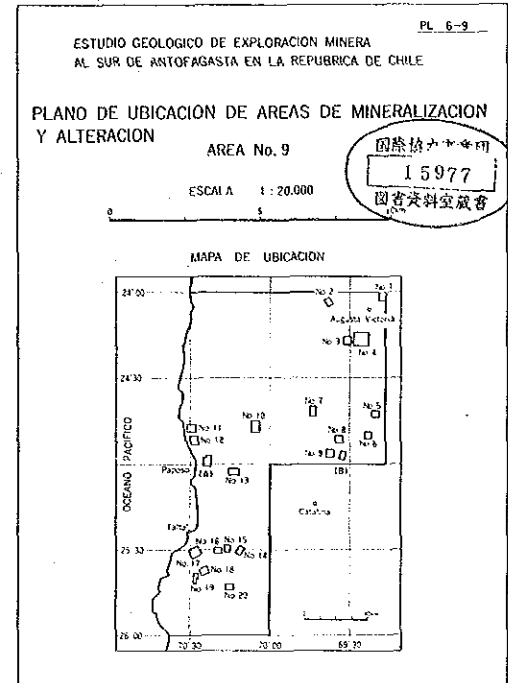
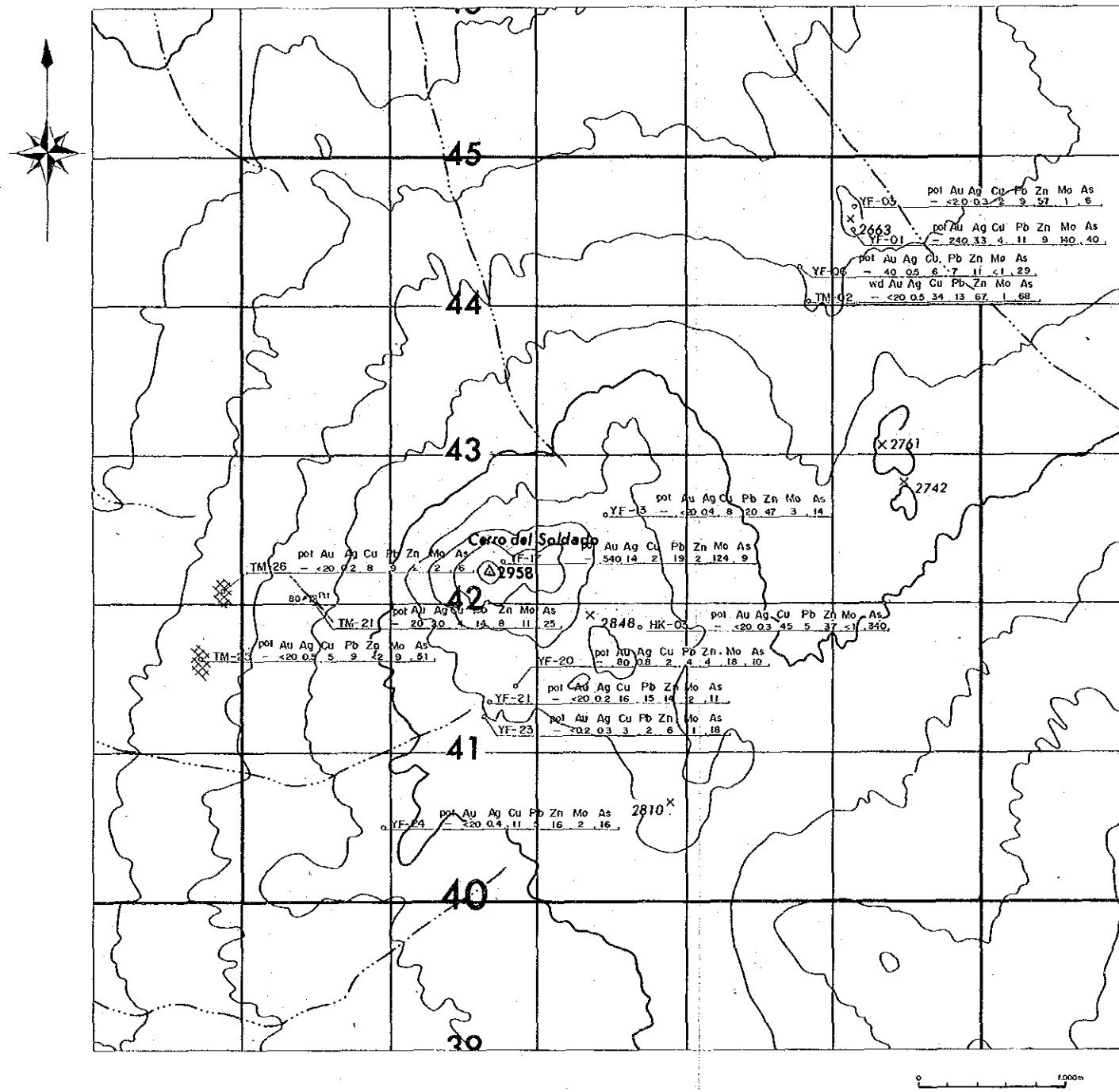
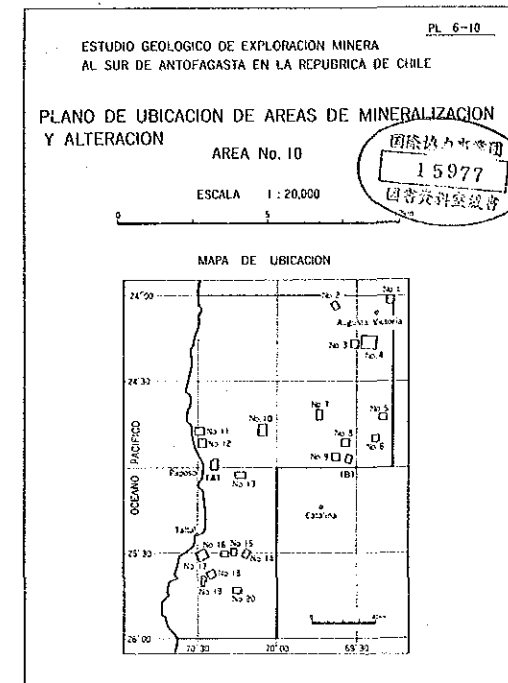
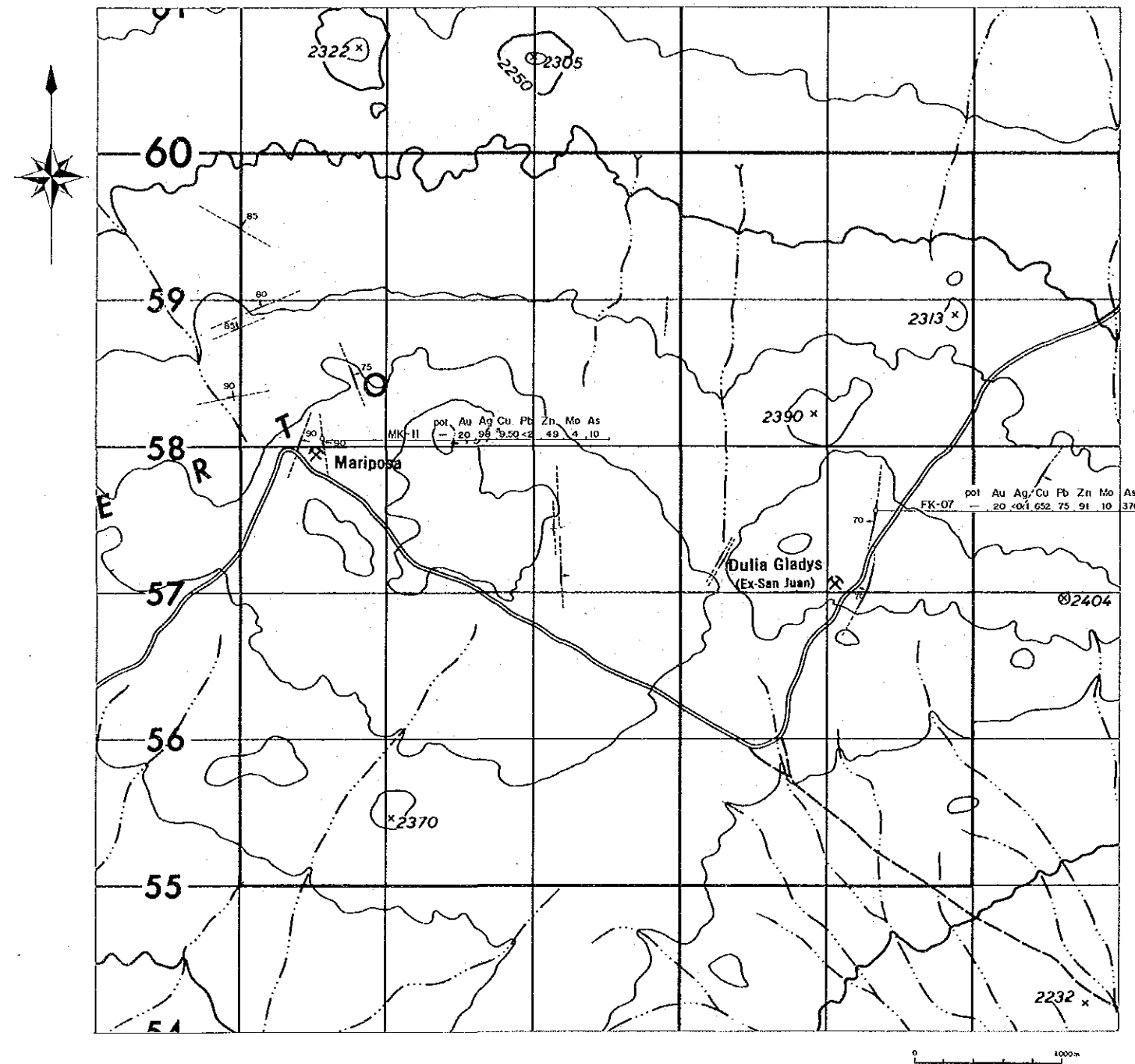
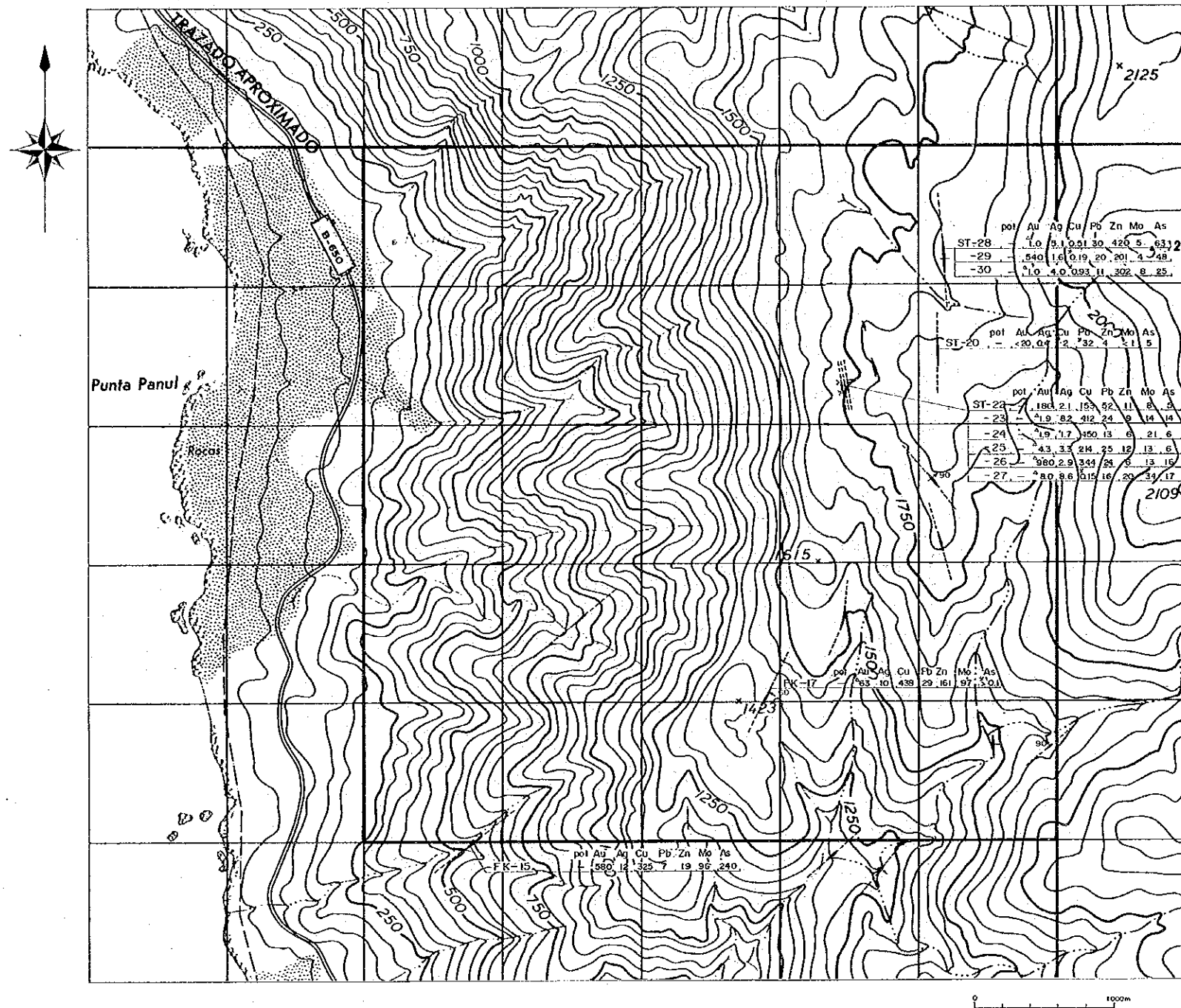




- LEYENDA**
- Yacimiento tipo Manto
 - Veta con mineralización
 - Diseminación de limonita y hematita
 - Silicificación
 - Argilización
 - Zona de cizalle
 - Socavón
 - Trinchera
 - Pique
 - Mina
 - Número de muestra
- pot. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 %: Cu
1.3 %: Au
1.3 %: (ppm)



- LEYENDA
- Yacimiento tipo Manto
 - Veta con mineralización
 - ... Diseminación de limonita y hematita
 - Silicificación
 - ▨ Argilización
 - △ Zona de cizalle
 - └ Socavón
 - ▭ Trinchera
 - Pique
 - × Mina
 - TM-1 Número de muestra
- | pot. | Au | Ag | Cu | Pb | Zn | Mo | As |
|------|-------|-------|-------|-------|-------|-------|-------|
| (m) | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
- * Cu
3.2 % (‰)
△ Au
1.3 △ (ppm)



ESTUDIO GEOLOGICO DE EXPLORACION MINERA
AL SUR DE ANTOFAGASTA EN LA REPUBLICA DE CHILE

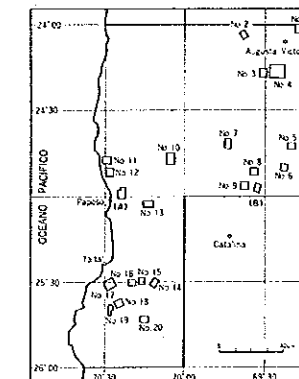
PLANO DE UBICACION DE AREAS DE MINERALIZACION
Y ALTERACION

AREA No. 11

ESCALA 1:20,000

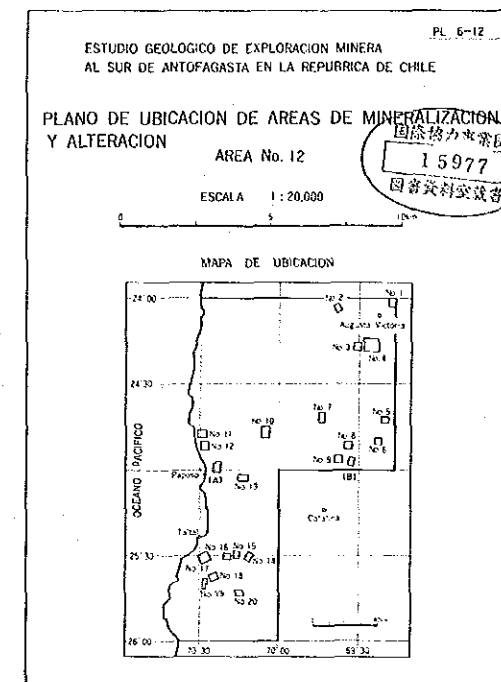
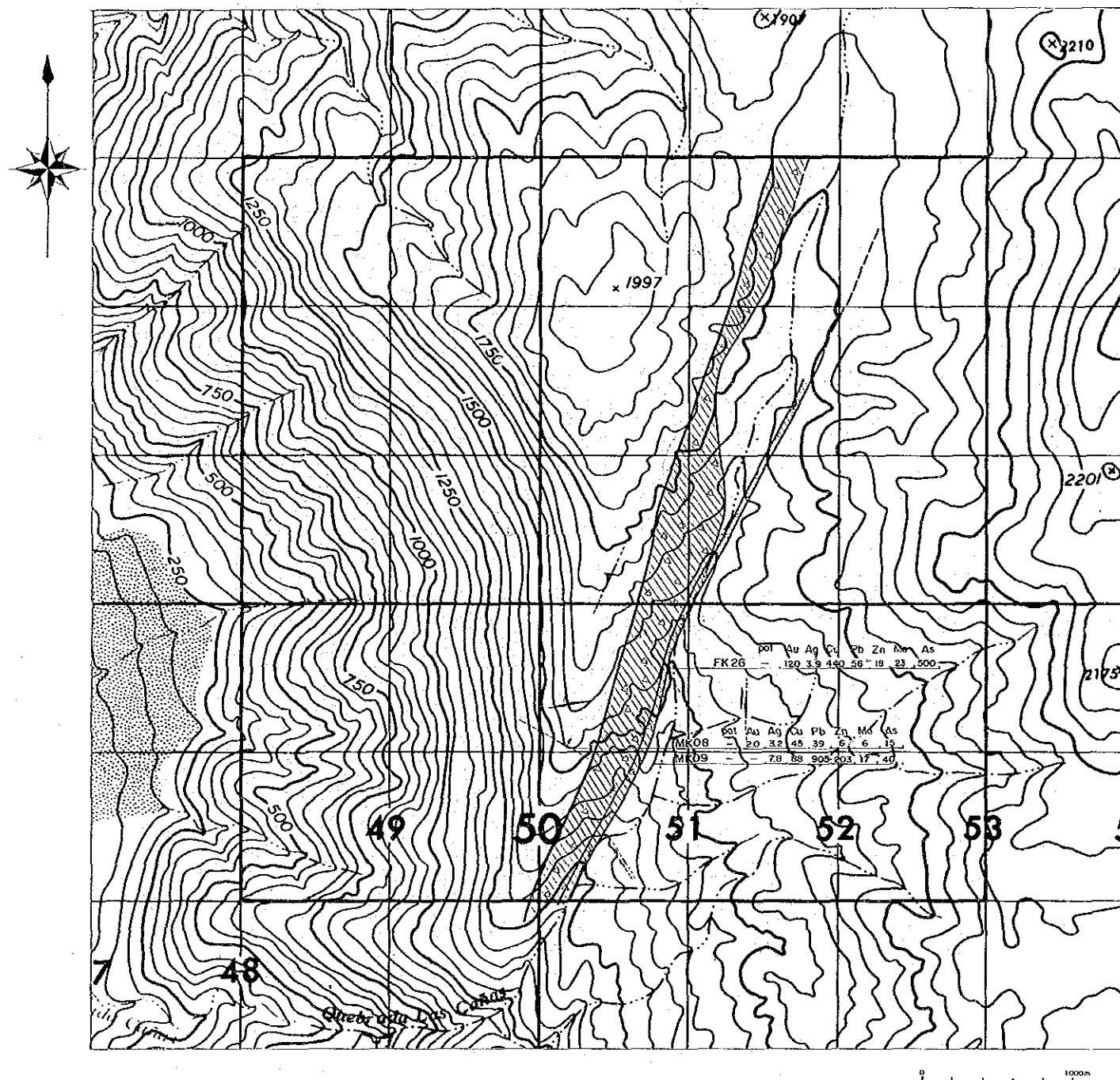
15977

MAPA DE UBICACION

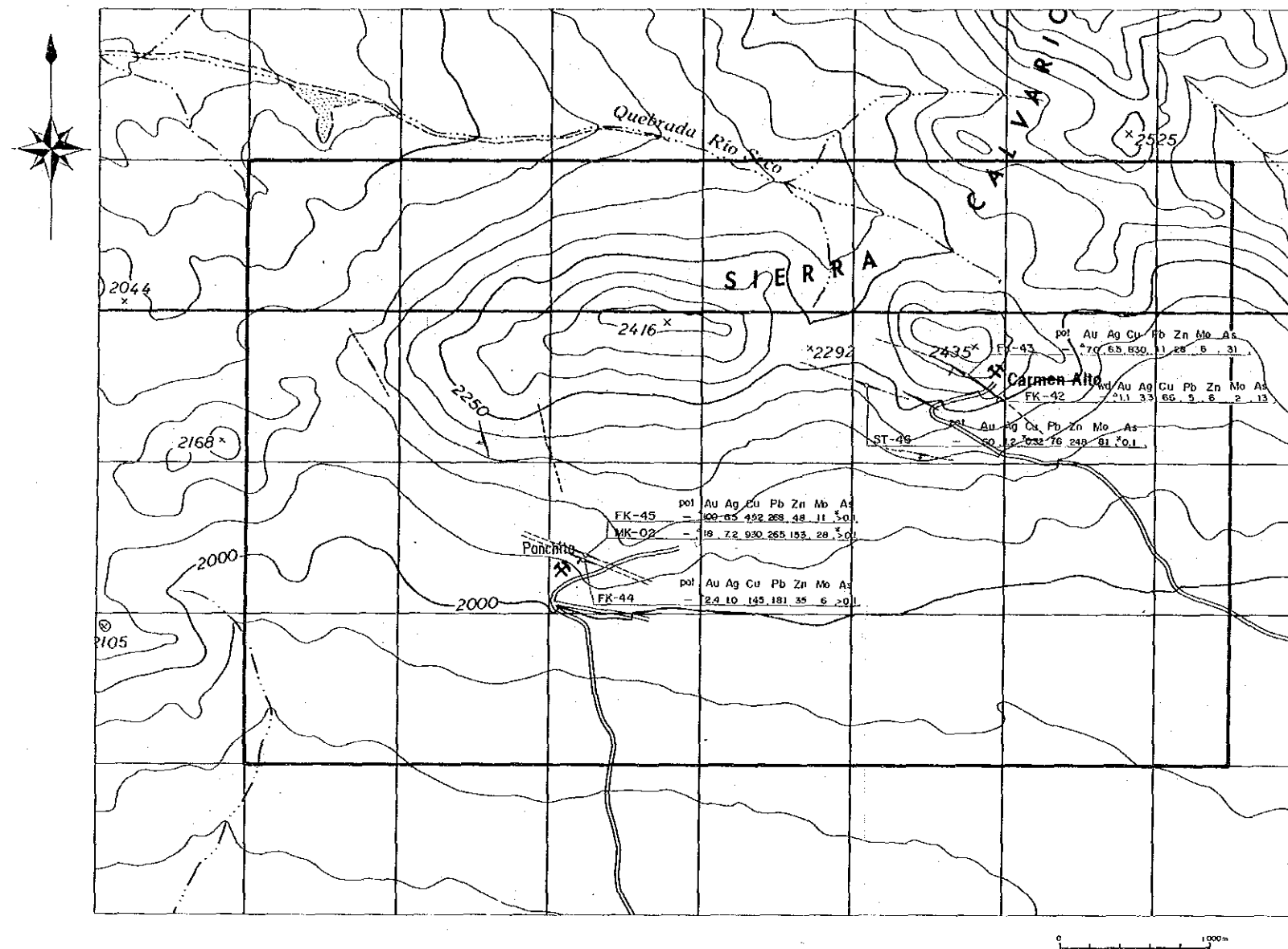


LEYENDA

- Yacimiento tipo Manto
- Veta con mineralización
- Diseminación de limonita y hematita
- Silicificación
- Argilización
- Zona de cizalle
- Socavón
- Trinchera
- Pique
- Mina
- Número de muestra
- pot. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 %: (Cu)
- 1.3 %: (Au)



- LEYENDA
- Yacimiento tipo Manto
 - Veta con mineralización
 - Diseminación de limonita y hematita
 - Silicificación
 - Argilización
 - Zona de cizalla
 - Socavón
 - Trinchera
 - Pique
 - × Mina
 - TM-1 Número de muestra
- pot. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 % Cu
1.3 % Au
1.3 % (ppm)



ESTUDIO GEOLOGICO DE EXPLORACION MINERA
AL SUR DE ANTOFAGASTA EN LA REPUBLICA DE CHILE

PL. 6-13

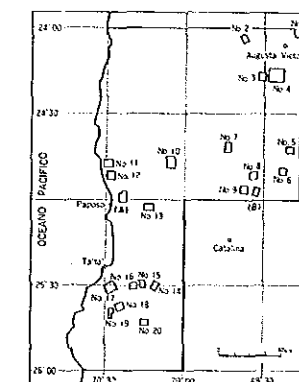
PLANO DE UBICACION DE AREAS DE MINERALIZACION
Y ALTERACION

AREA No. 13

ESCALA 1 : 20.000

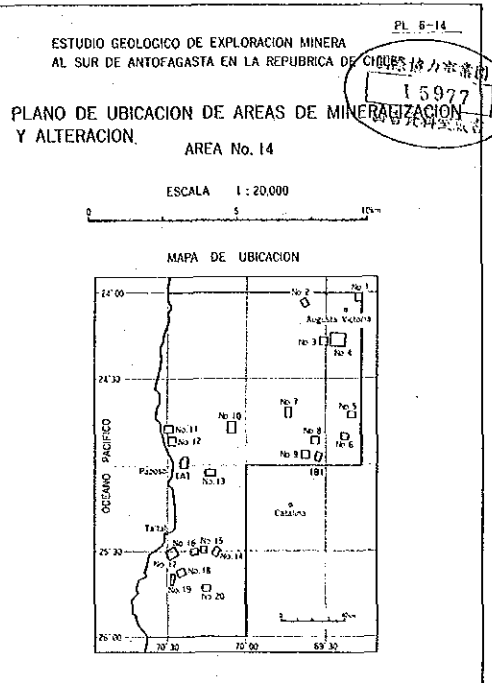
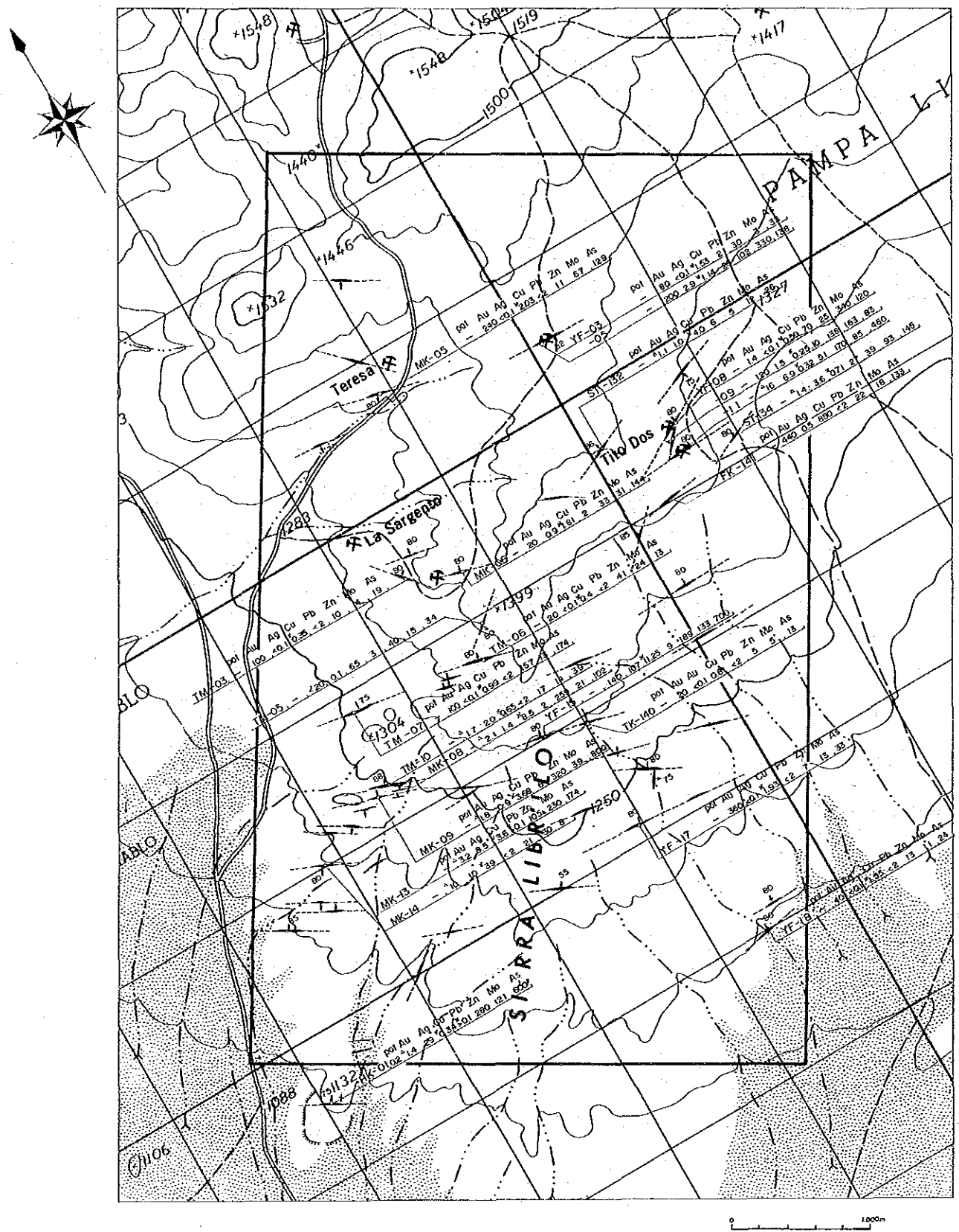
15977

MAPA DE UBICACION

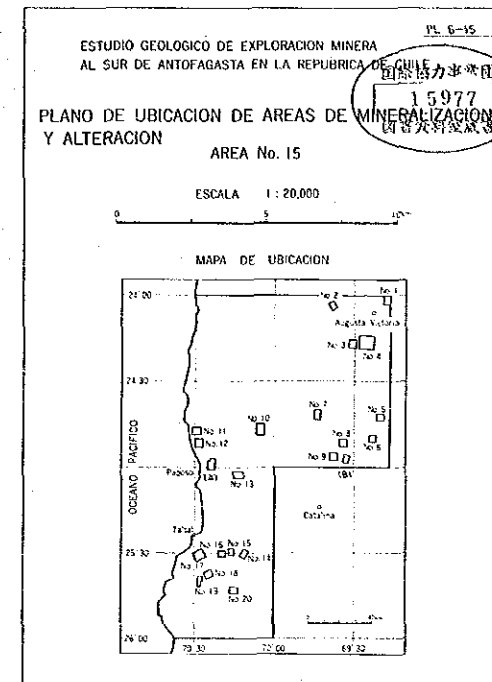
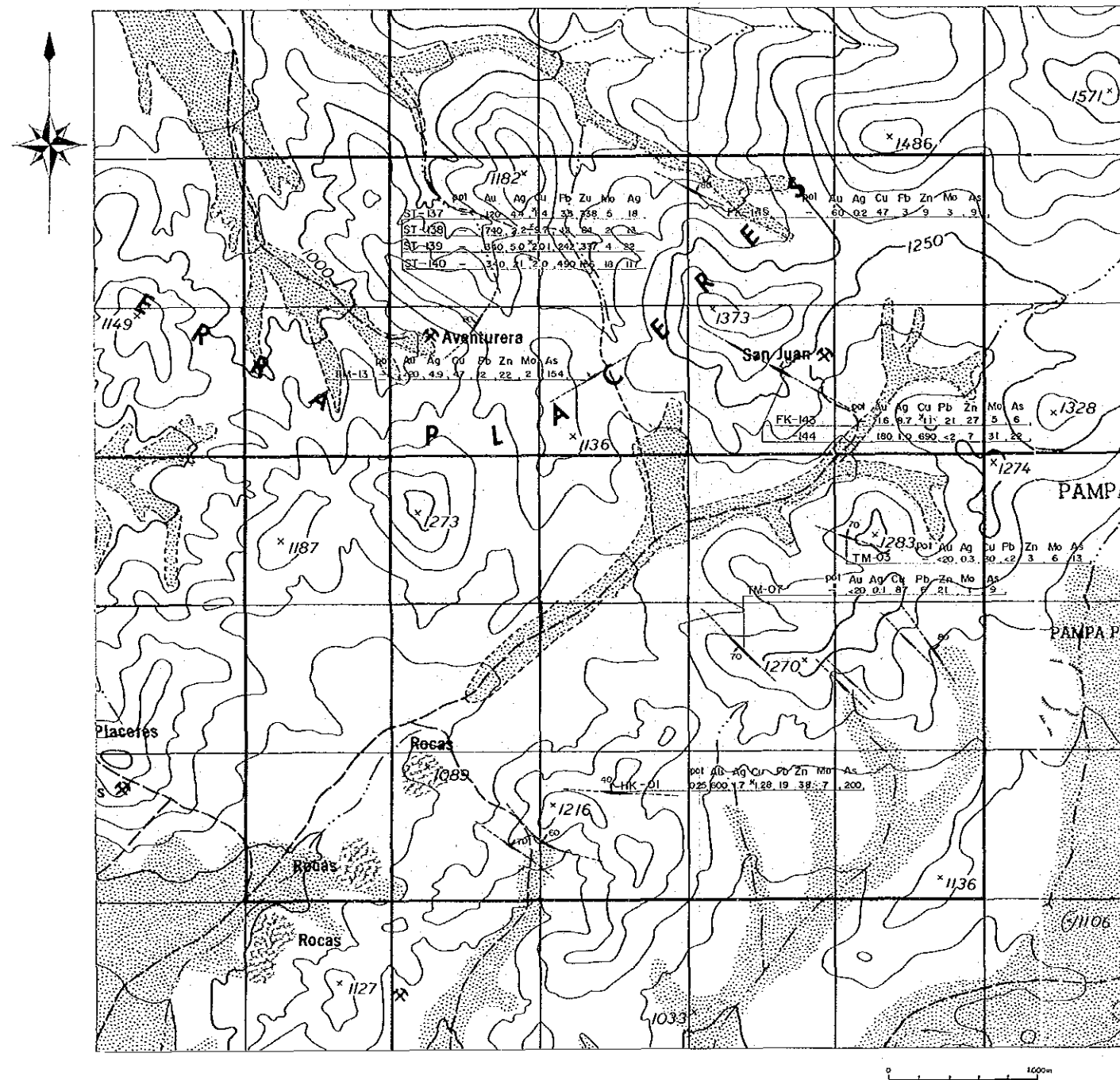


LEYENDA

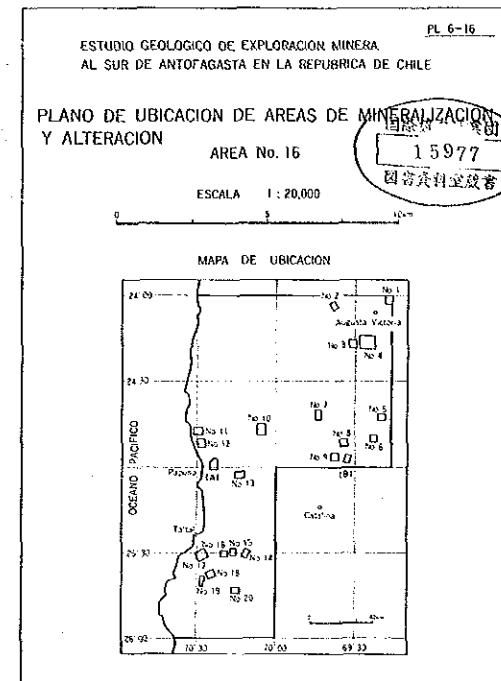
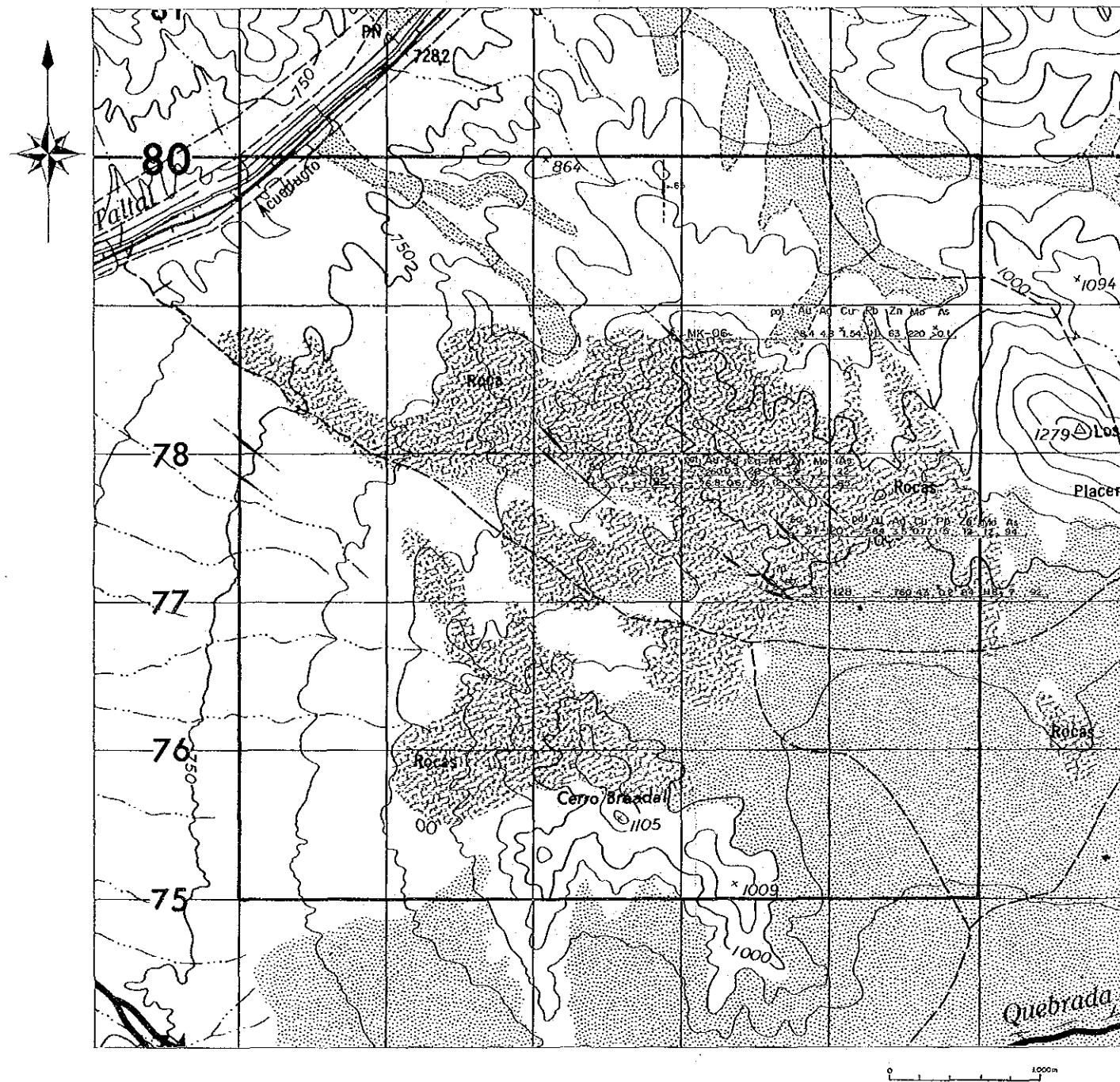
- Yacimiento tipo Manto
- Veta con mineralización
- Diseminación de limonita y hematita
- Silicificación
- Argilización
- Zona de cizalle
- Socavón
- Trinchera
- Pique
- Mina
- Número de muestra
- pol. Au Ag Cu Pb Zn Mo As
(%) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 % : (%)
Au
1.3 : (ppm)



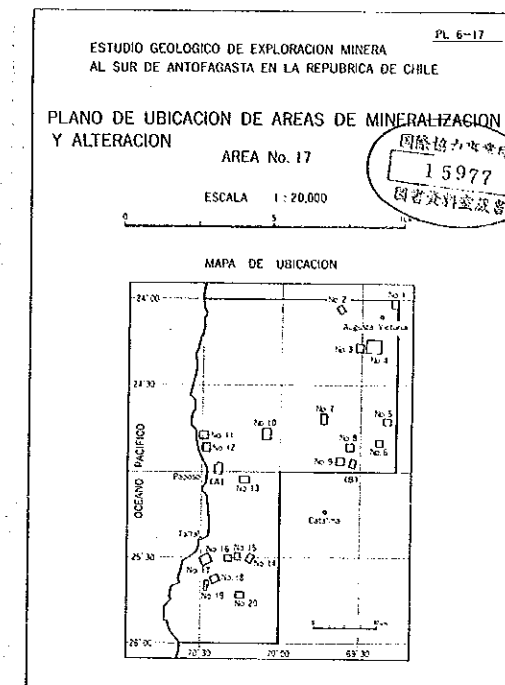
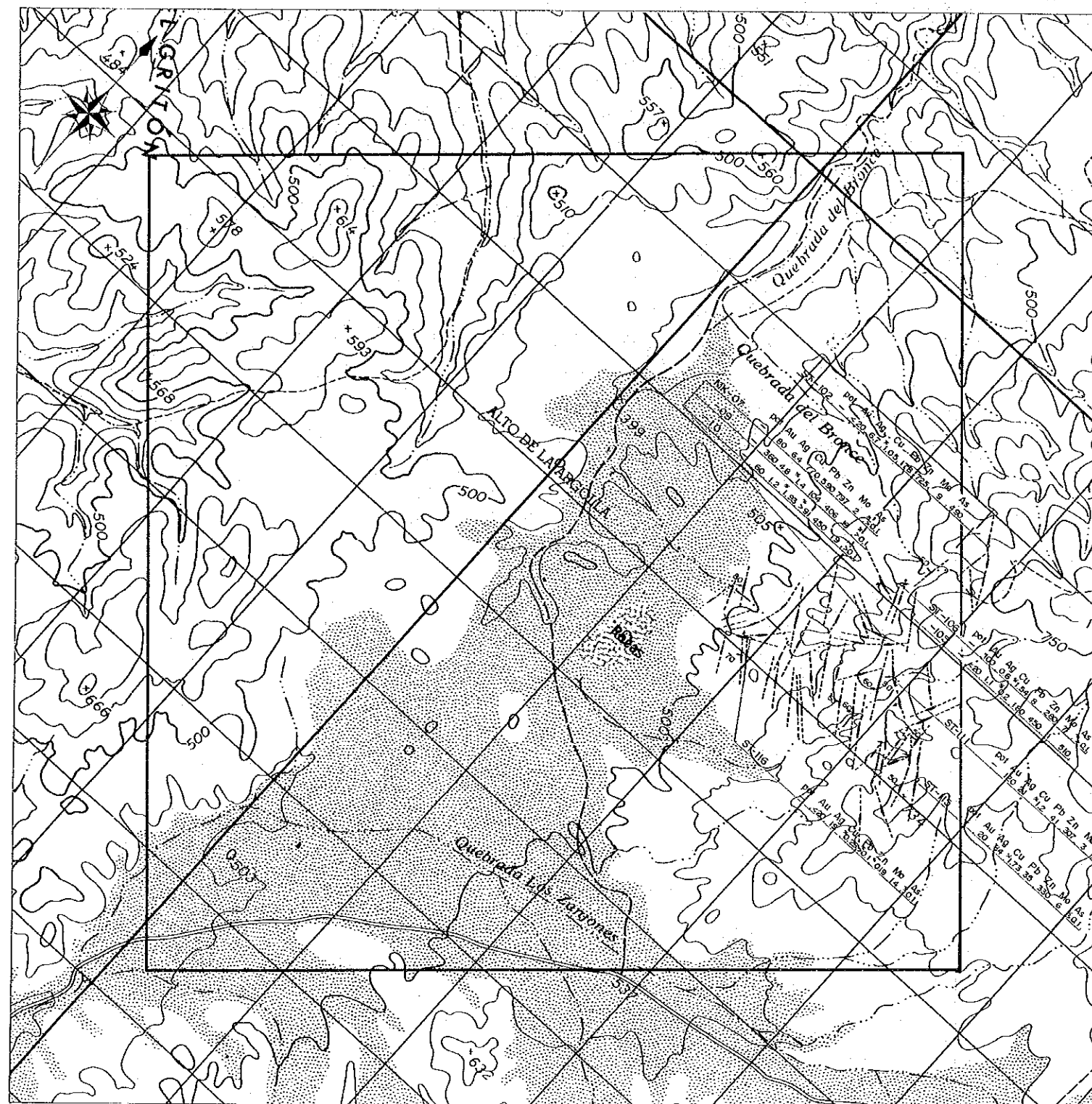
- LEYENDA
- Yacimiento tipo Manto
 - Veta con mineralización
 - Diseminación de limonita y hematita
 - Silificación
 - Argilización
 - Zona de cizalle
 - Socavón
 - Trinchera
 - Pique
 - Mina
 - Número de muestra
- pol. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
- * Cu
3.2 %:(%)
Au
1.3 △:(ppm)



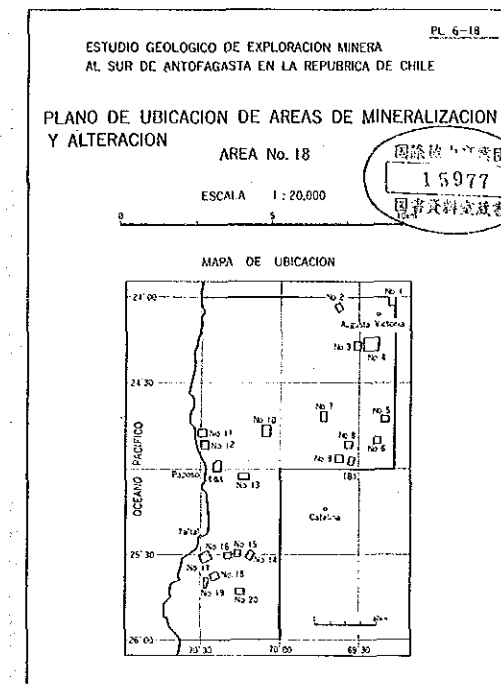
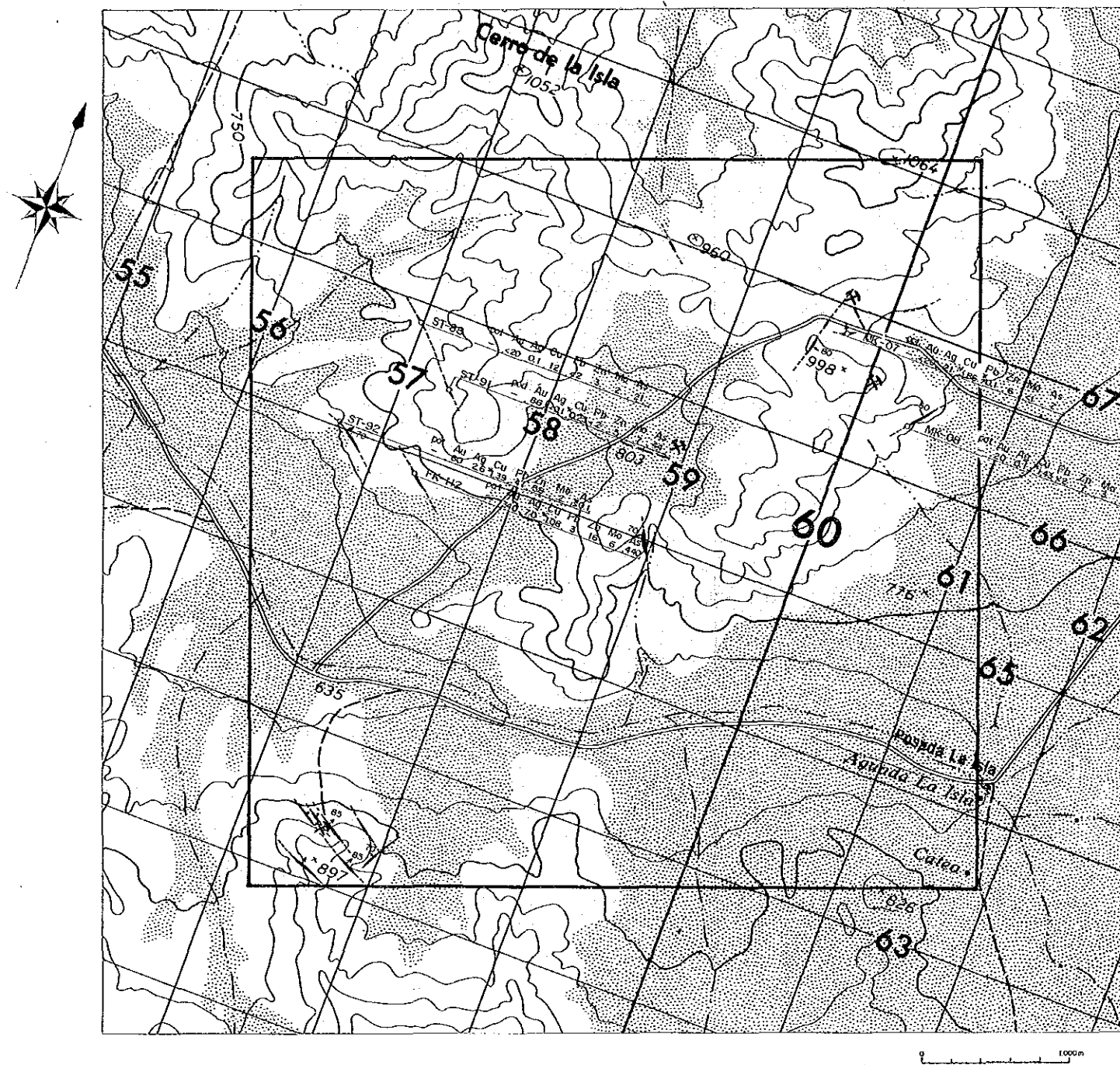
- LEYENDA
- Yacimiento tipo Manto
 - Veta con mineralización
 - Diseminación de limonita y hematita
 - Silicificación
 - Argilización
 - Zona de cizalle
 - Socavón
 - Trinchera
 - Pique
 - Mina
 - Número de muestra
- pot. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 %: (%)
1.3 Δ: (ppm)



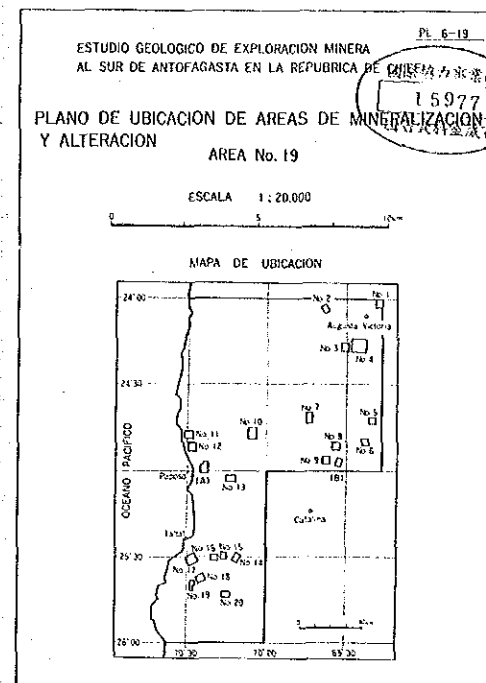
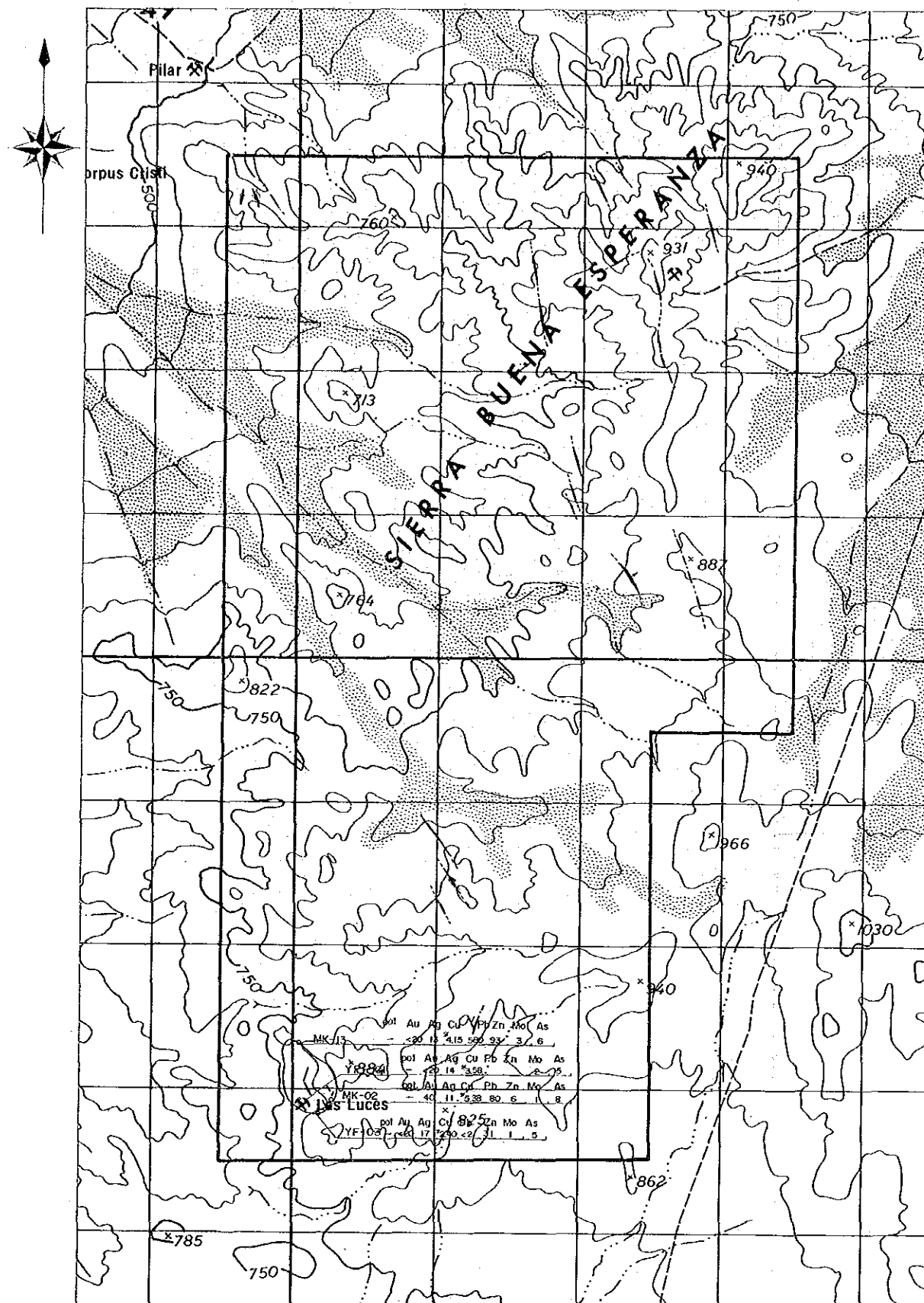
- LEYENDA
- Yacimiento tipo Manto
 - Veta con mineralización
 - ... Diseminación de limonita y hematita
 - Silicificación
 - ▨ Argilización
 - △ Zona de cizalle
 - ~ Socavón
 - ▭ Trinchera
 - Pique
 - × Mina
 - TM-1 Número de muestra
- pot. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
- * 3.2 m (%)
△ Au
1.3 m (ppm)



- LEYENDA
- Yacimiento tipo Manto
 - Veta con mineralización
 - ... Diseminación de limonita y hematita
 - Silicificación
 - ▨ Argilización
 - △ Zona de cizalle
 - ~ Socavón
 - Trinchera
 - Pique
 - × Mina
 - TM-1 ○ Número de muestra
- pot. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 % Cu
1.3 % Au

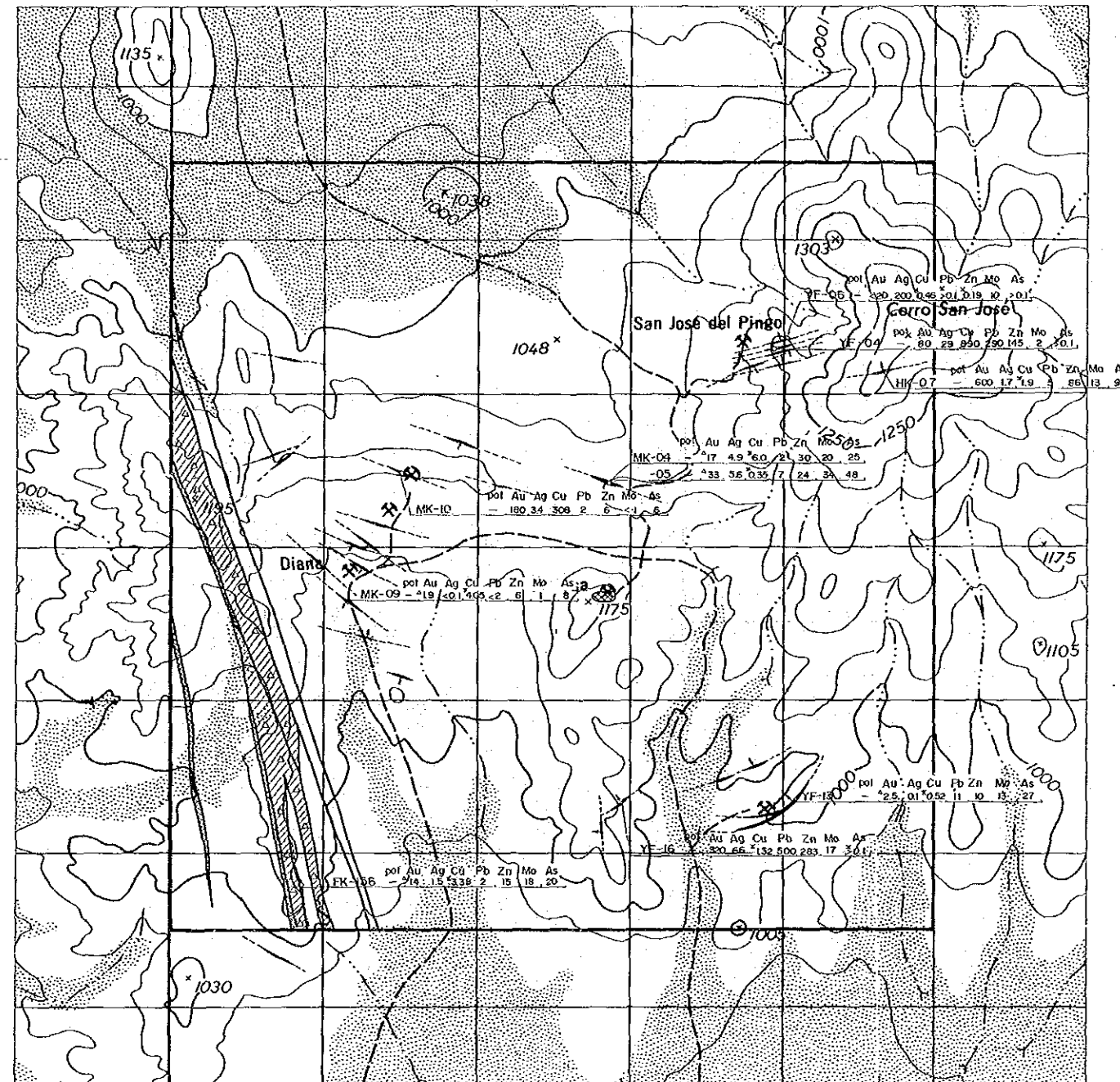


- LEYENDA
- Yacimiento tipo Manto
 - Veta con mineralización
 - ... Diseminación de limonita y hematita
 - Silicificación
 - Argilización
 - △ Zona de cizalle
 - ∩ Socavón
 - ▭ Trinchera
 - Pique
 - × Mina
 - TM-1 Número de muestra
- | | pot. | Au | Ag | Cu | Pb | Zn | Mo | As |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| (m) | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
- ※ Cu
3.2 ※ (%)
△ Au
1.3 △ (ppm)



LEYENDA

- Yacimiento tipo Manto
 - Veta con mineralización
 - ... Diseminación de limonita y hematita
 - Silicificación
 - ▨ Argilización
 - △ Zona de cizalla
 - ∩ Socavón
 - ▭ Trincheras
 - Pique
 - × Mina
 - Número de muestra
- pot. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 %: (%)
Au
1.3 Δ: (ppm)



0 1.000m

ESTUDIO GEOLOGICO DE EXPLORACION MINERA
AL SUR DE ANTOFAGASTA EN LA REPUBLICA DE CHILE

PL 6-20

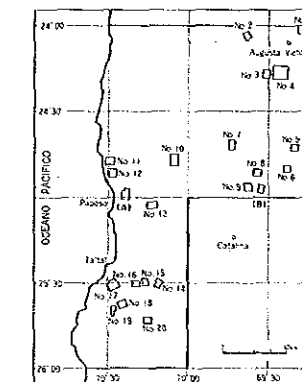
PLANO DE UBICACION DE AREAS DE MINERALIZACION
Y ALTERACION

AREA No.20

ESCALA 1:20.000

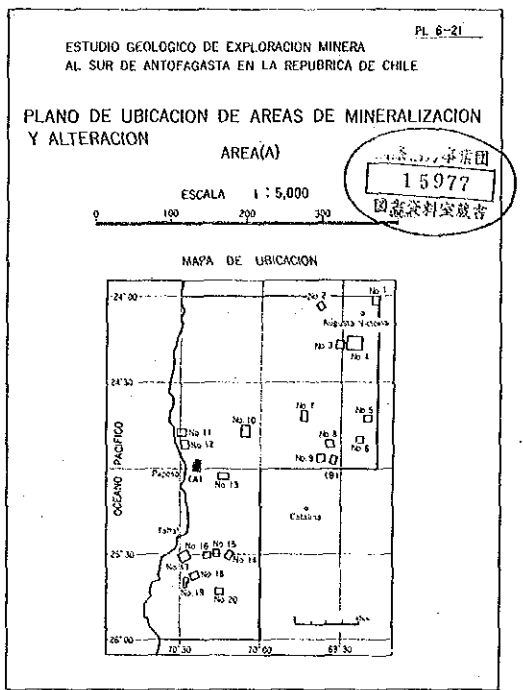
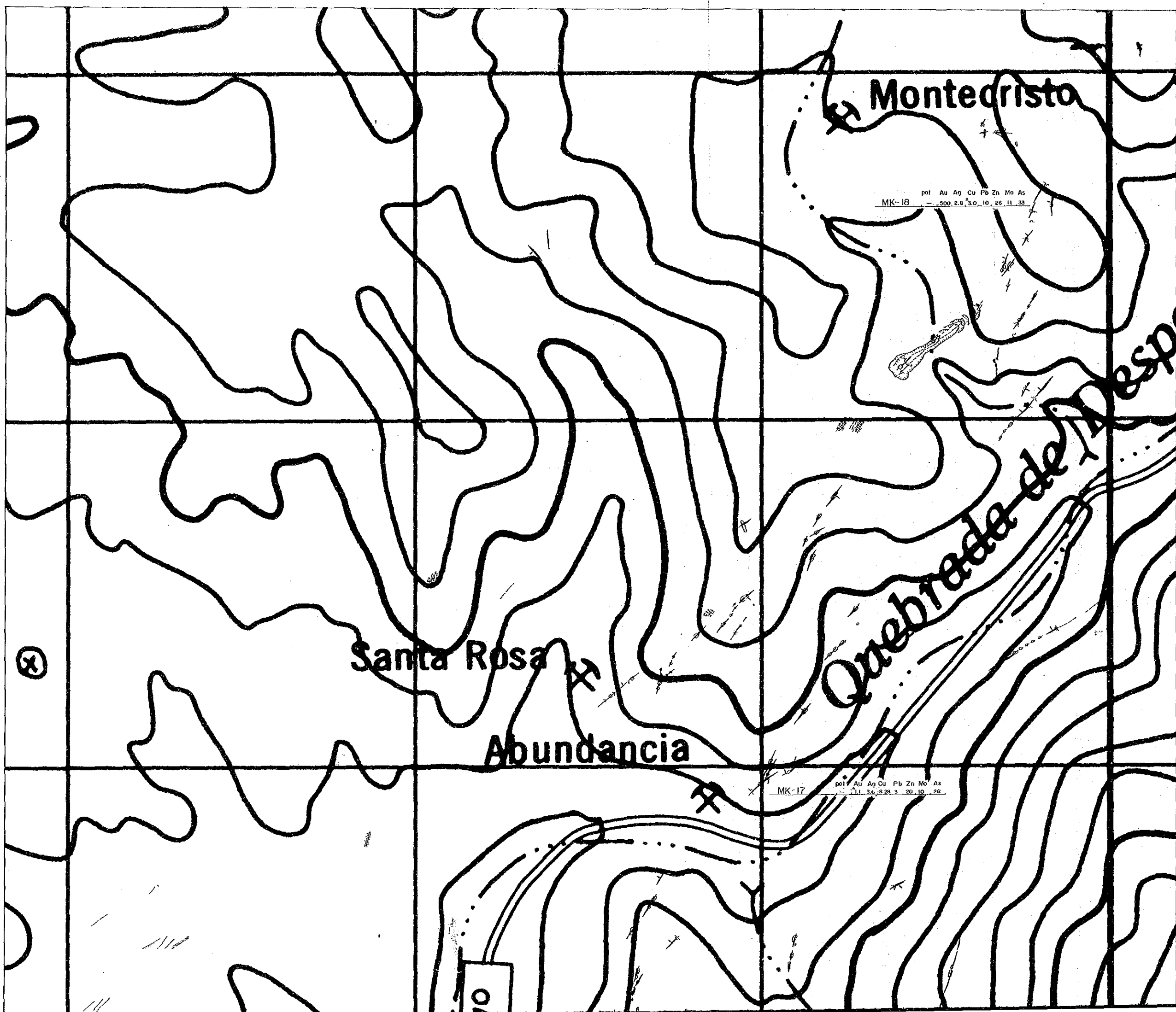
15977

MAPA DE UBICACION



LEYENDA

- Yacimiento tipo Manto
- Veta con mineralización
- Diseminación de limonita y hematita
- Silicificación
- Argilización
- Zona de cizalle
- Socavón
- Trinchera
- Pique
- × Mina
- Número de muestra
- pot. Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm)
- * Cu
3.2 % (‰)
- △ Au
1.3 △ (ppm)



- LEYENDA**
- Yacimiento tipo Manto
 - Veta con mineralización
 - Diseminación de limonita y hematita
 - Silicificación
 - Argillización
 - Zona de cizalla
 - Socavón
 - Trinchera
 - Pique
 - Mina
 - Número de muestra
- pot Au Ag Cu Pb Zn Mo As
(m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)
- * Cu
3.2 % : (%)
Au
1.3 Δ : (ppm)

Abundancia

MK-17

pot Au Ag Cu Pb Zn Mo As
11 3.5 9.23 3 20 10 29

B-70

MK-7

pot Au Ag Cu Pb Zn Mo As
3.0 10 1.25 38 92 2 27

Gentil

X1405

Mantos

MK-5

pot Au Ag Cu Pb Zn Mo As
2.20 0.1 25 20 50 1 45

*1297

MK-6

pot Au Ag Cu Pb Zn Mo As
360 4.2 388 0.1 850 65 190

La Fortuna

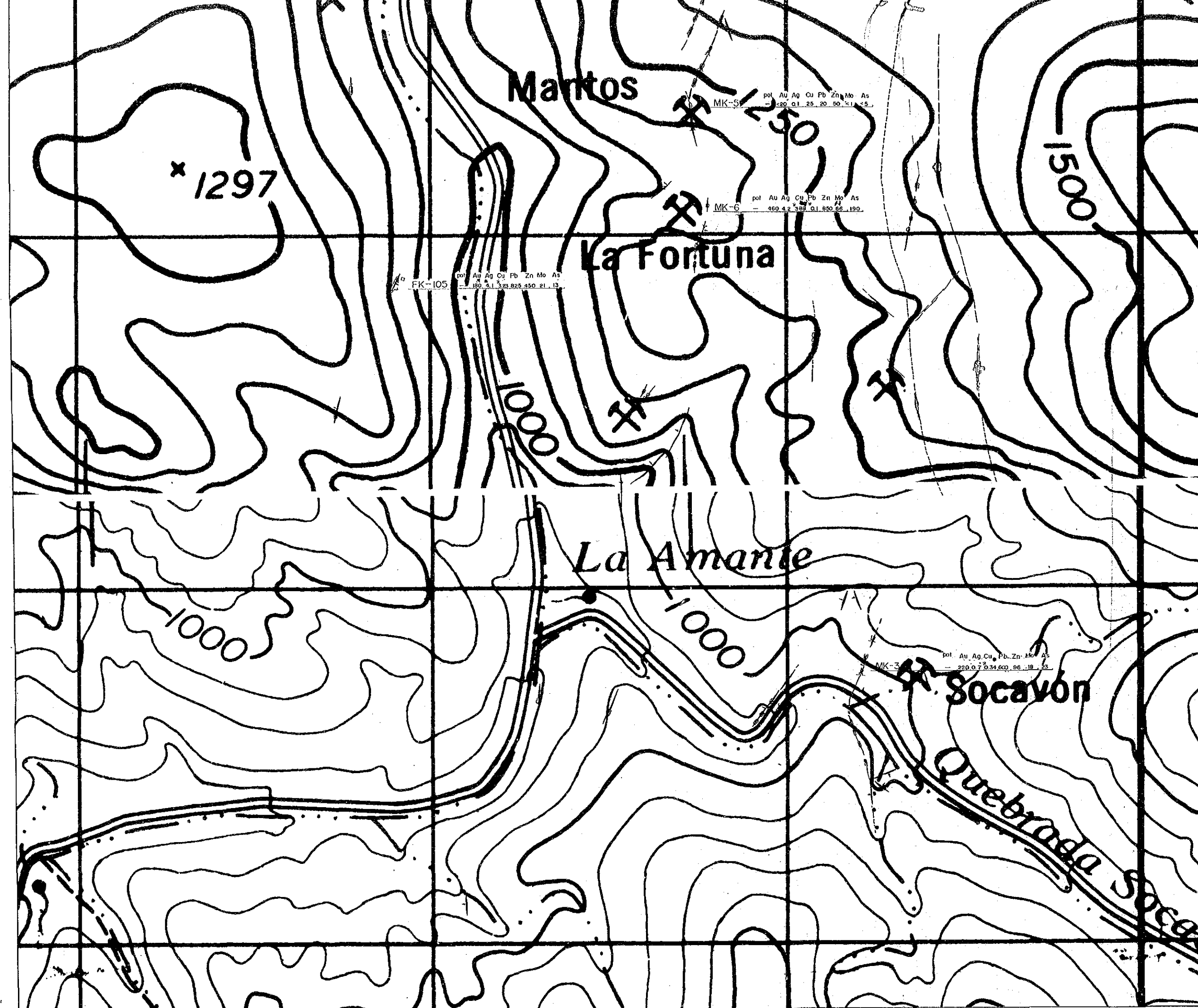
FK-105

pot Au Ag Cu Pb Zn Mo As
180 4.1 323 825 450 21 13

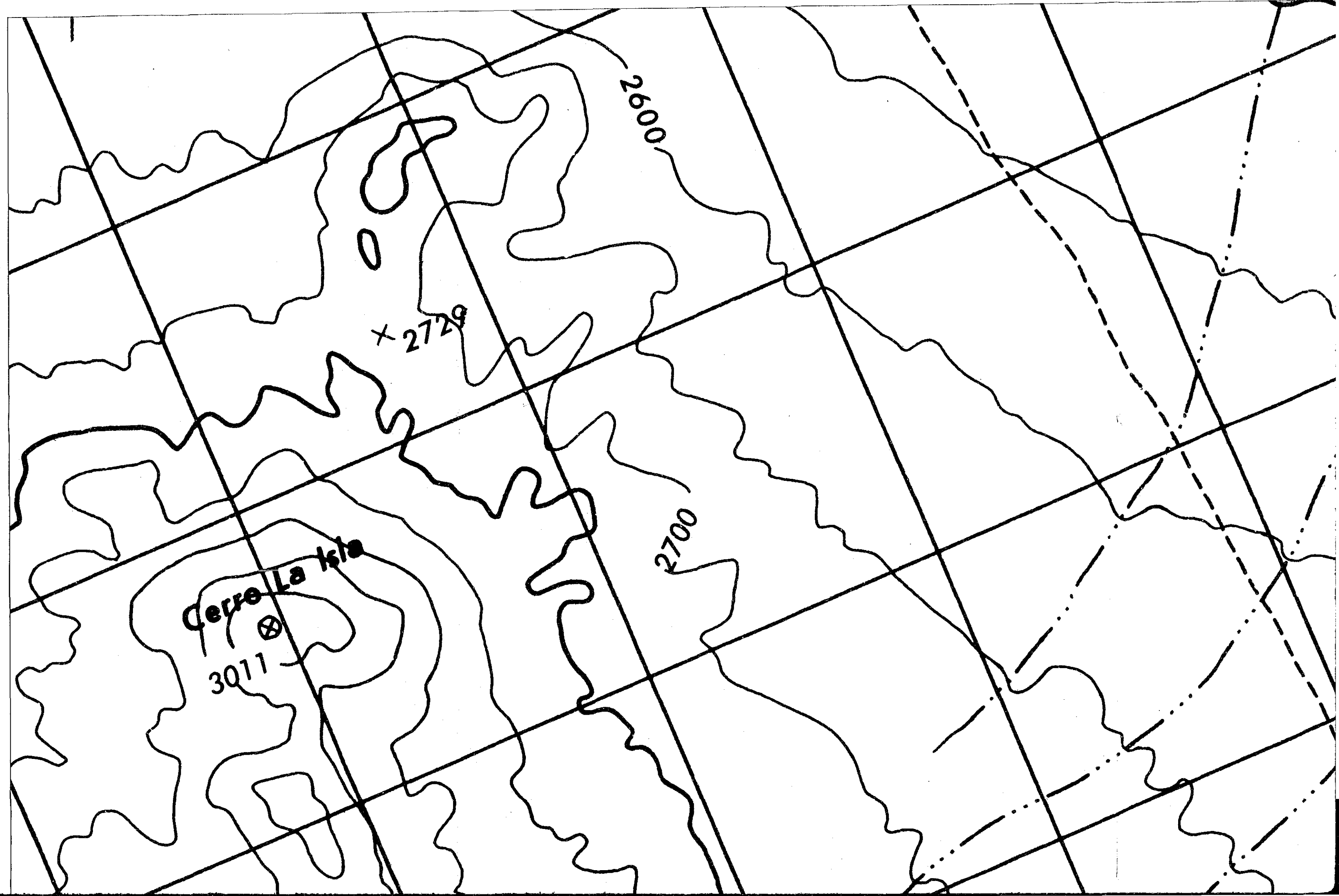
1000

1500

La Amante



0 500m



+ 2729

2600

2700

Cerro La Isla

3011

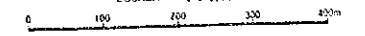
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PL 6-22(1)

ESTUDIO GEOLOGICO DE EXPLORACION MINERA
AL SUR DE ANTOFAGASTA EN LA REPUBLICA DE CHILE

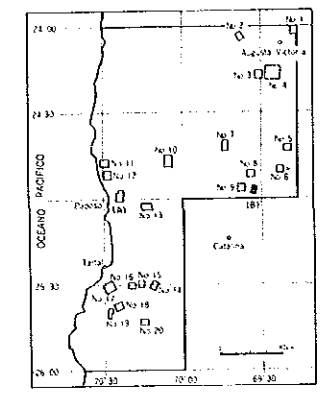
PLANO DE UBICACION DE AREAS DE MINERALIZACION
Y ALTERACION

AREA(B)

ESCALA 1 : 5,000



MAPA DE UBICACION



LEYENDA

- Yacimiento tipo Manto
 - Veta con mineralización
 - Diseminación de limonita y hematita
 - Silicificación
 - Argilización
 - Zona de cizalle
 - Socavón
 - Trinchera
 - Pique
 - Mina
 - Número de muestra
- pol. Au Ag Cu Pb Zn Mo As
(m) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 Cu
1.3 Au
1.3 Au
1.3 Au

Cerro La Isla
3011

2800

	pot	Au	Ag	Cu	Pb	Zn	Mo	As
	(m)	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
CR-21	—	20	32	58	8	78	41	13
AP-54A	—	20	125	97	190	130	2	69
AP-54B	—	20	36	14	56	177	2	60

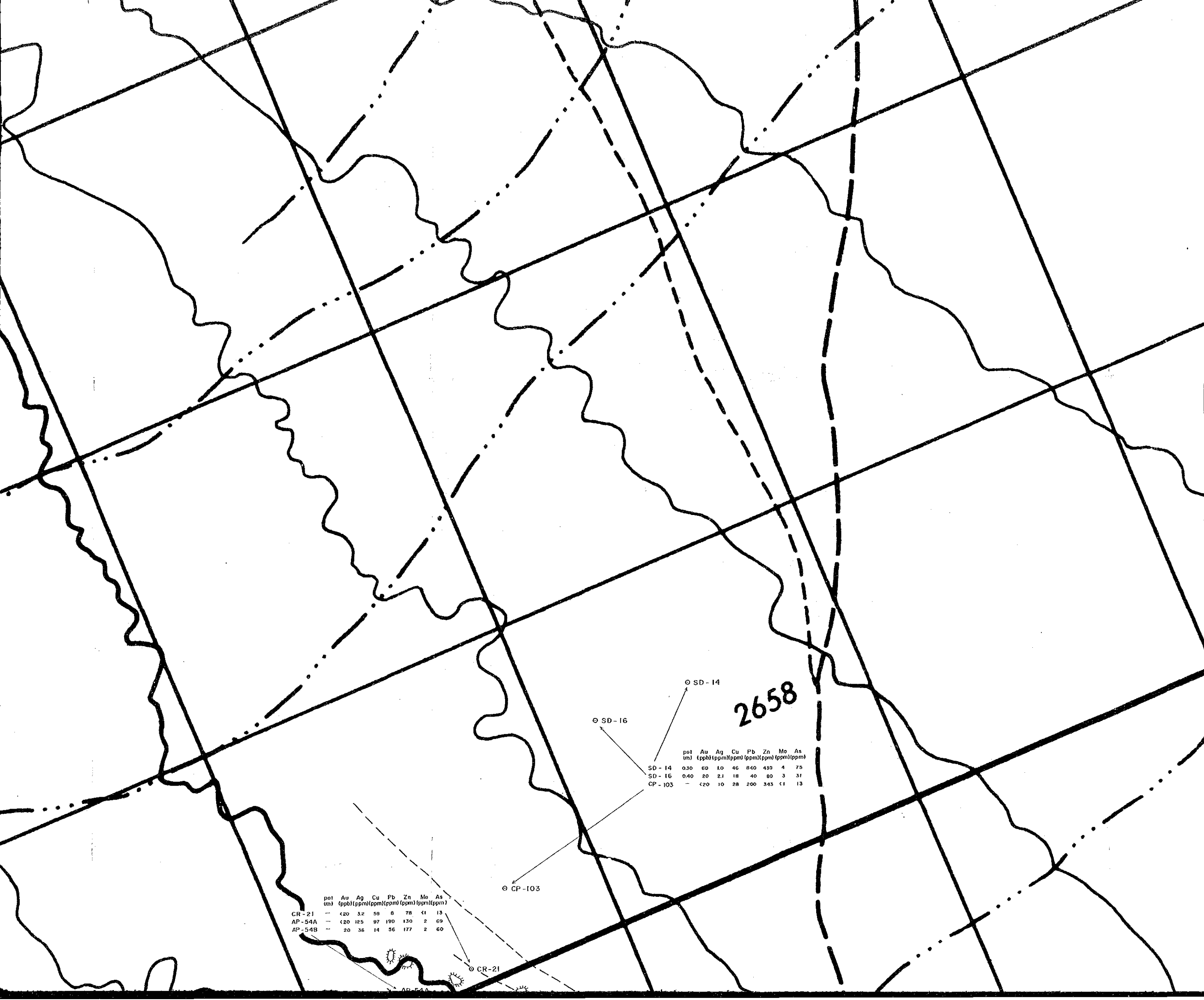
SD-16

CP-103

CR-21

AP-54A
AP-54B

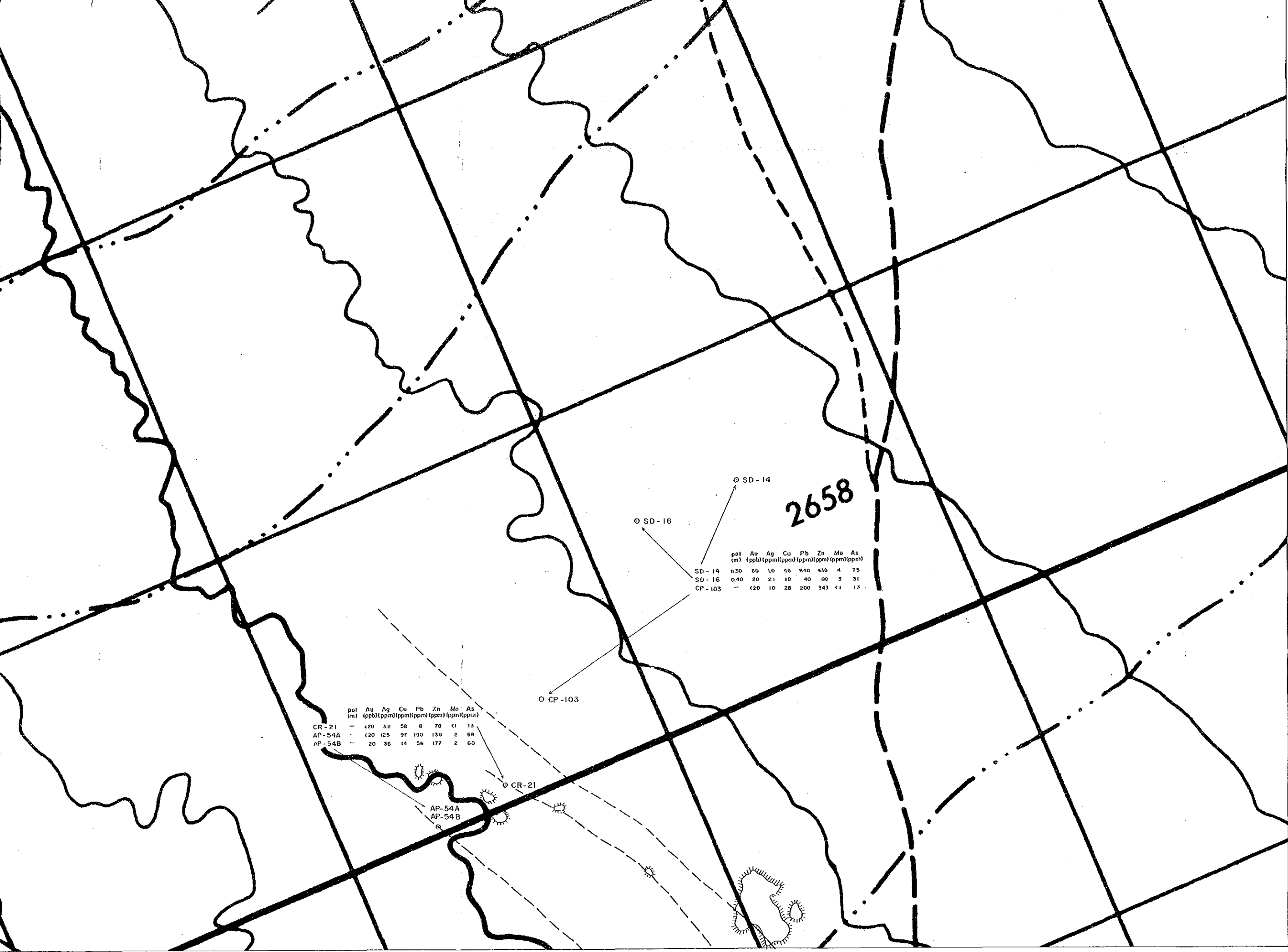
Cu
3.2 * (%)
Au
1.3 (ppm)



	pot	Au	Ag	Cu	Pb	Zn	Mo	As
	(mV)	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
SD-14	0.30	60	1.0	46	840	430	4	75
SD-16	0.40	20	2.1	18	40	60	3	31
CP-103	-	<20	10	28	200	343	<1	13

	pot	Au	Ag	Cu	Pb	Zn	Mo	As
	(mV)	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
CR-21	-	<20	3.2	59	8	78	<1	13
AP-54A	-	<20	125	97	190	130	2	69
AP-54B	-	20	36	14	56	177	2	60



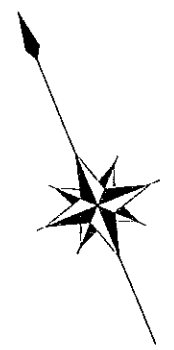


2658

	pot (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	As (ppm)
SD-14	0.30	60	10	46	840	450	4	75
SD-16	0.40	20	21	18	40	80	3	31
CP-103	—	<20	10	28	200	343	<1	13

	pot (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	As (ppm)
CR-21	—	<20	3.2	58	8	78	<1	13
AP-54A	—	<20	125	97	190	130	2	69
AP-54B	—	20	36	14	56	177	2	60

0 500m



Cerro Peña
PENAFIEL
3159

3000

3000

3103

3111

	pol (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	As (ppm)
P-50	-	60	7.1	22	470	970	1	66
A-62	-	460	110	77	910	790	1	50
AP-63	-	40	54	10	128	96	1	23
AP-65	-	20	21	11	11	101	1	39

AP-50

AP-62

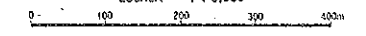
AP-65

ESTUDIO GEOLOGICO DE EXPLORACION MINERA
AL SUR DE ANTOFAGASTA EN LA REPUBLICA DE CHILE

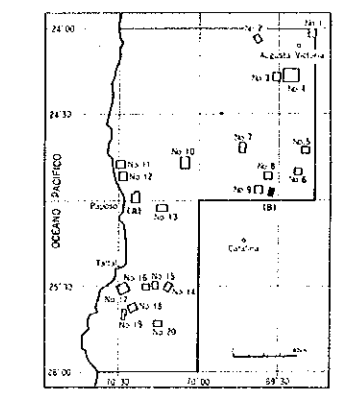
PLANO DE UBICACION DE AREAS DE MINERALIZACION
Y ALTERACION

AREA(B)

ESCALA 1 : 5,000



MAPA DE UBICACION



LEYENDA

- Yacimiento tipo Manto
- Veta con mineralización
- Diseminación de limonita y hematita
- Silicificación
- Argilización
- Zona de cizalle
- Socavón
- Trinchera
- Pique
- Mina
- Número de muestra
- pot Au Ag Cu Pb Zn Mo As (m) (ppb) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)
- 3.2 % Cu
- 1.3 % Au

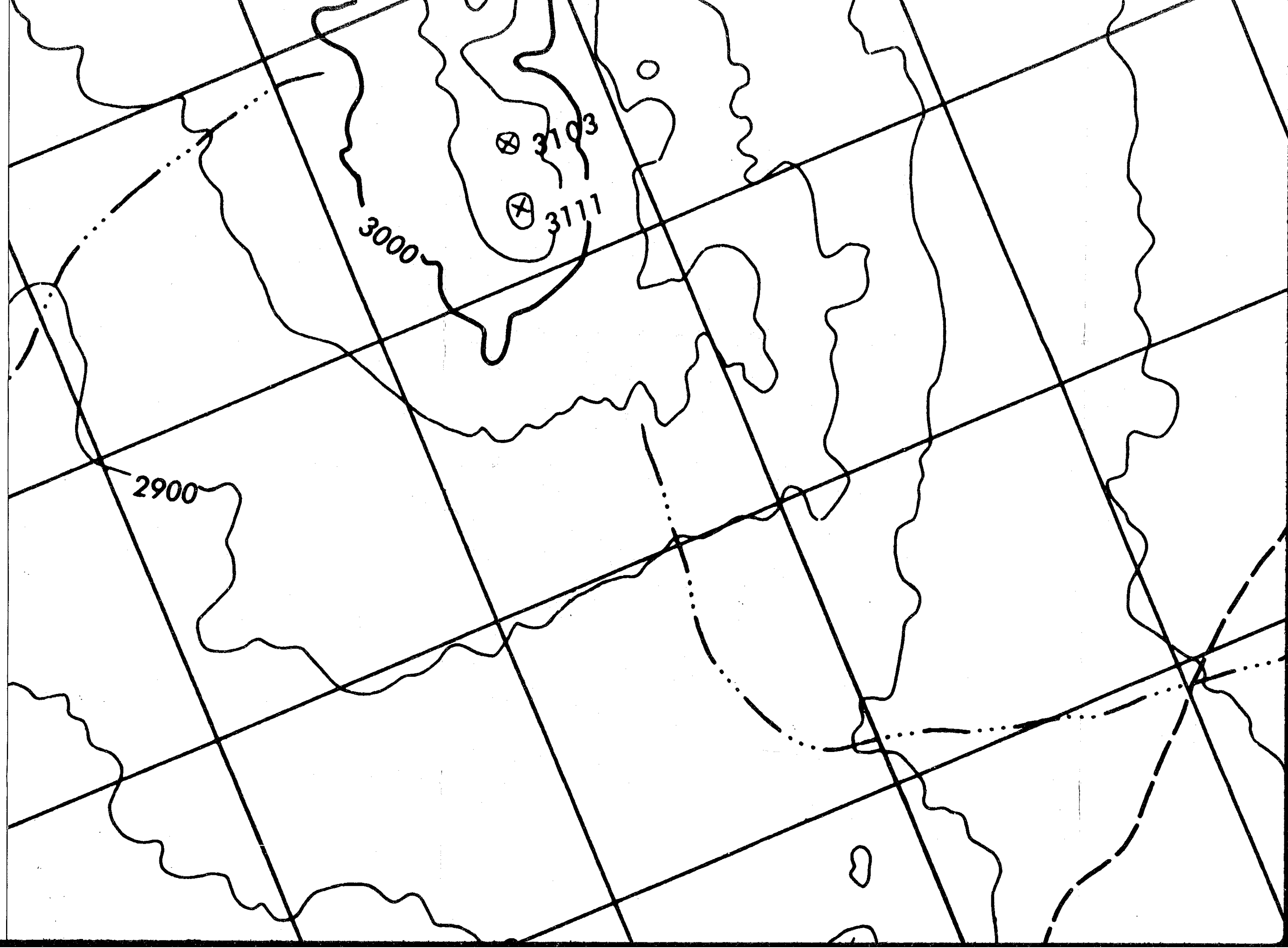
pot	Au	Ag	Cu	Pb	Zn	Mo	As
(m)	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
AP-50	80	7.1	22	470	970	1	66
AP-62	460	110	77	910	790	1	50
AP-63	40	54	10	128	96	1	23
AP-65	20	21	11	11	101	1	39

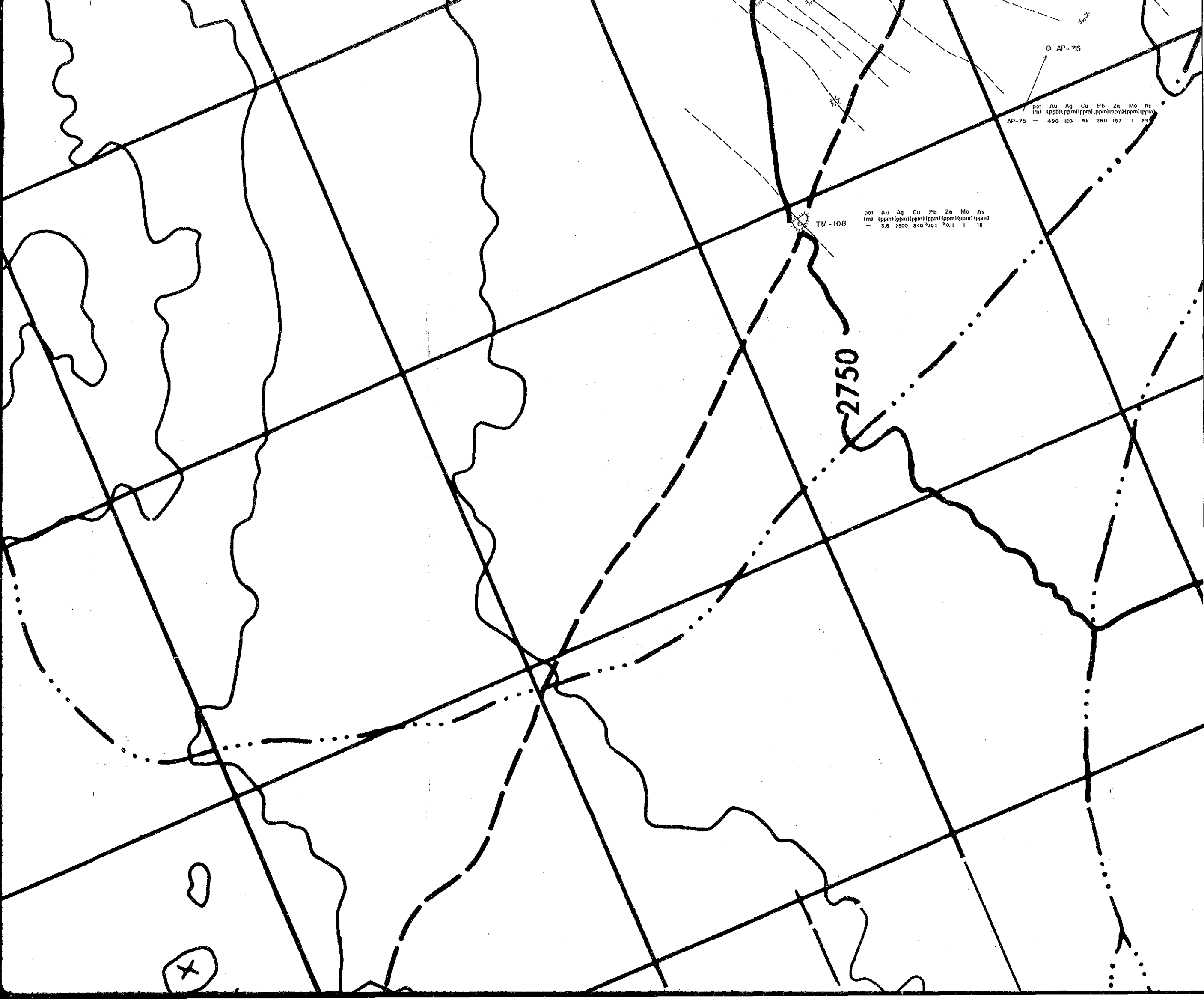
pot	Au	Ag	Cu	Pb	Zn	Mo	As
(m)	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
CP-4	0.45	540	155	59	900	750	1
CP-5	0.20	18	500	520	705	0.73	3
CP-9	—	780	265	106	920	0.10	1
CP-12	0.50	360	255	81	720	0.76	1
CP-14	0.25	80	68	11	62	98	1

pot	Au	Ag	Cu	Pb	Zn	Mo	As
(m)	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
AP-23A	40	60	24	100	230	2	53
AP-23B	380	65	36	188	360	2	30
BYF-6	180	128	620	70.1	0.18	1	3.1

pot	Au	Ag	Cu	Pb	Zn	Mo	As
(m)	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
AP-75	480	120	81	280	157	1	29

pot	Au	Ag	Cu	Pb	Zn	Mo	As
(m)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
TM-108	3.5	3500	340	701	7011	1	16



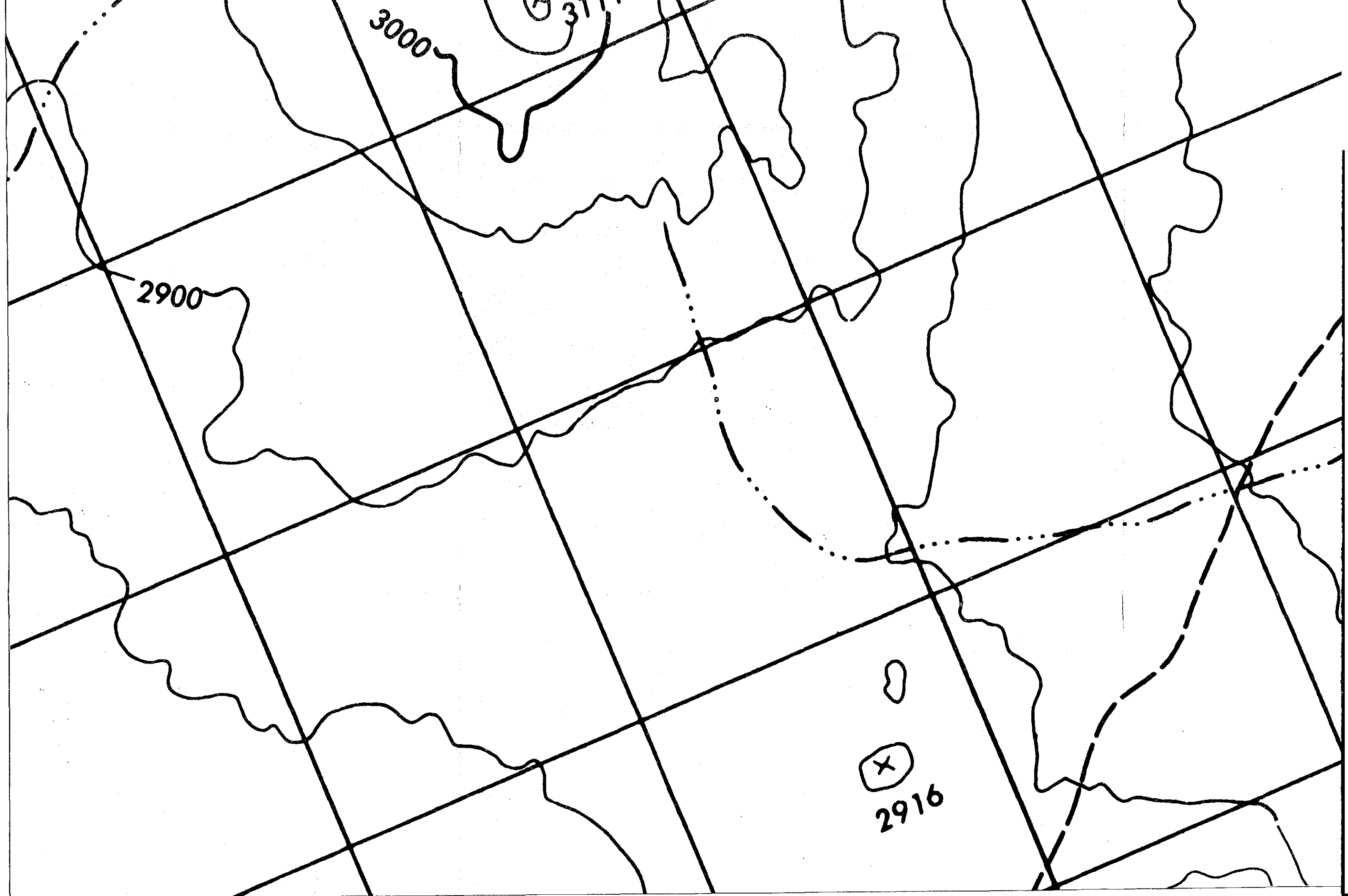


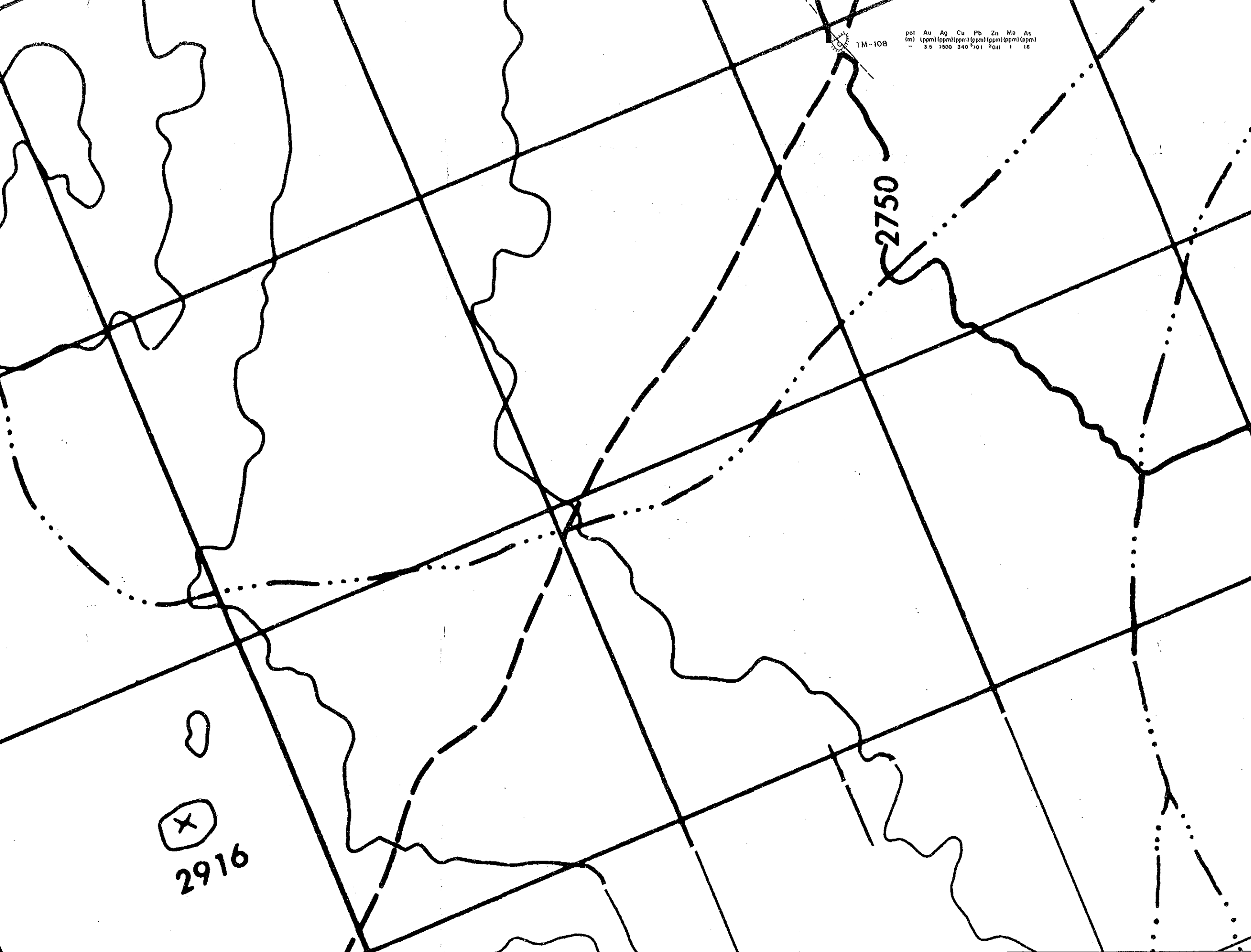
⊙ AP-75

	Au	Ag	Cu	Pb	Zn	Mo	As
pt	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
AP-75	480	120	81	280	157	1	29

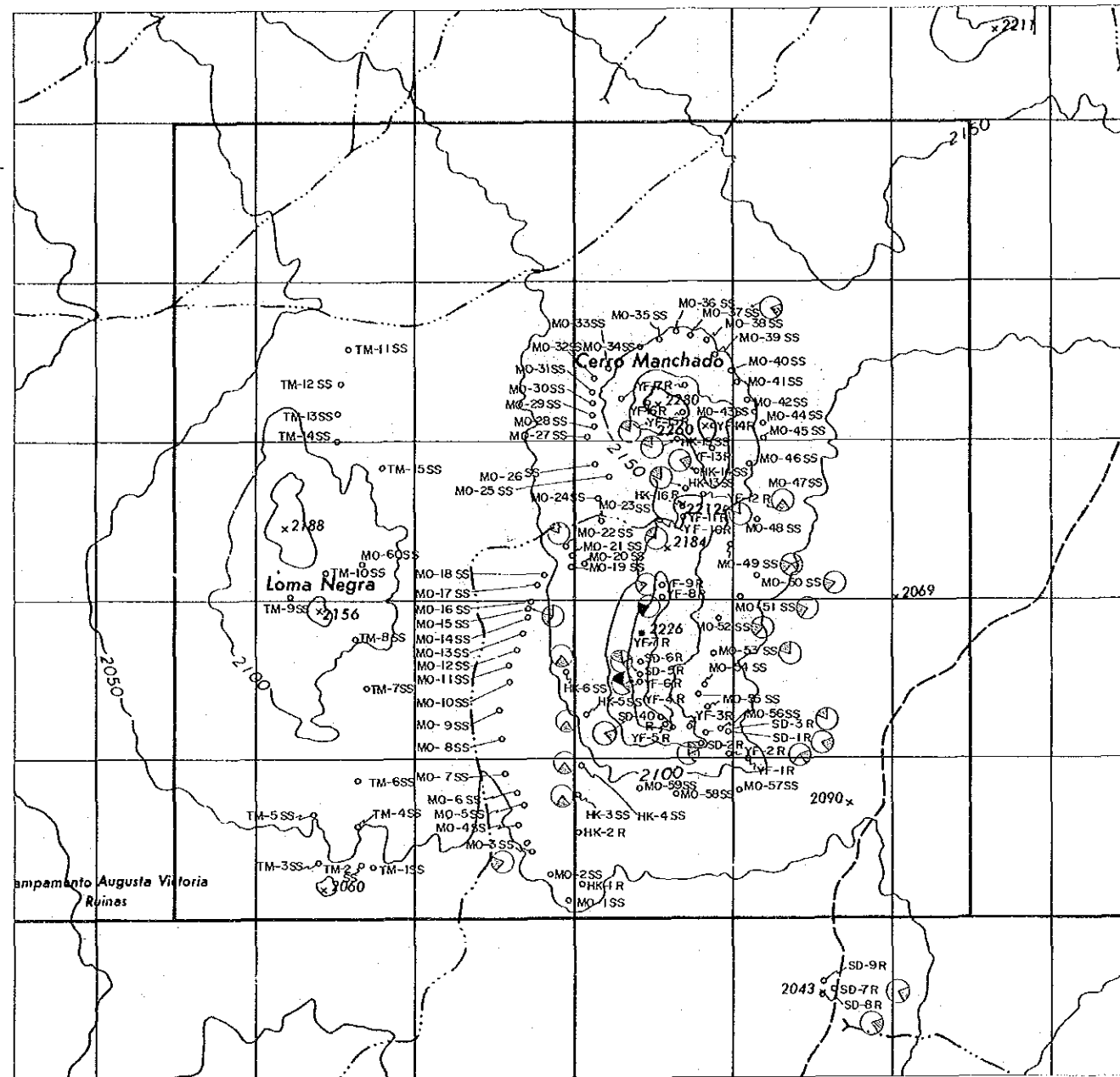
⊙ TM-108

	Au	Ag	Cu	Pb	Zn	Mo	As
(m)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
	3.5	1500	340	101	2011	1	16





pot	Au	Ag	Cu	Pb	Zn	Mo	As
(m)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3.5	2500	340	501	2011	1	16	



0 1000m

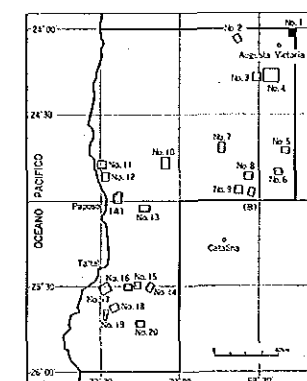
ESTUDIO GEOLOGICO DE EXPLORACION MINERA
AL SUR DE ANTOFAGASTA EN LA REPUBLICA DE CHILE

MAPA DE ANOMALIA GEOQUIMICA
AREA No. 1

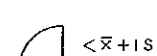
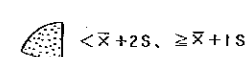
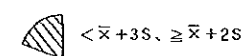
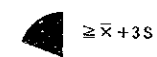
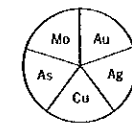
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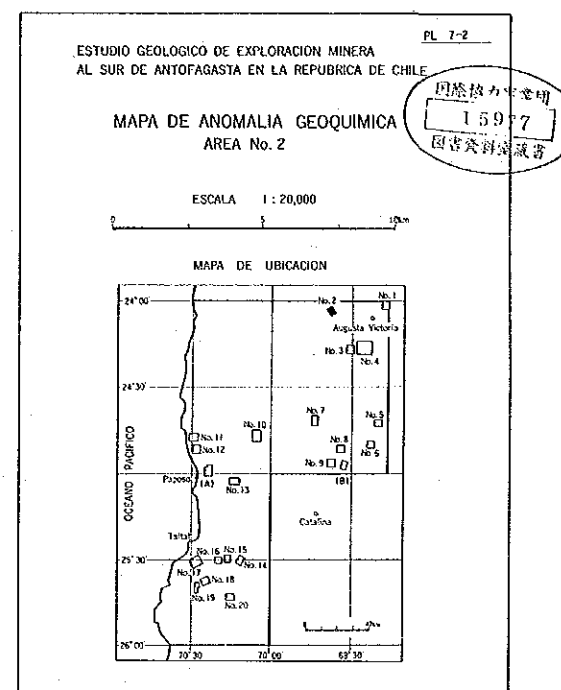
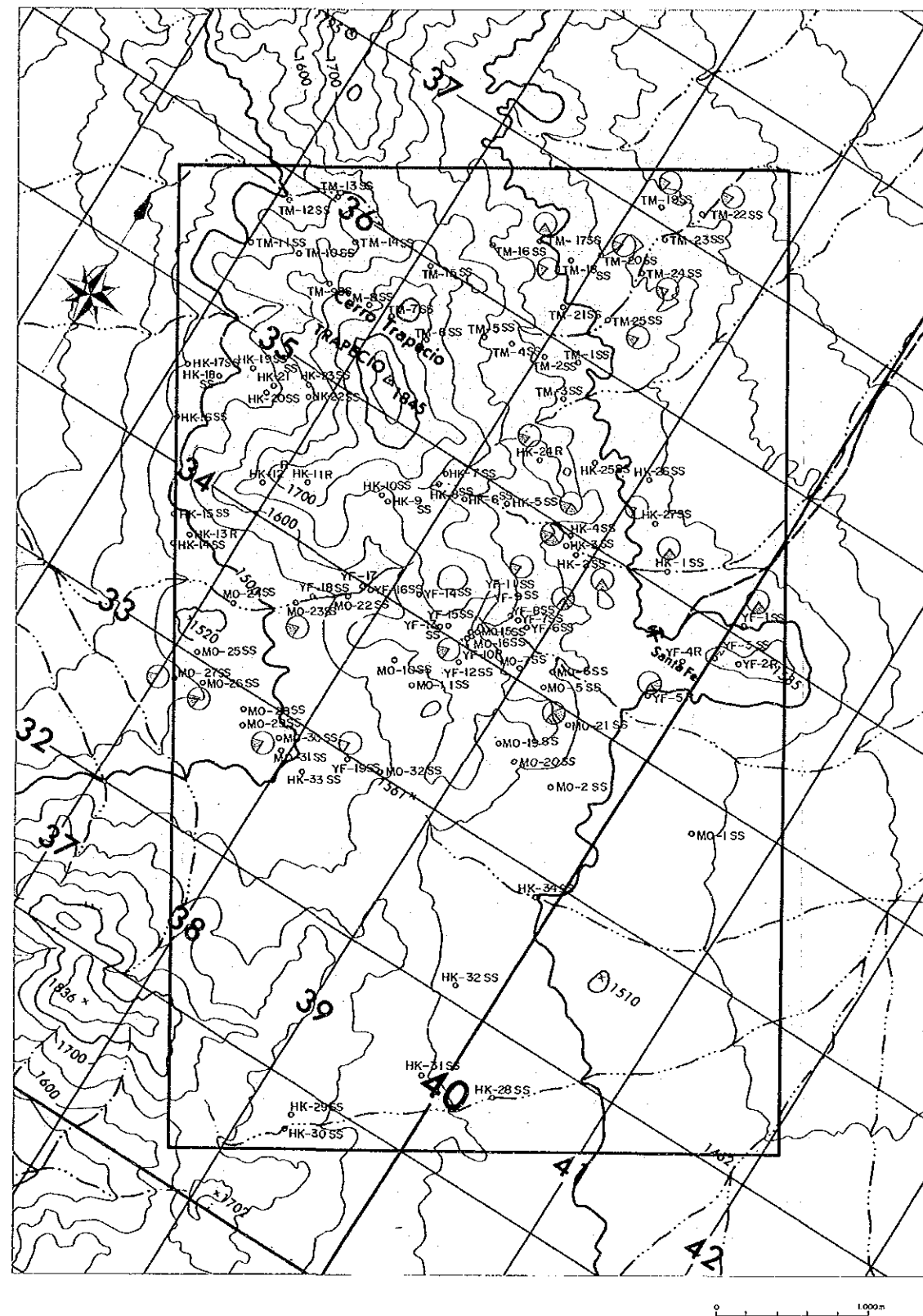


MAPA DE UBICACION

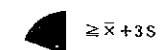
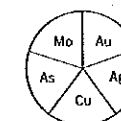


LEYENDA





LEYENDA



$\geq \bar{x} + 3S$



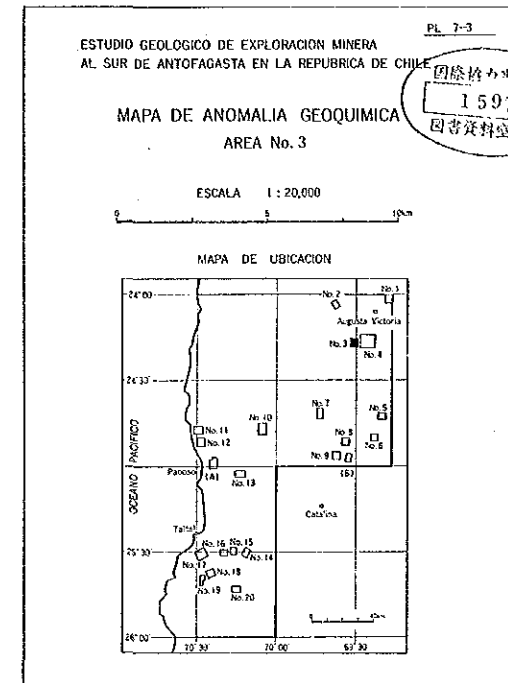
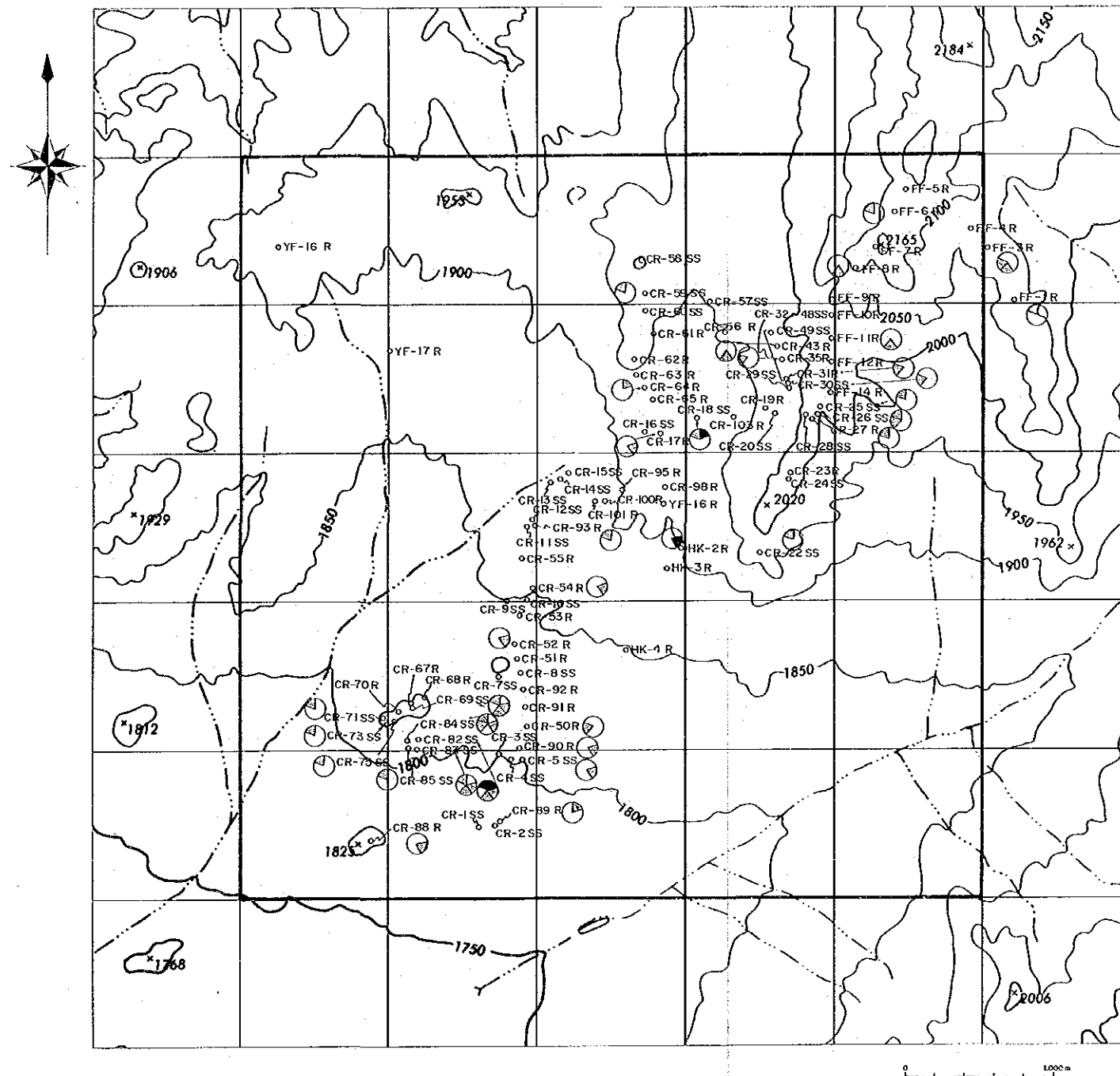
$< \bar{x} + 3S, \geq \bar{x} + 2S$



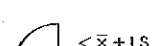
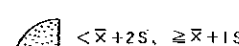
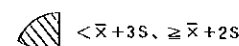
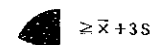
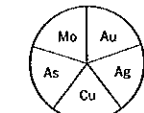
$< \bar{x} + 2S, \geq \bar{x} + 1S$

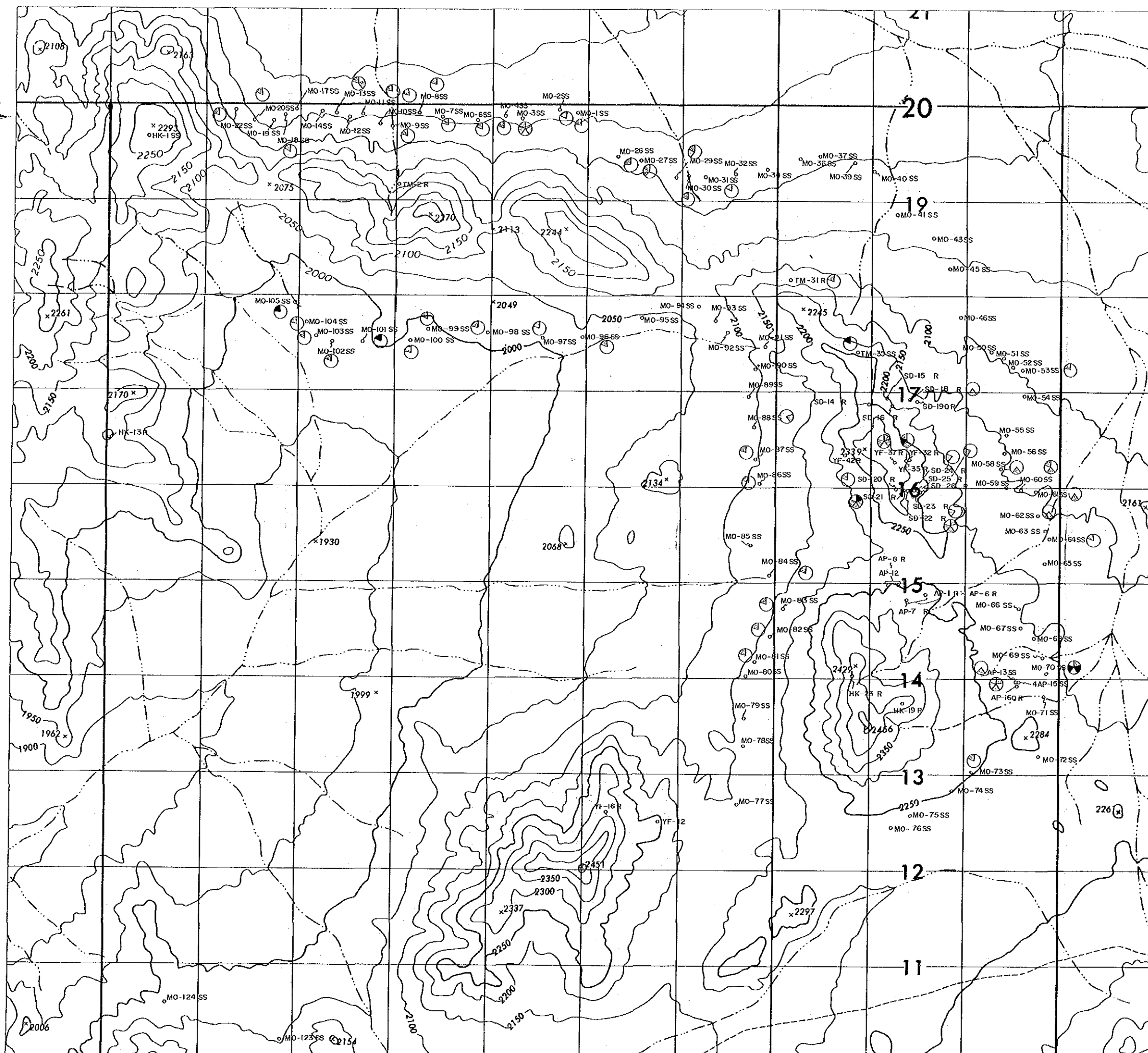


$< \bar{x} + 1S$



LEYENDA





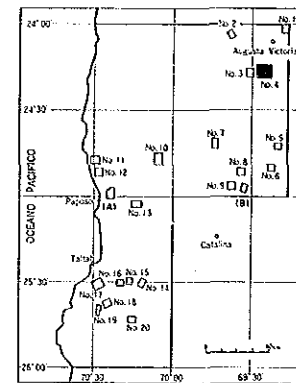
ESTUDIO GEOLOGICO DE EXPLORACION MINERA
AL SUR DE ANTOFAGASTA EN LA REPUBLICA DE CHILE

MAPA DE ANOMALIA GEOQUIMICA
AREA No. 4

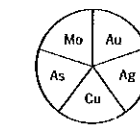
15977
15977

ESCALA 1:20,000

MAPA DE UBICACION



LEYENDA

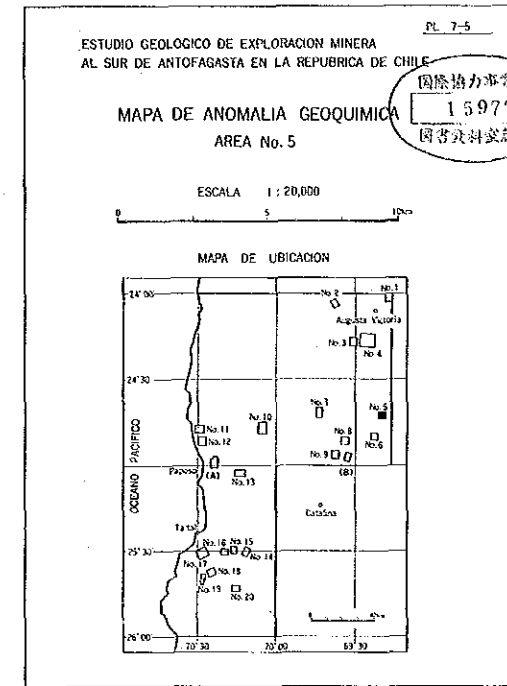
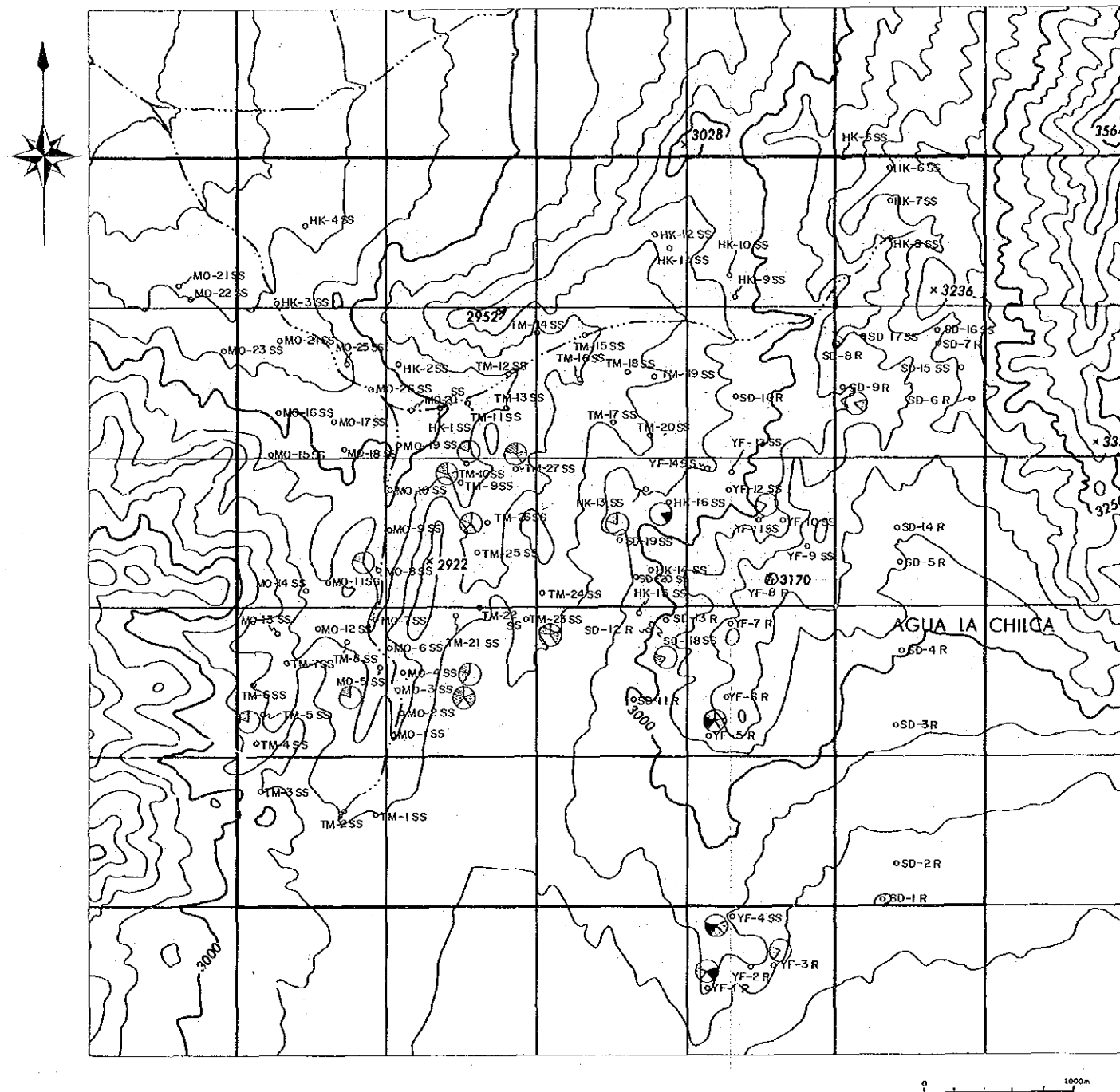


$\geq \bar{x} + 3S$

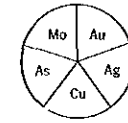
$< \bar{x} + 3S, \geq \bar{x} + 2S$

$< \bar{x} + 2S, \geq \bar{x} + 1S$

$< \bar{x} + 1S$



LEYENDA



$\geq \bar{x} + 3S$

$< \bar{x} + 3S, \geq \bar{x} + 2S$

$< \bar{x} + 2S, \geq \bar{x} + 1S$

$< \bar{x} + 1S$

