

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESPES m	Au (ppb)	Ag (g/l)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
0		suelo													
10		"													
13.50		marron rosada	lim												
		toba sil (f) porosa	m py imp	33.50	1.50	125	194	0.01	0.26	0.01	3.40	0.92	0.07	0.02	<0.001
		gris	lim por fract	15.00											
		gris marronosa	m py imp	15.00											
		"	gn?	17.00	2.00	165	93	0.01	0.44	0.04	5.17	2.19	0.14	0.03	<0.001
		marron rosada		17.00											
		"		17.00											
		"		19.00	2.00	195	126	0.02	0.47	0.02	4.56	1.54	0.12	0.03	<0.001
		gris	gn. sp	19.00											
		"	sp imp	21.00	2.00	1180	91	0.02	0.59	0.02	4.66	2.75	0.12	0.03	<0.001
		marron rosada		21.00											
		gris (part roja)		21.00											
		"		23.00	2.00	325	43	0.02	0.35	0.02	3.98	2.09	0.09	0.04	<0.001
		"		23.00											
		"		23.00	2.00	500	28	0.01	0.28	0.01	3.86	2.37	0.07	0.04	<0.001
		"		25.00											
		"		25.00	2.00	45	39	0.01	0.13	0.02	3.33	2.15	0.05	0.02	<0.001
		"		27.00											
		"		27.00	2.00	40	25	0.03	0.16	<0.01	3.16	1.89	0.07	0.02	<0.001
		"		29.00											
		m sil		29.00											
		"	gn?	31.00	2.00	60	7	0.01	0.33	<0.01	2.45	0.94	0.10	0.02	<0.001
		"	m - poca py imp	31.00											
		"		33.00	2.00	120	4	0.01	0.52	0.01	2.90	2.10	0.23	0.02	<0.001
		"		33.00											
		"		35.00	2.00	235	2	<0.01	0.32	0.01	2.97	2.33	0.09	0.01	<0.001
		"		35.00											
		"		37.00	2.00	725	2	<0.01	0.33	0.02	3.22	2.76	0.07	0.01	<0.001
		"		37.00											
		"		39.00	2.00	700	1	<0.01	0.21	<0.01	3.20	3.05	0.06	0.01	<0.001
		"		39.00											
		"		41.00	2.00	205	<1	<0.01	0.14	0.01	2.22	1.91	0.03	0.01	<0.001
		"		41.00											
		gris oscura, (f sil f fract)		41.00	2.00	120	10	<0.01	0.37	0.02	3.59	2.64	0.06	0.03	<0.001
		"		43.00											
		gris oscura, verdosa	Ag?	43.00											
		" f. fract zone de falla?		45.00	2.00	230	92	0.02	0.92	0.04	6.02	4.66	0.51	0.10	<0.001
		"		45.00											
		"		45.00	5.00	60	46	0.03	0.68	0.97	7.43	7.85	0.91	0.10	<0.001
		"	sp imp	50.00											

SAN ANTONIO PROYECTO

M J H S - 13

CORDENADAS : X : 2.672E
Y : 66N
Z : 1,877m

RUMBO : 33°
INCLINACION : -50°
LONGHUD : 150.40m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESPESES m	Au (ppb)	Ag (g/l)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
50		marga negra, arcillosa (muy suave) part. pirita conc	(f) - m py gn. sp imp	50.00											
		"	"	52.00	2.00	<5	172	0.02	2.53	1.43	20.63	21.70	0.98	0.57	<0.001
		"	Se sp gn imp	52.00											
		"	"	54.00	2.00	<5	190	0.02	1.55	0.65	25.38	28.70	1.87	0.22	<0.001
		<45° " (suave)	"	54.00											
		<45° " "	"	56.00	2.00	15	78	0.01	1.07	0.54	21.08	23.90	0.81	0.05	<0.001
		<20° " "	"	56.00											
		<15° " "	"	58.00	2.00	50	16	0.01	0.22	0.05	14.73	16.20	0.66	0.02	<0.001
		<40° " "	"	58.00											
		<40° " "	sp imp	58.00											
		<40° " "	sp imp	60.00	2.00	120	6	<0.01	0.07	0.16	7.06	7.69	0.32	0.01	<0.001
		<40° 10° bx cly "	"	60.00											
		<60° cly "	"	60.00											
		<30° " "	"	62.00	2.00	265	12	<0.01	0.34	0.22	6.94	7.48	0.08	0.01	<0.001
		<45° " "	sp imp	62.00											
		<45° " "	"	64.00	2.00	565	47	0.01	0.26	0.49	6.46	7.33	0.08	0.02	<0.001
		<40° " "	"	64.00											
65.10		<40° " "	sp imp	65.10	1.10	40	10	<0.01	0.48	0.59	3.75	4.34	0.03	<0.01	<0.001
65.60		10° bx cly marga negra fosil	poca py imp												
		<50° 5° cly bx "	"												
		<70° " "	"												
		<40° 3° cly bx "	"												
		<60° " "	"												
70		<45° " "	"												
		bx cly "	"												
72.50		<40° " "	"												
73.10		roca alterada	(m py imp												
		bx cly "	Mn-qz												
74.40		" "	"												
		" "	m py imp												
		" "	"												
		" "	con rodocrosita												
		" "	10° qz imp bx												
78.10		<45° " "	s. film												
		bx sil. dura "	poca py imp												
79.10		(bx de py) "	"												
80		suave "	"												
80.30		" "	"												
80.90		" "	"												
81.60		<45° 3° bx caliza gris clara	<45° 0° cal												
		" "	<45° 0° cal												
		marga gris oscura verdosa brechada suave (bx. ls)	"												
		" "	"												
		" "	"												
85.30		bx. cly "	"												
		" "	"												
87.20		<40° " "	"												
		10° caliza lutita negra calcarea	"												
		bx. cly " gris oscura verdosa (part caliza)	"												
90		" "	"												
		" "	"												
		" "	"												
93.50		bx. cly "	"												
94.55		20° bx. cly "	"												
		" "	"												
96.00		" "	marron												
		" "	"												
		" "	"												
100		" "	"												

SAN ANTONIO PROYECTO

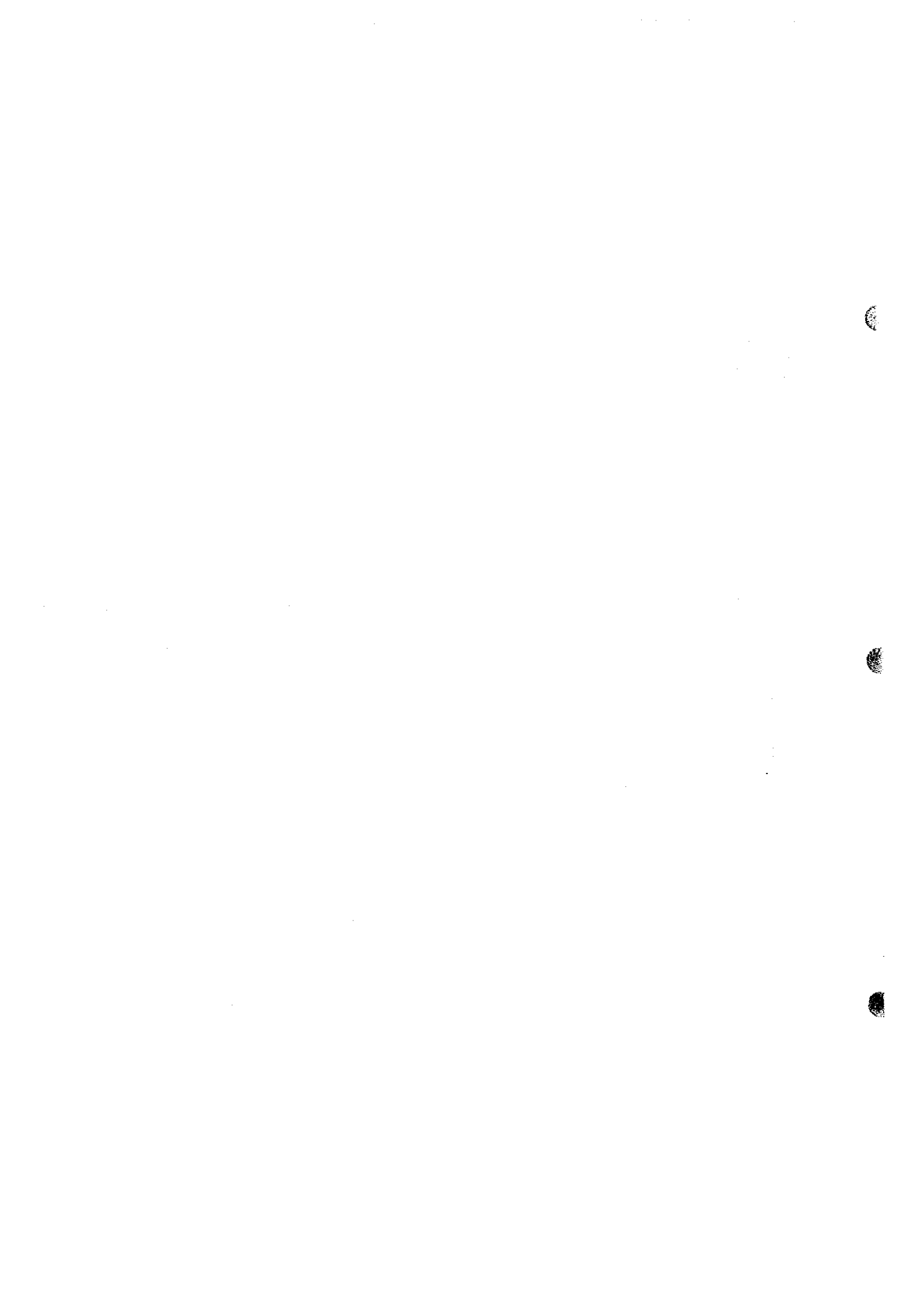
M J H S - 13

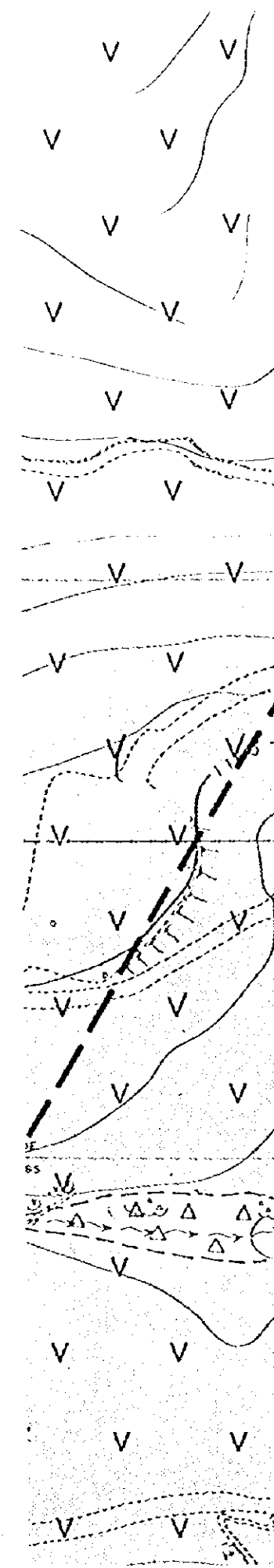
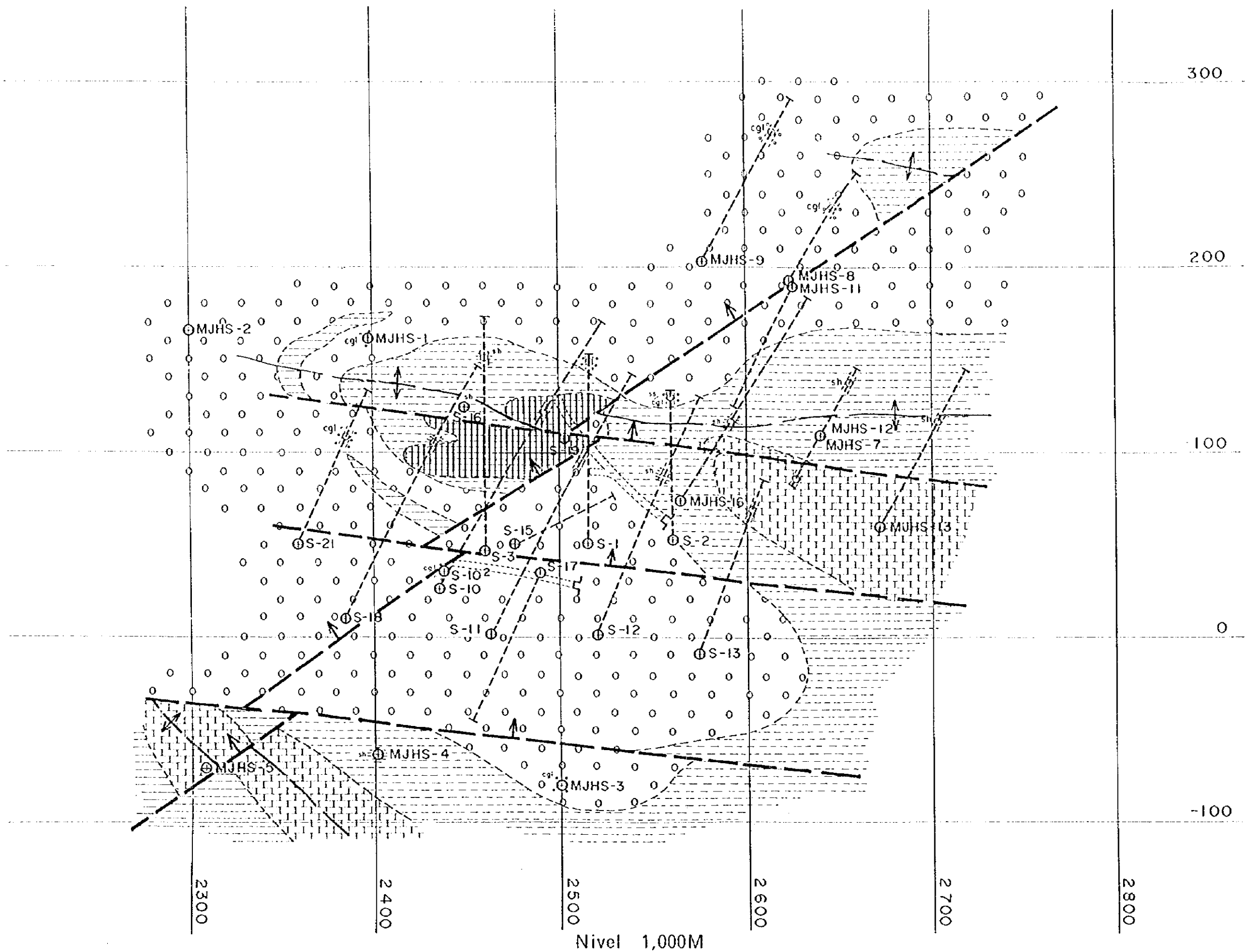
CORDENADAS: X: 2.672E
Y: 60N
Z: 1.077m

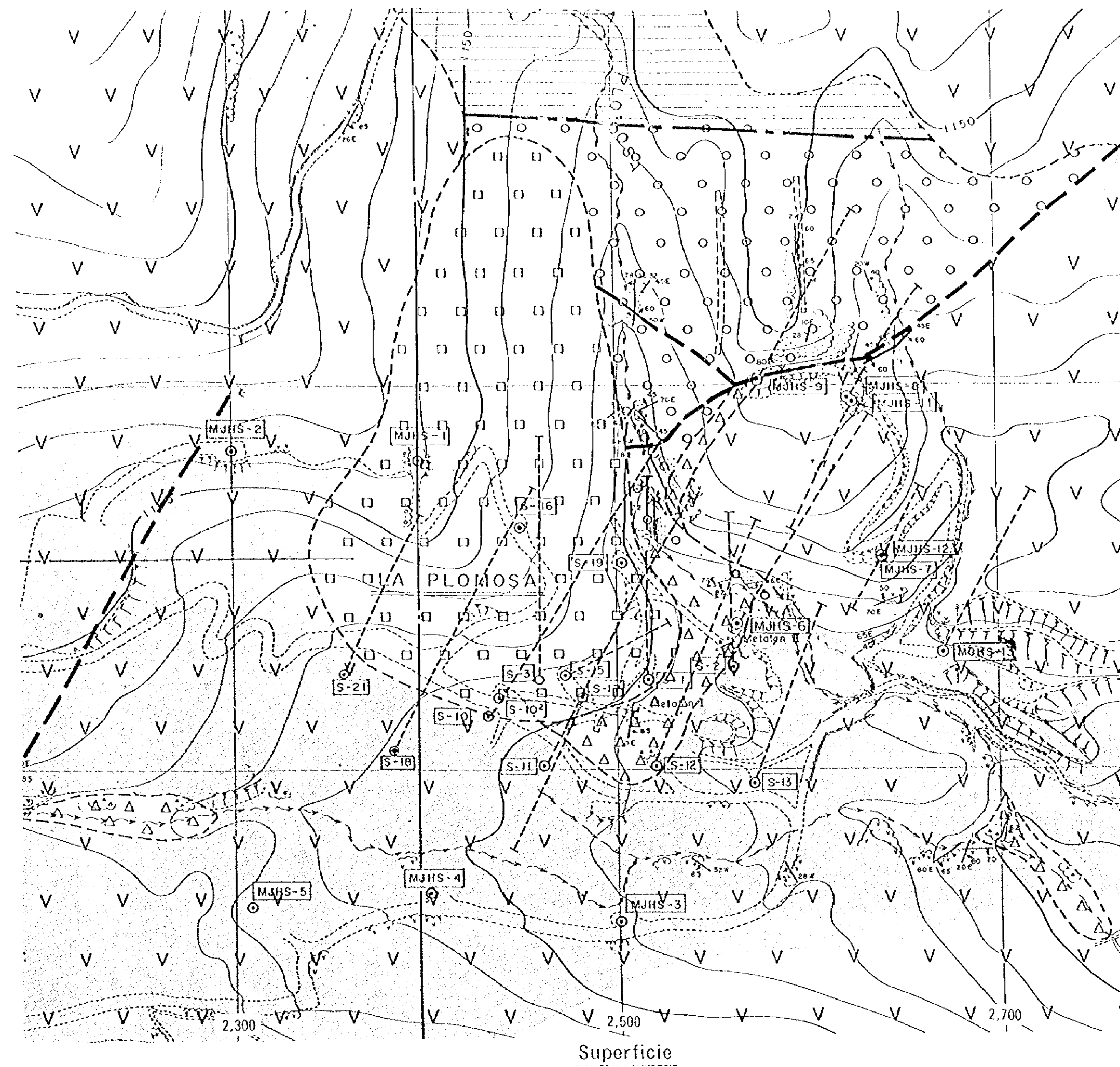
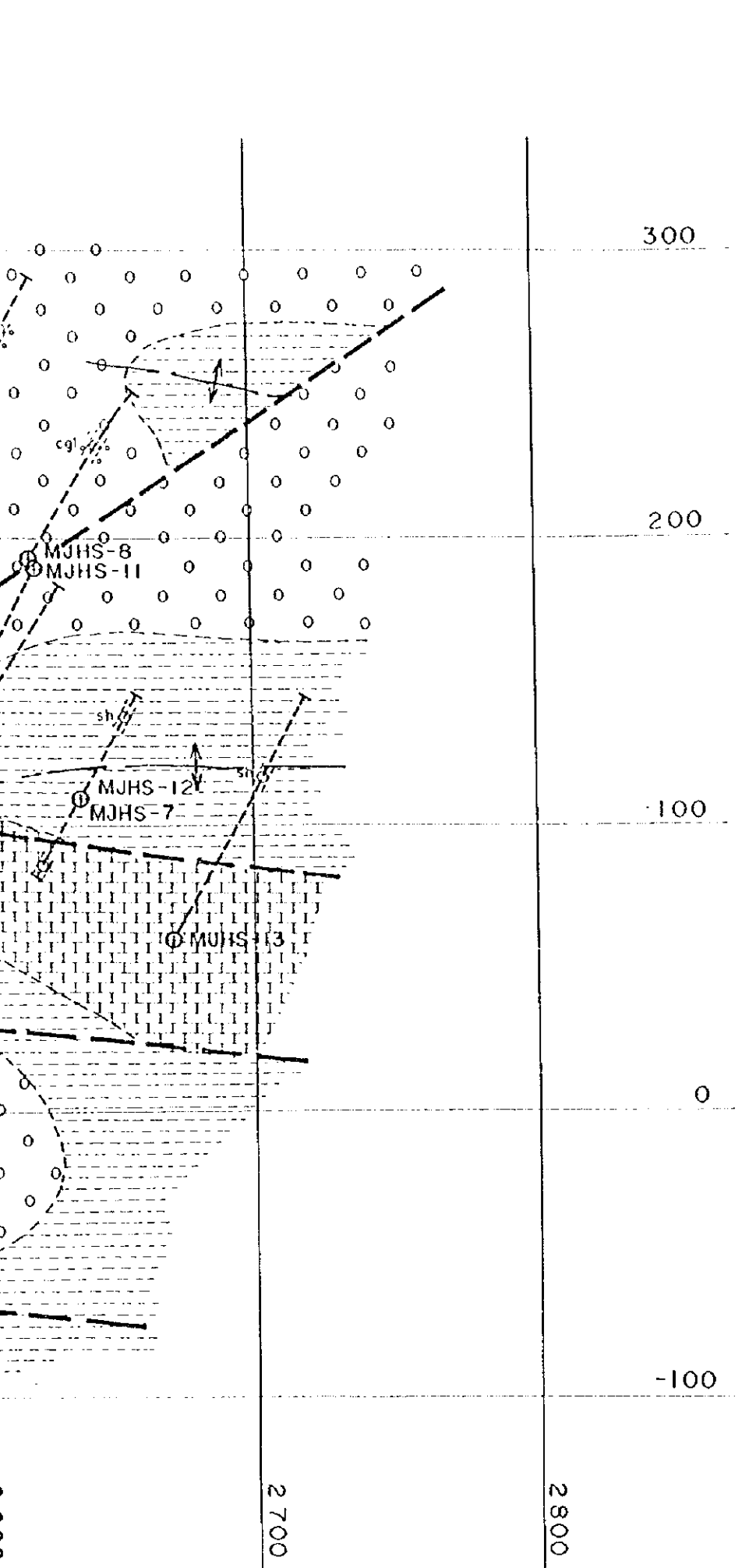
RUMBO : 30
INCLINACION: 30
LONGITUD : 150.40m

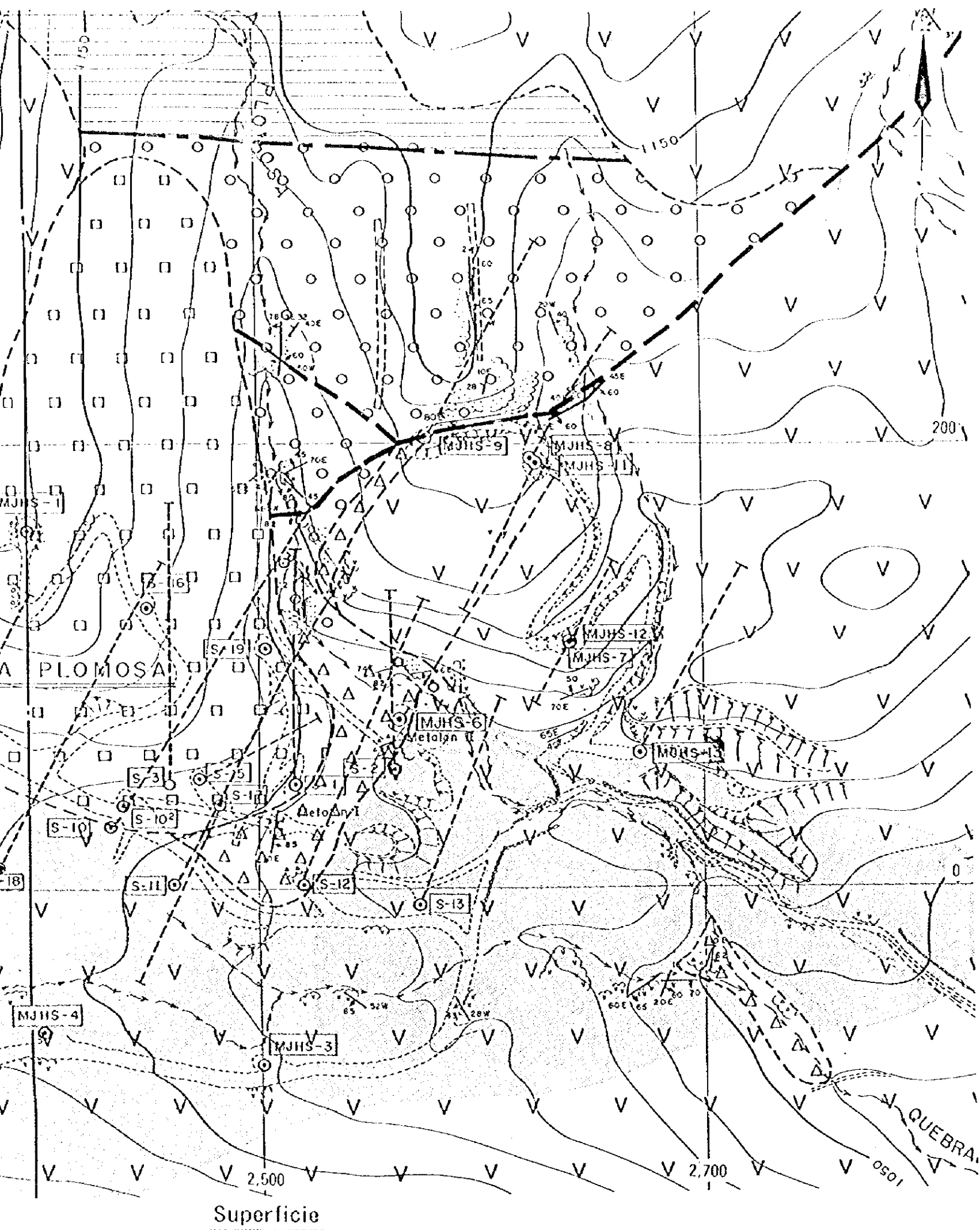
PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESFES m	Au (ppb)	Ag (g/l)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
100		marga marron	30' 0 1° cal (cal net veñilla)												
		40' " gris marronosa	65' 0 1° cal "												
		45' " " "	" "												
		70' 10° bx. cly "	" "												
		" " gris marronosa	70' 0 1° cal "												
		" " " "	" "												
		60' " " marron	" "												
		45' " " " "	" "												
		" " " "	" "												
		" " " "	40' 0 1° cal "												
		45' " " " "	" "												
110		20' bx. cly " " "	" "												
		45' " " " "	" "												
		20' bx. cly " " "	" "												
		bx " " "	60' cal "												
		30' cly " " "	" "												
		" " " "	" "												
		" " " "	50' 1° cal "												
		" " " "	" "												
		30' " " " "	45' cal "												
		45' " " " "	" "												
		" " " "	" "												
120		" " " "	" "												
		45' " " " "	" "												
		" " " "	" "												
		" " " "	" "												
		" " " "	60' cal "												
		45' " " " "	6' 0 1° cal "												
		" " " "	cal net "												
		" " " "	" "												
		" " " "	40' 1° cal "												
		50' " " " "	" "												
130		" " " "	" "												
		40' " " " "	" "												
		40' " " " "	" "												
		40' " " " "	" "												
		" " " "	" "												
		40' " " " "	" "												
		" " " "	gris												
		" " " "	marron												
		" " " "	" "												
		" " " "	" "												
		50' " " " "	" "												
		50' " " " "	" "												
		" " " "	" "												
		" " " "	" "												
		60' " " " "	" "												
		" " " "	" "												
		" " " "	" "												
140		bx " " " "	" "												
148.80		5' " " " "	" "												
150		arenisca gris, gruesa	" "												
150.40															

150.40 fin





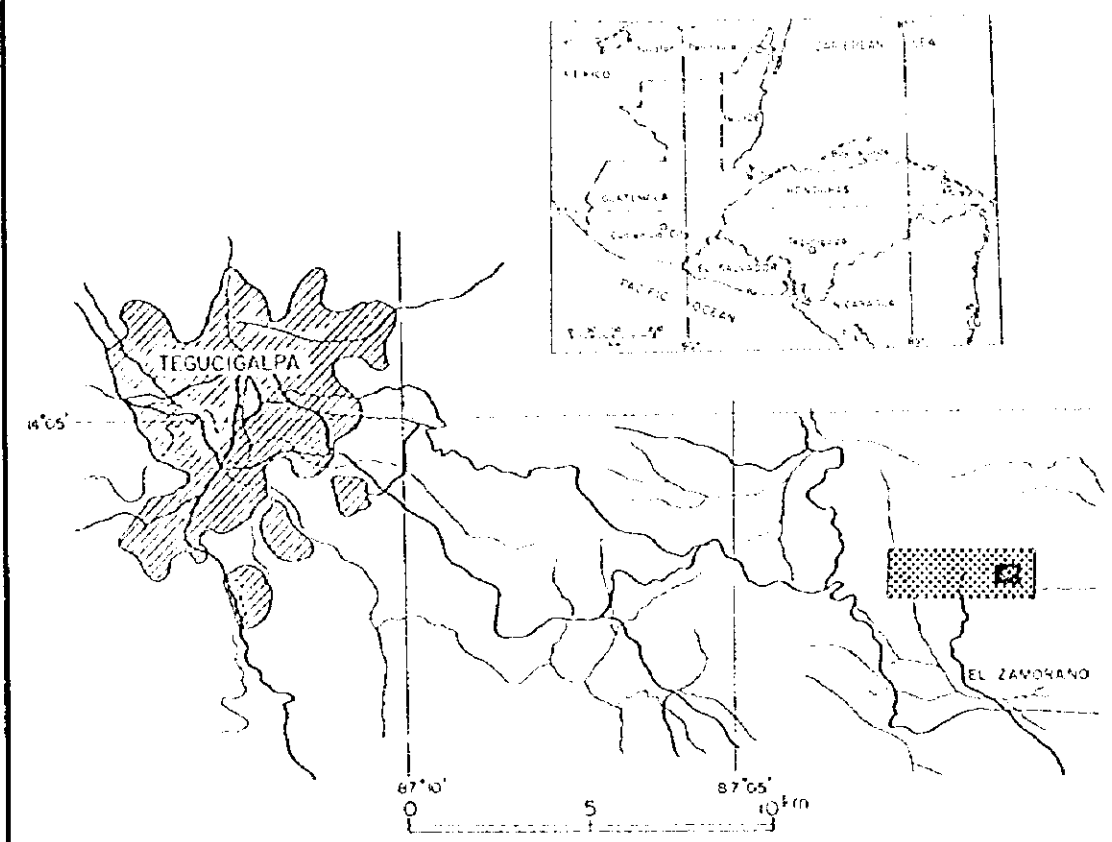




LA EXPLORACION MINERA
 EN
 EL AREA DE SAN ANTONIO
 LA REPUBLICA DE HONDURAS


P.L. 1

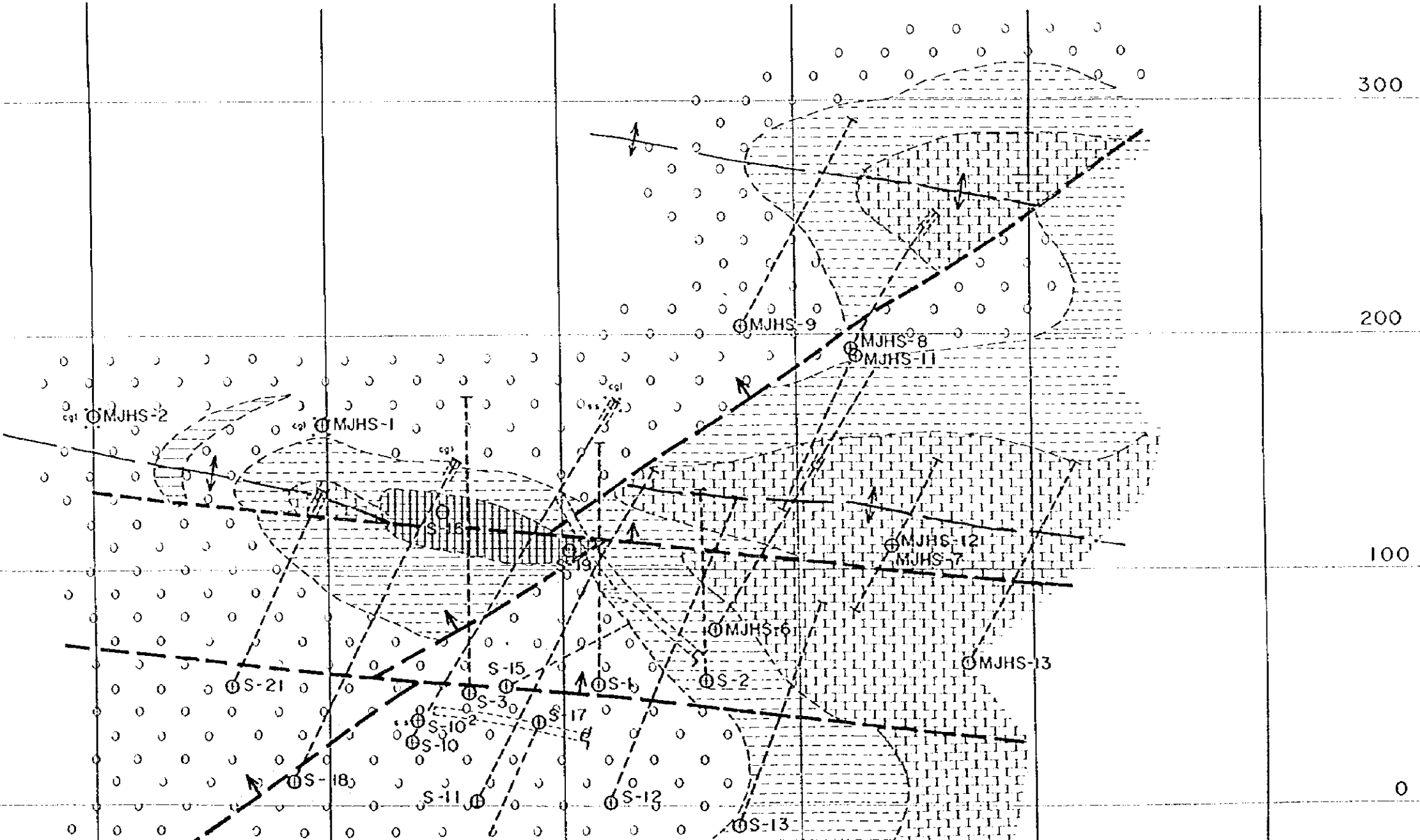
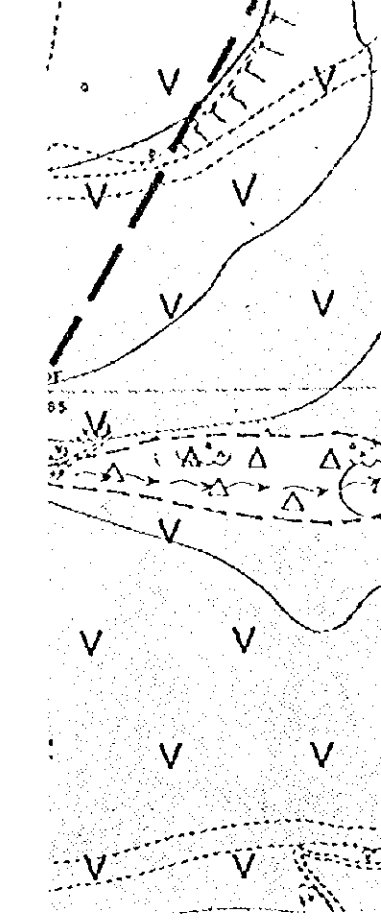
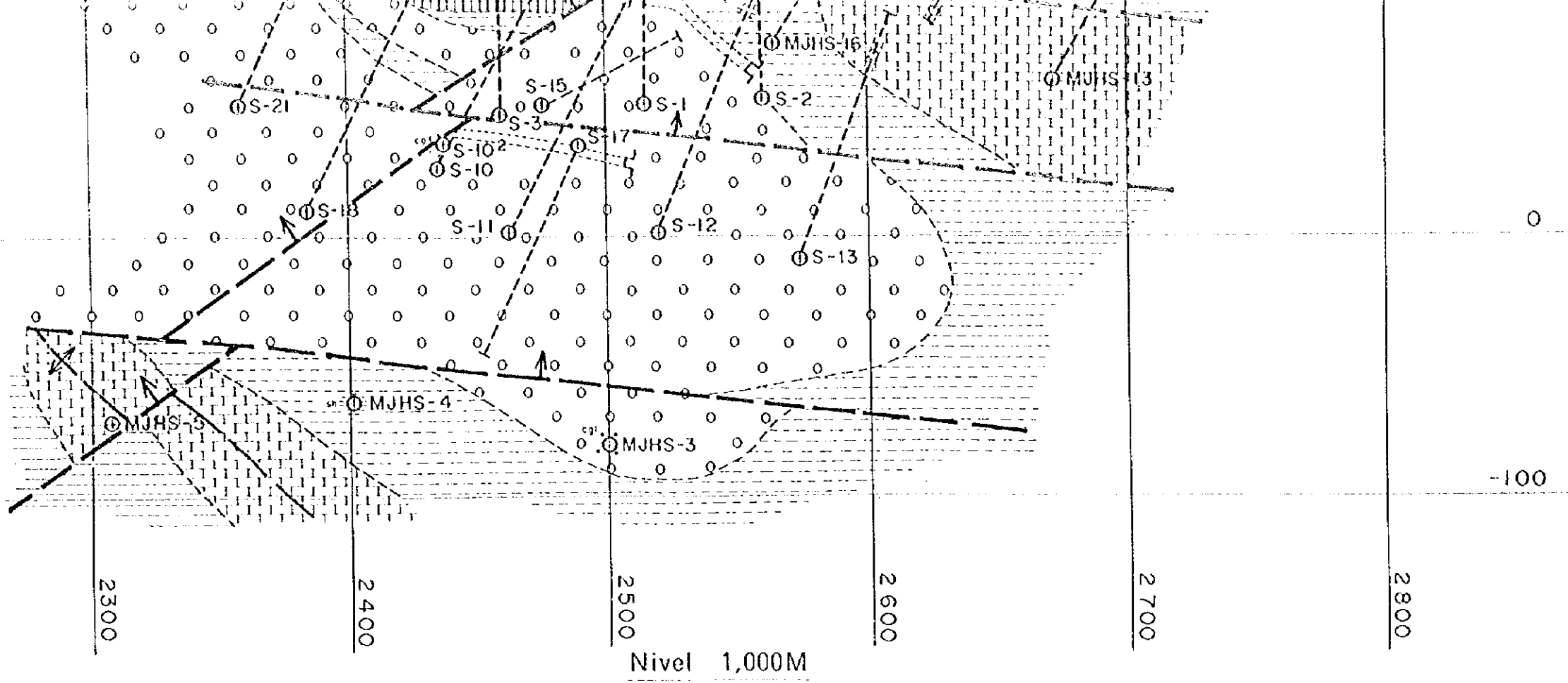
地質平面図 (La Plomosa 地区)
 (1:2,000)

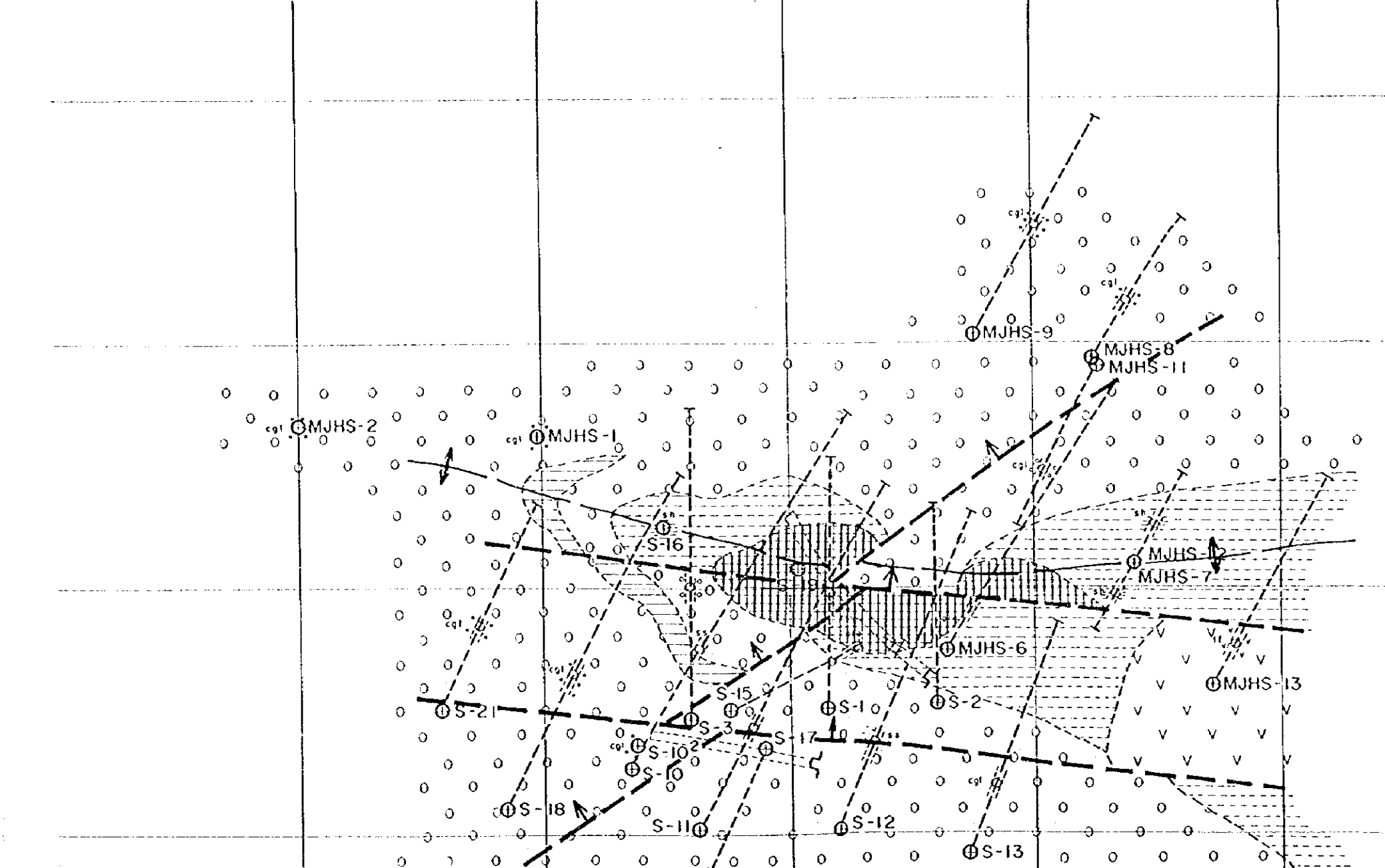
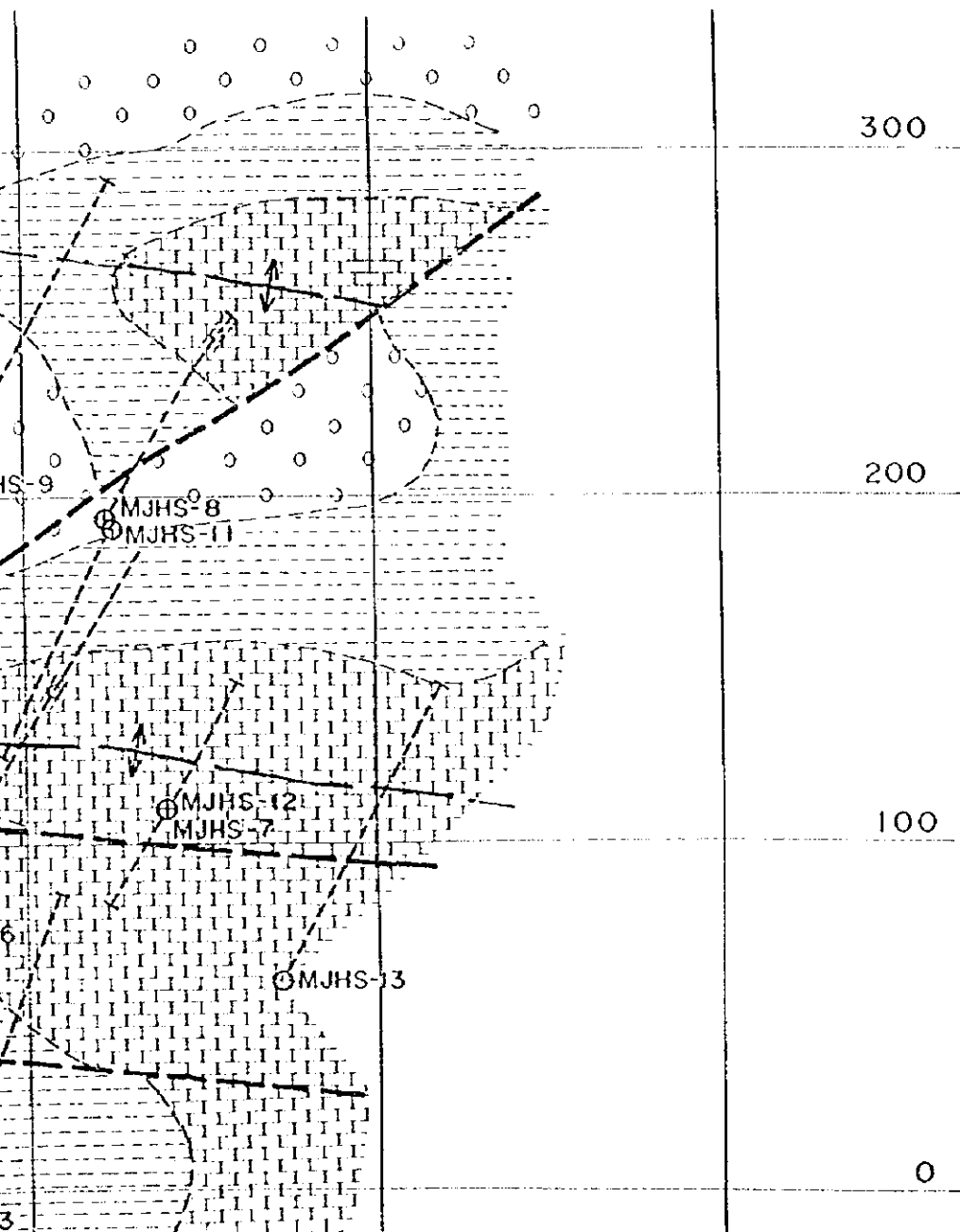
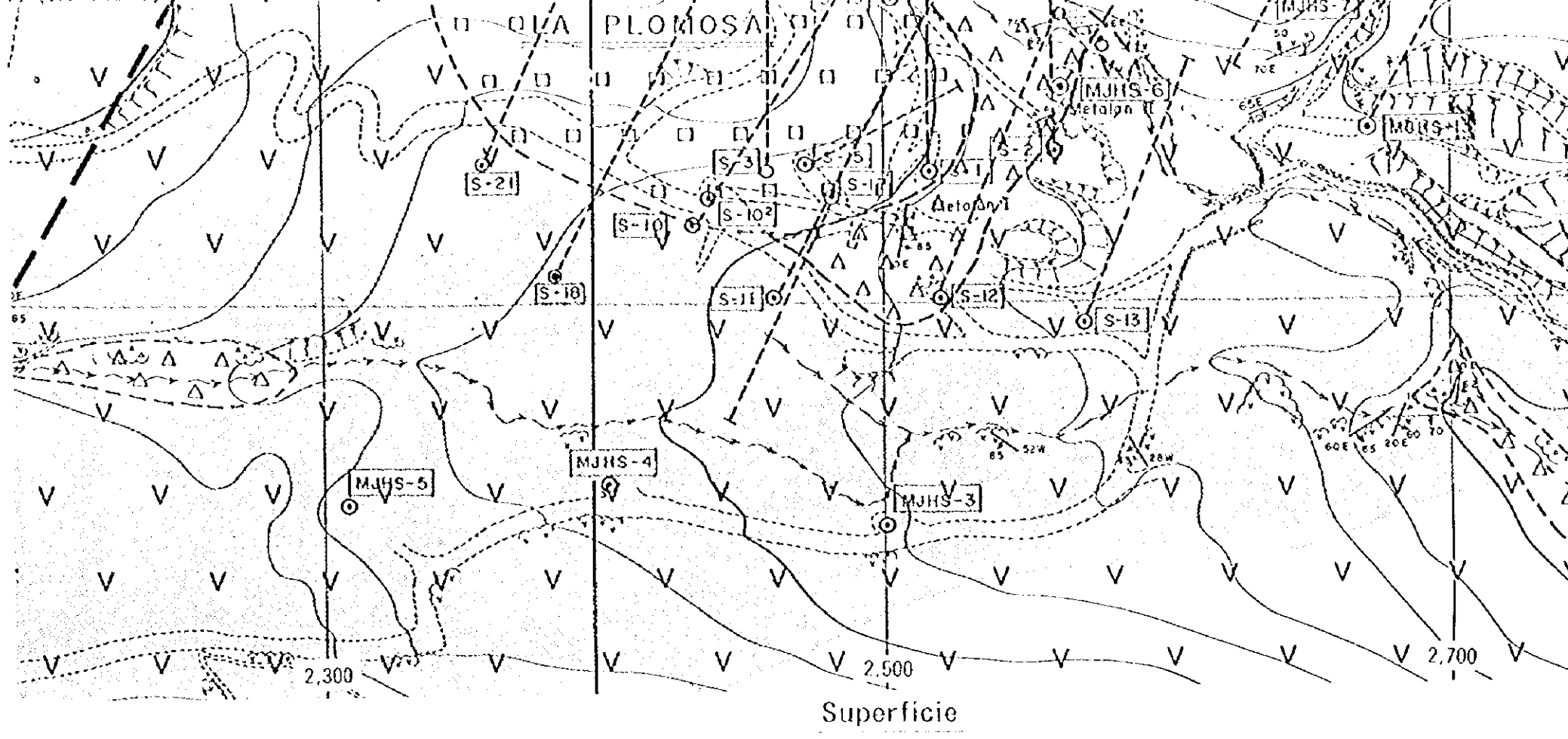
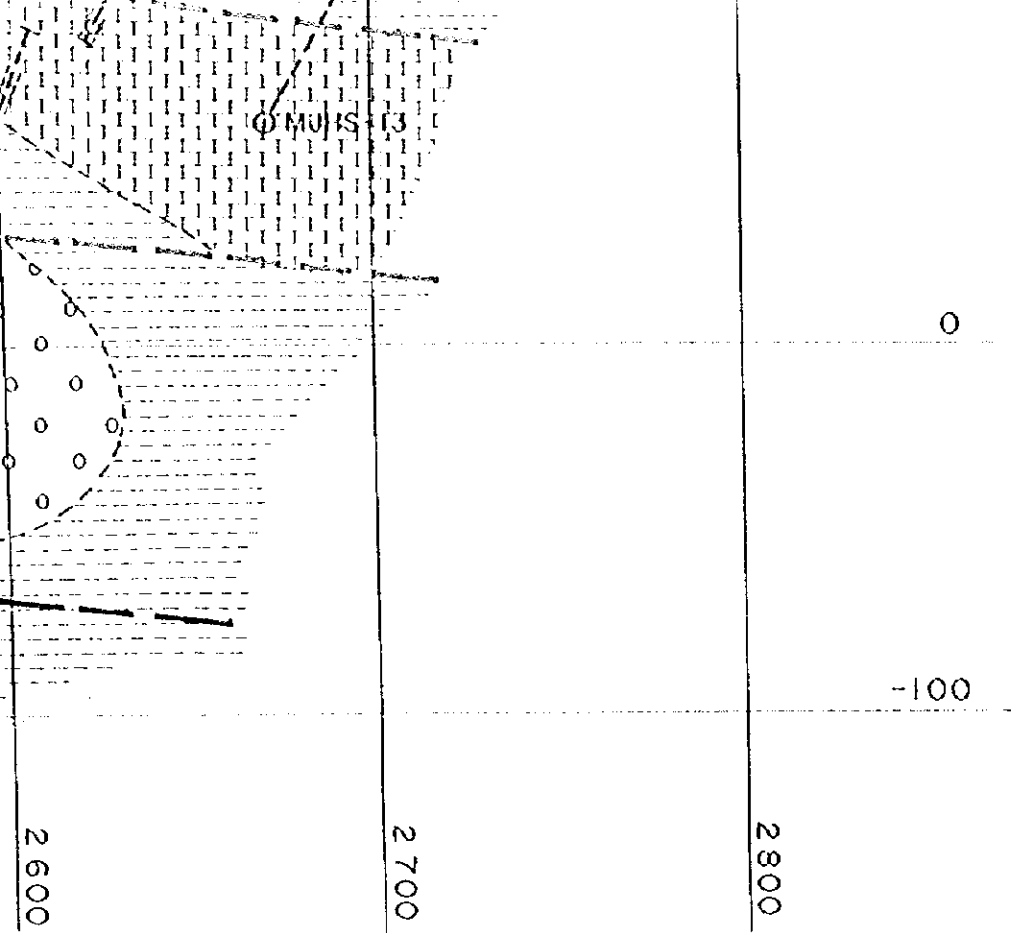


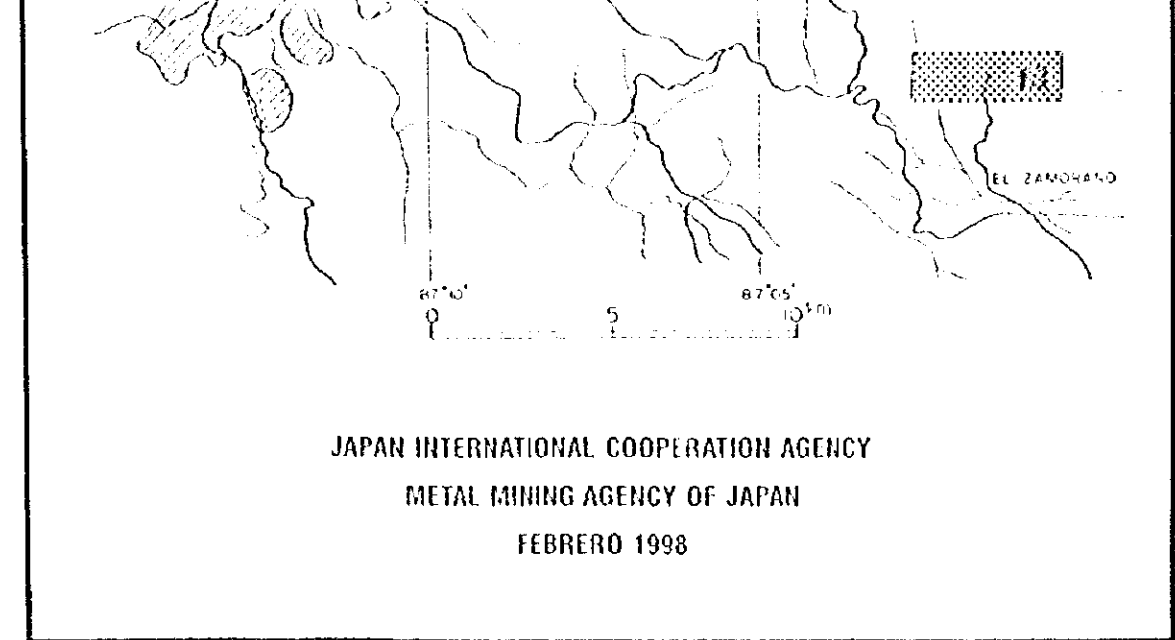
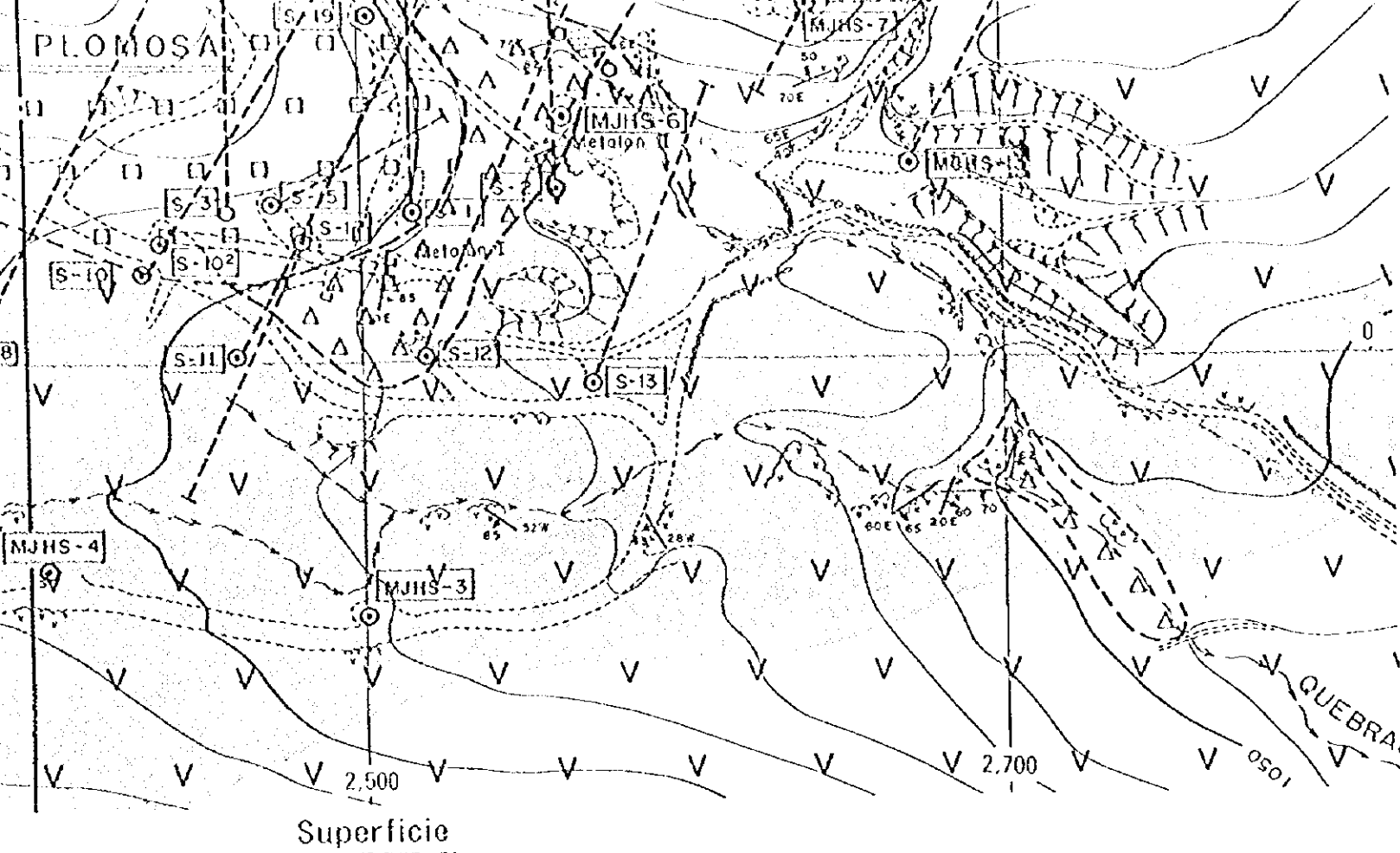
JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1998

LEYENDA

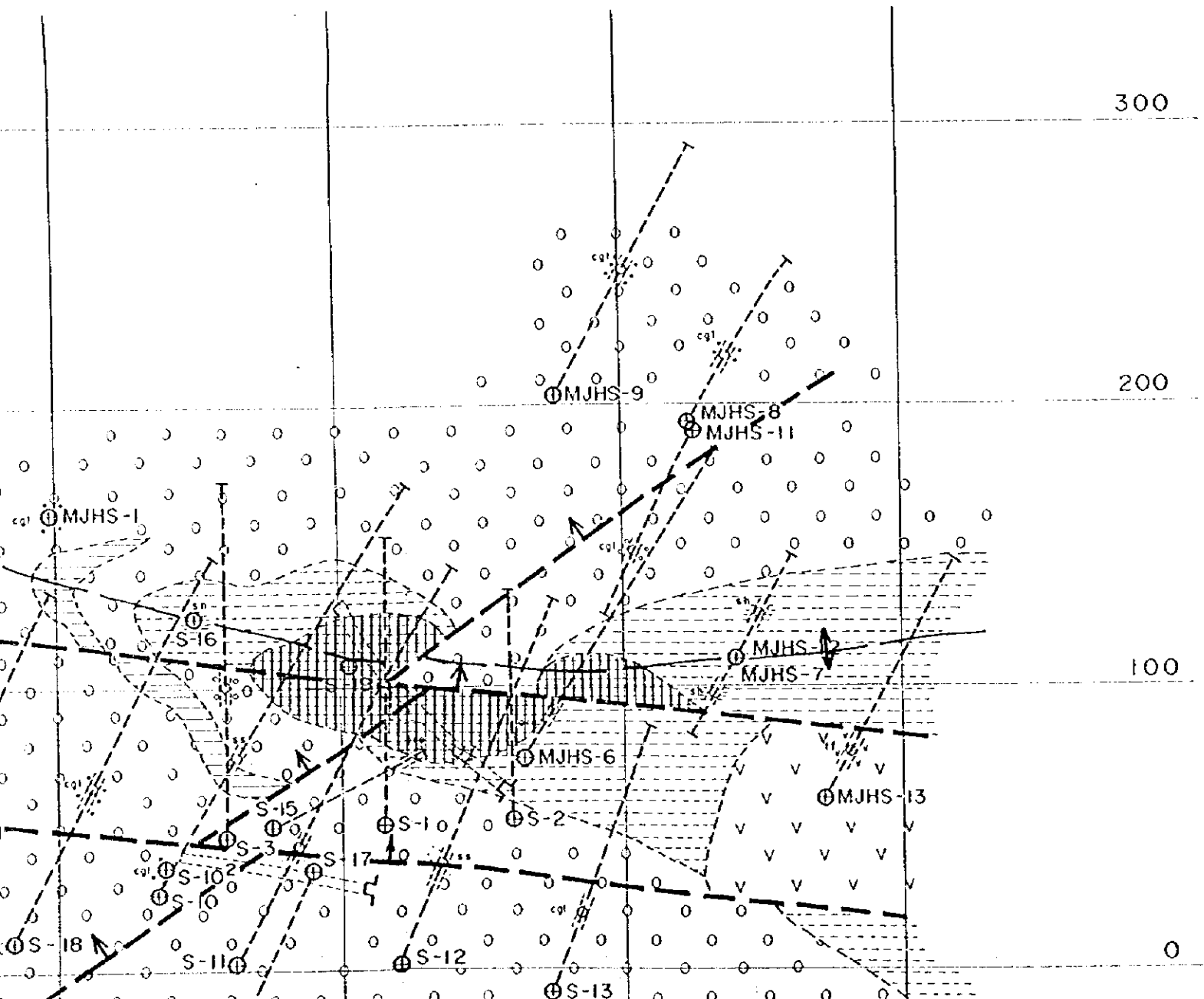
-  ALUVIONES
-  CUATERNARIO







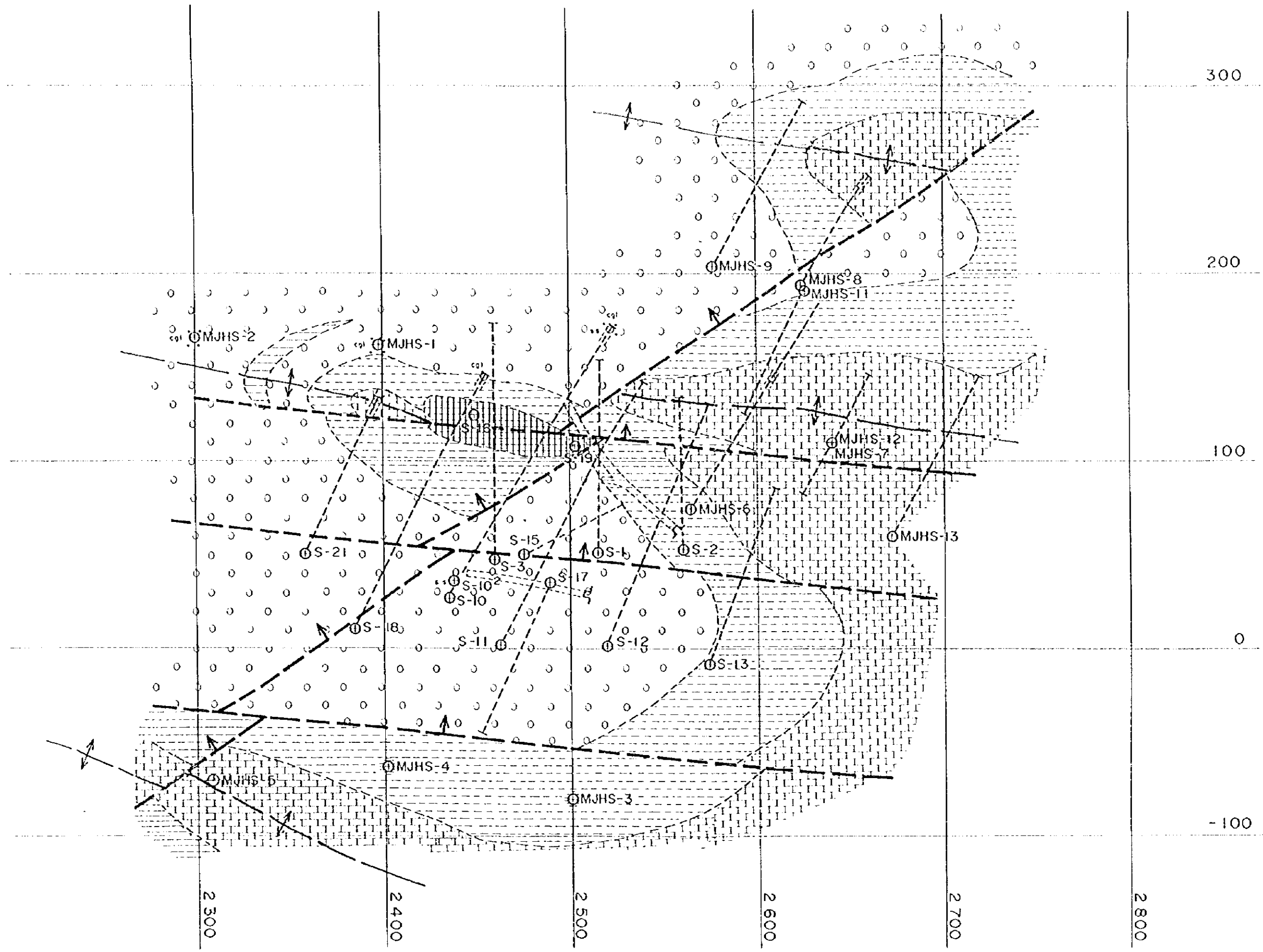
JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1998



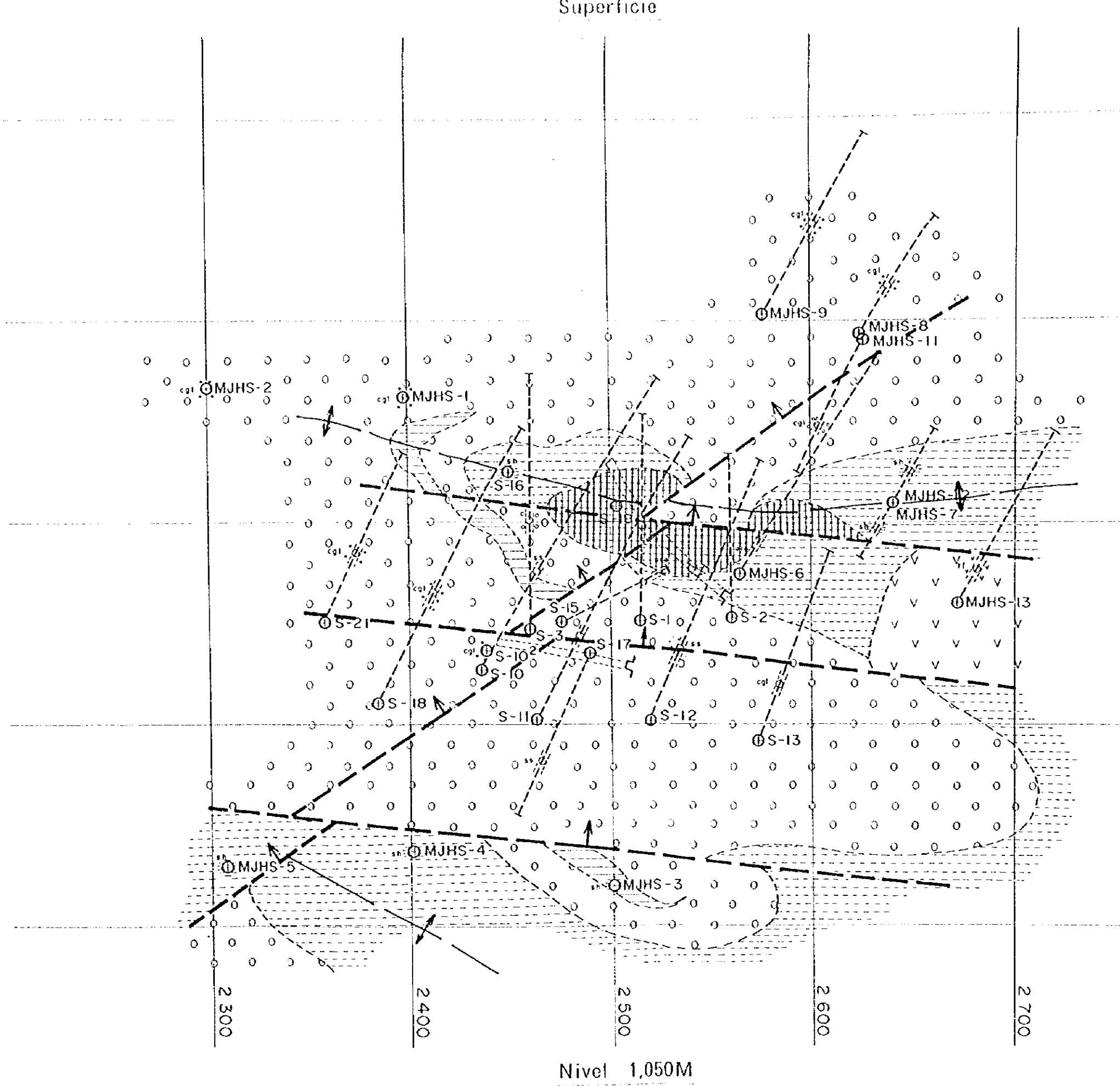
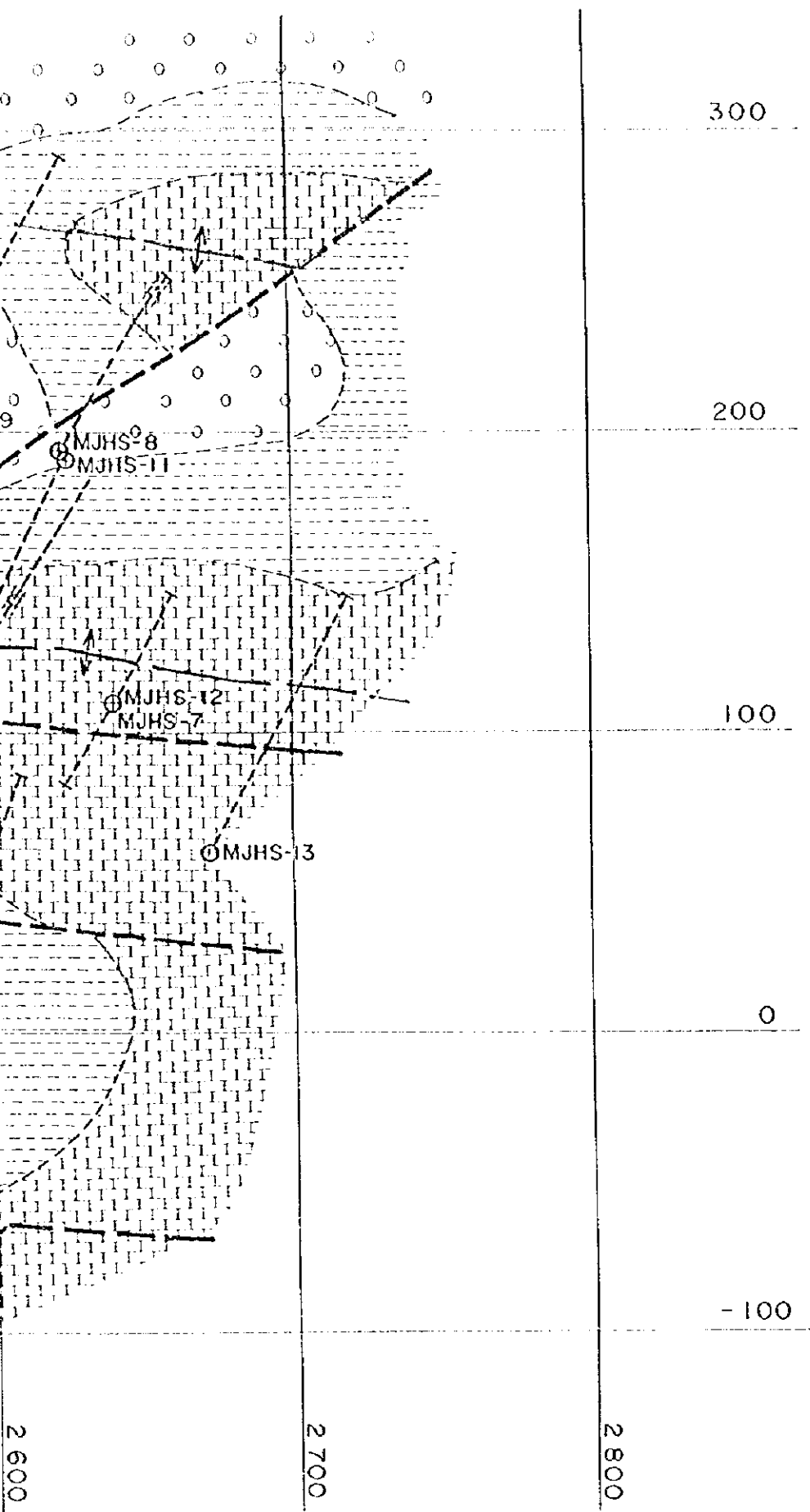
LEYENDA

- | | | | |
|------------------|---|---------------------|-------------|
| | ALUVIONES | CUATERNARIO | |
| | IGNIMBRITAS, TOBAS | | |
| | BRECHA TOBACEA, DEPOSITOS FLUVIALES DERRUMBES | G. PADRE MIGUEL | } TERCIARIO |
| | ANDESITAS | F. MATAGALPA | |
| ~ DISCORDANCIA ~ | | | |
| | LUTITAS Y MARGAS | G. VALLE DE ANGELES | } CRETACICO |
| | CONGLOMERADOS Y ARENISCAS | | |
| | LUTITAS CALCAREAS | F. ATIMA | |
| | CALIZAS | | |
| | ZONA MINERALIZADA | | |
| | ZONA ARGILIZADA | | |
| | EJE ANTICLINAL | | |

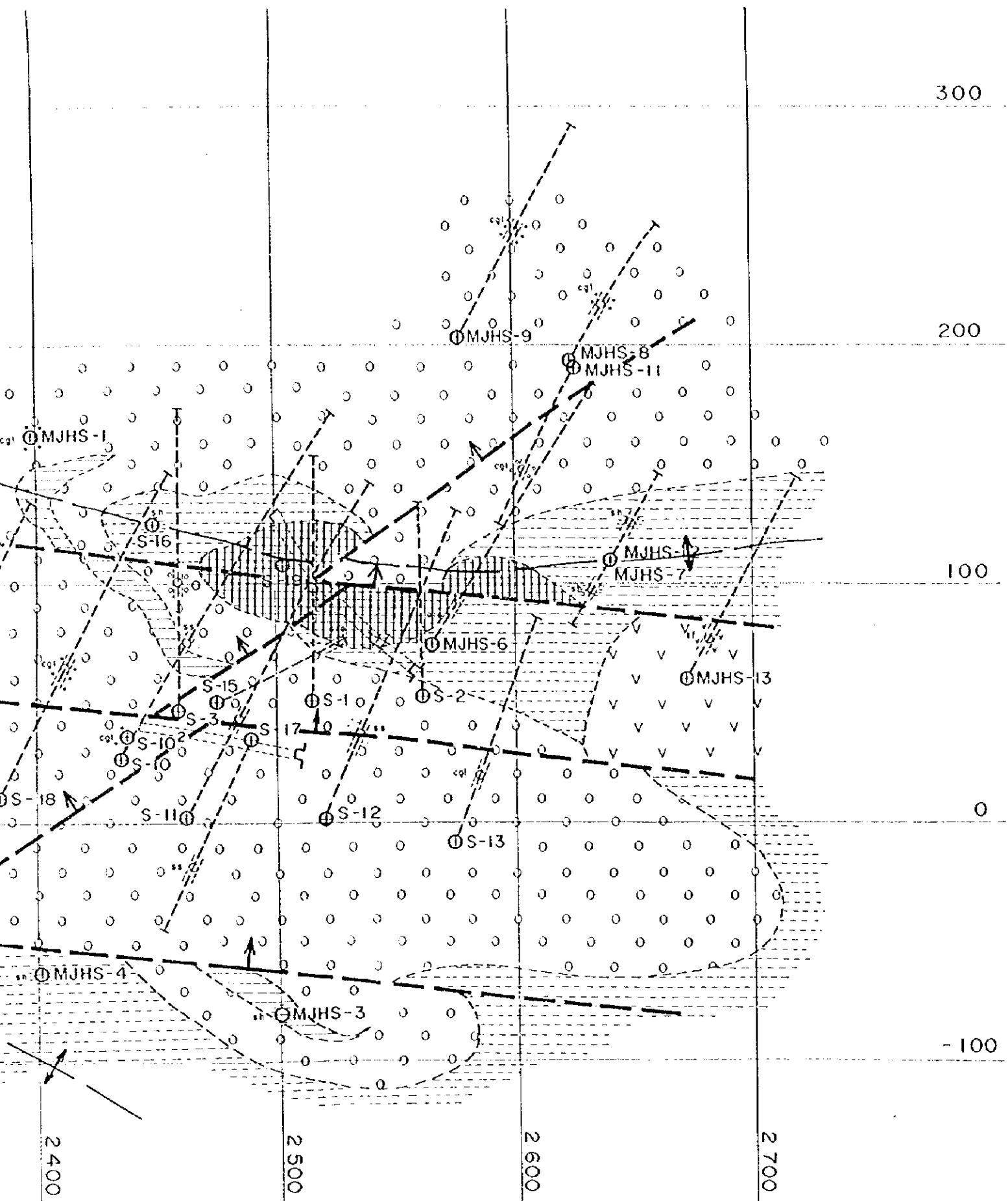
Nivel 1,000M



Nivel 950M

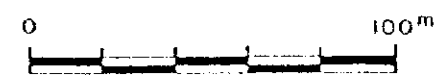


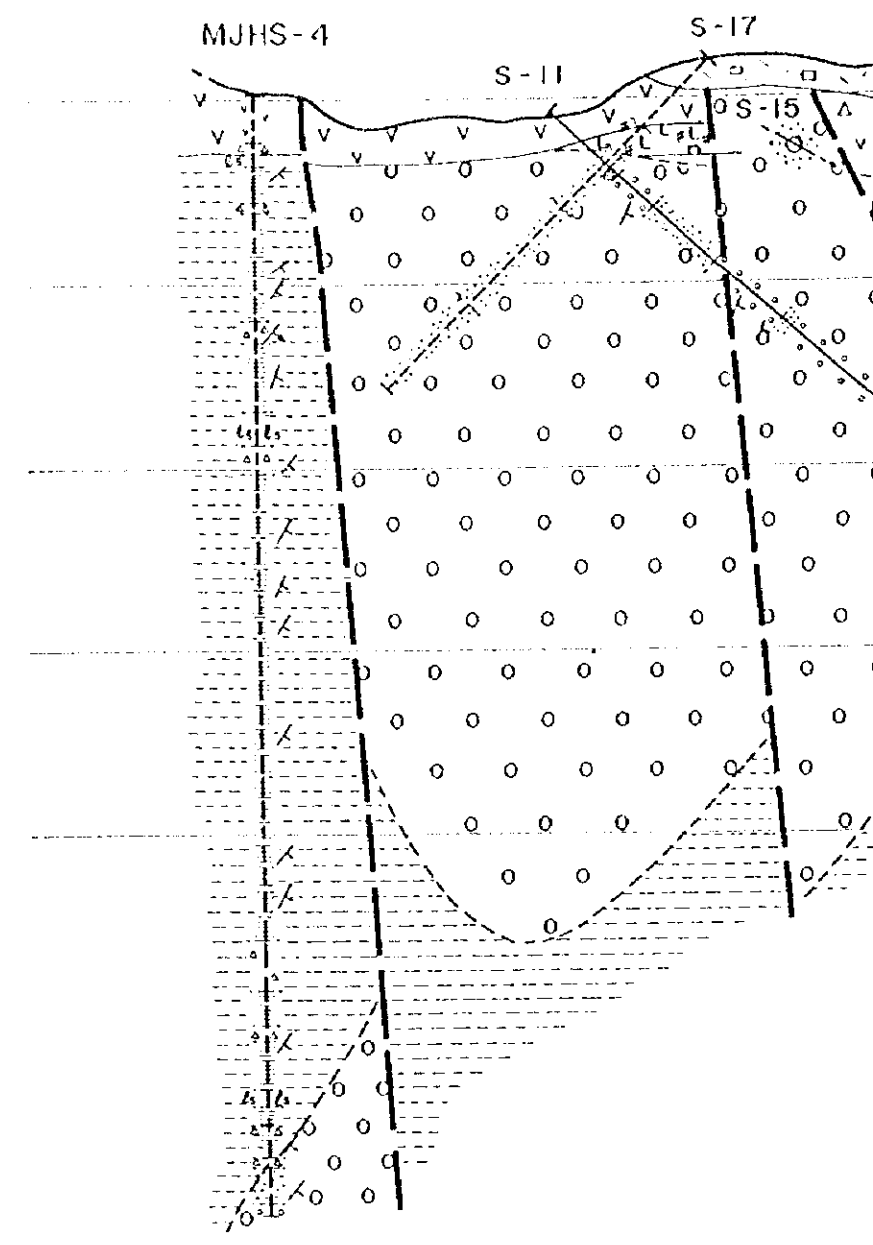
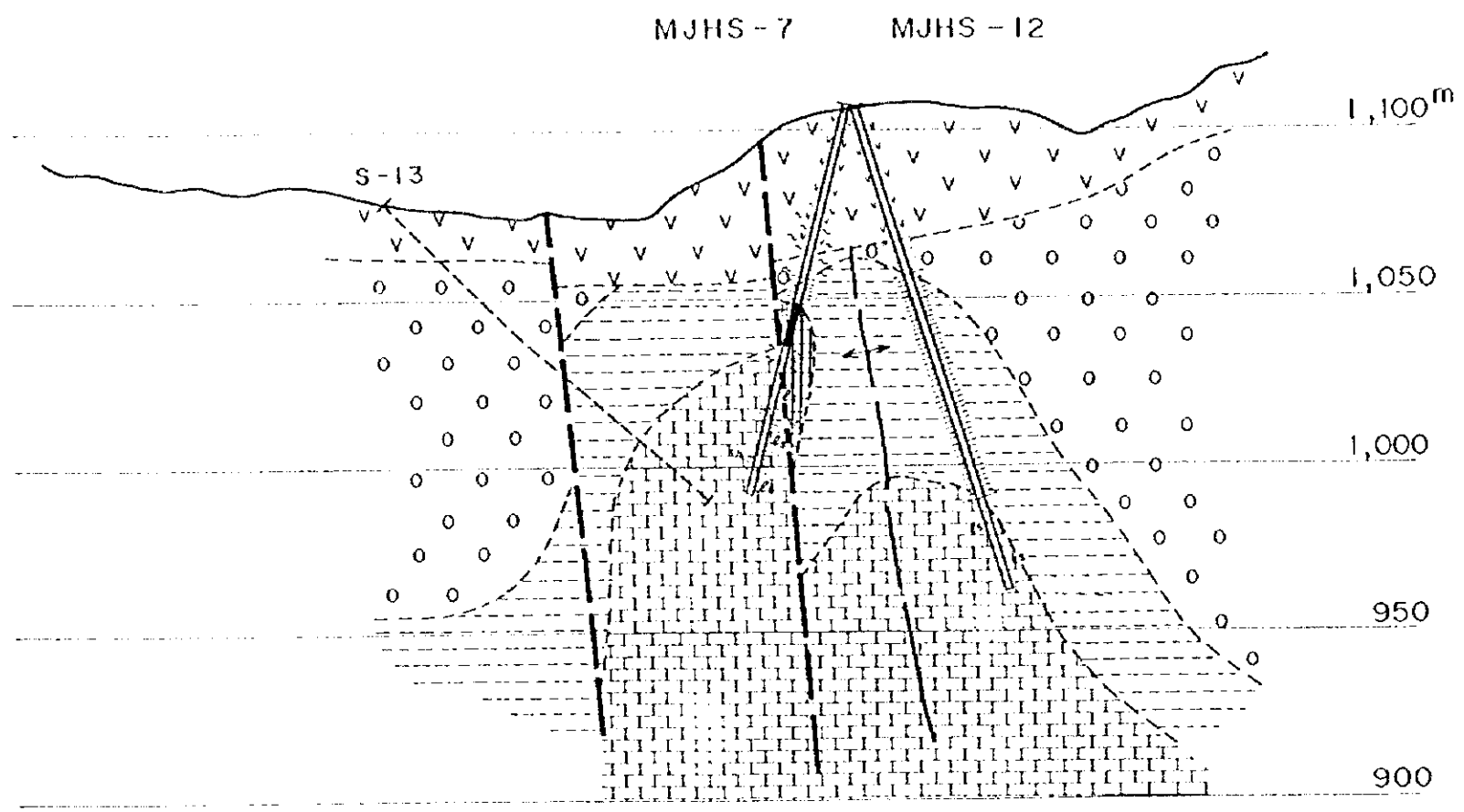
Superficie

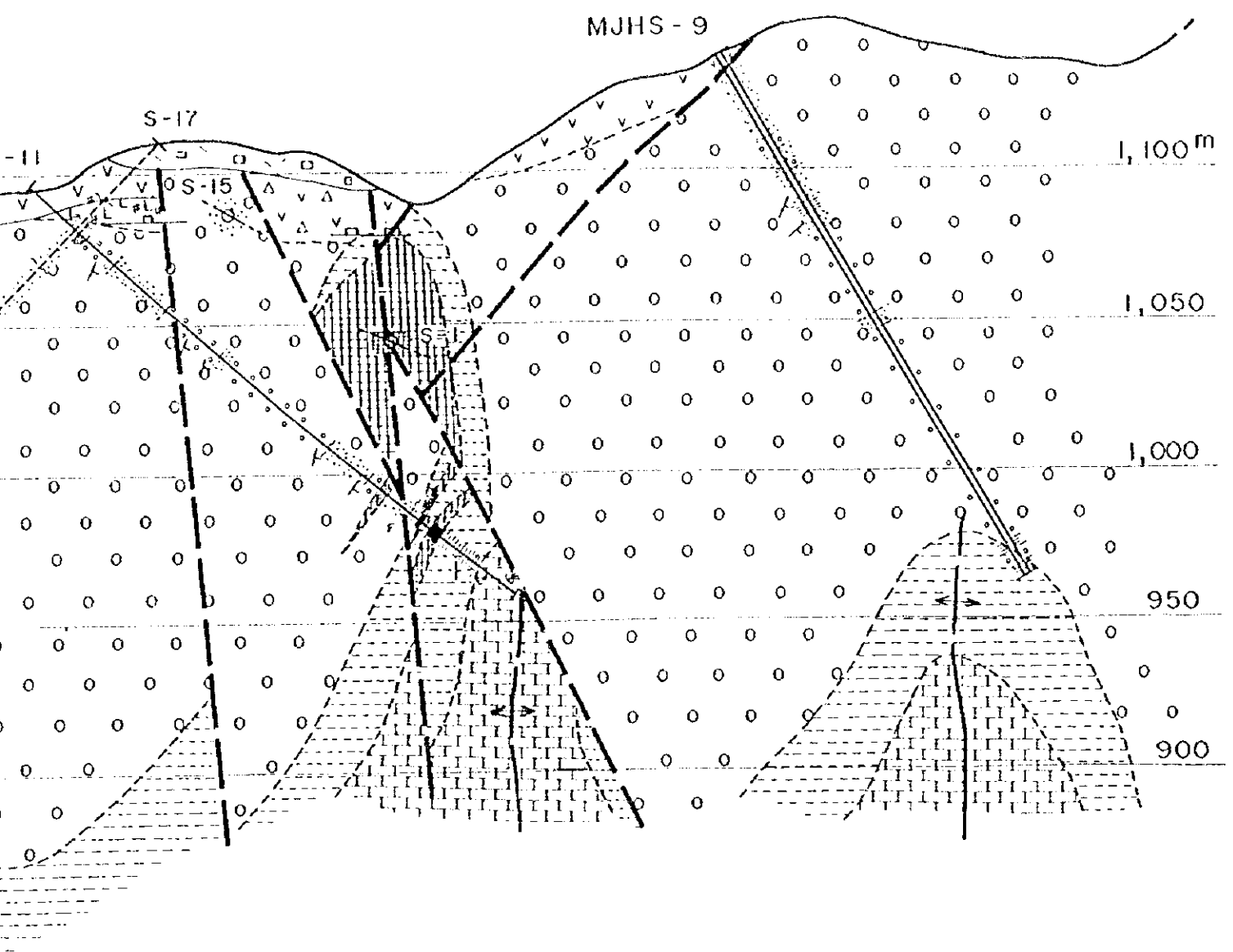


Nivel 1,050M

- | | | | |
|---|---|---------------------|-------------|
| | ALUVIONES | CUATERNARIO | |
| | IGNIMBRITAS, TOBAS | | |
| | BRECHA TOBACEA, DEPOSITOS FLUVIALES DERRUMBES | G. PADRE MIGUEL | } TERCARIO |
| | ANDESITAS | F. MATAGALPA | |
| ~ | DISCORDANCIA ~ | | |
| | LUTITAS Y MARGAS | G. VALLE DE ANGELES | } CRETACICO |
| | CONGLOMERADOS Y ARENISCAS | | |
| | LUTITAS CALCAREAS | F. ATIMA | |
| | ZONA MINERALIZADA | | |
| | ZONA ARGILIZADA | | |
| | EJE ANTICLINAL | | |
| | FALLA PROBABLE | | |
| | TUNEL | | |



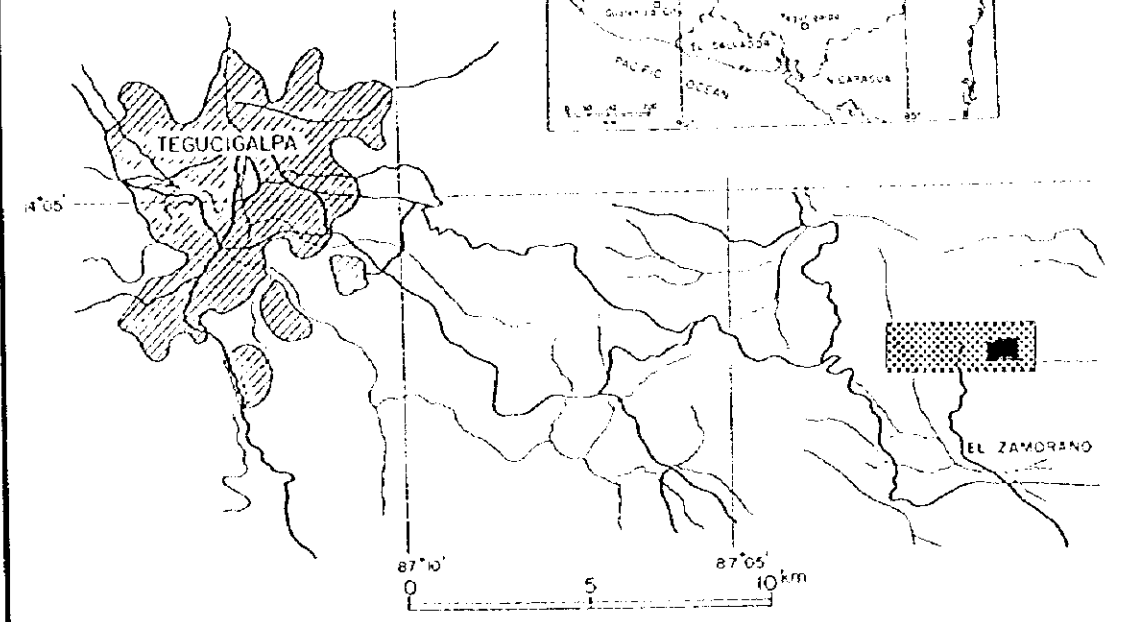
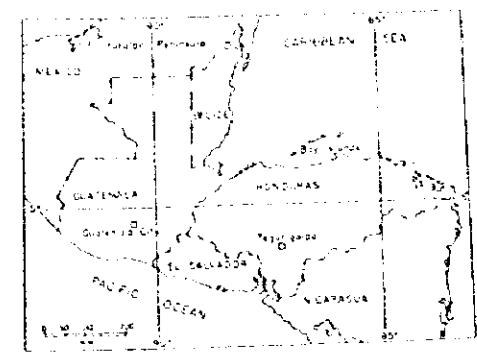




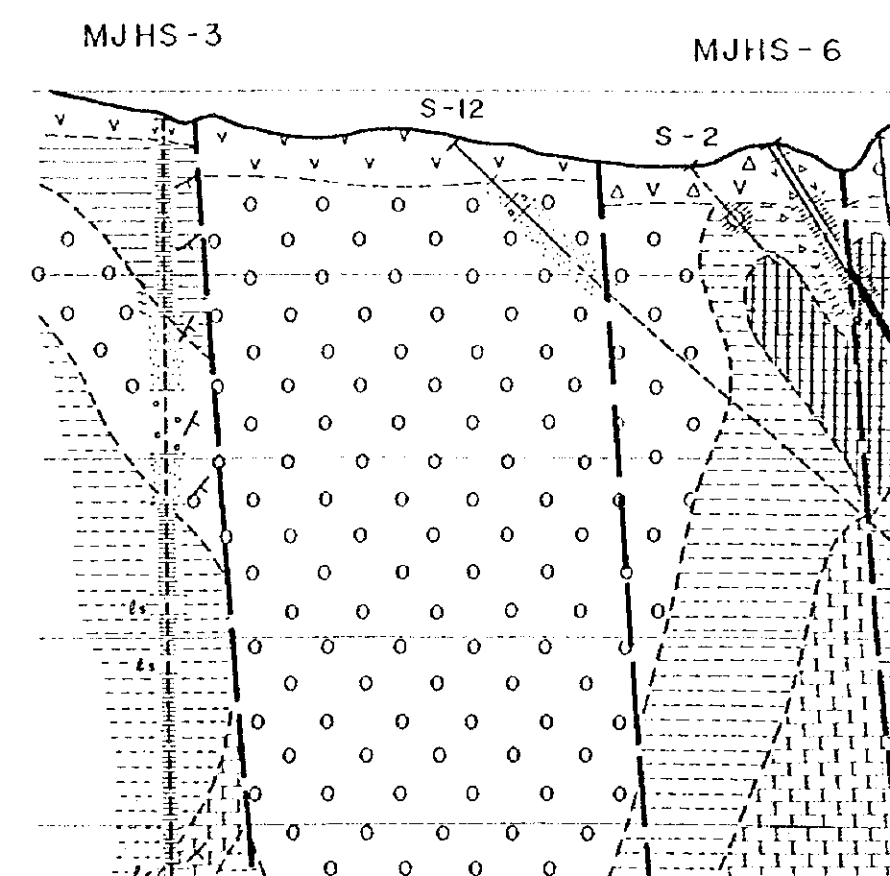
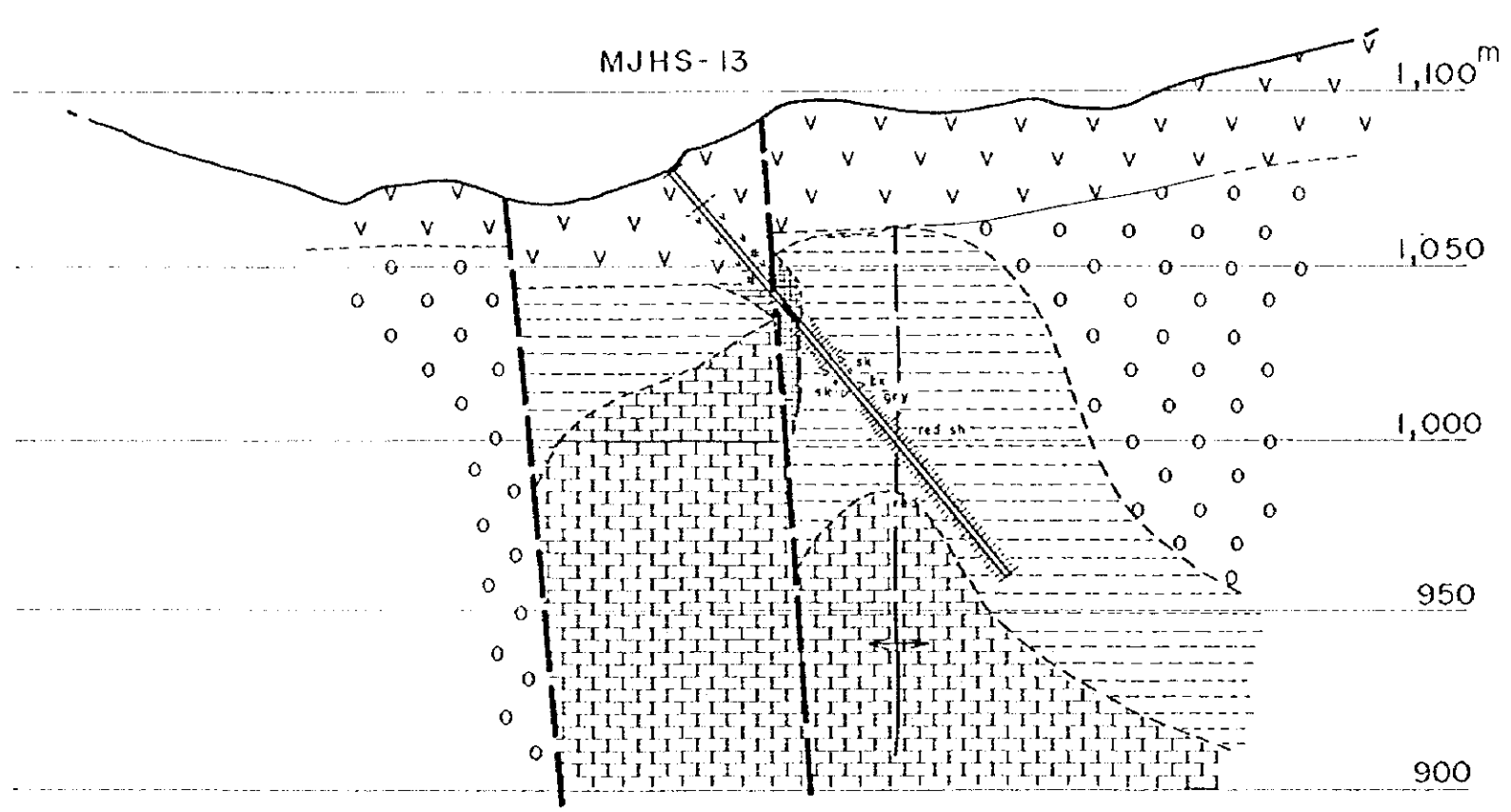
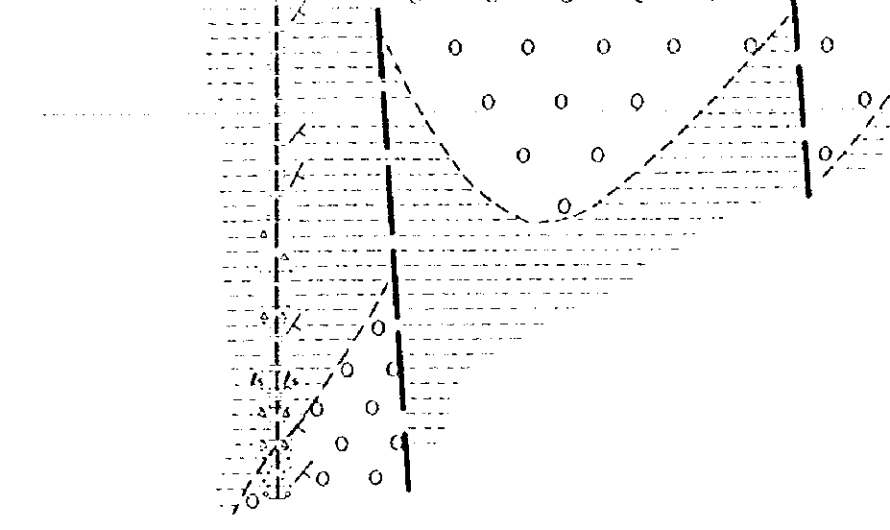
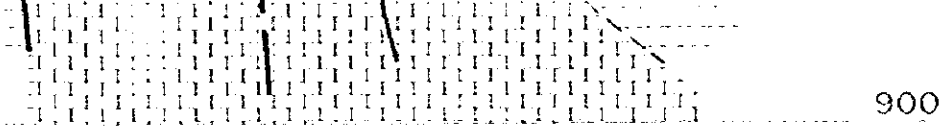
LA EXPLORACION MINERA
 EN
 EL AREA DE SAN ANTONIO
 LA REPUBLICA DE HONDURAS

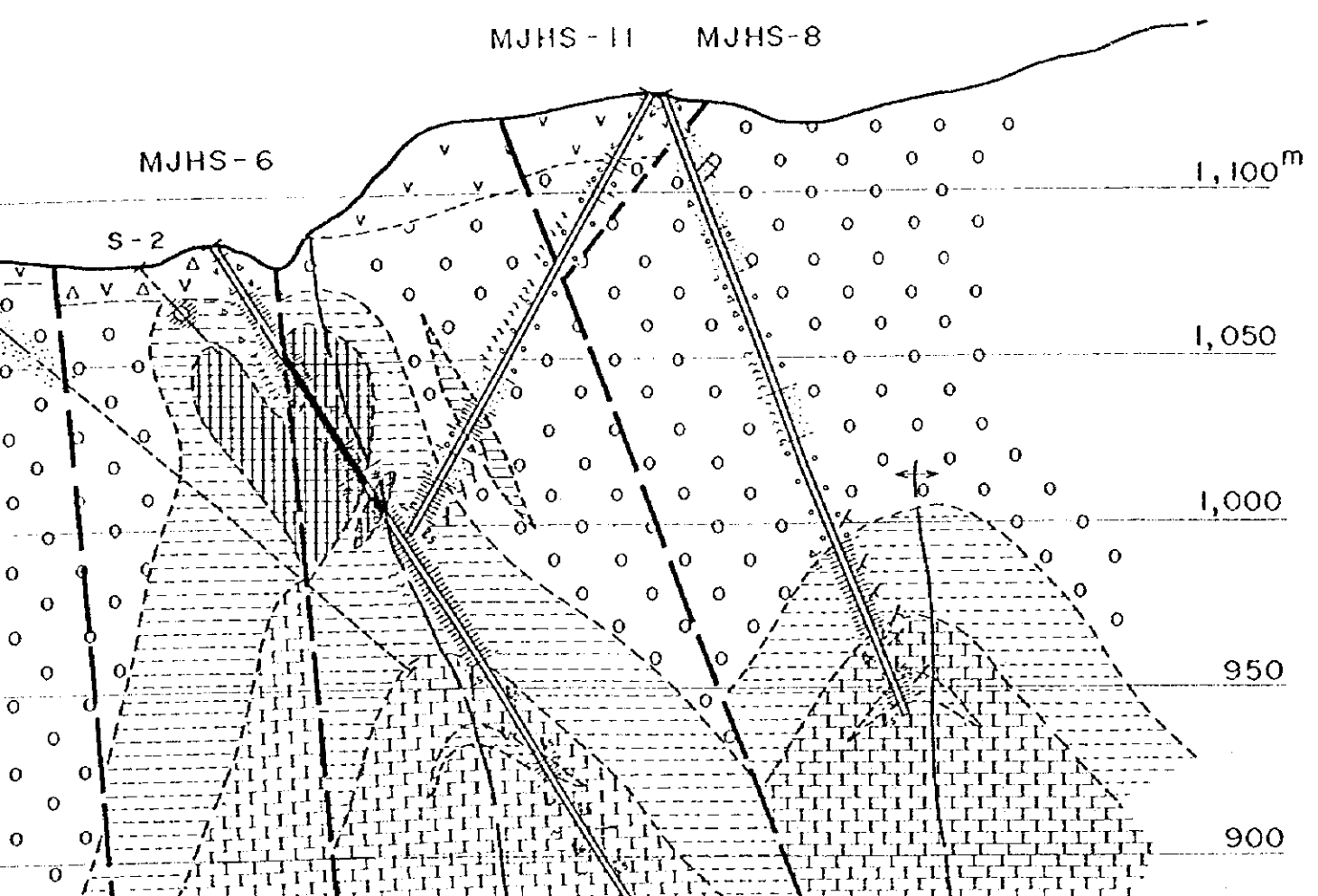
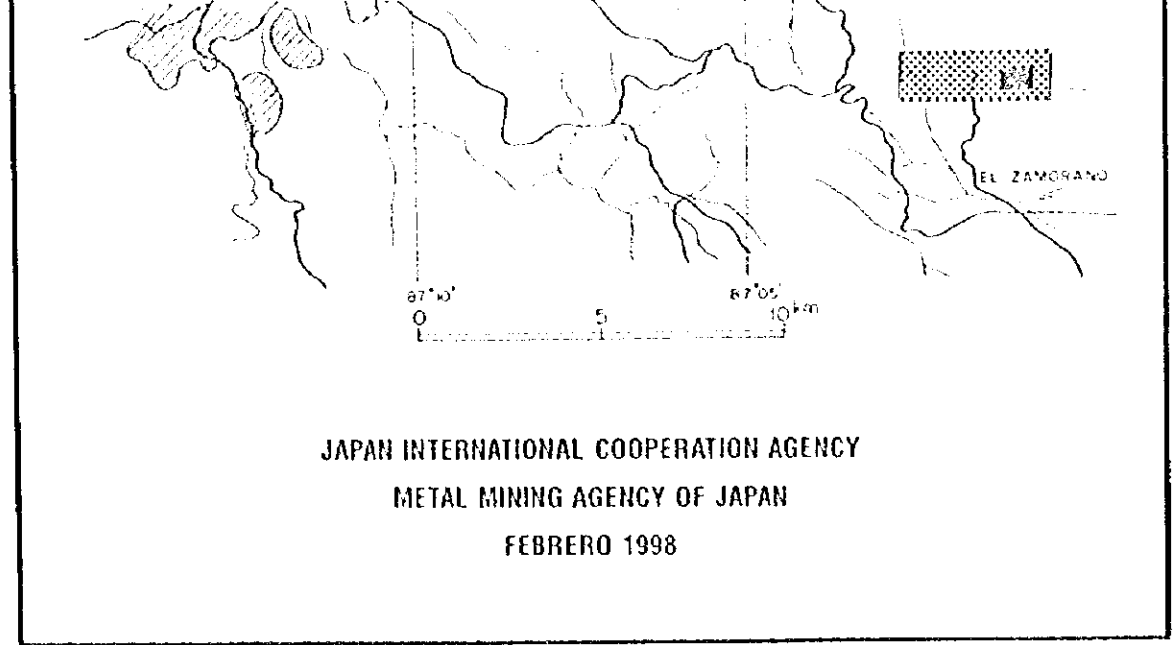
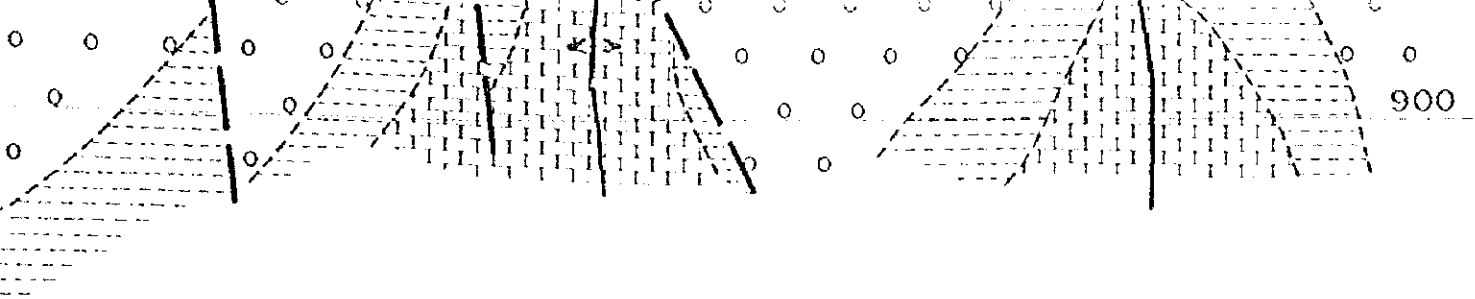
P L. 2--1

ボーリング地質断面図 (La Plomosa 地区 1)
 (1:2,000)



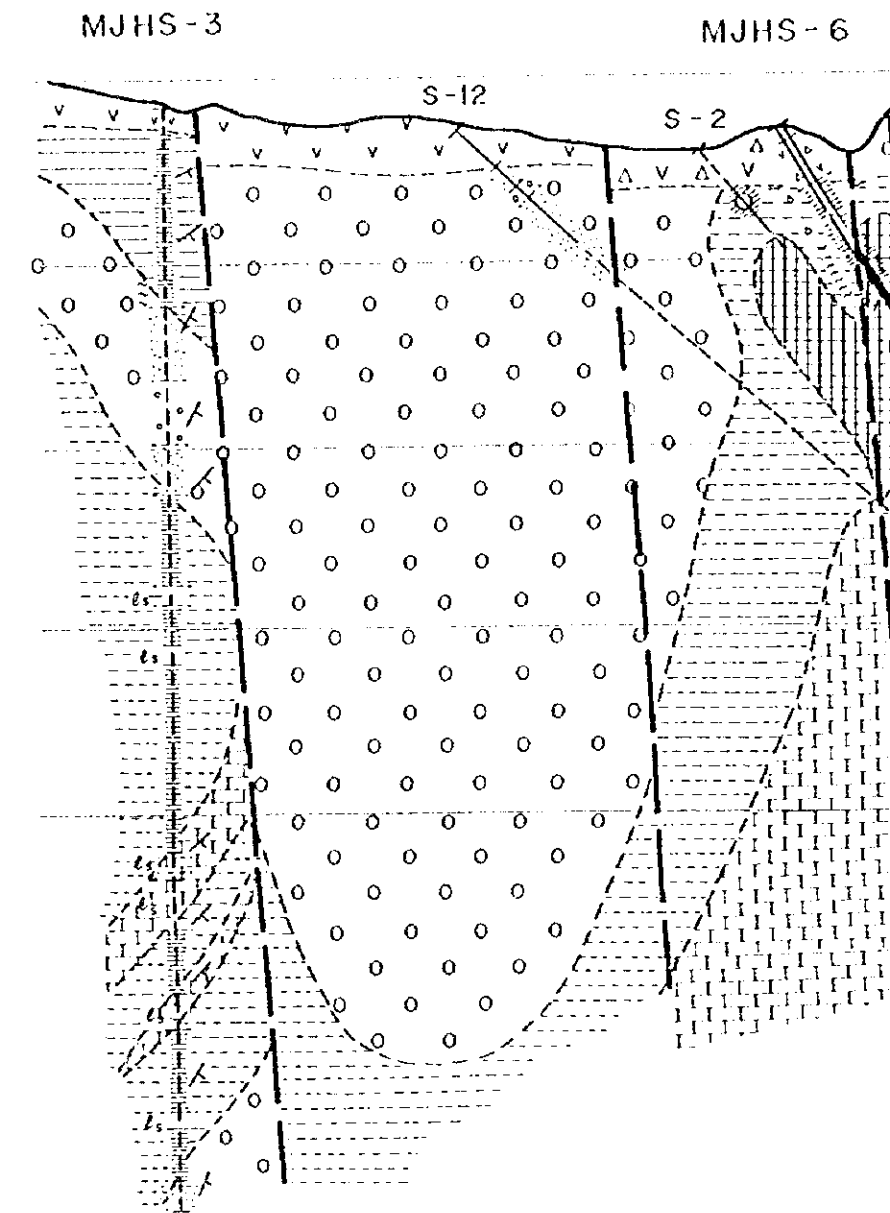
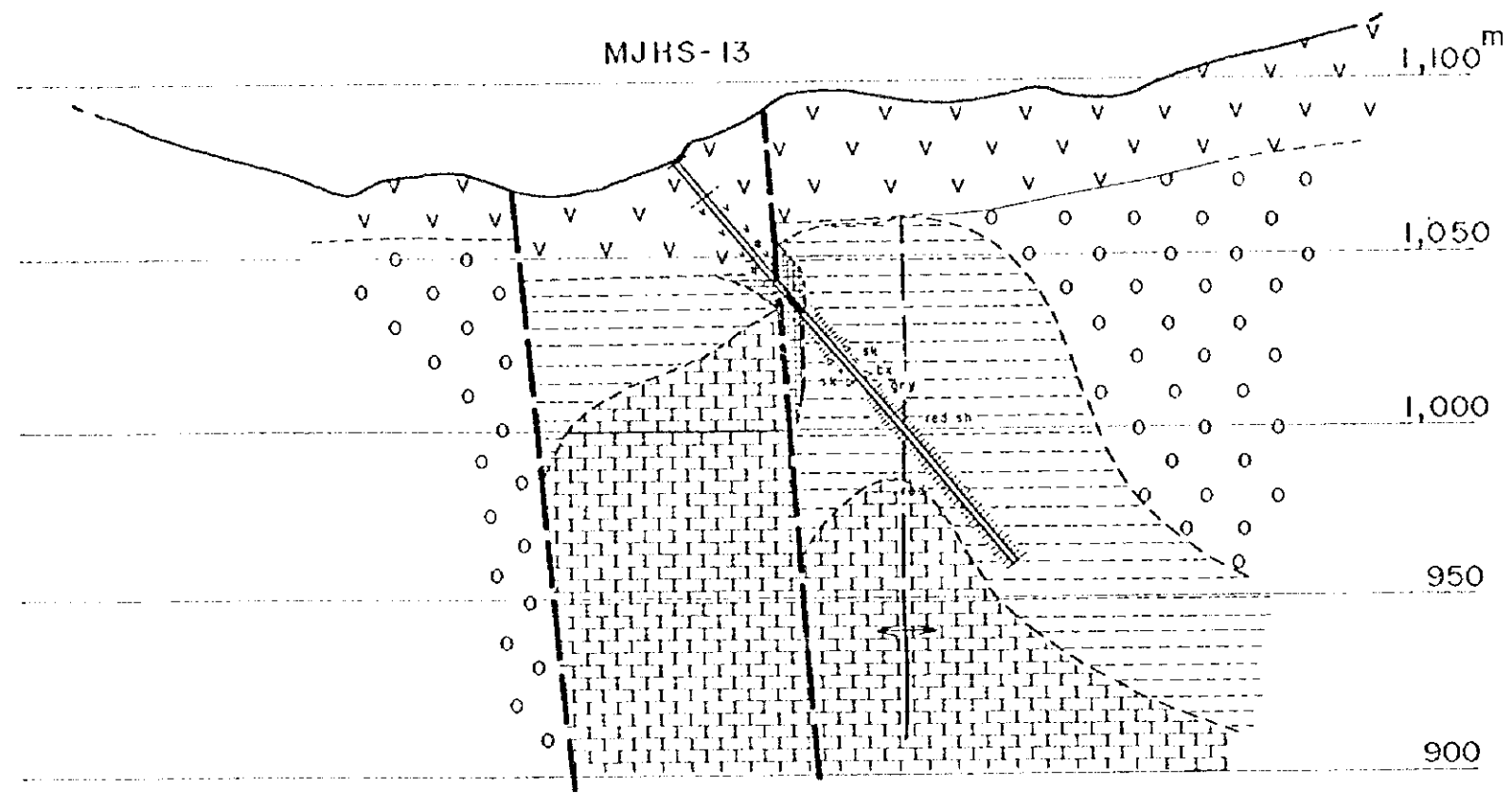
JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1998

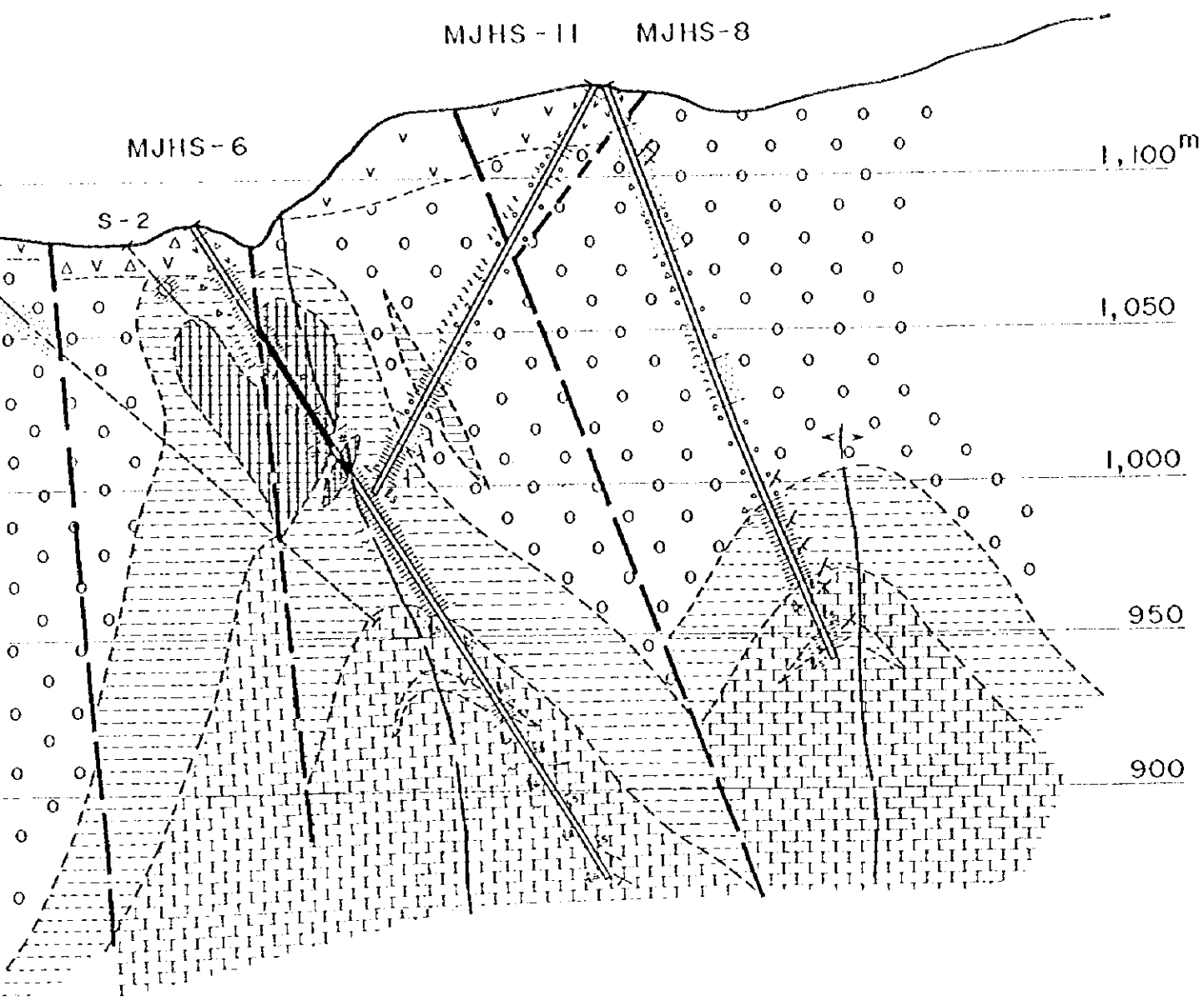




LEYENDA

- | | | | |
|------------------|---|---------------------|-------------|
| | ALUVIONES | CUATERNARIO | |
| | IGNIMBRITAS, TOBAS | | |
| | BRECHA TOBACEA, DEPOSITOS FLUVIALES DERRUMBES | G. PADRE MIGUEL | } TERCARIO |
| | ANDESITAS | F. MATAGALPA | |
| ~ DISCORDANCIA ~ | | | |
| | LUTITAS Y MARGAS | G. VALLE DE ANGELES | } CRETACICO |
| | CONGLOMERADOS Y ARENISCAS | | |
| | LUTITAS CALCAREAS | F. ATIMA | |
| | CALIZAS | | |
| | ZONA MINERALIZADA | | |
| | EJE ANTICLINAL | | |

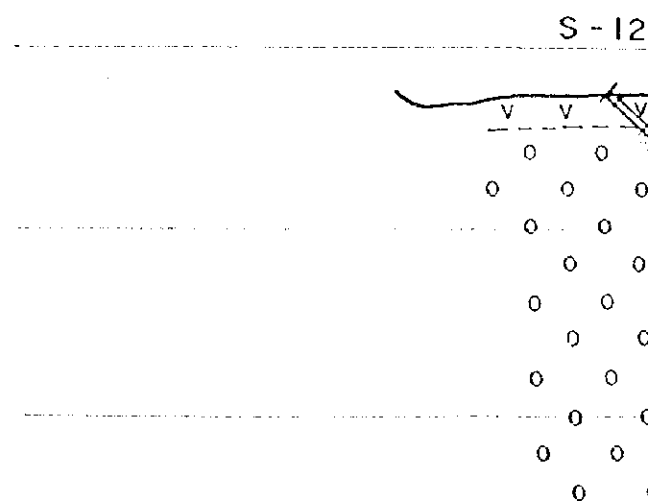
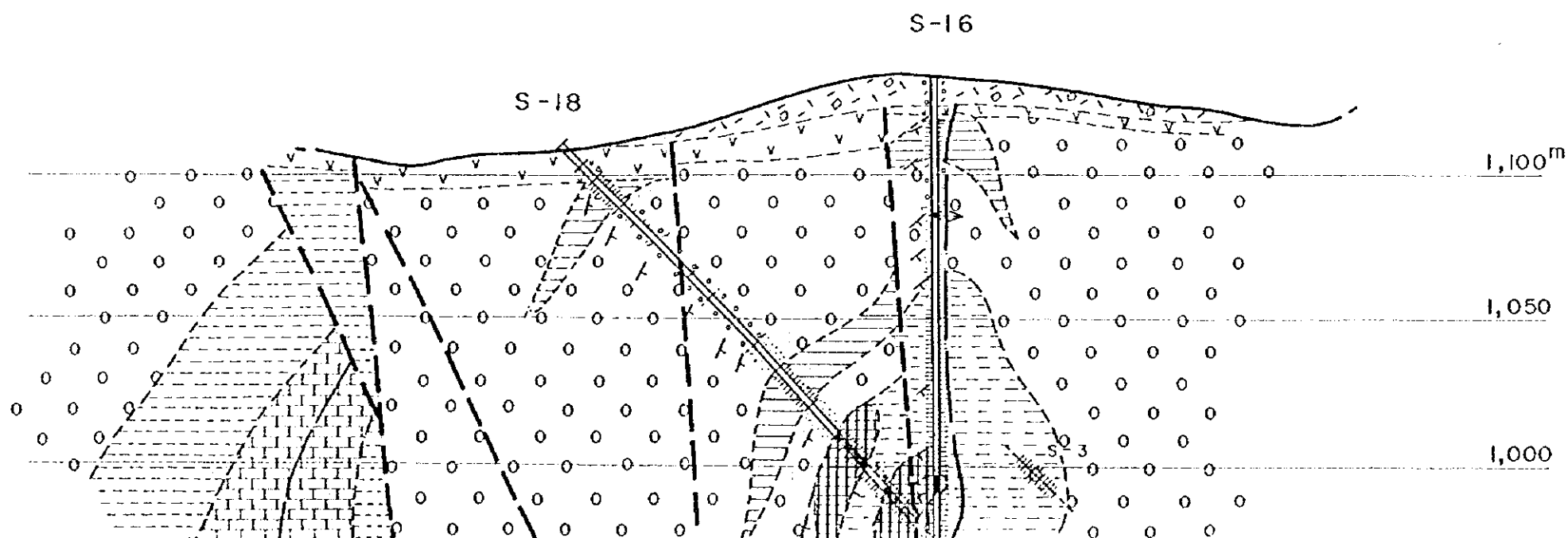
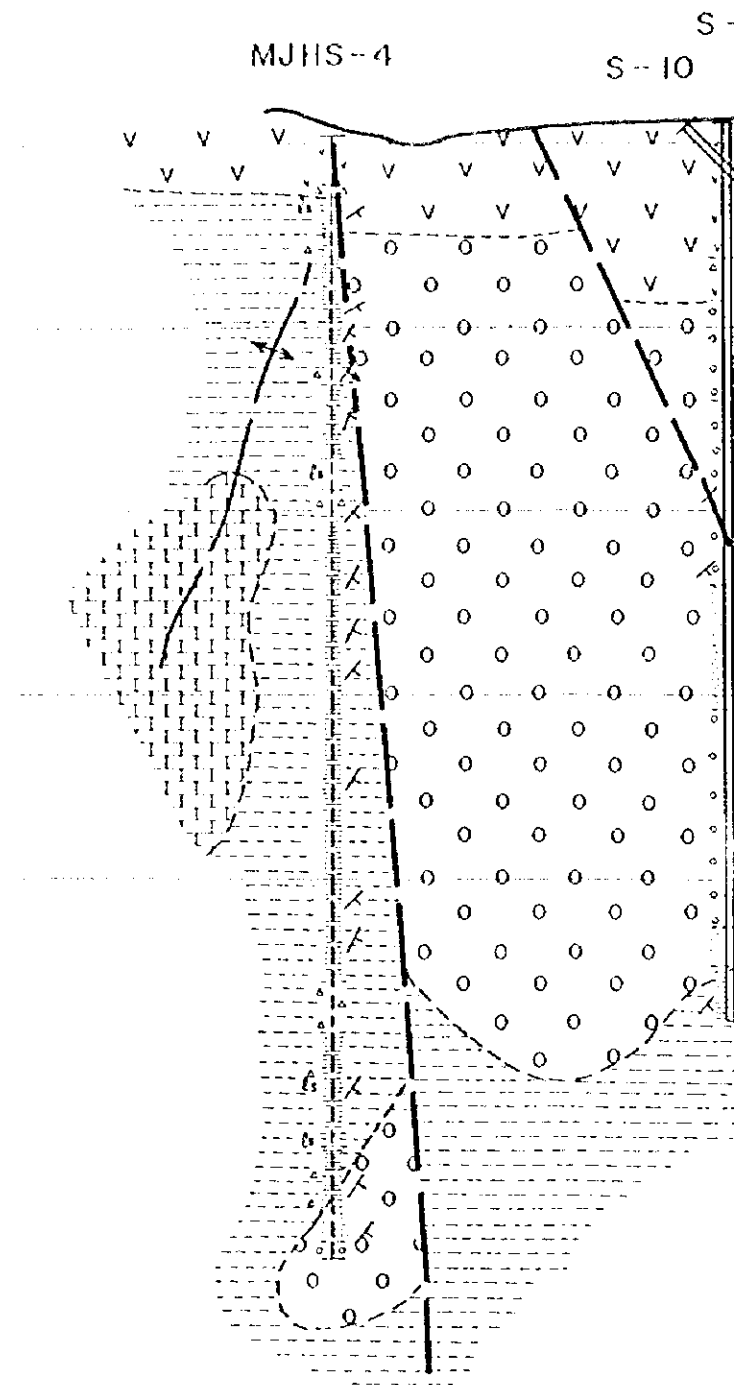
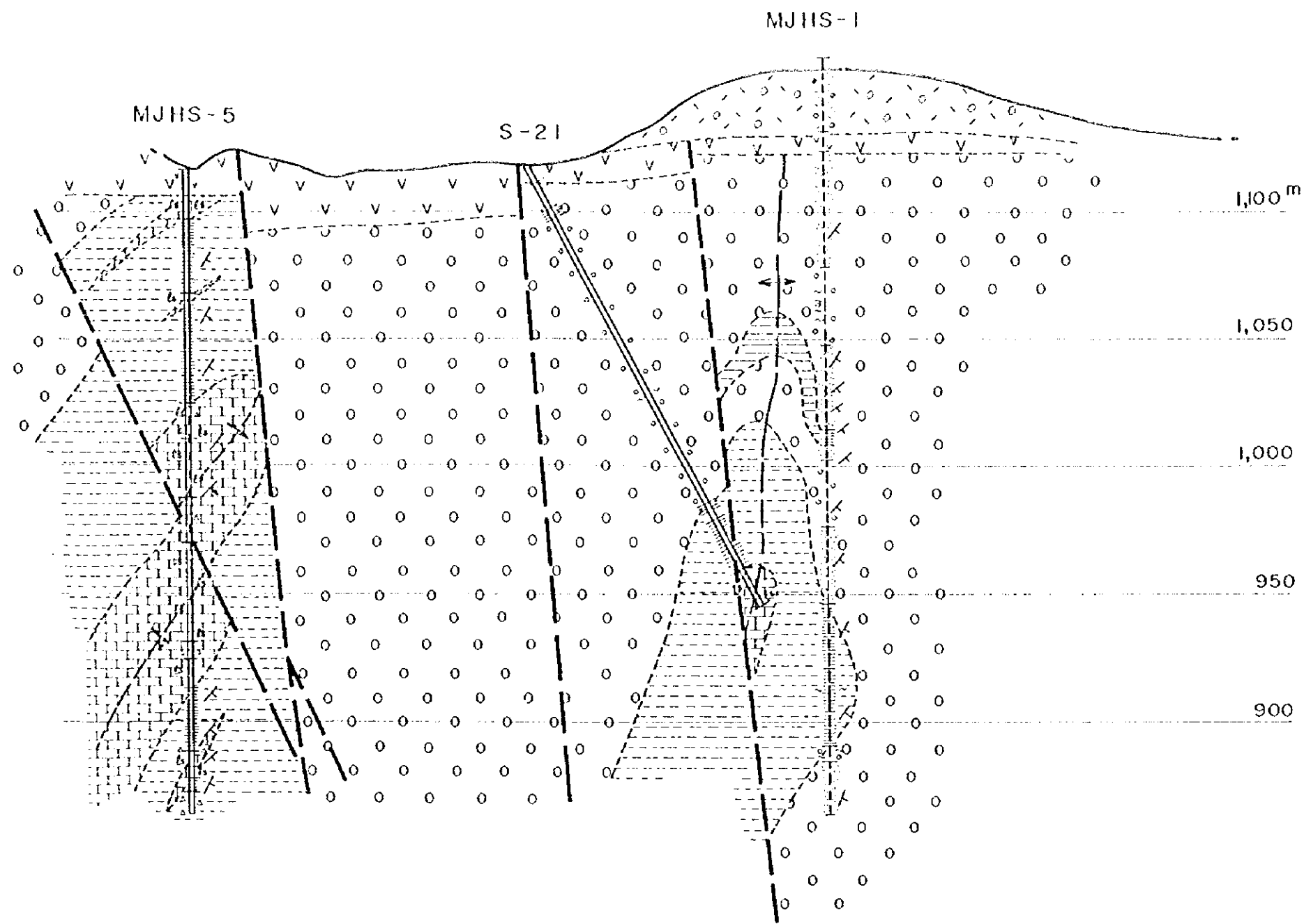


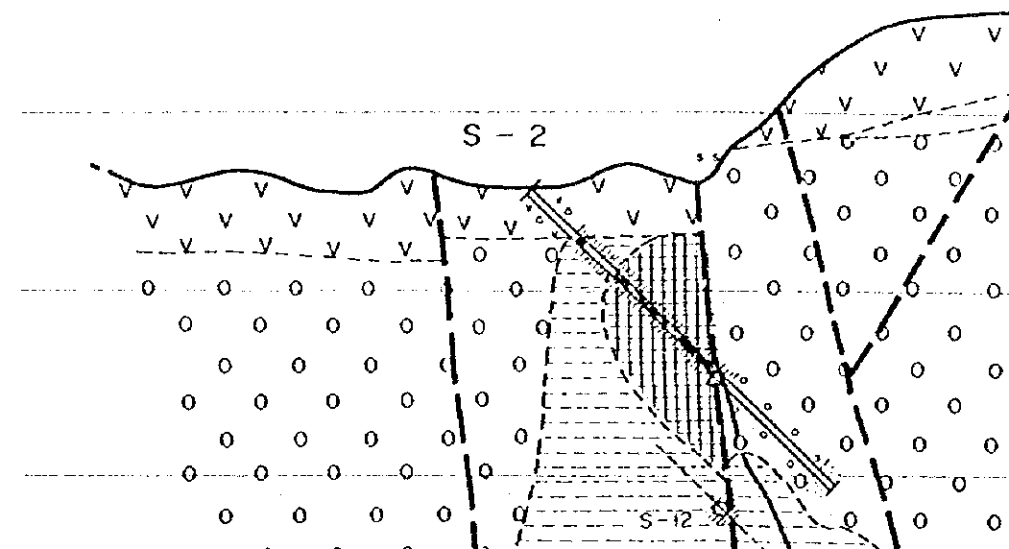
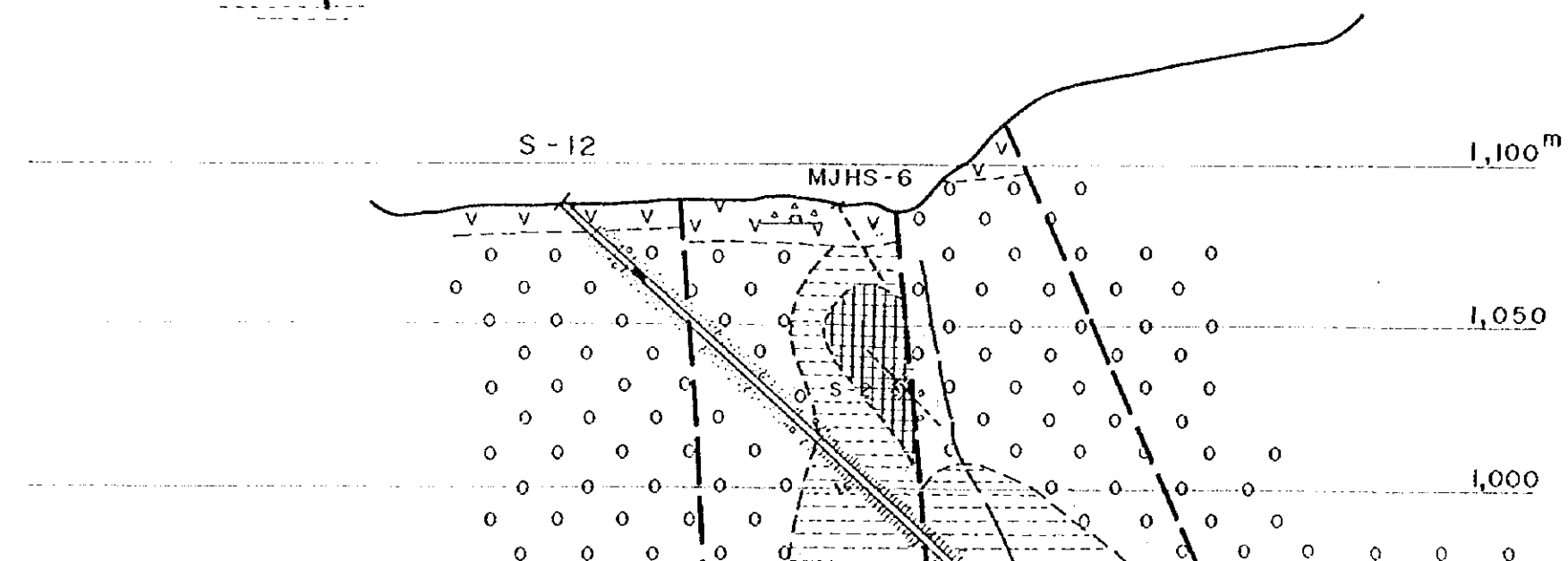
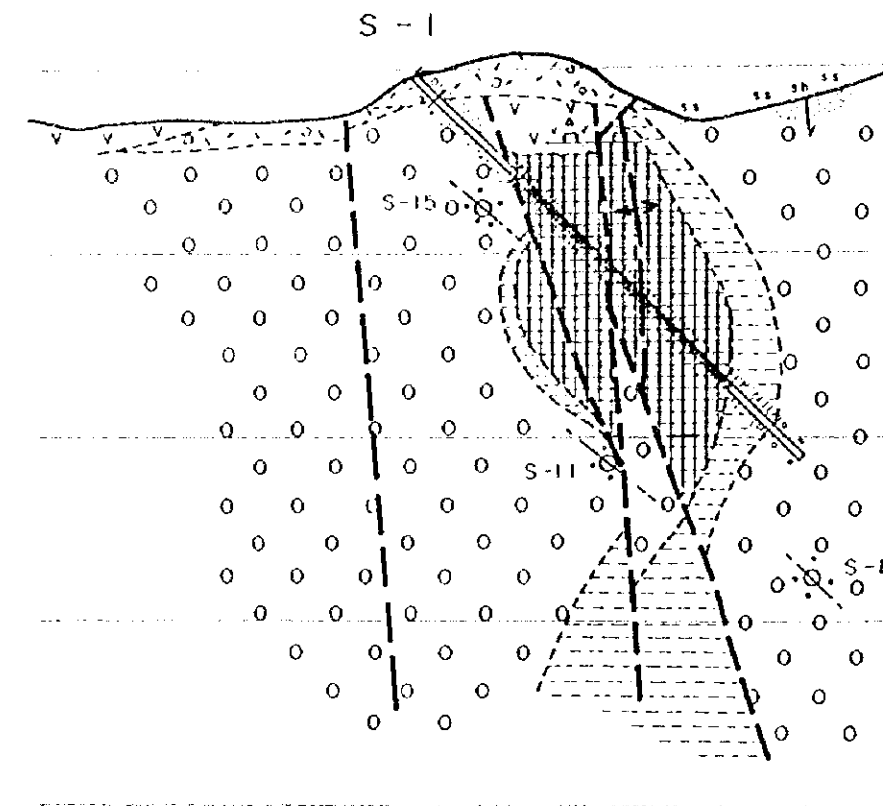
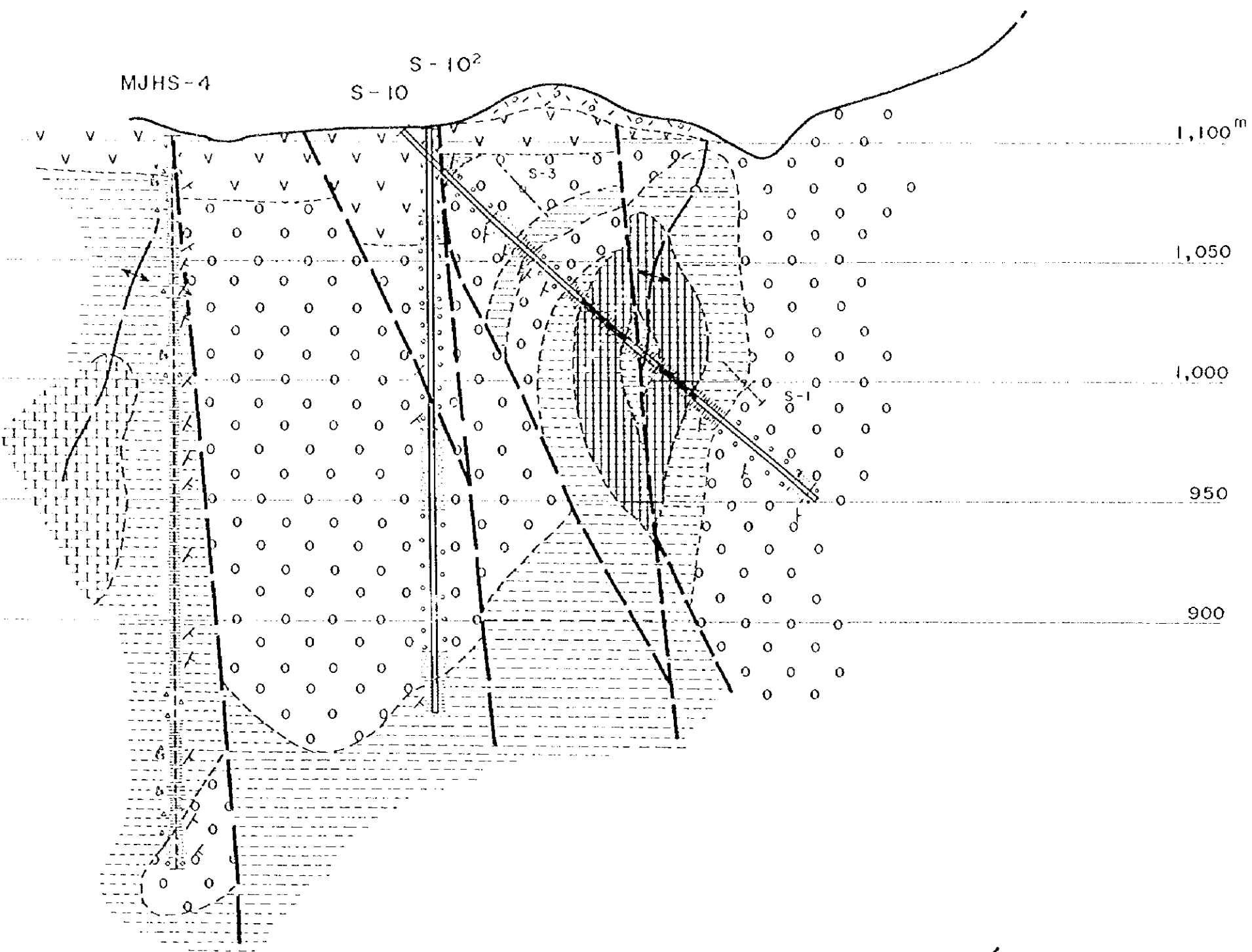


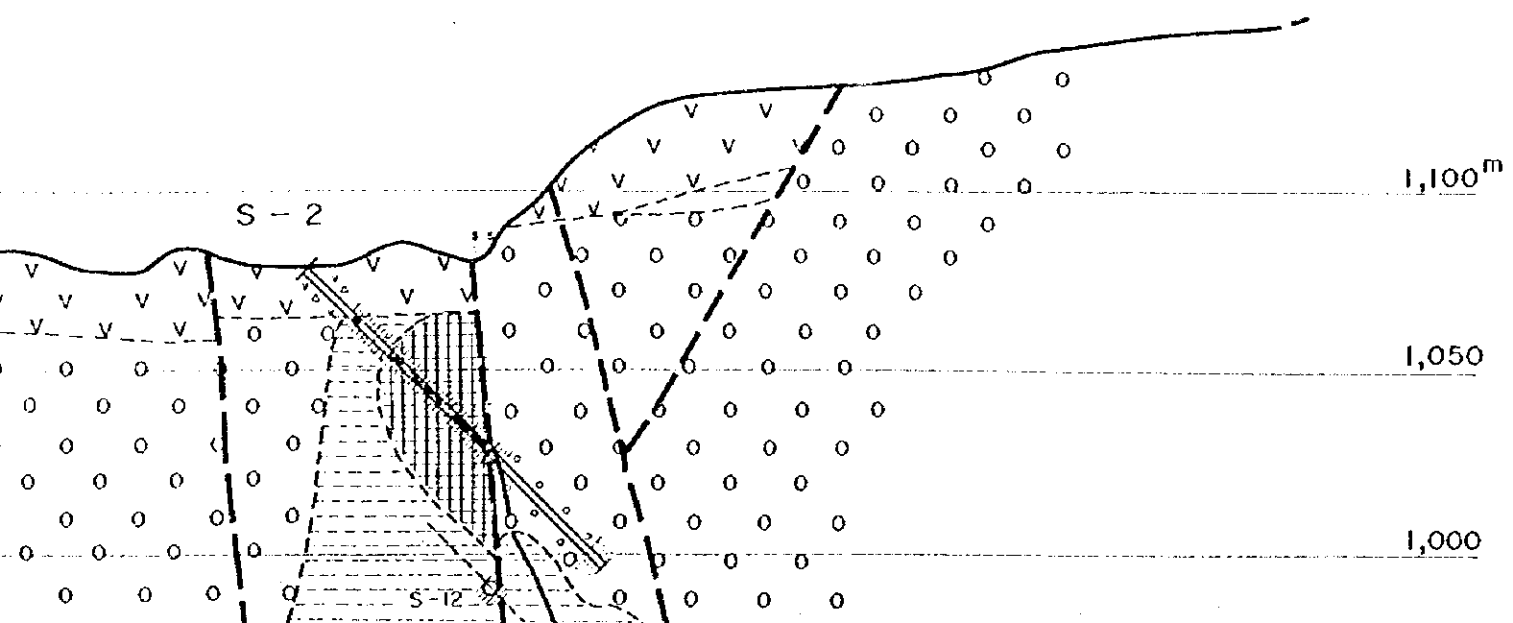
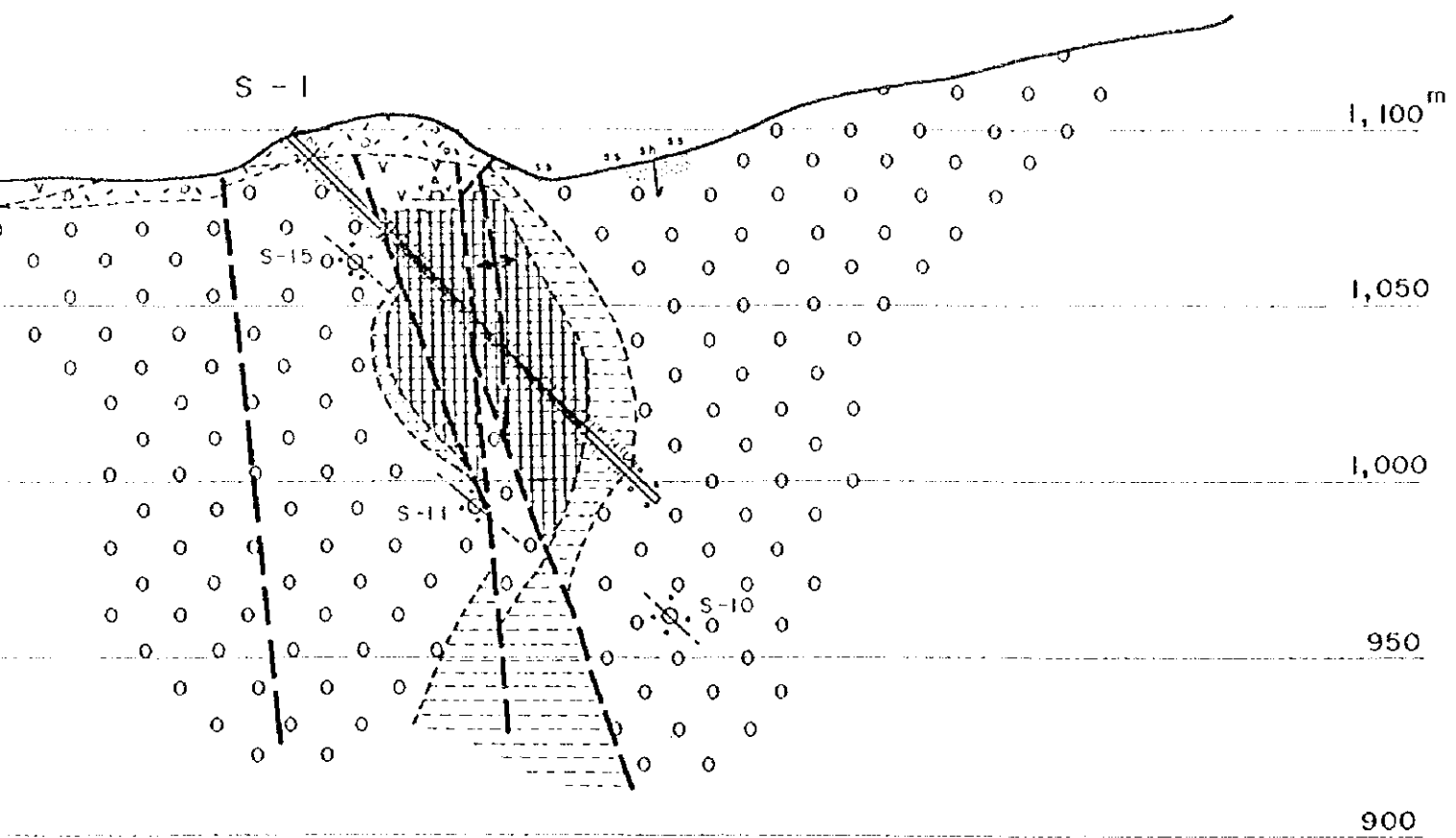
LEYENDA

- | | | | |
|------------------|---|---------------------|-------------|
| | ALUVIONES | CUATERNARIO | |
| | IGNIMBRITAS, TOBAS | | } Terciario |
| | BRECHA TOBACEA, DEPOSITOS FLUVIALES DERRUMBES | G. PADRE MIGUEL | |
| | ANDESITAS | F. MATAGALPA | |
| ~ DISCORDANCIA ~ | | | |
| | LUTITAS Y MARGAS | G. VALLE DE ANGELES | } Cretacico |
| | CONGLOMERADOS Y ARENISCAS | | |
| | LUTITAS CALCAREAS | | |
| | CALIZAS | F. ATIMA | |
| | ZONA MINERALIZADA | | |
| | EJE ANTICLINAL | | |
| | FALLA PROBABLE | | |
| | TUNEL | | |
| | ANGULO DE ESTRATIFICACION | | |





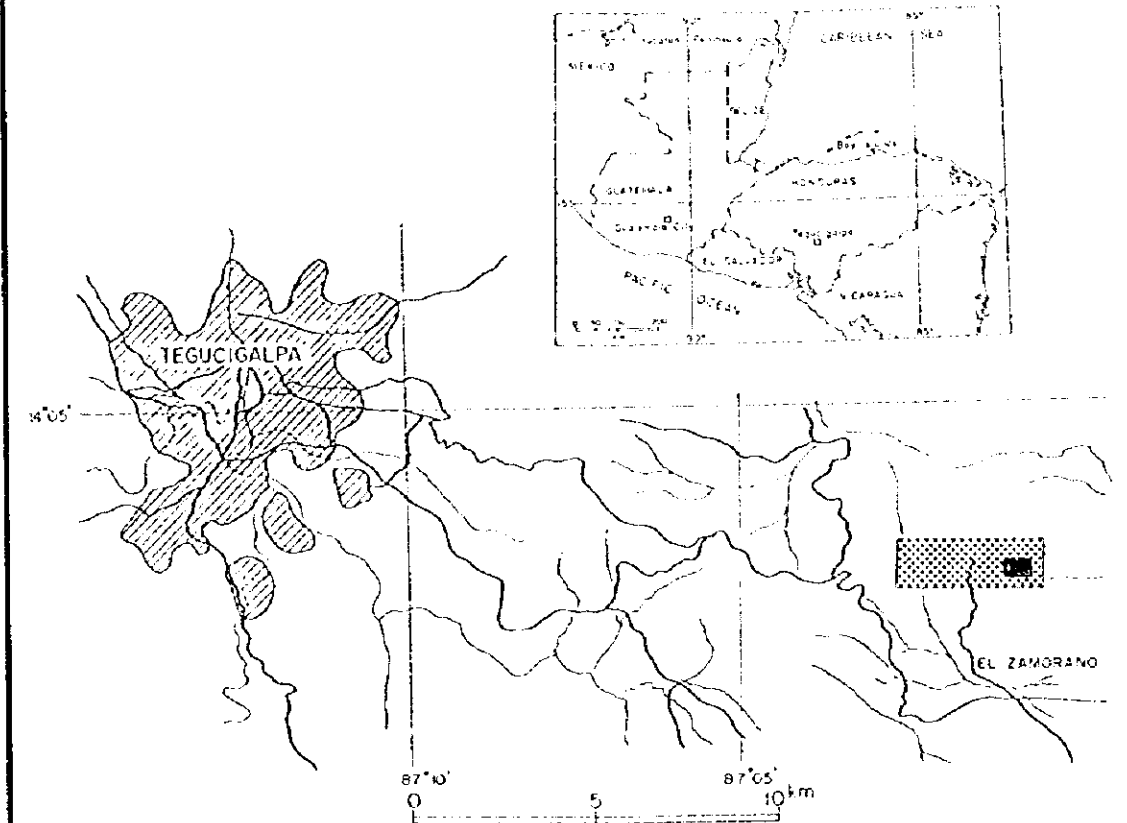




LA EXPLORACION MINERA
 EN
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 LA REPUBLICA DE HONDURAS

P.L. 2--2

ボーリング地質断面図 (La Plomosa 地区 II)
 (1:2,000)

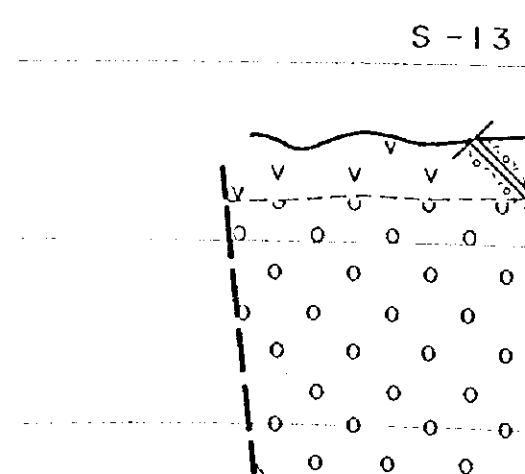
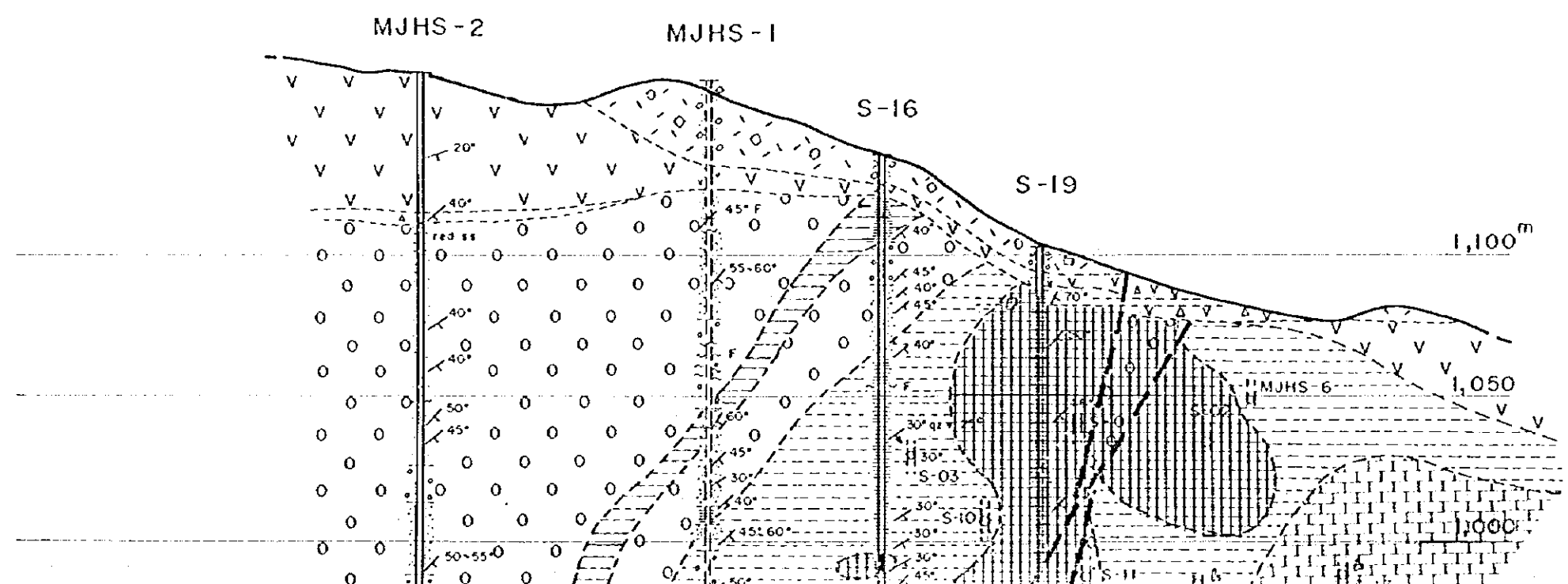
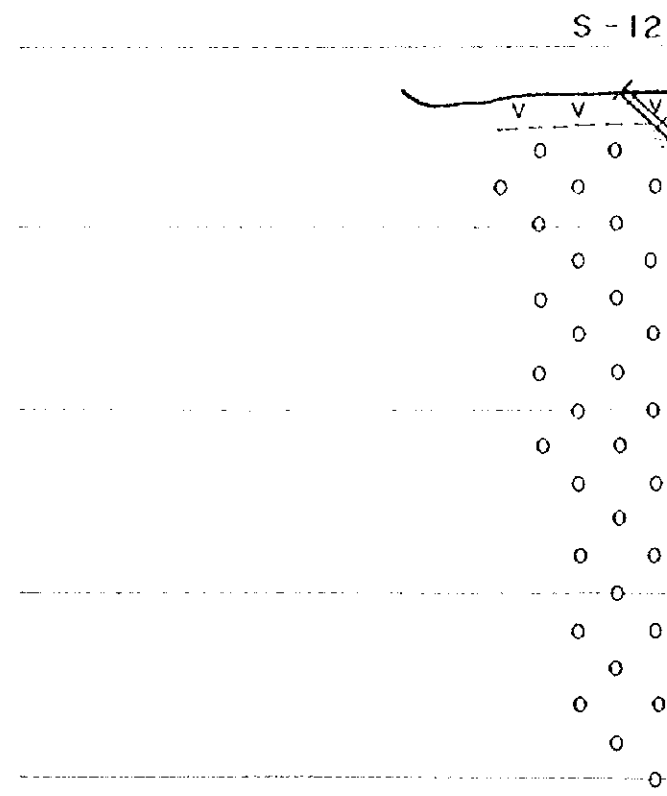
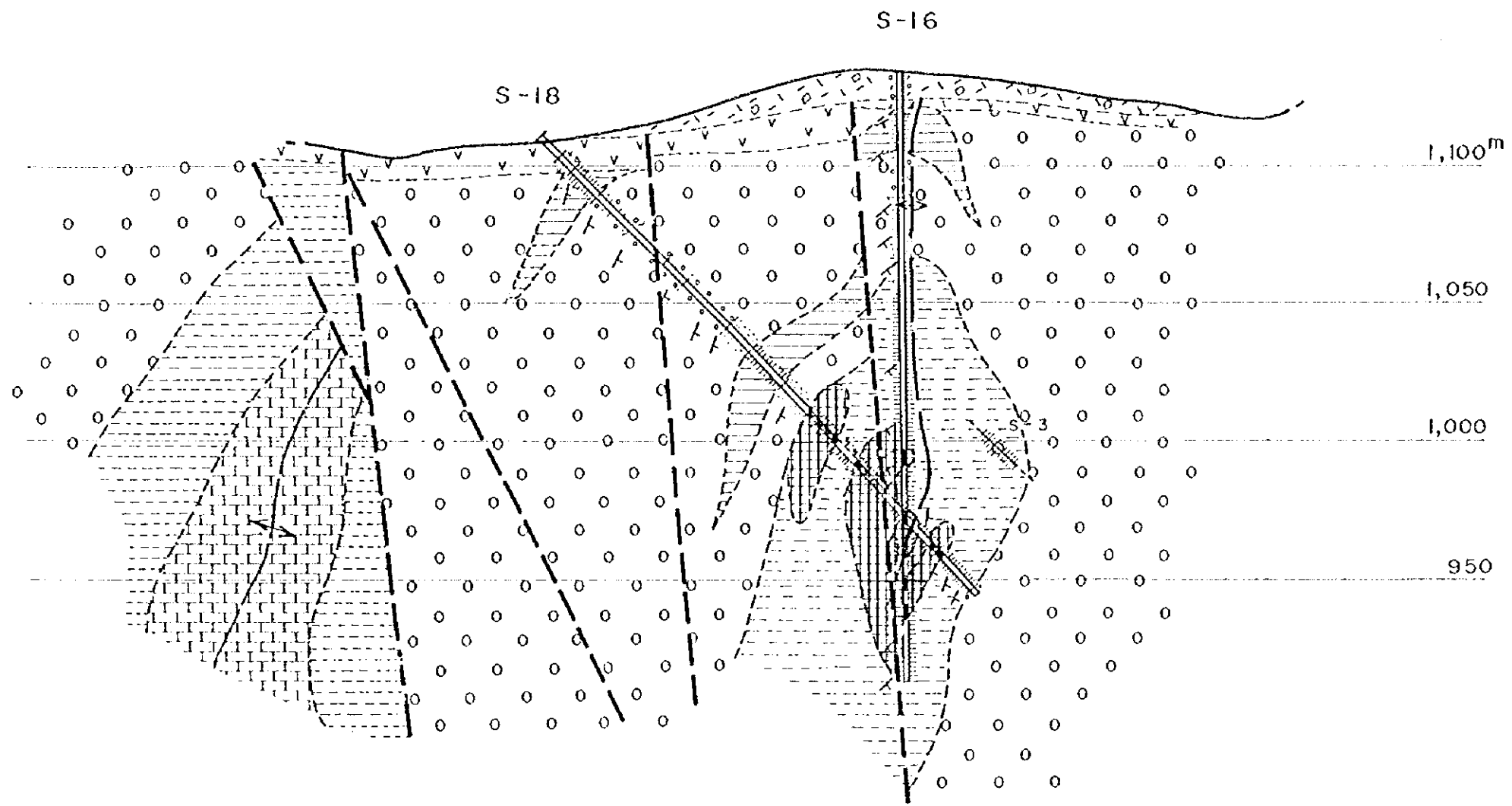
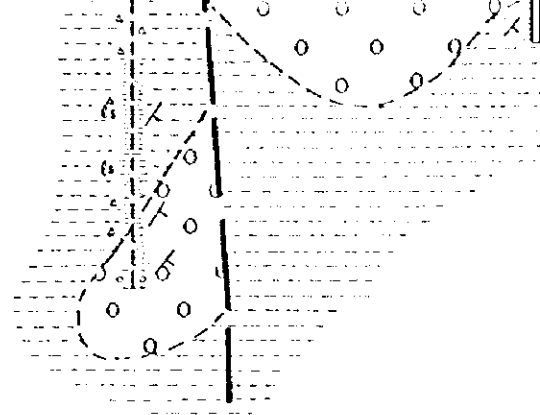


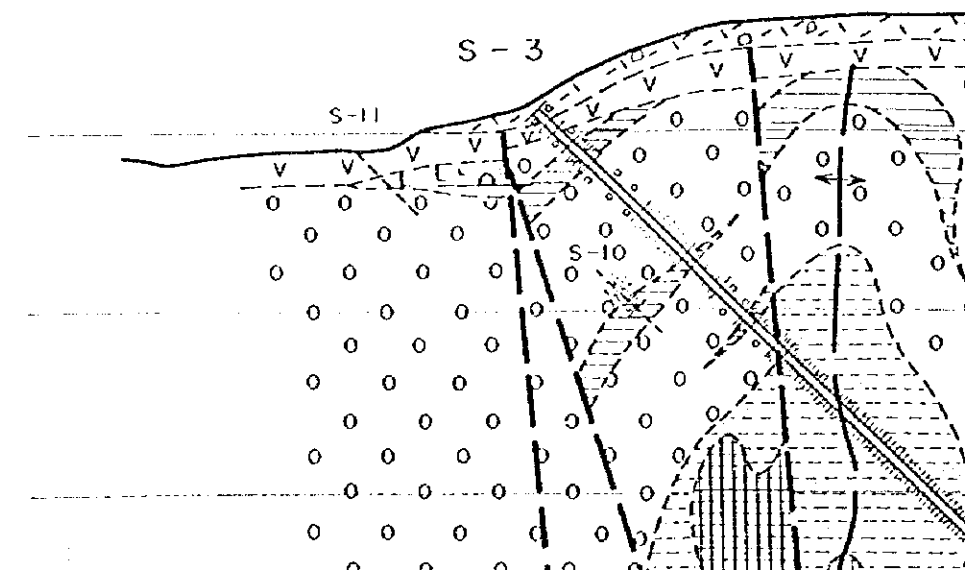
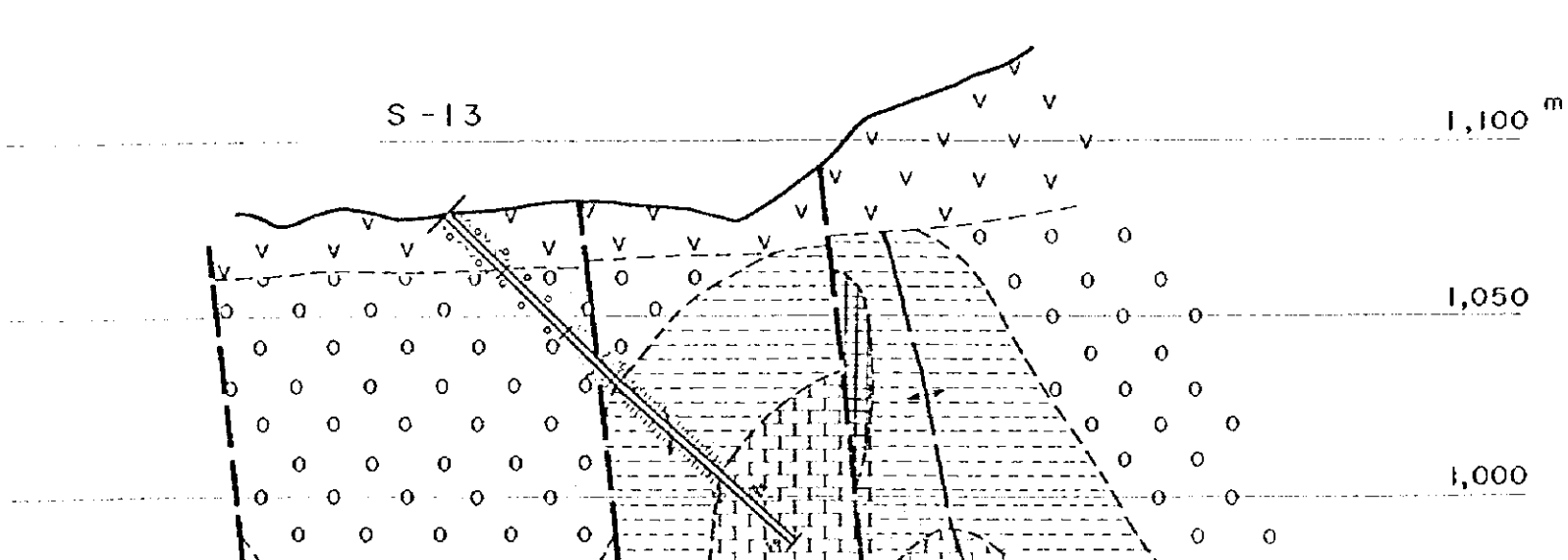
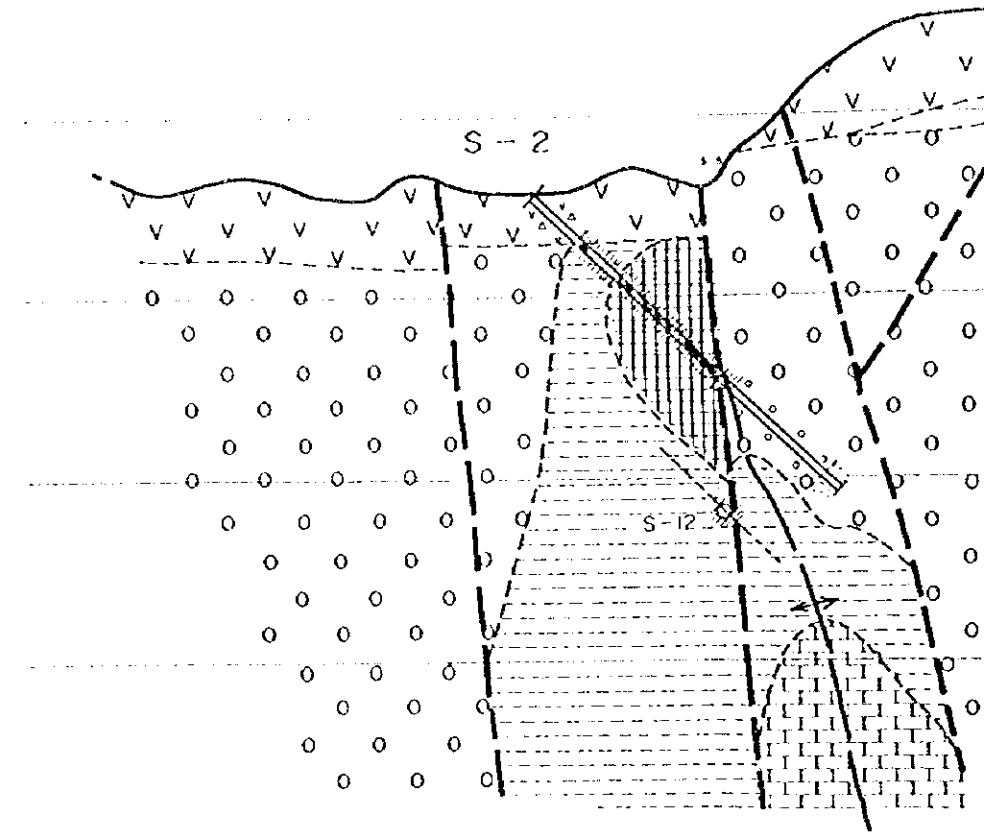
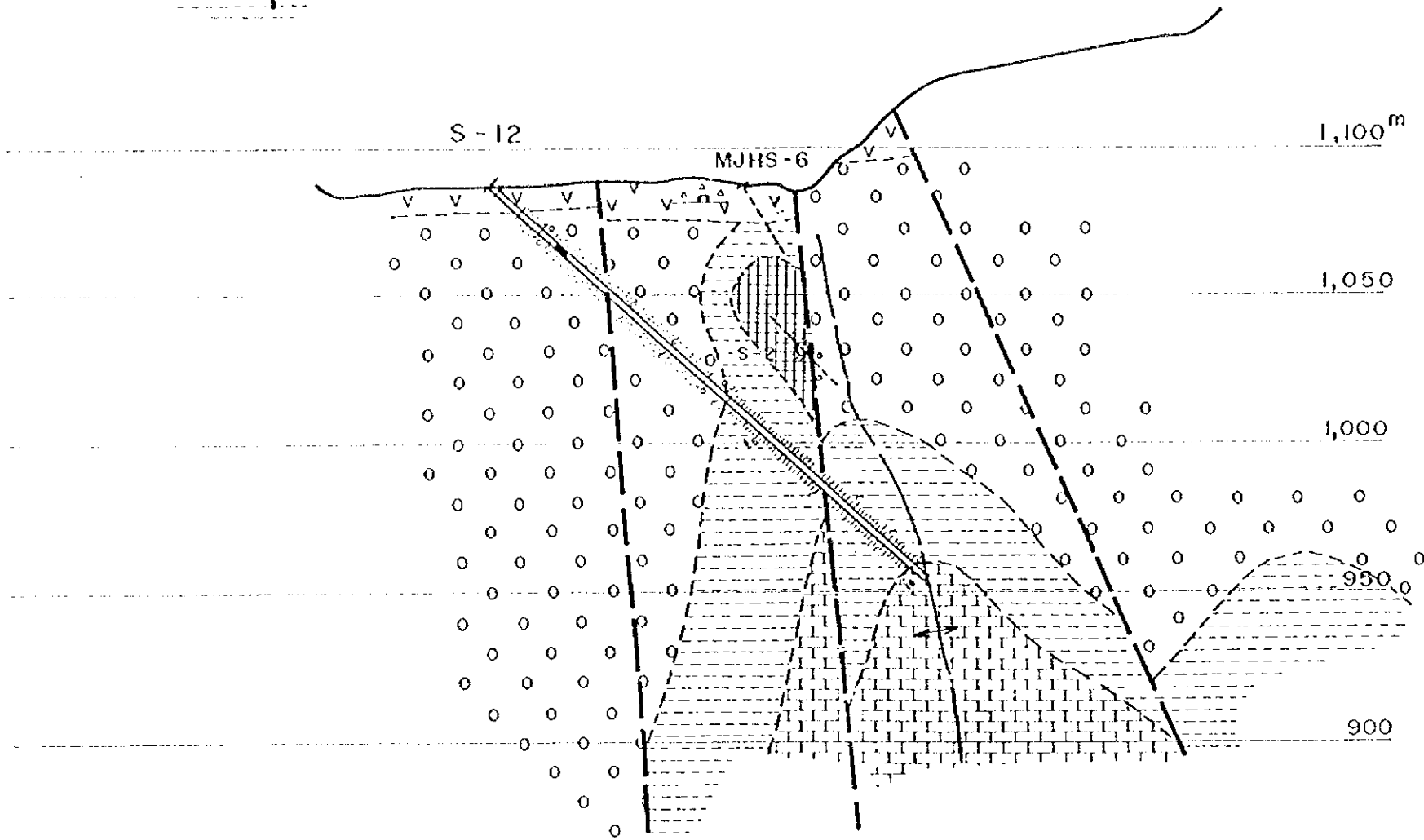
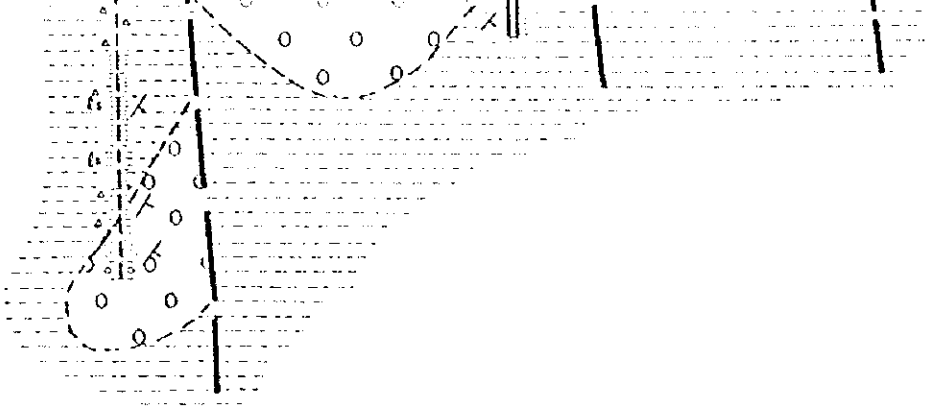
JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1998

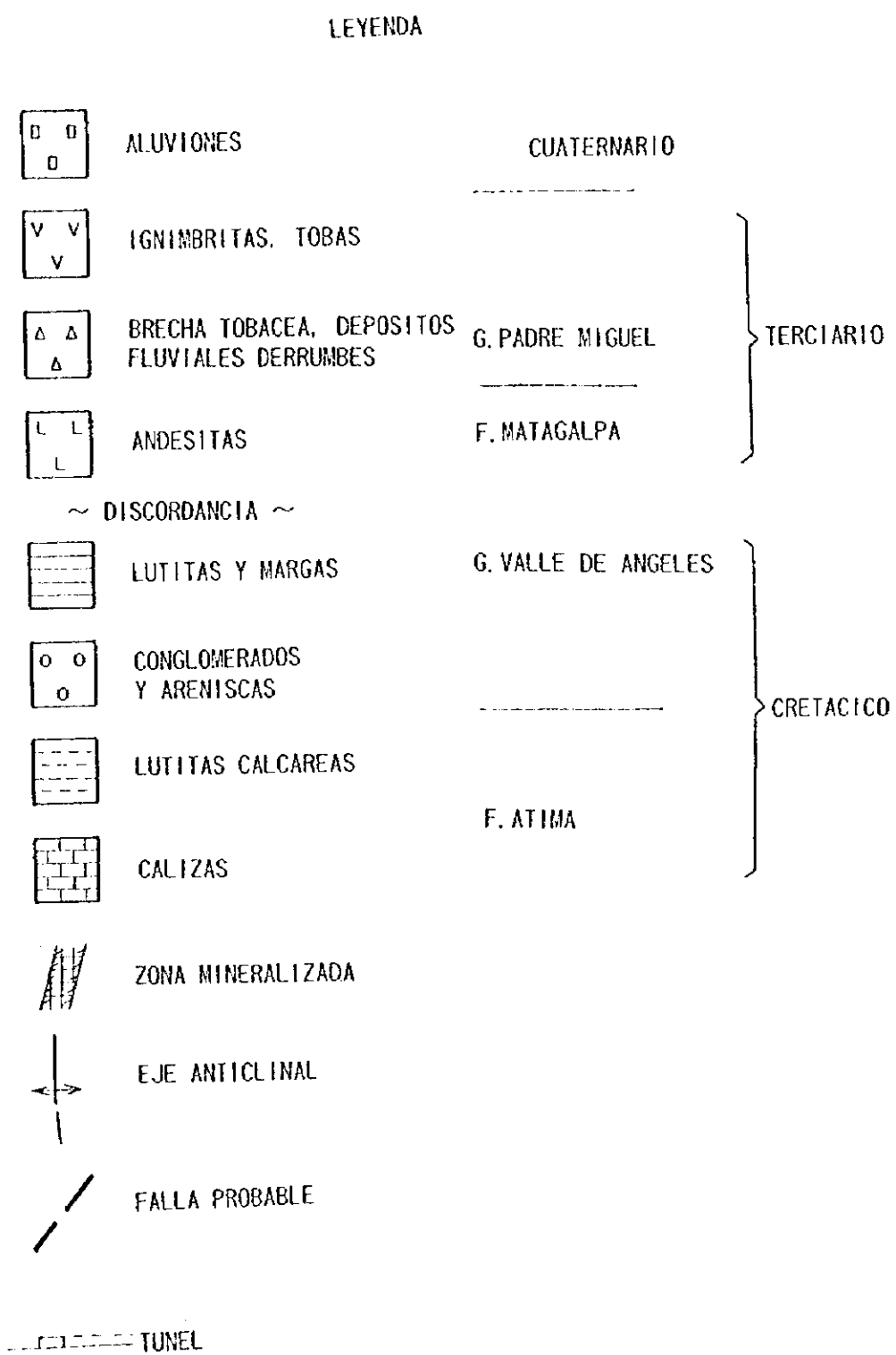
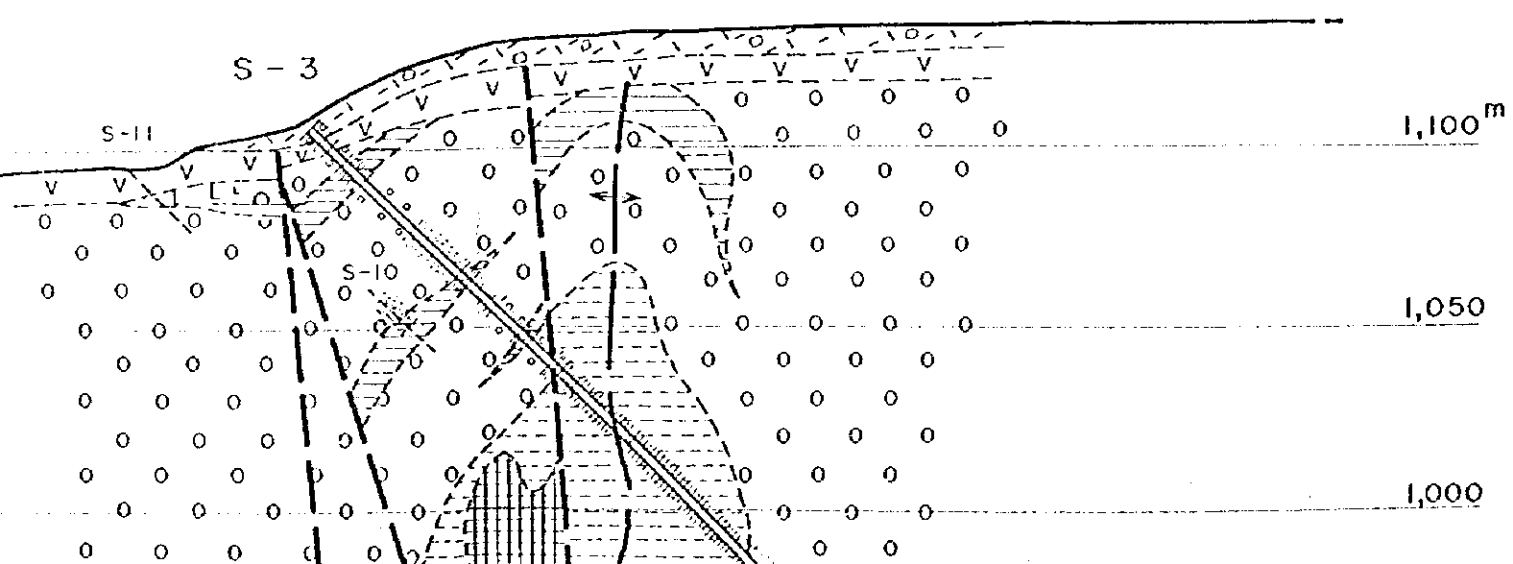
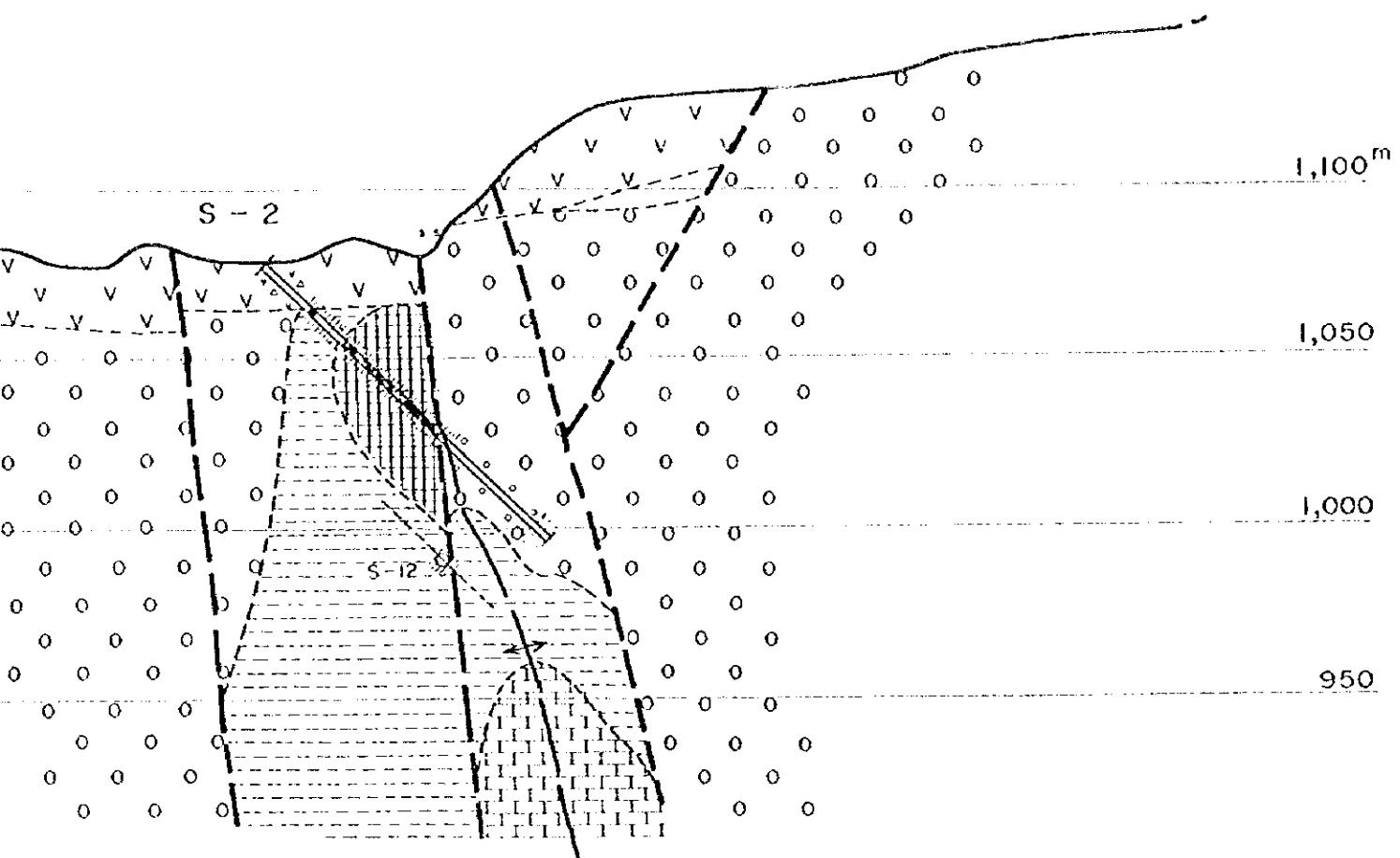
LEYENDA

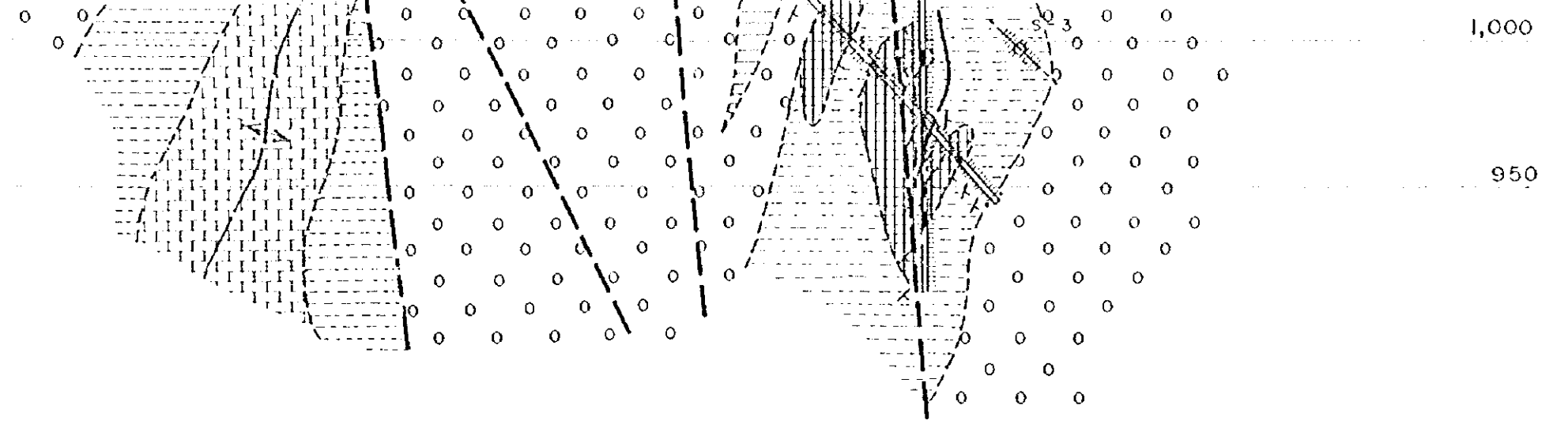
 ALUVIONES

 CUATERNARIO

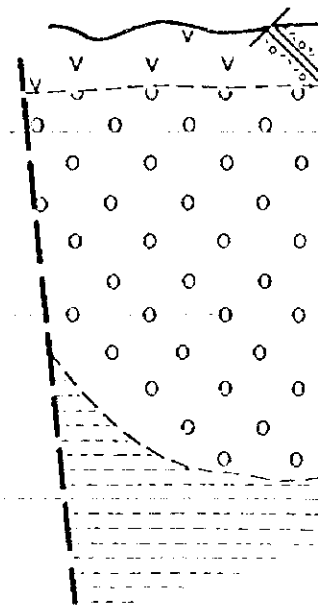
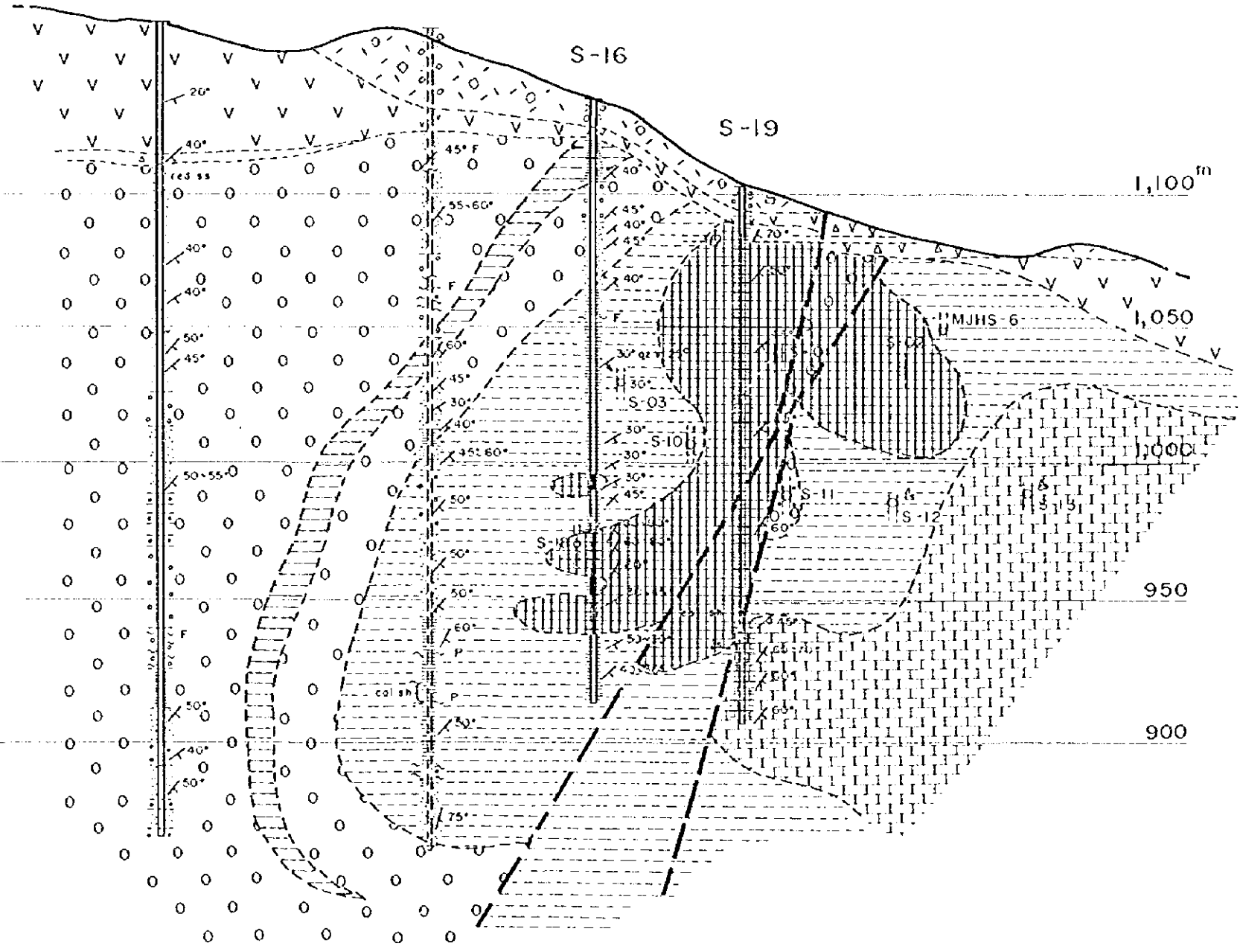


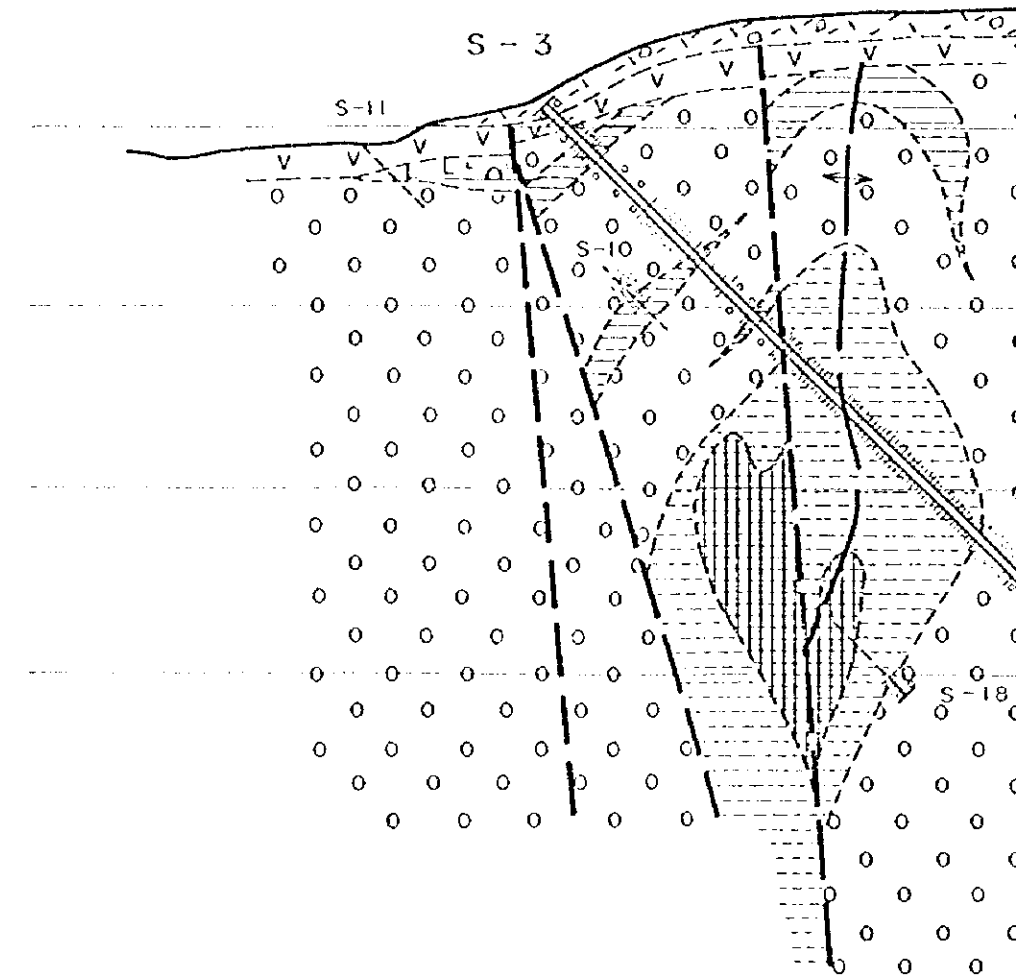
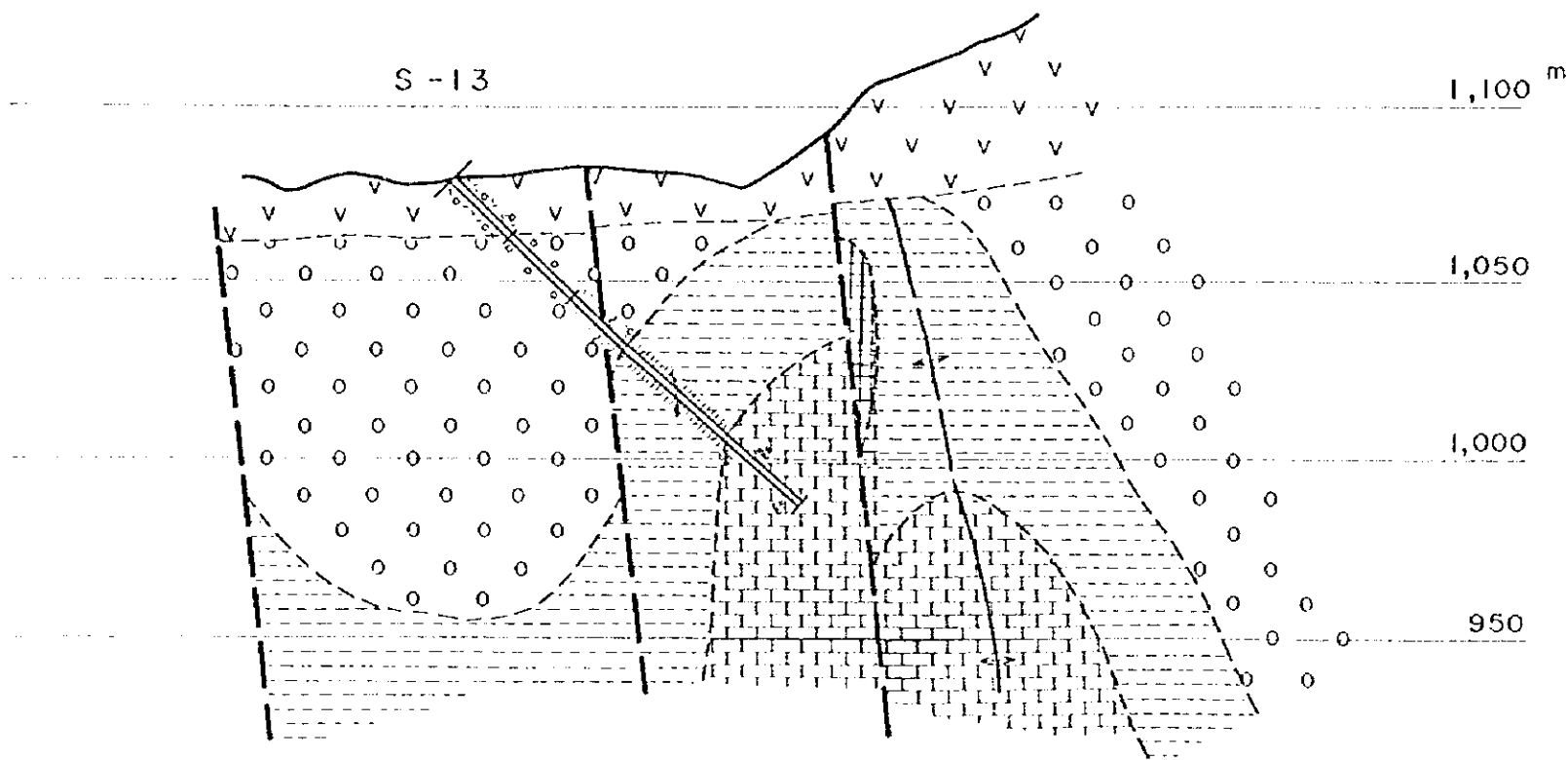
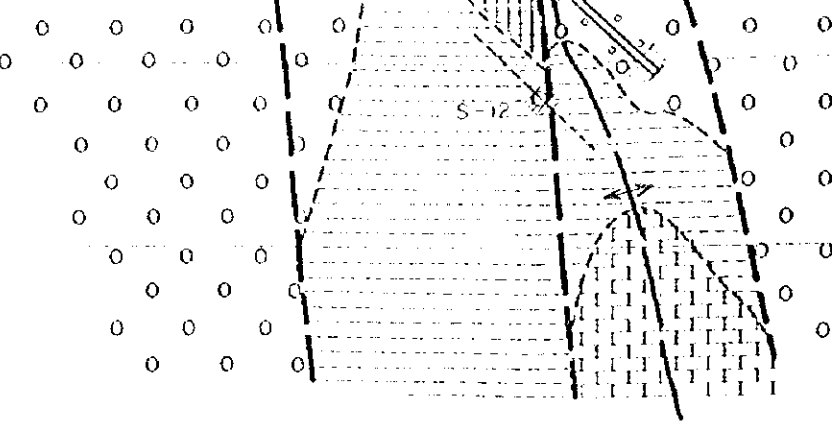
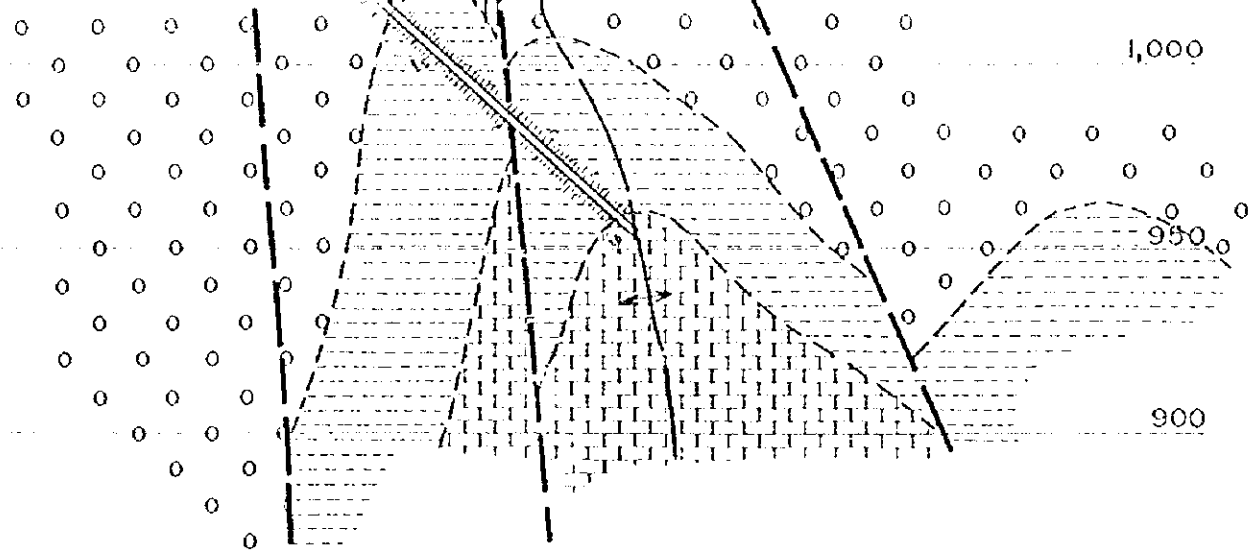


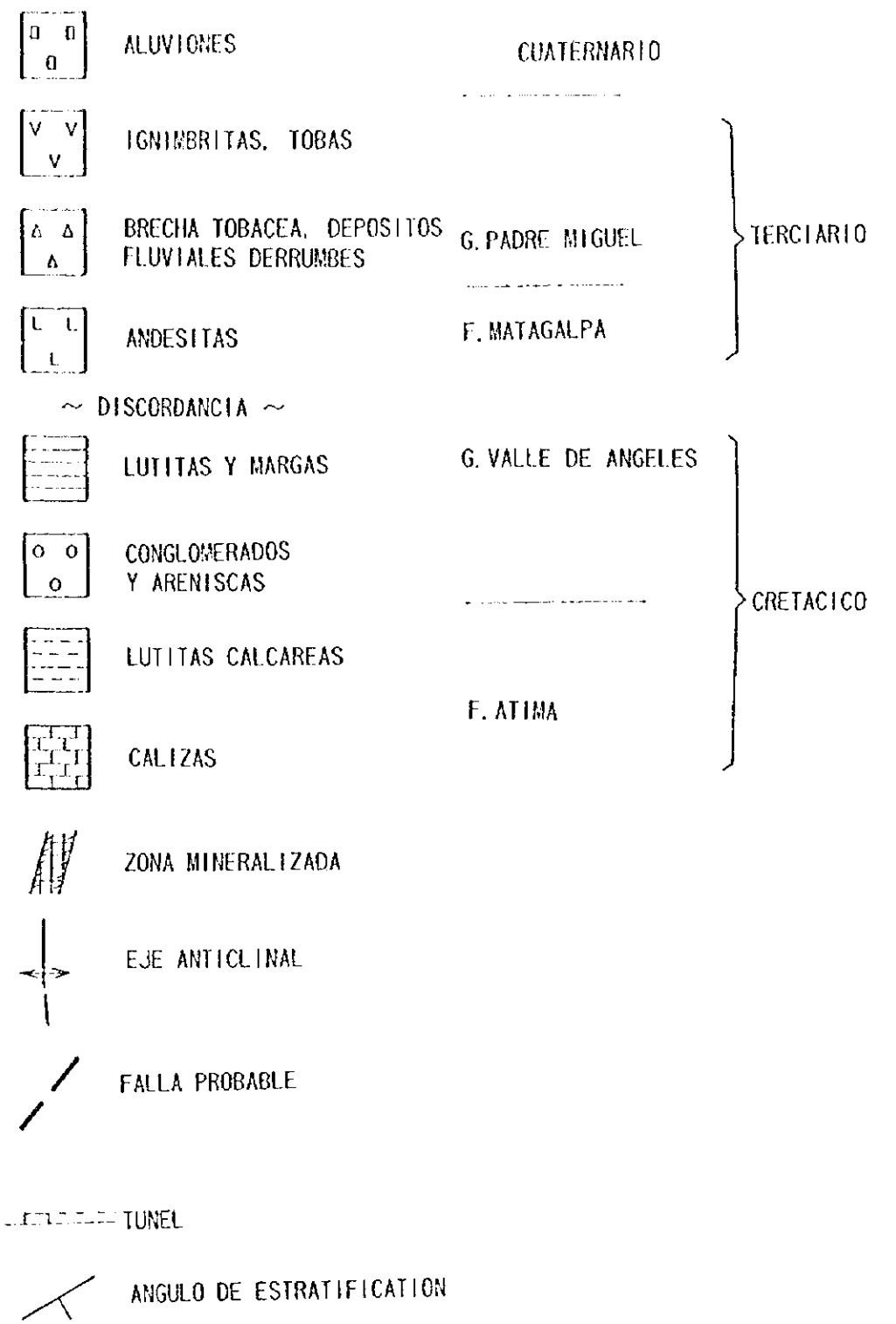
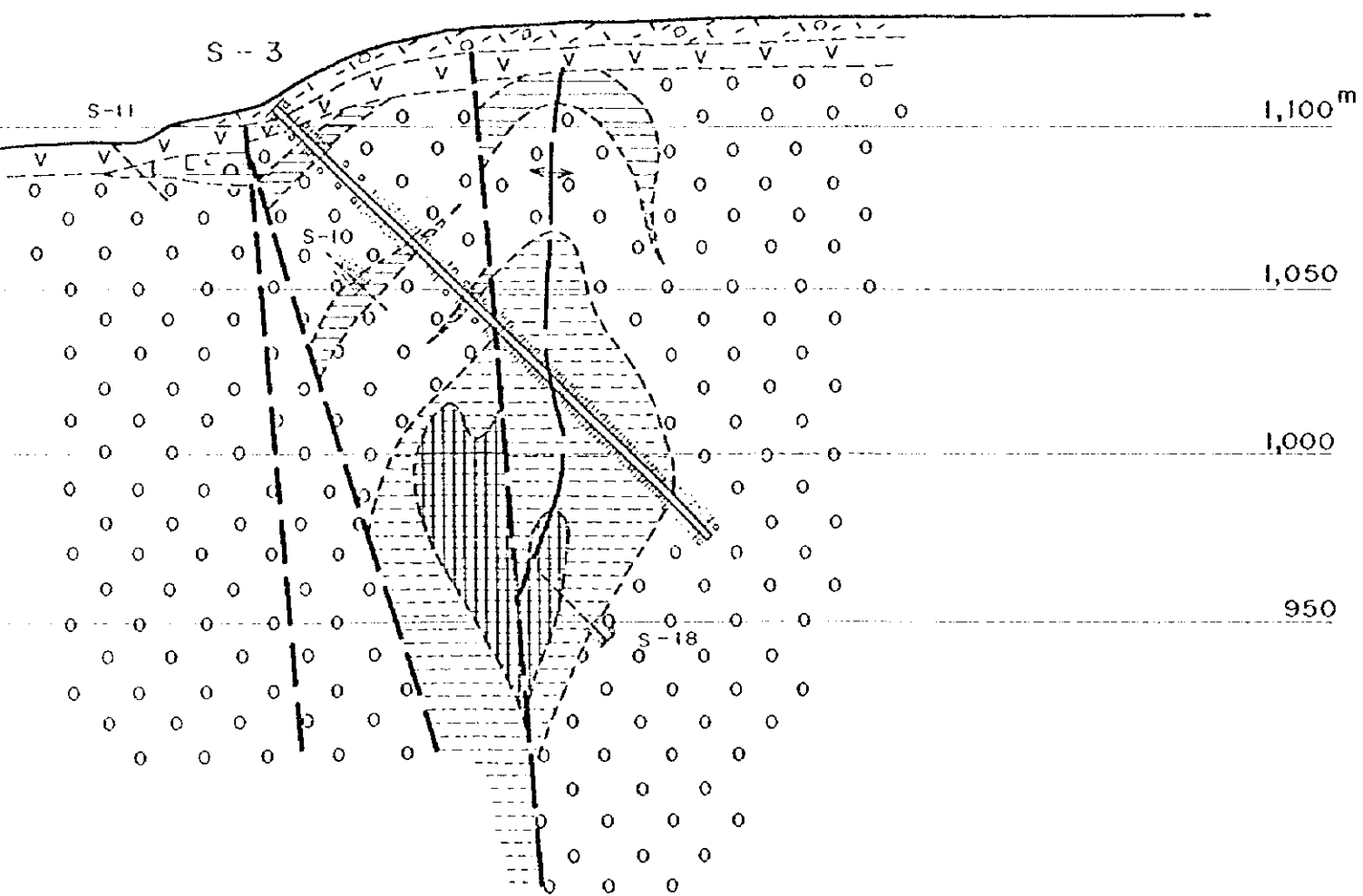
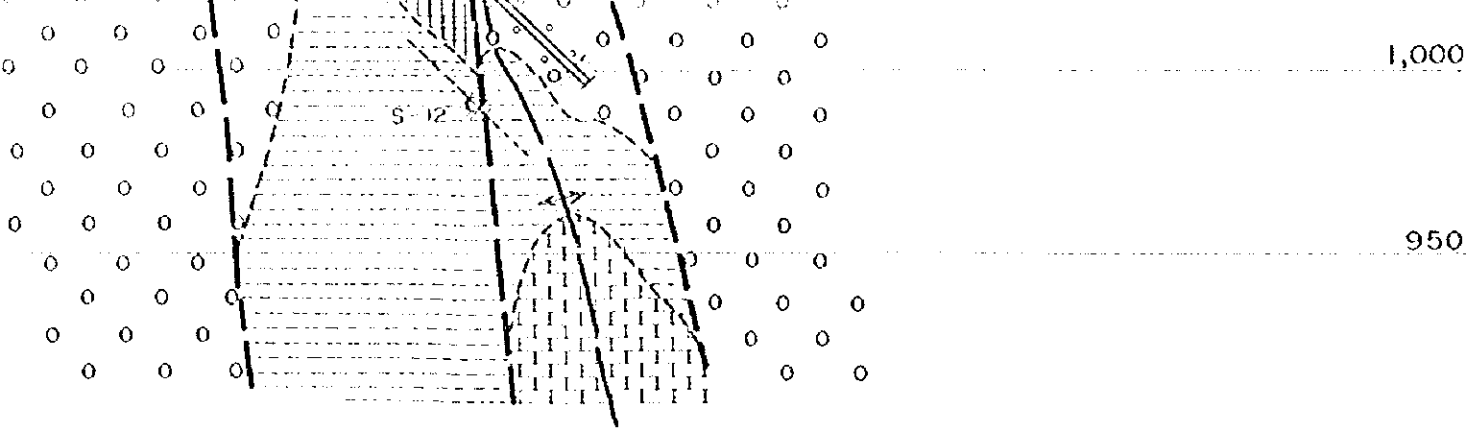


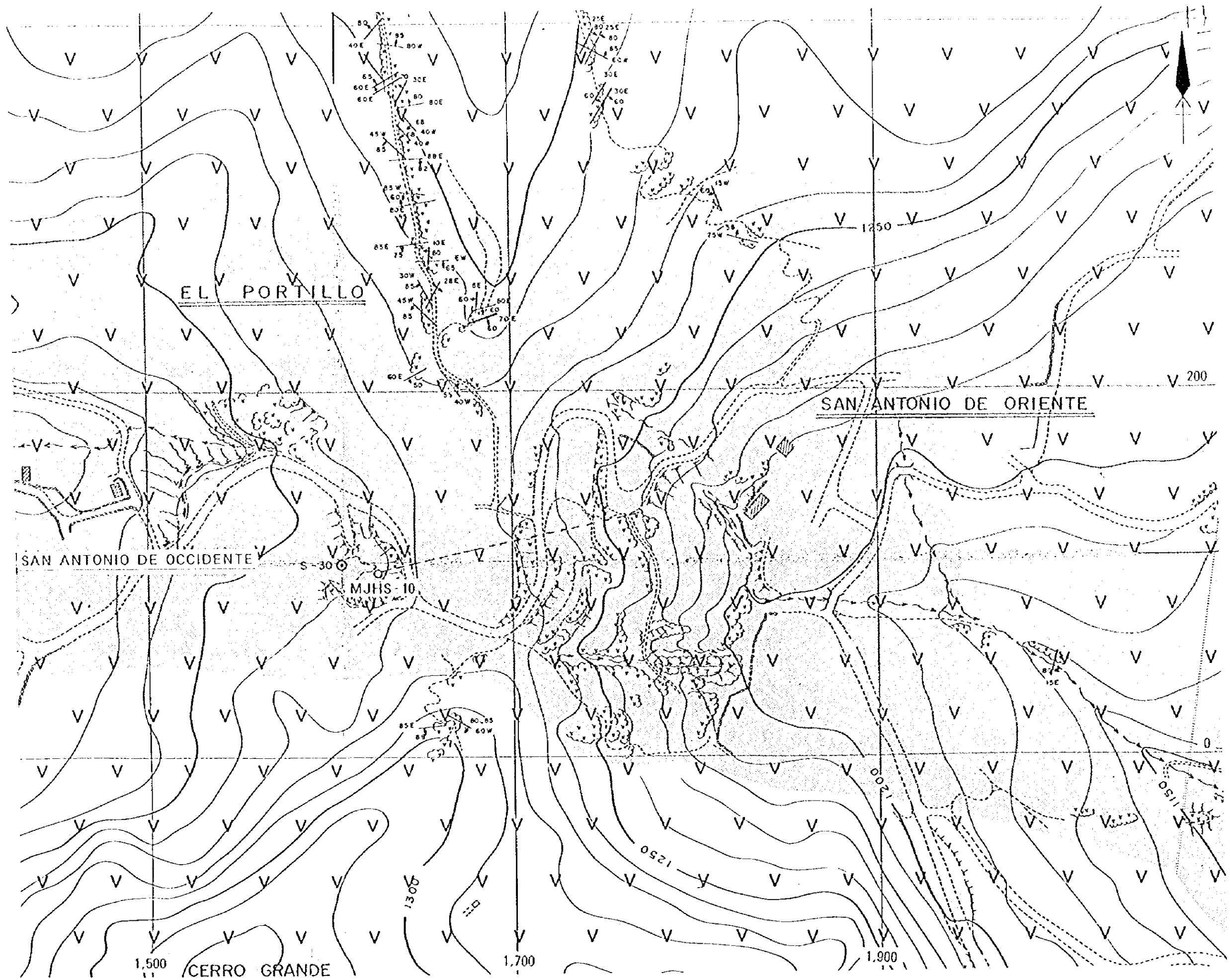


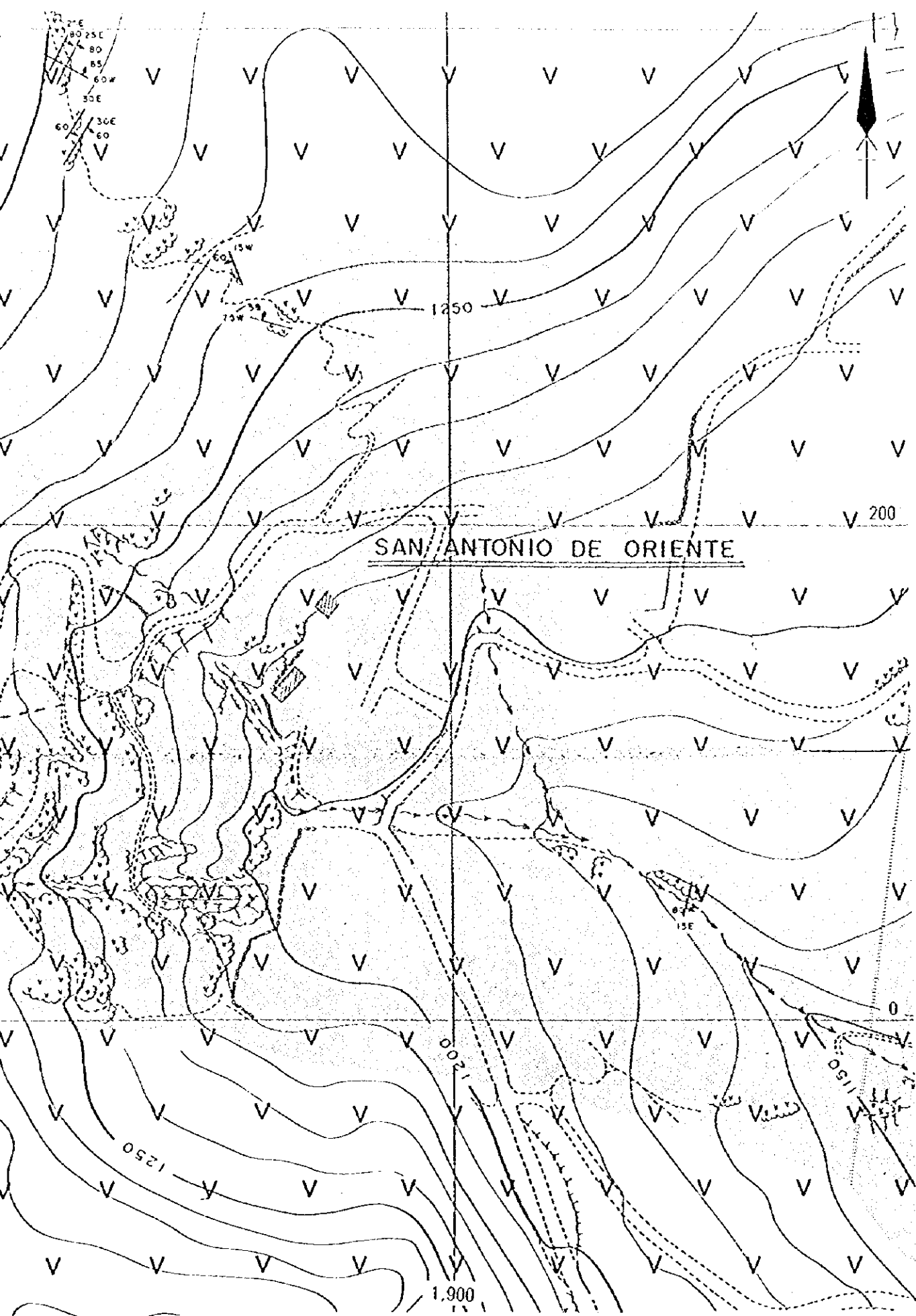
MJHS-2 MJHS-1







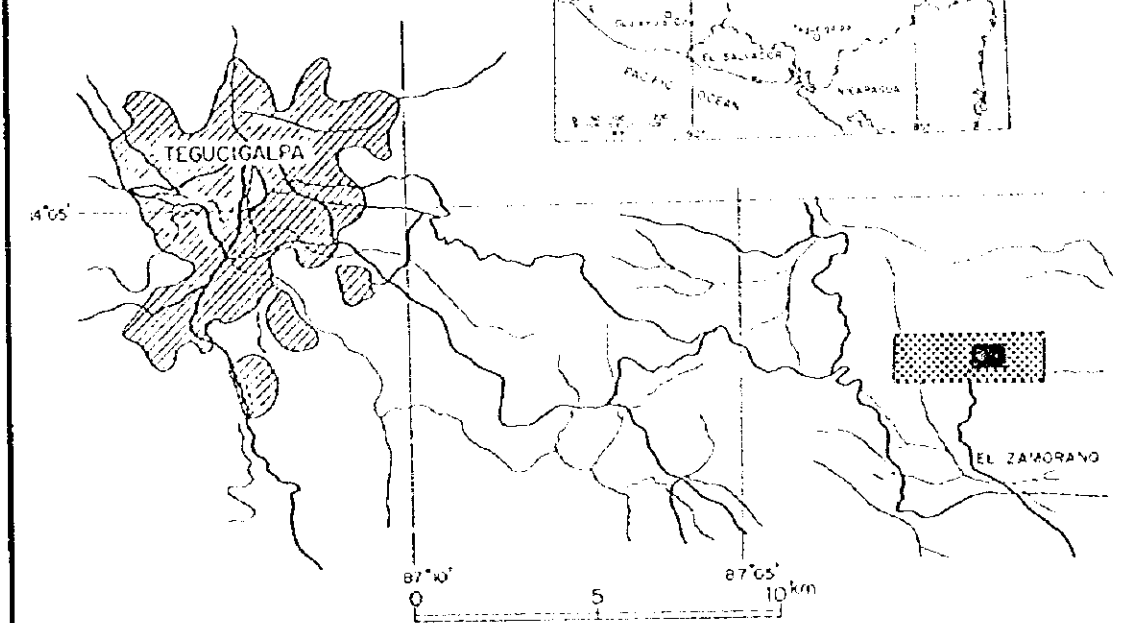
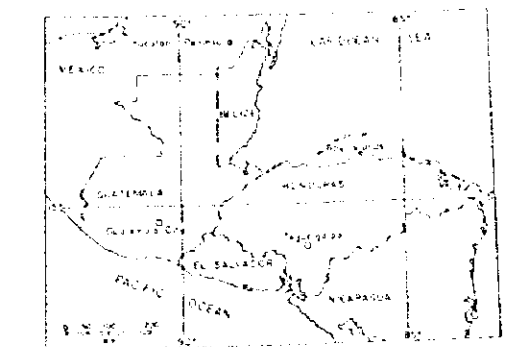




LA EXPLORACION MINERA
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 LA REPUBLICA DE HONDURAS

P L. 3

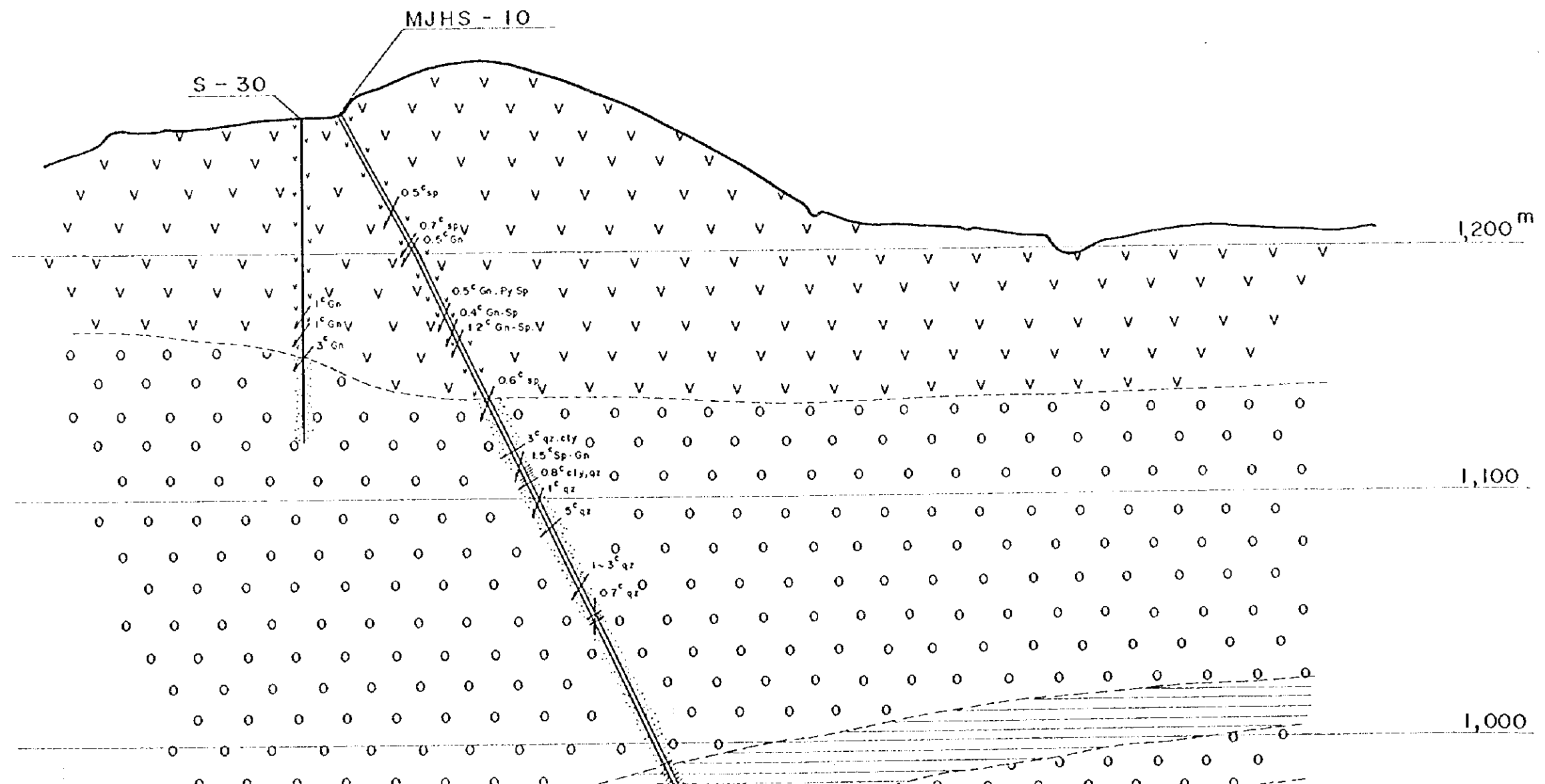
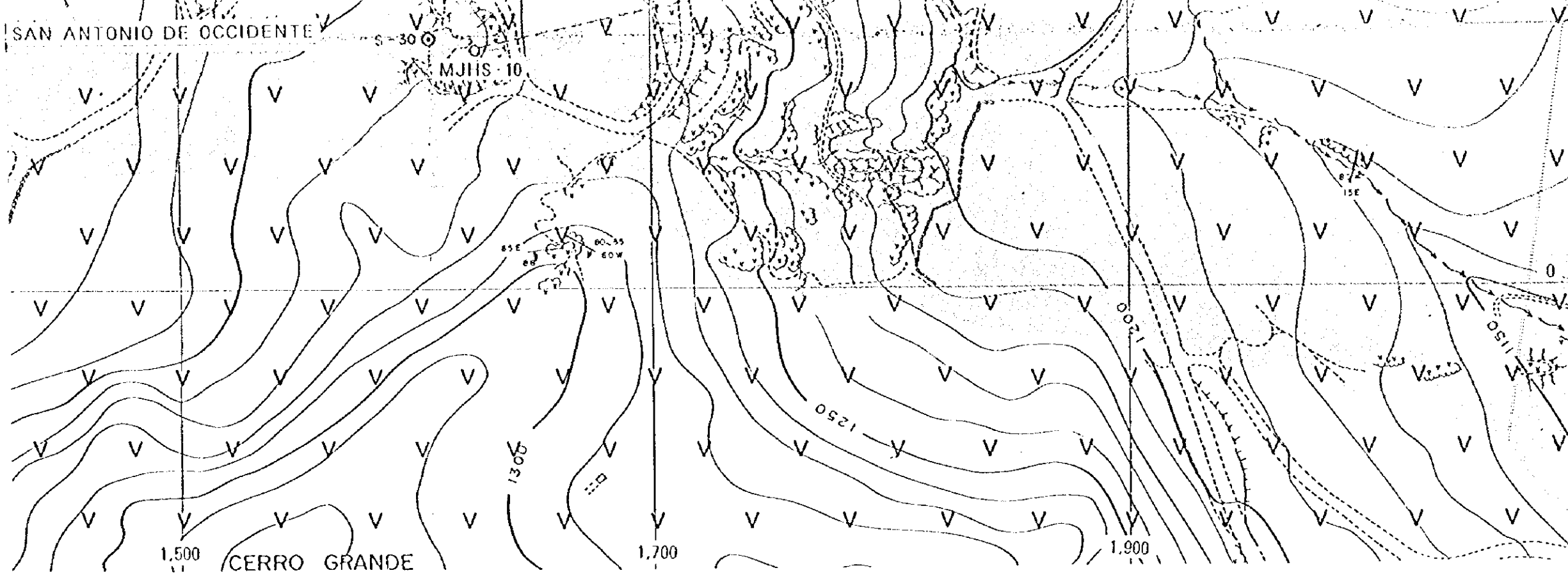
地質平面図・ボーリング地質断面図 (San Antonio de Oriente 地区)
 (1:2,000)

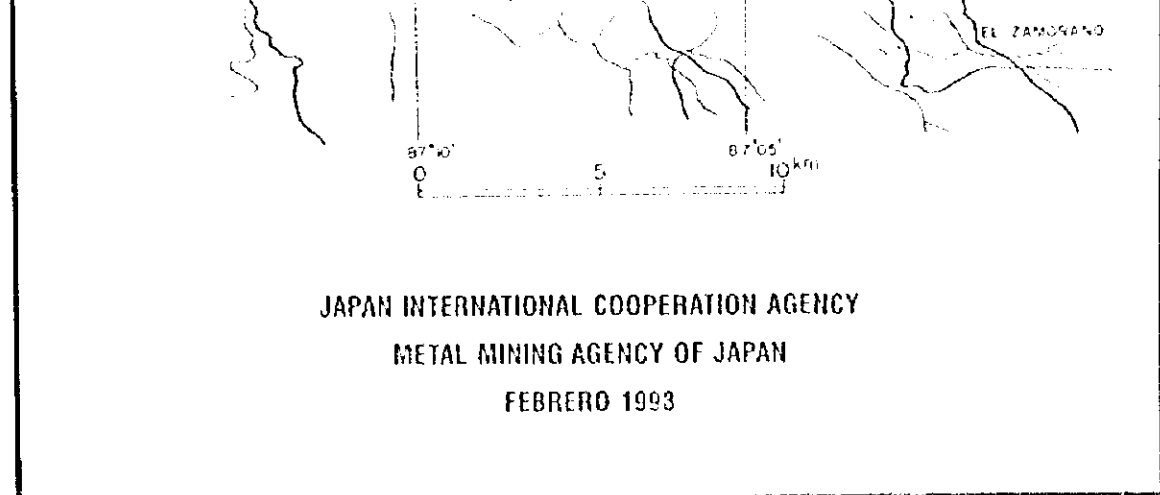
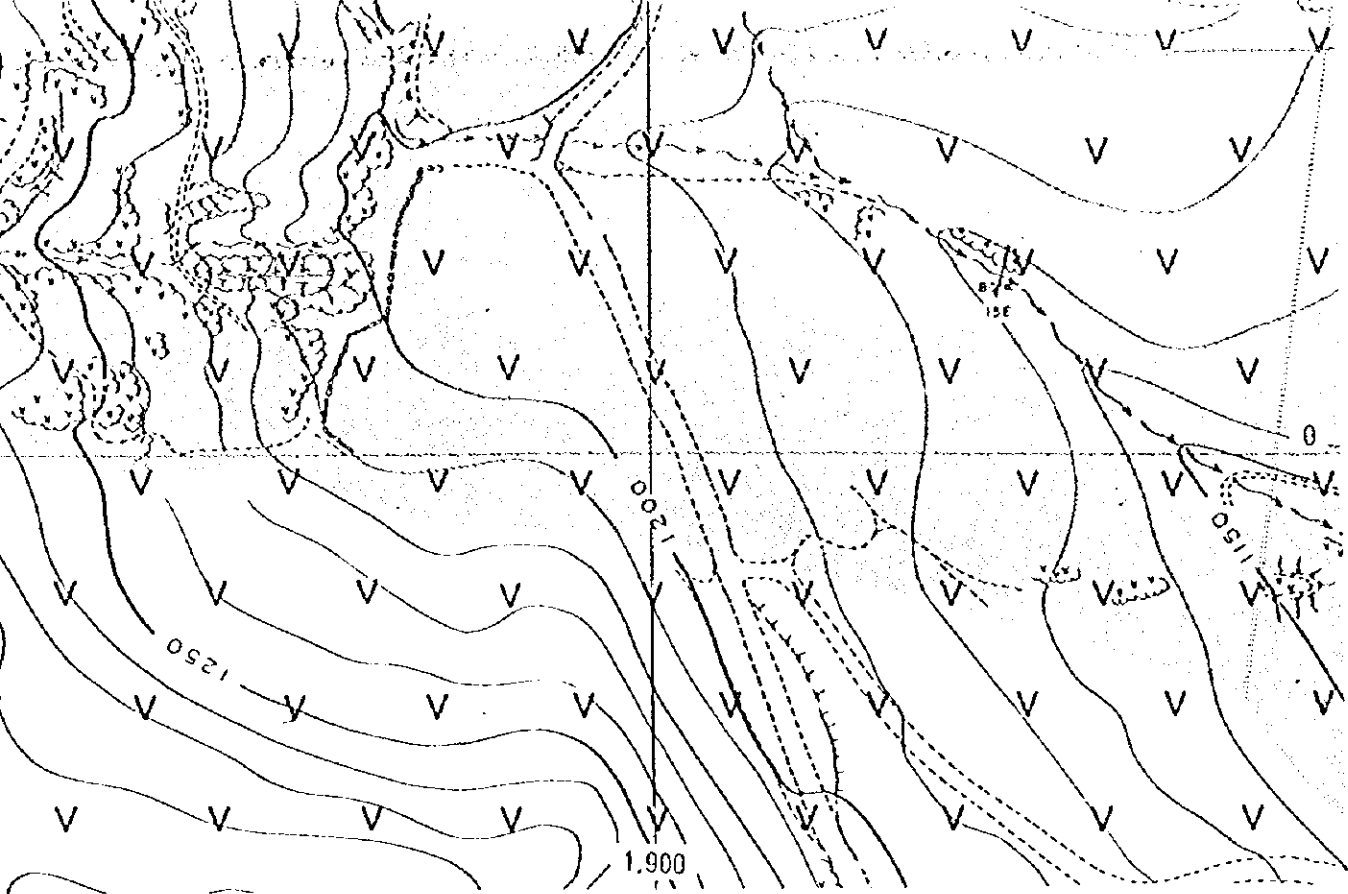


JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1993

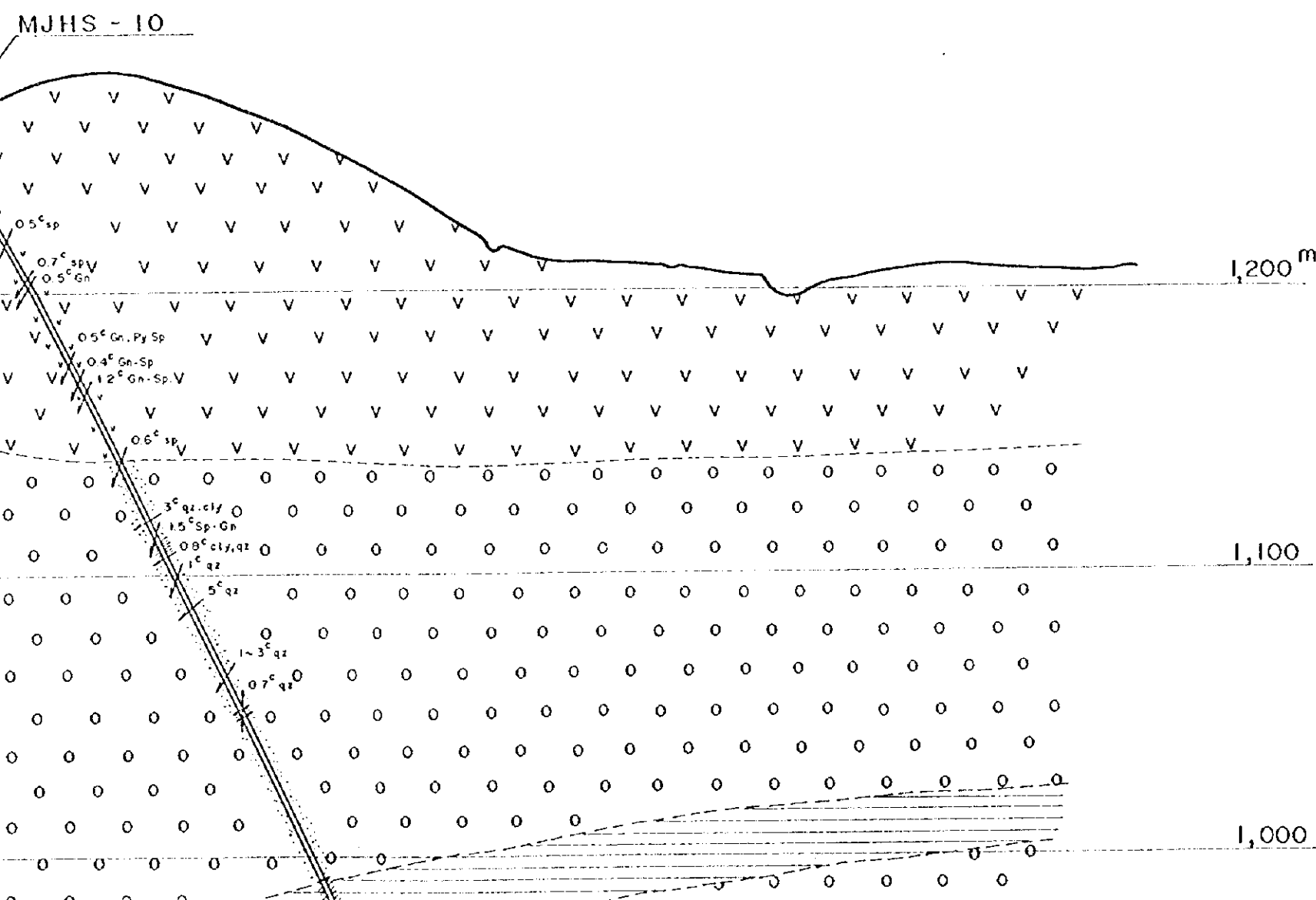
LEYENDA

SAN ANTONIO DE OCCIDENTE





JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1993



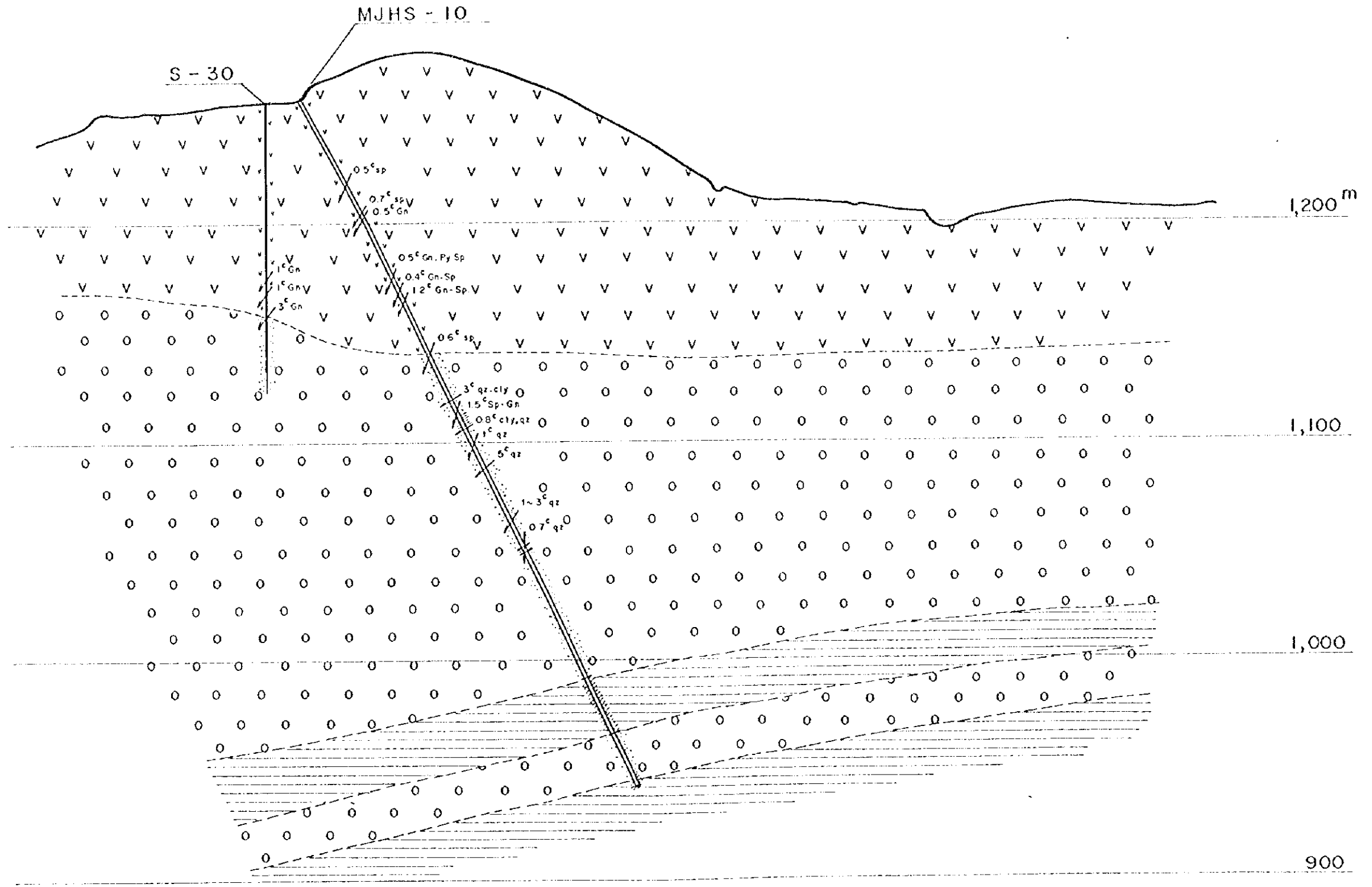
LEYENDA

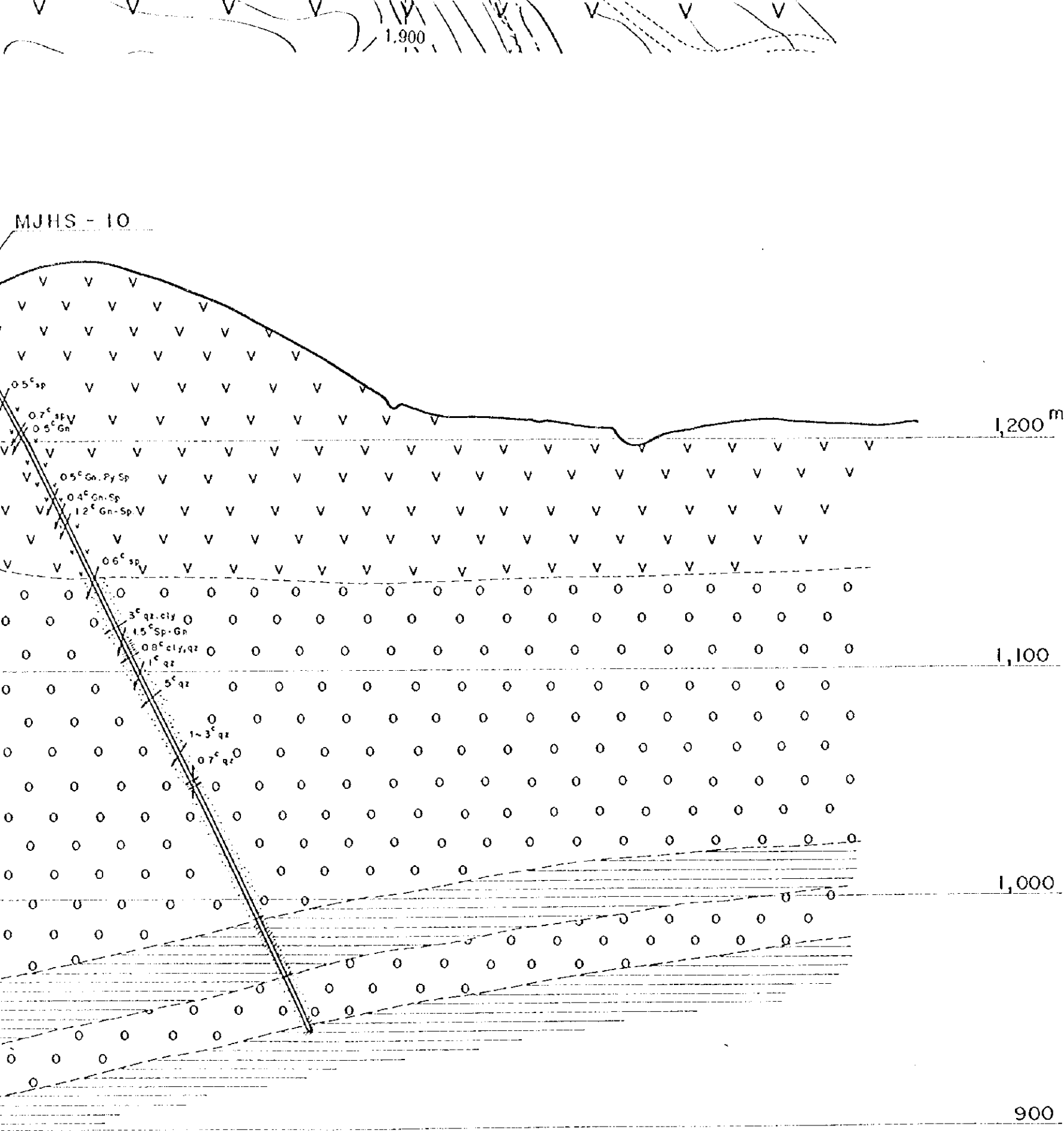
- | | | | |
|------------------|---|---------------------|-------------|
| | ALUVIONES | CUATERNARIO | |
| | IGNIMBRITAS, TOBAS | | |
| | BRECHA TOBACEA, DEPOSITOS FLUVIALES DERRUMBES | G. PADRE MIGUEL | } TERCIARIO |
| | ANDESITAS | F. MATAGALPA | |
| ~ DISCORDANCIA ~ | | | |
| | LUTITAS Y MARGAS | G. VALLE DE ANGELES | } CRETACICO |
| | CONGLOMERADOS Y ARENISCAS | | |
| | LUTITAS CALCAREAS | F. ATIMA | |
| | CALIZAS | | |
| | ZONA MINERALIZADA | | |
| | ZONA ARGILIZADA | | |
| | BRECHA | | |
| | FALLA | | |

1,500 CERRO GRANDE

1,700

1,900

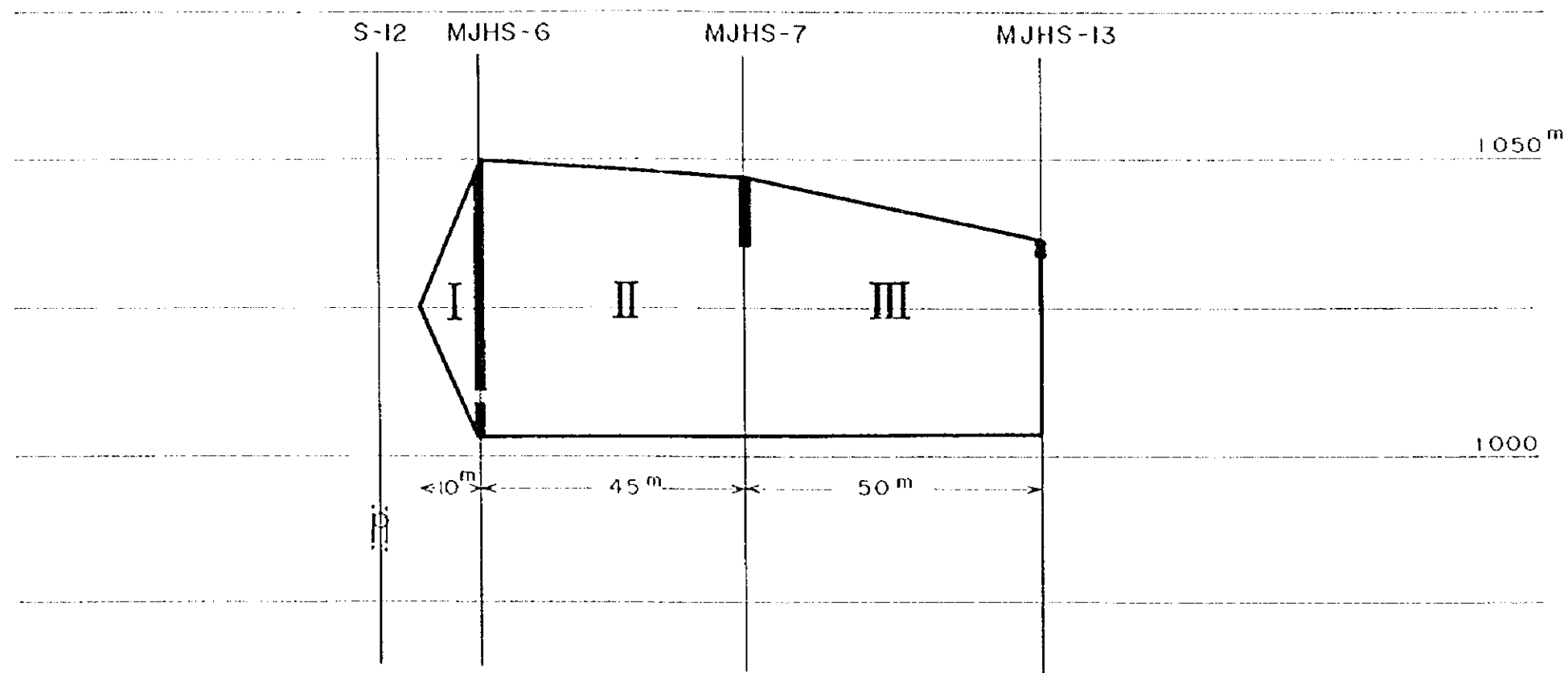




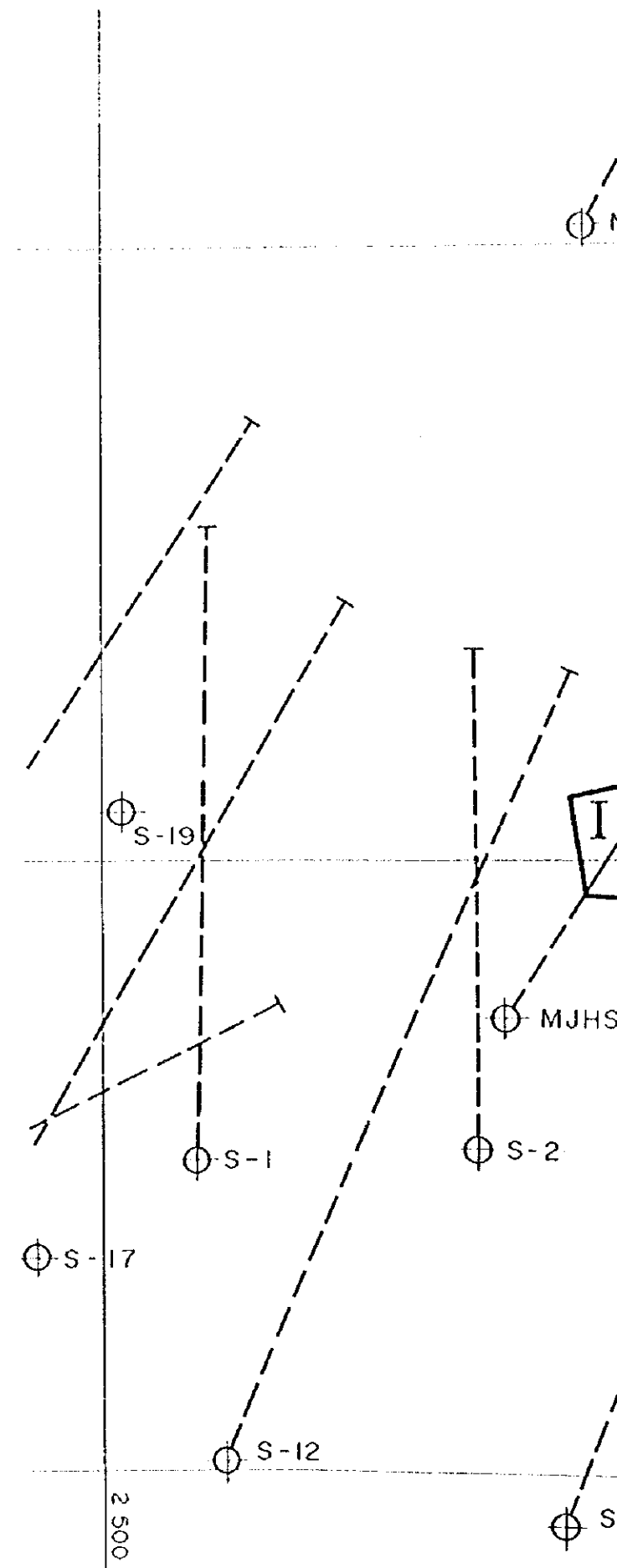
LEYENDA

- | | | | |
|---|---|---------------------|-------------|
| | ALUVIONES | CUATERNARIO | |
| | IGNIMBRITAS, TOBAS | | } Terciario |
| | BRECHA TOBACEA, DEPOSITOS FLUVIALES DERRUMBES | G. PADRE MIGUEL | |
| | ANDESITAS | F. MATAGALPA | |
| ~ | DISCORDANCIA ~ | | |
| | LUTITAS Y MARGAS | G. VALLE DE ANGELES | } Cretacico |
| | CONGLOMERADOS Y ARENISCAS | | |
| | LUTITAS CALCAREAS | F. ATIMA | |
| | CALIZAS | | |
| | ZONA MINERALIZADA | | |
| | ZONA ARGILIZADA | | |
| | BRECHA | | |
| | FALLA | | |
| | FALLA PROBABLE | | |
| | ANGULO DE VETILLAS Y VENILLAS | | |





Perfil longitudinal



-13

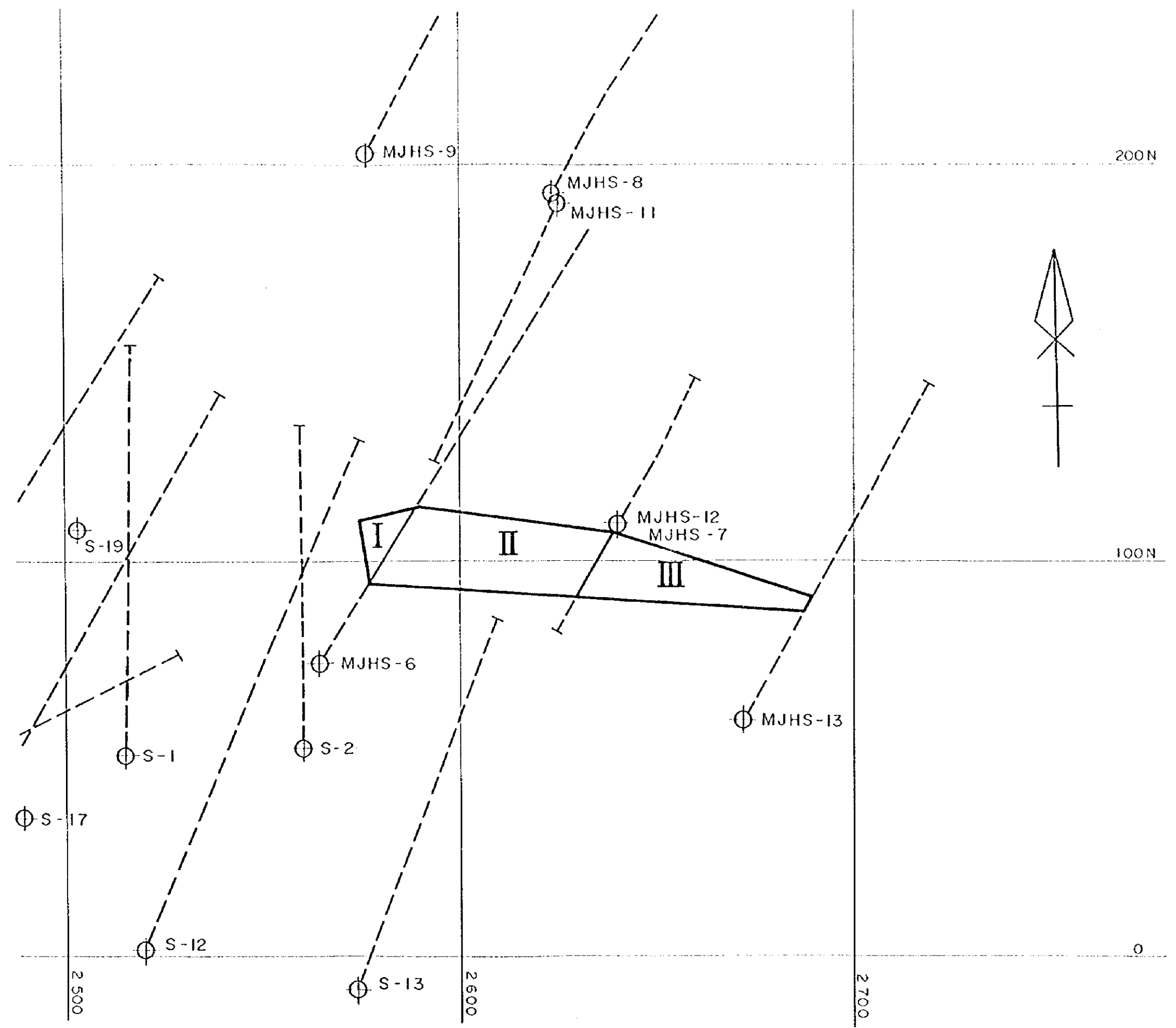
1050^m

1000

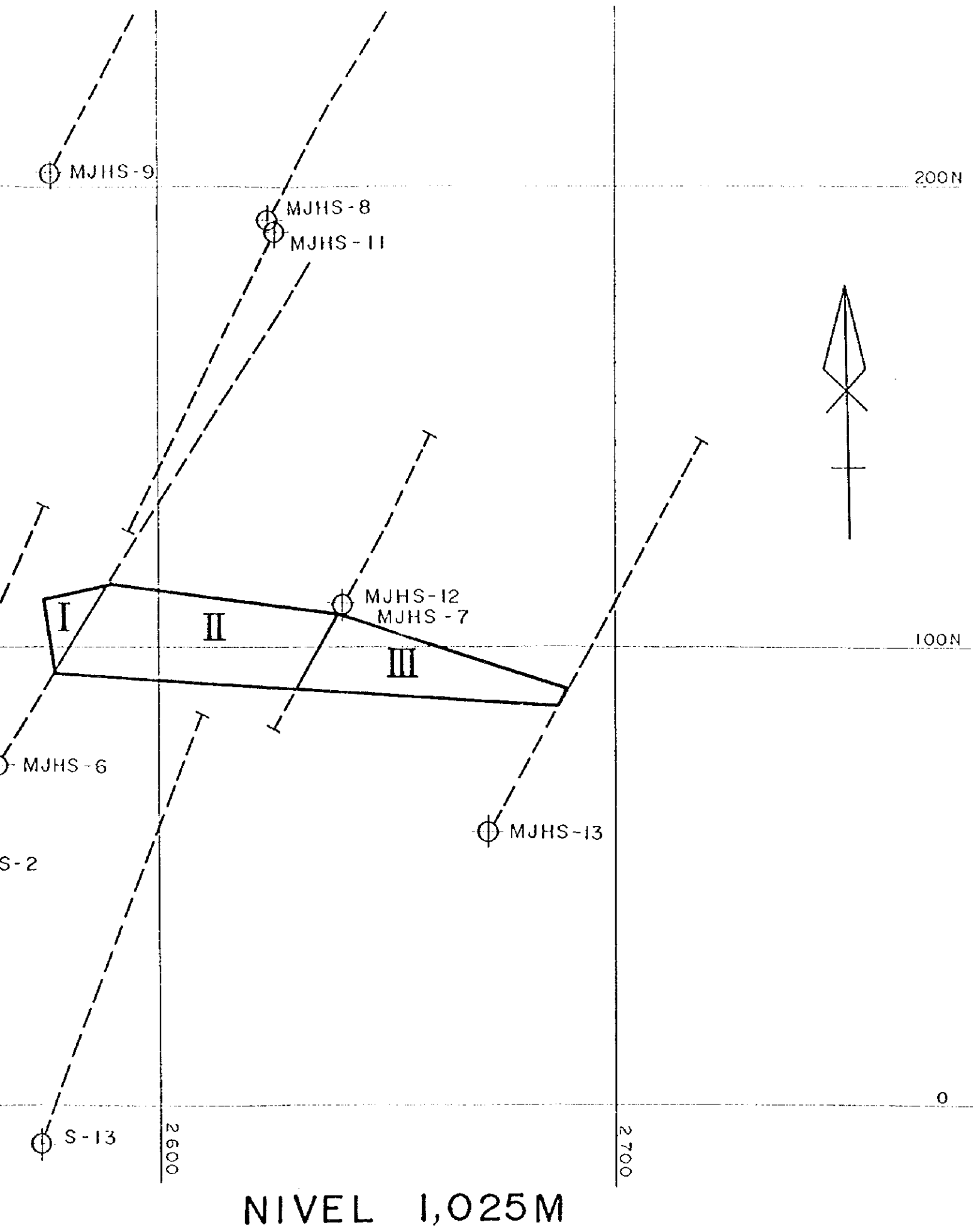
200N

100N

0



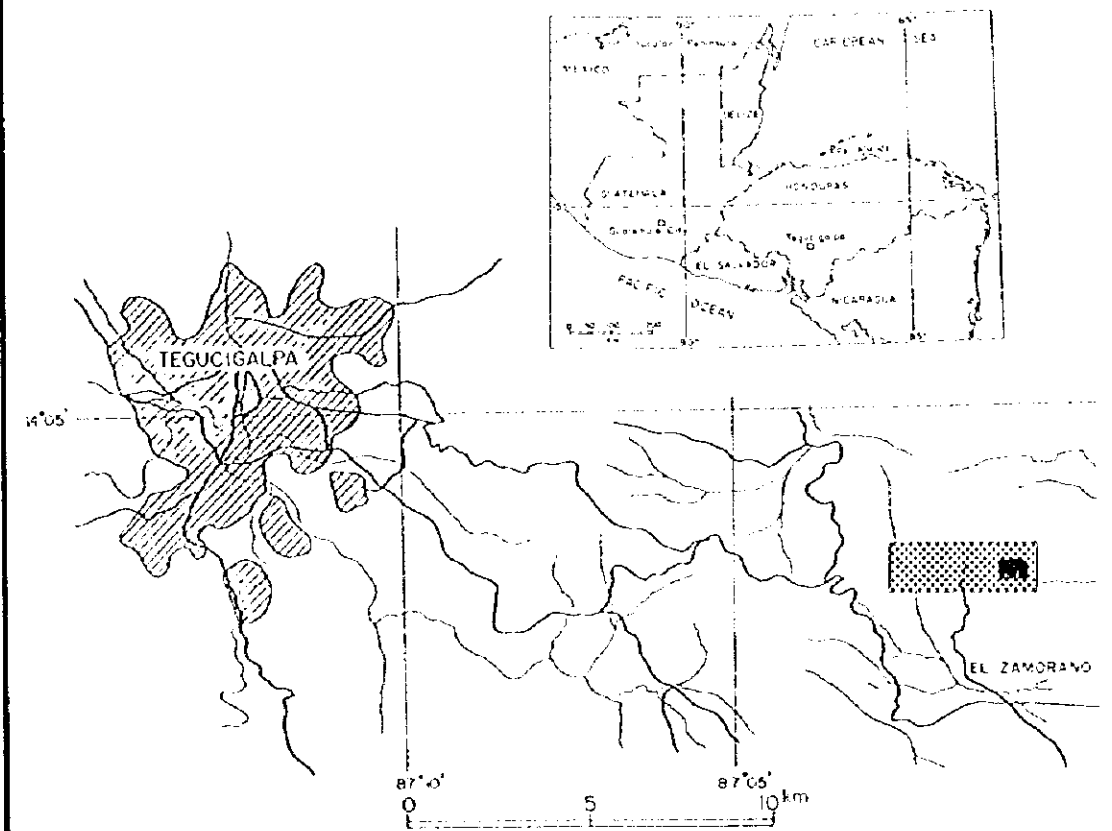
NIVEL 1,025M



LA EXPLORACION MINERA
 EN
 EL AREA DE SAN ANTONIO
 LA REPUBLICA DE HONDURAS

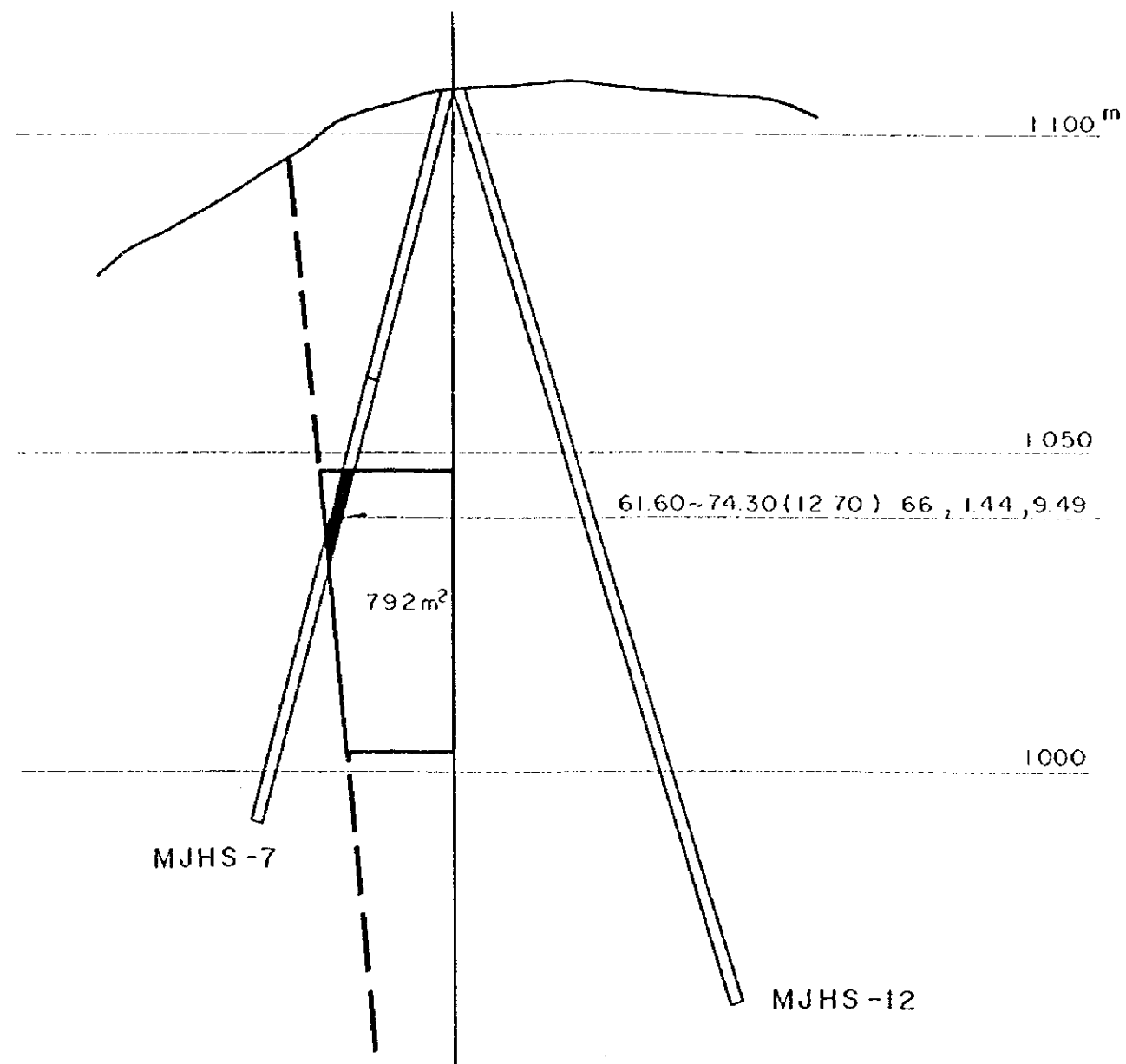
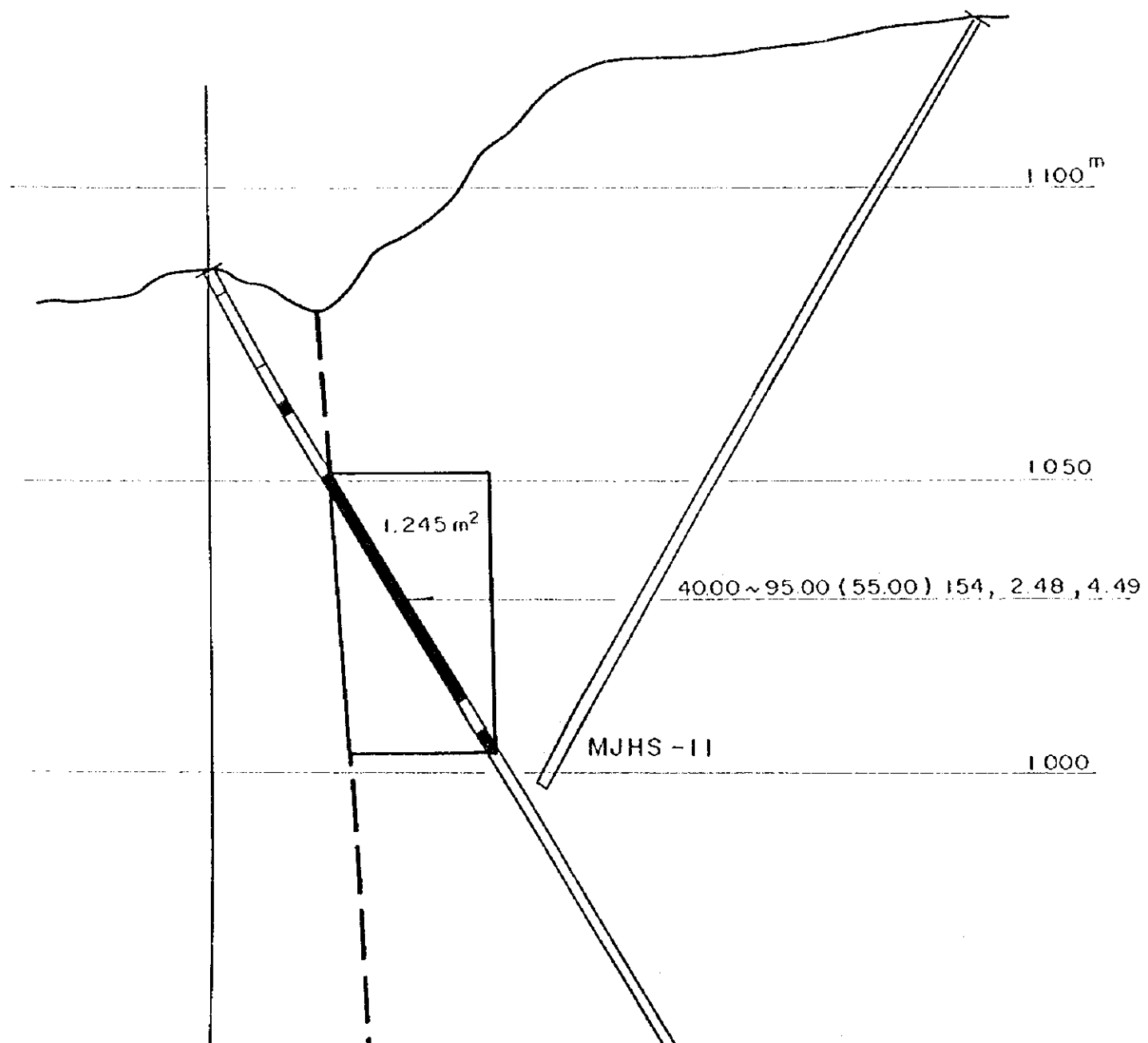
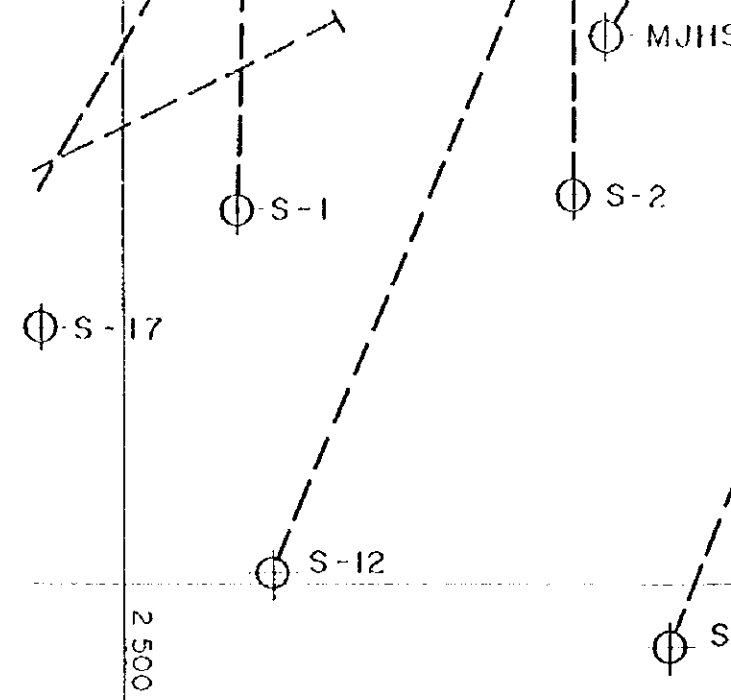
PL. 4

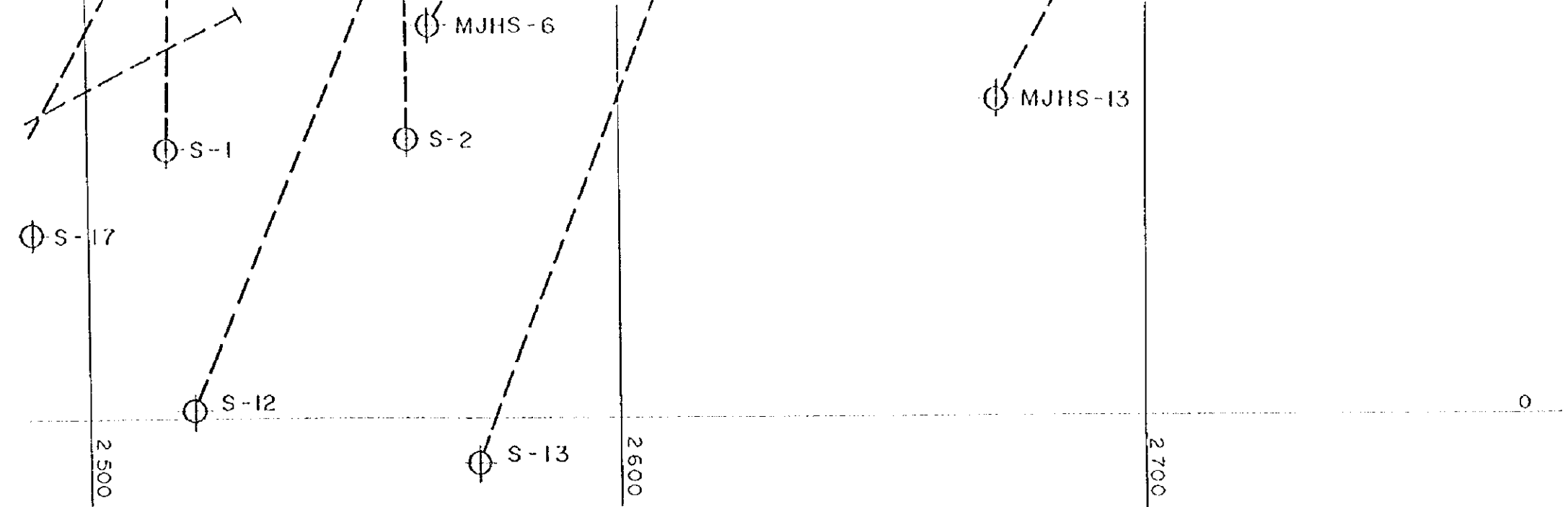
鈦量計算図(1:1,000)



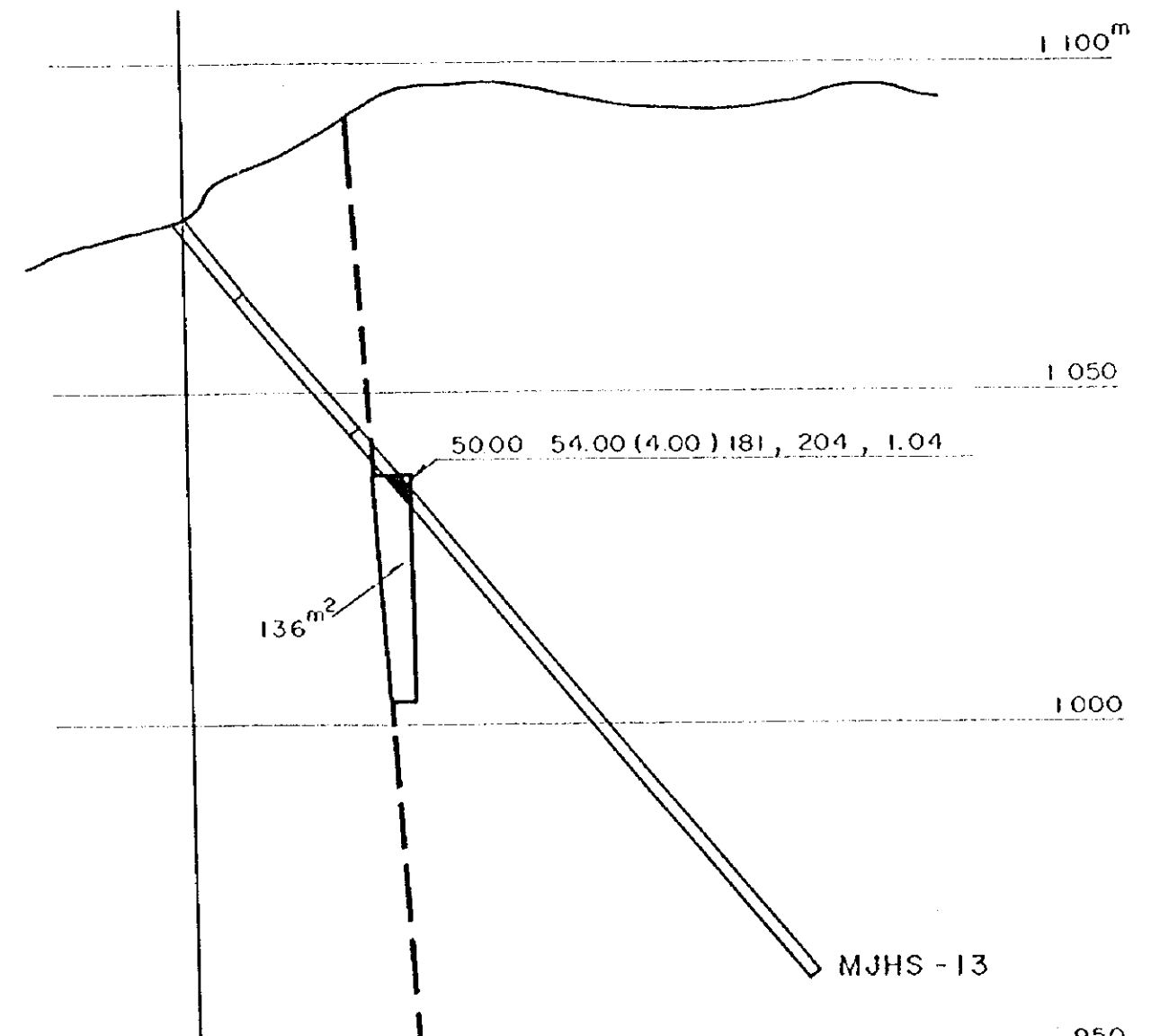
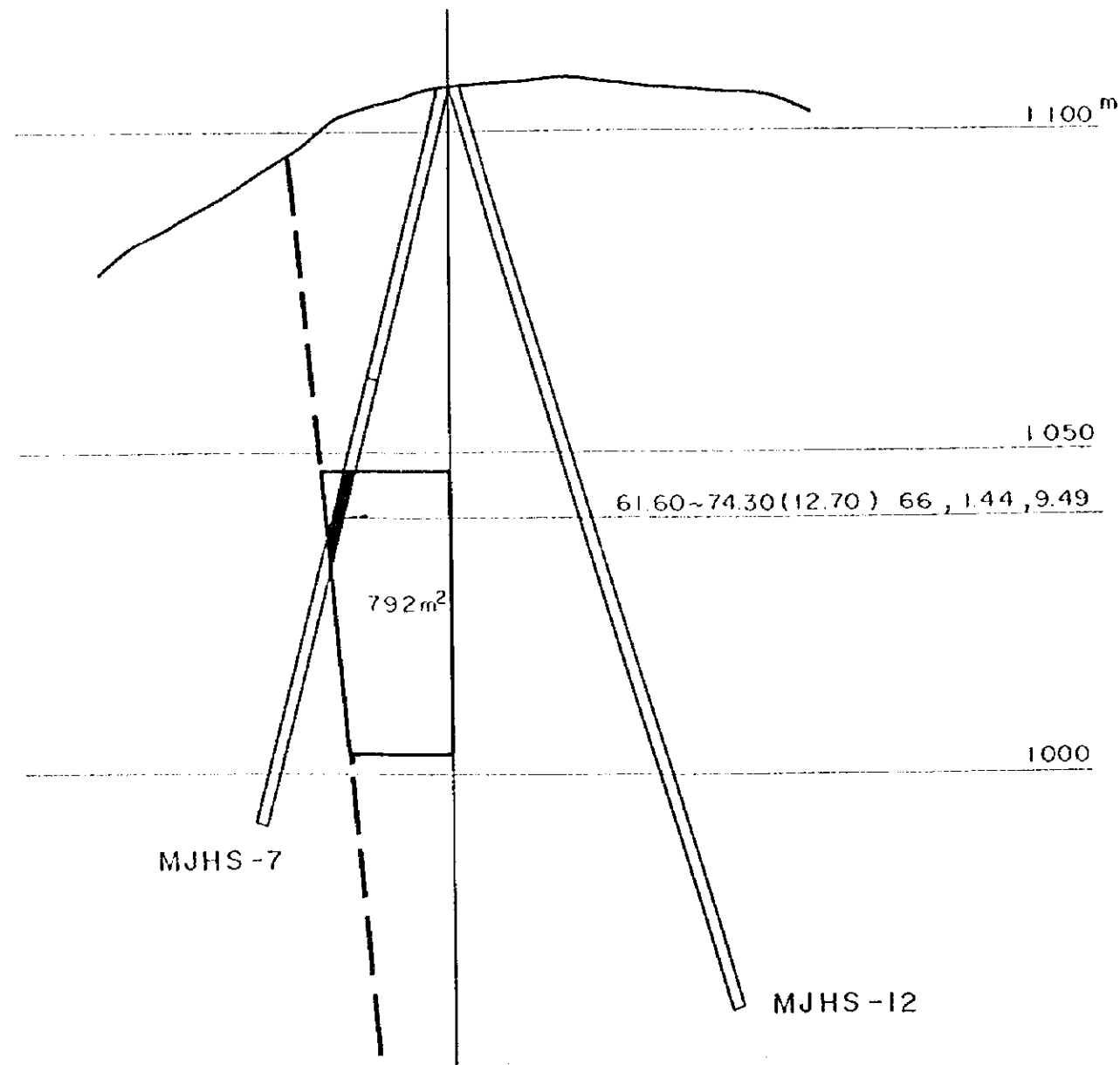
JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1998

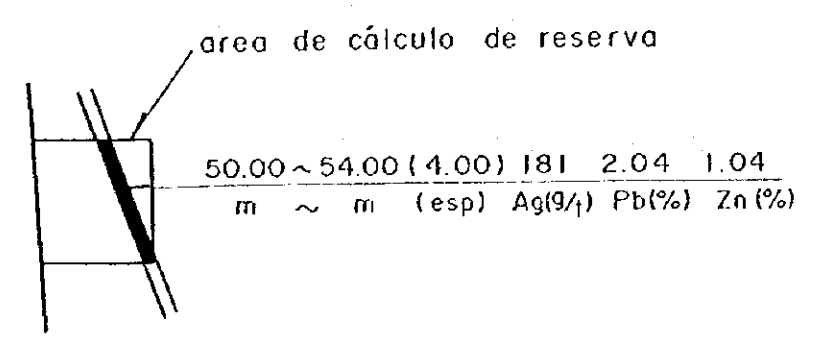
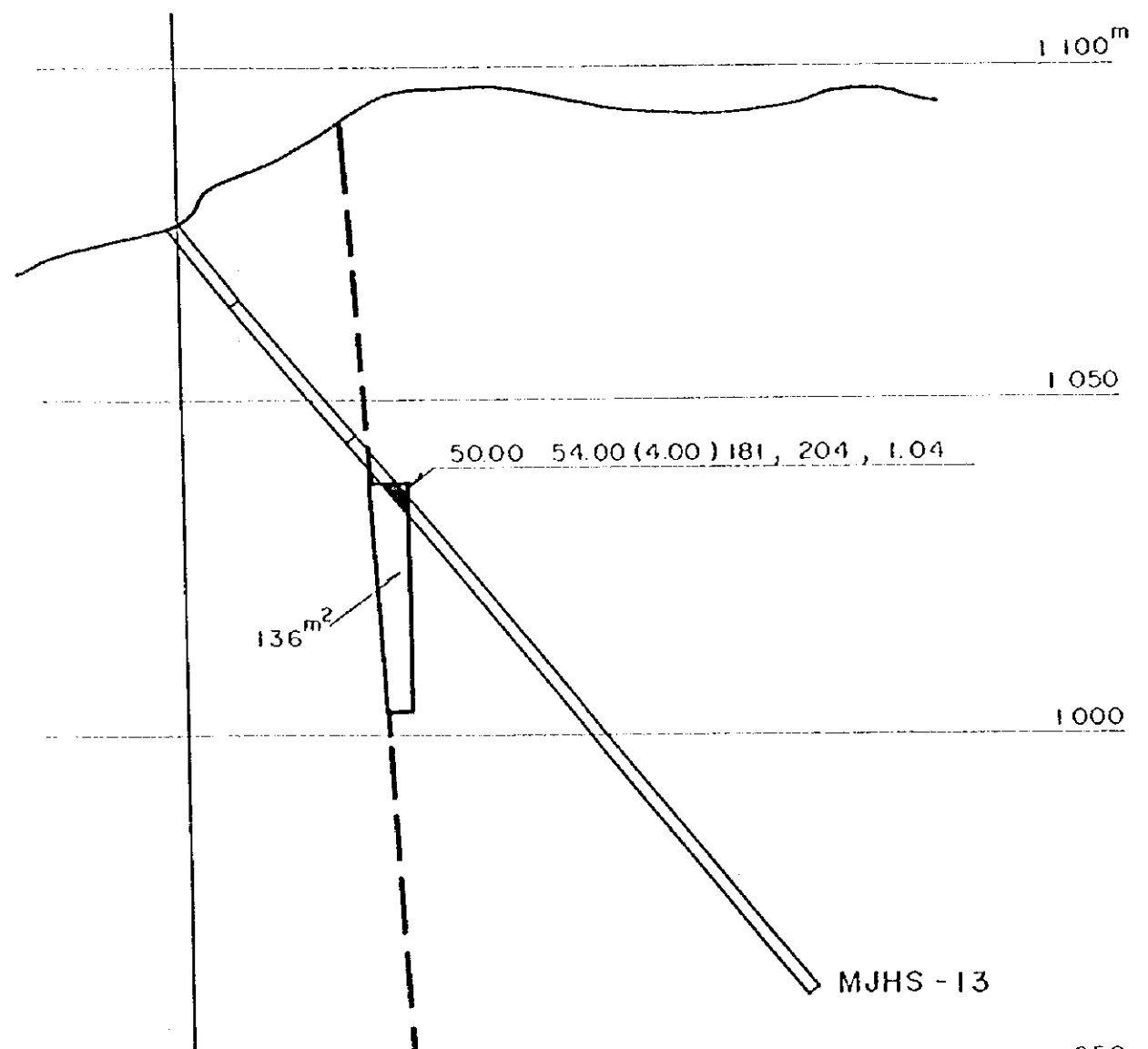
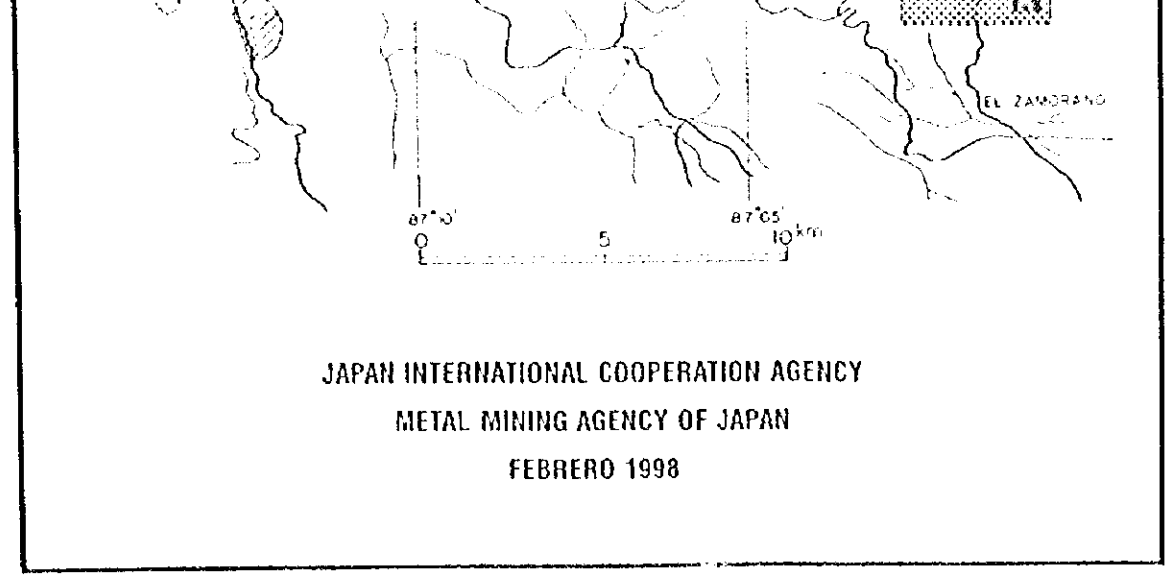
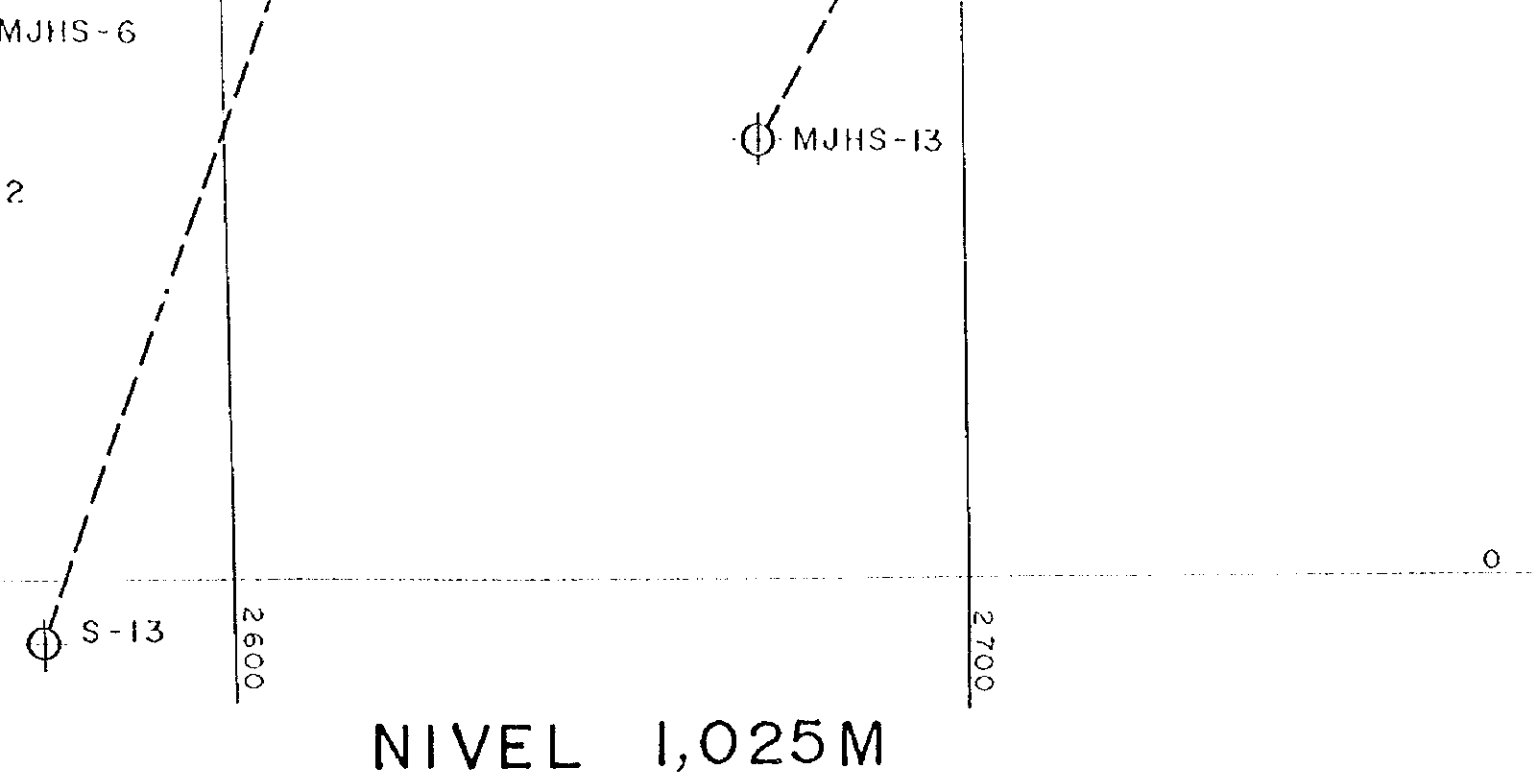
Perfil longitudinal

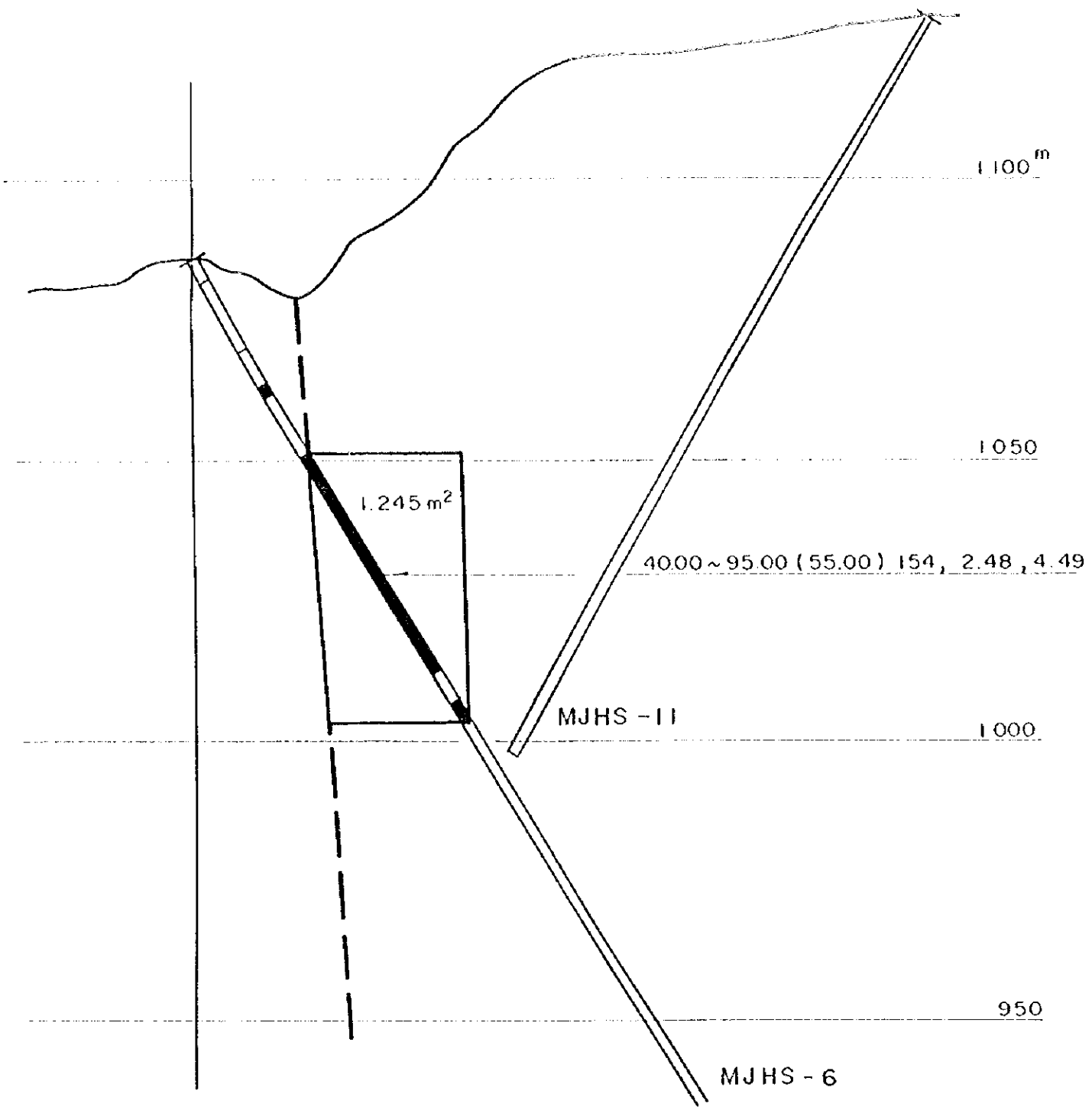




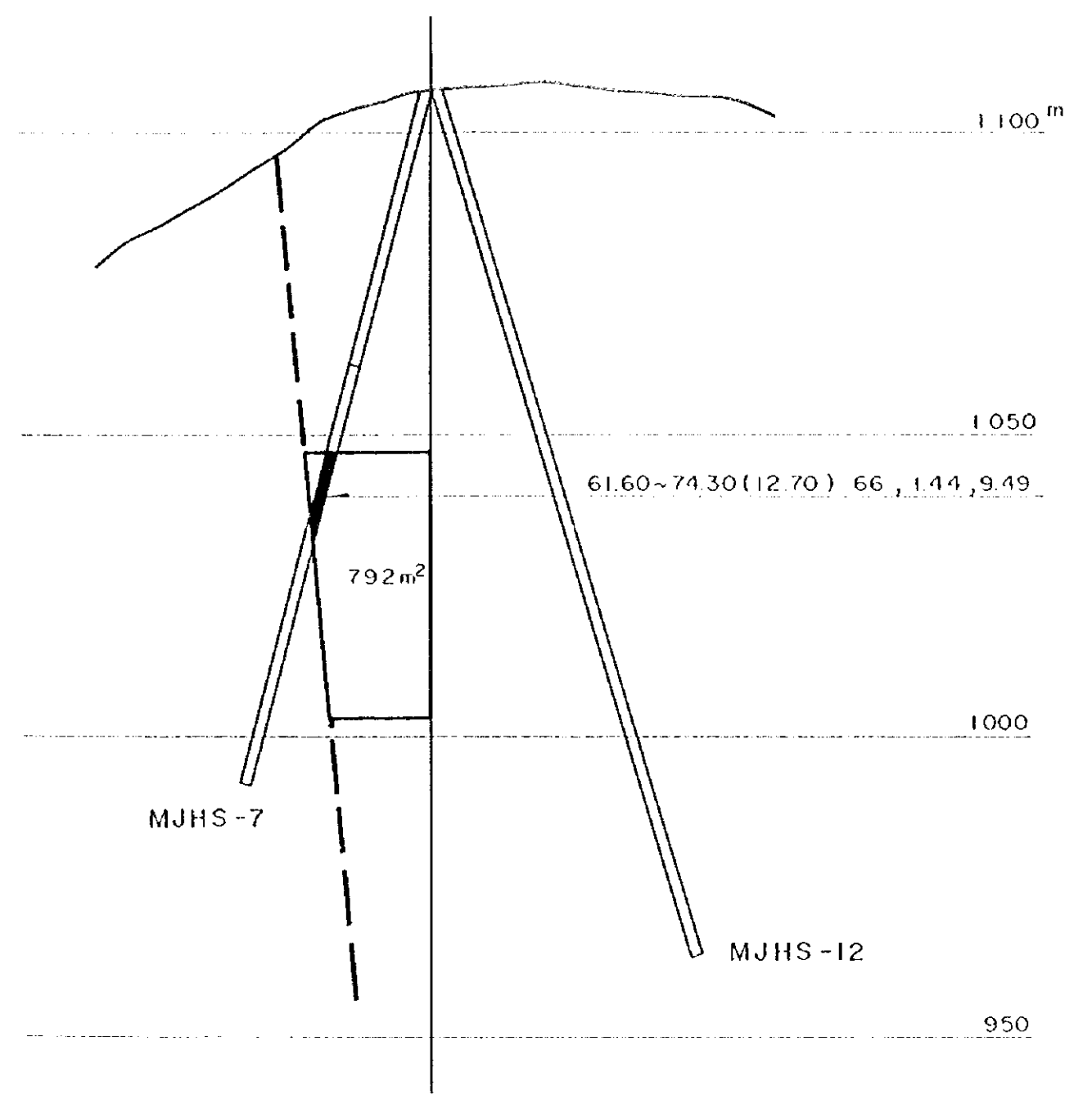
NIVEL 1,025M



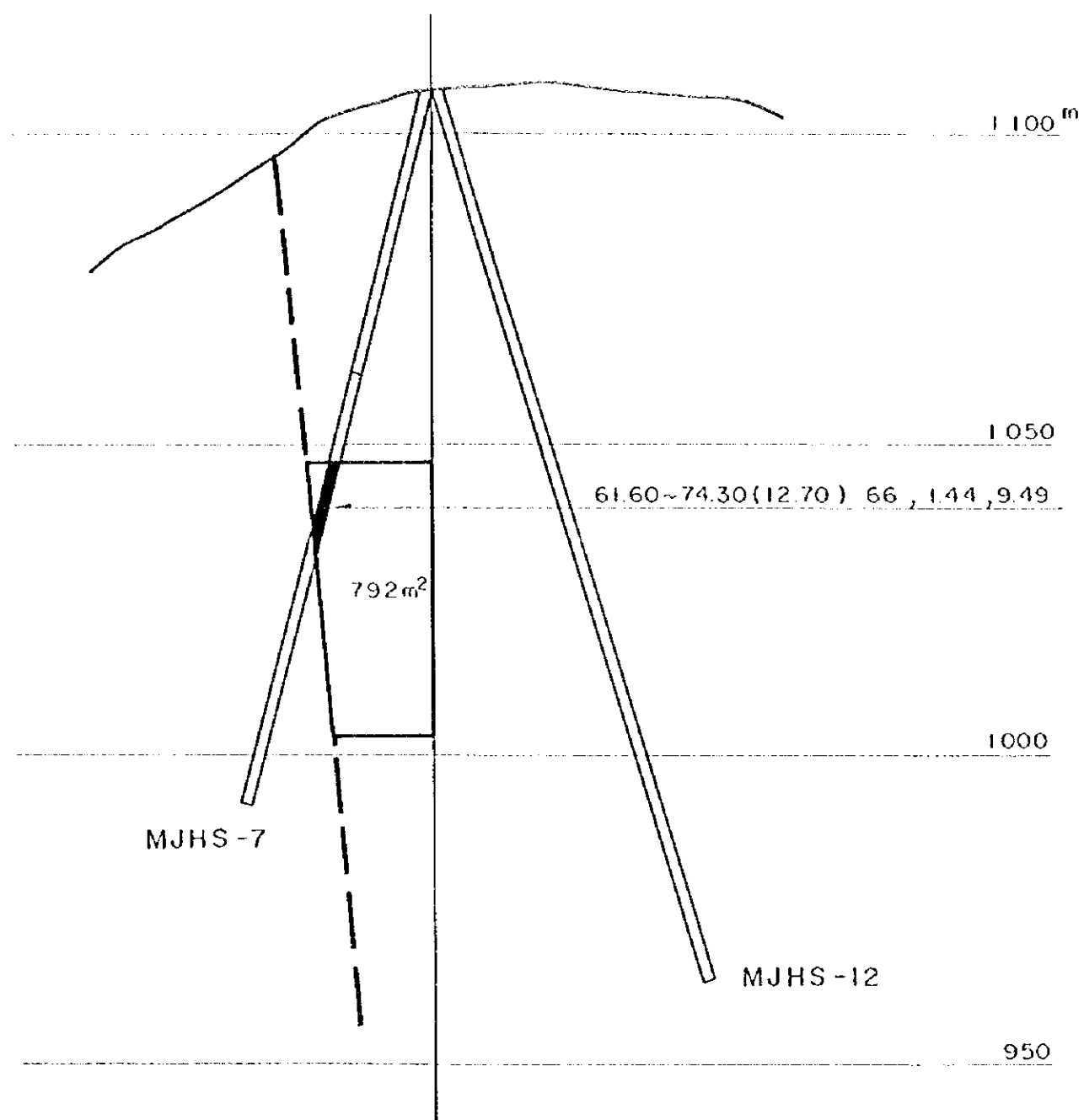




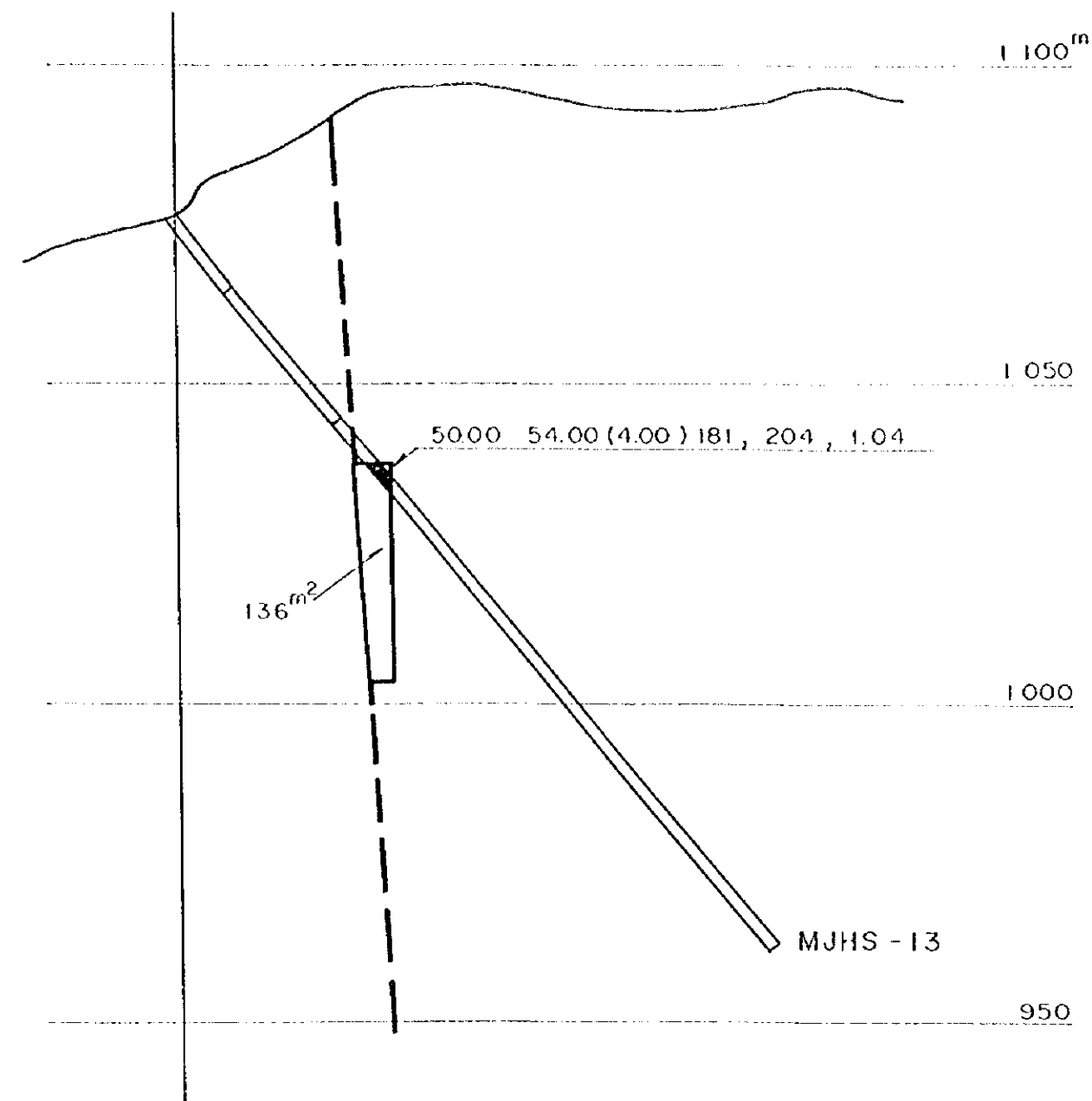
Perfil de MJHS - 6



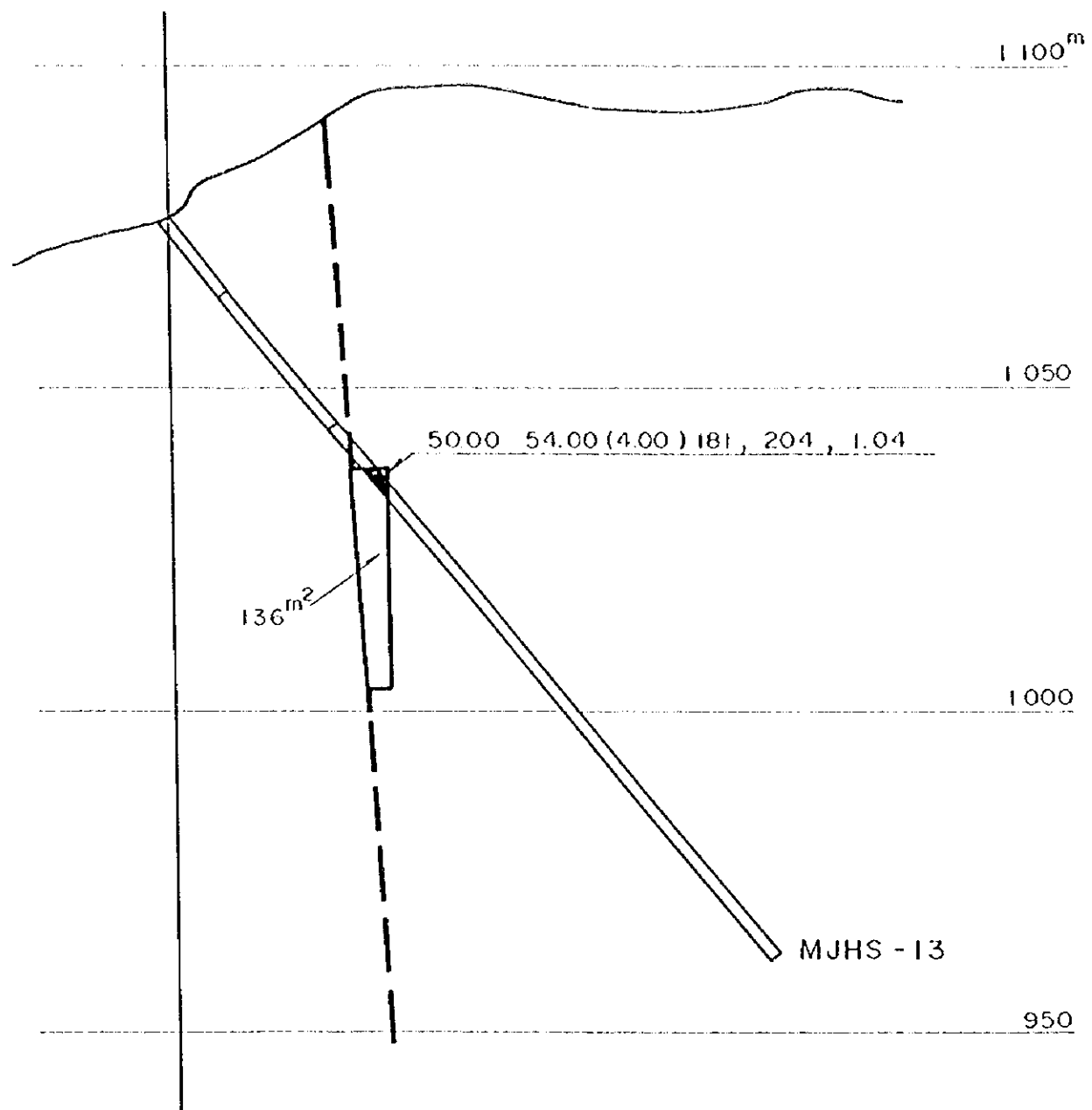
Perfil de MJHS - 7



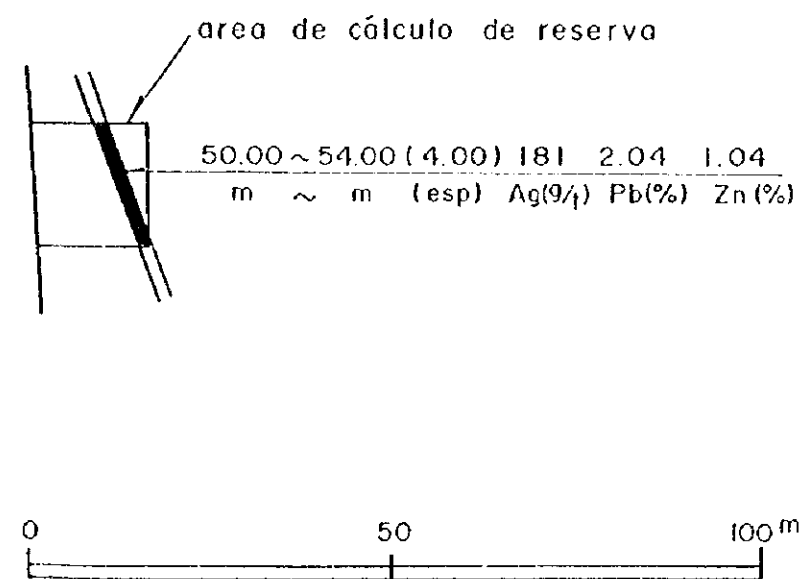
Perfil de MJHS - 7

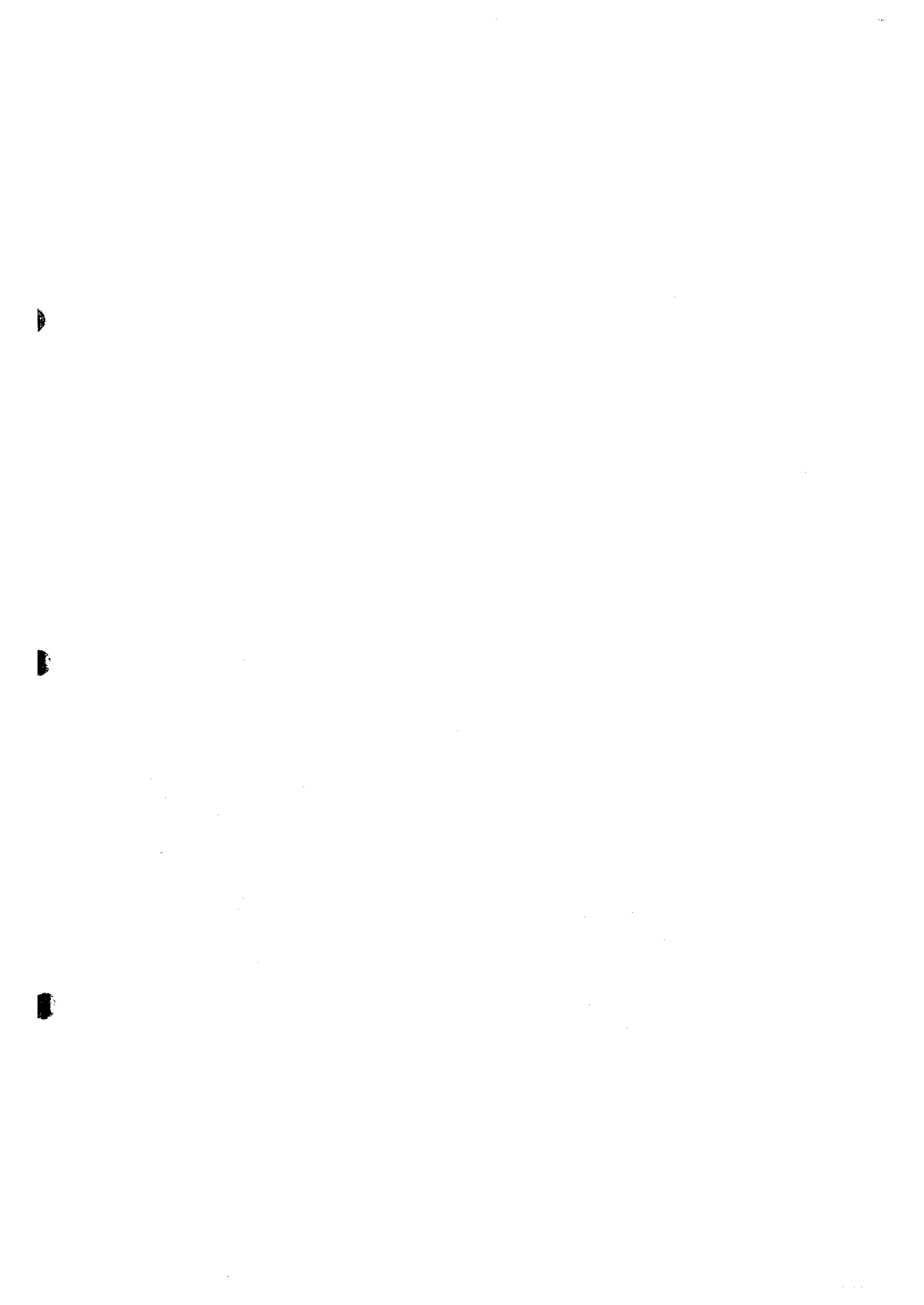


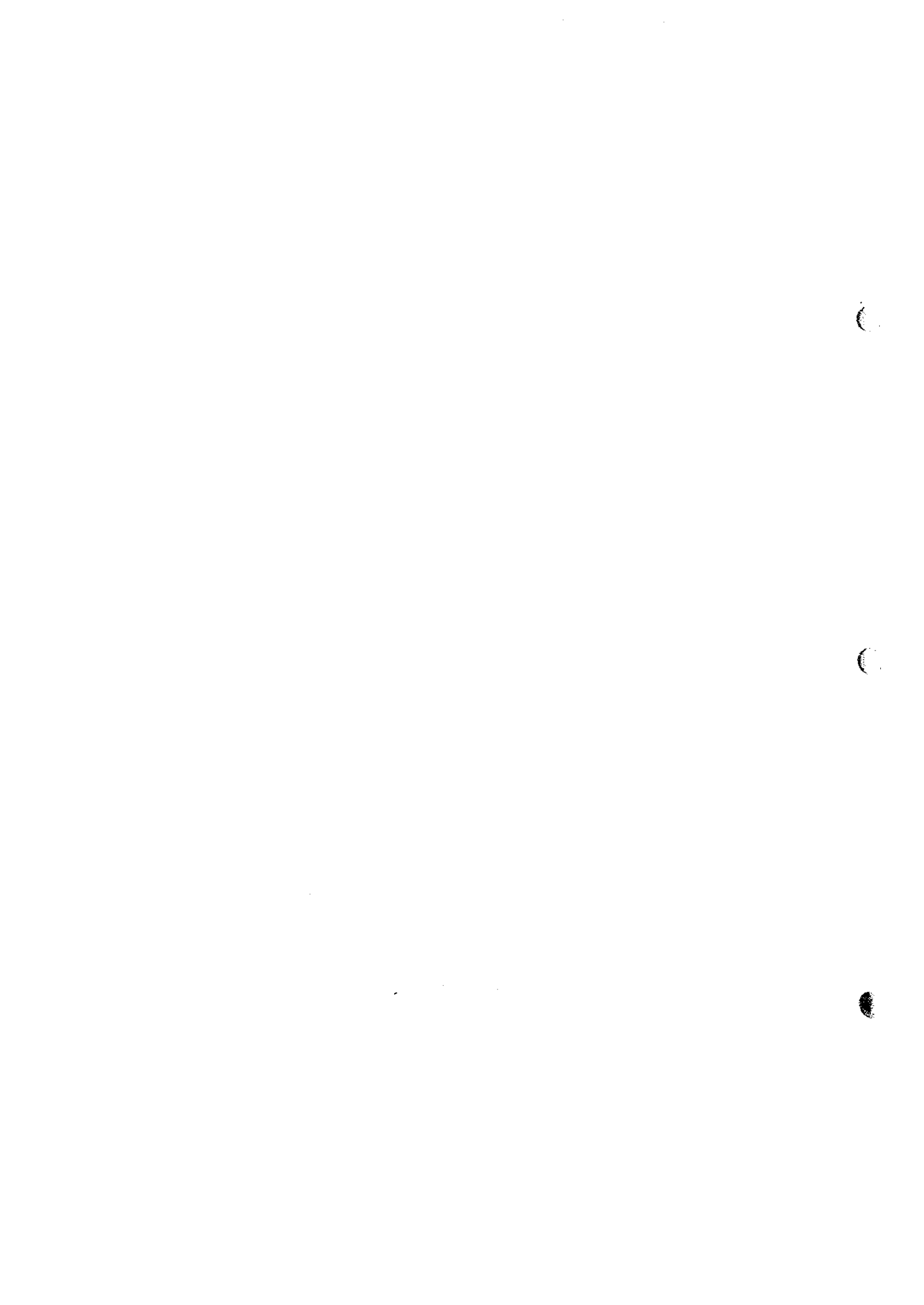
Perfil de MJHS - 13



Perfil de MJHS - 13







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