Apx. 7 X-ray Diffraction Chart

X-Ray Diffractometer
Sample Number
Target
Filter
Voltage
Current
Full Scale Range
Time Constant
Scanning Speed
Chart Speed
Divergency
Receiving Slit
Detector
Date
Cu
40 kV
150 mA
4000 CPS
0.5 sec
4 °/min
8 mm/min
1 °
0.15 mm
S.C
Feb. 1990
Quartz
Siderite
Ilmenite

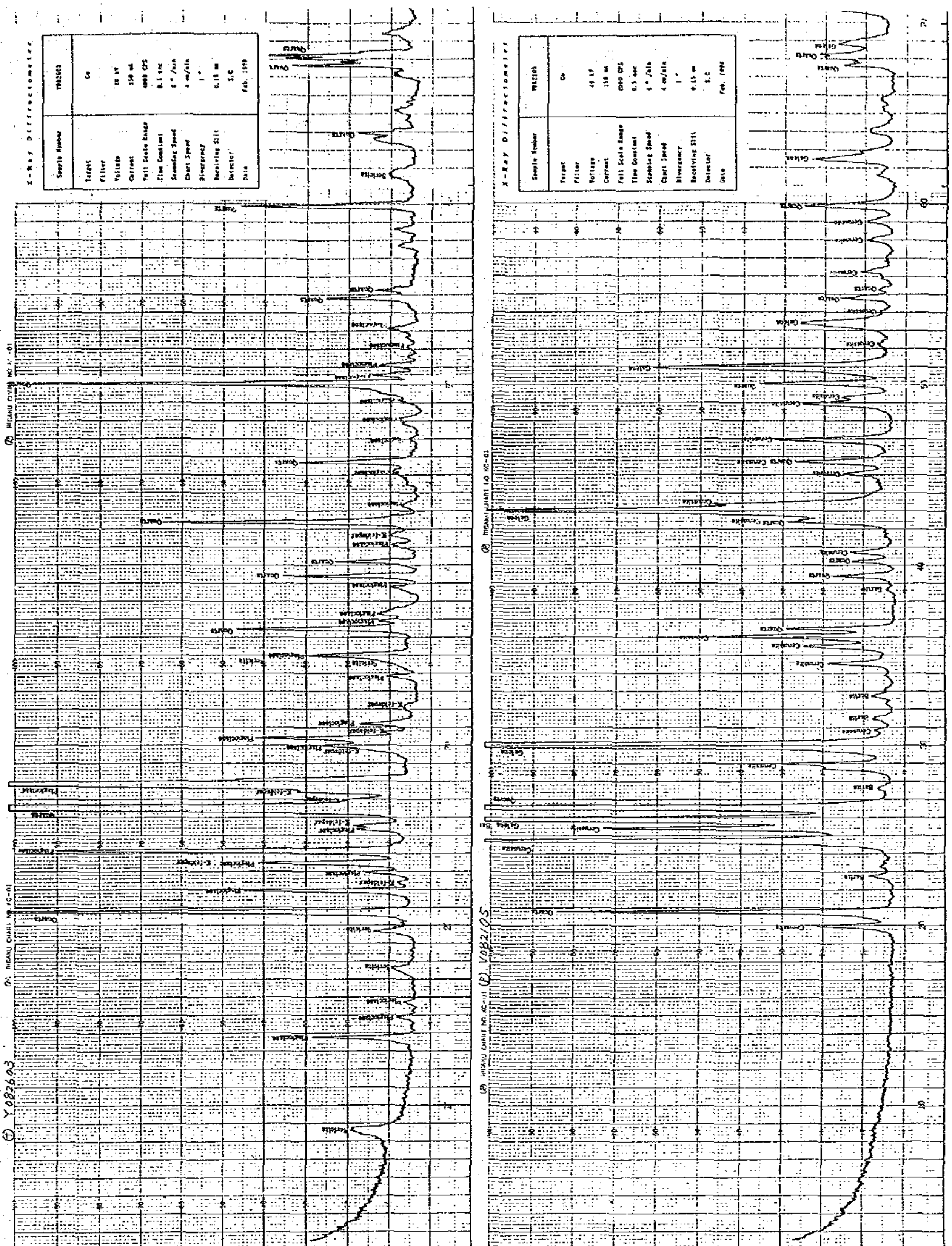
X-Ray Diffractometer
Sample Number
Target
Filter
Voltage
Current
Full Scale Range
Time Constant
Scanning Speed
Chart Speed
Divergency
Detector
Date
Cu
40 kV
30 mA
1000 CPS
0.5 sec
4°/min
2 cm/min
1°
S.C
Feb. 1990
Quartz
Sodalite
Intensity
2θ

X-Ray Diffractometer
Sample Number
Target
Filter
Voltage
Current
Full Scale Range
Time Constant
Scanning Speed
Chart Speed
Divergence
Receiving Slit
Detector
Date
Cu
Quartz
Calcite
Feldspar
Kaolinite
Smectite
Barite

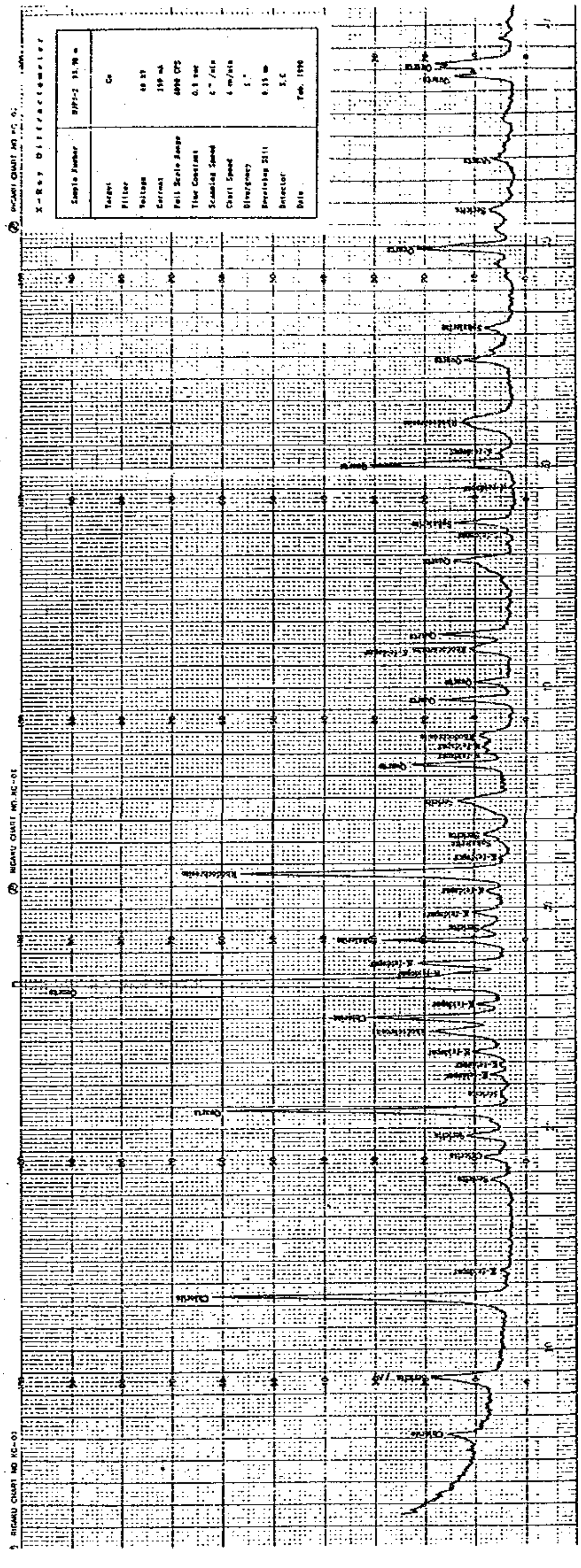
X-Ray Diffractometer
Sample Number
AR2101
Target
Cu
Filter
Voltage
40 kV
Current
150 mA
Full Scale Range
4000 CPS
Time Constant
0.5 sec
Scanning Speed
4 °/min
Chart Speed
4 mm/min
Divergence
1°
Receiving Slit
0.15 mm
Detector
S.C
Date
Feb. 1998
RIGAKU CHART NO RC-01
Quartz
Sericite
Kaolinite

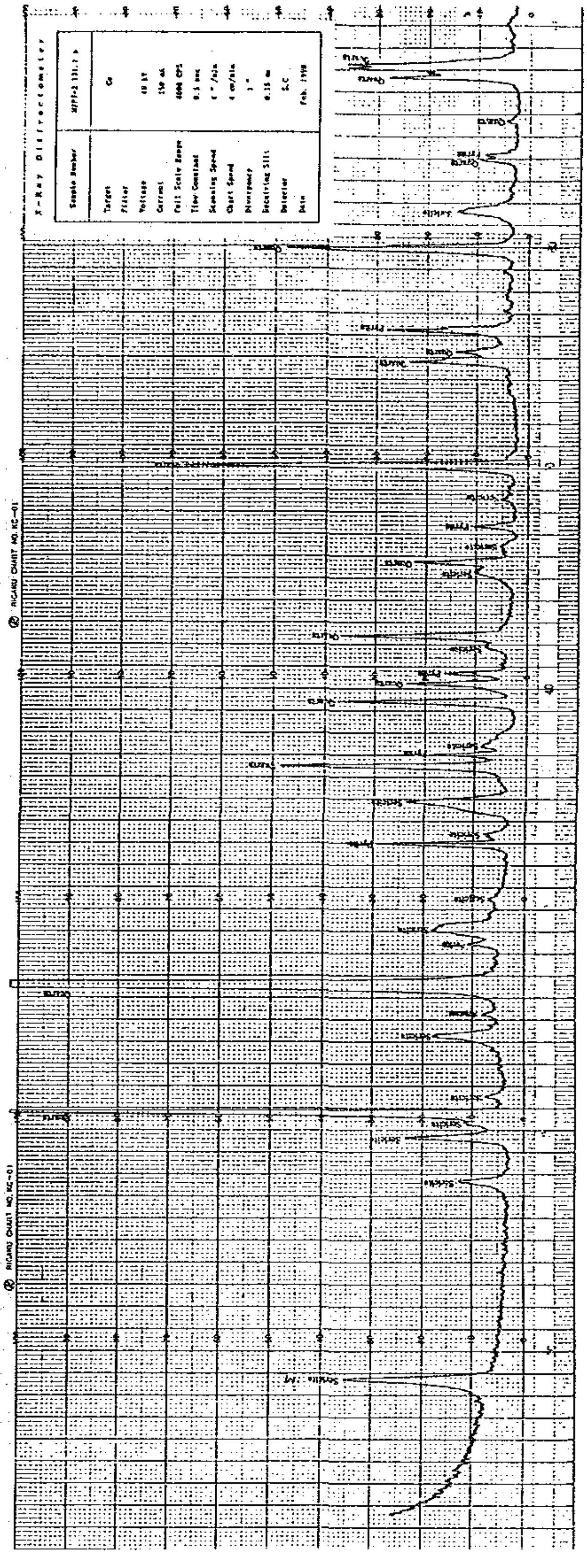
X-Ray Diffractometer
Sample Number
TR0095
Target
Cu
Filter
Voltage
40 kV
Current
150 mA
Full Scale Range
4000 CPS
Time Constant
0.5 sec
Scanning Speed
4 °/min
Chart Speed
4 mm/min
Divergence
1°
Receiving Slit
0.15 mm
Detector
S.C
Date
Feb. 1998
RIGAKU CHART NO RC-01
Quartz
Kaolinite

X-Ray Diffractometer
Sample Number
Target
Filter
Voltage
Current
Full Scale Range
Time Constant
Scanning Speed
Chart Speed
Divergency
Receiving Slit
Detector
Date
Cu
40 kV
150 mA
4000 CPS
0.5 sec
4 °/min
1 cm/min
1°
0.15 mm
S.C
Feb. 1990
Quartz
Sericite

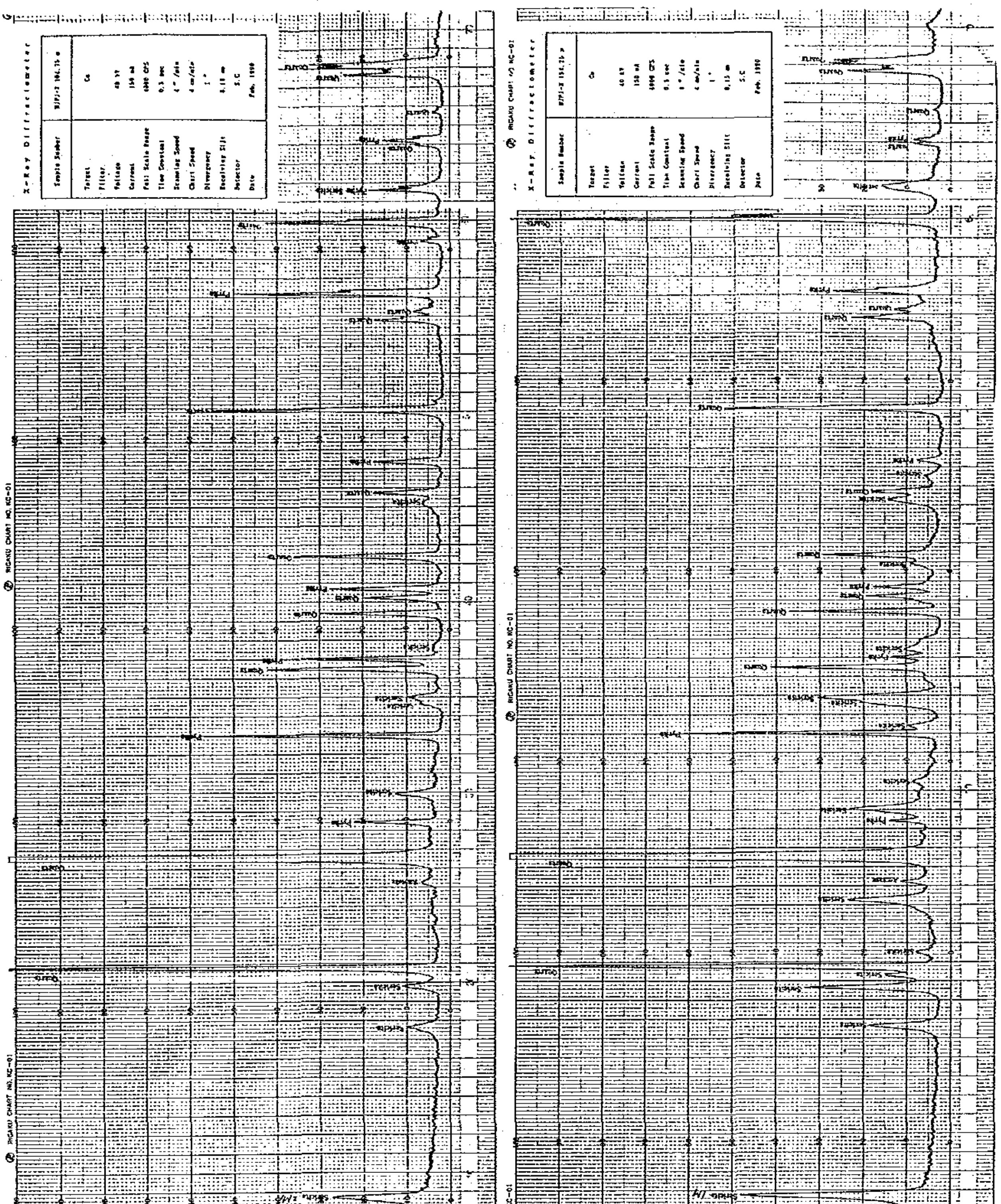


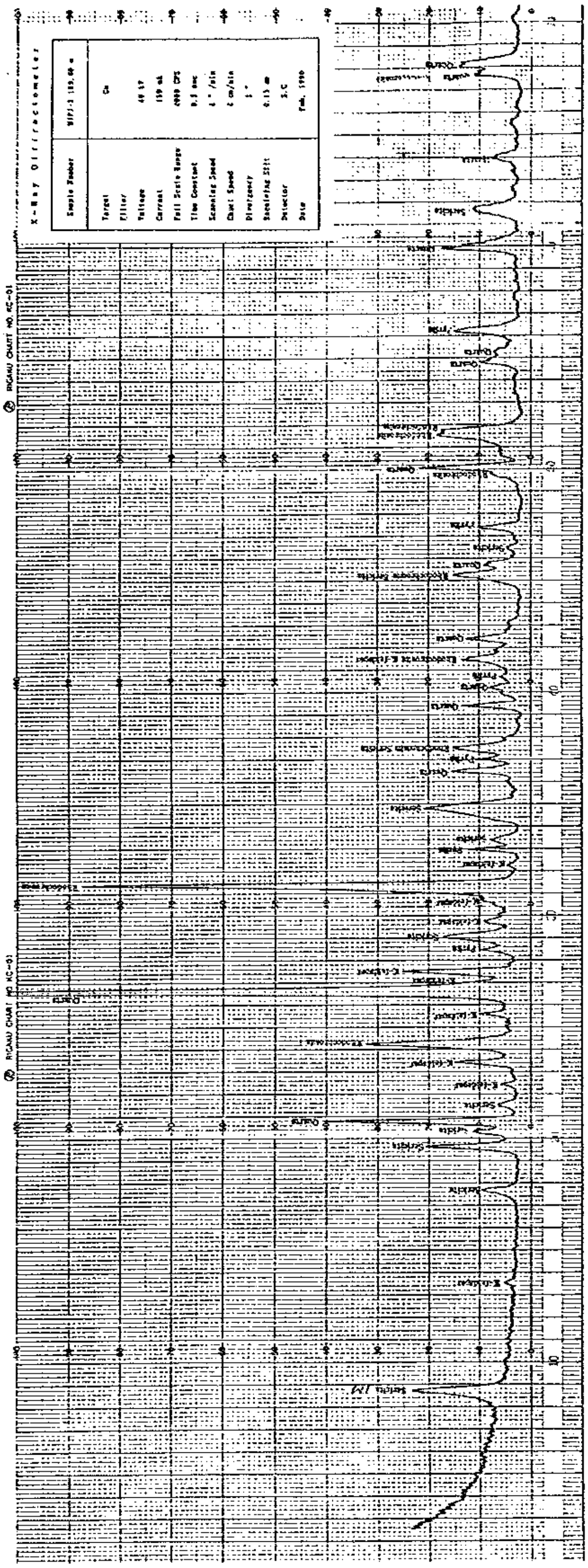
X-Ray Diffractometer
Sample Number
Target
Filter
Voltage
Current
Full Scale Range
Time Constant
Scanning Speed
Chart Speed
Divergency
Receiving Slit
Detector
Date
Cu
40 kV
150 mA
4000 CPS
0.5 sec
4 °/min
4 cm/min
1 °
0.15 mm
S.C
Feb. 1990
Quartz
Sericite
RIGAKU CHART NO. RC-01

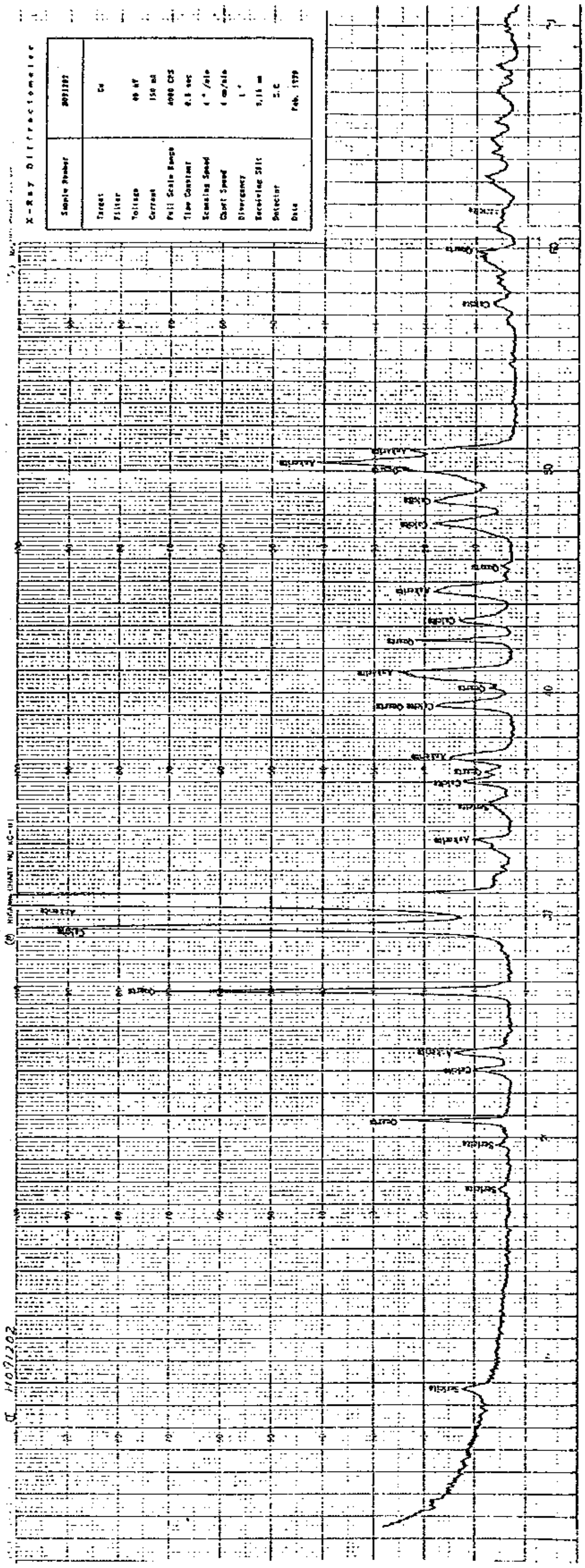


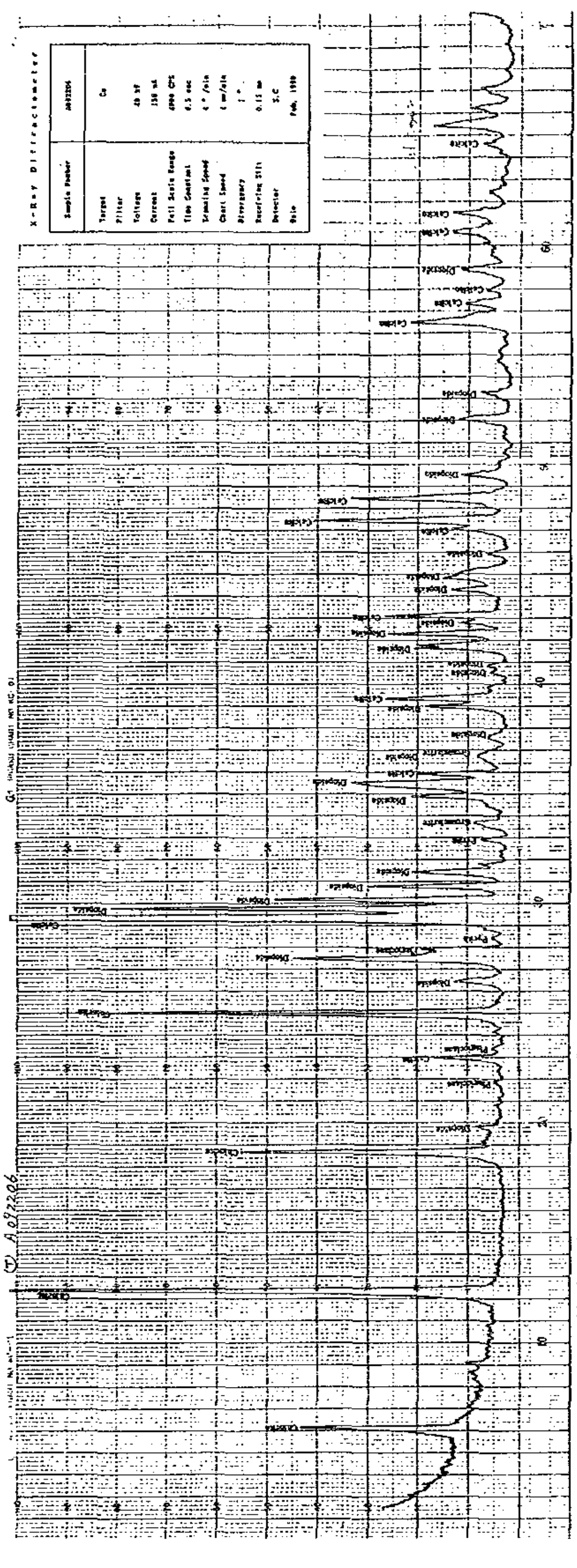


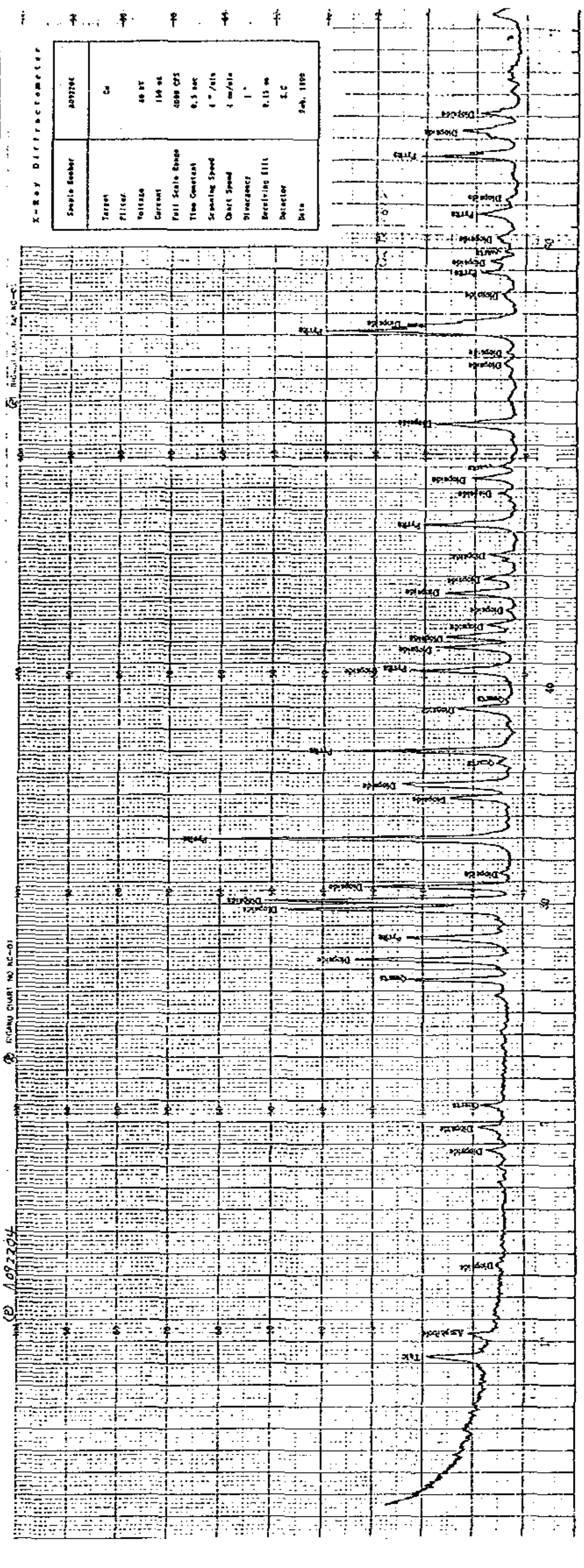
X-Ray Diffractometer
RIGAKU CHART NO. XC-01
CHART NO. XC-01

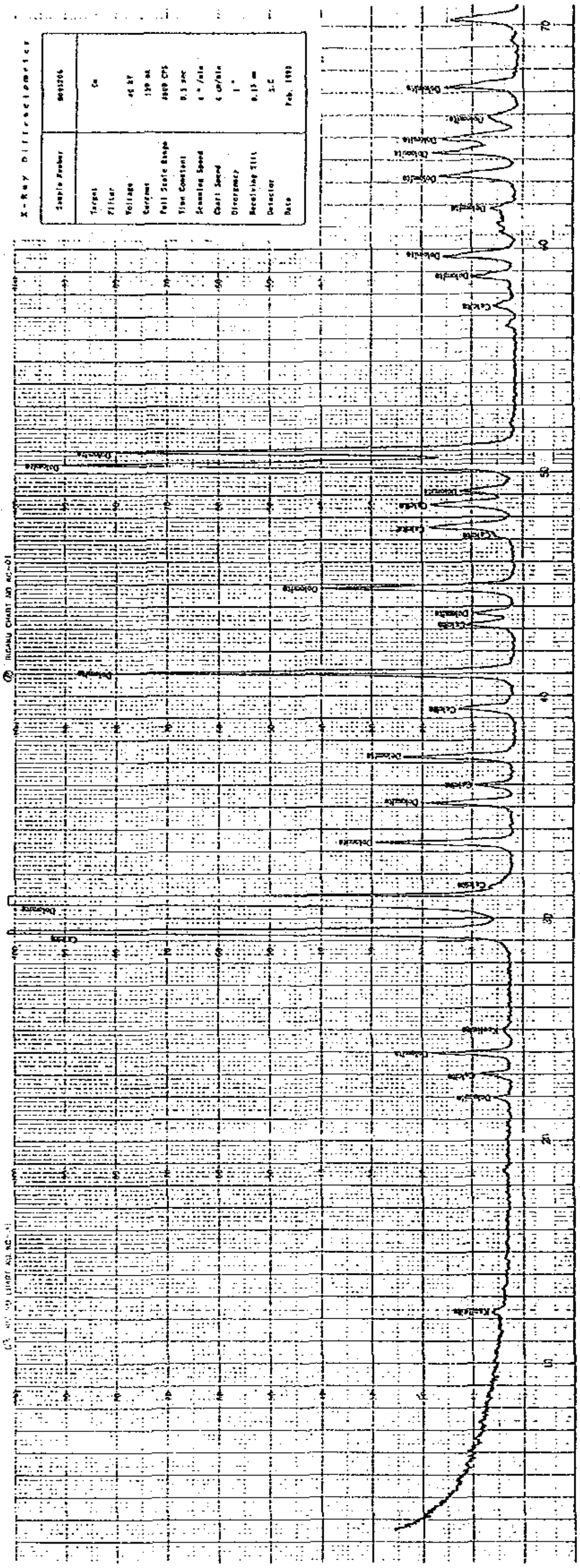


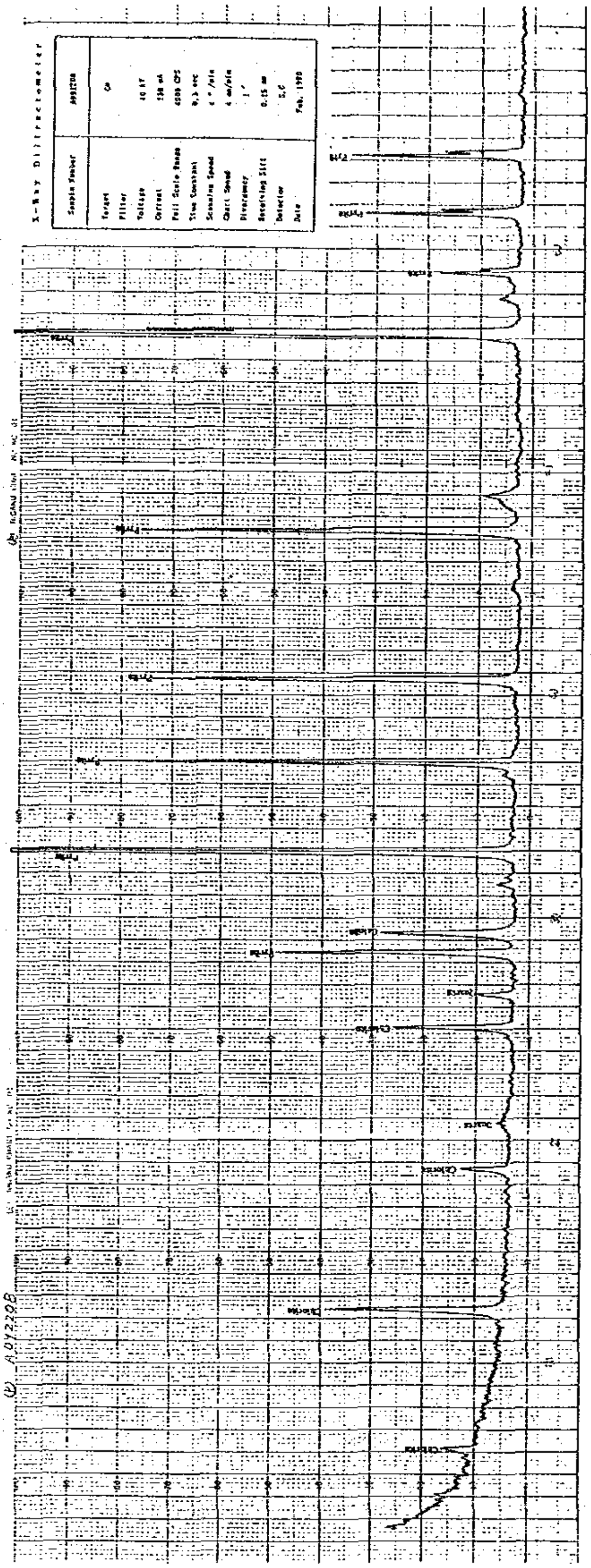


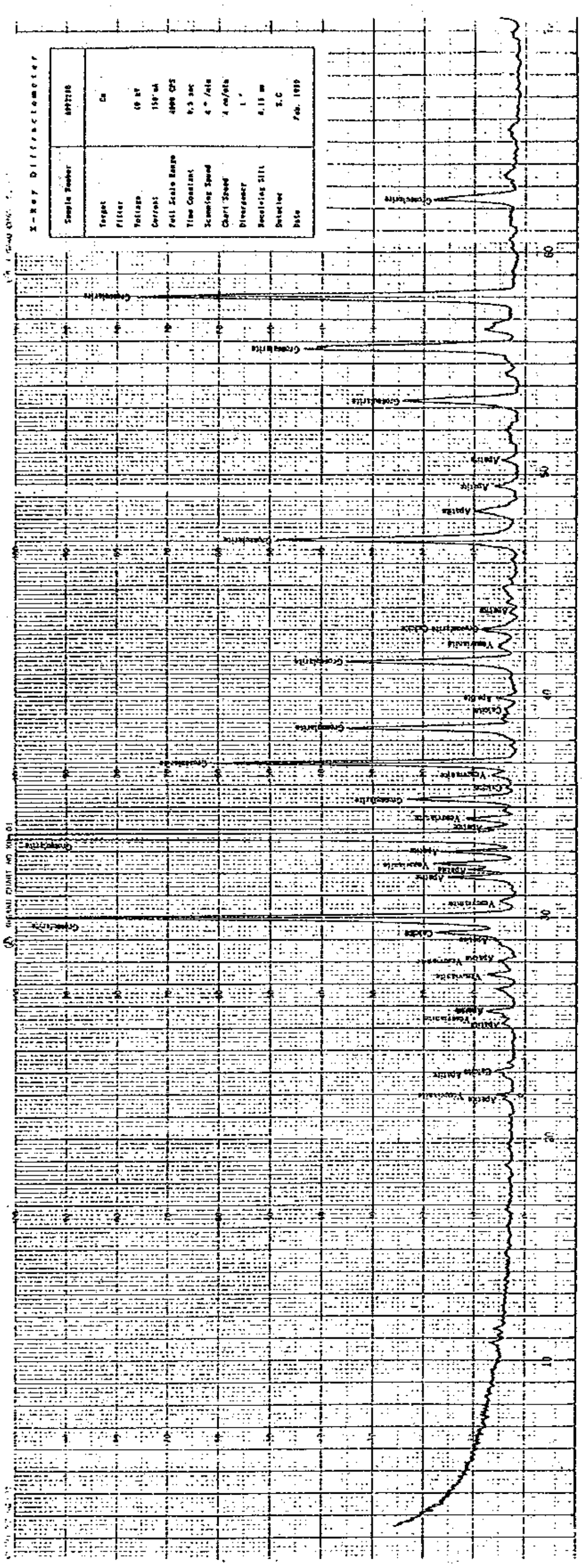


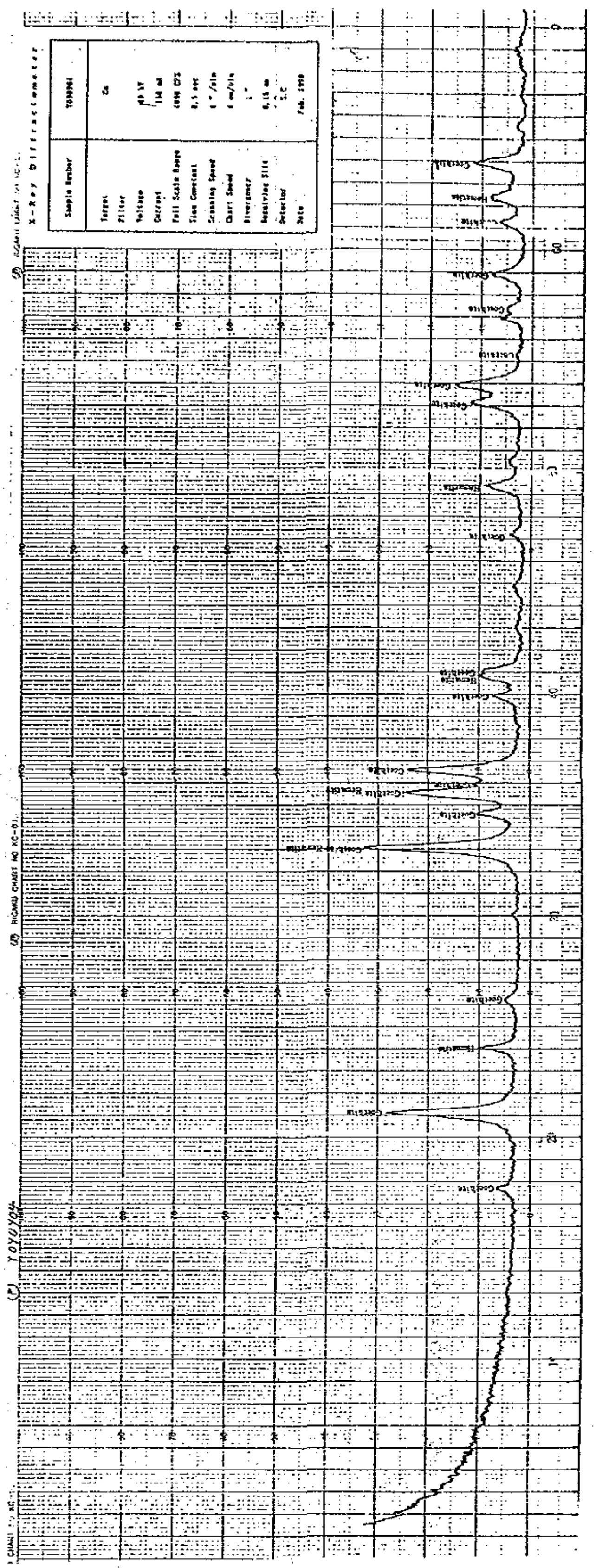












Apx. 8 Microscopic Obserbations of Polished Sections

Sample No.	Rock Name	Area	Geological Unit	Primary Mineral								Secondary Mineral			
				Cp	Sp	Gn	Py	Po	Tn	Tr	Mt	Cv	Cc	Hem	Gt
V082105	Gn-quartz vein	C	Oy	* 0.18>		○						* 0.008>	* 0.003		
V082106	Gn-quartz vein	C	Oy	* 0.02>		△ 5/3	* 0.07/0.02					* 0.01>			
MJPJ-1 61.95m	Sp-Cp-quartz vein	Je	Por	* .056/.015	○ 0.95>		◎ 0.7/0.03	* 0.04/0.01	* .055/.015						
MJPJ-1 82.70m	Py disseminated lapilli tuff	Je	Por	* 0.4/0.02	◎ 0.9/0.1	△ 0.19/0.015	△ 0.3/0.1		* 0.5/0.2	* 0.9/0.007	* 0.9/0.007				
MJPJ-2 43.70m	Py-Sp-quartz vein	Je	Por	△ 1.1/0.4	△ 1.4/0.4		◎ 0.9/0.02					* 0.15/0.08	△ 4>		
MJPJ-3 43.65m	Py-Cp disseminated silicified breccia	Je	Por	* 0.50/0.08	* 0.60/0.06		◎ 1.2/0.02					* 0.6/0.04	* 0.30/0.02		
A092204	Cp-Py-skarn	Pe	Le	* 0.2/0.01	* 0.04>		◎ 2/1				△ 1.5/0.5				△
A092208	Iron sulphide ore	Pe	Le	△ 2/0.05	* 0.1/0.01		◎ >10								△
Y090904	Iron oxide ore	Pe	Oy								△ 0.3/0.2			△	◎

◎:abundant ○:common △:few *:rare Grain size : maximum/minimum (mm)

Abbreviations C:Chontali, Cc:chalcocite, Cp:chalcopyrite, Cv:covelline, Gn:galena, Gt:goethite, Hem:hematite, Je:Jehuamarca, Le:Leche formation, Mt:magnetite, Oy:Oyotun formation, Pe:Pena Blanca, Po:pyrrhotite, Por:Porculla formation, Py:pyrite, Sp:sphalerite, Tn:tennantite, Tr:tetrahedrite

Result of microscopic observation (polished section)

V082105 (Chontali) Galena-bearing quartz vein

Ore minerals are galena, chalcopyrite, covelline and chalcocite. Galena is in irregular shape and sometimes more than 4 mm in diameter. Iregularly-shaped granular chalcopyrite is in accessory amounts and reaches to 0.18 mm in diameter. Covelline replaces chalcopyrite and occurs as an aggregate of long-prismatic crystal, finer than 0.008 mm, surrounding chalcopyrite. Chalcocite is less than 0.0003 mm, associated with covelline.

V082106 (Chontali) Galena-bearing quartz vein

Ore minerals are galena, pyrite, chalcopyrite and covelline. A small amounts of galena is in irregular shape, 3-5 mm in diameter. Pyrite occurs in less abundance, ranging from 0.02 to 0.07 mm, and altered to limonite from the margin. Chalcopyrite occurs also in less abundance in gangue minerals, less than 0.02 mm in diameter. Covelline occurs sorrouding galena as an aggregate with other secondary minerals, finer than 0.01 mm.

MJPJ-1 61.95m (Jehuamarca) Sphalerite and chalcopyrite-bearing quartz vein

Ore minerals are pyrite, sphalerite, chalcopyrite, pyrrhotite and tennantite. Most of pyrite occurs as a massive aggregate of euhedral to subhedral crystals ranging from 0.03 to 0.22 mm, associated with sphalerite, and sometimes as a euhedral crystal more than 0.7 mm in diameter. Sphalerite in medium abundance occurs as a massive aggregate with pyrite. Chalcopyrite is in accessory amounts, included in sphalerite and pyrite. Pyrrhotite occurs in accessory amounts as an exsolved phase from sphalerite. Tennantite with bluish gray tint is also in accessory amounts.

MJPJ-1 82.70m (Jehuamarca) Pyrite-bearing lapilli tuff

Ore minerals are sphalerite, pyrite, galena, chalcopyrite, tetrahedrite, tennantite and magnetite.

Sphalerite occurs as euhedral to anhedral crystal ranging from 0.1 to 0.9 mm in diameter, including chalcopyrite, tetrahedrite and tennantite to show an exsolution structure. Pyrite in less abundance is euhedral and granular, ranging from 0.1 to 0.3 mm. Galena, ranging from 0.015 to 0.19 is anhedral and associated with sphalerite. Chalcopyrite occurs in accessory amounts as an exsolution phase or veinlets. Tetrahedrite commonly occurs associated with sphalerite, and sometimes in cavity as a larger crystal. Tennantite and magnetite are in small amounts included in sphalerite.

MJPJ-2 43.7m (Jehuamarca) — Chalcopyrite and sphalerite-bearing quartz vein

Ore minerals are pyrite, chalcopyrite, sphalerite, chalcocite and covelline. Pyrite occurs as euhedral granular crystal or as a massive aggregate, ranging from 0.02 to 0.9 mm. Chalcopyrite is ranging from 0.4 to 1.1 mm, associated with sphalerite. Sphalerite is euhedral to anhedral, and occurs as a granular aggregate with pyrite and chalcopyrite. Chalcocite occurs in a small amounts replacing chalcopyrite. Covelline occurs as filling veinlets or metasomatic traversing sphalerite, chalcocite and chalcopyrite.

MJPJ-3 43.65m (Jehuamarca) — Pyrite- and chalcocite-bearing silicified breccia

Ore minerals are pyrite, chalcopyrite, sphalerite, chalcocite and covelline. Pyrite occurs as euhedral granular crystal and as a massive aggregate, ranging from 0.02 to 1.2 mm, and finer grained one replaces country rock. Chalcopyrite is anhedral irregular, ranging from 0.08 to 0.50 mm, included in pyrite. Sphalerite is anhedral granular, included in pyrite. Chalcocite occurs in accessory amounts replacing chalcopyrite or associated with sphalerite. Covelline occurs in accessory amounts as filling veinlets.

A092204 (Peña Blanca) — Pyrite- and chalcopyrite-bearing skarn

Ore minerals are pyrite, magnetite, limonite, chalcopyrite, and sphalerite. Pyrite occurs commonly as euhedral crystal, ranging from

1 to 2 mm. Magnetite occurs surrounding pyrite or filling cracks in it. Limonite occurs in small amounts surrounding pyrite, which preserves its original shape. Chalcopyrite is irregular ranging from 0.01 to 0.2 mm, partly included in pyrite. Sphalerite occurs in accessory amounts, finer than 0.04 mm, included in chalcopyrite.

A092208 (Peña Blanca) Iron sulphide ore

Ore minerals are pyrite, chalcopyrite, limonite and sphalerite. Pyrite is in large amounts and coarser than 1 cm. Chalcopyrite ranging from 0.05 to 2 mm occurs in small amounts with an irregular shape embedded in gangue minerals. Limonite occurs filling cracks in pyrite or interstices between gangue minerals. Sphalerite occurs in accessory amounts included in chalcopyrite.

Y090904 (Peña Blanca) Iron oxide ore

Ore minerals are limonite, hematite and magnetite. Limonite is in large amount replacing and surrounding magnetite and hematite, and preserves the original texture of magnetite and hematite relict. Hematite occurs replacing magnetite giving rise to a mesh structure and the alteration is more intense along the margin of magnetite or cracks in it. Magnetite ranging from 0.2 to 0.3 mm is replaced by hematite to show a mesh structure.

Apx. 9 Microscopic Photographs of Polished Sections

Abbreviations

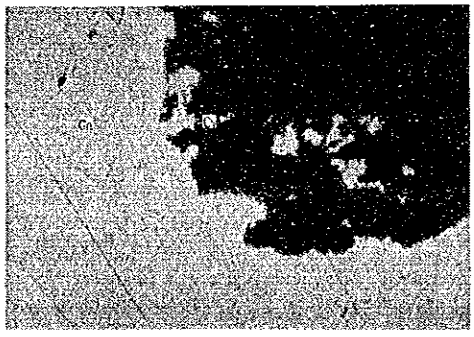
Cc	: chalcocite	Ht	: hematite
Cp	: chalcopyrite	Mt	: magnetite
Cv	: covelline	Py	: pyrite
G	: gangue minerals	Sp	: sphalerite
Gn	: galena	Tn	: tennantite
Gt	: goethite		

0 0.1mm

Sample No. : V082105
Area: Chontali
Rock Name : Galena quartz vein

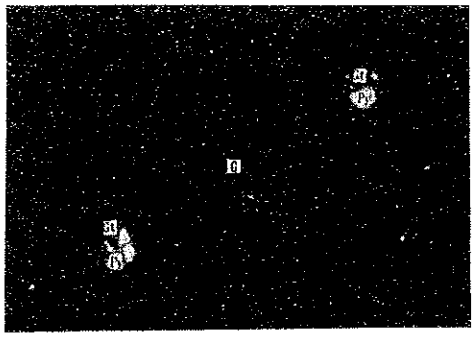
0 0.1mm

Sample No. : V082105
Area: Chontali
Rock Name : Galena quartz vein



0 0.2mm

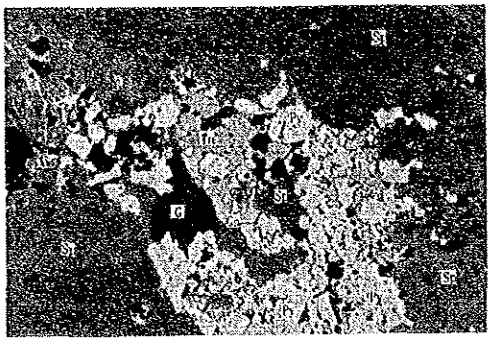
Sample No. : V082106
Area: Chontali
Rock Name : Galena quartz vein



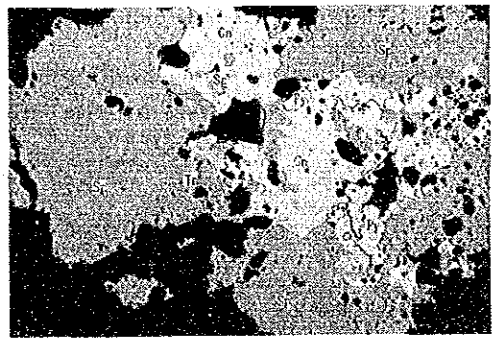
0 0.1mm

Sample No. : V082106
Area: Chontali
Rock Name : Galena quartz vein

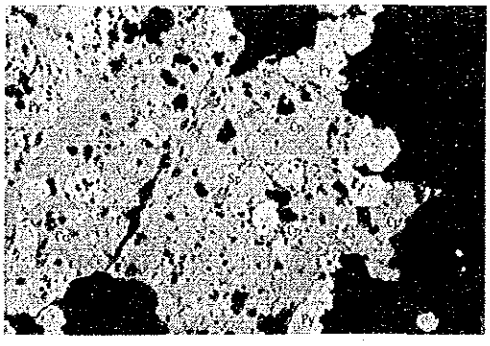
Sample No. : MJPJ-1 61.95m
Area: Jehuamarca
Rock Name : Sphalerite chalcopyrite
quartz vein



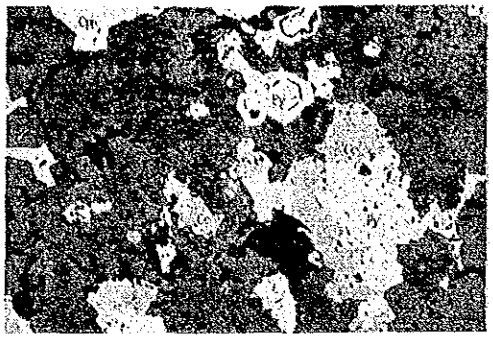
Sample No. : MJPJ-1 82.7m
Area: Jehuamarca
Rock Name : Pyrite dissminated
lapilli tuff



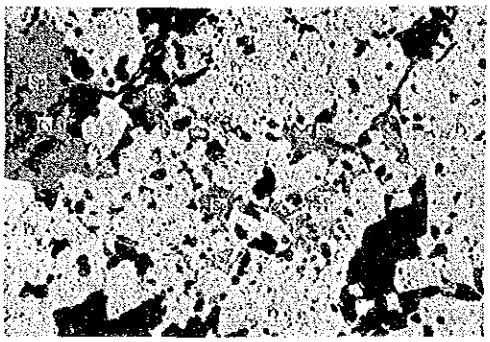
Sample No. : MJPJ-1 82.7m
Area: Jehuamarca
Rock Name : Pyrite dissminated
lapilli tuff



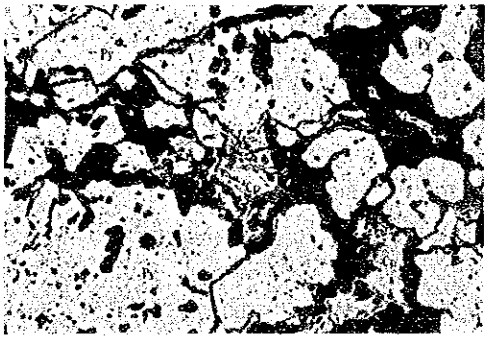
Sample No. : MJPJ-2 43.7m
Area: *Jehuamarca*
Rock Name : Pyrite sphalerite
quartz vein



Sample No. : MJPJ-2 43.7m
Area: Jehuamarca
Rock Name : Pyrite sphalerite quartz vein

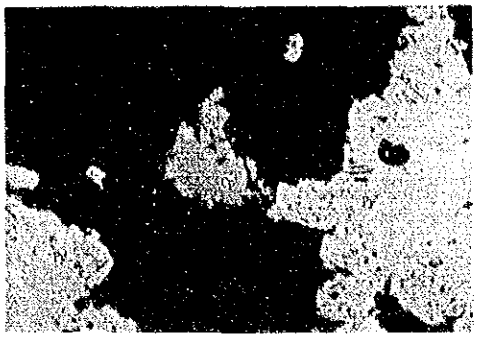


Sample No. : MJPJ-3 43.65m
Area: Jehuamarca
Rock Name : Pyrite chalcocite disseminated silicified breccia

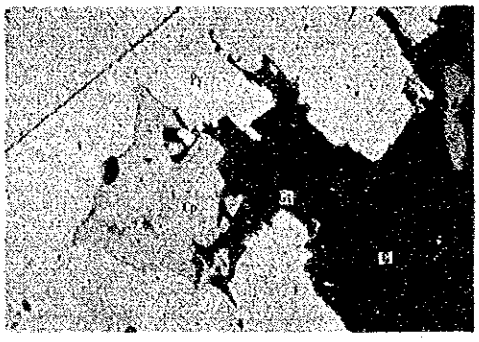


Sample No. : MJPJ-3 43.65m
Area: Jehuamarca
Rock Name : Pyrite chalcocite disseminated silicified breccia

Sample No. : A092204
Area: Peña Blanca
Rock Name : Chalcopyrite pyrite skarn



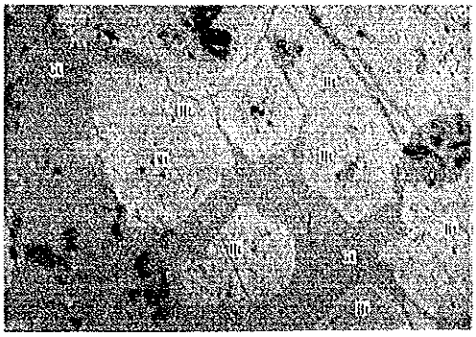
Sample No. : A092204
Area: Peña Blanca
Rock Name : Chalcopyrite pyrite skarn



Sample No. : A092208
Area: Peña Blanca
Rock Name : Iron sulphide ore

Sample No. : A092208
Area: Peña Blanca
Rock Name : Iron sulphide ore

Sample No. : Y090904
Area: Peña Blanca
Rock Name : Iron oxide ore



Sample No. : Y090904
Area: Peña Blanca
Rock Name : Iron oxide ore

Apx. 10 Assay Results of Ore Samples

(1)

Sample No.	Description	Area	Length (m)	Width (m)	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
H072503	brec qtz v	CD	5	0.80	0.900	2.0	270	500	210	31
H072604	qtz v	CD	5	0.10	0.500	3.0	1,260	500	250	4
H072903	sil rock with qtz vlet	CD	5	0.35	0.250	1.0	330	500	190	60
H080703	sil zone with dr qtz net	CD		1.20	0.500	3.0	180	800	210	21
H080704	sil zone with dr qtz net	CD		1.00	tr	2.0	3,440	500	550	6
H080705	sil zone with dr qtz net	CD		5.00	0.100	tr	670	1,000	420	11
H080706	sil zone with dr qtz net	CD		2.00	0.350	19.0	570	4,200	1,230	28
Average			130	2.30	0.198	5.0	885	1,615	583	15
H080708	qtz v	CD	30	2.00	0.500	20.0	180	1,400	220	23
H080710	sil zone with qtz net	CD	20	4.00	0.400	30.0	200	500	230	4
H080711	sil zone with qtz net	CD		1.50	0.650	2.0	160	1,100	180	10
H080712	sil zone with qtz net	CD		1.50	0.300	3.0	180	700	180	27
H080713	sil zone	CD		0.50	0.100	9.0	240	1,000	250	21
Average			220	1.17	0.421	3.4	180	914	190	19
H080801	sil zone with qtz net	CD	20	1.20	1.050	6.0	240	300	140	13
H080803	sil arg zone with qtz vlet	CD	20	1.00	7.450	4.0	240	400	150	6
H080804	sil zone with qtz v	CD	30	1.50	1.200	tr	200	400	180	14
H080805	sil zone with qtz v	CD	20	1.50	0.950	tr	370	600	170	18
H080806	sil zone with qtz v	CD	30	0.70	0.600	3.0	440	500	170	10
H080902	qtz v	CD	75	3.50	3.150	12.0	250	400	180	12
H080903	qtz v 0.2m + sil zone 1.5m	CD		1.70	0.600	1.0	250	500	200	10
H080904	qtz v	CD		2.50	12.950	18.0	150	600	140	8
H080905	qtz v	CD		0.15	0.400	4.0	340	1,100	560	9
Average			90	1.45	7.691	10.9	196	578	178	9
H081001	qtz v	CD	10	0.10	0.450	2.0	330	400	360	38
H081003	qtz v	CD		0.20	2.050	5.0	210	600	280	8
H081004	qtz v	CD		0.70	0.950	18.0	330	1,800	190	7
Average			95	0.45	1.194	15.1	303	1,533	210	7
H081005	qtz v 0.4m + sil zone 1.5m	CD	60	1.90	1.150	7.0	270	500	160	7
H081702	sil zone with qtz v	CD	50	6.00	0.200	tr	10	100	130	10
H082302	sil arg zone with dr qtz net	CD	50	1.50	0.800	7.0	80	100	140	3
H082401	qtz v	CD		1.50	0.400	6.0	tr	300	180	11
H082402	sil v (tuff origin)	CD		1.00	0.200	13.0	130	200	120	8
Average			60	1.25	0.320	8.8	55	260	156	10
H082403	sil v (tuff origin)	CD		1.50	0.350	3.0	80	100	130	7
H082404	sil v (tuff origin)	CD		1.80	0.100	4.0	90	100	120	8
Average			30	1.65	0.214	3.5	85	100	125	8
H082405	sil v (tuff origin)	CD	5	2.00	0.300	1.0	70	300	120	10
H082505	sil tuff with qtz v	CD	10	0.60	1.300	37.0	210	1,500	170	8
A080202	qtz v	CD	5	0.50	0.100	10.0	90	600	160	6
A080203	qtz v	CD	5	0.50	1.500	11.0	60	300	180	6
A080305	qtz v	CD	5	0.15	0.700	5.0	90	200	80	3
A080402	sil tuff with dr qz net	CD	-	-	0.750	tr	10	100	280	7
A080407	dr qtz v	CD	5	0.15	0.800	4.0	20	200	60	7
A080408	sil v with qtz net	CD	5	1.40	0.500	6.0	40	400	80	3
A080405	qtz v	CD		2.00	0.400	20.0	tr	300	120	6
A080406	qtz v	CD		7.00	0.200	tr	20	100	130	18
A080410	qtz v with hematite	CD		8.00	2.350	6.0	150	400	120	4
A080411	qtz v	CD		4.00	0.850	6.0	20	300	120	8
A080412	sil v with qtz net	CD		4.00	0.600	7.0	30	600	520	8
A080413	sil v with qtz net	CD		0.60	0.200	2.0	20	3,500	70	8
A080414	sil v with dr qtz net	CD		1.70	0.550	7.0	150	900	90	7
A080415	dr qtz v	CD		0.70	0.300	2.0	10	200	120	7
Average			410	3.50	1.002	5.6	65	424	177	2
A080710	sil v with qtz net	CD	70	4.00	0.650	3.0	30	200	80	7

Sample No.	Description	Area	Length (m)	Width (m)	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
A080808	sil v with qtz net	CD		2.00	0.500	5.0	10	200	90	15
A080809	sil v with qtz net	CD		3.00	0.650	4.0	10	100	140	10
Average			90	2.50	0.590	4.4	10	140	120	12
A080812	sil v with barite net	CD	5	1.30	0.300	2.0	20	tr	70	16
A080901	sil v with qtz net	CD	10	0.80	0.400	6.0	30	100	120	40
A080904	sil v with qtz net	CD	20	0.40	0.300	4.0	20	200	80	20
A081305	sil v with dr qtz net	CD		1.30	0.650	25.0	50	200	130	16
A081306	sil v with dr qtz net	CD		0.40	0.450	2.0	20	100	120	10
Average			120	0.85	0.603	19.6	43	176	128	15
A081505	sil v with dr qtz net	CD	20	0.50	0.550	5.0	10	200	120	7
A081601	sil v with milky white qtz	CD	30	4.00	0.550	3.0	40	tr	120	6
A081602	sil v with milky white qtz	CD		4.00	0.600	3.0	10	tr	80	9
A081604	sil v with milky white qtz	CD		2.00	0.500	2.0	10	tr	70	9
Average			100	3.00	0.567	2.7	10	50	77	9
A081605	sil v with qtz net	CD	10	4.00	0.250	3.0	20	tr	90	15
A081611	dr qtz v	CD	20	0.20	0.350	5.0	10	100	110	2
A081701	sil v with qtz net	CD		5.00	4.150	5.0	30	tr	70	2
A081702	sil v with massive white qtz	CD		2.00	0.150	2.0	10	100	110	3
Average			100	3.50	3.007	4.1	24	64	81	2
A081707	sil v with dr qtz net	CD	60	2.00	16.150	11.0	50	300	170	8
A082405	sil v with qtz net	CD	70	1.00	0.250	9.0	10	200	90	13
A082406	sil v with qtz net	CD	30	3.00	1.600	32.0	10	100	180	11
A082408	py imp sil v with qtz net	CD		0.30	3.500	97.0	20	1,300	200	526
A082409	sil v with qtz net	CD		0.30	0.350	11.0	60	900	180	13
A082410	sil v with qtz net	CD		2.00	0.450	21.0	260	200	150	8
Average			100	0.87	0.790	28.6	209	408	159	68
A082411	sil v with qtz net	CD	180	1.00	0.500	8.0	90	200	180	10
A082413	sil v with qtz net	CD	20	1.50	0.150	45.0	340	500	210	4
Y080401	qtz v	CD	20	0.35	1.950	8.0	20	200	100	1
Y080502	qtz v	CD		3.00	1.700	23.0	60	200	140	2
Y080503	qtz v	CD		2.70	2.850	23.0	30	200	90	5
Y080504	qtz v	CD		3.00	3.550	13.0	60	300	120	4
Y080505	qtz v	CD		4.00	2.850	10.0	50	200	140	10
Average			125	3.18	2.744	16.5	50	224	125	6
Y080508	sil tuff with qtz net	CD	40	3.50	1.450	22.0	60	200	120	43
Y080507	sil lap tuff with qtz net	CD		5.50	0.900	24.0	90	500	170	2
Y080509	sil lap tuff with qtz net	CD		3.00	2.600	5.0	80	200	230	35
Y080510	sil v (lap tuff origin)	CD		4.00	0.600	3.0	60	200	250	2
Average			140	4.17	1.212	12.7	78	332	210	10
Y080512	sil lap tuff with qtz net	CD	20	3.00	0.350	6.0	10	200	100	8
Y080514	sil tuff with qtz net	CD	50	1.20	1.500	4.0	80	200	110	6
Y080703	qtz v	CD	5	0.13	0.200	14.0	50	200	210	2
Y080705	qtz v	CD		0.55	0.400	2.0	110	200	250	1
Y080707	qtz v	CD		0.50	0.400	5.0	50	100	100	3
Average			120	0.53	0.400	3.4	81	152	179	2
Y080708	sil tuff	CD	5	1.30	0.250	3.0	40	200	250	4
Y080806	sil lap tuff	CD	10	5.50	0.600	2.0	80	100	160	10
Y080808	sil tuff	CD	20	3.00	0.600	tr	30	100	110	10
Y080905	arg tuff brec with qtz net	CD	10	0.25	1.900	2.0	30	100	130	9
Y081004	sil tuff with qtz net	CD	10	3.00	0.800	3.0	30	600	170	7
Y081011	sil tuff	CD	5	0.80	0.100	4.0	70	100	150	16
Y081304	qtz v	CD	20	0.08	0.650	18.0	120	700	470	8
Y081413	qtz v and sil zone	CD	5	1.80	0.250	4.0	40	100	120	146
Y081604	qtz v	CD	5	0.45	0.300	2.0	40	500	100	12
Y081902	qtz v	CD	5	0.45	0.300	8.0	50	400	200	15

Sample No.	Description	Area	Length (m)	Width (m)	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
Y081907	sil tuff	CD	70	0.71	tr	4.0	90	300	160	16
Y083101	sil tuff (wall of qtz vein)	CD	70	3.50	0.300	8.0	130	800	390	10
Y083102	galena imp qtz calcite v	CD	10	0.20	0.400	47.0	100	24,600	520	29
Y082104	galena imp calcite v	CD	10	0.15	0.150	15.0	920	12,100	190	7
Y082106	Pb imp sil v with dr qtz net	CD	70	0.70	2.250	28.0	250	3,400	610	13
H072509	dr qtz v	CS	5	0.20	1.350	2.0	180	500	160	62
Y072502	sheared qtz v	CS	5	0.50	0.700	157.0	160	1,500	110	21
A090807	cp imp granodiorite	PE	10	1.00	0.300	5.0	4,660	tr	160	8
A091701	porous sil rock (rolling)	PE	-	-	0.250	7.0	tr	300	150	13
A092006	dr qtz v	PE	5	0.10	1.000	4.0	50	100	110	5
A092202	cp py bearing skarn	PE		1.50	0.250	7.0	80	100	290	15
A092208	cp py bearing skarn	PE		1.00	0.100	16.0	2,790	100	210	26
Average			70	1.25	0.190	10.6	1,164	100	258	19
A092407	sil v with qtz net	PE	10	0.50	0.050	6.0	180	200	140	12
Y090903	qtz v	PE	5	0.50	0.900	4.0	70	200	190	5
Y090904	iron oxide	PE	10	10.00	1.200	2.0	1,060	tr	200	13
Y091003	qtz v	PE	5	0.20	tr	1.0	30	tr	140	5

Abbreviations
arg:argillized, brec:breccia, cp:calcopyrite, dr:drusy, imp:impregnated, lap:lapilli, net:network vein, py:pyrite, qtz:quartz, sil:silicified, v:vein
CD:Chontali, CS:Chontali South, PE:Peña Blanca

Apx. 11 Assay Results of Drilling Core

(1)

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Mo (ppm)
	60.90 ~ 61.95	1.05	dr qtz v	1.933	239	0.14	1.40	12.50	10
	61.95 ~ 63.20	1.25	〃	1.733	78	0.04	3.90	13.40	12
MJPJ-1	63.20 ~ 64.40	1.20	〃	1.333	29	0.02	1.90	3.30	12
	64.40 ~ 65.55	1.15	〃	1.400	50	0.02	1.30	2.60	12
	Average	4.65		1.593	95	0.05	2.18	7.92	12
	65.55 ~ 66.50	0.95	sil wk arg chl lp tf	0.900	70	0.06	0.90	5.30	4
	66.50 ~ 67.45	0.95	〃	0.567	18	0.02	0.80	2.60	6
	Average	1.90		0.734	44	0.04	0.85	3.95	5
	67.45 ~ 68.60	1.15	wk sil wk arg chl tf	0.333	14	0.02	0.70	1.90	6
	68.60 ~ 69.50	0.90	〃	0.300	9	0.02	0.40	1.20	7
	Average	2.05		0.319	12	0.02	0.57	1.59	6
	81.50 ~ 82.85	1.35	sil arg lp tf	0.267	87	0.52	0.07	0.14	9
	87.05 ~ 88.15	1.10	sil arg chl lp tf	nd	20	0.04	0.06	0.11	10
	88.15 ~ 89.30	1.15	〃	0.200	6	0.04	0.04	0.31	6
	Average	2.25		0.102	13	0.04	0.05	0.21	8
	128.58 ~ 129.95	1.37	sil arg tf	0.067	5	0.03	0.07	0.42	6
	129.95 ~ 131.40	1.45	〃	0.067	14	0.03	0.11	0.44	8
	131.40 ~ 132.60	1.20	sil arg chl lp tf	nd	6	0.03	0.05	0.44	11
	132.60 ~ 133.70	1.10	〃	tr	5	0.03	0.06	0.52	6
	133.70 ~ 133.80	0.10	〃	nd	4	0.02	0.03	0.41	12
	Average	5.22		0.036	8	0.03	0.07	0.45	8
	172.55 ~ 174.05	1.50	sil arg lp tf	0.033	8	0.03	0.17	0.60	6
	174.05 ~ 175.55	1.50	〃	0.133	10	0.03	0.30	1.00	1
	175.55 ~ 177.00	1.45	〃	0.167	13	0.04	0.18	1.30	1
	177.00 ~ 178.45	1.45	〃	0.200	8	0.04	0.25	1.50	3
	Average	5.90		0.132	10	0.03	0.23	1.09	3
	184.80 ~ 186.00	1.20	sil arg lp tf	0.033	9	0.03	0.23	0.70	2
	186.00 ~ 187.25	1.25	〃	nd	6	0.03	0.23	0.50	nd
	187.25 ~ 188.40	1.15	〃	tr	9	0.04	0.06	0.22	1
	188.40 ~ 189.60	1.20	〃	nd	8	0.04	0.20	0.59	4
	189.60 ~ 190.80	1.20	〃	0.433	6	0.05	0.14	0.42	3
	190.80 ~ 192.00	1.20	〃	0.400	11	0.05	0.27	0.90	5
	192.00 ~ 193.80	1.80	〃	0.333	8	0.05	0.15	0.70	5
	Average	9.00		0.182	8	0.04	0.18	0.58	3
	209.85 ~ 211.20	1.35	sil arg chl lp tf	nd	5	0.03	0.47	0.90	4
	211.20 ~ 212.60	1.40	〃	0.400	7	0.04	0.35	0.70	8
	212.60 ~ 214.00	1.40	〃	0.200	6	0.04	0.30	0.90	8
	214.00 ~ 215.05	1.05	arg chl lp tf	0.100	6	0.04	0.40	2.80	4
	Average	5.20		0.182	6	0.04	0.38	1.23	6
	289.70 ~ 291.20	1.50	sil arg chl lp tf	nd	8	0.04	0.03	0.22	16
	291.20 ~ 292.60	1.40	〃	tr	9	0.03	0.05	0.33	8
	292.60 ~ 294.10	1.50	〃	0.133	84	0.03	0.04	0.41	9
	294.10 ~ 295.60	1.50	〃	0.067	10	0.05	0.03	0.31	10
	295.60 ~ 297.05	1.45	〃	0.100	26	0.04	0.04	0.10	8
	Average	7.35		0.061	28	0.04	0.04	0.27	10
	306.80 ~ 308.20	1.40	sil wk arg lp tf	tr	19	0.07	0.03	0.03	7
	308.20 ~ 309.60	1.40	〃	0.100	57	0.07	0.04	0.04	10
	309.60 ~ 311.00	1.40	〃	tr	8	0.07	0.03	0.02	7
	311.00 ~ 312.40	1.40	〃	0.067	16	0.04	0.03	0.03	10
	312.40 ~ 313.80	1.40	〃	0.500	14	0.10	0.02	0.07	12
	Average	7.00		0.133	23	0.07	0.03	0.04	9

Remark nd : not detected tr : trace

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Mo (ppm)
	42.00 ~ 43.10	1.10	sil wk arg lp tf	0.900	8	0.27	0.05	0.12	10
	43.10 ~ 44.85	1.75	dr qtz v	1.200	326	2.15	0.40	0.60	17
MJPJ-2	44.85 ~ 47.15	2.30	〃	1.150	354	2.42	0.60	0.40	10
	47.15 ~ 48.65	1.50	sil wk chl lp tf	0.567	4	0.07	0.04	0.49	12
	48.65 ~ 50.30	1.65	〃	0.633	33	0.04	0.47	1.10	14
	Average	8.30		0.919	175	1.18	0.36	0.56	13
	64.85 ~ 66.10	1.25	sil arg wk chl tf	0.100	9	0.05	0.39	0.70	15
	76.75 ~ 78.50	1.75	sil wk arg chl lp tf	0.667	6	0.04	0.43	0.30	15
	78.50 ~ 79.90	1.40	wk sil wk arg chl lp tf	0.400	6	0.04	0.15	0.30	12
	79.90 ~ 81.30	1.40	limo sil wk arg wk chl lp tf	0.533	4	0.00	0.06	0.11	4
	81.30 ~ 82.40	1.10	〃	0.500	4	0.00	0.10	0.19	nd
	82.40 ~ 83.60	1.20	sil arg lp tf	0.333	9	0.00	0.27	0.80	1
	83.60 ~ 84.70	1.10	limo wk sil arg wk chl lp tf	0.400	46	0.01	0.18	0.70	nd
	84.70 ~ 85.80	1.10	〃	0.400	3	0.00	0.26	0.45	13
	85.80 ~ 87.00	1.20	〃	0.233	4	0.00	0.13	0.28	5
	87.00 ~ 88.45	1.45	sil arg wk chl lp tf	0.300	4	0.01	0.15	0.40	nd
	88.45 ~ 89.80	1.35	wk sil arg wk chl lp tf	0.400	6	0.00	0.14	0.42	1
	89.80 ~ 91.20	1.40	sil wk arg chl lp tf	0.267	8	0.00	0.15	0.36	4
	91.20 ~ 92.90	1.70	〃	0.633	3	0.01	0.26	0.90	2
	92.90 ~ 94.55	1.65	〃	0.500	5	0.00	0.26	0.90	2
	Average	17.80		0.440	8	0.01	0.20	0.48	5
	127.55 ~ 128.80	1.25	sil wk arg wk chl tf	0.200	15	0.46	0.10	0.09	3
	128.80 ~ 130.20	1.40	sil arg wk chl tf	0.333	19	0.42	0.07	0.07	1
	130.20 ~ 131.75	1.55	sil wk arg chl tf	0.067	13	0.51	0.10	0.18	1
	131.75 ~ 133.30	1.55	〃	0.033	11	0.41	0.09	0.50	4
	133.30 ~ 134.95	1.65	〃	0.133	15	0.58	0.04	0.50	1
	134.95 ~ 136.00	1.05	sil arg chl lp tf	0.133	7	0.19	0.03	0.42	3
	136.00 ~ 137.20	1.20	sil arg wk chl tf	0.333	8	0.23	0.03	0.48	5
	137.20 ~ 138.30	1.10	〃	0.300	10	0.25	0.04	0.80	4
	Average	10.75		0.182	13	0.40	0.06	0.37	3
	150.10 ~ 151.50	1.40	sil arg tf	0.300	25	0.02	0.21	0.21	6
	151.50 ~ 153.05	1.55	〃	0.100	13	0.01	0.16	0.26	4
	153.05 ~ 154.65	1.60	〃	0.233	7	0.02	0.19	0.60	5
	154.65 ~ 156.10	1.45	〃	0.300	17	0.03	0.16	3.00	2
	156.10 ~ 157.50	1.40	〃	0.100	6	0.00	0.16	3.00	3
	157.50 ~ 158.70	1.20	〃	0.033	6	0.01	0.16	3.30	5
	158.70 ~ 160.00	1.30	sil arg wk chl tf	0.100	5	0.01	0.25	2.40	7
	160.00 ~ 161.05	1.05	〃	0.133	6	0.00	0.28	2.40	7
	161.05 ~ 162.00	0.95	sil arg tf	nd	6	0.01	0.28	2.00	8
	162.00 ~ 163.60	1.60	sil arg chl tf	tr	6	0.01	0.37	1.00	5
	163.60 ~ 165.00	1.40	sil wk arg tf	nd	5	0.01	0.29	1.60	2
	165.00 ~ 166.40	1.40	〃	nd	6	0.00	0.22	1.20	3
	Average	16.30		0.112	9	0.01	0.23	1.67	5
	175.10 ~ 177.60	2.50	sil arg tf	nd	6	0.01	0.24	1.70	3
	177.60 ~ 179.30	1.70	wk limo sil wk arg wk chl tf	nd	9	0.01	0.43	1.50	6
	179.30 ~ 181.00	1.70	sil arg tf	nd	10	0.01	0.63	2.60	7
	181.00 ~ 182.70	1.70	〃	nd	16	0.02	0.86	2.80	8
	Average	7.60		0.000	10	0.01	0.51	2.10	6
	187.45 ~ 189.80	2.35	sil arg bre~wk chl tf	0.167	9	0.01	0.45	1.00	9
	208.35 ~ 210.00	1.65	sil arg bre lp tf	0.300	3	0.00	0.11	1.30	3
	210.00 ~ 211.65	1.65	〃	0.200	6	0.00	0.01	0.70	7
	Average	3.30		0.250	5	0.00	0.06	1.00	5

Remark nd : not detected tr : trace

Drill Hole	Depth (m)	Length (m)	Rock Name	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Mo (ppm)
	19.15 ~ 20.75	1.60	limo bre sil arg rock	1.433	133	0.05	0.09	0.02	8
	20.75 ~ 22.40	1.65	〃	8.733	694	0.05	0.14	0.02	8
MJPJ-3	22.40 ~ 24.15	1.75	〃	1.867	294	0.06	0.14	0.02	6
	Average	5.00		3.994	374	0.05	0.12	0.02	7
	36.25 ~ 37.60	1.35	sil arg bre zone	0.700	229	0.53	0.04	0.03	8
	37.60 ~ 38.95	1.35	〃	0.533	96	0.28	0.07	0.04	11
	38.95 ~ 40.30	1.35	〃	0.333	189	0.62	0.06	0.17	9
	40.30 ~ 41.65	1.35	〃	0.233	103	0.26	0.05	0.06	8
	41.65 ~ 43.00	1.35	〃	0.267	45	0.17	0.09	0.10	5
	43.00 ~ 44.35	1.35	〃	0.533	105	0.43	0.04	0.06	11
	44.35 ~ 45.70	1.35	〃	0.400	108	0.20	0.08	0.06	10
	45.70 ~ 47.05	1.35	〃	0.333	223	0.38	0.11	0.09	3
	47.05 ~ 48.40	1.35	〃	0.200	168	0.50	0.06	0.14	1
	48.40 ~ 50.00	1.60	sil wk arg bre zone	1.167	618	1.20	0.13	0.29	1
	50.00 ~ 51.60	1.60	〃	0.667	143	0.49	0.05	0.08	2
	51.60 ~ 53.20	1.60	〃	0.733	266	0.96	0.08	0.07	1
	53.20 ~ 54.80	1.60	〃	1.033	229	0.49	0.09	0.15	2
	54.80 ~ 56.40	1.60	〃	1.333	318	0.68	0.09	0.38	1
	56.40 ~ 58.00	1.60	〃	1.500	309	0.65	0.08	0.24	2
	58.00 ~ 59.35	1.35	sil arg wk chl bre zone	nd	75	0.21	0.10	0.19	1
	59.35 ~ 60.70	1.35	〃	0.567	65	0.25	0.06	0.06	3
	60.70 ~ 62.00	1.30	〃	0.533	43	0.24	0.08	0.21	2
	Average	25.75		0.642	193	0.49	0.08	0.14	4
	97.50 ~ 98.95	1.45	sil arg bre zone	0.867	103	0.39	0.09	0.06	2
	98.95 ~ 100.40	1.45	〃	0.967	262	0.65	0.10	0.08	6
	100.40 ~ 101.85	1.45	〃	0.384	14	0.03	0.07	0.02	6
	101.85 ~ 103.30	1.45	〃	0.333	8	0.01	0.12	0.08	6
	103.30 ~ 104.75	1.45	〃	0.500	32	0.07	0.07	0.03	2
	Average	7.25		0.610	84	0.23	0.09	0.05	4
	114.15 ~ 115.50	1.35	sil arg lp tf	1.667	84	0.25	0.11	0.09	4
	115.50 ~ 117.50	2.00	〃	1.633	37	0.03	0.19	0.70	9
	117.50 ~ 119.45	1.95	〃	1.667	66	0.06	0.17	0.06	4
	119.45 ~ 121.00	1.55	〃	1.033	45	0.07	0.15	0.10	2
	121.00 ~ 122.85	1.85	〃	3.833	310	0.34	0.18	0.16	2
	122.85 ~ 126.00	3.15	〃	0.300	33	0.05	0.10	0.08	1
	126.00 ~ 129.60	3.60	〃	0.700	71	0.39	0.09	0.04	1
	129.60 ~ 131.20	1.60	〃	0.833	72	0.17	0.12	0.06	nd
	131.20 ~ 132.85	1.65	〃	0.600	71	0.16	0.13	0.32	3
	132.85 ~ 134.35	1.50	〃	0.400	37	0.16	0.08	0.05	2
	Average	20.20		1.181	80	0.18	0.13	0.16	3
	176.15 ~ 178.50	2.35	sil arg chl lp tf	0.233	108	0.07	0.23	0.50	2
	178.50 ~ 180.10	1.60	〃	1.033	8	0.00	0.24	0.47	3
	Average	3.95		0.557	67	0.04	0.23	0.49	2

Remark nd:not detected tr:trace

Abbreviation arg:argillized, bre:brecciated, chl:chloritized, dr:drusy, limo:limonitized
lp:lapilli, qtz:quartz, sil:silicified, tf:tuff, v:vein, wk:weak

Apx. 12 Assay Results of Geochemical Rock Samples

(1)

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
1	A072401	C	tf ss	< 5	< 0.5	2	< 5	34	< 1
2	A072402	C	ande tf bre	< 5	< 0.5	2	< 5	86	< 1
3	A072404	C	ande lp tf	170	0.5	19	5	70	1
4	A072501	C	wht arg tf	15	< 0.5	82	15	220	< 1
5	A080201	C	lp tf	30	< 0.5	94	30	16	2
6	A080204	C	ande	200	< 0.5	149	30	220	< 1
7	A080206	C	ande tf	100	< 0.5	574	20	676	< 1
8	A080301	C	ande	20	< 0.5	3	< 5	36	< 1
9	A080401	C	ande tf bre	< 5	< 0.5	9	< 5	102	< 1
10	A080403	C	sil wk arg lp tf with qtz net	220	2.5	20	10	6	4
11	A080404	C	sil v 5cm	1,900	40.5	96	1,560	64	123
12	A080409	C	arg lp tf	250	1.0	3	40	2	3
13	A080501	C	sandy tf	75	< 0.5	151	15	92	1
14	A080502	C	lp tf	55	< 0.5	166	10	20	< 1
15	A080504	C	wht arg wk sil ande	5	< 0.5	11	20	< 2	1
16	A080701	C	chl lp tf	< 5	< 0.5	3	5	94	< 1
17	A080702	C	lp tf	10	< 0.5	430	20	160	< 1
18	A080703	C	volcanic conglomerate	25	< 0.5	337	5	120	3
19	A080707	C	chl tf bre	< 5	< 0.5	72	< 5	134	< 1
20	A080709	C	sil tf bre	115	< 0.5	24	185	20	2
21	A080801	C	wk arg lp tf	< 5	< 0.5	39	35	38	< 1
22	A080802	C	sil v 5cm	80	< 0.5	155	50	54	5
23	A080803	C	sil v 50cm	130	< 0.5	375	485	56	91
24	A080804	C	arg wk sil tf bre	75	0.5	24	10	4	3
25	A080805	C	sil v 5cm	5	< 0.5	11	65	< 2	2
26	A080806	C	sil v 40cm	20	< 0.5	11	30	< 2	13
27	A080807	C	sil v 2m with qtz net	10	< 0.5	91	40	4	3
28	A080811	C	lp tf	< 5	< 0.5	91	< 5	8	< 1
29	A080903	C	arg lp tf	10	< 0.5	66	100	22	< 1
30	A080906	C	chl lp tf	35	< 0.5	21	< 5	104	< 1
31	A080907	C	chl lp tf	< 5	< 0.5	12	15	102	< 1
32	A081001	C	calc shale (marl)	< 5	< 0.5	11	5	158	10
33	A081002	C	arg tf	< 5	< 0.5	14	10	218	13
34	A081003	C	calc shale	< 5	< 0.5	9	< 5	60	2
35	A081201	C	wk chl ande tf	< 5	< 0.5	23	< 5	40	< 1
36	A081202	C	wk chl tf bre	< 5	< 0.5	8	< 5	44	< 1
37	A081203	C	ande tf	< 5	< 0.5	120	10	80	< 1
38	A081204	C	wk chl tf bre	< 5	< 0.5	1	< 5	120	< 1
39	A081205	C	tf ss	< 5	< 0.5	3	50	36	< 1
40	A081206	C	hema shale	< 5	< 0.5	24	65	80	< 1
41	A081301	C	wk chl lp tf	35	< 0.5	58	40	386	2
42	A081302	C	wk sil chl lp tf	< 5	< 0.5	46	< 5	344	1
43	A081303	C	wk chl tf bre	< 5	< 0.5	78	< 5	72	< 1
44	A081307	C	chl-hema lp tf	5	< 0.5	52	5	46	< 1
45	A081308	C	chl lp tf	< 5	< 0.5	19	< 5	126	< 1
46	A081309	C	lp tf	10	< 0.5	17	< 5	48	< 1
47	A081401	C	chl-cal ande	< 5	< 0.5	34	< 5	564	< 1
48	A081402	C	ho-ande	< 5	< 0.5	2	< 5	94	< 1
49	A081403	C	hema-chl tf bre	< 5	< 0.5	4	< 5	66	< 1
50	A081404	C	chl ande tf	< 5	< 0.5	< 1	< 5	82	< 1
51	A081405	C	ho ande	5	< 0.5	15	< 5	74	< 1
52	A081406	C	fng ss	< 5	< 0.5	< 1	< 5	12	1
53	A081501	C	hema lp tf	< 5	< 0.5	48	< 5	86	< 1
54	A081502	C	chl cal tf	5	< 0.5	36	< 5	110	< 1
55	A081503	C	sil tf	125	0.5	23	140	58	2
56	A081504	C	ep cal lp tf	5	< 0.5	< 1	< 5	30	< 1
57	A081506	C	sil tf with qtz net	10	37.0	71	1,550	76	< 1
58	A081508	C	cal py fng tf	< 5	< 0.5	43	20	152	< 1
59	A081510	C	chl tf bre	5	< 0.5	271	< 5	124	< 1
60	A081511	C	tf bre	10	< 0.5	56	5	110	< 1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
61	A081512	C	chl lp tf	10	< 0.5	12	5	230	< 1
62	A081513	C	arg tf	40	< 0.5	81	< 5	92	< 1
63	A081603	C	arg lp tf	250	< 0.5	88	10	50	< 1
64	A081606	C	sil arg tf bre	120	1.0	26	40	16	8
65	A081608	C	arg tf bre	25	< 0.5	60	10	22	< 1
66	A081609	C	wk chl tf bre	< 5	< 0.5	27	< 5	78	< 1
67	A081610	C	ho and tf bre	5	< 0.5	< 1	< 5	48	< 1
68	A081703	C	sil rock	4,720	2.5	53	45	42	1
69	A081704	C	chl tf bre	5	< 0.5	7	< 5	68	< 1
70	A081705	C	ho ande tf bre	30	< 0.5	54	< 5	64	< 1
71	A081706	C	chl lp tf	4,190	1.5	258	25	76	2
72	A081801	C	black shale	15	< 0.5	16	15	< 2	< 1
73	A081802	C	tf ss	15	< 0.5	1	< 5	8	< 1
74	A081803	C	quartzite	10	< 0.5	2	< 5	2	< 1
75	A081804	C	quartzite	< 5	< 0.5	1	10	6	< 1
76	A081805	C	quartzite	5	< 0.5	1	< 5	< 2	< 1
77	A081806	C	quartzite	< 5	< 0.5	< 1	< 5	< 2	< 1
78	A081807	C	quartzite	< 5	< 0.5	< 1	< 5	< 2	< 1
79	A081808	C	limo quartzite	< 5	< 0.5	3	< 5	< 2	< 1
80	A081902	C	lp tf	< 5	< 0.5	85	< 5	84	< 1
81	A081903	C	wk chl lp tf	< 5	< 0.5	< 1	< 5	74	< 1
82	A081904	C	sil tf bre with qtz net	85	< 0.5	735	1,535	1,105	< 1
83	A082201	C	wk chl tf bre	< 5	< 0.5	28	15	98	< 1
84	A082202	C	wht fng tf	< 5	< 0.5	6	65	18	< 1
85	A082401	C	wht arg wk sil lp tf	260	< 0.5	66	45	10	1
86	A082402	C	limo sil v with qtz net 5m	80	< 0.5	238	10	1,350	< 1
87	A082403	C	sil v 1.5m	65	< 0.5	692	70	242	< 1
88	A082404	C	sil arg lp tf	45	< 0.5	480	100	374	< 1
89	A082407	C	wk sil arg csg tf	15	< 0.5	10	5	58	< 1
90	A082412	C	wht arg lp tf	95	0.5	31	145	20	3
91	A082414	C	chl lp tf	5	< 0.5	98	5	182	< 1
92	A082501	C	sil tf bre	10	< 0.5	19	20	8	< 1
93	A082502	C	wk sil lp tf with qtz net	65	< 0.5	53	< 5	8	5
94	A082503	C	arg lp tf	< 5	0.5	7	5	2	< 1
95	A082504	C	wk sil lp tf	< 5	< 0.5	42	20	18	2
96	H072401	C	chl tf bre	< 5	< 0.5	2	< 5	30	< 1
97	H072402	C	lp tf	10	< 0.5	69	15	28	3
98	H072403	C	tf	15	< 0.5	46	75	172	< 1
99	H072404	C	wk sil tf	75	< 0.5	80	10	30	1
100	H072405	C	wk sil dacite	< 5	< 0.5	71	< 5	82	< 1
101	H072502	C	chl lp tf	20	< 0.5	307	< 5	116	< 1
102	H072603	C	sil v with dr qtz net	< 5	< 0.5	7	55	34	1
103	H072901	C	chl tf	70	< 0.5	38	10	62	< 1
104	H072902	C	wk sil arg tf	15	< 0.5	42	5	48	< 1
105	H080701	C	wk sil arg lp tf with dr qtz net	25	1.5	25	60	6	4
106	H080702	C	wk sil arg tf	450	1.5	58	45	162	< 1
107	H080707	C	sil arg lp tf	75	< 0.5	287	25	144	< 1
108	H080709	C	sil arg tf bre with dr qtz net	175	1.0	21	75	10	< 1
109	H080714	C	wk sil arg tf with dr qtz net	25	< 0.5	69	< 5	56	1
110	H080802	C	wk sil arg lp tf with limo	60	< 0.5	36	5	70	< 1
111	H080807	C	wk sil arg lp tf	15	< 0.5	418	< 5	52	< 1
112	H080808	C	wk sil arg lp tf	5	< 0.5	63	< 5	122	< 1
113	H080901	C	wk sil arg lp tf	15	< 0.5	11	< 5	74	< 1
114	H081002	C	wk sil chl tf with qtz vlet	20	< 0.5	410	70	200	< 1
115	H081006	C	arg tf	830	3.0	28	5	12	3
116	H081007	C	chl tf with qtz vlet	25	< 0.5	7	< 5	82	< 1
117	H081201	C	chl lp tf	40	< 0.5	48	< 5	76	< 1
118	H081202	C	chl tf with qtz vlet	< 5	< 0.5	7	< 5	6	< 1
119	H081203	C	qp(?)	< 5	< 0.5	1	< 5	16	< 1
120	H081204	C	chl lp tf	< 5	< 0.5	81	< 5	96	< 1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
121	H081205	C	chl wk arg tf	< 5	< 0.5	80	< 5	84	< 1
122	H081206	C	tf	15	< 0.5	76	15	44	< 1
123	H081301	C	sil ande	< 5	< 0.5	47	< 5	34	< 1
124	H081302	C	weathered tf	< 5	< 0.5	15	10	46	< 1
125	H081303	C	tf	< 5	< 0.5	10	5	12	< 1
126	H081304	C	weathered tf with limo	< 5	< 0.5	< 1	< 5	94	< 1
127	H081305	C	tf	< 5	< 0.5	1	< 5	90	< 1
128	H081306	C	weathered chl tf	< 5	< 0.5	54	10	94	< 1
129	H081501	C	ande	< 5	< 0.5	13	< 5	112	< 1
130	H081502	C	weathered tf	< 5	< 0.5	62	< 5	86	< 1
131	H081503	C	weathered lp tf	15	< 0.5	62	5	86	< 1
132	H081601	C	chl tf with cal qtz vlet	< 5	< 0.5	19	< 5	22	< 1
133	H081602	C	cgs tf	< 5	< 0.5	129	< 5	28	< 1
134	H081701	C	wk sil arg tf	5	< 0.5	8	< 5	80	< 1
135	H081703	C	wk sil arg lp tf	< 5	< 0.5	166	10	10	< 1
136	H081704	C	weathered tf with limo net	< 5	< 0.5	86	25	174	< 1
137	H081801	C	wk sil arg lp tf	10	< 0.5	102	5	28	1
138	H081802	C	chl lp tf with limo net	5	< 0.5	64	< 5	100	< 1
139	H081803	C	chl wk arg tf	10	< 0.5	160	5	166	< 1
140	H081804	C	ande (dyke?)	5	< 0.5	10	< 5	72	< 1
141	H081805	C	weathered tf wk sil	< 5	< 0.5	62	5	48	< 1
142	H081901	C	arg limo tf	< 5	< 0.5	43	25	28	1
143	H081902	C	tf	< 5	< 0.5	25	15	24	< 1
144	H082201	C	weathered tf	5	< 0.5	13	< 5	12	< 1
145	H082202	C	wk sil arg tf	10	< 0.5	29	5	22	< 1
146	H082203	C	weathered chl tf	< 5	< 0.5	24	5	60	< 1
147	H082301	C	weathered chl tf	< 5	< 0.5	126	5	138	< 1
148	H082303	C	sil arg tf	420	6.0	10	40	2	4
149	H082406	C	sil tf bre	10	< 0.5	42	< 5	4	5
150	H082407	C	sil tf bre	20	< 0.5	7	< 5	< 2	2
151	H082501	C	wk sil arg tf	230	< 0.5	97	20	58	< 1
152	H082502	C	chl tf	< 5	< 0.5	46	< 5	98	< 1
153	H082503	C	wk sil chl tf	35	< 0.5	29	5	18	1
154	H082504	C	wk sil arg tf	85	0.5	12	10	14	1
155	H082506	C	wk sil arg tf	35	< 0.5	135	2,190	426	3
156	H082507	C	chl tf	25	< 0.5	80	45	96	< 1
157	H082508	C	chl tf	25	< 0.5	64	40	56	< 1
158	H082509	C	chl tf	140	< 0.5	12	15	96	< 1
159	H082510	C	ande	< 5	< 0.5	< 1	< 5	70	< 1
160	H082511	C	shale quartzite alternation	< 5	< 0.5	6	25	2	< 1
161	M082101	C	arg wk sil lp tf	60	< 0.5	581	< 5	40	< 1
162	M082103	C	arg tf bre	5	< 0.5	240	30	16	< 1
163	V082103	C	py diss sil chl tf	150	0.5	81	120	66	< 1
164	V082107	C	chl ande lp tf	< 5	< 0.5	24	< 5	88	< 1
165	Y072401	C	ande lp tf	< 5	< 0.5	42	< 5	68	< 1
166	Y072402	C	wht arg shale	< 5	< 0.5	2	15	30	1
167	Y072403	C	shale	5	< 0.5	6	10	10	< 1
168	Y072901	C	ande	5	< 0.5	103	185	576	< 1
169	Y072905	C	cal ss	< 5	< 0.5	1	< 5	12	< 1
170	Y072906	C	tf	< 5	< 0.5	4	20	24	< 1
171	Y073101	C	sil tf	< 5	< 0.5	103	5	26	< 1
172	Y080203	C	limo sil tf	< 5	< 0.5	< 1	5	4	2
173	Y080301	C	limo sil tf	< 5	< 0.5	2	< 5	70	< 1
174	Y080302	C	sil tf	< 5	< 0.5	< 1	< 5	46	< 1
175	Y080303	C	sil tf	< 5	< 0.5	< 1	15	44	< 1
176	Y080304	C	monzonite	< 5	< 0.5	49	< 5	72	< 1
177	Y080501	C	wk sil lp tf with qtz net	130	< 0.5	33	10	6	3
178	Y080506	C	wk arg lp tf	165	< 0.5	38	20	102	< 1
179	Y080511	C	wk sil lp tf	75	< 0.5	112	5	104	< 1
180	Y080513	C	arg wk sil tf	35	< 0.5	68	10	80	< 1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
181	Y080701	C	wk sil arg lp tf	< 5	< 0.5	40	20	48	< 1
182	Y080702	C	wk sil arg tf bre	55	< 0.5	132	10	36	1
183	Y080704	C	sil lp tf	200	< 0.5	58	5	14	3
184	Y080706	C	arg sil tf bre	170	< 0.5	118	5	128	2
185	Y080709	C	sil tf	45	0.5	8	< 5	4	< 1
186	Y080710	C	arg tf bre	< 5	< 0.5	33	< 5	92	< 1
187	Y080804	C	sil lp tf	< 5	< 0.5	1	< 5	< 2	< 1
188	Y080805	C	sil tf?	10	< 0.5	16	5	2	< 1
189	Y080807	C	sil lp tf with qtz v 8cm	50	< 0.5	25	5	14	1
190	Y080902	C	arg wk sil tf	170	1.0	145	5,190	494	4
191	Y080903	C	arg sil tf	40	< 0.5	109	30	106	< 1
192	Y080904	C	arg wk sil lp tf	25	< 0.5	28	10	122	< 1
193	Y080906	C	arg wk sil tf bre	70	< 0.5	16	20	54	< 1
194	Y080907	C	chl arg tf bre	35	< 0.5	9	5	52	< 1
195	Y080908	C	limo arg lp tf	10	< 0.5	166	5	78	< 1
196	Y080909	C	sil arg tf bre	20	< 0.5	82	< 5	112	< 1
197	Y081001	C	chl lp tf	3	< 0.5	10	< 5	194	< 1
198	Y081002	C	sil tf	5	< 0.5	84	< 5	190	< 1
199	Y081003	C	wk sil arg lp tf	< 5	< 0.5	6	35	20	< 1
200	Y081007	C	cal tf?	10	< 0.5	7	10	240	< 1
201	Y081008	C	arg sil tf	20	< 0.5	73	15	46	1
202	Y081010	C	sil tf	35	< 0.5	183	1,455	2,440	21
203	Y081012	C	arg wk sil lp tf	15	< 0.5	273	75	136	2
204	Y081201	C	wk chl ande lp tf	< 5	< 0.5	13	10	98	< 1
205	Y081202	C	arg tf	< 5	< 0.5	23	< 5	78	< 1
206	Y081203	C	arg lp tf	< 5	< 0.5	145	< 5	82	< 1
207	Y081204	C	arg lp tf	65	< 0.5	44	15	100	< 1
208	Y081301	C	chl lp tf	30	< 0.5	82	2,350	398	< 1
209	Y081303	C	chl lp tf with cal net	< 5	< 0.5	62	25	62	< 1
210	Y081305	C	arg ande lp tf	20	< 0.5	71	35	48	1
211	Y081306	C	sil lp tf	375	< 0.5	49	25	10	8
212	Y081401	C	sil lp tf	370	< 0.5	17	80	56	11
213	Y081402	C	chl lp tf with cal net	< 5	< 0.5	25	< 5	42	< 1
214	Y081405	C	chl lp tf with cal net	5	< 0.5	22	5	36	< 1
215	Y081406	C	wk chl lp tf	10	< 0.5	60	5	122	< 1
216	Y081407	C	wk chl lp tf	20	< 0.5	63	5	126	1
217	Y081408	C	wk sil chl lp tf py diss	530	< 0.5	26	< 5	86	< 1
218	Y081409	C	chl lp tf	15	< 0.5	60	5	100	2
219	Y081410	C	wk sil arg tf	3	< 0.5	2	5	8	2
220	Y081412	C	sil tf bre	50	1.0	60	670	58	5
221	Y081414	C	sil tf	65	6.5	77	30	294	2
222	Y081501	C	wk chl lp tf	45	< 0.5	71	10	98	< 1
223	Y081502	C	wk sil tf	< 5	< 0.5	33	5	40	< 1
224	Y081503	C	weathered tf	35	1.0	79	690	270	8
225	Y081504	C	weathered lp tf	< 5	< 0.5	116	10	18	< 1
226	Y081505	C	weathered lp tf	20	< 0.5	19	10	22	< 1
227	Y081506	C	sil arg tf	< 5	< 0.5	1	15	4	< 1
228	Y081601	C	chl tf	< 5	< 0.5	59	< 5	76	< 1
229	Y081602	C	chl tf	< 5	< 0.5	64	< 5	66	< 1
230	Y081603	C	cal weak sil chl tf	10	< 0.5	53	< 5	92	< 1
231	Y081605	C	sil arg tf	425	< 0.5	132	5	24	2
232	Y081606	C	wk chl lp tf	< 5	< 0.5	54	< 5	82	< 1
233	Y081701	C	wk arg tf	10	< 0.5	6	< 5	102	< 1
234	Y081702	C	weathered wk sil arg lp tf	15	< 0.5	75	35	96	1
235	Y081704	C	sil tf	100	3.5	45	595	150	4
236	Y081705	C	weathered lp tf	20	< 0.5	62	15	122	2
237	Y081706	C	wk sil chl lp tf	40	< 0.5	30	20	56	3
238	Y081707	C	weathered lp tf	< 5	< 0.5	72	5	92	< 1
239	Y081708	C	wk sil arg fine tf	< 5	< 0.5	1	< 5	10	< 1
240	Y081801	C	wk arg tf bre	< 5	< 0.5	4	5	18	< 1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
241	Y081802	C	wethered wk chl tf	< 5	< 0.5	448	< 5	96	< 1
242	Y081803	C	wk chl arg dacitic tf bre	< 5	< 0.5	9	< 5	34	< 1
243	Y081804	C	sil dacitic tf bre hema diss	< 5	< 0.5	31	25	4	< 1
244	Y081805	C	arg fine laminated tf	< 5	< 0.5	12	55	46	1
245	Y081806	C	fng quartzite	< 5	< 0.5	5	< 5	2	1
246	Y081901	C	tf bre	290	1.0	24	135	130	23
247	Y081903	C	wk sil arg tf	75	< 0.5	1	30	2	1
248	Y081904	C	arg lp tf	10	< 0.5	< 1	5	< 2	< 1
249	Y081908	C	sil tf	3,020	1.5	151	25	16	5
250	Y081909	C	arg lp tf	100	< 0.5	28	< 5	< 2	< 1
251	Y082202	C	wk chl tf	< 5	< 0.5	29	< 5	78	< 1
252	Y082203	C	wk chl ande	< 5	< 0.5	50	5	86	< 1
253	Y082204	C	weathered	< 5	< 0.5	50	< 5	62	< 1
254	Y082205	C	sil tf with qtz v	85	16.0	246	75	52	3
255	Y082206	C	ande dyke	15	4.5	72	15	38	1
256	Y082301	C	wk chl tf	< 5	< 0.5	36	5	36	< 1
257	Y082302	C	ande tf	< 5	< 0.5	6	< 5	72	< 1
258	Y082401	C	monzonite	< 5	< 0.5	6	< 5	164	< 1
259	Y082402	C	monzonite	< 5	< 0.5	3	< 5	136	< 1
260	Y082403	C	weathered tf	< 5	< 0.5	5	10	72	< 1
261	Y082404	C	quartzite	< 5	< 0.5	4	15	88	1
262	Y082405	C	sil tf	< 5	< 0.5	< 1	10	110	1
263	Y082406	C	dacitic tf	5	< 0.5	18	15	116	< 1
264	Y082501	C	quartzite	< 5	< 0.5	3	30	12	1
265	Y082502	C	tf shale	< 5	< 0.5	13	185	294	2
266	Y082503	C	quartzite	< 5	< 0.5	3	< 5	6	1
267	Y082504	C	silty tf	< 5	< 0.5	< 1	15	8	1
268	Y082505	C	weathered shale	< 5	< 0.5	12	45	118	< 1
269	Y082603	C	silty tf	< 5	< 0.5	< 1	5	6	< 1
270	Y082604	C	quartzite	< 5	< 0.5	4	< 5	20	1
271	A072502	CS	wk arg grdio	< 5	< 0.5	74	< 5	92	1
272	A072503	CS	arg grdio py diss	25	< 0.5	101	10	50	2
273	A072504	CS	wk arg grdio	< 5	< 0.5	160	10	230	2
274	A072505	CS	fresh grdio	< 5	< 0.5	28	< 5	42	1
275	A072506	CS	grdio	< 5	< 0.5	27	< 5	58	1
276	A072507	CS	grdio	< 5	< 0.5	112	< 5	24	1
277	A072508	CS	ande dyke?	< 5	< 0.5	10	< 5	56	1
278	A072509	CS	fng ande	< 5	< 0.5	58	< 5	102	2
279	A072510	CS	prop ande	< 5	< 0.5	58	< 5	108	3
280	A072511	CS	prop ande py diss	< 5	< 0.5	52	5	96	2
281	A072512	CS	fng grdio	5	< 0.5	41	< 5	84	1
282	A072601	CS	prop lp tf	< 5	< 0.5	3	< 5	20	< 1
283	A072602	CS	gr porphyry	< 5	< 0.5	1	20	34	1
284	A072603	CS	prop ande	< 5	< 0.5	73	5	50	1
285	A072604	CS	grdio	25	< 0.5	76	5	20	1
286	A072701	CS	sil tf	< 5	< 0.5	51	10	64	2
287	A072703	CS	wht arg tf bre	25	< 0.5	5	15	2	18
288	A072704	CS	wht arg tf bre	< 5	< 0.5	36	5	8	11
289	A072705	CS	wht arg tf	< 5	< 0.5	8	5	18	36
290	A072706	CS	dacitic tf bre	< 5	< 0.5	78	15	96	1
291	A073001	CS	ande	< 5	< 0.5	49	25	78	2
292	A073002	CS	wk chl ande	< 5	< 0.5	79	< 5	70	< 1
293	A073003	CS	tf	5	< 0.5	1	< 5	98	2
294	A073101	CS	wk arg tf bre	< 5	< 0.5	130	< 5	70	1
295	A073102	CS	wk arg ande	< 5	< 0.5	66	5	112	1
296	A073103	CS	lp tf	< 5	< 0.5	66	10	70	1
297	A073104	CS	wk arg sil lp tf	245	< 0.5	43	20	10	3
298	A080101	CS	sil ande	10	< 0.5	22	5	6	1
299	A080102	CS	chl ande qtz vlet	< 5	< 0.5	5	5	64	2
300	A080103	CS	grdio	< 5	< 0.5	30	10	170	1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
301	A080104	CS	chl cal ande	< 5	< 0.5	95	20	74	1
302	A080105	CS	grdio	< 5	< 0.5	106	210	1,740	1
303	A082601	CS	sandy shale	< 5	< 0.5	50	< 5	80	2
304	A082603	CS	felsite	< 5	< 0.5	10	5	10	< 1
305	A082604	CS	dacitic lp tf	< 5	< 0.5	22	5	64	2
306	A082901	CS	rhyo dyke	< 5	< 0.5	6	10	26	1
307	A082905	CS	weathered lp tf	< 5	< 0.5	20	10	18	1
308	A082906	CS	glassy ande	< 5	< 0.5	18	< 5	32	< 1
309	A082909	CS	rhyo lp tf	< 5	< 0.5	1	< 5	12	< 1
310	A082913	CS	rhyo lava?	< 5	< 0.5	< 1	< 5	6	3
311	A082914	CS	acidic tf	< 5	< 0.5	2	< 5	8	3
312	A083002	CS	sil rock with qtz net	65	< 0.5	4	10	2	5
313	A083004	CS	chl lp tf	< 5	< 0.5	249	5	134	4
314	A083005	CS	sil qtz net	70	< 0.5	17	15	12	13
315	A083006	CS	sil arg tf	25	< 0.5	27	10	44	< 1
316	H072504	CS	chl tf bre with cal net	10	< 0.5	53	3	84	2
317	H072505	CS	chl grdio	< 5	< 0.5	45	15	92	< 1
318	H072506	CS	arg tf	< 5	< 0.5	139	5	48	2
319	H072507	CS	qp	< 5	< 0.5	8	20	46	< 1
320	H072508	CS	lp tf	< 5	< 0.5	82	25	124	< 1
321	H072510	CS	sil tf	< 5	< 0.5	3	15	6	< 1
322	H072511	CS	ho bio chl ande	< 5	< 0.5	43	< 5	36	1
323	H072512	CS	chl ande	< 5	< 0.5	133	< 5	56	1
324	H072513	CS	chl tf bre with cal net	< 5	< 0.5	4	10	98	1
325	H072601	CS	chl arg tf bre with cal net	10	< 0.5	7	5	132	2
326	H072605	CS	qp	5	< 0.5	2	25	16	< 1
327	H072606	CS	wk chl tf	< 5	< 0.5	17	10	44	1
328	H072607	CS	weathered lp tf	10	< 0.5	52	< 5	90	3
329	H072702	CS	wk sil tf	45	< 0.5	34	15	10	3
330	H072703	CS	sil arg tf	115	< 0.5	46	5	30	31
331	H073001	CS	weathered lp tf	< 5	< 0.5	16	5	182	2
332	H073002	CS	tf sh	< 5	< 0.5	4	5	48	1
333	H073003	CS	ande	< 5	< 0.5	44	< 5	60	2
334	H073004	CS	wk sil arg lp tf	10	< 0.5	10	10	32	11
335	H073005	CS	tf	< 5	< 0.5	71	< 5	100	1
336	H083001	CS	weathered wk arg tf	5	< 0.5	77	10	104	5
337	H083002	CS	wk sil tf ss	< 5	< 0.5	165	10	60	3
338	H083003	CS	rhyo dyke	< 5	< 0.5	19	< 5	10	1
339	H083004	CS	wk arg lp tf	< 5	< 0.5	18	5	94	1
340	H083005	CS	weathered tf	< 5	< 0.5	74	5	72	4
341	H083006	CS	dacitic tf	< 5	< 0.5	9	< 5	8	< 1
342	H083007	CS	dacite (or tf)	5	< 0.5	< 1	5	2	1
343	V073001	CS	chl ande lava	< 5	< 0.5	57	5	150	1
344	V073002	CS	ande lava	5	< 0.5	3	85	56	< 1
345	V073003	CS	ande lava	< 5	< 0.5	47	10	120	1
346	V082301	CS	grdio	15	< 0.5	214	5	32	6
347	V082303	CS	grdio	5	< 0.5	46	5	34	2
348	V082304	CS	grdio	< 5	< 0.5	34	10	78	1
349	V082305	CS	ep grdio	< 5	< 0.5	41	5	48	1
350	V082306	CS	lp tf	20	< 0.5	142	5	2,850	2
351	V082307	CS	ep grdio	< 5	< 0.5	26	< 5	354	1
352	Y072405	CS	sil ande	< 5	< 0.5	1	< 5	16	< 1
353	Y072501	CS	ande tf	< 5	< 0.5	8	< 5	80	2
354	Y072504	CS	gr	< 5	< 0.5	60	< 5	38	1
355	Y072505	CS	dio	< 5	< 0.5	20	< 5	52	< 1
356	Y072601	CS	wk chl dacite	< 5	< 0.5	1	< 5	50	< 1
357	Y072602	CS	limo arg tf	35	< 0.5	38	15	22	5
358	Y072603	CS	chl ande	< 5	< 0.5	42	15	110	1
359	Y072604	CS	wk ep dacitic lp tf	20	< 0.5	16	5	68	1
360	Y072605	CS	wk chl ande py diss	7,020	17.0	44	15	88	1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
361	Y072701	CS	sil tf bre py diss	240	< 0.5	90	< 5	40	4
362	Y072702	CS	argi lp tf	35	< 0.5	5	10	84	2
363	Y072703	CS	argi lp tf	< 5	< 0.5	10	10	12	2
364	Y073001	CS	qtz v	< 5	< 0.5	7	10	14	< 1
365	Y073002	CS	wk chl ande	< 5	< 0.5	52	< 5	74	< 1
366	Y073003	CS	dacitic lp tf	< 5	< 0.5	45	5	82	3
367	Y073004	CS	dacitic lp tf	5	< 0.5	32	10	82	3
368	Y073005	CS	arg ande	< 5	< 0.5	60	10	94	8
369	Y073006	CS	ande lp tf py diss	< 5	< 0.5	81	< 5	48	< 1
370	Y073007	CS	ep ande	< 5	< 0.5	51	< 5	98	1
371	Y073008	CS	monzonite	< 5	< 0.5	4	5	68	1
372	Y073102	CS	wk chl ande tf	5	< 0.5	3	5	38	< 1
373	Y073103	CS	ande (dyke?)	5	< 0.5	65	5	68	2
374	Y073104	CS	wk chl dacite	< 5	< 0.5	24	< 5	76	1
375	Y073105	CS	monzonite	< 5	< 0.5	88	< 5	56	1
376	Y073106	CS	arg chl ande	< 5	< 0.5	374	< 5	74	1
377	Y080101	CS	chl ande	5	< 0.5	39	15	294	1
378	Y080102	CS	csg dio	< 5	< 0.5	12	15	88	< 1
379	Y080103	CS	chl dio	15	< 0.5	24	15	38	1
380	Y082201	CS	tf bre with cal net	385	< 0.5	25	5	64	2
381	Y082207	CS	sil tf	10	< 0.5	10	< 5	16	< 1
382	Y082901	CS	weathered ande tf	< 5	< 0.5	4	< 5	98	1
383	Y082902	CS	chl tf	< 5	< 0.5	43	5	80	2
384	Y082903	CS	wht arg tf	10	< 0.5	17	105	22	3
385	Y082904	CS	weathered ande tf	10	< 0.5	39	40	124	2
386	Y082905	CS	weathered tf	10	< 0.5	33	< 5	96	1
387	Y082906	CS	wht arg tf	15	< 0.5	36	5	68	< 1
388	Y082907	CS	dacitic tf	15	< 0.5	42	< 5	70	2
389	Y083001	CS	wk ep chl tf	5	< 0.5	13	< 5	70	1
390	Y083002	CS	wk chl tf bre	10	< 0.5	6	< 5	66	2
391	Y083003	CS	weathered tf	< 5	< 0.5	32	< 5	74	1
392	Y083004	CS	weathered tf	< 5	< 0.5	32	< 5	42	1
393	Y083005	CS	wht weathered tf	< 5	< 0.5	79	5	58	1
394	Y083006	CS	wk chl tf	< 5	< 0.5	12	5	76	1
395	Y083007	CS	cal fine tf	< 5	< 0.5	51	5	62	1
396	Y083008	CS	dacitic tf	< 5	< 0.5	9	< 5	94	1
397	A090401	PB	hornf ss	< 5	< 0.5	37	< 5	20	4
398	A090402	PB	semischist	< 5	< 0.5	101	10	20	6
399	A090403	PB	semischist	< 5	< 0.5	4	5	38	1
400	A090404	PB	tf ss	< 5	< 0.5	1	< 5	48	4
401	A090405	PB	sh	< 5	< 0.5	32	< 5	26	2
402	A090406	PB	pelitic semischist	< 5	< 0.5	16	< 5	34	2
403	A090501	PB	phyllite	< 5	< 0.5	20	< 5	44	1
404	A090502	PB	tf bre	< 5	< 0.5	26	< 5	14	< 1
405	A090503	PB	sandy tf	< 5	< 0.5	2	10	34	< 1
406	A090702	PB	siltstone	< 5	< 0.5	122	10	122	3
407	A090801	PB	tf ss	< 5	< 0.5	32	10	110	2
408	A090803	PB	lp tf	< 5	< 0.5	24	< 5	212	< 1
409	A090804	PB	grdio py diss	< 5	< 0.5	284	< 5	28	1
410	A090805	PB	grdio porphyry	485	3.0	4,470	< 5	70	6
411	A090806	PB	grdio	5	< 0.5	141	< 5	26	23
412	A090901	PB	marl	< 5	3.0	19	210	278	1
413	A090902	PB	fng grdio	< 5	< 0.5	4	< 5	82	1
414	A090903	PB	grdio porphyry	< 5	< 0.5	2	< 5	84	2
415	A090905	PB	diorite	15	< 0.5	36	< 5	18	1
416	A090906	PB	sil rock	20	2.0	15	65	12	64
417	A090907	PB	sh	< 5	< 0.5	45	10	26	2
418	A090908	PB	sh	< 5	< 0.5	54	< 5	22	2
419	A090909	PB	sh	< 5	< 0.5	74	5	92	3
420	A090910	PB	ande lava or welded tf	< 5	< 0.5	7	< 5	48	1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
421	A091401	PB	sil welded tf	< 5	< 0.5	1	5	140	1
422	A091501	PB	fng grdio	< 5	< 0.5	25	< 5	62	1
423	A091502	PB	fng grdio	< 5	< 0.5	1	< 5	84	< 1
424	A092001	PB	weathered tf	< 5	< 0.5	18	< 5	42	2
425	A092002	PB	phyllite	< 5	< 0.5	< 1	< 5	42	2
426	A092003	PB	ss	< 5	< 0.5	1	< 5	20	1
427	A092004	PB	ss	< 5	< 0.5	37	10	6	1
428	A092005	PB	sh	< 5	< 0.5	2	< 5	2	< 1
429	A092007	PB	tf sh	< 5	< 0.5	< 1	< 5	30	1
430	A092203	PB	marble	< 5	< 0.5	1	< 5	< 2	< 1
431	A092206	PB	diopside skarn	< 5	< 0.5	229	< 5	220	4
432	A092210	PB	sil ls	< 5	< 0.5	4	5	38	< 1
433	A092212	PB	marble	< 5	< 0.5	1	< 5	2	1
434	A092213	PB	marl	< 5	< 0.5	< 1	5	8	< 1
435	A092214	PB	brecciated ls	< 5	< 0.5	33	260	672	1
436	A092215	PB	gray ls	< 5	1.5	49	3,360	6,410	3
437	A092302	PB	mica hornf ss	< 5	< 0.5	57	5	32	3
438	A092303	PB	wethered grdio	< 5	< 0.5	14	30	66	< 1
439	A092304	PB	grdio	< 5	< 0.5	5	5	44	1
440	A092305	PB	basalt	< 5	< 0.5	60	< 5	108	2
441	A092306	PB	qtz v 10cm	10	< 0.5	4	45	14	< 1
442	A092307	PB	grdio	< 5	< 0.5	13	5	46	1
443	A092308	PB	sil ss with qtz net	< 5	< 0.5	18	< 5	14	2
444	A092309	PB	micro gr with qtz vlet	< 5	< 0.5	13	5	18	3
445	A092310	PB	ande	< 5	< 0.5	3	5	18	1
446	A092401	PB	ss with qtz net	< 5	< 0.5	34	10	248	2
447	A092402	PB	mica tf ss with qtz net	< 5	< 0.5	2	< 5	24	< 1
448	A092403	PB	slate	< 5	< 0.5	5	< 5	96	1
449	A092404	PB	arg slate	< 5	< 0.5	10	10	4	4
450	A092405	PB	sil ss with qtz net	125	< 0.5	11	10	14	2
451	A092406	PB	sh	< 5	< 0.5	< 1	5	4	< 1
452	D092301	PB	ande tf	< 5	< 0.5	16	5	70	< 1
453	D092302	PB	ande lave	< 5	< 0.5	7	5	38	1
454	D092303	PB	ande tf	< 5	< 0.5	17	10	20	2
455	D092304	PB	ande lp tf	< 5	< 0.5	19	< 5	68	1
456	D092305	PB	sh	< 5	< 0.5	14	45	4	4
457	D092306	PB	ande lp tf	< 5	< 0.5	17	< 5	24	2
458	D092307	PB	schistose ss	< 5	< 0.5	22	< 5	28	2
459	D092308	PB	sh	< 5	< 0.5	6	30	2	1
460	D092310	PB	sh	< 5	< 0.5	43	5	32	6
461	D092401	PB	sh	< 5	< 0.5	16	20	4	1
462	D092402	PB	sh	< 5	< 0.5	15	< 5	46	1
463	D092403	PB	sh	< 5	< 0.5	< 1	< 5	4	< 1
464	D092404	PB	sh	< 5	< 0.5	< 1	< 5	6	< 1
465	D092405	PB	gr	< 5	< 0.5	< 1	< 5	4	< 1
466	H090801	PB	phyllitic lp tf	< 5	< 0.5	24	10	72	2
467	H090802	PB	black sh	< 5	< 0.5	1	5	46	1
468	H090803	PB	ls	< 5	2.0	5	40	46	1
469	H090804	PB	tf ss	< 5	< 0.5	128	5	152	< 1
470	H090805	PB	ande with cal v	< 5	< 0.5	20	< 5	390	< 1
471	H090806	PB	sandy schist	< 5	< 0.5	13	< 5	80	< 1
472	H090807	PB	purplish tf ss	< 5	< 0.5	< 1	15	34	2
473	H090808	PB	qp	10	< 0.5	11	5	14	1
474	H090809	PB	tf	< 5	< 0.5	2	< 5	4	< 1
475	H090810	PB	ls	< 5	< 0.5	2	105	42	< 1
476	H090901	PB	porphyrite py diss	10	< 0.5	65	60	160	1
477	H090903	PB	porphyrite	< 5	< 0.5	53	< 5	58	1
478	H090904	PB	qp py diss	< 5	< 0.5	15	15	56	1
479	H090905	PB	weathered lp tf	< 5	< 0.5	39	5	78	1
480	H090906	PB	sil rock	60	2.0	1	250	20	11

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
481	H090907	PB	sil zone 5m	165	< 0.5	7	230	366	1
482	H090908	PB	sil tf	5	< 0.5	22	15	24	< 1
483	H091001	PB	lp tf	< 5	< 0.5	< 1	5	74	1
484	H091002	PB	weathered lp tf	< 5	< 0.5	122	< 5	132	3
485	H091003	PB	tf shale	< 5	< 0.5	97	< 5	28	2
486	H091005	PB	fng tf ss	< 5	< 0.5	75	5	74	1
487	H091007	PB	tf sh	< 5	< 0.5	51	5	78	3
488	H091201	PB	qtz lens in mica ss	< 5	< 0.5	6	< 5	22	< 1
489	H091202	PB	sil ls	< 5	< 0.5	3	335	1,660	2
490	H091203	PB	liparite(qp) with py	< 5	< 0.5	10	20	72	2
491	H091204	PB	mica tf ss	< 5	< 0.5	18	15	160	1
492	H091205	PB	ls	< 5	< 0.5	< 1	100	382	< 1
493	H091206	PB	dolomite	< 5	< 0.5	2	50	190	< 1
494	H091301	PB	ls	< 5	< 0.5	2	< 5	66	< 1
495	H091302	PB	ss	< 5	< 0.5	21	< 5	6	< 1
496	H091303	PB	dolomitic lc	15	< 0.5	9	50	40	1
497	H091304	PB	rhyo	< 5	< 0.5	< 1	< 5	2	< 1
498	H091305	PB	dolomitic ls	< 5	< 0.5	24	30	140	1
499	H091306	PB	rhyo (breccia)	5	< 0.5	1	5	4	< 1
500	H091307	PB	tf ss	60	< 0.5	8	< 5	32	< 1
501	H091308	PB	phyllitic tf	< 5	< 0.5	90	30	50	< 1
502	H091401	PB	ls	< 5	< 0.5	10	25	4,110	1
503	H091402	PB	ss/phyllite alternation	< 5	< 0.5	2	30	152	< 1
504	H091403	PB	ls	< 5	< 0.5	12	< 5	110	< 1
505	H091404	PB	ls	< 5	< 0.5	< 1	< 5	36	< 1
506	H091405	PB	sil rock	< 5	< 0.5	< 1	< 5	10	< 1
507	H091501	PB	lp tf	< 5	< 0.5	80	5	50	1
508	H091502	PB	lp tf	< 5	< 0.5	218	25	162	4
509	H091503	PB	tf ss with limo net	< 5	< 0.5	15	< 5	342	25
510	H091504	PB	fng ss	< 5	< 0.5	9	< 5	70	2
511	H091505	PB	phyllitic shale	< 5	< 0.5	13	< 5	22	1
512	H091506	PB	shistose ss	< 5	< 0.5	31	< 5	82	< 1
513	H091507	PB	shistose ss	< 5	< 0.5	23	< 5	58	< 1
514	H091508	PB	shistose ss	< 5	< 0.5	35	< 5	70	< 1
515	H091509	PB	shistose ss	< 5	< 0.5	35	< 5	86	< 1
516	H091510	PB	shistose ss	< 5	< 0.5	29	< 5	48	1
517	H091601	PB	grdio	< 5	< 0.5	23	< 5	54	< 1
518	H091602	PB	grdio	< 5	< 0.5	172	< 5	46	2
519	H091603	PB	grdio	< 5	< 0.5	331	< 5	36	46
520	H092101	PB	porphyrite py diss	< 5	< 0.5	163	< 5	58	5
521	H092301	PB	ande	< 5	< 0.5	82	5	84	< 1
522	H092302	PB	grdio	< 5	< 0.5	29	5	38	< 1
523	H092303	PB	grdio	< 5	< 0.5	34	< 5	38	1
524	H092304	PB	qtz v 15cm	75	< 0.5	10	100	38	< 1
525	H092305	PB	chl grdio	< 5	< 0.5	38	15	46	1
526	H092306	PB	grdio	< 5	< 0.5	15	< 5	18	< 1
527	H092401	PB	grdio include ande	< 5	< 0.5	8	< 5	34	1
528	H092402	PB	ss	< 5	< 0.5	60	< 5	62	2
529	H092403	PB	gr porphyry	< 5	< 0.5	3	< 5	8	< 1
530	H092404	PB	grdio	< 5	< 0.5	8	< 5	44	< 1
531	H092405	PB	grdio	5	< 0.5	229	30	74	< 1
532	H092406	PB	grdio	5	< 0.5	62	5	56	1
533	Q092401	PB	lp tf	< 5	< 0.5	16	5	130	1
534	Q092402	PB	ande tf	< 5	< 0.5	26	< 5	76	< 1
535	Q092403	PB	lp tf	< 5	< 0.5	15	5	66	1
536	R090701	PB	sil shale	< 5	< 0.5	32	< 5	42	< 1
537	R090702	PB	tf py diss	< 5	< 0.5	42	5	8	2
538	R090703	PB	dacitic lp tf	10	< 0.5	47	5	50	2
539	R090704	PB	ande lp tf	< 5	< 0.5	1	< 5	148	< 1
540	R090705	PB	chl ande lp tf	< 5	< 0.5	9	< 5	78	< 1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
541	R090706	PB	ande lp tf	< 5	< 0.5	10	< 5	68	< 1
542	R090708	PB	arg lp tf	< 5	< 0.5	4	5	100	1
543	R090709	PB	sil ande	30	< 0.5	291	< 5	44	2
544	R090710	PB	ande tf	< 5	< 0.5	25	5	84	1
545	R092201	PB	ande lp tf	< 5	< 0.5	10	< 5	28	1
546	R092202	PB	dacite	< 5	< 0.5	2	< 5	44	1
547	R092203	PB	welded tf	< 5	< 0.5	68	< 5	94	< 1
548	R092204	PB	ande lava	10	< 0.5	151	5	76	< 1
549	R092205	PB	sil ande lava	< 5	< 0.5	38	5	60	< 1
550	R092206	PB	chl tf	< 5	< 0.5	52	< 5	162	4
551	R092207	PB	dacitic tf	< 5	< 0.5	25	< 5	52	< 1
552	R092208	PB	ande lp tf	< 5	< 0.5	45	160	726	2
553	R092301	PB	ande lp tf	< 5	< 0.5	23	5	68	2
554	R092302	PB	fine tf	< 5	< 0.5	23	5	146	4
555	R092303	PB	ande lp tf	< 5	< 0.5	20	< 5	76	< 1
556	R092304	PB	ande lp tf	< 5	< 0.5	9	< 5	70	< 1
557	R092305	PB	monzonite?	< 5	< 0.5	5	< 5	42	< 1
558	R092306	PB	ande lp tf	< 5	< 0.5	21	5	66	1
559	R092307	PB	ande lp tf	< 5	< 0.5	30	10	100	2
560	R092308	PB	ande	< 5	< 0.5	6	< 5	74	< 1
561	R092309	PB	tf schist	10	< 0.5	5	< 5	40	< 1
562	R092310	PB	gr	< 5	< 0.5	2	< 5	20	1
563	R092312	PB	ande	< 5	< 0.5	22	< 5	60	< 1
564	R092313	PB	monzonite?	< 5	< 0.5	9	< 5	32	1
565	R092314	PB	gr	20	< 0.5	23	15	316	1
566	R092315	PB	ande	< 5	< 0.5	71	< 5	70	< 1
567	R092316	PB	ande tf	< 5	< 0.5	10	< 5	38	< 1
568	R092317	PB	ep ande tf	< 5	< 0.5	3	< 5	52	1
569	R092318	PB	ep ande lp tf	< 5	< 0.5	< 1	< 5	90	< 1
570	R092319	PB	ep ande tf bre	10	< 0.5	4	< 5	72	< 1
571	R092320	PB	ande tf	< 5	< 0.5	17	10	70	1
572	R092321	PB	tf schist	< 5	< 0.5	25	< 5	70	< 1
573	R092322	PB	ande tf	< 5	< 0.5	9	15	34	1
574	R092323	PB	sh	< 5	< 0.5	35	20	22	4
575	R092324	PB	chl ande with qtz v	< 5	< 0.5	20	< 5	84	3
576	R092325	PB	sh	< 5	< 0.5	6	5	6	1
577	R092401	PB	schistose ss	< 5	< 0.5	20	35	50	< 1
578	R092402	PB	schistose ss	< 5	< 0.5	25	5	20	3
579	R092403	PB	tf ss	< 5	< 0.5	37	< 5	114	3
580	R092404	PB	tf schist	< 5	< 0.5	8	< 5	8	4
581	V090401	PB	semischist	10	< 0.5	189	5	30	2
582	V090402	PB	ss	< 5	< 0.5	28	115	128	2
583	V090403	PB	semischist	< 5	< 0.5	31	5	16	2
584	V090404	PB	semischist	< 5	< 0.5	< 1	< 5	92	< 1
585	V090405	PB	ss	< 5	< 0.5	6	< 5	18	1
586	V090701	PB	tf bre	< 5	< 0.5	2	< 5	44	4
587	V090702	PB	ande lp tf	< 5	< 0.5	21	< 5	74	< 1
588	V090703	PB	ande lp tf	< 5	< 0.5	37	< 5	100	2
589	V090704	PB	ande tf bre	< 5	< 0.5	1	< 5	65	< 1
590	V090801	PB	tf bre	< 5	< 0.5	4	< 5	76	< 1
591	V090802	PB	lp tf	< 5	< 0.5	213	< 5	20	2
592	V090803	PB	ande tf bre	< 5	< 0.5	4	< 5	104	< 1
593	V090804	PB	gr	< 5	< 0.5	9	< 5	16	2
594	V091001	PB	sil lp tf	< 5	< 0.5	5	45	4	1
595	V091002	PB	sil ss	< 5	< 0.5	1	35	2	1
596	V091003	PB	sil tf	< 5	< 0.5	15	< 5	8	4
597	V091004	PB	lp tf	< 5	< 0.5	20	< 5	10	< 1
598	V091005	PB	ls	< 5	< 0.5	36	2,390	1,775	2
599	V091006	PB	sil tf	< 5	< 0.5	2	30	80	< 1
600	V091007	PB	ande	< 5	< 0.5	36	25	180	< 1

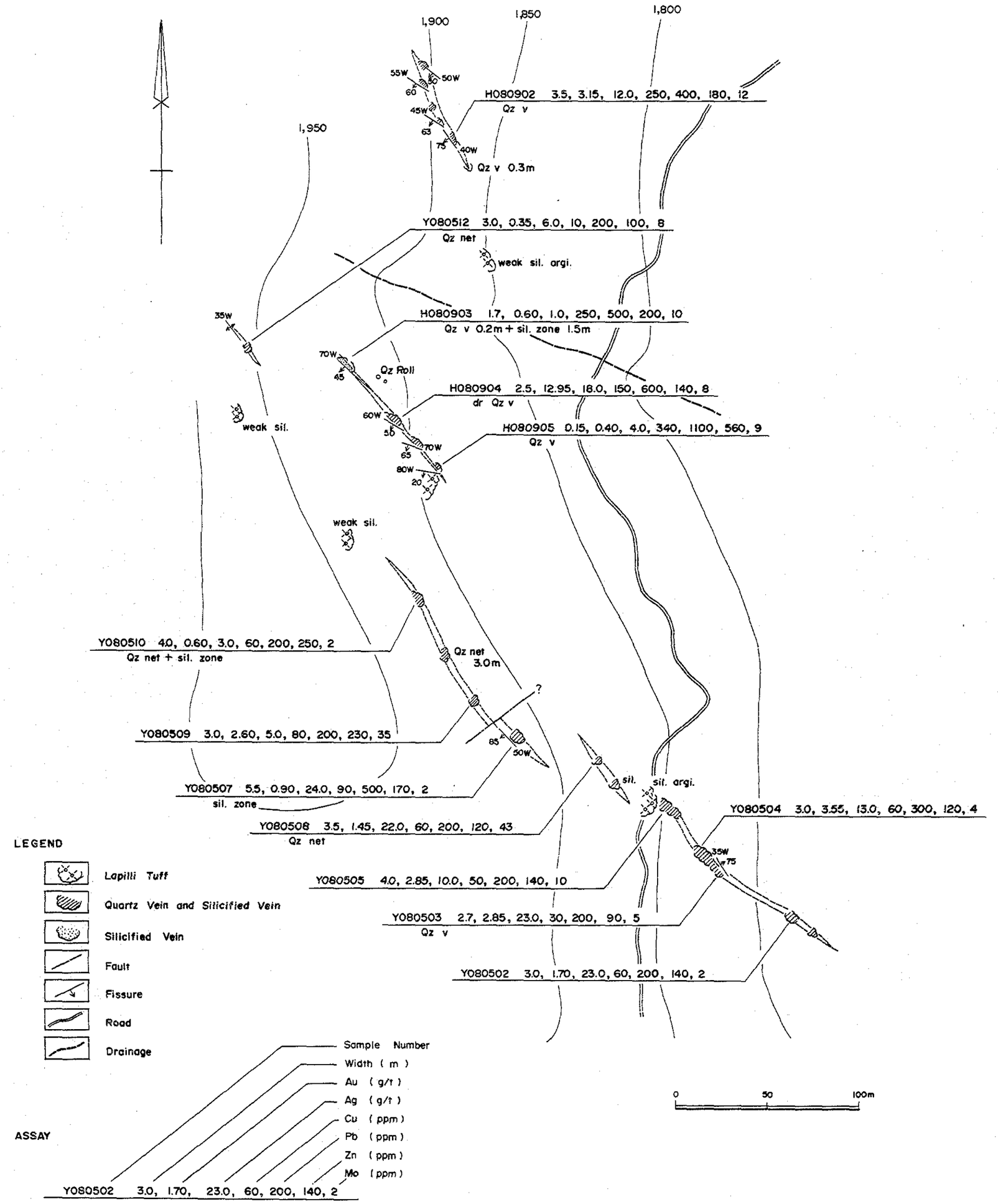
	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
601	V091008	PB	ls	5	0.5	16	50	90	< 1
602	V091101	PB	tf sh	5	< 0.5	15	15	14	< 1
603	V091102	PB	ande tf	< 5	< 0.5	35	15	40	< 1
604	V091103	PB	ande lava	5	< 0.5	< 1	15	26	< 1
605	V091104	PB	ande lava	< 5	< 0.5	10	< 5	58	< 1
606	V091201	PB	dolomite	25	< 0.5	11	10	32	< 1
607	V091204	PB	dolomite(sil ls)	< 5	< 0.5	1	< 5	14	< 1
608	V091205	PB	tf ss	< 5	< 0.5	27	< 5	42	< 1
609	V091206	PB	dolomite(sil ls)	< 5	< 0.5	9	< 5	20	< 1
610	V091207	PB	dio	< 5	< 0.5	6	< 5	36	< 1
611	V091208	PB	grdio?	< 5	< 0.5	< 1	< 5	32	< 1
612	V091301	PB	lp tf	< 5	< 0.5	19	< 5	80	< 1
613	V091307	PB	lp tf	< 5	< 0.5	27	< 5	46	< 1
614	V091308	PB	tf bre	< 5	< 0.5	5	< 5	58	< 1
615	V091401	PB	ande py diss	< 5	< 0.5	6	< 5	42	< 1
616	V091402	PB	ande lava	< 5	< 0.5	72	< 5	74	< 1
617	V091403	PB	sil tf	10	< 0.5	5	150	12	< 1
618	V091404	PB	tf sh	< 5	< 0.5	113	10	108	< 1
619	V091405	PB	ande lava	< 5	< 0.5	31	5	14	< 1
620	V091406	PB	sil tf	< 5	< 0.5	70	< 5	70	< 1
621	V091501	PB	lp tf	< 5	< 0.5	28	5	64	< 1
622	V091502	PB	ss	15	0.5	3	30	8	< 1
623	V091503	PB	sil ls	55	< 0.5	15	65	358	< 1
624	V091504	PB	ss with qtz v	35	< 0.5	< 1	< 5	4	< 1
625	V091505	PB	qtz sil rock	35	< 0.5	6	10	8	< 1
626	V091506	PB	sil tf	20	1.0	3	35	6	< 1
627	V091507	PB	lp tf	< 5	< 0.5	36	5	176	< 1
628	V091508	PB	lp tf	< 5	< 0.5	28	10	138	< 1
629	V091509	PB	ss with qtz v	15	< 0.5	2	20	4	< 1
630	V092301	PB	dio	< 5	< 0.5	8	< 5	28	8
631	V092302	PB	grdio	< 5	< 0.5	372	< 5	30	< 1
632	V092303	PB	qtz v	35	< 0.5	31	180	98	3
633	V092304	PB	grdio	< 5	< 0.5	2	< 5	14	< 1
634	V092305	PB	tonalite	< 5	< 0.5	12	< 5	30	< 1
635	V092306	PB	tonalite	< 5	< 0.5	55	< 5	36	< 1
636	Y090401	PB	marl(calc shale)	< 5	< 0.5	7	< 5	8	< 1
637	Y090402	PB	sandy schist	< 5	< 0.5	4	< 5	6	< 1
638	Y090403	PB	semischist	< 5	< 0.5	1	< 5	60	< 1
639	Y090404	PB	semischist	< 5	< 0.5	15	< 5	52	< 1
640	Y090405	PB	sh	< 5	< 0.5	9	< 5	54	< 1
641	Y090406	PB	sandy schist	5	< 0.5	4	< 5	12	< 1
642	Y090407	PB	tf ss	< 5	< 0.5	< 1	< 5	26	< 1
643	Y090501	PB	monzonite	< 5	< 0.5	85	25	68	< 1
644	Y090502	PB	ls	< 5	< 0.5	1	< 5	< 2	< 1
645	Y090701	PB	weathered ande	< 5	< 0.5	6	< 5	78	< 1
646	Y090702	PB	sh	< 5	< 0.5	24	10	80	< 1
647	Y090703	PB	calc tf	< 5	< 0.5	6	< 5	50	< 1
648	Y090704	PB	lp tf?	< 5	< 0.5	11	10	50	< 1
649	Y090705	PB	anhydrolite v	< 5	< 0.5	< 1	< 5	< 2	< 1
650	Y090706	PB	phyllite	< 5	< 0.5	48	5	158	< 1
651	Y090707	PB	sandy tf	< 5	< 0.5	26	5	66	< 1
652	Y090708	PB	ande dyke	< 5	< 0.5	< 1	< 5	74	< 1
653	Y090709	PB	ande dyke	< 5	< 0.5	36	< 5	74	< 1
654	Y090710	PB	sil tf (ande dyke?)	< 5	< 0.5	7	< 5	8	< 1
655	Y090711	PB	ande	< 5	< 0.5	< 1	< 5	76	< 1
656	Y090712	PB	chl ande	< 5	< 0.5	50	< 5	70	< 1
657	Y090801	PB	ande	< 5	< 0.5	6	< 5	64	< 1
658	Y090802	PB	lp tf	< 5	< 0.5	17	< 5	66	< 1
659	Y090803	PB	tf bre	< 5	< 0.5	25	5	60	< 1
660	Y090804	PB	weathered ande	< 5	< 0.5	6	< 5	60	< 1

	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
661	Y090805	PB	red sh	< 5	< 0.5	9	15	32	< 1
662	Y090806	PB	ande dyke	< 5	< 0.5	4	< 5	100	< 1
663	Y090808	PB	pinkish gr	< 5	< 0.5	21	< 5	24	< 1
664	Y090901	PB	weathered ande dyke	< 5	< 0.5	12	< 5	84	< 1
665	Y090902	PB	ande(tf?) py diss	15	< 0.5	14	< 5	32	< 1
666	Y090905	PB	hema limo hornf ss	5	< 0.5	91	< 5	14	< 1
667	Y090906	PB	ss with limo	5	< 0.5	286	< 5	6	< 1
668	Y090907	PB	hornfelsic sil rock	10	0.5	6	105	46	< 1
669	Y090908	PB	arg ande	< 5	< 0.5	26	< 5	134	1
670	Y090909	PB	sil dacite	60	0.5	8	25	110	< 1
671	Y090912	PB	sil tf ss	< 5	< 0.5	10	5	2	< 1
672	Y090913	PB	marl	< 5	< 0.5	5	5	946	< 1
673	Y091001	PB	tf ss	< 5	< 0.5	33	< 5	88	1
674	Y091002	PB	wk chl ande tf	< 5	< 0.5	53	< 5	76	< 1
675	Y091004	PB	arg tf	960	< 0.5	5	10	8	< 1
676	Y091005	PB	tf siltstone	15	< 0.5	16	15	10	1
677	Y091007	PB	tf ss	< 5	< 0.5	1	< 5	132	< 1
678	Y091008	PB	tf bre	< 5	< 0.5	25	< 5	110	< 1
679	Y091009	PB	glassy ande	< 5	< 0.5	1	< 5	68	< 1
680	Y091010	PB	wht arg tf	< 5	< 0.5	48	< 5	10	2
681	Y091101	PB	ande	< 5	< 0.5	20	< 5	196	< 1
682	Y091102	PB	phyllitic sh	< 5	< 0.5	< 1	< 5	60	< 1
683	Y091103	PB	tf ss	< 5	< 0.5	34	< 5	44	3
684	Y091105	PB	mica ss	10	< 0.5	11	< 5	66	< 1
685	Y091106	PB	phyllitic sh	< 5	< 0.5	91	< 5	32	< 1
686	Y091107	PB	phyllitic sh	< 5	< 0.5	34	< 5	22	< 1
687	Y091201	PB	fossiliferous marl	< 5	< 0.5	4	15	40	< 1
688	Y091202	PB	marl	< 5	< 0.5	2	10	26	< 1
689	Y091203	PB	ande tf	< 5	1.5	10	10	3,140	< 1
690	Y091204	PB	sh	< 5	< 0.5	11	< 5	164	< 1
691	Y091205	PB	phyllite	< 5	< 0.5	< 1	< 5	68	< 1
692	Y091206	PB	phyllite	< 5	< 0.5	25	< 5	82	< 1
693	Y091207	PB	phyllite	< 5	< 0.5	39	< 5	72	< 1
694	Y091208	PB	phyllite	< 5	< 0.5	15	< 5	74	< 1
695	Y091301	PB	wk chl lp tf	< 5	< 0.5	< 1	< 5	68	< 1
696	Y091302	PB	chl tf bre	5	< 0.5	86	< 5	86	< 1
697	Y091303	PB	phyllitic sh	< 5	< 0.5	88	5	74	1
698	Y091304	PB	ande	< 5	< 0.5	24	< 5	90	< 1
699	Y091305	PB	phyllitic sh	< 5	< 0.5	25	5	42	< 1
700	Y091306	PB	calc chl tf	< 5	< 0.5	84	< 5	138	< 1
701	Y091307	PB	chl lp tf	< 5	< 0.5	167	< 5	98	< 1
702	Y091308	PB	ande dyke	< 5	< 0.5	4	< 5	74	< 1
703	Y091309	PB	tf bre	5	< 0.5	31	5	76	< 1
704	Y091310	PB	lp tf	< 5	< 0.5	7	5	70	< 1
705	Y091312	PB	tf	5	< 0.5	95	80	274	< 1
706	Y091313	PB	lp tf include sh	5	< 0.5	63	< 5	172	< 1
707	Y091314	PB	chl hema lp tf	< 5	< 0.5	78	< 5	58	< 1
708	Y091315	PB	cal chl tf	< 5	< 0.5	62	< 5	96	< 1
709	Y091316	PB	ande dyke	10	< 0.5	24	< 5	56	< 1
710	Y091501	PB	ande dyke	< 5	< 0.5	5	< 5	66	< 1
711	Y091502	PB	sil tf	< 5	< 0.5	10	10	4	< 1
712	Y091509	PB	lp tf	< 5	< 0.5	28	20	78	1
713	Y091701	PB	lp tf	< 5	< 0.5	13	15	80	< 1
714	Y091702	PB	tf ss	< 5	< 0.5	35	10	26	< 1
715	Y091703	PB	fine tf py diss	< 5	< 0.5	8	10	102	< 1
716	Y091704	PB	sh	< 5	< 0.5	26	< 5	92	< 1
717	Y091705	PB	tf	< 5	< 0.5	9	< 5	72	< 1
718	Y091706	PB	wk sil lp tf	< 5	< 0.5	70	< 5	216	< 1
719	Y091707	PB	sil sh	< 5	< 0.5	57	< 5	104	< 1
720	Y091708	PB	sil tf	< 5	< 0.5	13	5	42	< 1

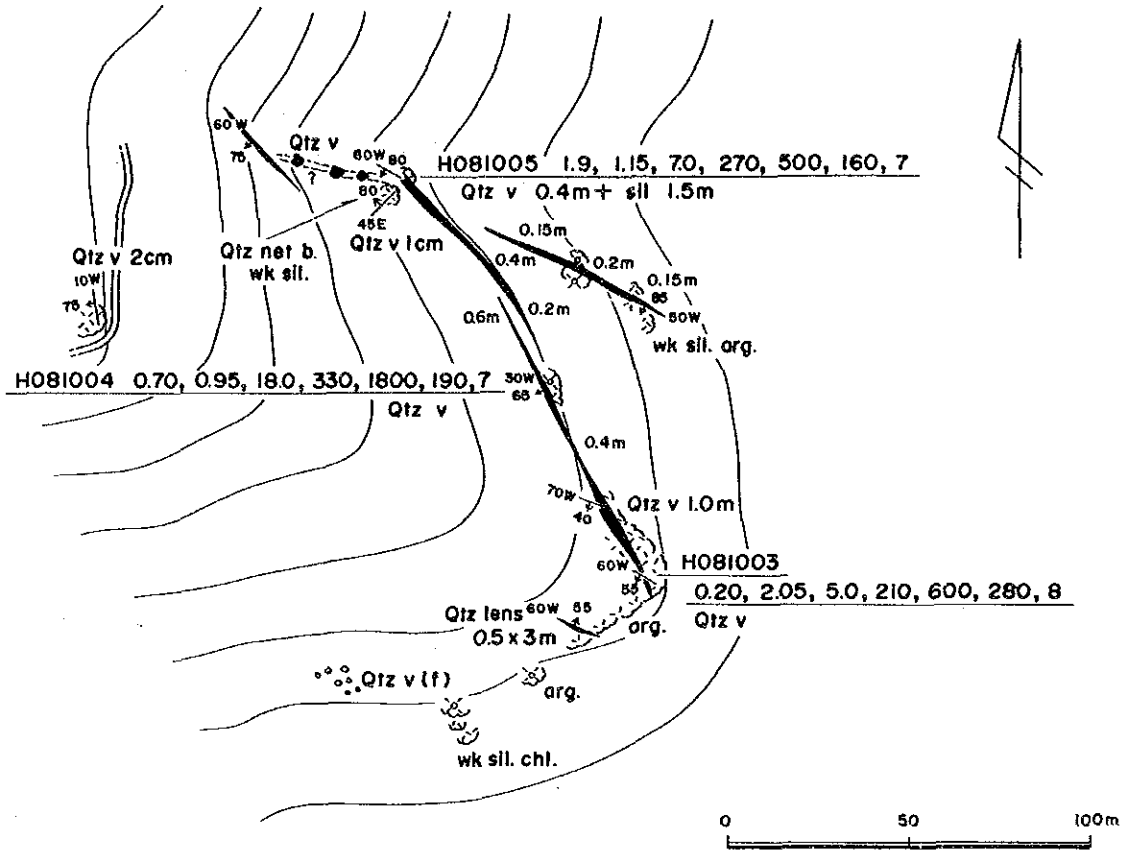
	Sample No.	Area	rock name	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
721	Y091709	PB	sil lp tf	< 5	< 0.5	33	< 5	86	< 1
722	Y091710	PB	sil arg	< 5	< 0.5	189	< 5	40	< 1
723	Y091711	PB	ss/sh alternation	10	< 0.5	28	< 5	64	1
724	Y091712	PB	wk sil chl lp tf	< 5	< 0.5	97	< 5	64	< 1
725	Y091713	PB	arg lp tf	15	< 0.5	113	5	8	< 1
726	Y091714	PB	arg sh	20	< 0.5	502	15	210	1
727	Y091715	PB	sandy lp tf	< 5	< 0.5	33	< 5	58	< 1
728	Y091716	PB	weathered tf	< 5	< 0.5	44	15	44	1
729	Y091717	PB	silty arg tf	< 5	< 0.5	16	120	38	< 1
730	Y091718	PB	lp tf	< 5	< 0.5	15	< 5	80	< 1
731	Y092008	PB	sandy tf	< 5	< 0.5	34	10	302	< 1
732	Y092009	PB	sh	< 5	< 0.5	5	< 5	20	< 1
733	Y092010	PB	grdio	< 5	< 0.5	1	< 5	10	< 1
734	Y092201	PB	weathered gr	< 5	< 0.5	11	35	60	1
735	Y092202	PB	hema lp tf	< 5	< 0.5	53	< 5	98	< 1
736	Y092203	PB	micro gr	< 5	< 0.5	6	5	54	< 1
737	Y092204	PB	weathered gr	< 5	< 0.5	5	< 5	8	< 1
738	Y092218	PB	dacitic lp tf	< 5	< 0.5	1	5	30	< 1
739	Y092219	PB	ss/sh alternation	< 5	< 0.5	92	< 5	78	< 1
740	Y092220	PB	gr	< 5	< 0.5	134	< 5	38	< 1
741	Y092301	PB	phyllitic sh	< 5	< 0.5	18	15	16	2
742	Y092302	PB	hornfelsic ss	< 5	< 0.5	35	10	18	< 1
743	Y092303	PB	mica ss	< 5	< 0.5	15	< 5	62	< 1
744	Y092304	PB	shistose ss/sh alternation	< 5	< 0.5	37	< 5	40	< 1
745	Y092305	PB	slate	< 5	< 0.5	162	< 5	104	< 1
746	Y092306	PB	diorite	< 5	< 0.5	22	< 5	100	< 1
747	Y092307	PB	mica ss	< 5	< 0.5	58	5	26	1
748	Y092308	PB	grdio	< 5	< 0.5	1	< 5	18	< 1
749	Y092309	PB	weathered grdio	< 5	< 0.5	11	50	48	< 1
750	Y092310	PB	aplite	< 5	< 0.5	6	5	8	< 1
751	Y092311	PB	grdio	< 5	< 0.5	10	< 5	16	< 1
752	Y092312	PB	qtz v 20cm	< 5	< 0.5	2	5	4	< 1
753	Y092313	PB	sheared gr with cal net	< 5	< 0.5	480	550	14	< 1
754	Y092314	PB	qtz v lm	< 5	7.0	19	925	898	< 1
755	Y092315	PB	hornf ss	< 5	< 0.5	48	10	36	1
756	Y092401	PB	phyllitic sh	10	< 0.5	11	20	20	< 1
757	Y092402	PB	phyllitic sh	< 5	< 0.5	20	10	30	1
758	Y092404	PB	qp	< 5	< 0.5	11	5	4	< 1
759	Y092405	PB	ls	< 5	< 0.5	2	20	148	< 1
760	Y092406	PB	ande	< 5	< 0.5	23	< 5	76	< 1
761	Y092407	PB	chl ande	< 5	< 0.5	100	< 5	76	< 1
762	Y092408	PB	arg silty tf	< 5	< 0.5	3	5	2	4

Abbreviations ande:ande, arg:argillized, bre:breccia, C:Chontali, cal:calcite, calc:calcareouse, chl:chlorite, CS:Chontali South, csg:coarse grained, diss:disseminated, dr:drusy, ep:epidote, fng:fine grained, gr:granite, grdio:granodiorite, hema:hematite, ho:hornblende, limo:limonite, lp:lapilli, ls:limestone, net:network vein, py:pyrite, qp:quartz porphyry, qtz:quartz, rhyo:rhyolite, sh:shale, sil:silicified, ss:sandstone, tf:tuff, v:vein, vlet:veinlet, wht:white, wk:weak

Apx. 13 Detailed Map of Ore Showings in the Chontali Area (1)~(6)



Detailed Map of Ore Showings in the Chontali Area (1)



LEGEND

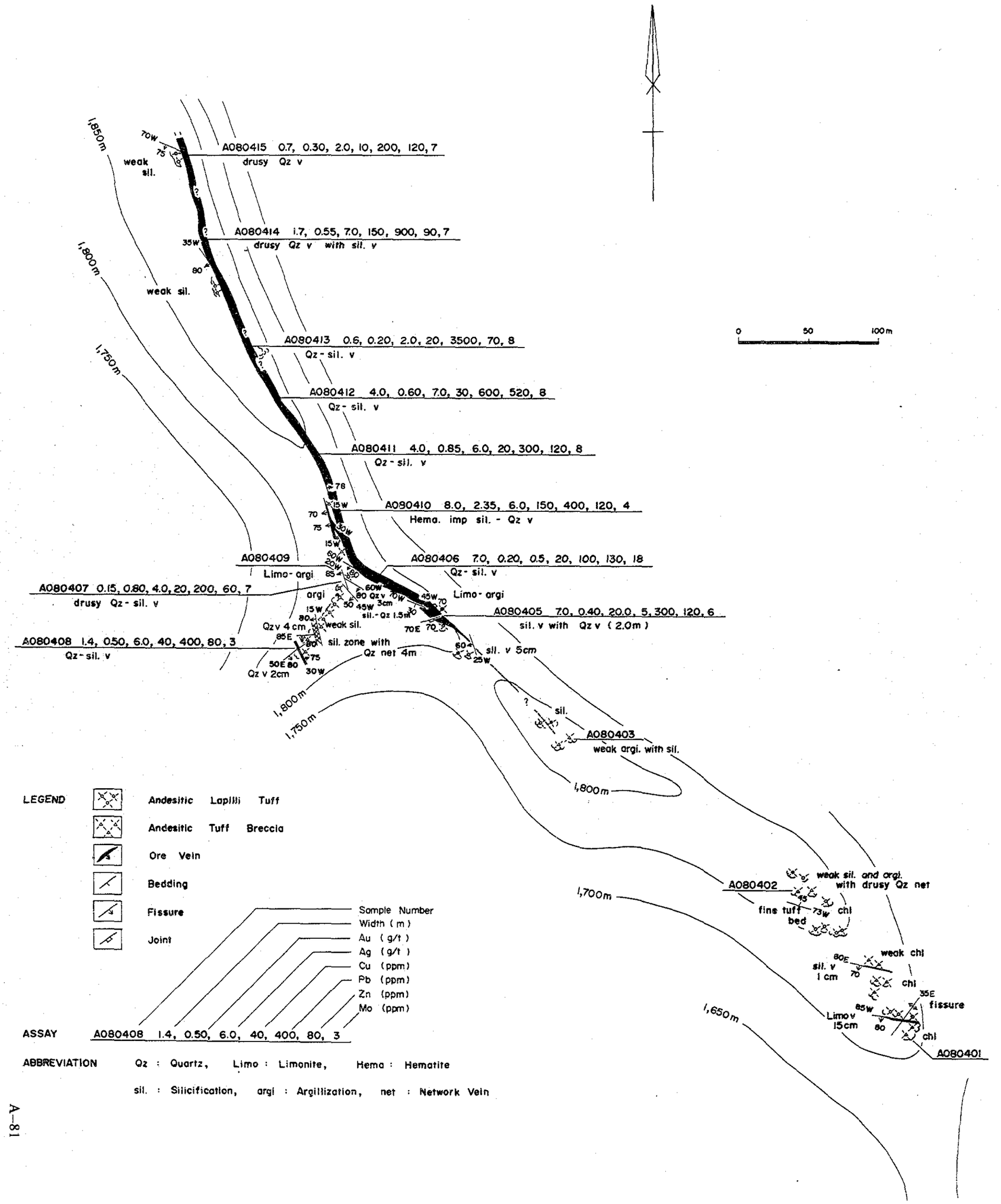
- Lapili Tuff
- Tuff
- Quartz and/or Silicified Vein
- Fissure
- Road

ASSAY

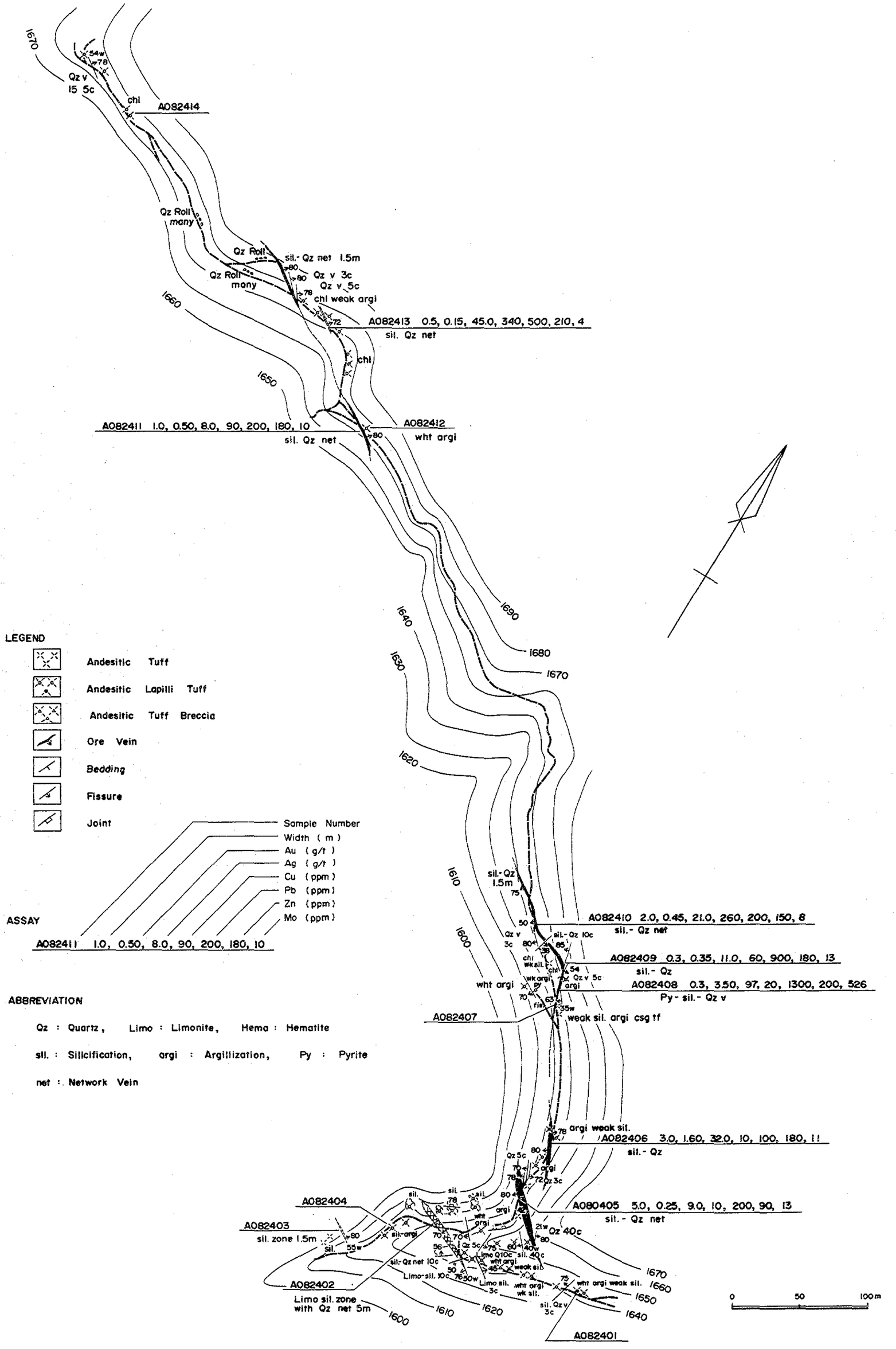
Sample Number
Width (m)
Au (g/t)
Ag (g/t)
Cu (ppm)
Pb (ppm)
Zn (ppm)
Mo (ppm)

H081004 0.70, 0.95, 18.0, 330, 1800, 190, 7

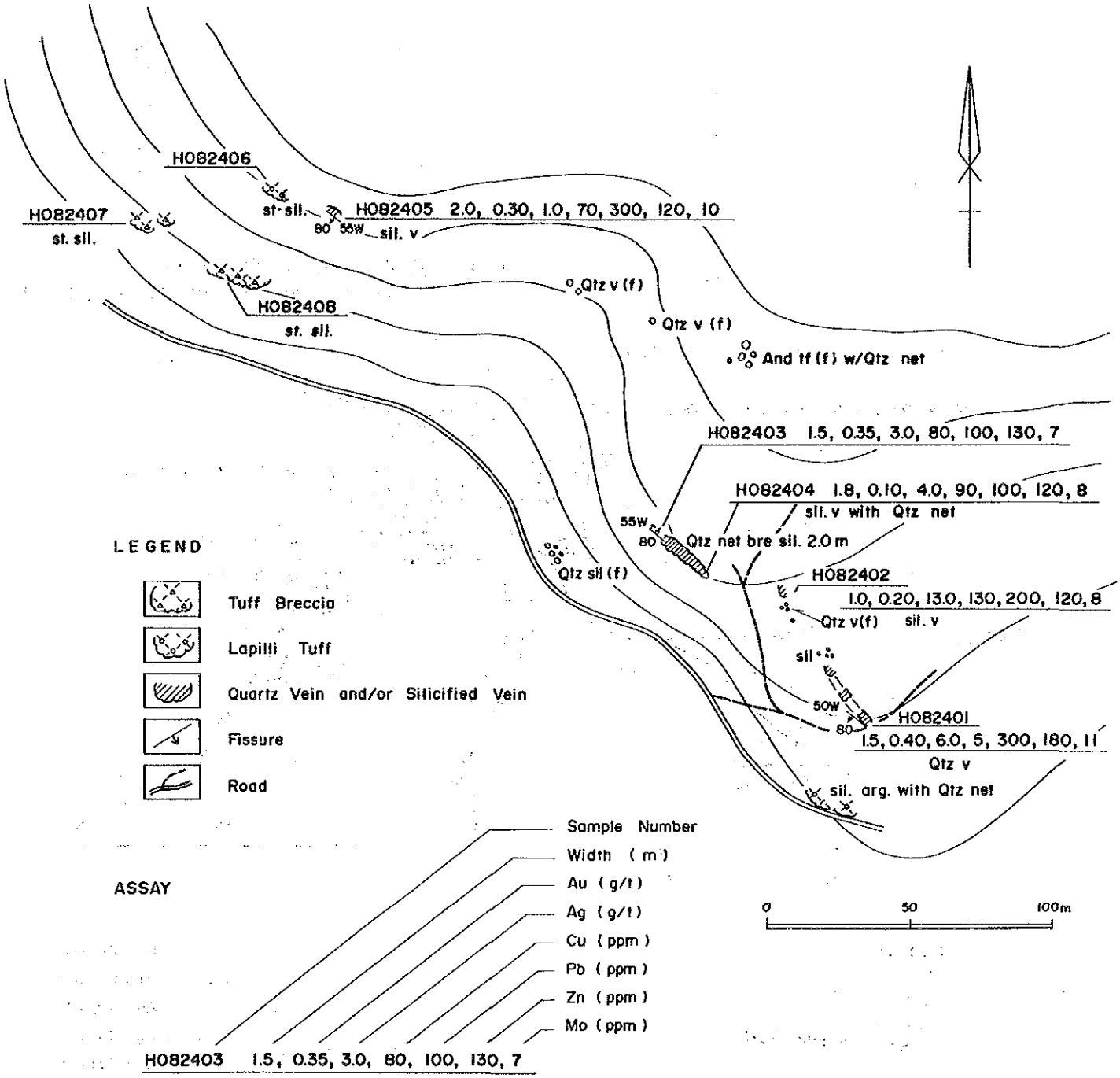
Detailed Map of Ore Showings in the Chontali Area (2)



Detailed Map of Ore Showings in the Chontali Area (3)



Detailed Map of Ore Showings in the Chontali Area (4)



LEGEND

- Tuff Breccia
- Lapilli Tuff
- Quartz Vein and/or Silicified Vein
- Fissure
- Road

ASSAY

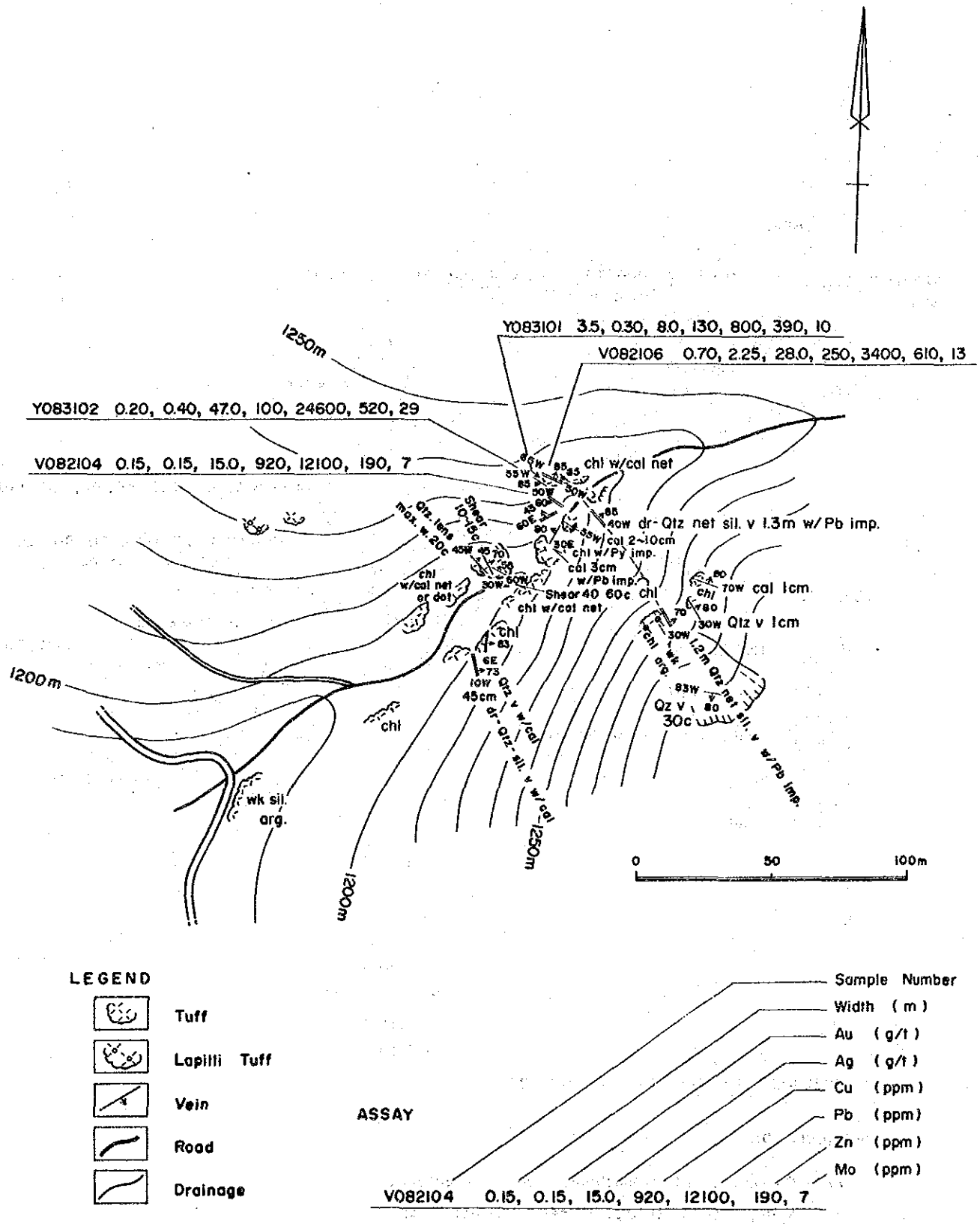
- Sample Number
- Width (m)
- Au (g/t)
- Ag (g/t)
- Cu (ppm)
- Pb (ppm)
- Zn (ppm)
- Mo (ppm)

H082403 1.5, 0.35, 3.0, 80, 100, 130, 7

ABBREVIATION

Qtz : Quartz, sil : Silicified, arg : Argillized,
v : Vein, st : Strong, net : Network Vein

Detailed Map of Ore Showings in the Chontali Area (5)



LEGEND

- Tuff
- Lapilli Tuff
- Vein
- Road
- Drainage

ASSAY

Sample Number
Width (m)
Au (g/t)
Ag (g/t)
Cu (ppm)
Pb (ppm)
Zn (ppm)
Mo (ppm)

V082104 0.15, 0.15, 15.0, 920, 12100, 190, 7

Detailed Map of Ore Showings in the Chontali Area (6)