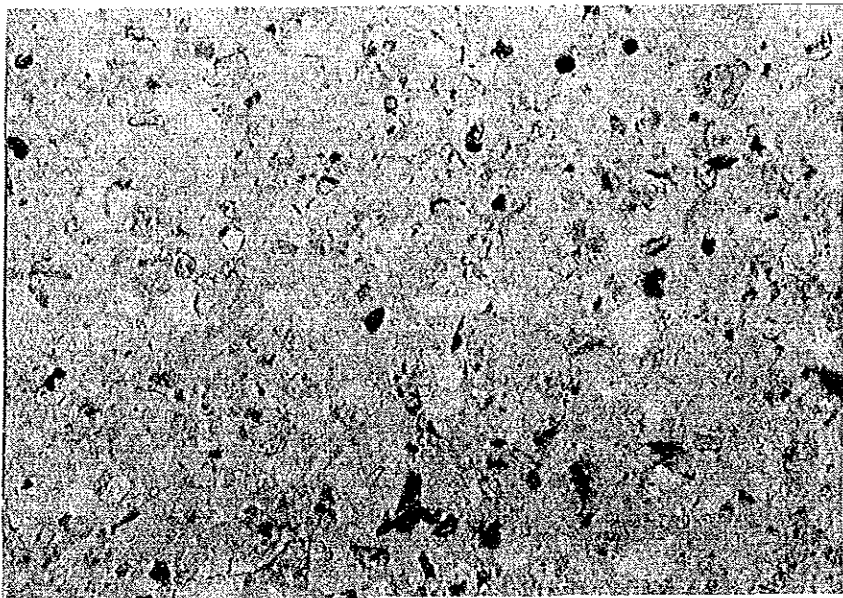
Remarks : crystal fragments : pl>qz> mafic mineral, oq

rock fragments : dc

matrix...gl → pl+qz (devitrification)



open nicol



crossed nicols

0 1mm

(11) Sample No. : MJP-13-2T

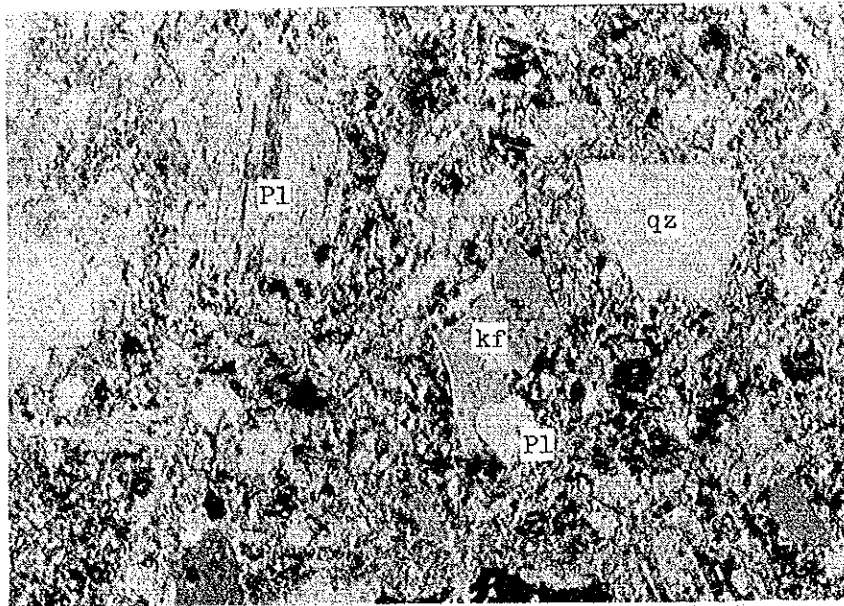
Location : E=680.455 N=8330.305

Rock name : calcareous fine sandstone

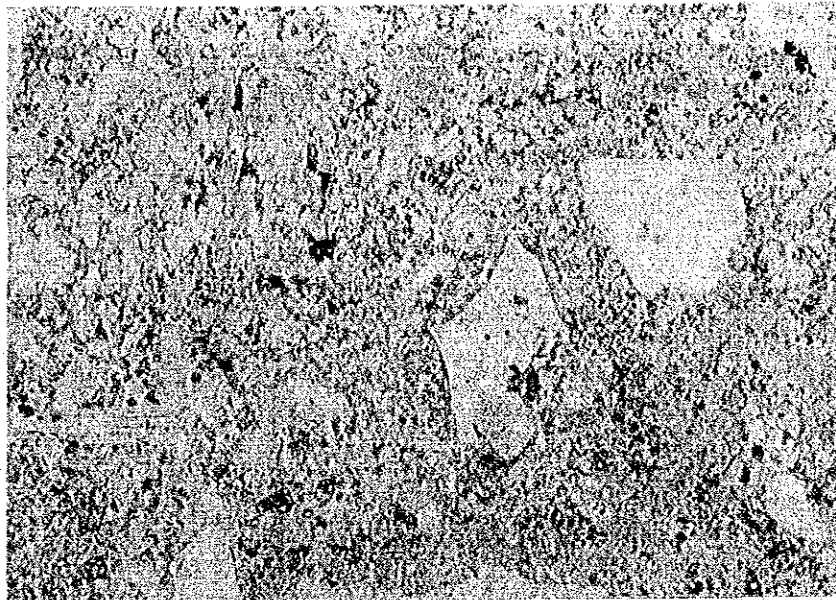
Remarks : crystal fragments...qz, ca, pl, se, oq

rock fragment...dc

matrix...se+ch+ (ca)



open nicol



crossed nicols

0 1mm

(12) Sample No. : MJP-13-3T

Location : E=680.455 N=8330.305

Rock name : dacitic tuff~lapilli tuff

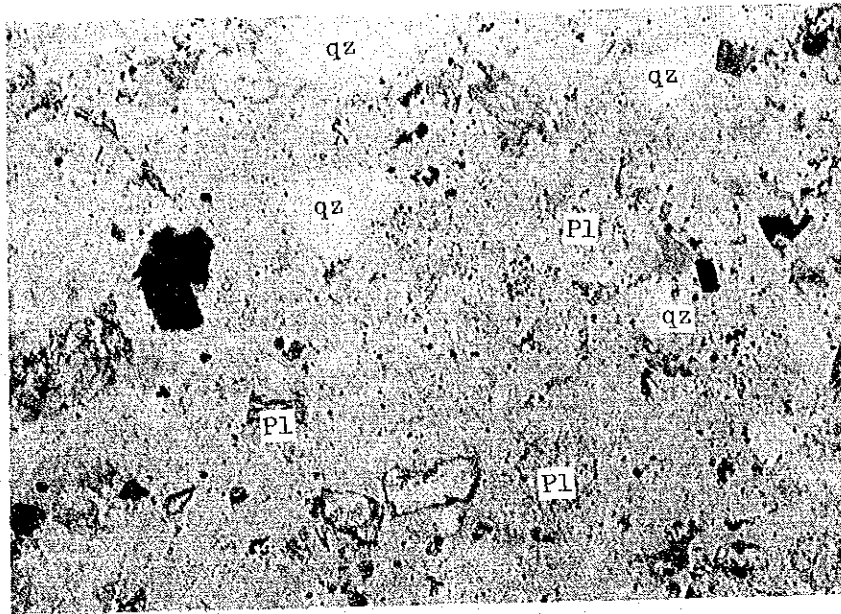
Texture : matrix...felsitic

Remarks : crystal fragment...qz>pl>kf, mafic mineral

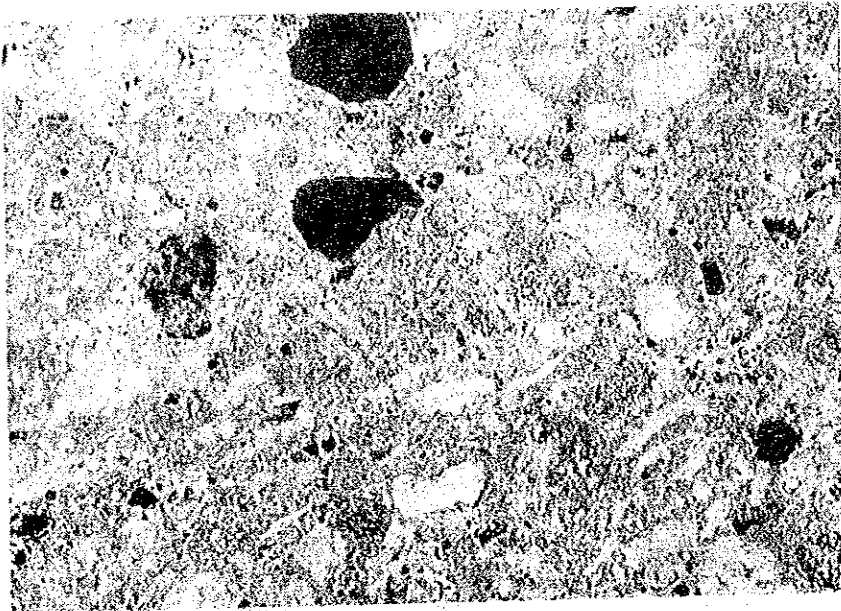
mafic mineral→se, ch

rock fragment...an→ca+se+ch

matrix...qz, pl, gl



open nicol



crossed nicols

0 1mm

(13) Sample No : MJP-13-4T

Location : E=680.455 N=8330.305

Rock name : dacitic lapilli tuff~tuff breccia

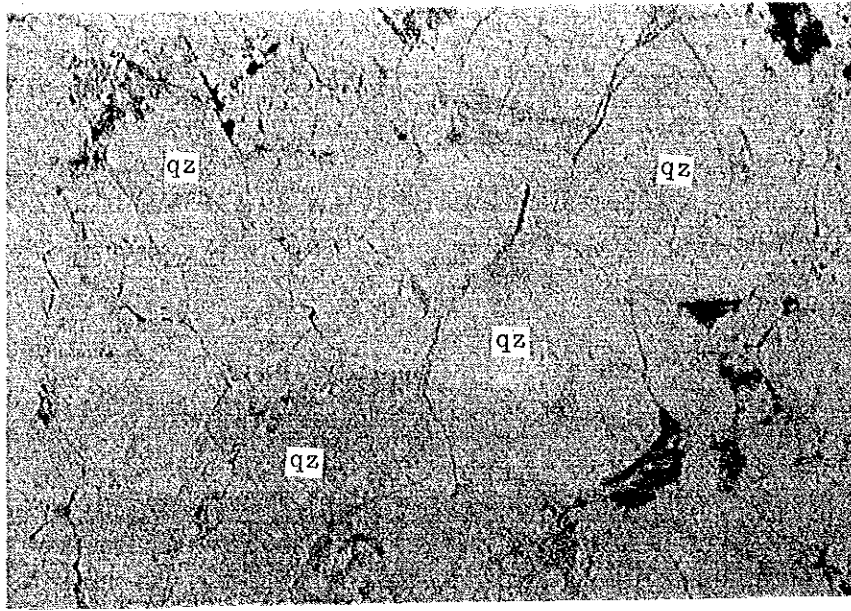
Texture : matrix...cryptocrystalline

Remarks : crystal fragment...qz>pl>mafic mineral

rock fragment...an, dc

mafic...very fine→se

※chloritization, sericitization



open nicol



crossed nicols

0 1mm

(14) Sample No. : MJP-14-1T
Location : E=683.210 N=8321.835
Rock name : quartz arenite
Texture : mosaic
Remarks : qz (subround grains)

Apx. 3 Microscopic Observations of Polished Sections

Abbreviations

Mineral

El : electrum	Th : tetrahedrite
Ar : argentite	Tn : tennantite
Po : polybasite	Hm : hematite
Pc : pearceite	Lm : limonite
Cp : chalcopyrite	Fe : Fe mineral (oxide or hydroxide)
Ga : galena	Fe (Mn) : Fe-Mn mineral (oxide ?)
Sp : sphalerite	KFe : K-Fe-S mineral
Py : pyrite	Zr : Zircon
Cv : covellite	Ti : Ti mineral
Mn : Mn-Fe mineral	Ru : rutile

⊙ : abundant

○ : common

• : minor

Ap. 4 Quantitative Analyses of Ore Mineral by Electron Probe Microanalyzer

Element	Mineralized Zone of Northern Part						Mineralized Zone of Southern Part		
	MJP-12-IP			N3-2P			SN-9-1P		
	El (1)	El (2)	Ar (1)	Ar (2)	Ar (3)	Pc (1)	Pc (2)	Pc (3)	
Au	51.54	51.54	-	-	-	-	-	-	
Ag	48.35	46.74	87.50	83.79	85.52	74.02	71.12	73.36	
Cu	-	-	1.47	2.23	0.29	7.19	7.38	6.64	
Zn	-	-	0.20	0.19	0.20	0.17	0.19	0.49	
As	-	-	0.68	0.17	0.36	6.21	6.74	6.77	
Sb	-	-	0.05	0.01	0.02	0.06	0.20	0.88	
S	-	-	12.99	13.81	13.15	13.07	14.08	14.10	
Total	99.89	98.29	102.89	100.21	99.55	100.73	99.70	102.24	
Au	36.86	37.65	-	-	-	-	-	-	
Ag	63.14	62.35	64.79	62.24	65.22	53.06	50.37	51.16	
Cu	-	-	1.85	2.81	0.38	8.75	8.87	7.86	
Zn	-	-	0.25	0.24	0.26	0.21	0.22	0.56	
As	-	-	0.72	0.18	0.40	6.41	6.87	6.79	
Sb	-	-	0.03	0.01	0.01	0.04	0.13	0.54	
S	-	-	32.36	34.51	33.73	31.53	33.54	33.08	
Total	100	100	100	99.99	100	100	100	99.99	

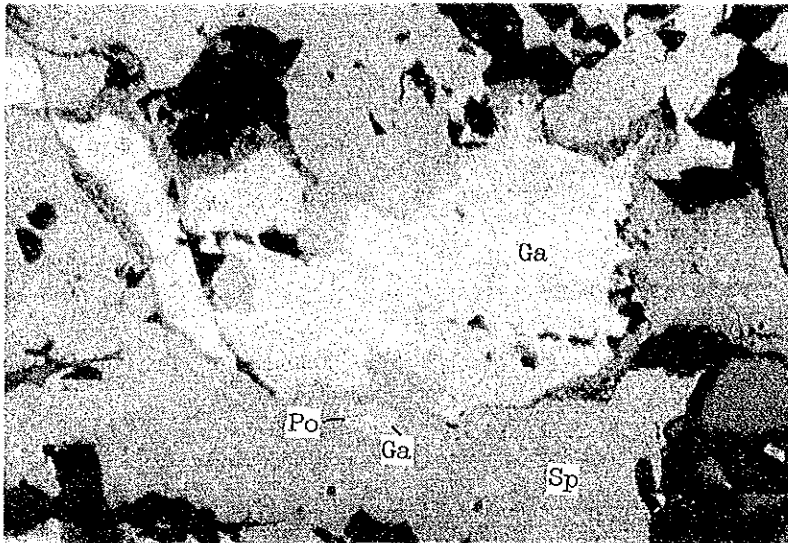
El : electrum, Ar : argentite, Pc : pearceite

Apx. 5 Photomicrographs of Polished Sections

Abbreviations

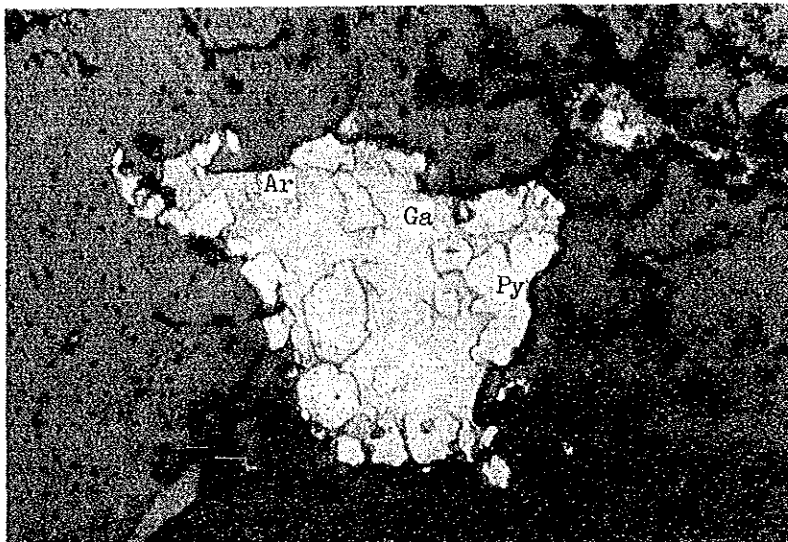
Mineral

El : electrum	Th : tetrahedrite
Ar : argentite	Tn : tennantite
Po : polybasite	Hm : hematite .
Pc : pearceite	Lm : limonite
Cp : chalcopyrite	Fe : Fe mineral (oxide or hydroxide)
Ga : galena	Fe (Mn) : Fe-Mn mineral (oxide ?)
Sp : sphalerite	KFe : K-Fe-S mineral
Py : pyrite	Zr : Zircon
Cv : covellite	Ru : rutile
Mn : Mn-Fe mineral	



(1) Sample No : N3-2P@
 Location : E=680.260
 N=8330.865
 Type of Ore :Silicified rock
 with
 dissemination of
 Sp>Py>Ga>>Cp
 Remarks : Po ; Ag - (Cu)
 - (Zn) -Sb
 -S

crossed nicols

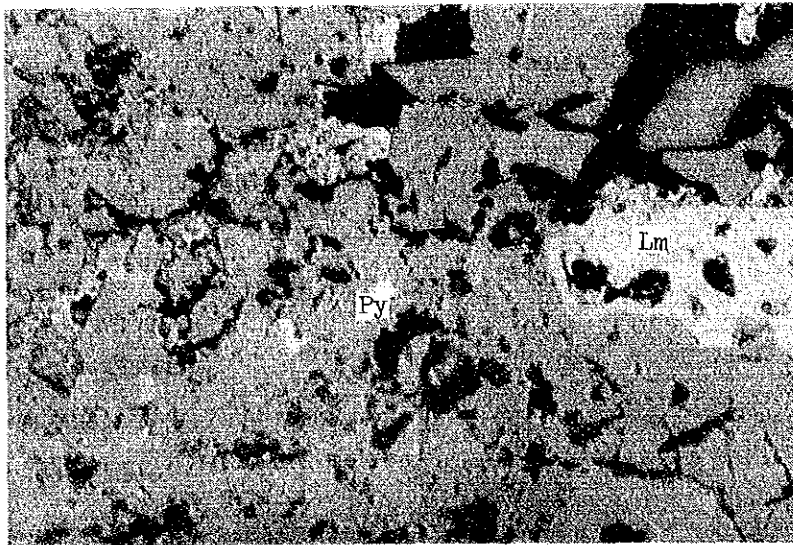


(2) Sample No : N3-2P@
 Location : E=680.260
 N=8330.865
 Type of Ore :Silicified rock
 with
 dissemination of
 Sp>Py>Ga>>Cp
 Remarks :

Ar ; Ag 85.52, Cu 0.29,
 Zn 0.20, As 0.36, Sb 0.02,
 S 13.15,
 Total 99.55wt%
 Ag 65.22, Cu 0.38, Zn 0.26,
 As 0.40, Sb 0.01,
 S 33.73at%

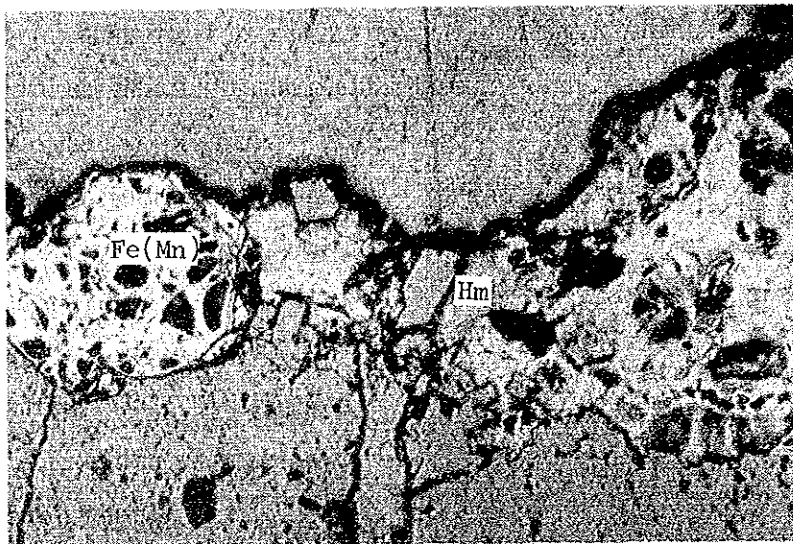
crossed nicols

0 0.01mm



(3) Sample No : S5-5P①
 Location : E=680.580
 N=8330.285
 Type of Ore : altered rock
 with blackish
 brown clay
 Remarks : Py, Lm

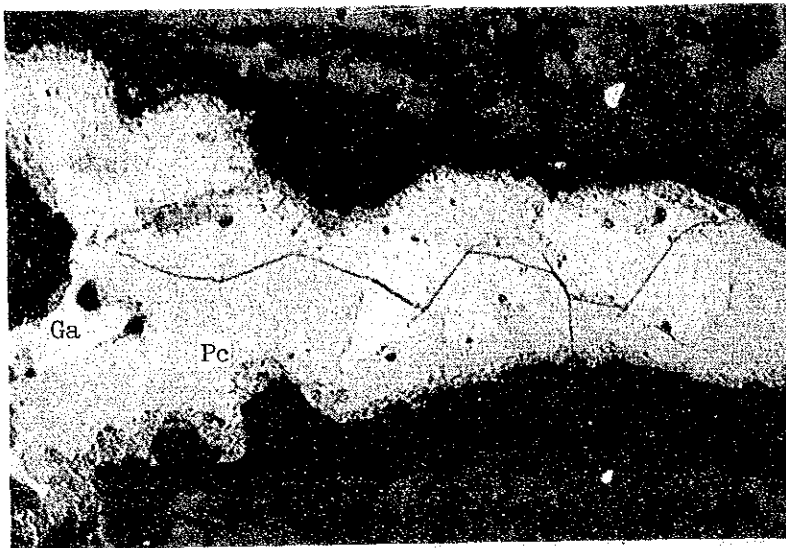
open nicol



(4) Sample No : S5-5P②
 Location : E=680.580
 N=8330.285
 Type of Ore : altered rock
 with blackish
 brown clay
 Remarks :
 Fe (Mn) ; Fe- ((Si)) -
 ((Mn)) -S
 Mn ; Mn-Fe- ((Ti))
 - ((Ca ?)) - ((Zn))
 - ((S)) - (K)

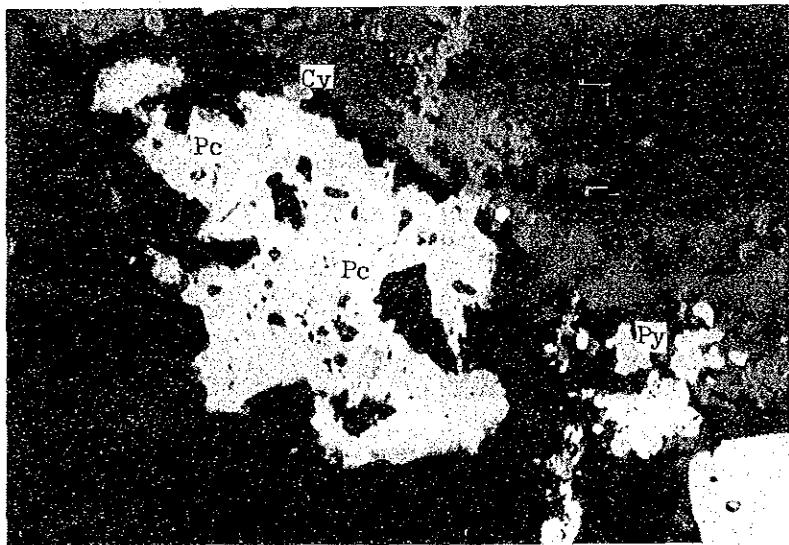
open nicol

0 0.01mm



open nicol

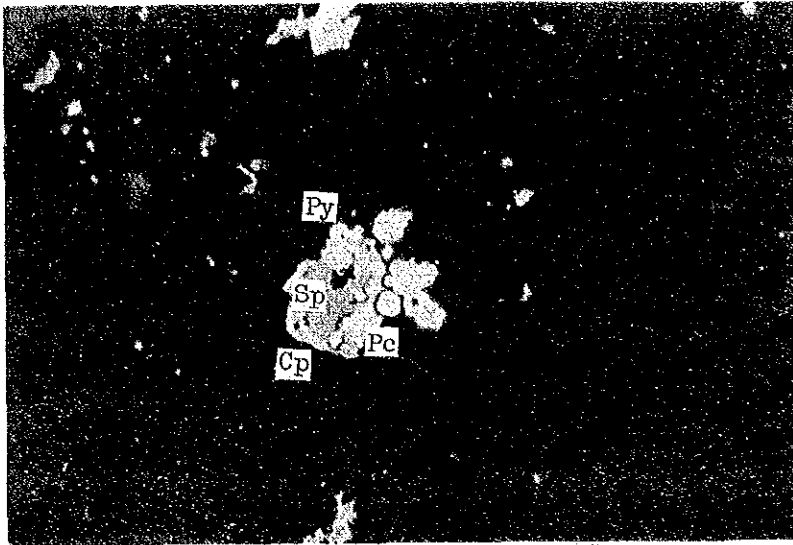
(5) Sample No : SN9-1P①
 Location : E=680,615
 N=8330,210
 Type of Ore :Sp-Ga-quartz
 vein
 Remarks : Ga, Pc
 Pc : fine vein let
 (1mm×0.3mm)
 Pc : Ag 73.36, Cu 6.64,
 Zn 0.49, As 6.77,
 Sb 0.88, S 14.10
 Total 102.24wt%
 Ag 51.16, Cu 7.86,
 Zn 0.56, As 6.79,
 Sb 0.54, S 33.08.at%



open nicol

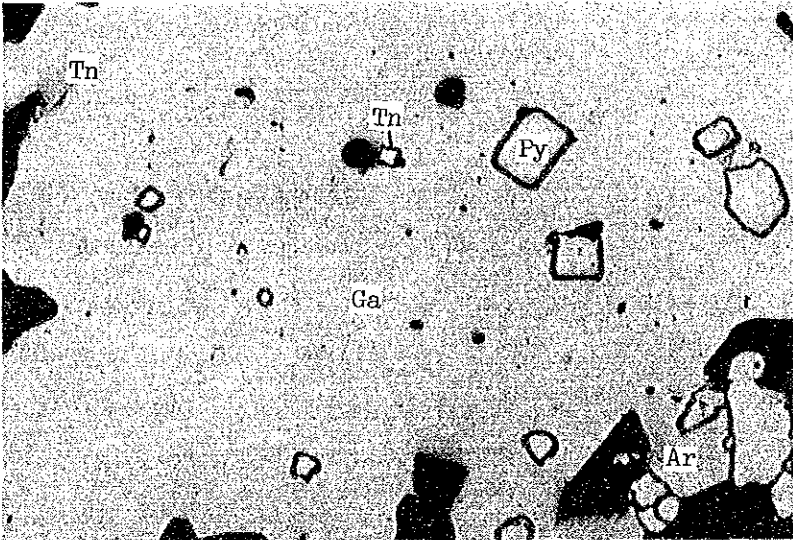
0 0.01mm

(6) Sample No : SN9-1P②
 Location : E=680,615
 N=8330,210
 Type of ore :Sp-Ga-quartz
 vein
 Remarks : Pc>Py, Cv
 Pc : Ag 74.02, Cu 7.19,
 Zn 0.17, As 6.21,
 Sb 0.06, S 13.07,
 Total 100.73wt%
 Ag 53.06, Cu 8.75,
 Zn 0.21, As 6.41,
 Sb 0.04, S 31.53at%



(7) Sample No : SN9-1P①
 Location : E=680.615
 N=8330.210
 Type of Ore :Sp-Ga-quartz
 vein
 Remarks : Sp, Py, Pc, Cp
 Pc ; Ag-Cu-
 ((Fe)) -Sb-As-S

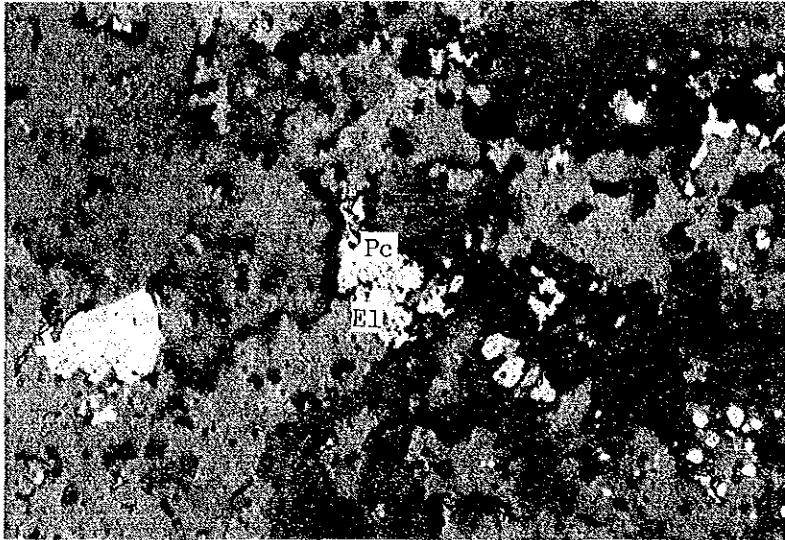
open nicol.



(8) Sample No : SN9-1P①
 Location : E=680.615
 N=8330.210
 Type of Ore :Sp-Ga-quartz
 vein
 Remarks : Ga, Py, Tn, Ar
 Ar ; Ag- (Cu) - ((As)) -S
 Tn : Ag-Cu-As- ((Sb)) -S

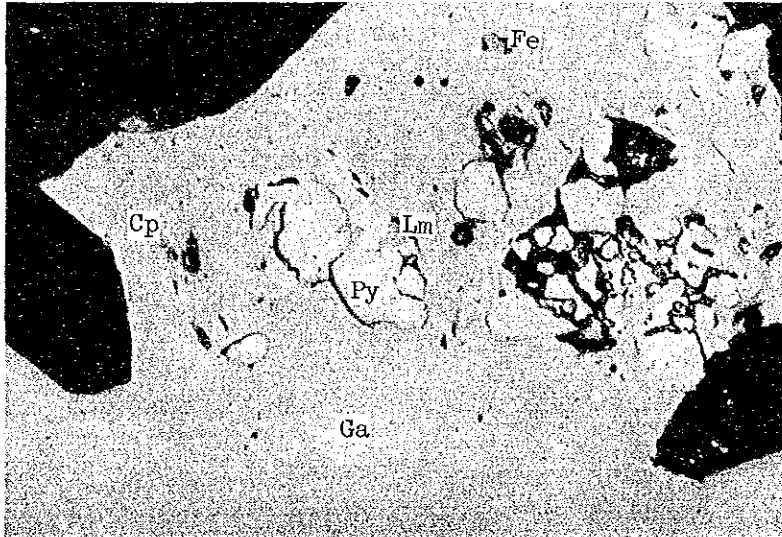
open nicol

0 0.01mm



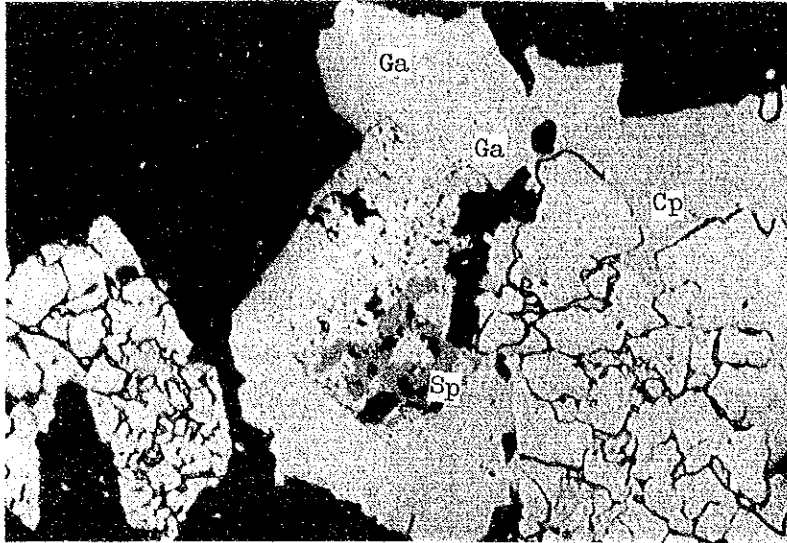
(9) Sample No : SN9-1P@
 Location : E=680,615
 N=8330,210
 Type of Ore : Sp-Ga-quartz
 vein
 Remarks : Pc, El
 El : Au-Ag
 Pc : Ag-Cu-As- (Sb) -S

open nicol



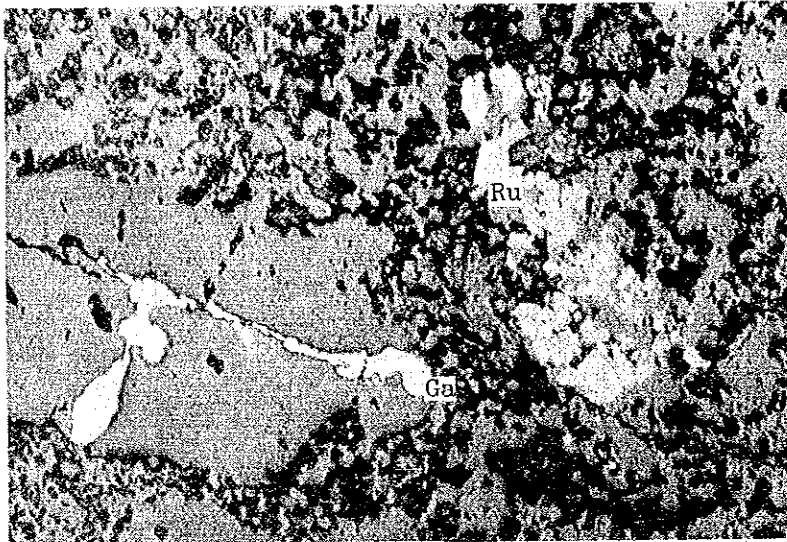
(10) Sample No : MJP-11-1P@
 Location : E=680,315
 N=8331,305
 Type of ore : grey quartz
 vein and
 altered rock
 with Cp and
 Ga
 Remarks : Ca, Py, Cp, Fe
 Lm : Fe- ((S))
 Fe : Fe ((S)) } oxides of Fe

open nicol



(11) Sample No : MJP-11-1P⑥
 Location : E=680,315
 N=8331.305
 Type of Ore : grey quartz
 vein and altered
 rock with Cp
 and Ga
 Remarks : Ga, Sp, Cp
 Sp : Zn- (Cd) - ((Fe)) -S
 Ga : Pb- ((Fe)) -S

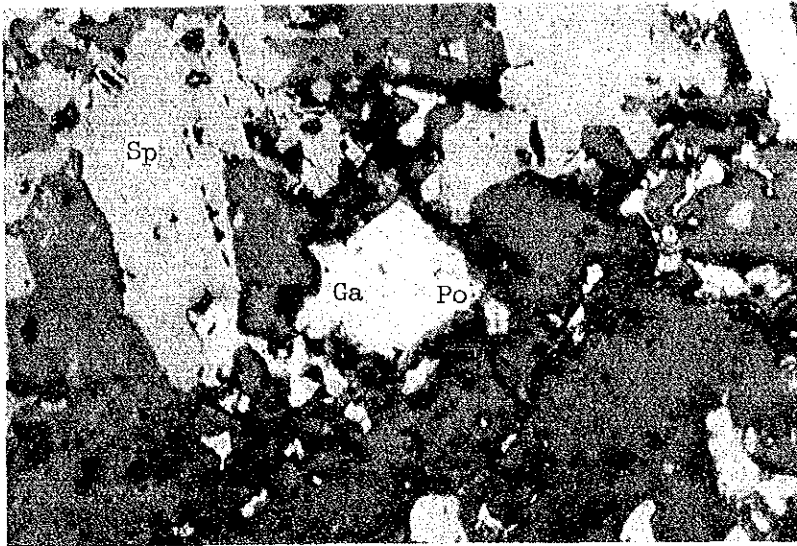
open nicol



(12) Sample No : MJP-11-1P⑥
 Location : E=680,315
 N=8331.305
 Type of Ore : grey quartz
 vein and altered
 rock with Cp
 and Ga
 Remarks : Ga, Ru
 Ga : Pb-S
 Ru : Ti- ((Si)) - ((K?))

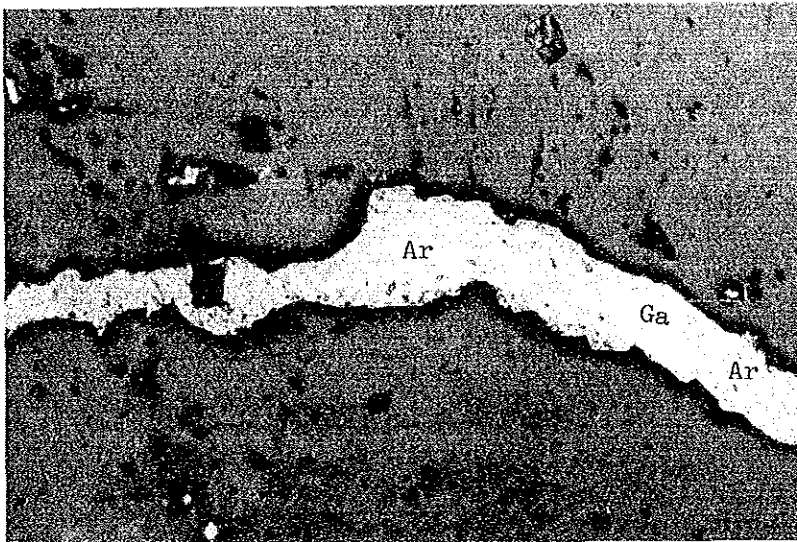
Open nicol

0 0.01mm



(13) Sample No : MJP-12-1PⓈ
 Location : E=680,023
 N=8331,110
 Type of Ore : grey quartz vein
 with Sp, and Ga
 and Cp

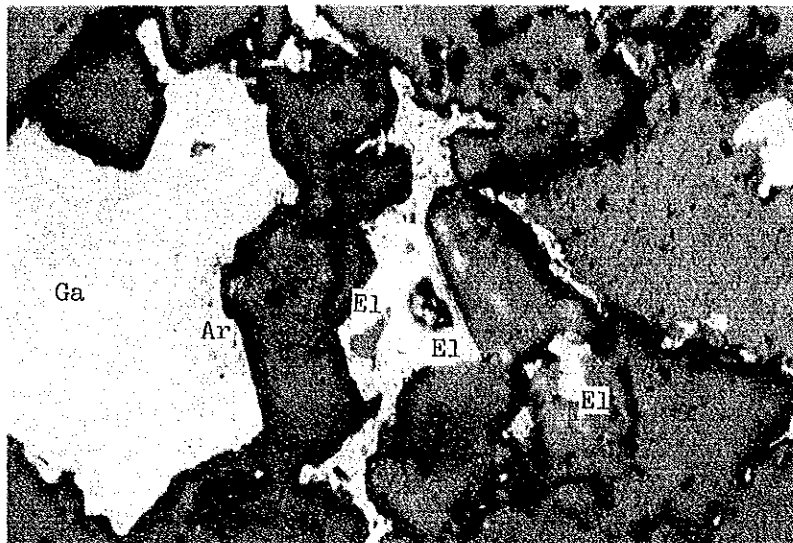
open nicol



(14) Sample No : MJP-12-1PⓈ
 Location : E=680,023
 N=8331,110
 Type of Ore : grey quartz vein
 with Sp, Ga
 and Cp

open nicol

0 0.01mm



open nicol

(15) Sample No : MJP-12-1P©

Location : E=680.023

N=8331.110

Type of Ore : grey quartz vein
with Sp, Ga
and Cp

Remarks : Ga, Ar, El

El ; Au 51.54, Ag 48.35

Total 99.89wt%

Au 36.86, Ag 63.14

Total 100at%

El ; Au 51.54, Ag 46.74

Total 98.29%

Au 37.65, Ag 62.35

Total 100at%

Ar : Ag 87.50, Cu 1.47,

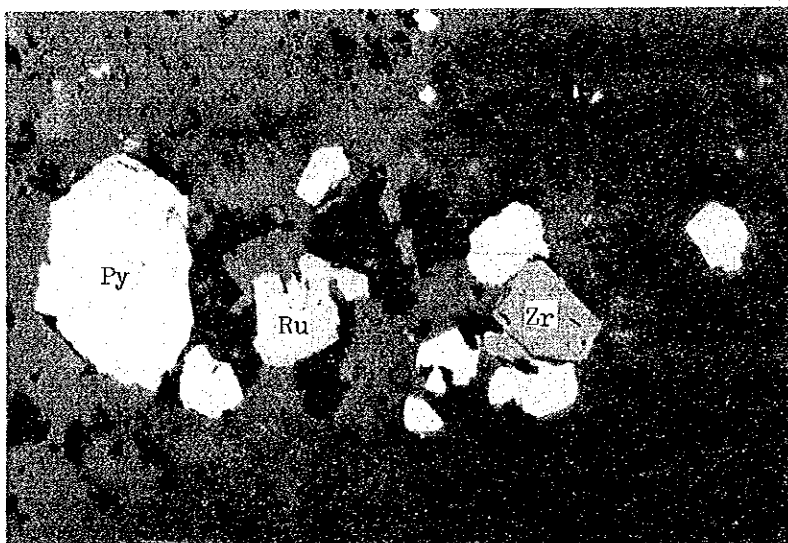
Zn 0.20, As 0.68, Sb 0.05,

S 12.99, Total 102.89wt%

Ag 64.79, Cu 1.85, Zn 0.25,

As 0.68, Sb 0.03, S 32.36,

Total 100at%



open nicol

0 0.01mm

(16) Sample No : MJP-12-2P

Location : E=680.023

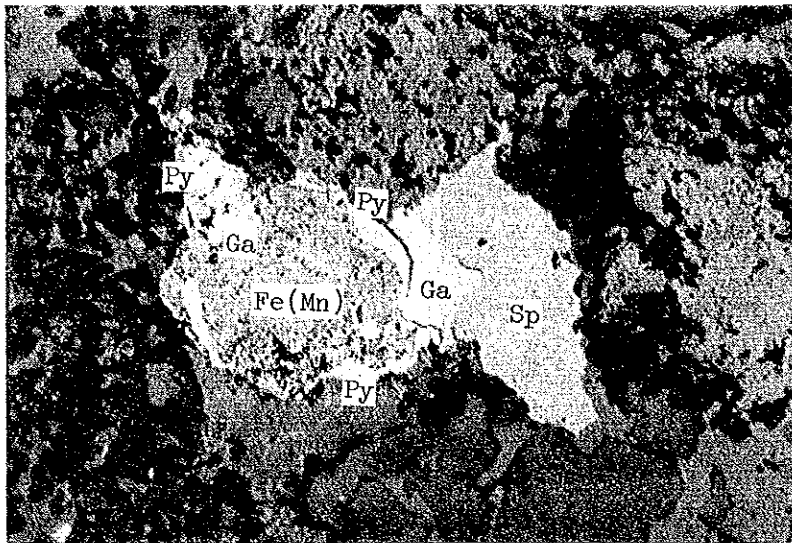
N=8331.110

Type of ore : dark grey
quartz vein
with black
mineral and Py

Remarks : Py, Ru, Zr

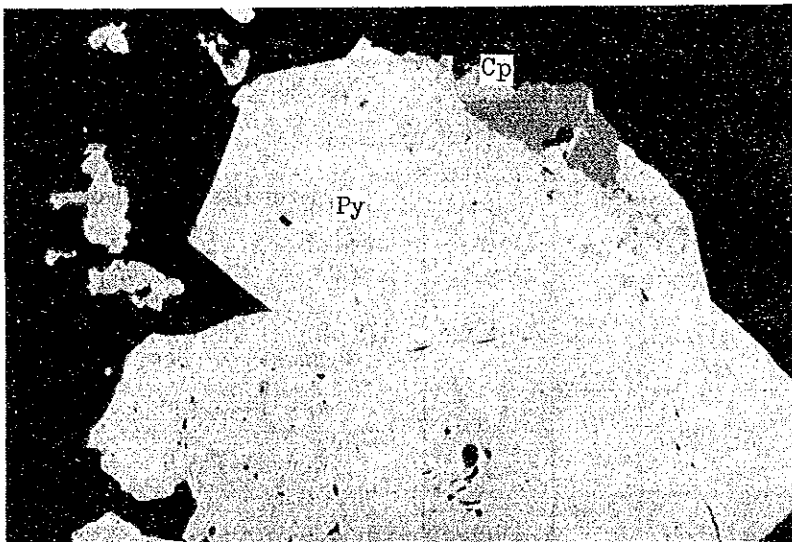
Ru ; Ti- ((Fe))

Zr ; Zr-Si



(17) Sample No : MJP-12-3P
 Location : E=680,023
 N=8331,110
 Type of Ore : grey quartz vein with Py
 Remarks : Sp, Ga, Py, Fe (Mn)
 Fe (Mn) ; Fe- (Mn) - ((Cu)) - (S)

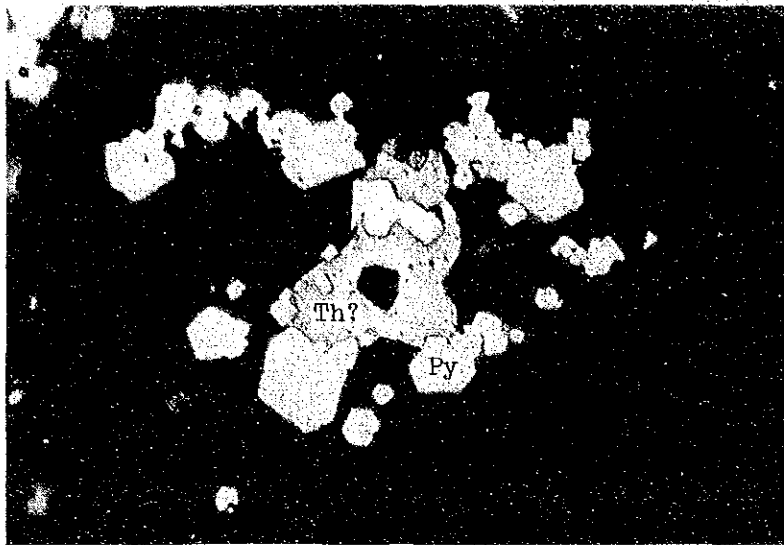
open nicol



(18) Sample No : MJP-13-1P
 Location : E=680,455
 N=8330,305
 Type of Ore : altered rock with Sp, Cp, Ga and Py
 Remarks : Py, Cp

open nicol

0 0.01mm



(19) Sample No : MJP-14-1P

Location : E=683,210

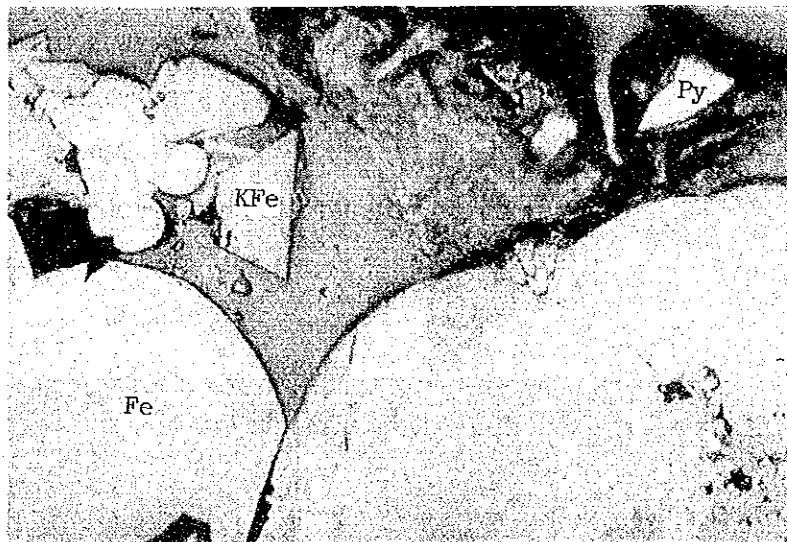
N=8321,835

Type of Ore : white and dark
grey quartz vein
with Py

Remarks : Py, Th?

Th (?) : Ag-Cu- (Zn) -
(Fe) -Sb-S

open nicol



(20) Sample No : MJP-14-2P

Location : E=683,210

N=8321,835

Type of Ore : silicified
sandstone with
iron oxides

Remarks : Fe, KFe, Py

Fe : Fe- (S)

KFe : K-Fe-S

open nicol

0 0.01mm

Apx. 6 X-ray Diffractive Analyses of the Survey Area

No.	Sample No.	Co ordinates		Occurrence	Alteration mineral									Metalic mineral					Remarks		
		E (km)	N (km)		Qz	Se	Ch	Am	Kf	Ca	Do	An	Gy	Ja	Py	Go	Gal	Sph		Ag	
1	N3-2X	680.260	8330.865	silicified rock and quartz veinlet with Sp. Ga. and black mineral	⊙	*			○						△		△		△	⊙	
2	Mz-38X	680.070	8330.870	altered rock with iron oxides	⊙	*	△		⊙						*		*			*	
3	Mz-15X	680.570	8330.318	brown altered rock with iron oxides	⊙	△			⊙												
4	S5-5X	680.580	8330.285	altered rock with blackish brown clay	⊙	*		△	○								*				
5	S6-1X	680.585	8330.250	altered rock with brown and black clay	⊙	*			△		?			*		*			?		
6	SN-9-1X	680.615	8330.210	Sp-Ga-quartz veinlet	⊙				○							△		○	⊙	○	
7	MT3-3X	683.330	8321.715	network of quartz vein	⊙					*		*			*		*	*	*		

No.	Dorill Hole No.	Co ordinates		Sample No.	Depth (m)	Alteration mineral									Metalic mineral					Remarks	
		E (km)	N (km)			Qz	Se	Ch	Am	Kf	Ca	Do	An	Gy	Ja	Py	Go	Gal	Sph		Ag
8	MJP-11	680.315	8331.305	MJP-11X	119.35m	⊙	△			⊙	△					△		○			quartz vein and silicified rock
9	MJP-12	680.023	8331.110	MJP-12X	113.62m	⊙	△	*		○						△					dark grey quartz vein
10	MJP-13	680.455	8330.305	MJP-13X	203.70m	⊙	△	*		○	?	○				○					strongly altered rock with Sp, Cp, Ga, Py veinlet
11	MJP-14	683.210	8321.835	MJP-14X	167.60m	⊙									⊙		△				silicified sandstone with iron oxides
12	MJP-15	683.290	8321.845	MJP-15X	93.60m										⊙		△				network of brown iron oxides

Abbreviations

Qz : Quartz Se : Sericite Ch : Chlorite Am : Amesite
 Kf : Potassiu feldspar Ca : Calcite Do : Dolomite An : Anhydrite
 Gy : Gypsum Ja : Jarosite Py : Pyrite Go : Goethite
 Gal : Galena Sph : Sphalerite Ag : Ag mineral

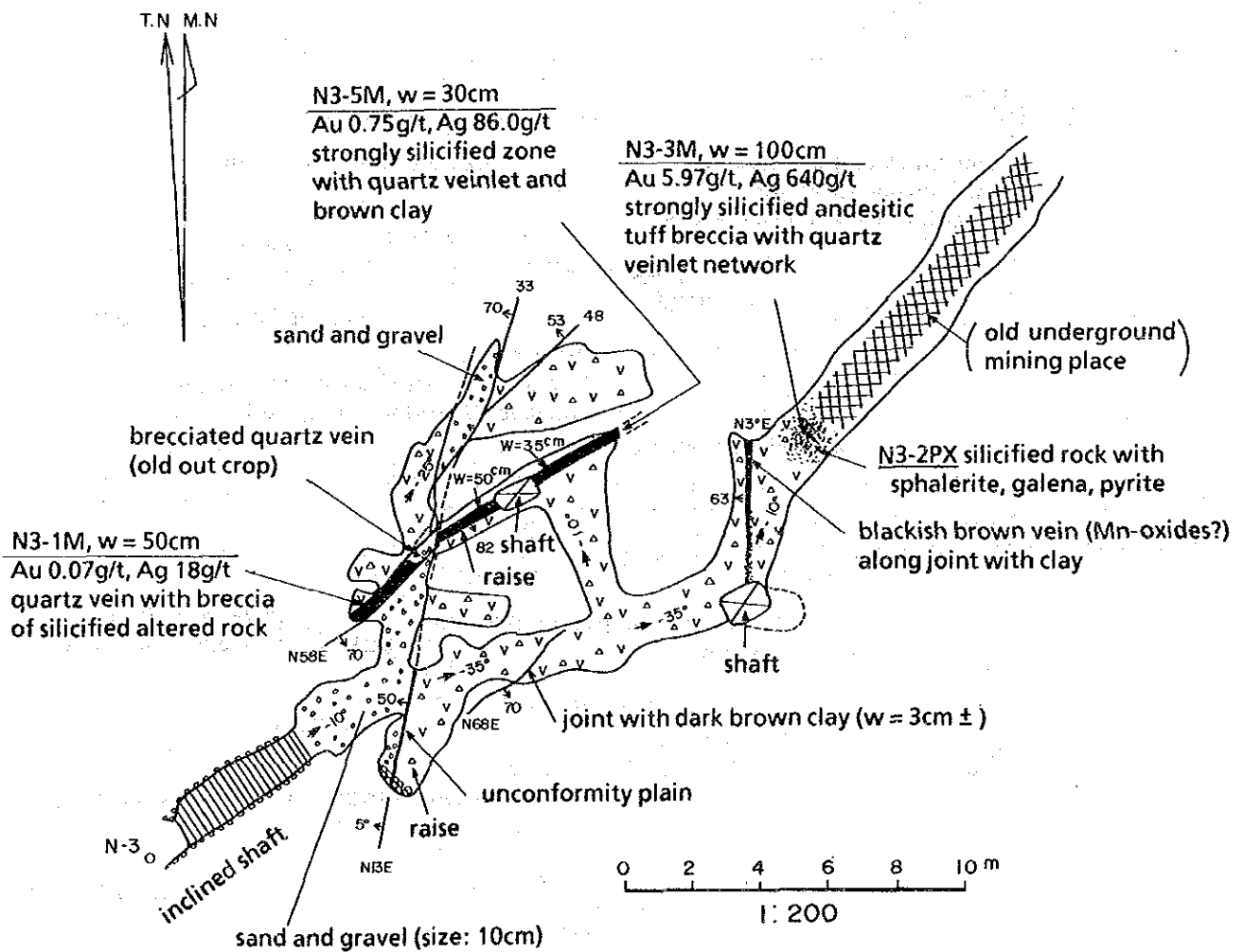
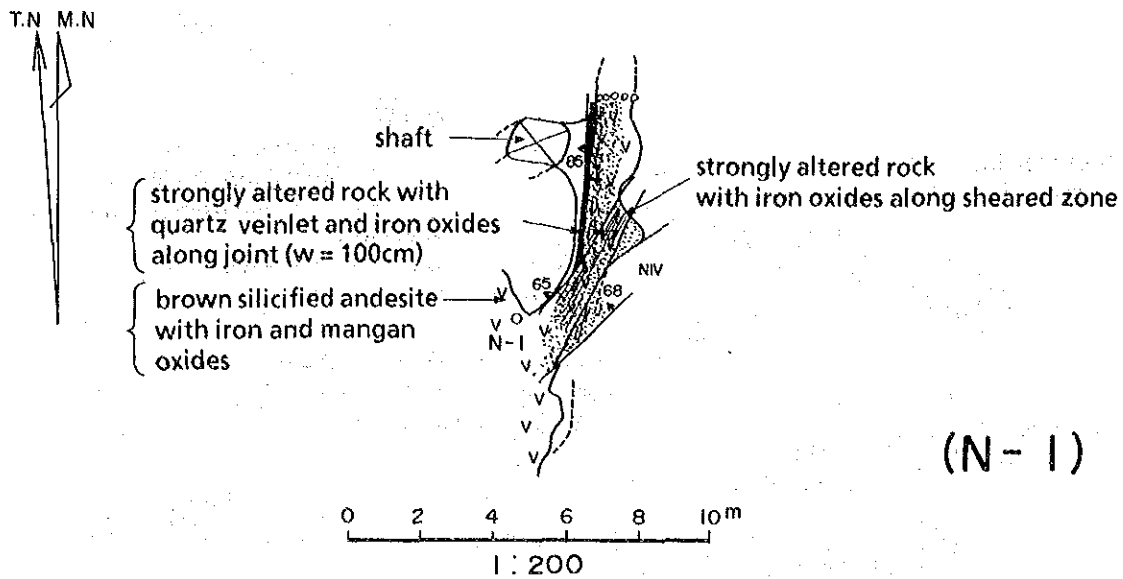
⊙ : abundant ○ : common △ : minor * : minim ? : uncertainty

Apx. 7 Results of Chemical Analyses of Altered Rock and Ore Samples

Area	No	Sample No	Co-ordinates		Type of Samples	Width of Sample (m)	Au g/t	Ag g/t	
			E (km)	N (km)					
Mineralization Zone of Northern Part	1	N-3-1M	680.260	8330.865	quartz vein with breccia of silicified rock	0.50	0.07	18.0	
	2	3M	680.260	8330.865	silicified andesitic tuff breccia with quartz veinlet network	1.00	5.97	640	
	3	5M	680.260	8330.865	strongly silicified zone with quartz veinlet and brown clay	0.30	0.75	86.0	
	4	N-6-4M	680.060	8330.865	brown to dark brown sheared zone with quartz veinlet	0.50	0.89	390	
	5	N-7-MZ-37M	680.070	8330.870	sheared zone with iron and mangan oxides	0.30	0.82	205	
	6	N-8-N8-2M	680.080	8330.875	sheared zone with brown to reddish brown iron oxides	0.50	0.89	178	
Mineralization Zone of Southern Part	7	SN-1-MZ-17M	680.625	8330.373	strongly altered rock with argillization	0.50	0.41	33.0	
	8	SN-3-MZ-24M	680.560	8330.328	sheared zone with quartz veinlet and limonite stain	0.25	1.17	55.0	
	9	SN-4-MZ-16M	680.570	8330.318	brown altered rock with iron oxides	0.30	3.36	142	
	10	S-5-5M	680.580	8330.285	dark brown to brown clay along sheared zone	0.15	21.50	410	
	11	6M	680.580	8330.285	brown clay (w=3cm) and sheared part (w=17cm)	0.20	11.10	890	
	12	S-6-1M	680.585	8330.250	brown and black clay along sheared zone	0.10	10.10	540	
	13	SN-7-MZ-12M	680.605	8330.225	strongly altered rock with iron oxides	0.45	0.14	10.5	
	14	SN-8-MZ-10M	680.615	8330.210	ditto	0.45	0.55	31.5	
	15	SN-9-MZ-11M	680.615	8330.210	silicified zone with Sp, Ga, Py and iron oxides	0.30	20.10	1200	
	16	S-12-1M	680.660	8330.180	sheared zone with quartz veinlet	0.60	1.85	108	
	17	SN-15-MZ-22M	680.645	8330.375	altered andesite with quartz veinlet	1.00	0.14	29.0	
	18	S-16-1M	680.560	8330.210	brown clay along joint	0.40	14.50	90.0	
	19	2M	680.560	8330.210	sheared zone, argillization and silicification	0.80	0.82	43.0	
	20	SN-18-MZ-34M	680.575	8330.240	silicified altered rock with iron oxides	1.20	0.48	22.5	
	21	MZ-35M	680.575	8330.240	sheared zone with iron oxides	0.30	1.23	18.5	
	Trenches	22	TC-1-2M	680.570	8330.270	silicified altered rock with quartz vein network	0.20	0.69	71.0
		23	6M	680.570	8330.270	silicified dacite with mangan oxides and quartz veinlet		0.07	5.0
		24	TC-2-2M	680.580	8330.230	quartz vein with mangan oxides	0.20	0.07	8.0
		25	TC-3-1M	680.540	8330.215	altered andesite with brown iron oxides		<0.07	1.0
		26	TC-5-4M	680.185	8330.913	brown silicified andesite with quartz veinlet	2.00	0.07	43.5
		27	7M	680.185	8330.913	grey to brownish grey quartz vein	0.15	<0.07	2.8
Outcrops of Q. Querumahuaco	28	50-1M	680.040	8329.958	strongly silicified rock with white clay	1.50	0.27	7.0	
	29	50-2M	680.040	8329.958	ditto	0.70	0.27	3.9	
	30	50-3M	680.040	8329.958	strongly silicified rock	0.40	2.30	2.0	
	31	51M	680.040	8329.950	altered zone with quartz veinlet network	spot	0.14	2.3	
	32	52M	680.045	8329.940	lenticular quartz vein	0.20	0.07	9.0	
	33	53M	680.065	8329.935	lenticular strongly silicified rock	0.50	<0.07	1.9	
	34	54M	680.065	8329.925	ditto	spot	0.82	1.3	
	35	55M	680.098	8329.920	ditto	1.00	0.07	1.9	
	36	56M	680.125	8329.933	silicified zone and white clay zone	1.10	<0.07	1.0	
	37	57M	680.160	8329.918	lenticular silicified zone	0.50	0.21	0.3	
	38	58M	680.170	8329.915	silicified rock with black band	1.20	0.55	0.5	
	39	59M	680.213	8329.900	strongly silicified zone	6.80	3.70	2.0	
	40	60M	680.205	8329.900	yellowish brown clay and breccia	0.20	0.34	9.5	
	41	61M	680.270	8329.885	argillized zone with lenticular silicified zone	1.60	<0.07	0.3	
	42	62M	680.310	8329.905	yellowish green clay with mangan oxides	3.00	<0.27	0.3	
	43	63M	680.310	8329.910	strongly silicified zone with quartz crystal in druse	2.20	Tr	1.0	
	44	64M	680.315	8329.915	brecciated zone with lenticular silicified rock	2.00	<0.07	0.3	
Marcamate Area	45	SM-2-1M	683.220	8321.775	brown clay along joint	0.05	1.99	440	
	46	MZ-30M	683.220	8321.775	sheared zone along joint with brown iron oxides	0.20	0.41	90.0	
	47	SM-4-MZ-31M	683.238	8321.763	sheared zone with iron oxides	spot	0.14	47.5	
	48	SM-8-MZ-32M	683.318	8321.735	argillized altered rock with dissemination of pyrite	spot	0.69	14.5	
	49	SM-9-MZ-33M	683.335	8321.730	argillized altered rock	spot	0.21	54.0	

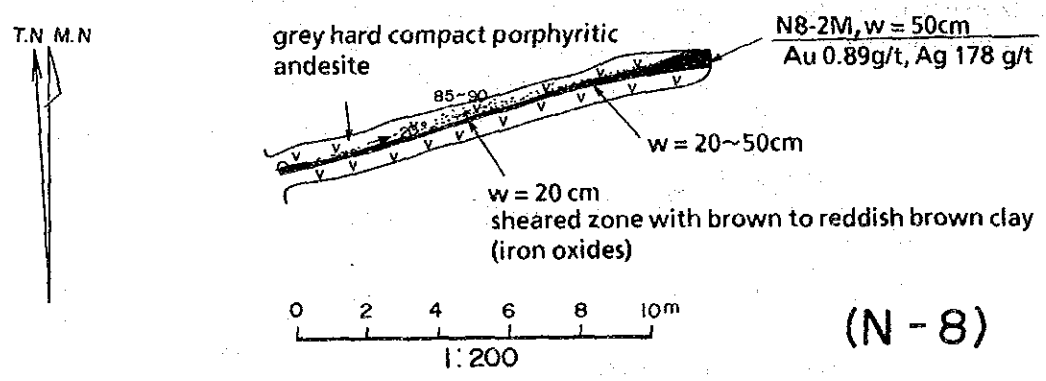
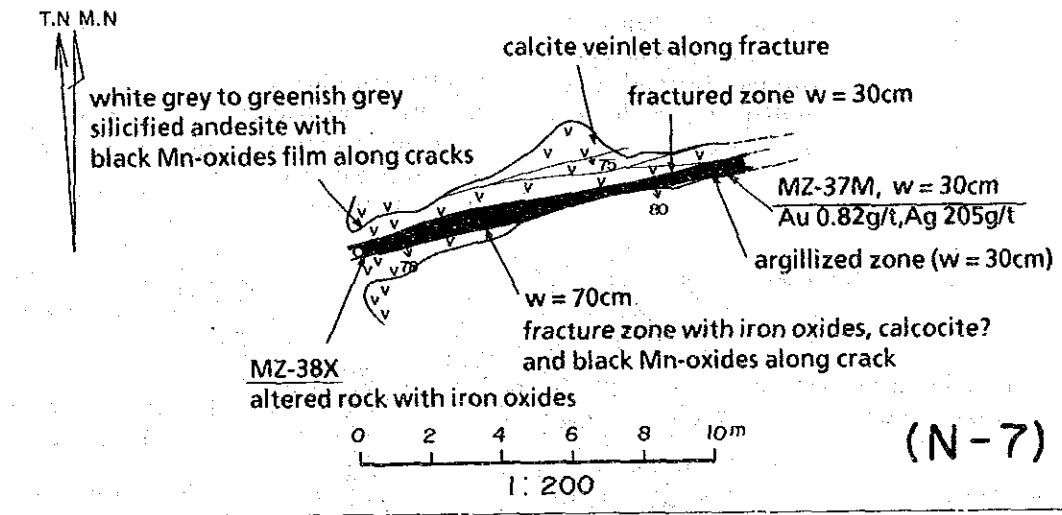
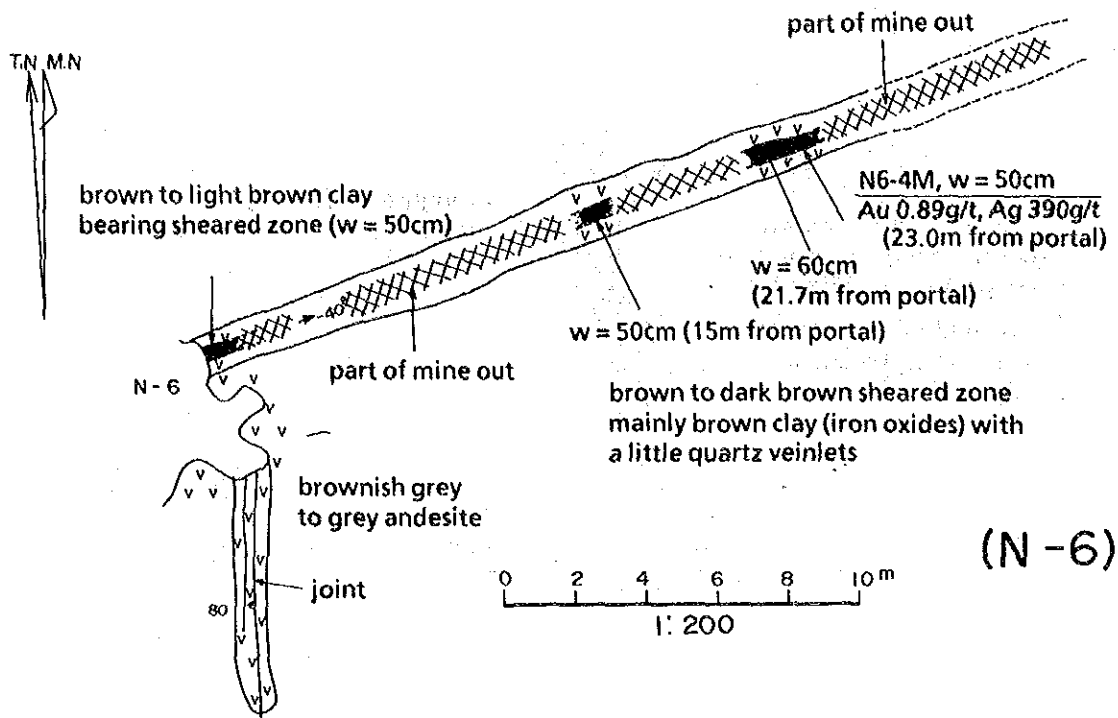
Apx. 8 Results of Chemical Analyses of Altered Drilling Core and Ore Samples

Drilling No.	Sample No.	Depth (m) ~ (m)	Type of Sample	width (m)	Au g/t	Ag g/t	Cu %	Pb %	Zn %
MJP-11	1	119.35 - 119.70	quartz vein	0.35	0.41	104.0	0.34	2.96	0.01
	2	119.70 - 120.10	strongly silicified rock	0.40	0.14	32.3	0.08	0.29	<0.01
	3	120.10 - 120.95	strongly bleached rock	0.85	0.14	28.3	0.03	0.17	0.02
MJP-12	1	65.35 - 65.50	quartz vein	0.15	0.27	14.0	-	-	-
	2	75.40 - 75.60	silicified rock	0.20	3.54	705	-	-	-
	3	84.05 - 84.15	quartz vein	0.10	0.14	13.3	-	-	-
	4	111.92 - 112.52	silicified rock	0.60	0.07	56.5	<0.01	0.01	0.10
	5	112.52 - 112.95	ditto	0.43	0.14	3.6	<0.01	<0.01	<0.01
	6	112.95 - 114.50	quartz vein and silicified rock	1.55	0.21	22.3	<0.01	<0.01	0.06
	7	121.00 - 122.00	silicified rock	1.00	0.27	15.3	-	-	-
	8	186.30 - 186.50	ditto	0.20	0.07	3.0	-	-	-
	9	189.00 - 189.30	black lenticular vein	0.30	13.10	360	-	-	-
	10	193.70 - 193.80	quartz vein	0.10	0.14	3.6	-	-	-
	11	212.30 - 212.55	ditto	0.25	0.27	5.3	-	-	-
	12	212.55 - 212.75	black vein	0.20	0.48	7.3	-	-	-
	13	212.75 - 213.10	grey quartz vein	0.35	0.21	5.8	-	-	-
	14	213.30 - 214.00	ditto	0.70	0.21	6.3	-	-	-
	15	247.70 - 248.40	quartz vein	0.70	<0.07	1.3	-	-	-
MJP-13	1	156.90 - 157.55	quartz vein network	0.65	<0.07	3.6	-	-	-
	2	199.45 - 199.60	silicified rock with Cp, Sp	0.15	2.33	8.0	0.03	0.33	0.48
	3	199.60 - 200.60	silicified rock	1.00	0.27	1.9	<0.01	0.06	0.03
	4	200.60 - 201.14	ditto	0.54	0.48	6.3	0.06	0.14	0.29
	5	201.14 - 201.30	quartz vein network with Cp, Sp, Ga	0.16	5.04	45.0	0.79	1.37	1.30
	6	201.30 - 202.05	silicified rock	0.75	<0.07	2.3	<0.01	0.03	0.07
	7	202.05 - 202.75	ditto	0.70	0.07	4.1	0.03	0.04	0.13
	8	202.75 - 203.50	silicified rock with Cp, Sp	0.75	<0.07	5.0	0.06	0.12	0.14
	9	203.50 - 204.20	quartz vein network with Cp, Sp, Ga	0.70	0.21	18.0	0.18	0.86	1.62
	10	204.20 - 205.05	silicified rock	0.85	<0.07	1.3	<0.01	0.01	0.02
MJP-14	1	8.90 - 10.15	quartz vein network	1.25	<0.07	2.3	-	-	-
	2	10.15 - 11.60	ditto	1.45	<0.07	1.9	-	-	-
	3	11.60 - 12.75	ditto	1.15	<0.07	0.3	-	-	-
	4	14.15 - 14.25	white quartz vein	0.10	<0.07	<0.3	-	-	-
	5	17.40 - 17.50	ditto	0.10	<0.07	0.3	-	-	-
	6	18.40 - 18.47	grey quartz vein	0.07	<0.07	0.3	-	-	-
	7	23.15 - 23.25	ditto	0.10	<0.07	0.5	-	-	-
	8	28.50 - 29.65	reddish brown quartz vein	1.15	<0.07	0.5	-	-	-
	9	29.65 - 30.70	ditto	1.05	<0.07	3.3	-	-	-
	10	115.40 - 115.60	grey shale with pyrite	0.20	<0.07	2.5	-	-	-
	11	165.30 - 165.70	quartz vein	0.40	<0.07	2.3	-	-	-
	12	165.70 - 166.55	quartz vein network	0.85	<0.07	2.5	-	-	-
	13	167.30 - 167.85	ditto	0.55	<0.07	0.5	-	-	-
	14	167.85 - 168.55	ditto	0.70	<0.07	0.5	-	-	-
	15	179.22 - 179.40	white and grey quartz vein	0.18	0.07	2.5	-	-	-
MJP-15	1	32.70 - 33.45	quartz vein network	0.75	<0.07	1.9	-	-	-
	2	33.45 - 34.20	ditto	0.75	<0.07	1.0	-	-	-
	3	35.00 - 36.00	brown iron oxides network	1.00	<0.07	0.3	-	-	-
	4	63.70 - 64.00	iron oxides with pyrite	0.30	0.07	0.3	-	-	-
	5	68.35 - 69.55	disseminated of pyrite	1.20	<0.07	1.3	-	-	-
	6	82.75 - 83.80	quartz vein network	1.05	<0.07	0.5	-	-	-
	7	84.50 - 85.00	quartz vein	0.50	<0.07	0.8	-	-	-
	8	92.20 - 93.10	silicified rock with pyrite	0.90	<0.07	0.3	-	-	-
	9	93.10 - 93.80	veinlet of iron oxides	0.70	<0.07	2.8	-	-	-
	10	197.45 - 197.80	pyrite veinlet network	0.35	<0.07	1.9	-	-	-



(N-3)

Apx. 9 Geological Sketch Map of Tunnel N-1, N-3 in North of the Colpar Area



Apx. 10 Geological Sketch Map of Tunnel N-6, N-7, N-8 in North of the Colpar Area