
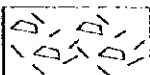
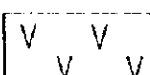
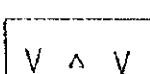
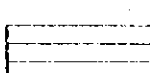
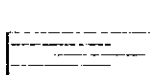
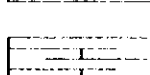
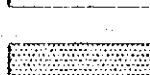
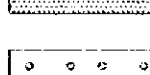
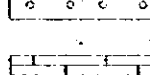
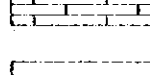
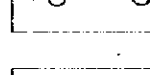
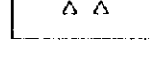

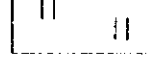
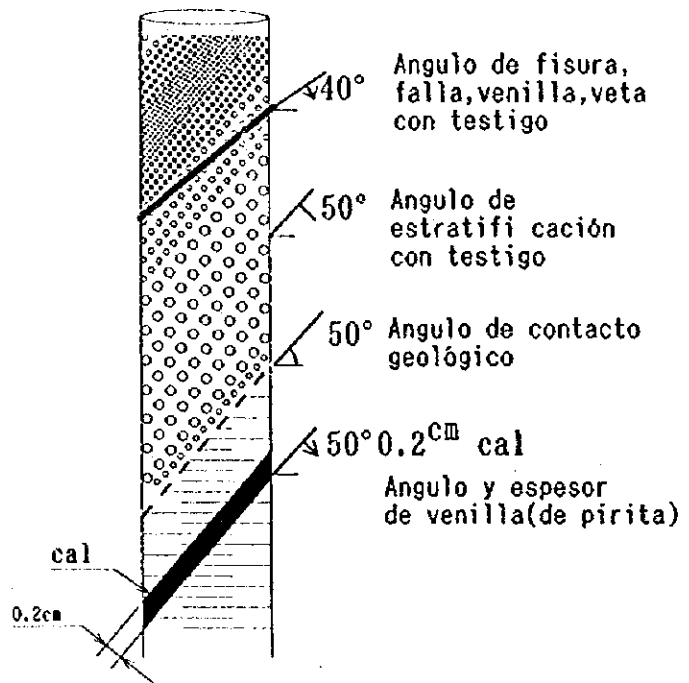


- AP. 15-1 Columna de perforación (MJHS-6)
- AP. 15-2 Columna de perforación (MJHS-7)
- AP. 15-3 Columna de perforación (MJHS-8)
- AP. 15-4 Columna de perforación (MJHS-9)
- AP. 15-5 Columna de perforación (MJHS-10)
- AP. 15-6 Columna de perforación (MJHS-11)
- AP. 15-7 Columna de perforación (MJHS-12)
- AP. 15-8 Columna de perforación (MJHS-13)

DESCRIPCION GEOLOGICA DE POZO


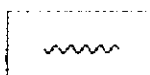
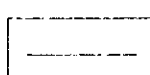
LEYENDA

	Sin testigo
	Terraza fluvial
	Tobas
	Brecha tobacea
	Limo lita
	Lutita o Marga
	Lutita calcárea
	Arenisca
	Conglomerado
	Caliza
	Zona fracturada
	brecha
	fosil
	Carbonitización
	silicificación



abreviacion

py	: pirita
asp	: arsenopirita
sp	: esfalerita
cp	: calcopirita
gn	: galena
hem	: hematita
cal	: calcita
qz	: cuarzo
gyp	: yeso
cly	: arcilla
bx	: brecha

	Contacto concordancia
	Contacto discordancia
	Contacto con fisura



SAN ANTONIO PROYECTO M J H S - 6

CORDENADAS: X: 2,565E
Y: 74N
Z: 1,886m

RUMBO : 30°
INCLINACION : -60°
LONGITUD : 250 03m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESPESES m	Au (ppb)	Ag (g)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
0		suelo													
4.50		brecha tobaca													
10		"													
18.90		marga amarilla-rosada (limonitizada) (part brechada)													
22.60		negra (blanda)	poca py imp sp.	22.6	1.40	<5	2	0.01	0.03	0.40	18.97	4.78	0.18	<0.01	<0.01
27.50		f: fract	poca py sp imp (Zn: 1-2%)	24.0	2.00	290	17	0.01	0.14	1.36	21.32	7.60	0.28	0.01	<0.01
27.50		lutita gris oscura dura	muy poca py imp	25.0	2.00	<5	17	0.01	0.16	3.42	16.41	9.16	0.06	0.01	<0.01
30		marga negra fract	mod py imp	28.0	2.00	<5	32	0.02	0.09	0.44	24.63	11.50	0.40	0.01	<0.01
30		"	abund py	30.0	2.00	<5	49	0.03	0.14	0.29	30.45	18.30	0.94	0.01	<0.01
30		"	"	32.0	2.00	120	30	0.04	0.19	0.23	24.46	11.10	0.56	0.03	<0.01
30		"	rodonita	34.0	2.00	105	10	0.02	0.06	0.27	26.03	5.47	0.16	0.02	<0.01
30		"	hem rodonita	36.0	2.00	10	14	0.01	0.13	0.79	25.17	5.03	0.13	0.01	<0.01
30		"	gn imp	38.0	2.00	30	51	0.02	0.20	0.50	26.81	10.40	0.65	0.03	<0.01
30		argilizada?	abund py. (sp)	40.0											
30		con arcilla	20 py conc	40.0	4.20	555	228	0.06	0.79	1.25	29.66	23.60	1.43	0.04	<0.01
30		"	"	44.2											
30		"	gn sp imp	44.2	1.80	45	328	0.08	6.69	10.40	23.43	25.30	0.94	0.13	<0.01
30		"	"	46.0											
30		"	20 py conc	46.0	2.00	10	170	0.04	3.53	4.75	27.90	25.90	0.47	0.08	<0.01
30		"	"	48.0											
30		"	"	48.0	2.00	15	128	0.08	0.80	8.88	31.87	28.50	0.57	0.07	<0.01
30		py conc sili	py conc. sp imp	50.0											

SAN ANTONIO PROYECTO M J H S - 6

CORDENADAS: X: 2,563E
Y: 74N
Z: 1,086m

RUMBO : 30°
INCLINACION : -60°
LONGITUD : 250.00m

PROF. (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO													
		GEOLOGIA	MINERALIZACION	PROF. m	ESPE- sura m	Au (ppb)	Ag (%)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)		
50		35° E dy	py conc sili	py conc	sp imp	50.0	2.00	240	155	0.13	0.47	10.00	30.26	30.90	1.93	0.18	<0.001
52.50		70° E dy	"	"	"	52.0	2.00	115	61	0.06	0.54	7.11	27.43	24.50	3.36	0.16	<0.001
56.40		<50°	marga negra fract part py conc	py abund	sp	54.0	2.00	10	34	0.05	0.15	6.05	34.12	27.60	0.73	0.03	<0.001
56.80			py conc arcilla blaugusa	py conc	sp	56.0	2.00	550	272	0.09	0.62	5.89	31.35	27.70	1.36	0.03	<0.001
58.00			arcilla blanca	py abund	"	58.0	2.00	2590	423	0.14	3.72	9.37	23.13	28.90	1.94	0.06	<0.001
59.70			py conc	py conc	Ag, gn, sp, gn	60.0	2.00	80	24	0.01	0.46	5.10	23.57	20.20	1.55	0.02	<0.001
61.10			marga blanca arcillosa	poca py	"	62.0	2.00	120	168	0.08	3.64	3.42	23.97	28.40	1.32	1.01	<0.001
61.80			py conc	py conc	"	64.8	2.20	70	183	0.05	7.90	4.94	28.71	34.40	1.66	1.42	<0.001
62.30			arenisca blanca	poca py	"	67.0	2.00	50	175	0.08	2.50	1.00	28.19	31.30	1.96	0.55	<0.001
		35° E dy	py conc	py conc	sp imp	69.0	2.00	90	422	0.19	3.20	3.21	25.76	29.00	5.27	1.84	<0.001
		<40°	"	"	"	71.0	2.00	130	215	0.06	5.85	4.82	26.18	30.00	5.66	2.32	<0.001
			"	"	"	73.0	2.00	55	66	0.02	2.57	0.38	29.81	33.20	0.62	0.89	<0.001
			marga arcillosa	py abund-conc	"	75.0	2.00	45	195	0.05	4.12	8.75	26.97	32.90	1.61	1.05	<0.001
		45°	"	py conc-abund	"	77.0	2.00	30	199	0.03	7.02	8.70	22.06	30.10	0.56	1.40	<0.001
		<45° S dy	"	"	"	79.0	2.00	40	82	0.01	4.37	6.74	30.05	36.50	0.82	1.13	<0.001
			"	"	"	81.0	2.00	50	32	0.02	1.00	2.53	19.78	21.70	1.40	0.28	<0.001
		85°	arenisca gris clara	mod py, mp	sp	83.0	2.00	370	147	0.03	0.75	2.50	21.31	23.20	1.90	0.07	<0.001
		82.4	marga negra	py abund	"	85.0	2.00	<5	23	0.05	0.37	0.39	20.06	16.90	4.60	0.08	<0.001
			arenisca silicificada?	gz py ret py mod	rodonita	87.0	2.00	230	42	0.01	0.22	0.68	25.01	24.70	3.69	0.03	<0.001
		<30°	finá-fuñia silicificada, dura	py mod	berm sp (rodonita)	89.0	2.00	110	15	<0.01	0.13	0.28	24.36	25.10	1.40	0.03	<0.001
		65°	marga negra suave	py abund-conc	"	91.0	2.00	135	65	0.01	1.81	1.72	23.41	24.40	4.79	0.19	<0.001
			arenisca fina-fuñia s-sil. dura	py conc(-abund)	sp	93.0	2.00	165	80	0.04	0.46	2.31	22.79	23.80	3.46	0.14	<0.001
			marga oscura, suave	py abund-conc	"	95.0	2.00	460	62	0.05	0.14	0.65	23.31	21.40	1.57	0.03	<0.001
			py conc, dura	py conc	rodonita	97.0	2.00	50	10	0.01	0.15	0.88	14.65	9.36	0.54	0.02	<0.001
			marga oscura, suave	py abund	asp?	99.0	1.00	<5	3	0.01	0.01	0.54	17.57	6.01	0.09	0.02	<0.001
			"	"	sp gn py asp?	100.0	1.00										<0.001
		70°	"	"	80° S dy"												
			"	"	sp imp												
			"	"	45° S dy "												
			arenisca fina oscura, dura	poca py imp tct	"												
		<45°	marga negra	py mod	sp												
		65°	"	poca py	"												
			"	"	"												
			"	"	sp imp (Zn < 1%)												

SAN ANTONIO PROYECTO M J H S - 6

CORDENADAS : X : 2,565E
Y : 74N
Z : 1,085m

RUMBO : 30°
INCLINACION : 69°
LONGITUD : 150.00m

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 (%)
100		arenisca gris oscura grano fino	muy poca py												
		"	" hem												
		" gris oscura verdosa	" hem												
105.90		marga gris oscura	"												
107.00		"	"												
107.60		arenisca gris oscura	"												
108.80		marga gris oscura	"												
110		" gris arcillosa (muy suave)	"												
111.10		"	"												
112.30		" gris oscura dura	poca cal venilla												
114.40		" caliza gris fosilifera	"												
115.40		marga brechada falla	"												
118.10		" gris oscura-negra	"												
119.40		"	"												
120		brechada falla? con arcilla	"												
120.60		negra part brechada	"												
122.70		brechada falla?	"												
124.20		"	"												
124.90		brechada	"												
		marga negra calcarea fosilifera	"												
		"	"												
		"	"												
130		"	"												
		"	"												
		"	"												
		"	"												
134.00		"	"												
134.50		caliza gris	"												
		brecha	"												
135.60		marga negra calcarea con caliza (fossil)	poca py imp												
		" 10' caliza gris	"												
		"	"												
140		"	"												
		"	"												
142.80		"	"												
143.90		caliza gris con marga	"												
		falla?	cal net venilla poca												
		marga negra calcarea	"												
		"	"												
149.70		"	"												
150		caliza gris clara con marga	"												

SAN ANTONIO PROYECTO M J H S - 6

CORDENADAS: X: 2,555E
Y: 74N
Z: 1,985m

RUMBO : 30°
INCLINACION : -60°
LONGITUD : 350 00m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO															
		GEOLOGIA	MINERALIZACION	PROF m	ESPE m	Au (ppb)	Ag (g/l)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)				
150	[Geological Column Diagram]		caliza gris clara fosilifera																
151.60		↖ 30°	"	(poca py imp cal net, venilla															
			marga negra calcarea	"															
153.20		↖ 30°	↖ 30°-35°	caliza gris masiva (fosilifera) (part marga)															
			"	"															
			"	"															
			"	"															
			"	"															
160			↖ 35° bk ↖ 70° bk	"															
			"	"															
165.40	↖ 20°		marga negra calcarea																
167.00			"																
		↖ 80°	caliza gris fosilifera (part marga)																
		"	"																
170		↖ 65° bk ↖ 60°	"	muy poca py															
		"	"	(30° 0.2 cal															
		↖ 60°	"	"															
		"	"	(cal net, vanilla muy poca py imp															
		↖ 60°	"	"															
		"	"	"															
180		"	"	"															
		↖ 50°	"	"															
		"	"	"															
184.10	↖ 30°		marga negra con caliza gris	poca cal neten caliza															
		↖ 50°	"	"															
		↖ 40°	"	falla?	"														
185.90			"	brecbada	"														
		↖ 50°	"	"	"														
		"	"	"	"														
190		↖ 50°	caliza gris fosilifera part marga irregular	"															
		↖ 55°	"	"															
		"	"	"															
		↖ 60°	"	(50° 0.2 cal															
193.40	↖ 50°		marga negra brechosa con caliza	"															
195.10			caliza gris fosilifera (marga net)	"															
		↖ 75°	"	"															
		↖ 20°	"	"															
200			"	"															

SAN ANTONIO PROYECTO M J H S - 6

CORDENADAS: X: 2,563E
Y: 74N
Z: 1,016m

RUMBO : 30°
INCLINACION : 60°
LONGITUD : 250.03m

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 (%)
200			caliza gris brechosa con marga												
		75°	"												
			"												
			"												
			"												
206.50			brecha arcillosa(falla?)												
207.50			marga negra brechada calcarea												
			"												
209.50			caliza gris												
210		65°bed	"												
		40°	"												
		80°	"												
		85°bed	"												
		60°	"												
		85°	"												
		70°	"												
		80°	"												
217.70			marga negra brechada calcarea (falta?)												
			"												
		45°	"												
220			caliza gris brechada (por marga)												
220.50			"												
		45°	"												
222.50			"												
			"												
224.90			"												
			"												
		60°	"												
		50°	"												
230			"												
230.90			"												
			"												
		60°	"												
		50°	"												
235.60			lutita gris oscura, calcarea masiva (caliza)												
			"												
238.20			caliza gris oscura												
			"												
240		60°	"												
			"												
242.70			lutita gris oscura												
			"												
243.50		70°	caliza gris												
			"												
247.80			lutita calcarea / caliza												
		80°	"												
248.10		65°	caliza gris												
250.00		70°	"												



SAN ANTONIO PROYECTO

M J H S - 7

CORDENADAS : X : 2,61E
Y : 110N
Z : 1,108m

RUMBO : 210°
INCLINACION : -15°
LONGITUD : 120.40m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESPESES m	Au (ppb)	Ag (g)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
0			suelo												
2.40			toba blanca rosada, arg												
			"												
			"												
			"												
			"												
			gris rosada	70 lim 45 lim											
10			blanca rosada	40 lim 85 lim											
		< 40° 15 cly	"	60 lim											
			"	70 lim 45 lim											
		< 50° 02 cly	"	45 lim											
			"	40° 15 lim Mn 50 lim Mn 50 lim Mn 80 lim Mn											
		70° 15° 85° cly	"	50 lim 60 lim											
20			suave f arg	50 lim 60 lim											
		70°	"	75 lim berm											
		40°	fuerte fuerte arg fract	50 lim 60 lim											
25.50			"	45 lim											
		45°	"	45 lim											
			gris arcillosa muy fuerte arg (muy suave)												
30			gris rosada (dura)												
		40°	"												
			blanca rosada arcillosa muy f arg (dura)	50 lim berm											
		< 45° 20 bx cly	f arg muy f arg (suave) blanca rosada	70 lim berm											
			"	60 lim berm											
		5° 5 bx cly 10° bx cly	"												
40			"												
		80° cly	blanca rosada / amarillo mod sil	50 lim berm 70 lim berm											
			"	85 lim berm											
		< 45° 5 cly bx 70° cly	"												
			"												
		40° cly	"	50 lim											
45.90			"												
47.60			arenisca? gris oscura (verdosa) sil	80 lim											
			"												
50			"												

SAN ANTONIO PROYECTO M J H S - 7

CORDENADAS: X: 2,641E
Y: 110N
Z: 1,108m

RUMBO : 210°
INCLINACION: -35°
LONGITUD : 120.40m

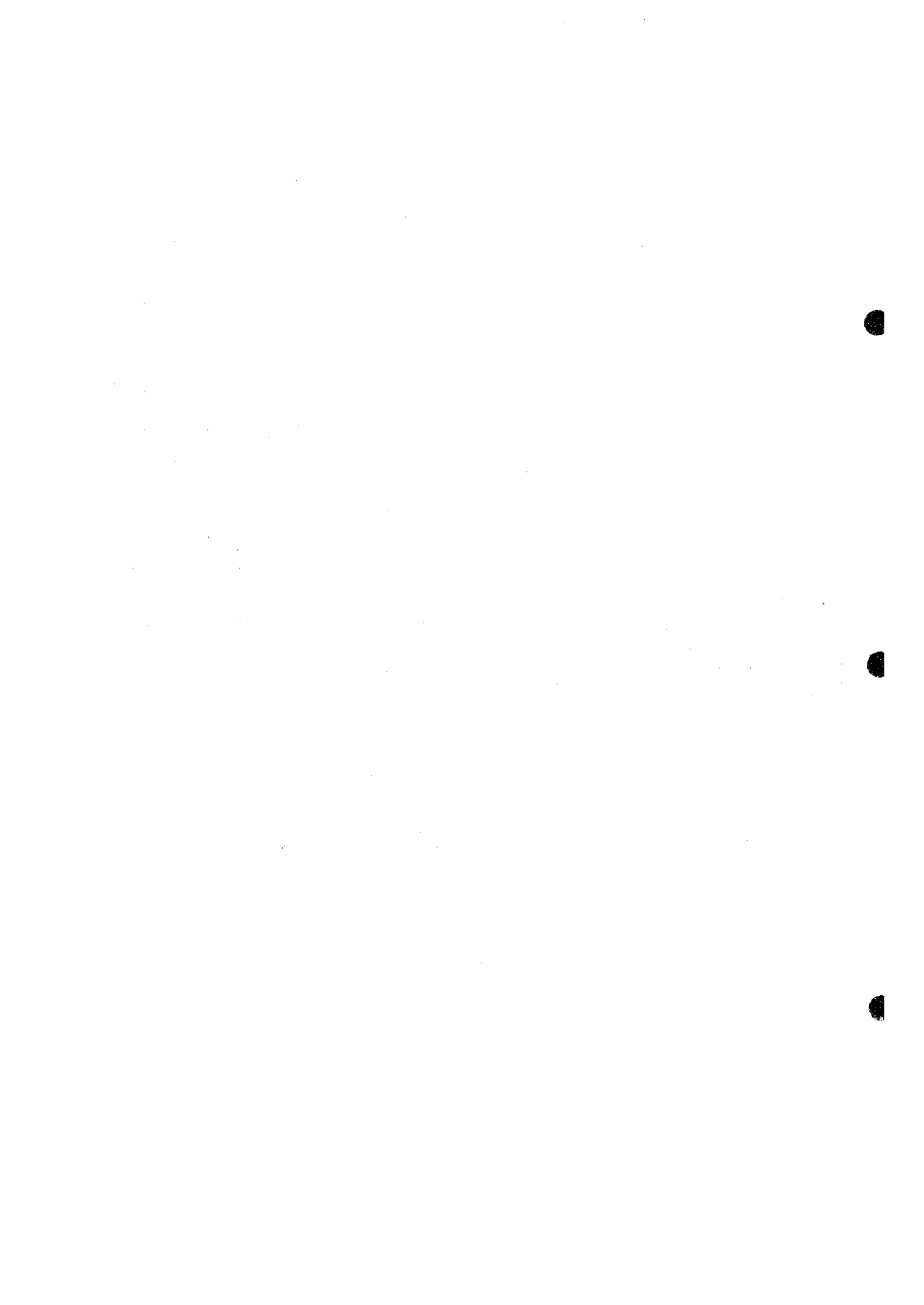
PROF. (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF. m	ESPES. m	Au (ppb)	Ag (g/l)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
50		< 45° arenisca gris oscura, sil grano med- grueso	py imp												
51.80		arcilla azerosa gris part dura	poca- m py imp	52.8 55.8	22.0	135	44	0.02	0.32	0.02	7.20	5.87	0.42	0.03	<0.001
59.30		(arenisca? arcillosa gris (marga? (muy suave) con brecha (falla?))	"	55.0 57.0	2.00	330	46	0.02	0.45	0.03	6.95	5.80	0.31	0.03	<0.001
60		"	"	57.0 59.0	2.00	195	20	0.01	0.33	0.02	5.00	3.71	0.55	0.02	<0.001
61.60		py conc (dura)	py conc-abund.	61.6 63.0	1.40	30	52	0.02	1.57	4.35	6.40	22.80	1.30	0.51	<0.001
65.0		"	gn sp imp	63.0 65.0	2.00	25	48	0.02	1.05	5.78	22.60	26.80	1.31	0.19	<0.001
67.0		"	sp imp	65.0 67.0	2.00	15	33	0.02	0.41	9.41	23.10	28.10	2.26	0.12	<0.001
69.0		"	"	67.0 69.0	2.00	15	55	0.02	0.85	10.80	23.30	28.40	3.29	0.35	<0.001
70		"	"	69.0 71.0	2.00	10	75	0.04	0.83	15.90	24.30	32.60	4.49	0.39	<0.001
71.50		arcilla blanca, bx (py)	"	71.0 73.0	2.00	70	74	0.02	2.51	8.13	25.70	30.40	2.81	1.15	<0.001
73.0		py conc	"	73.0 74.3	1.30	15	152	0.02	3.63	11.10	20.50	23.20	6.90	0.08	<0.001
74.30		dk gry cly bx cly (bx=py) brecha, arcilla gris oscura (falla?)	py imp	74.3 76.0	1.70	<5	14	0.01	0.11	0.70	23.10	13.30	0.36	0.01	<0.001
76.0		"	"	76.0 78.0	2.00	85	8	<0.01	0.06	0.61	20.30	10.50	0.46	0.01	<0.001
78.0		"	"	78.0 80.0	2.00	<5	7	<0.01	0.19	0.69	10.45	2.85	0.05	<0.001	<0.001
80		caliza gris, clara													
80.60		brecha con arcilla													
81.50		caliza brechada con lutita													
87.60		lutita negra													
88.20		caliza gris													
90		gris brechada													
93.00		lutita negra / arenisca													
94.50		argilizada? (con bx de arenisca)													
98.40		caliza gris	cal vetilla												
100		"	20' 0.5 cal												

SAN ANTONIO PROYECTO M J H S - 7

CORDENADAS : X : 2,641E
Y : 116N
Z : 1,108m

RUMBO : 210°
INCLINACION : 75°
LONGITUD : 120.40m

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 (%)
100		caliza gris	cal venilla												
		"	"												
		"	"	"											
		"	"	"											
		"	"	"											
107.60		"	"	"											
		"	marga negra, fosil	"											
		"	"	"											
108.90		"	"	"											
110		"	caliza gris	"											
111.00		"	marga negra con caliza, fosil	"											
		"	"	"											
113.50	"	"	"												
	"	caliza gris con marga	"												
	"	"	"												
	"	"	"												
	"	"	"												
	"	"	"												
	"	"	"												
120															
120.40		120.40m fin													



SAN ANTONIO PROYECTO M J H S - 8

CORDENADAS: X: 2.624E
Y: 193N
Z: 1.130m

RUMBO : 30°
INCLINACION : -70°
LONGITUD : 209.40m

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													
4.10		toba blanca amarillosa													
		"													
		marron clara amarillosa	lim												
		"	"												
		"	40' limMa												
10		blanca amarillosa	"												
		20' arcilla	"												
		marron clara amarillosa	"												
		"	arg arcillosa												
		"	"												
15.20		15' cty arenisca gris clara media - gruesa, amarillosa	"												
		10' "	"												
		45' "	"												
		60' "	"												
20		"	"												
21.50		gris clara, gruesa part con grava	"												
		45' "	"												
		5' "	"												
		45' "	"												
		30' "	Zona oxidada gris fina poca py imp (m)												
		"	"												
		arenisca gris gruesa	40' py												
30		cgl gris $\phi < 25'$	"												
31.40		arenisca gris gruesa part con grava	"												
		50' "	"												
		45' "	"												
34.30		cgl gris	"												
		"	"												
36.10		arenisca gris gruesa part grava qz	"												
		30' "	"												
		45' "	"												
		30' "	"												
		70' "	"												
		45' "	"												
39.50		cgl gris	"												
40		"	"												
40.90		arenisca gruesa part grava	"												
		"	"												
		45' "	arg suave												
		30' "	"												
44.90		cgl gris, part arenisca	45' lim 70' lim												
		"	py imp												
		"	"												
		40' "	"												
		40' "	"												
		40' "	"												
50		"	"												

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 (%)
50	[Geological Column Diagram]	arenisca gris muy gruesa	py imp												
52.00		cgl gris	"												
53.00		arenisca gris muy gruesa part grava	"												
55.10		cgl gris, poca grava	"												
57.20		arenisca gris, media	sil m py imp 1-2mm py dot												
59.40		cgl gris claro sil	sil py imp ovc												
60		grava (g, ch, ss)	"												
		gris, fuerte sil duro	"												
		arg. suave	"												
		sil duro	"												
		arg. suave	"												
		sil duro	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
		arg. suave	"												
	arg. suave	"													
	arg. suave	"													
90															
96.10		arenisca - cgl gris gruesa (suave)	arg.												
100															

SAN ANTONIO PROYECTO M J H S - 8

CORDENADAS: X: 2.624E
Y: 193N
Z: 1,130m

RUMBO: 30°
INCLINACION: -70°
LONGITUD: 260.46m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO															
		GEOLOGIA	MINERALIZACION	PROF m	ESPES m	Au (g/g)	Ag (g/g)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)				
100		arenisca gris (suave) gruesa	Arg																
		"	part grava de qz	"															
		"	"	"															
		"	"	"															
		"	"	"															
		"	"	"															
		"	"	"															
		"	"	"															
110			"	"															
110.90			cgl, verde amarillosa, (suave)	"															
		"	"																
		"	"																
114.90		"	"																
		"	cafe marron (suave)																
		"	"																
		"	"																
120		"	"																
121.20		"	"																
		"	gris verde amarillosa (suave)																
		"	"																
123.20		"	cafe marron (suave)																
		"	"																
124.30		"	gris verde amarillosa (suave)																
		"	"																
		"	"																
		"	"																
		"	"																
130		"	"																
130.10		"	arenisca, gris verde amarillosa																
		"	"																
131.60		"	cgl, gris verde amarillosa																
		"	"																
		"	"																
		"	cafe marron																
		"	gris verdosa																
		"	"																
		"	cafe marron																
		"	"																
		"	cafe claro																
		"	"																
140		"	cafe marron																
		"	"																
		"	"																
		"	"																
		"	gris claro																
		"	"																
143.60		"	cafe marron																
		"	"																
146.70		"	brecha con arcilla (falla?)																
		"	"																
		"	lutita gris oscura, calcarea marron por fract																
		"	"																
		"	gris oscura calcarea, part bx.																
150		"	"																

SAN ANTONIO PROYECTO M J H S - 8

CORDENADAS: X: 2.624E
Y: 193N
Z: 1.130m

RUMBO : 30°
INCLINACION : -70°
LONGITUD : 200.40m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESPESES m	Au (ppb)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
150	A A A	45°	breccha con arcilla												
151.10		45°	lutita negra (part caliza) calcarea	zona de falla?											
		45°	" "	30° 0.2% cal											
		45°	" "												
		45°	" fosilifera (part caliza)												
		45°	" "	35° 0.1% cal											
		45°	" "	45° 0.2% cal											
		50°	" "	20° 0.1% cal											
		45°	" "	20° 0.1% cal											
160		65°	" "												
		60°	" "												
		45°	" "												
166.40		30°	caliza gris, part lutita												
168.00		55°	lutita negra fosilifera (con caliza gris)	poca py imp											
		45°	" "												
170		45°	" "	45° 0.2% cal											
		45°	" "												
173.00		45°	caliza gris, fosilifera brechada con lutita												
175.50		20°	lutita negra fosilifera con caliza gris fosil abund	muy poca py imp											
		50°	" "												
178.30		70°	caliza gris, con lutita (brechada)	45° 0.1% cal											
180		70°	" "												
180.60		65°	lutita gris												
182.10		65°	caliza gris												
		45°	" "												
185.10		70°	bx con lutita												
186.00		5°	lutita gris												
		40°	caliza gris brechada con lutita												
		40°	" "												
189.60		20°	lutita negra con caliza. f. fract												
190			" "												
			" "												
193.70		20°	caliza gris con lutita												
194.50			lutita negra con caliza												
195.90		75°	caliza gris con lutita	50° 0.1% cal											
		60°	" "	70° 0.3% cal											
		50°	" "	70° 0.2% cal											
200		70°	" "												

200.40 fin

SAN ANTONIO PROYECTO M J H S - 9

CORDENADAS : X : 1.577E
Y : 203N
Z : 1.138m

RUMBO : 30°
INCLINACION : - 65°
LONGITUD : 200.20m

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		arenisca grano fino - medio	< 20' 0.1% py Ag?													
		arenisca gruesa amarillosa														
53.00		limolita gris amarillosa														
53.40		micro cgl, gris														
55.60		arenisca marron amarillosa (grano fino - medio)														
57.20		limolita marron amarillosa	< 20' 0.1% py < 70' 0.2% py < 60' 0.1% py	py imp Ag? sp imp pb?	57.20											
58.90		arenisca fina, blanquecina			59.20	2.00	230	10	< 0.01	0.16	0.32	5.05	4.44	0.32	< 0.01	< 0.01
59.60		limolita marron clara	< 10' 2% qz/v py imp < 45' 2%		59.20											
60.60		arenisca gris, fina		poca py imp	60.60	1.40	100	24	< 0.01	0.65	0.20	4.15	4.24	0.51	0.01	< 0.01
61.45		conglomerado gris														
62.40		arenisca gris marronosa fina - media														
63.90		conglomerado (~ arenisca)														
64.60		arenisca gris														
65.00		cgl - arenisca gruesa														
65.90		arenisca marronosa														
66.75		cgl gris f < 3% qz abund														
70																
71.40		arenisca gris gruesa														
72.70		cgl gris														
		(f < 3% qz abund)		poca py imp												
77.50		arenisca gris marronosa (grano medio)	< 45' py < 75' gr Ag py < 65' gr Ag py													
79.00		cgl gris	< 70' py	muy poca py												
80																
85.00		arcillosa														
86.00		arenisca gris (medio - grueso)														
		cgl gris f < 4%														
90																
93.60		arenisca gruesa (~ cgl)	< 45' Ag? py < 45' Ag? py	Ag? Pb py												
95.60		cgl gris	< 0' Ag? py < 0' Ag? py < 20' py	muy poca py												
			< 20' Ag? Pb py													
100			< 45' 2% cly													

SAN ANTONIO PROYECTO M J H S - 9

CORDENADAS : X : 2.577E
Y : 203N
Z : 1,138m

RUMBO : 30°
INCLINACION : -60°
LONGITUD : 200.20m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO														
		GEOLOGIA	MINERALIZACION	PROF m	ESPESS m	Au (ppb)	Ag (g/l)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)			
150		cyl gris argilizado	arg															
		60° cly	"	"														
		"	"	"														
		"	"	"														
		"	gris verdoso	"														
		"	gris marronoso	"														
		"	marron amarilloso	"														
160		45°	"	marron														
		50°	"	"														
		"	"	"														
		"	"	"														
		"	"	"														
		"	"	arg														
170		"	"	"														
		"	"	"														
	"	"	"															
	"	"	"															
	"	"	"															
	"	"	arg															
	"	con brecha falla?	"															
	"	"	"															
	"	"	"															
180	"	"	"															
	"	"	"															
	"	"	"															
	"	"	"															
	"	"	"															
	"	"	gris															
	"	"	"															
187.25	50°	falla? con cly	"															
	"	limolita gris	"															
	40°	"	"															
	75°	"	"															
190	60°	"	marron															
	"	"	"															
191.35	"	"	"															
	"	cyl gris	"															
	"	"	"															
	"	"	"															
	50° cly	"	"															
	"	"	"															
197.15	"	arcilla gris	"															
197.45	"	marga marron	"															
	"	"	"															
	"	"	"															
	45°	"	gris															
200	"	falla? con cly	marga															

200 24 lit

SAN ANTONIO PROYECTO

M J H S - 10

CORDENADAS : X : 1.621E
Y : 103N
Z : 1,237m

RUMBO : 80°
INCLINACION : -60°
LONGITUD : 359.30m

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 (%)
0		toba blanca argilizada	muy poca py imp (grano muy fino)												
		" blanquecina gris clara argilizada	"												
		" " "	"												
		" " "	"												
		" " "	"												
		40° gris clara, argilizada lapilli < φ 1.5 pumita	"												
		" " "	"												
10		40° fuerte argilizada gris clara, argilizada lapilli < φ 0.5°	"												
		" " "	"												
		" " "	"												
		40° " " "	"												
		" " " gris clara, f. arg lapilli < φ 0.7°	"												
		" " " " " "	"												
		" " " gris clara arg lapilli < φ 1.5°	"												
20		50° " " "	40° 0.4° py												
		" " "	"												
		" " "	"												
		" " "	"												
25.0		50° " " "	"												
		40° " " "	"												
		" " " gris osura (arcillosa) muy f. arg	muy poca py imp (muy fina)												
		" " " " " "	"												
		" " " gris clara (f. arg - mf. arg	"												
30		" " " " " "	"												
32.0		" " " pedazo de madera de tunel	"												
		" " " " " "	"												
		" " " " " "	"												
		" " " " " "	"												
		" " " " " "	"												
		" " " " " "	"												
40		80° " " "	50° py sp	40.00	2.00	<5	88	0.01	1.37	0.18	1.90	2.47	0.03	0.01	<0.001
		60° " " "	poca py (cristal) (Ag?) gn	42.00											
		50° " " "	" " "	42.00	2.00	<5	109	0.01	1.74	0.32	1.90	2.78	0.03	0.02	<0.001
		70° " " "	" " "	44.00											
		" " " gris clara, f. arg. (suave)	poca py (cristal) sp imp (Ag?) gn	44.00	2.00	<5	202	0.02	2.71	0.56	2.00	3.00	0.03	0.03	<0.001
		" " " " " "	20° 0.3° sp	45.00											
		" " " " " "	" " "	45.00											
		" " " " " "	40° 0.5° sp (Ag?)	45.00	2.00	<5	115	0.02	2.70	0.58	1.50	2.48	0.02	0.02	<0.001
		" " " " " "	" " "	48.00											
		45° " " "	" " "	48.00											
		40° " " "	poca py (cristal)	48.00	2.00	10	21	0.02	0.81	0.05	1.40	1.85	0.01	0.02	<0.001
50		" " "	"	50.00											

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 (%)
50	[Geological Column Diagram]	toba gris, mf arg.	poca py (cristal)	50.00											
52.00		toba gris, mod arg pisolita (φ 0.7°)	sp venille	200	20	10	0.01	0.14	0.29	2.90	3.46	0.05	0.01	<0.001	
54.00			40° 0.1° py sp 40° 0.1° py sp 20° 0.1° py sp	"	200	15	8	0.01	0.18	0.18	3.00	3.69	0.05	0.01	<0.001
56.00			24° 0.1° sp py	"	200	10	4	<0.01	0.10	0.27	2.60	3.24	0.04	<0.01	<0.001
58.00		gris amarillosa mod arg	0.1° sp py hem	"	200	10	5	0.01	0.17	0.39	2.90	3.21	0.03	0.01	<0.001
60.00			45° 0.2° sp (w)	(py, Ag part sp)	200	5	34	0.03	0.35	0.62	2.80	3.50	0.04	0.01	<0.001
62.00			45° 0.1° sp 40° 0.1° Ag py sp 40° 0.3° sp (py Ag) 30° 0.5° sp V (sp)	"	200	<5	58	0.04	0.95	1.38	2.20	2.83	0.02	0.04	<0.001
64.00		gris, m-arg	"	"	200	<5	10	<0.01	0.53	0.40	2.70	1.95	0.02	0.01	<0.001
66.00			45° 0.2° sp (Ag? py)	"	200	<5	13	<0.01	0.65	0.56	2.20	2.08	0.02	<0.01	<0.001
68.00			"	"	200	<5	8	<0.01	0.33	0.56	2.00	2.02	0.02	<0.01	<0.001
70.00			40° py	"	200	<5	22	0.01	0.74	0.35	2.40	1.92	0.01	0.01	<0.001
72.00			40° 0.2° sp 30° 0.3° sp (Ag?)	"	200	<5	20	0.01	0.50	0.45	2.20	1.95	0.02	0.01	<0.001
74.00			"	"	200	<5	4	<0.01	0.35	0.29	1.90	1.80	0.01	<0.01	<0.001
76.00		gris clara, mod-arg	poca py (sp, Ag?) imp	"	200	<5	4	<0.01	0.37	0.68	2.00	1.48	<0.01	<0.01	<0.001
78.00			"	"	200	<5	3	<0.01	0.31	0.77	1.70	1.54	<0.01	<0.01	<0.001
80.00			"	"	200	<5	7	<0.01	0.39	0.72	1.90	2.18	0.02	<0.01	<0.001
82.00		gris clara amarillosa (con pisolita)	poca py, muy poca sp (gn) patch	"	200	20	10	<0.01	0.50	0.59	1.50	1.77	0.01	0.01	<0.001
84.00		oxidacion de py?	poca py imp	"	200	25	23	0.01	0.88	0.25	1.60	1.76	0.01	0.01	<0.001
86.00			45° 0.2° py sp 1° x 0.7° sp py	(sp)	200	25	23	0.01	0.73	0.48	2.60	2.60	0.03	0.01	<0.001
88.00			45° 0.1° py sp 45° 0.2° sp 35° 0.1° gn? py	"	200	20	41	0.01	1.20	0.40	3.30	2.67	0.03	0.01	<0.001
90.00		35° 0.2° sp py 20° 0.1° gn? py sp 35° 0.1° py	"	200	10	30	0.01	0.21	0.71	3.60	3.13	0.04	0.01	<0.001	
92.00		20° 0.1° Ag? sp	"	200	<5	2	<0.01	0.11	0.10	3.10	1.98	0.02	<0.01	<0.001	
94.00	gris clara	45° 0.5° gn py sp	"	200	<5	29	0.01	0.55	0.73	3.20	2.41	0.03	0.01	<0.001	
96.00	gris clara verdosa	45° 0.2° sp 45° 0.2° (Ag?) sp 40° 0.2° sp	gn?	200	<5	34	0.01	0.43	0.99	3.00	2.60	0.02	0.01	<0.001	
98.00		45° 0.2° sp 45° 0.1° Ag? sp	"	200	<5	23	0.01	0.37	0.44	1.90	1.56	0.01	0.01	<0.001	
100.00		30° Ag? sp 35° 0.1° Ag? sp	muy poca sp imp	200	<5	28	0.01	1.10	0.74	1.60	2.25	0.02	0.01	<0.001	

SAN ANTONIO PROYECTO

M J H S - 10

CORDENADAS: X: 1.621E
Y: 193N
Z: 1.257m

RUMBO : 89°
INCLINACION : -60°
LONGITUD : 359.30m

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 (%)	
100	[Pattern]	40° toba gris verdosa con pisolita	40° 0.1% py poca py imp (Ag?)	100.00	2.00	<5	14	<0.01	1.08	0.33	1.90	1.31	0.01	<0.01	<0.001	
		"	"	102.00												
		"	"	"	104.00	2.00	<5	12	<0.01	0.71	0.13	2.60	1.54	0.01	<0.01	<0.001
		"	blanquecina con pisolita	30° 0.1% py 40° 1.2% Ag? gn py	104.00											
		"	"	"	106.00	2.00	35	169	0.08	1.97	2.58	2.40	3.50	0.02	0.08	<0.001
		"	gris clara verdosa	"	108.00	2.00	<5	6	<0.01	0.42	0.18	2.40	1.31	<0.01	<0.01	<0.001
		"	"	"	108.00											
		"	"	"	110.00	2.00	<5	7	<0.01	0.15	0.14	2.20	1.22	0.01	<0.01	<0.001
110		[Pattern]	40° 15° bx. ch	70° 0.1% gn? py	110.00	2.00	20	18	0.01	0.76	0.24	2.30	1.24	<0.01	0.01	<0.001
			"	"	30° gn? py film 30° 30° py? film	112.00										
	"		"	"	112.00	2.00	10	9	0.01	0.14	0.25	2.30	1.30	0.01	0.01	<0.001
	"		"	"	114.00											
	"		"	"												
	"		"	"												
	"		"	"												
	"		"	"												
	"		"	"												
	"		"	"												
120	[Pattern]	60° 35°	70° Ag? py film Ag? py imp													
		"	gris clara	"												
		"	"	"												
		"	"	40° py gn. film												
		"	"	30° py Ag? film												
		"	"	20° py Ag? film poca py imp												
		"	andesitica	" (sp Ag?)												
		"	"	"												
129.0		[Pattern]	10° arenisca gris verdosa grano fino	45° 0.6% Ag? py gn? poca py imp, film												
130			"	"												
	"		"	50° Ag? 60° py Ag?												
	"		"	85° py gn.												
	"		"	"												
	"		"	70° py gn.												
	"		"	70° py gn.												
	"		"	"												
	"		"	20° gn? py 70° 0.1% gn py												
	"		"	85° py												
140	[Pattern]	70°	"													
		"	"	"												
		"	"	"												
		"	"	"												
		"	"	"												
		"	"	"												
		"	"	"												
		"	"	"												
		"	"	"												
		"	"	"												
150	[Pattern]	40° 5° 15° bx. ch	40° 0.1% Ag? py 45° 0.2% py gn (sp)													
		"	"	25° 0.1% Ag? py gn 50° 0.2% Ag? py gn												

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESPESES m	Au (ppb)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
150		arenisca gris verdosa	60' 0.2 ^g py												
		"	10' 2 ^g imp cly V												
		"	40' 0.2 ^g py qz cly V												
		70' 5 ^c cly bx	"												
		"	10' 1.0 ^g py qz rosado												
		"	5' 0.5 ^g py cly												
		40' cly	10' 3 ^g gn py imp qz cly												
		"	poca (mod) py imp												
		"	"												
		10'	"												
160		20' 0.3 ^c cly	65' py	160.00	2.00	15	32	<0.01	0.88	0.94	5.50	3.49	0.02	<0.01	<0.001
		20' 2 ^c cly bx	65' py	162.00											
		"	"	162.00											
162.00		45' 20'	1 ^g gn p 1.5 ^v	162.00	2.00	10	52	<0.01	2.89	1.93	5.00	5.47	0.02	0.01	<0.001
		limolita amarillosa	(poca) mod py imp. film	164.00											
		85' cly	"	164.00											
		60' 5 ^c bx cly	"	166.00											
		"	45' 0.2 ^g sp qz V (rosado)	166.00	2.00	20	30	0.01	0.62	1.70	4.40	5.19	0.03	0.01	<0.001
		30' 2 ^c cly bx	"	168.00											
		45' 3 ^c bx cly	80' 0.3 ^g qz (rosado)	168.00	2.00	<5	15	<0.01	0.33	0.56	5.30	3.63	0.04	<0.01	<0.001
		30' 0.3 ^c cly bx	"	168.00											
		70'	50' 0.1 ^g py sp cly	168.00											
		"	10' 0.2 ^g py cly qz	170.00	2.00	<5	17	<0.01	0.23	0.54	4.40	3.59	0.02	<0.01	<0.001
170		20' 2 ^c cly	"												
170.50		5' 10' 10' bx cly	"												
		50' 0.5 ^c cly arenisca amarillosa	poca py imp												
		"	"												
		10' 15 ^c bx cly	5' 0.3 ^g cly qz (rosado)												
		5' 0.3 ^c bx cly	60' py												
		"	1 ^c x 2 ^c qz												
		20'	"												
		30' cly	m - poca py												
		"	30' 0.3 ^g qz gn sp V	175.00											
		"	45' 1 ^g gn sp imp qz V (rosado)	177.00	2.00	45	32	0.01	1.73	1.10	7.80	3.95	0.04	<0.01	<0.001
		"	"	177.00											
		45'	45' 1 ^g gn	179.00											
		"	(gn. imp. film, V)	179.00											
		85'	45' py	179.00	2.00	40	43	0.01	2.48	1.06	4.40	3.59	0.04	0.01	<0.001
		"	20' 0.2 ^g gn sp V qz (rosado)												
		60' 0.2 ^c cly bx	30' 0.1 ^g (gn) qz V (rosado)	179.00											
		"	"	181.00											
180		60' cly	m (- poca) py imp. film	181.00	2.00	<5	12	<0.01	0.23	0.25	4.40	3.62	0.02	<0.01	<0.001
		30' cly bx	"	181.00											
		10' cly bx	"	181.00											
		10' cly bx	"	181.00	2.00	<5	8	<0.01	0.22	0.21	4.90	3.38	0.02	<0.01	<0.001
		200' gn. chl.	"	183.00											
		10' 1 ^c bx	"												
		2' 20 ^c bx	"												
		45' 15 ^c bx	"												
		"	"												
186.50		40'	"												
		1' bx. qz rosado, cly	"												
		10' 1 ^c cly bx	45' 0.1 ^g sp V												
		40' 0.2 ^c cly	"												
		"	"												
		10' 10 ^c cly	"												
190		20' cly	poca (- m) py imp												
		"	"												
		"	10' 5 ^g qz blanco												
		"	60' 2 ^c qz (blanco)												
		50'	"												
194.70		bx. cly	"												
195.80		70' 5 ^c cly	"												
196.50		60'	"												
197.70		bx. cly	"												
198.50		70' bx. cly	"												
198.80		60' bx. cly	"												
199.20		50' bx. cly	"												
200		"	"												

SAN ANTONIO PROYECTO M J H S - 10

CORDENADAS: X: 1.621E
Y: 105N
Z: 1,257m

RUMBO : 80°
INCLINACION: -60°
LONGITUD : 350.30m

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 (%)
200		arenisca amarillosa fina	45° 0 1° gn spV poca (~m) py												
		limolita	45° 2° cly												
		"	70° 1° cly, bx												
		"	70° 1° cly, bx												
		"	40° 0 5° bx, cly												
		"	40° 1 5° bx, cly												
		"	70° 0 5° bx, cly												
		"	40° 0 5° cly, bx												
		"	45° 0 1° cly												
		"	45°												
210		"	40° 0 5° bx, cly												
		"	40° 20° bx												
211.90		"	40°												
		"	50° 5° gn, cly V												
		"	30° 20°												
		gris media - fina	45° 0 2° gn												
		"	30° 41° 3° gn V												
		"	45° 0 2° 1 5° Ag, gn, bx												
		gruesa	40° 1° gn (Ag) gn film	217.00	2.00	10	6	<0.01	0.52	0.68	5.20	2.90	0.02	<0.01	<0.001
		"	45° gn	219.00											
		media - fina	50° 0 2° (gn) gn V (rosado)	219.00	2.00	<5	12	<0.01	0.23	0.23	3.90	2.79	0.02	<0.01	<0.001
		"	50°	221.00											
		"	50°	223.00	2.00	<5	9	<0.01	0.18	0.11	4.50	3.05	0.03	<0.01	<0.001
		"	40° Ag?	223.00											
		"	Ag? film, imp	225.00	2.00	<5	5	0.01	0.24	0.28	5.40	2.99	0.01	<0.01	<0.001
		"	sp. p. n. n.	225.00											
		"	40° gn?	227.00	2.00	25	13	0.02	0.89	0.40	6.50	3.10	0.01	<0.01	<0.001
		"	40° 0 3° Ag? gn, gn V	227.00											
		"	60°	227.00											
		"	70° 0 2° cly	229.00	2.00	25	5	0.02	0.28	0.04	7.80	3.74	0.02	0.01	<0.001
		"	70° 1° cly, bx	229.00											
229.20		limolita gris - (arenisca fina)	65° 0 7° Ag gn V	229.00											
		"	20° 0 1° sp gn V sp imp	231.00	2.00	50	9	0.01	0.68	0.33	6.80	4.59	0.03	<0.01	<0.001
		"	70° py, Ag film	231.00											
231.70		arenisca gris fina	30° 0 1° gn Ag sp V	231.00	2.00	30	7	0.01	0.49	0.46	6.90	3.89	0.04	<0.01	<0.001
232.90		limolita gris - (arenisca fina)	70° 0 1° gn Ag gn cly	233.00											
		"	40° 0 1° gn	233.00											
234.10		arenisca gris	70° 0 1° Ag? gn, cly	233.00	2.00	40	9	<0.01	0.76	0.40	6.60	3.07	0.03	<0.01	<0.001
		"	70° 0 2° bx, cly	235.00											
		"	70° py	235.00											
236.00		limolita gris	70° gn, Ag? cly	237.00	2.00	80	7	0.01	0.61	0.31	6.90	6.18	0.03	<0.01	<0.001
		"		237.00											
237.40		bx, cly	5° 0 1° gn	237.00	2.00	300	16	0.01	1.60	0.41	7.20	6.13	0.03	<0.01	<0.001
		"	30° 0 1° py cly	239.00											
		arenisca gris	70° 3° Ag?, gn, cly	239.00	2.00	210	5	<0.01	0.48	0.14	7.00	5.27	0.02	<0.01	<0.001
		"		241.00											
241.80		"													
		"													
243.30		"													
243.70		"													
		"													
245.10		"													
		"													
246.20		"													
		"													
248.50		"													
		"													
250		"													

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESPESES m	Au (ppb)	Ag (g/g)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
250		arenisca gris clara fina	poca py imp												
		70' 2° ba, cly													
		60' 0 2° cly													
		80' "	60' 0 2° pink qz V												
		"													
		"													
256.52		limolita gris													
257.18		70' cly arenisca gris clara													
258.22		"													
259.04		10' 30' X ba, cly													
		5' ba													
260		20' 5' ba													
		"													
		"													
262.70		70' cly limolita gris													
264.12		60' 0 5° cly													
		arenisca gris clara	45' 0 2° qz V												
		70' "													
		60' 1° ba, cly	φ 0.3c sub angls grava												
		70' 0 2° cly													
		50' "													
		45' "													
		60' "	verdosa my fina												
		"	marron rosada calcarea												
270		"													
		50' "													
		10' "													
		15' "													
		20' "	gris verdosa calcarea	70' 0 4° qz											
		5' 1° ba, cly	grano fino - medio												
		20' 0 5° ba, cly	"												
		65' 2° cly													
		10' "	marron grano fino, calcarea (part marga)												
		30' "	"												
		40' "	"												
280		"	"												
		"	"												
		20' "	gris verdosa granofino, calcarea												
		5' "	"												
		45' "	marron grano fino, calcarea (part marga)												
		5' 5° ba	"												
		70' "	"												
		"	"												
		60' "	"												
		"	"												
288.90		10' "	marga marron, calcarea												
290		5' 15° ba													
290.10		50' "	arenisca marron calcarea												
291.70		10' "	marga marron, calcarea												
292.06		20' cly	arenisca marron calcarea												
		20' 1 5° ba, ly	"												
		15' "	"												
295.20		"	marga marron, calcarea												
		"	"												
		15' 1° cly	"	45' 0 3° mp											
		20' "	"	75' 0 2° mp											
300		"													

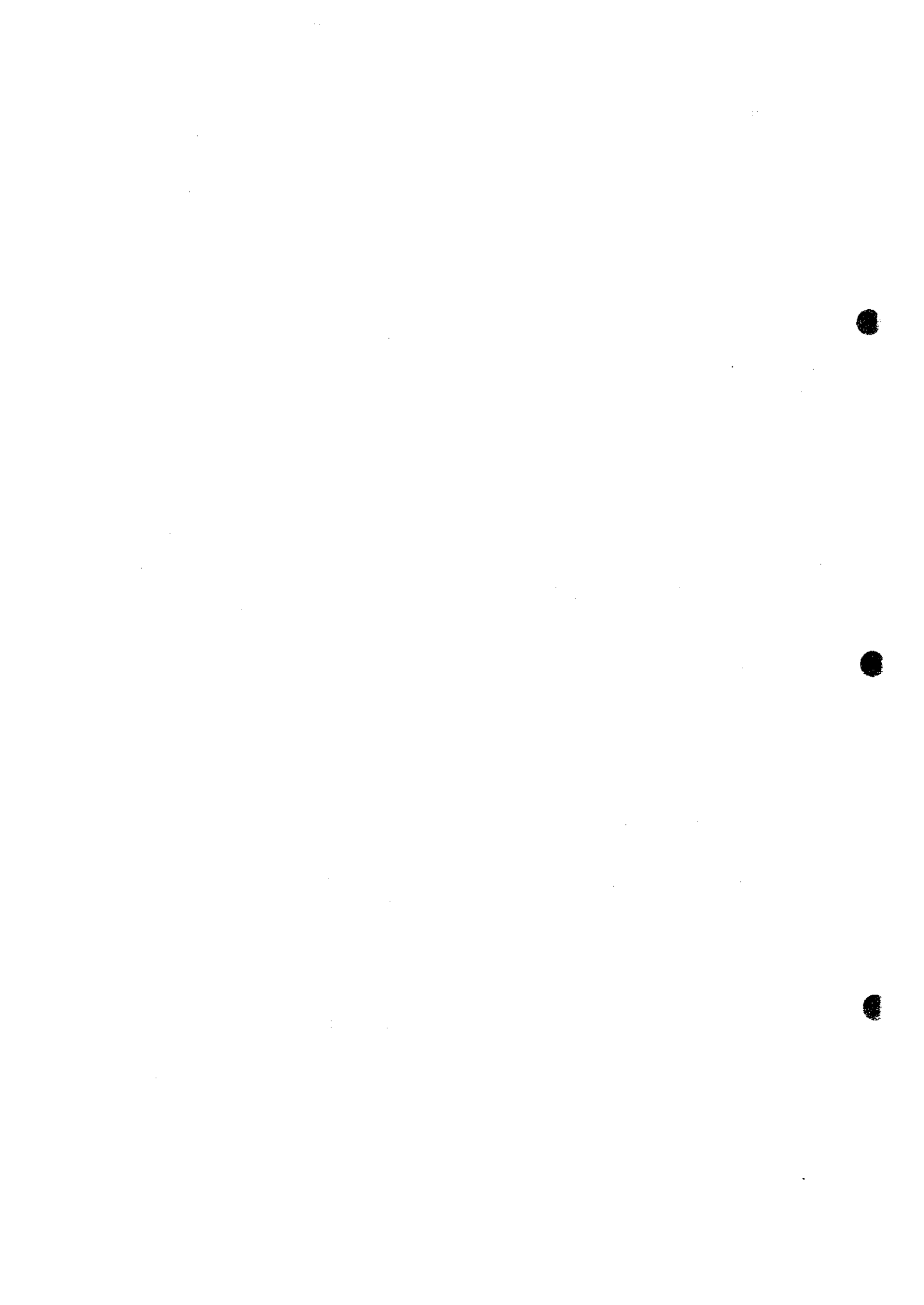
SAN ANTONIO PROYECTO M J H S - 10

CORDENADAS : X: 1.621E
Y: 101N
Z: 1,357m

RUMBO : 80°
INCLINACION : -60°
LONGITUD : 350.30m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO												
		GEOLOGIA	MINERALIZACION	PROF m	ESPESES m	Au (ppm)	Ag (g)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)	
100	[Diagrama de columna geológica con inclinaciones de 30°, 45°, 50°, 60°, 70°, 80°, 90°]	marga marron calcarea (part arenisca)	yeso (vetilla stockwork)													
30°																
45°																
50°																
60°																
70°																
80°																
90°																
110																
120																
130																
140																
150																
160																
170																
180																
190																
200																
210																
220																
230																
240																
250																
260																
270																
280																
290																
300																
310																
320																
325.00		arenisca marron fina calcarea con marga	yeso (vetilla stockwork)													
330			yeso abund (vetilla, patch, stock)													
335			yeso? patch (verde)													
340			yeso abund													
345			yeso vetilla													
350																
355			yeso abund													

350.30 fm



SAN ANTONIO PROYECTO

M J H S - 11

CORDENADAS: X : 2 626E
Y : 191N
Z : 1,130m

RUMBO : 210°
INCLINACION : - 60°
LONGITUD : 130.80m

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 (%)			
0		suelo																
3.80		toba blanca amarillosa argilizada	limonitizacion															
		blanca	30°lim															
		"	60°lim															
		"	30°lim															
		"	50°lim															
10		blanca rosada, arcillosa m-f arg	70°lim															
		"	60°lim															
		"																
		"																
		"																
		"																
20		blanca rosada poca arg	70°lim															
		blanca rosada m-f arg	70°lim															
		"																
		blanca rosada m-arg																
23.40		arenisca? gris gruesa, arcillosa	m-f arg															
		"																
26.00		cgl gris-gris claro	80°lim 40°lim															
		"	30°lim															
		"	60°lim															
30		gris rosado, arg gris amarilloso	80°lim															
31.50		arenisca gris rosada, gruesa																
32.50		cgl gris rosado	60°lim															
33.20		arenisca gris rosada, gruesa	30°lim															
35.80		cgl gris rosado	40°lim															
		"	40°lim															
		"	45°lim															
40		"	45°lim															
41.80		arenisca gris rosada, media	70°lim															
42.70		cgl gris rosado (f fract con arcilla fallas?)	70°lim															
		"	50°lim															
		"	45°lim															
		"	30°lim															
		"	45°lim															
50		"	45°lim															

SAN ANTONIO PROYECTO M J H S - 11

CORDENADAS: X : 2 616E
Y : 191N
Z : 1,130m

RUMBO : 210°
INCLINACION : - 40°
LONGITUD : 150 60m

PROF. (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF. m	ESPE- sura	Au (ppb)	Ag (g/l)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Hg (%)
50		cgl gris rosado	limonitizacion												
		"	suave, arg falta?	30"m											
		"	"	45"m											
		"	"	82"m											
		"	"	45"											
		"	"	45"m											
		"	"	55"m											
		"	arg	20"m											
		"	"	40"m											
		"	fract	90"m											
		"	"	40"m											
		"	"	70"m											
		"	gris, part amarilliso	70"m											
		"	"	70"m											
		"	"	3"m											
		"	"	30"m											
		"	"	5"m											
		"	gris oscuro	45"m											
		"	"	45"m											
		"	"	45"m											
		"	"	45"m											
		"	"	70"m											
		"	"	45"m											
		"	"	45"m											
		"	gris oscuro(verdoso), duro, fract	70"m											
		"	sil?												
		"	"	50"m											
		"	"	45"m											
		"	"	45"m											
		"	"	5"m											
		"	"	5"m											
		"	"	10"m											
		"	alt duro / suave	45"m											
		"	arg	45"m											
		"	gris oscuro verdoso	40"m											
		"	suave	40"m											
		"	"	40"m											
		"	"	45"m											
		"	"	45"m											
		"	"	50"m											
		"	"	45"m											
		"	"	40"m											
		"	"	75"m											
		"	"	45"m											
		"	"	90"m											
		"	"	40"m											
		"	arenisca? marron clara, gruesa	96.40"m											
		"	arena												
		"	"												
		"	"												
		"	"												

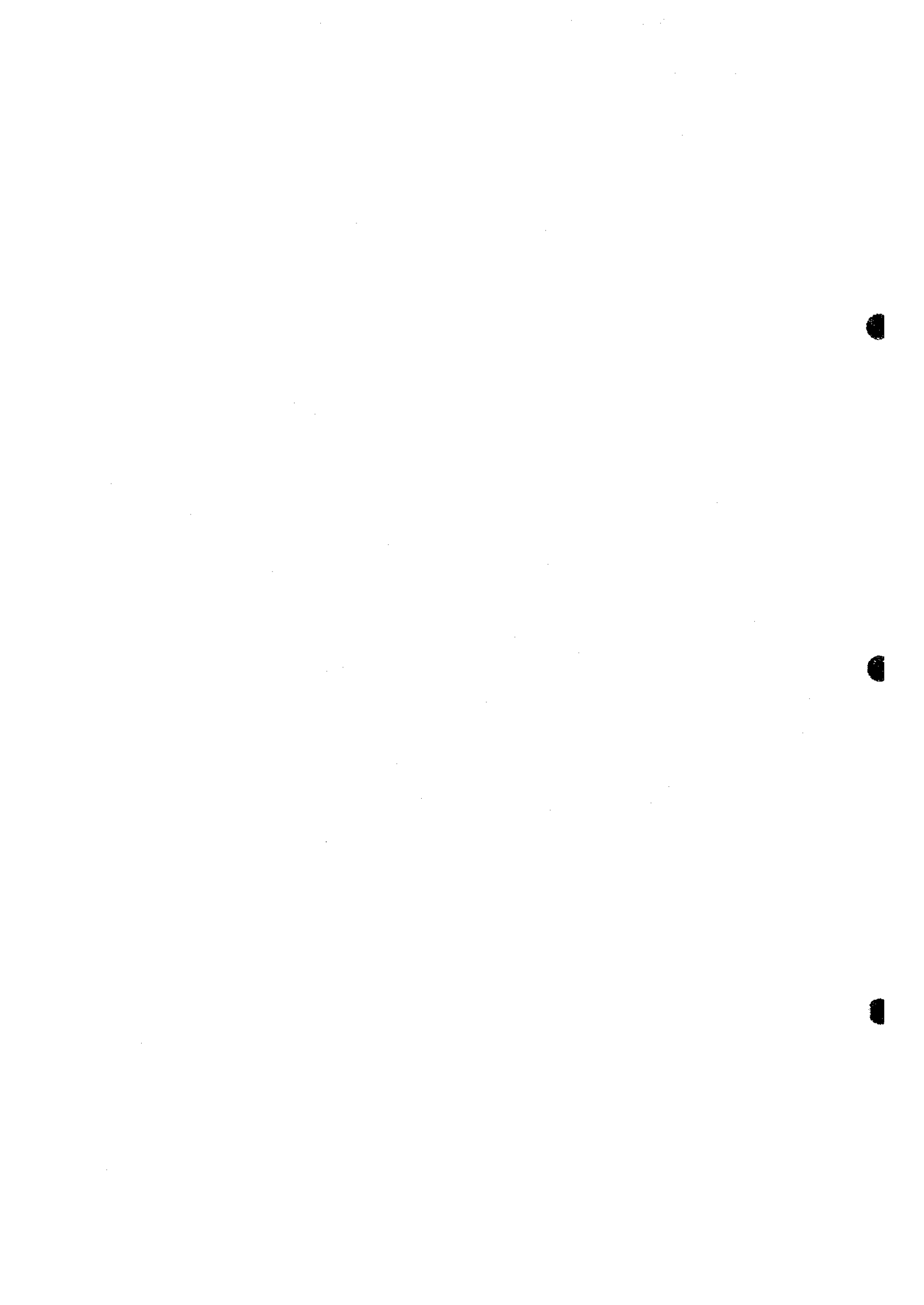
SAN ANTONIO PROYECTO M J II S - 11

CORDENADAS : X : 2 626E
Y : 191N
Z : 1,130m

RUMBO : 210°
INCLINACION : 60°
LONGITUD : 150.10m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO											
		GEOLOGIA	MINERALIZACION	PROF m	ESPESES m	Au (ppb)	Ag (g/l)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	As (%)	Sb (%)	Pb (%)
100		arena, marron clara	muy poca py imp												
		"	"												
103.00		egl gris oscuro	poca py imp												
		cly ba gris	"												
105.80		arenisca? gris arcillosa limolita? fuertez arg.	py imp												
107.00		egl gris arcilloso, grava de gz, f-arg. suave	"												
108.10		marga? gris clara, arcilloso muy f. arg. suave	"												
110		"	"												
		arcilla	"												
		arcilla gris	"												
		"	py												
		" blanca, (arcillosa) f arg. suave	"												
116.90		egl gris (arenoso) qz. $\phi < 0.5$	"												
120		"	"												
		5 ha	"												
		gris oscuro (duro) verdoso (chi?) qz. $\phi < 1.5$	"												
123.20		marga? gris arcillosa (muy suave)	"												
		"	"												
125.35		arenisca gris oscura, verdosa dura. sil? fina-media	muy poca py imp py imp												
		45° 0.5 cly	cly por fract												
		45° cly	"												
		45° cly	"												
		50°	gris, fina												
		40° 25 cly	"												
130		45° cly	"												
		50° cly	"												
		5 cly	"												
131.70		45°	"												
		marga gris (arenisca fina) fosilifera	"												
		"	"												
		bx. cly	"												
		"	"												
		"	"												
		30° 5 cly bx	"												
138.40		15 bx cly	"												
		50°	"												
140		60° 20 cly	"												
140.60		60°	"												
		70° 5 cly	"												
		50°	"												
		45° 3 cly	"												
145.40		caliza gris (part latita)	"												
		60°	"												
		70°	"												
		70°	"												
150		"	"												

150.10m Fin



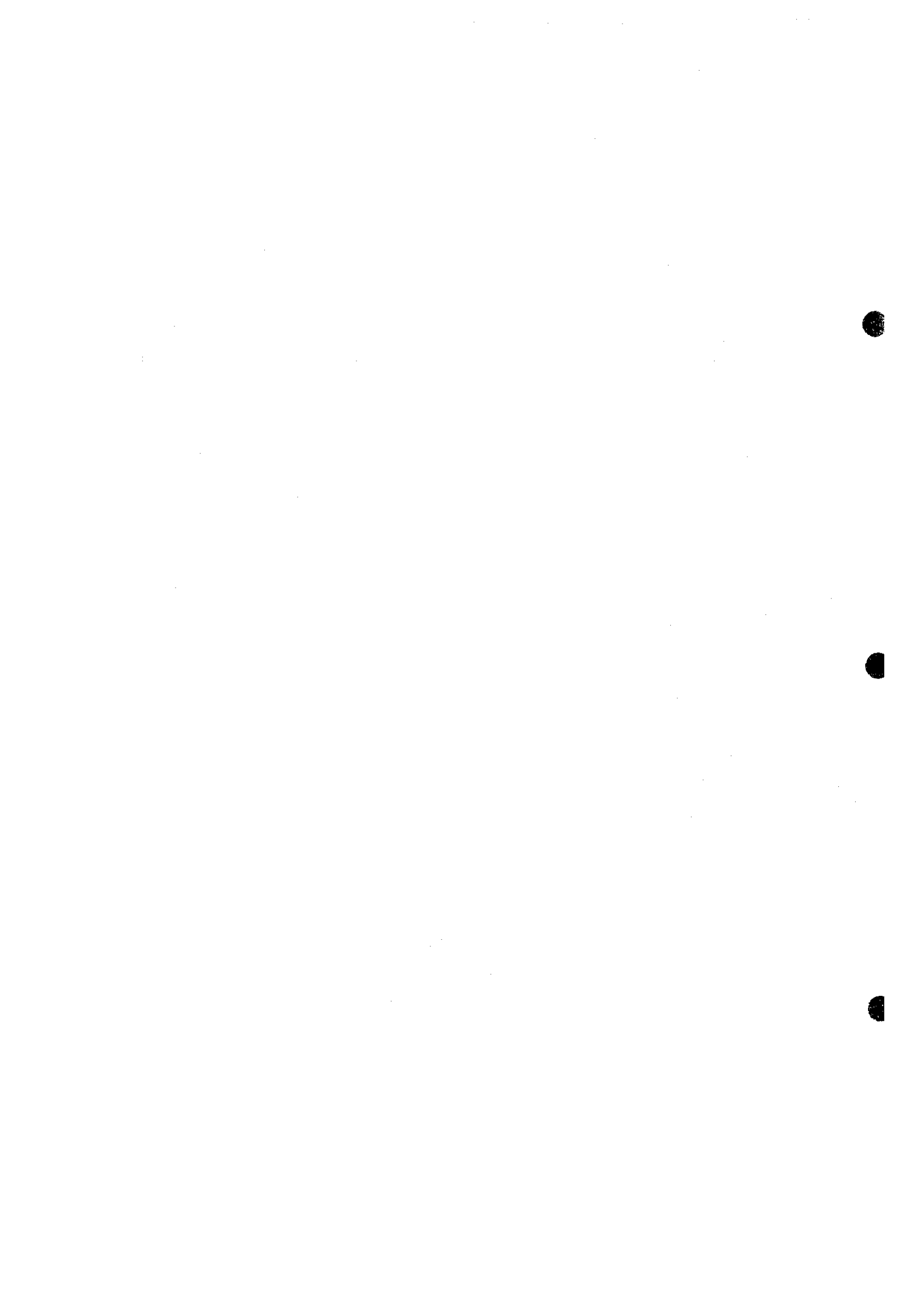
SAN ANTONIO PROYECTO M J H S - 12

COORDENADAS : X : 2,64E
Y : 116N
Z : 1,198m

RUMBO : 30'
INCLINACION : -73'
LONGITUD : 450.30m

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 (%)
100		lutita negra calcarea fosilifera (marga)	<500' cal muy poca py												
		< 45' bc	"												
		< 50'	"												
		< 45'	"												
		< 50'	"												
		< 50'	"												
		< 45'	"												
110		< 40'	"												
113.88		conoly	<450' cal												
		< 45' bc,oly	<55' cal												
		"	<60' cal												
		"	"												
		"	<50' cal												
		"	<40' cal												
		< 45' bc	"												
		< 60' bc	"												
		"	"												
120		< 45'	"												
121.50			"												
		caliza gris clara, fosilifera (con marga gris oscura)	<50' cal												
		"	<70' cal												
		"	<60' cal												
		< 60'	"												
		< 10' bc	"												
		< 45'	"												
		< 45'	"												
129.50		< 45'	"												
130		< 45'	"												
		< 45'	"												
		"	<50' cal												
133.00		ba	"												
133.60			"												
133.88		caliza? alterada con rodocrosita	<70' cal (f)-m py imp												
		"	<70' cal												
135.60		< 45'	"												
136.30		< 45'	"												
		caliza gris clara	<70' cal muy poca py imp												
		caliza? alterada con rodocrosita	m py imp												
		"	"												
138.40		< 45'	"												
		< 60' bc,oly	lutita negra												
		80' bc	"												
140			"												
		caliza gris clara, masiva	"												
		"	"												
		" (marga por fract)	"												
		< 45' 20' bc	"												
		"	"												
		70'	"												
		70'	"												
		"	"												
		"	"												
149.50			"												
150		marga brechada	"												

150.30 fm



SAN ANTONIO PROYECTO

M J H S - 13

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

RUMBO : 30°
INCLINACION: -50°
LONGITUD : 150.40m

PROF (m)	COLUMNA GEOLOGICA	DESCRIPCION		ENSAYO															
		GEOLOGIA	MINERALIZACION	PROF m	ESPFS m	Au (ppb)	Ag (g)	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	23.70	0.98	0.57	<0.001				
		"	Sc 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° " "	sp imp	58.00															
		40° " "	sp imp	60.00	2.00	120	6	<0.01	0.07	0.16	7.06	7.68	0.32	0.01	<0.001				
		10° ba cly	"	60.00															
		60° cly	"	62.00	2.00	265	12	<0.01	0.34	0.22	6.94	7.48	0.08	0.01	<0.001				
		30° " "	"	62.00															
		45° " "	sp imp	62.00															
		0° 15' cly	"	64.00	2.00	565	47	0.01	0.26	0.49	6.46	7.35	0.08	0.02	<0.001				
		40° " "	"	64.00															
		20° 0' 15" qz	sp imp	64.00	1.10	40	10	<0.01	0.48	0.59	3.75	4.34	0.03	<0.01	<0.001				
65.10		marga negra fosil	poca py imp																
65.50		30° 35' cly ba	"																
		70° " "	"																
		40° 35' cly ba	"																
		60° " "	"																
70		ba cly	"																
72.50		roca alterada	m py imp																
73.10		ba cly	Mn-qz																
74.40		"	"																
		"	m py imp																
		"	con rodocrosita																
		"	10° qz imp 3%																
78.10		"	s. film																
79.10		ba cly dura (ba de py)	poca py imp																
80		suave	"																
80.30		"	"																
80.90		45° 35' ba	caliza gris clara																
81.60		"	"																
		"	marga gris oscura verdosa brechada suave (ba. ls)																
85.30		ba cly	"																
87.70		10° caliza cly	lutita negra calcarea																
		ba cly	gris oscura verdosa (part caliza)																
90		"	"																
		"	"																
		"	"																
93.30		ba cly	"																
94.55		20° ba cly	"																
96.15		"	"																
		"	marroo																
		"	"																
		"	"																
100		"	"																

SAN ANTONIO PROYECTO

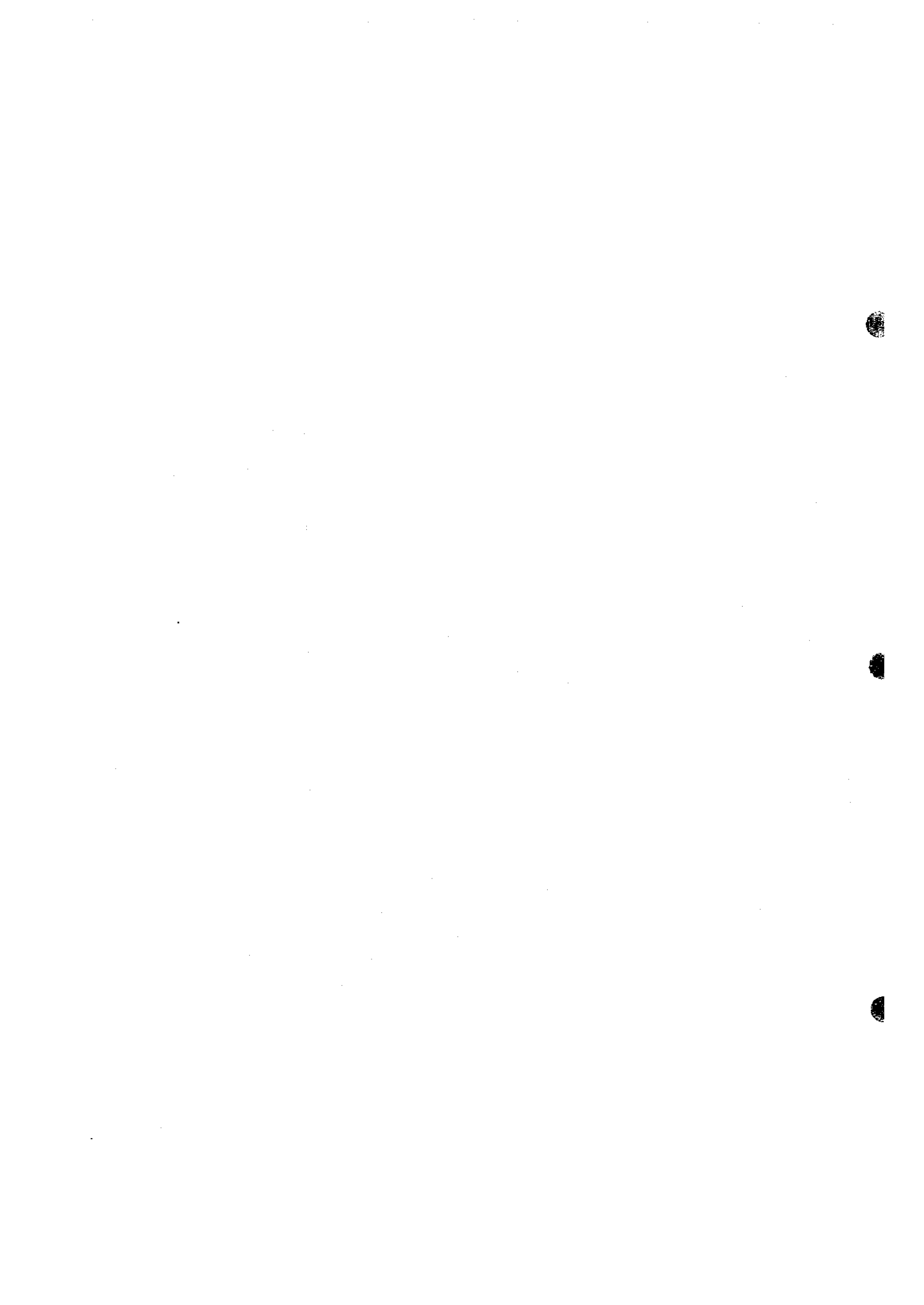
M J H S - 13

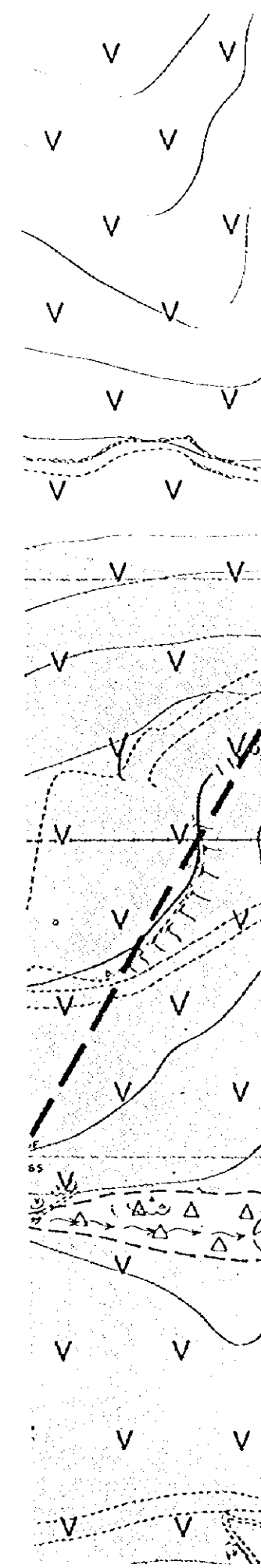
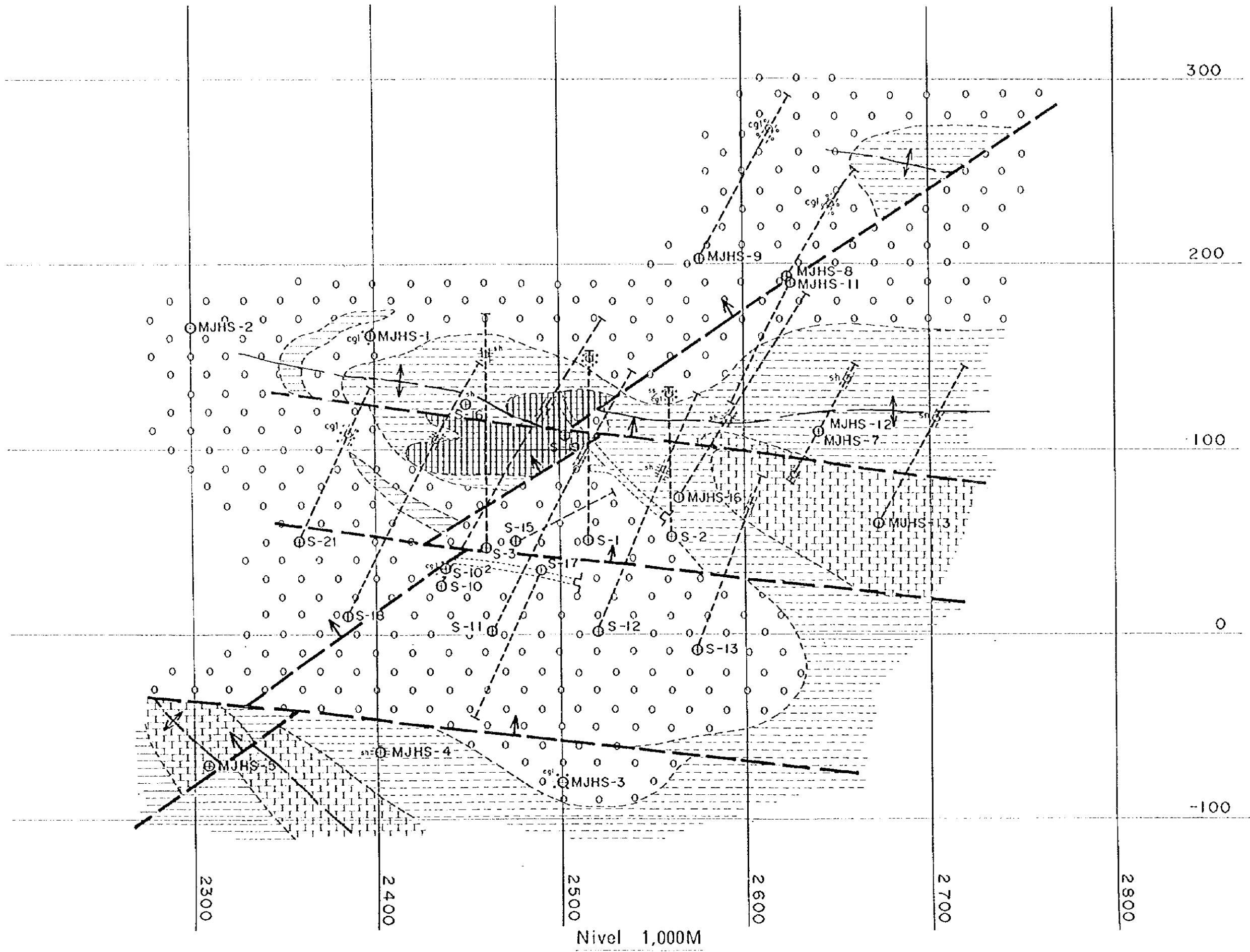
CORDENADAS: X: 2 672E
Y: 60N
Z: 1,077m

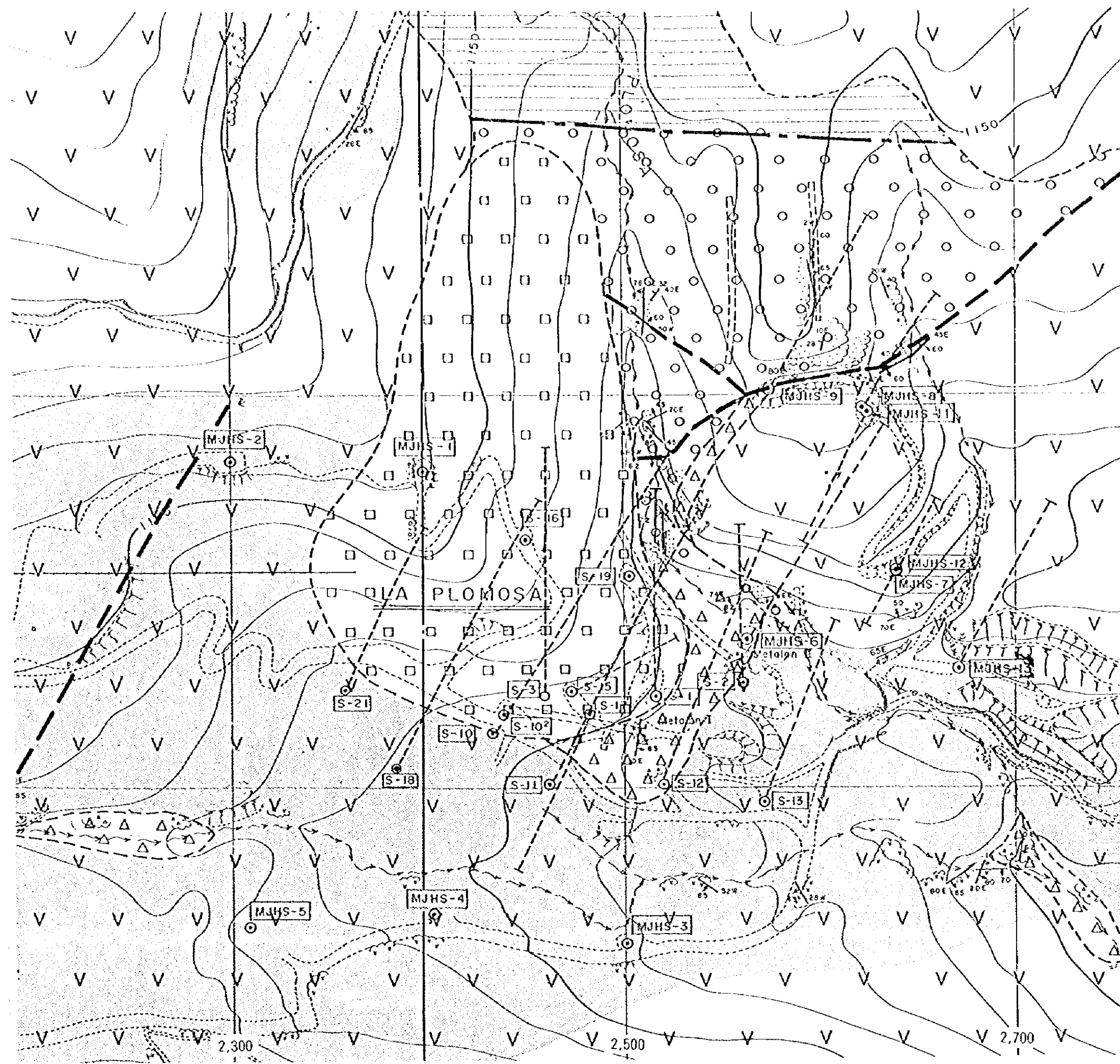
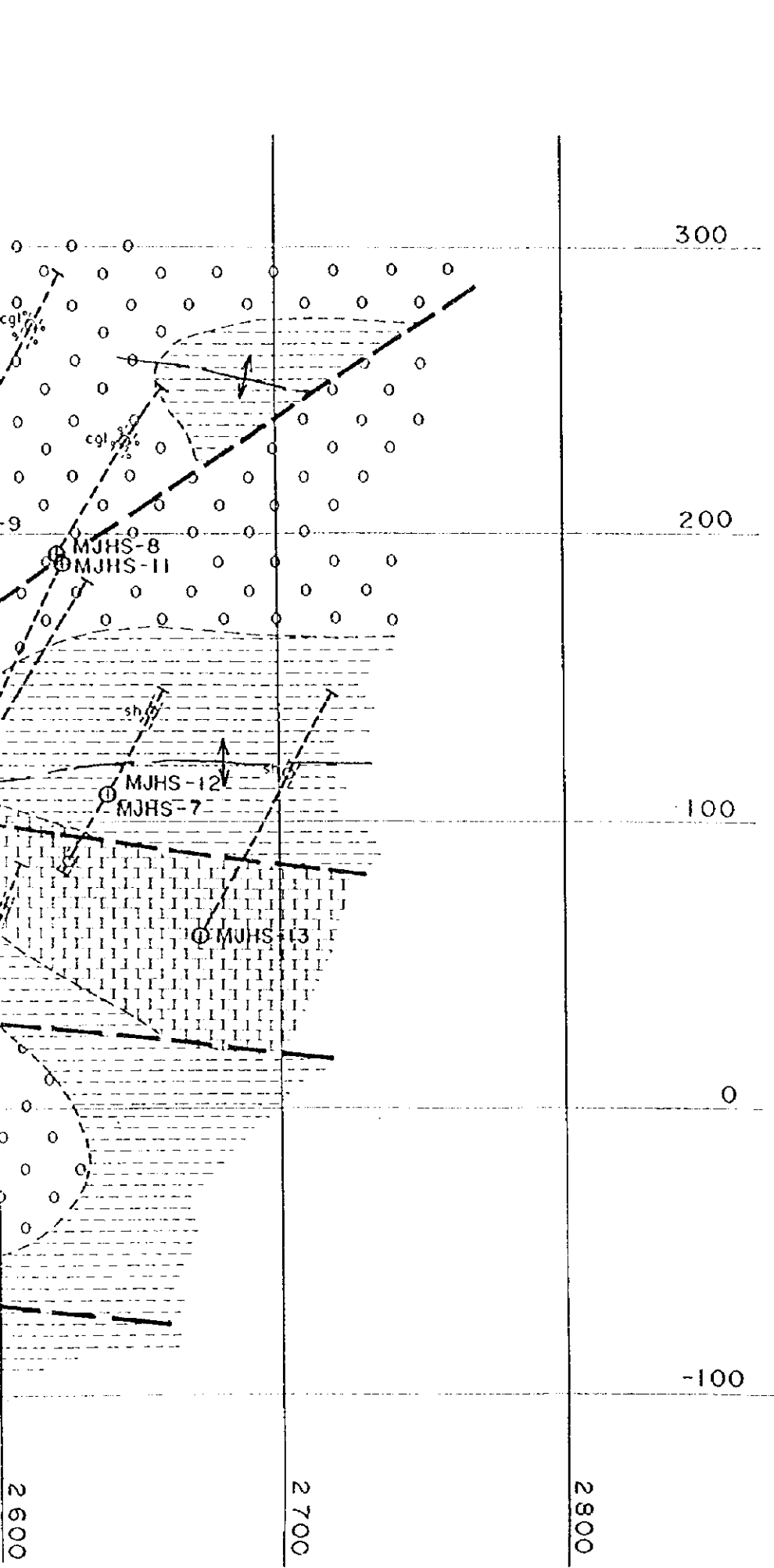
RUMBO : 30°
INCLINACION: -50°
LONGITUD : 150.40m

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 (%)
100		fuarga marron	30' 0 1° cal (cal net vchilla)												
		40' grs marronosa marron	65' 0 1° cal												
		45' "	"												
		70' 10° ba. cly	"												
		60' grs marronosa	70' 0 1° cal												
		45' marron	"												
		45' "	"												
		45' "	40' 0 8° cal												
		45' "	"												
110		20° ba. cly	"												
		45' 20° ba. cly	"												
		ba	60' cal												
		30° cly	"												
		"	"												
		"	50' 1° cal												
		"	"												
		50' "	45' cal												
		45' "	"												
120		"	"												
		45' "	"												
		"	"												
		"	60' cal												
		45' "	0' 0 1° cal												
		"	"												
		"	cal net												
		"	"												
		50' "	40' 1° cal												
130		"	"												
		40' "	"												
		40' "	"												
		40' "	"												
		"	"												
		40' "	"												
		"	grs												
		"	marron												
		"	"												
		50' "	"												
140		50' "	"												
		"	"												
		"	"												
		"	"												
		60' "	"												
		"	"												
		"	"												
148.40		ba	"												
150		arenisca gris, gruesa	"												
150.40															

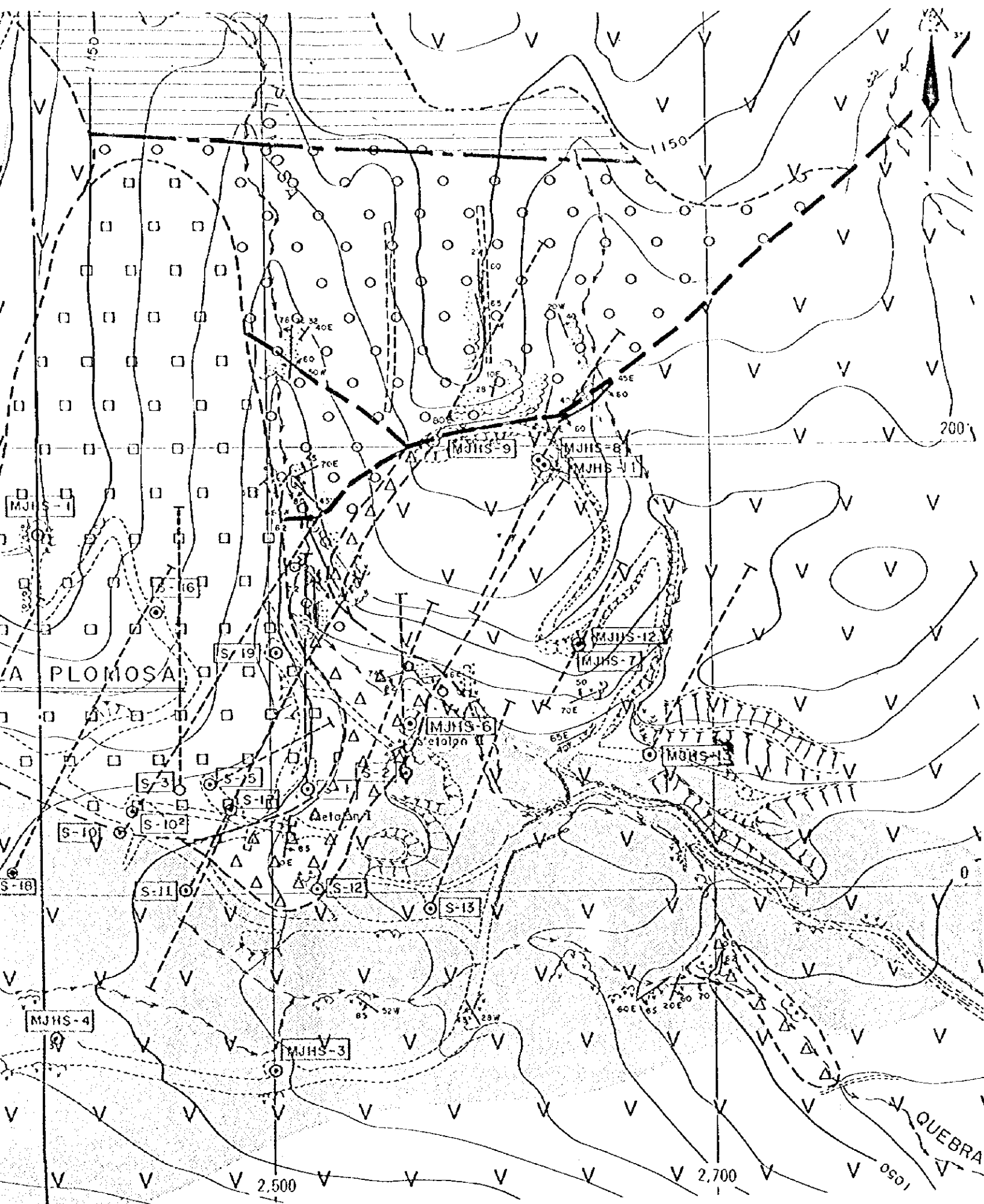
150.40 Fin







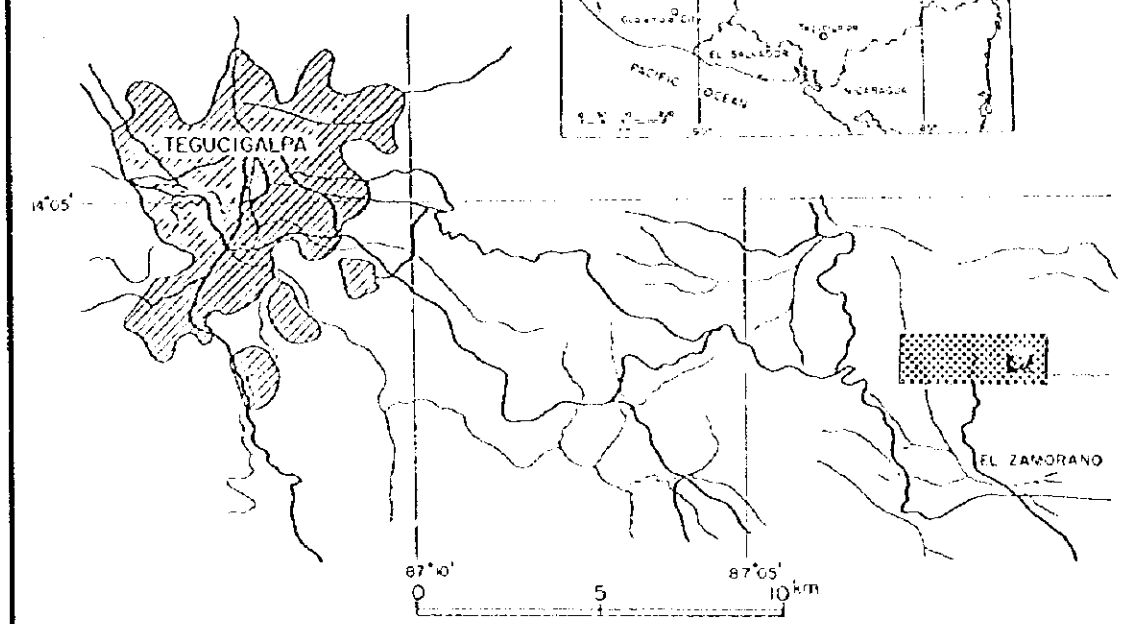
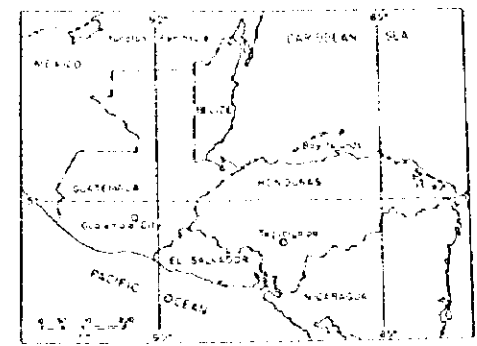
Superficie



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

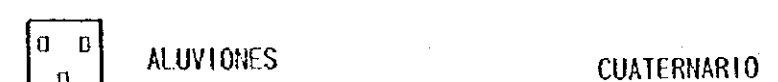
PL. 1

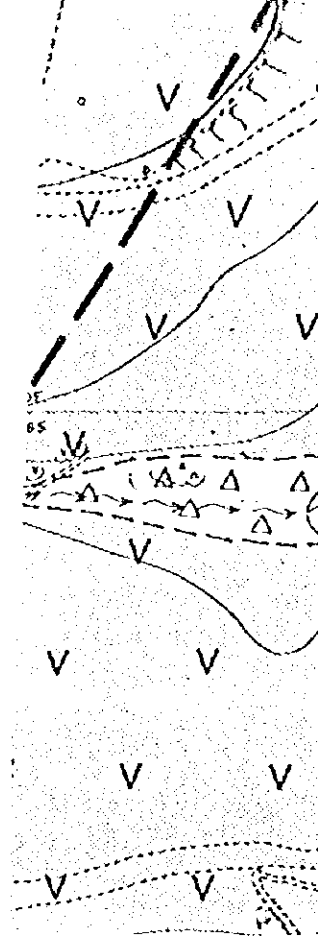
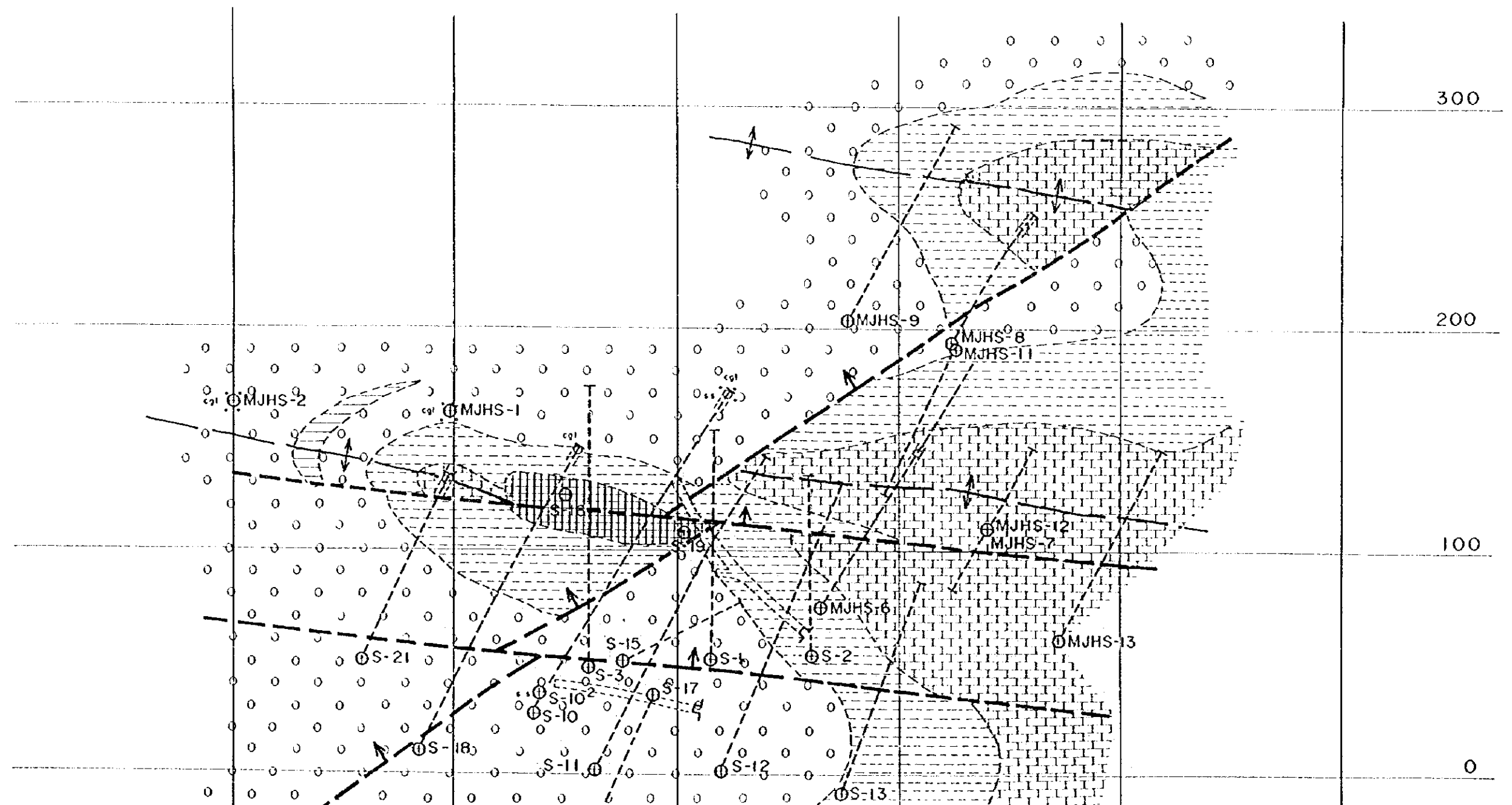
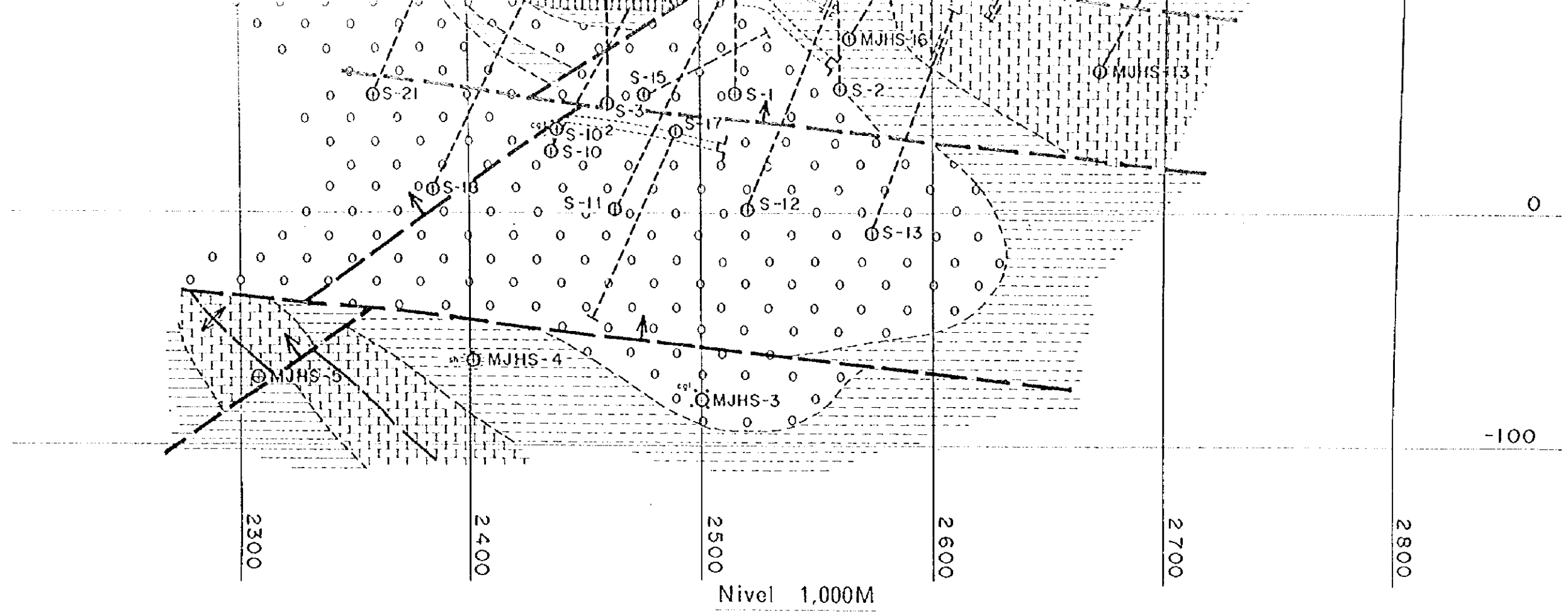
Mapa geológico (Sector La Plomosa)
 (Escala 1:2,000)

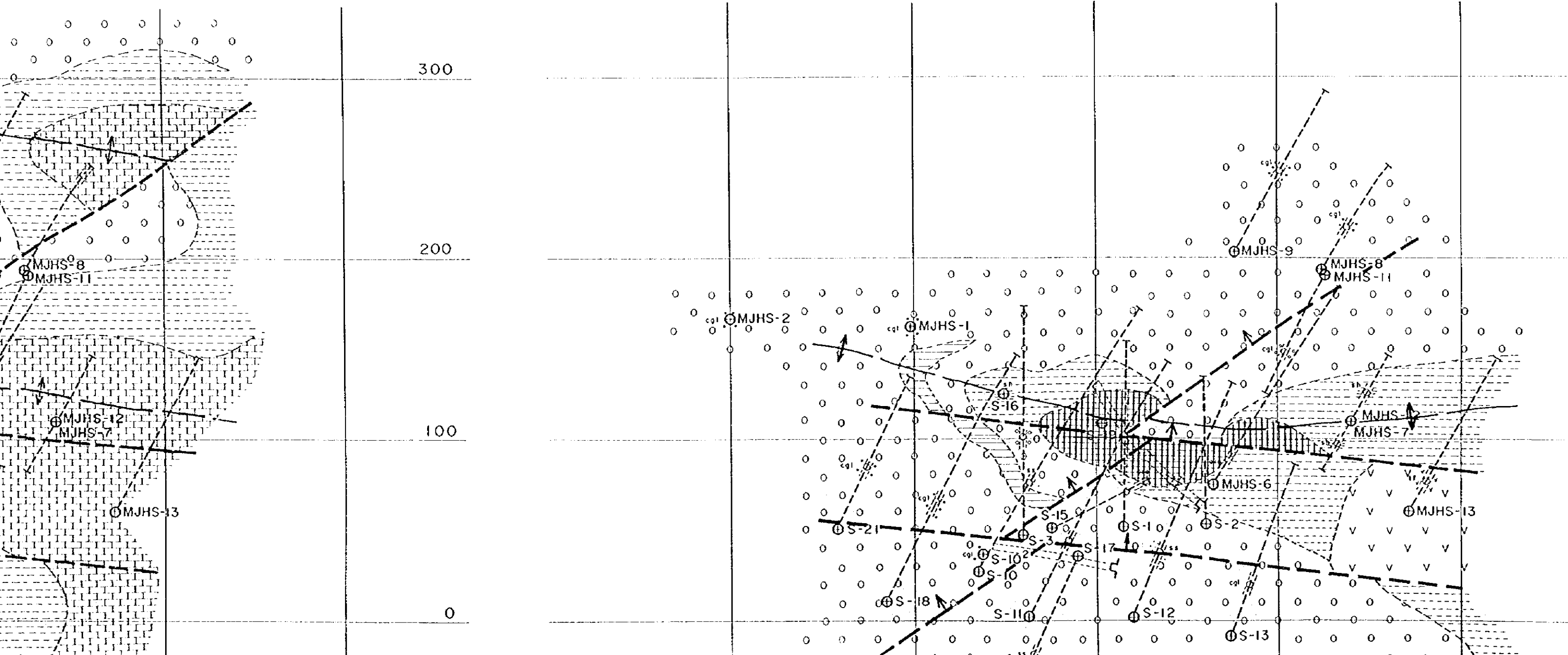
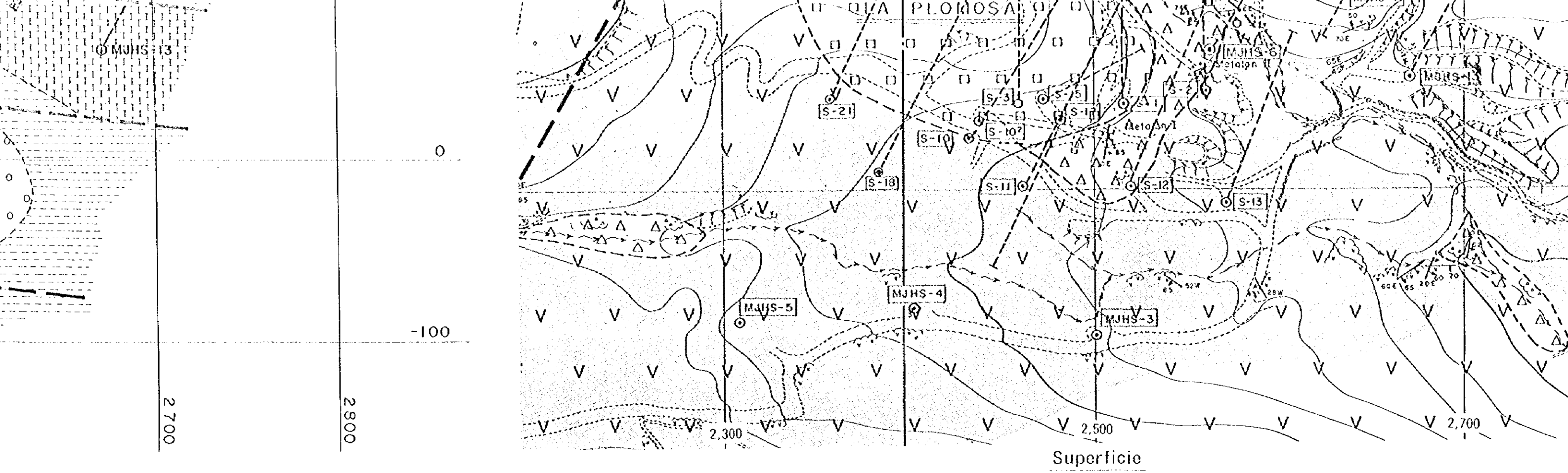


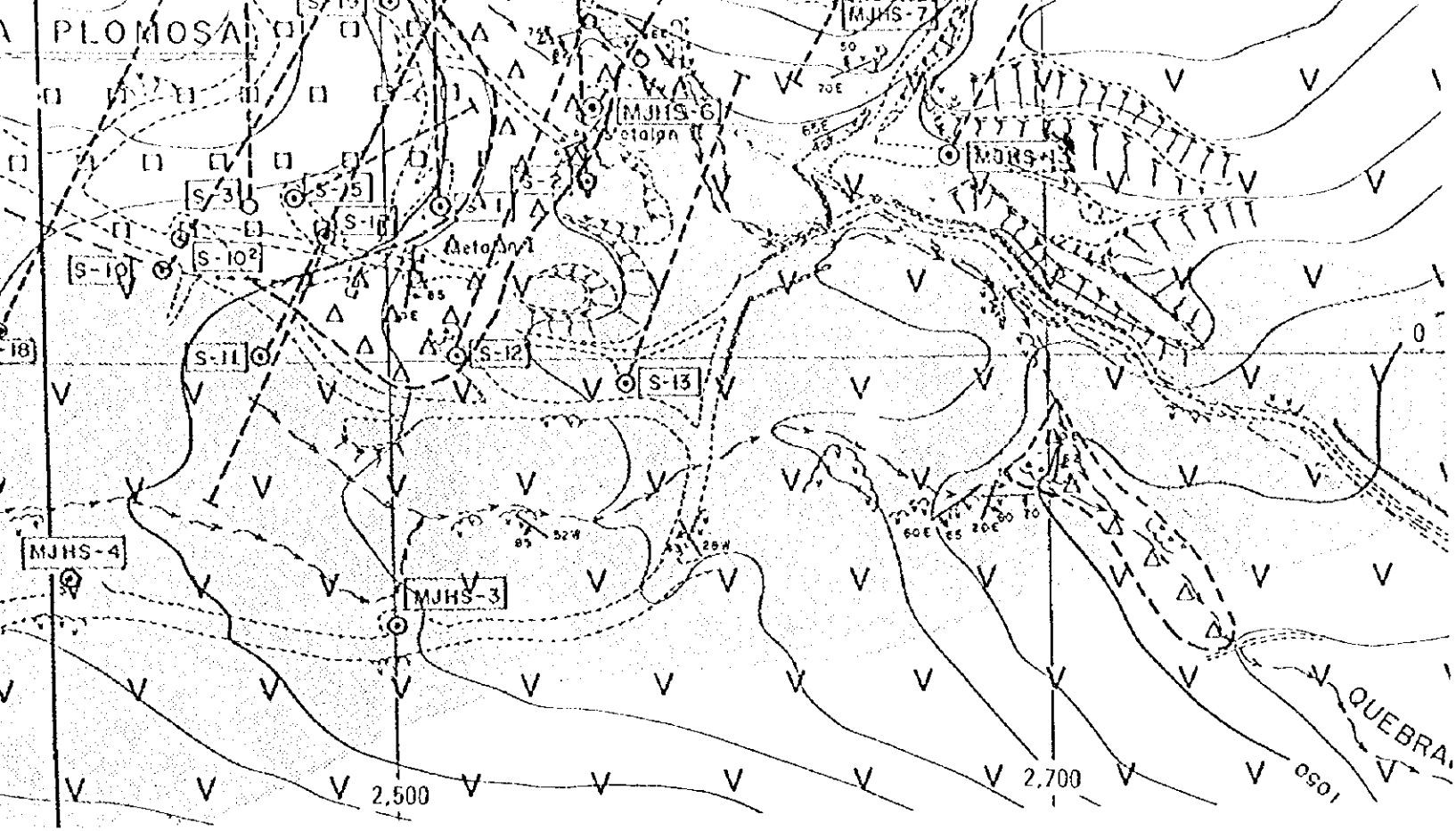
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 METAL MINING AGENCY OF JAPAN
 FEBRERO 1998

LEYENDA

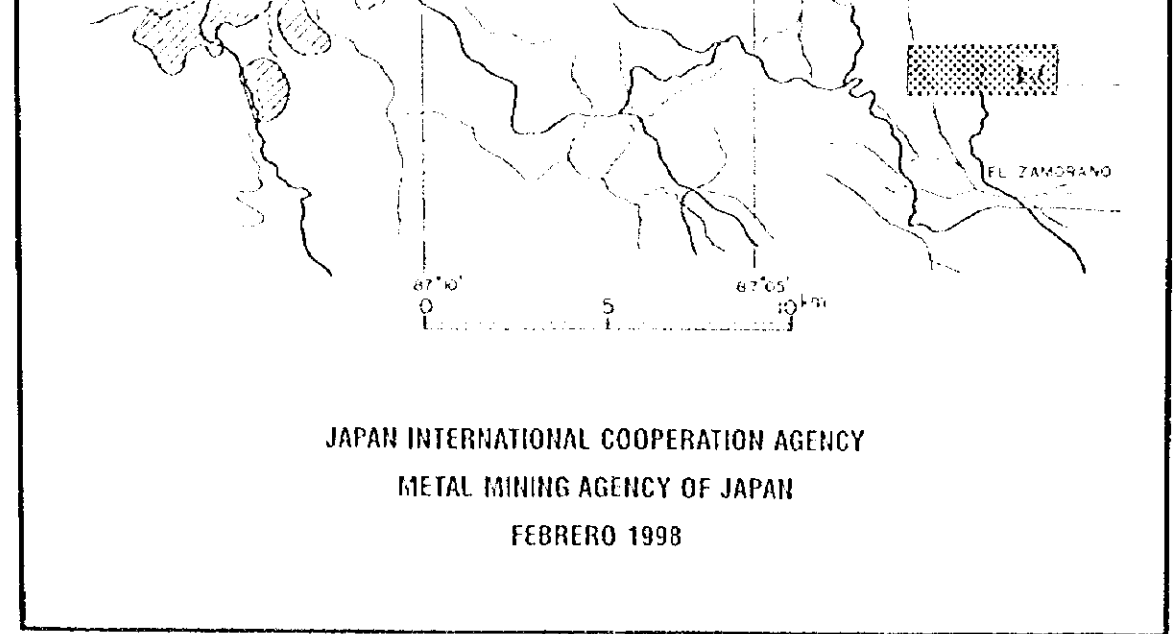
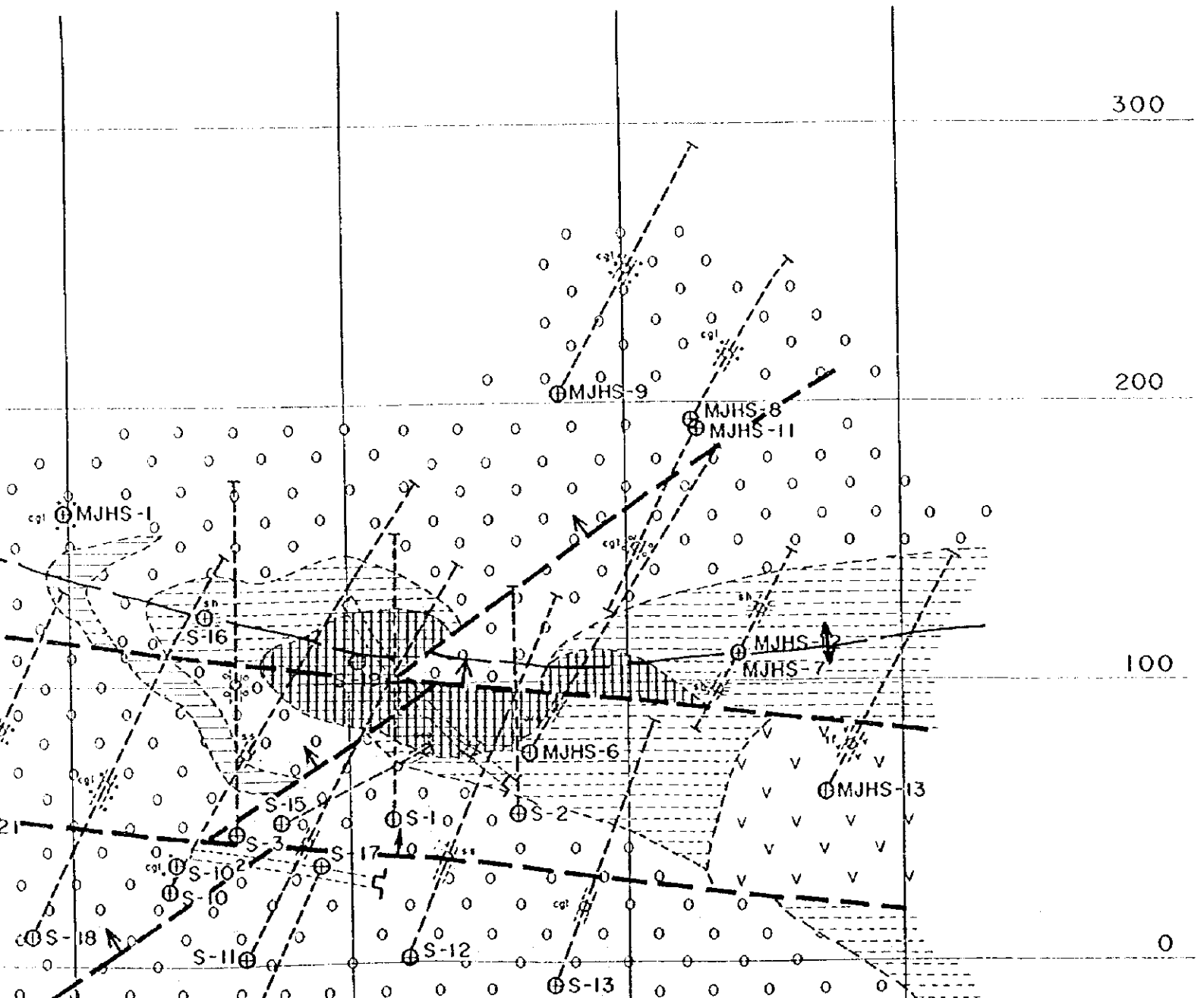








Superficie

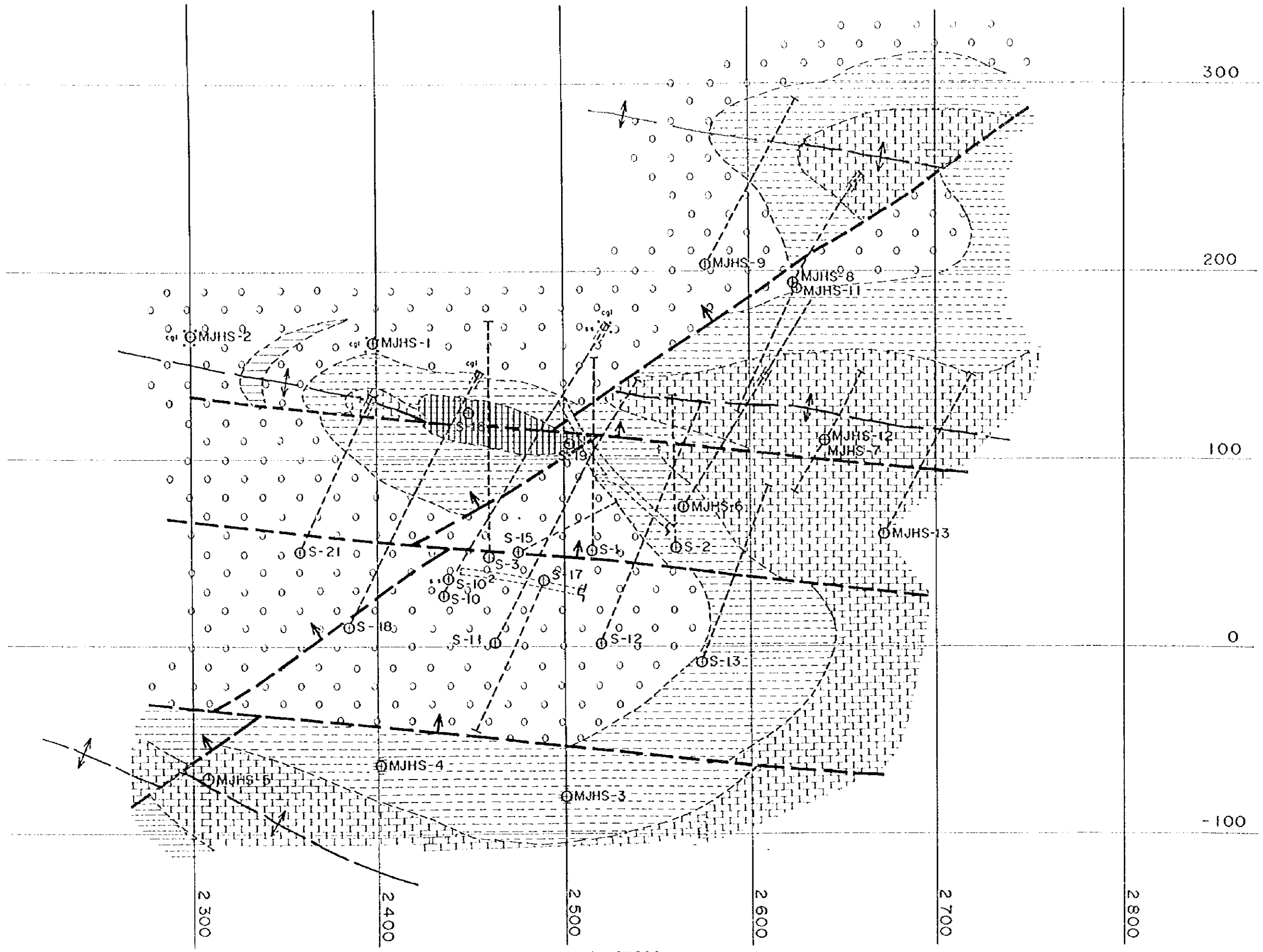


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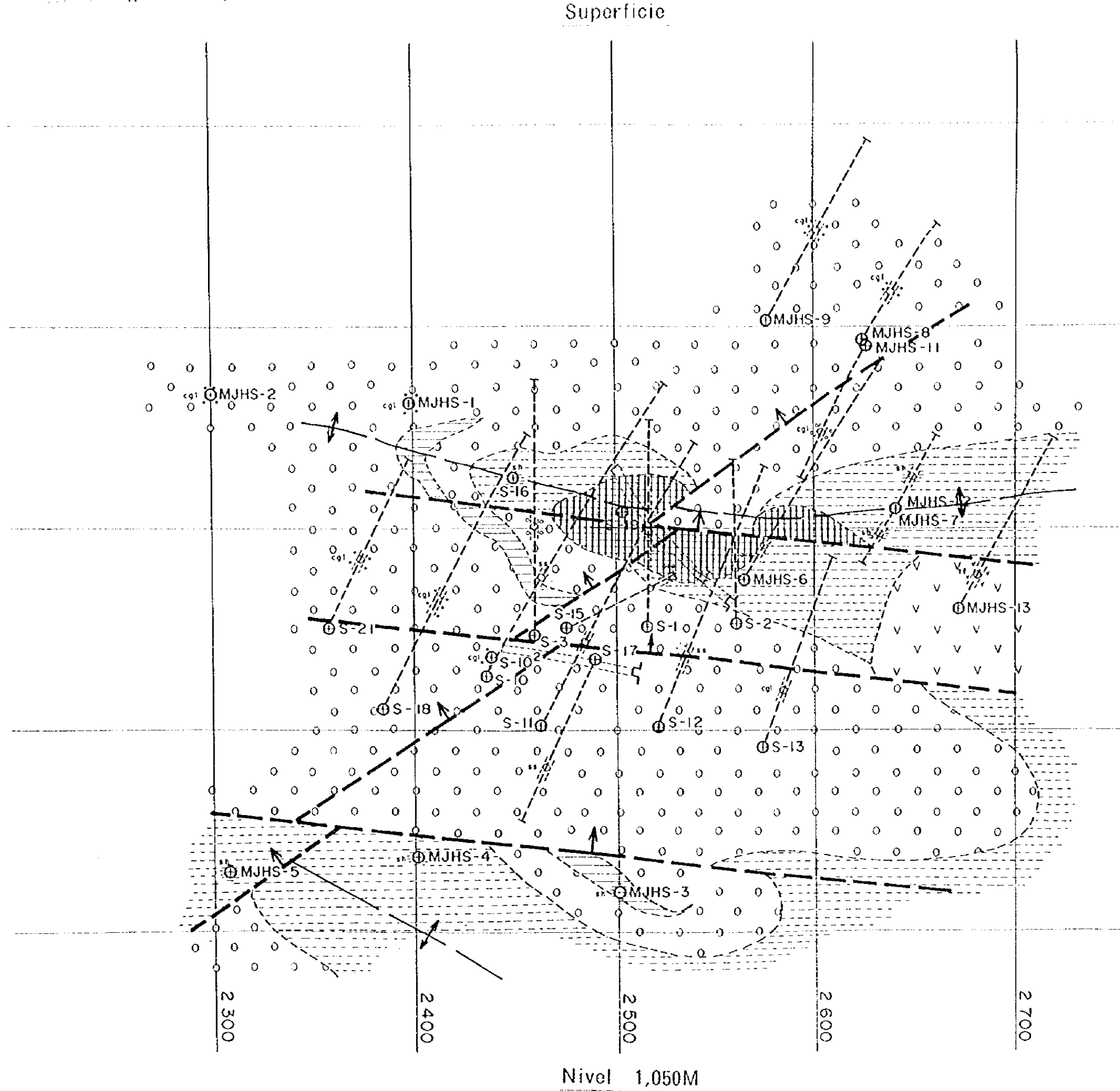
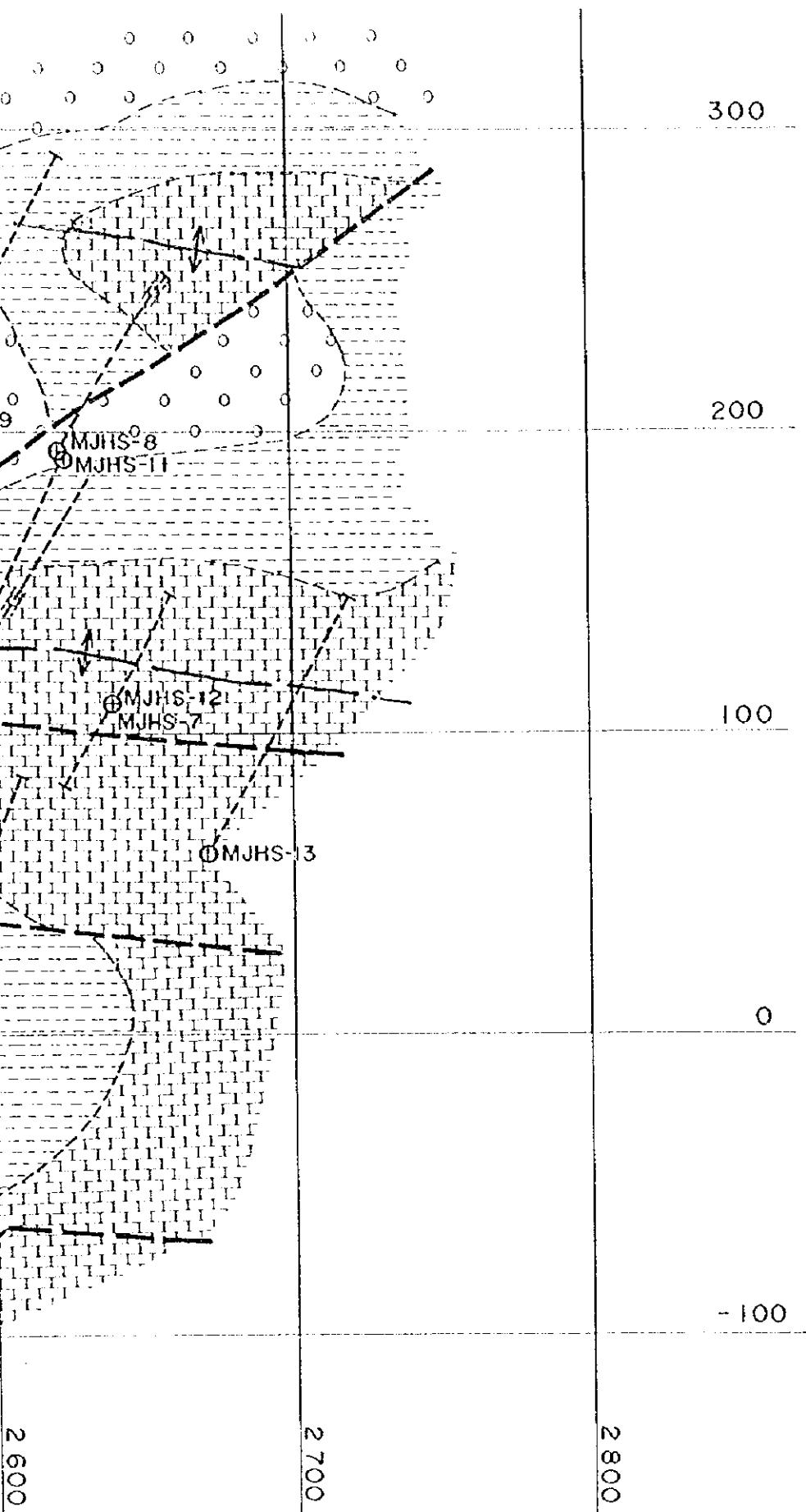
LEYENDA

- | | | | |
|------------------|---|---------------------|-------------|
| | 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 | | |
| | CALIZAS | F. ATIMA | |
| | ZONA MINERALIZADA | | |
| | ZONA ARGILIZADA | | |
| | EJE ANTICLINAL | | |

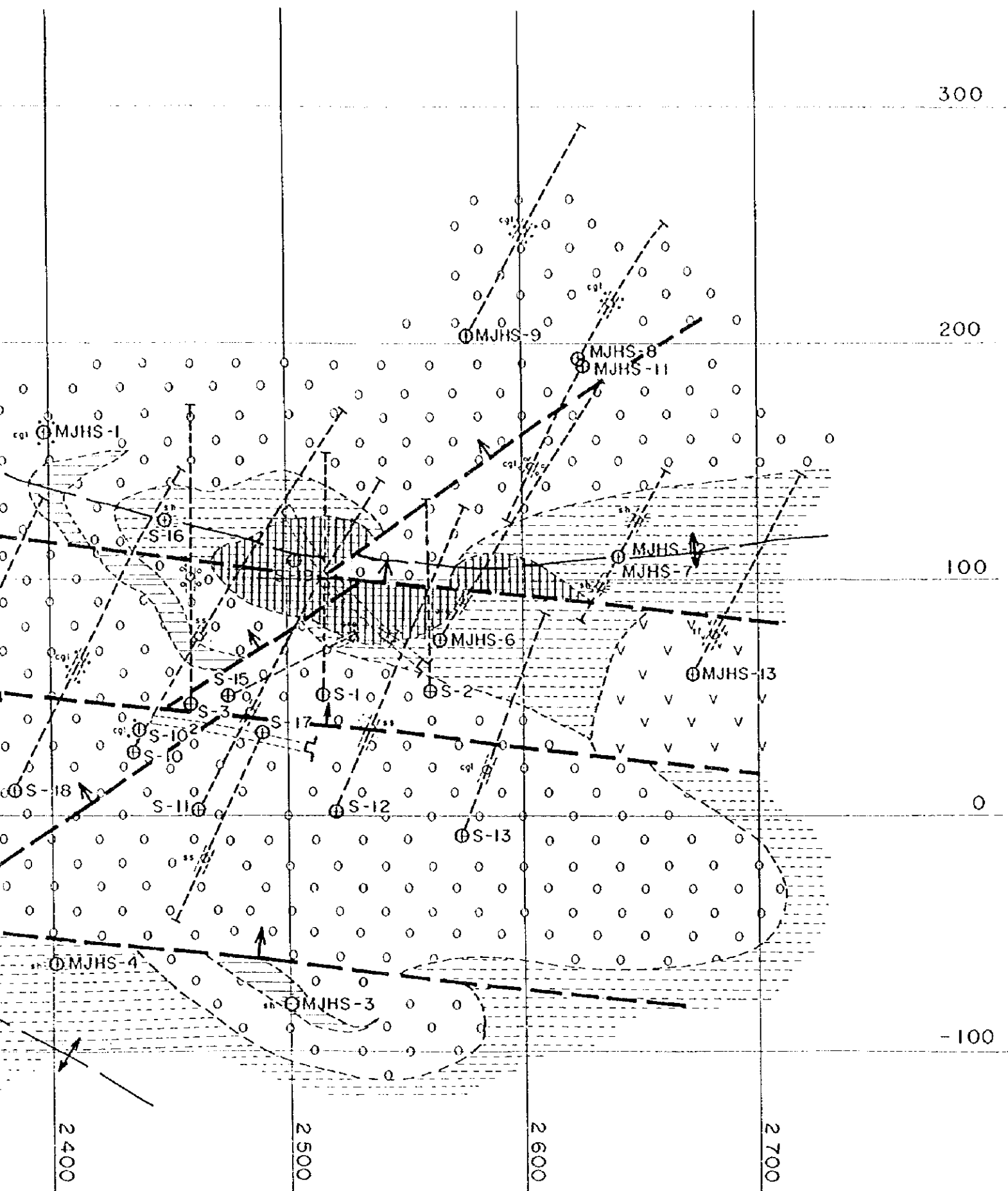
Nivel 1,000M



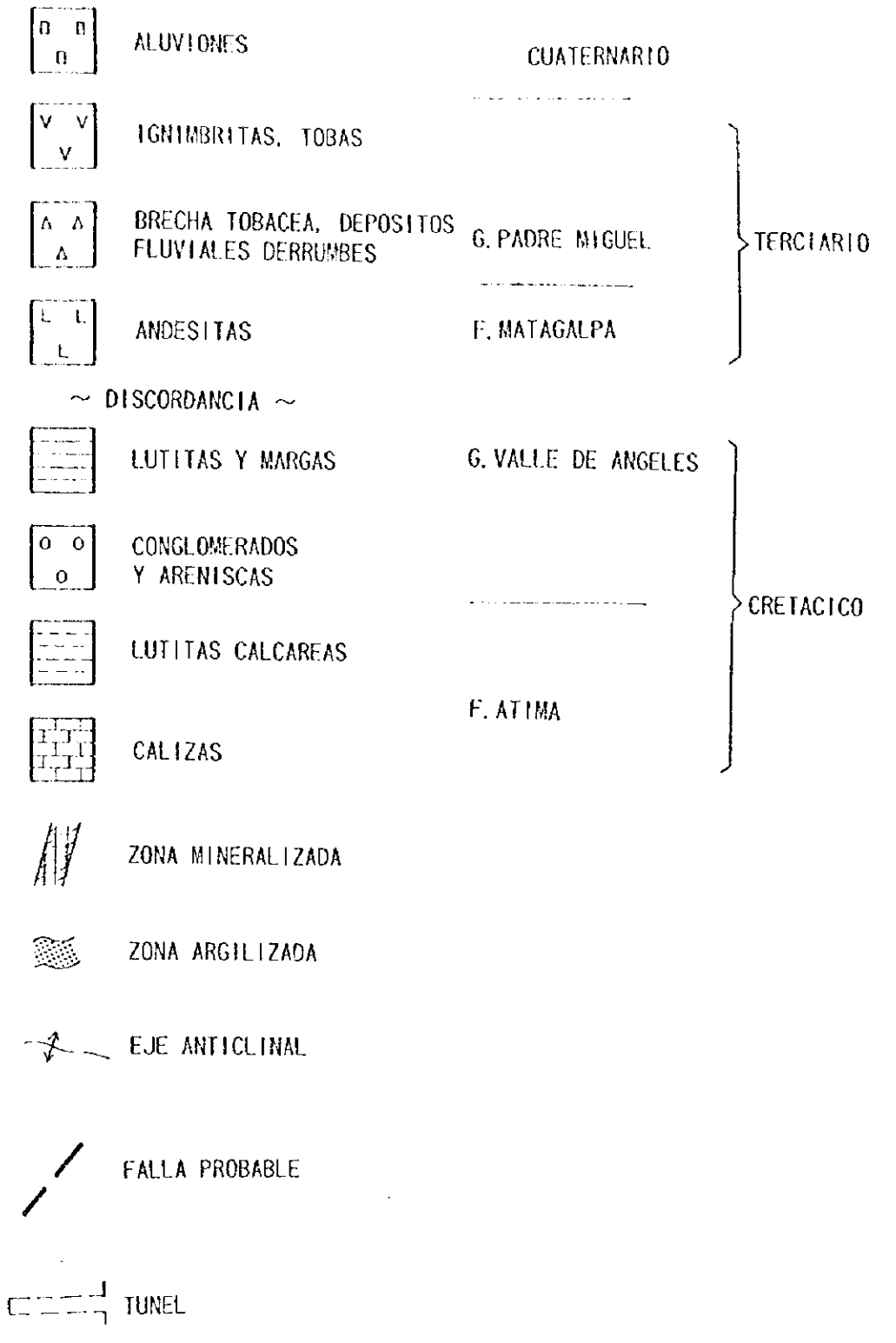
Nivel 950M

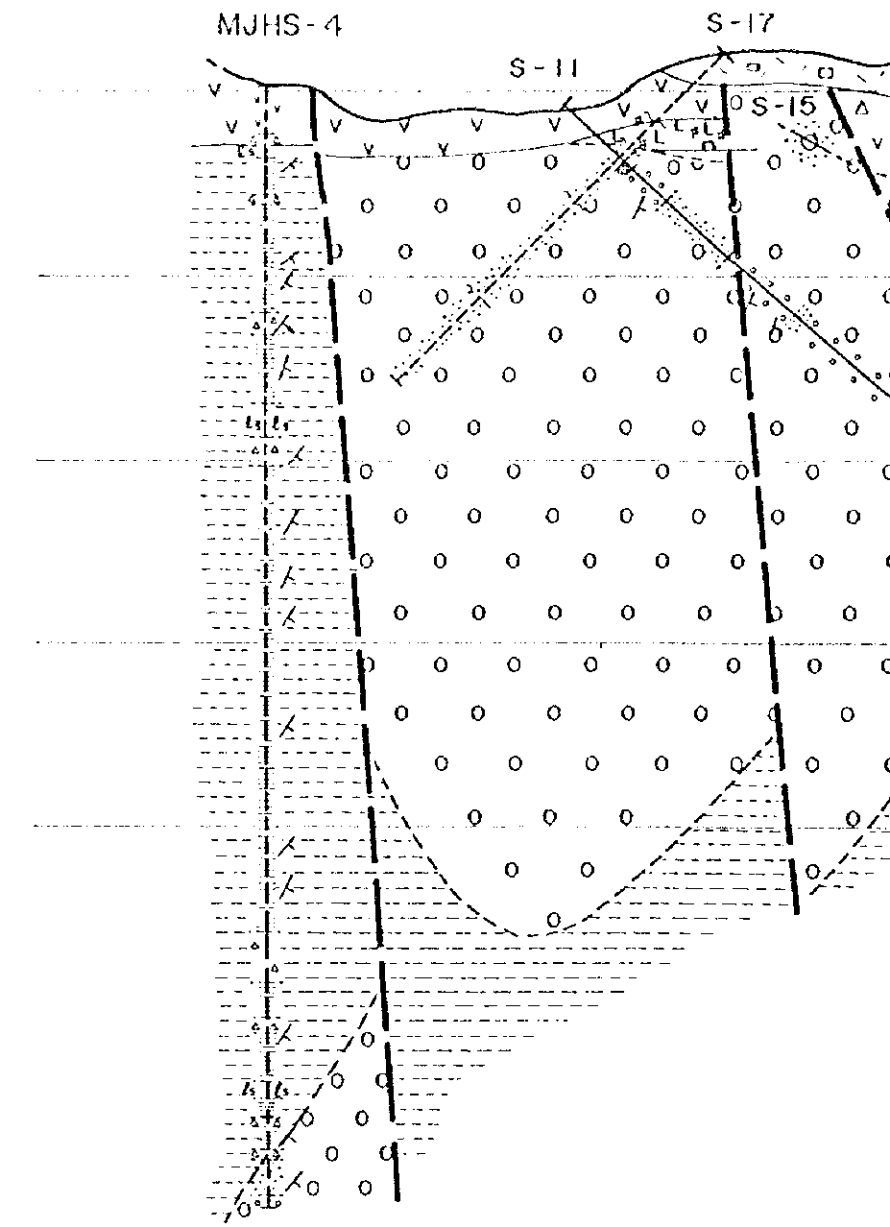
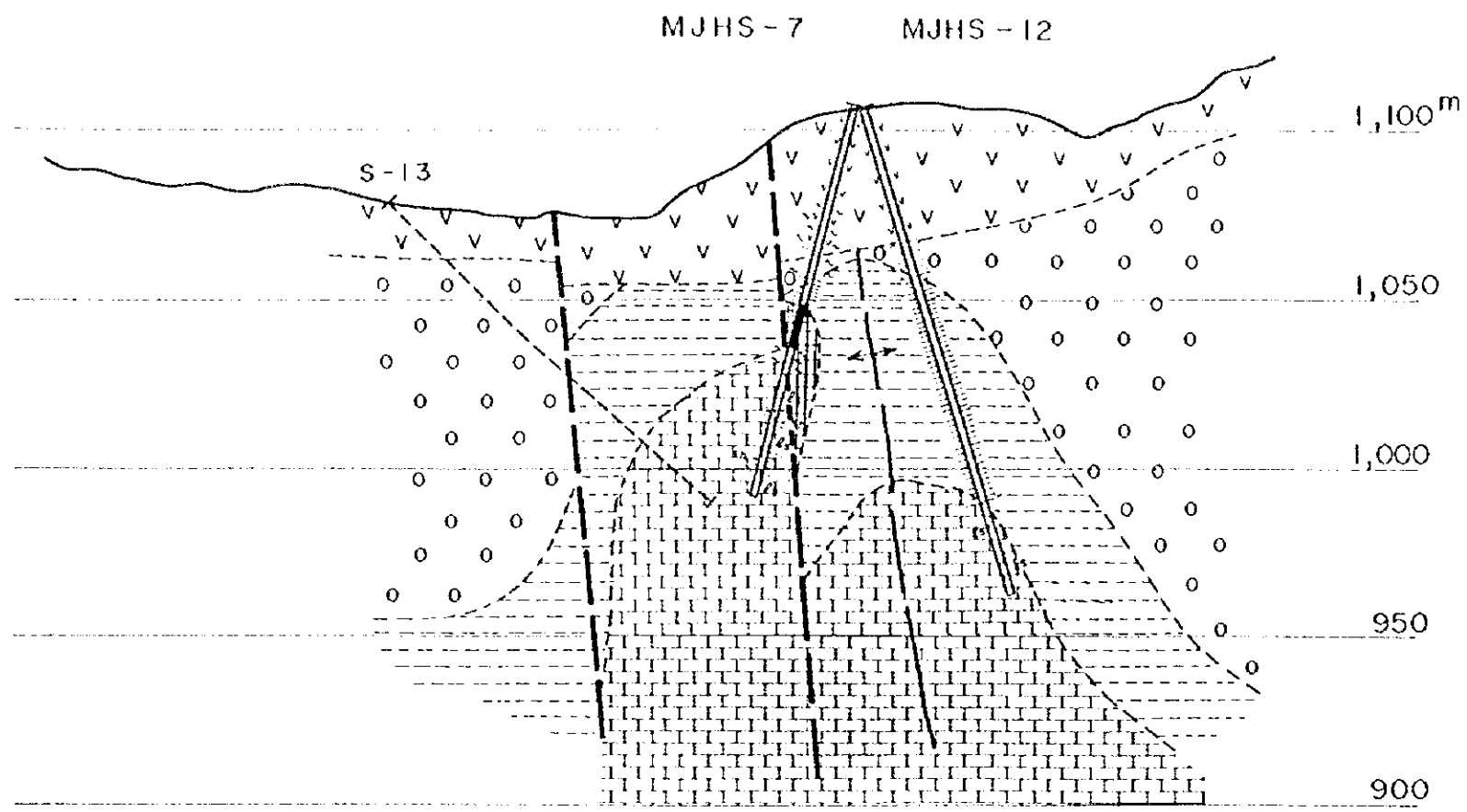


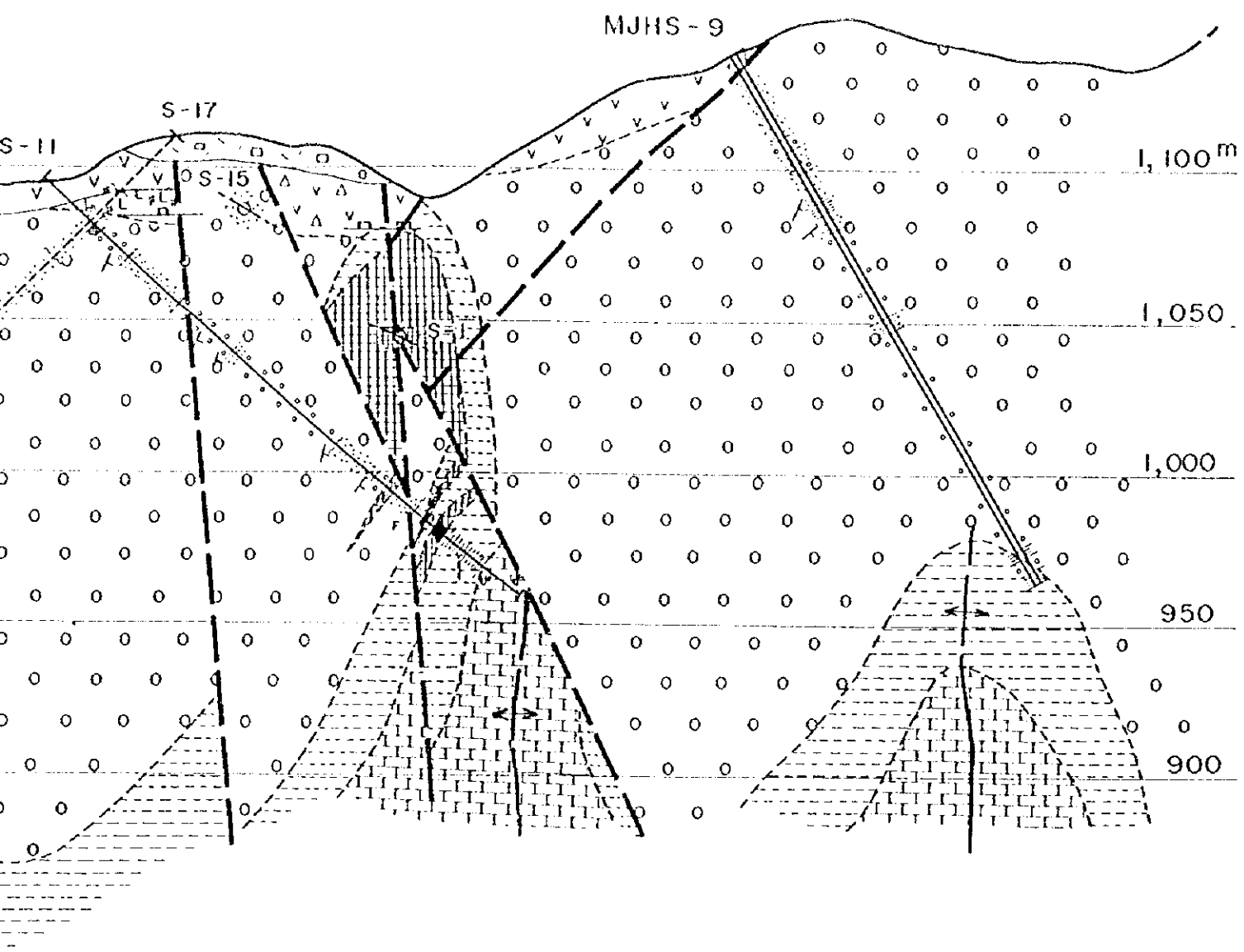
Superficie



Nivel 1,050M



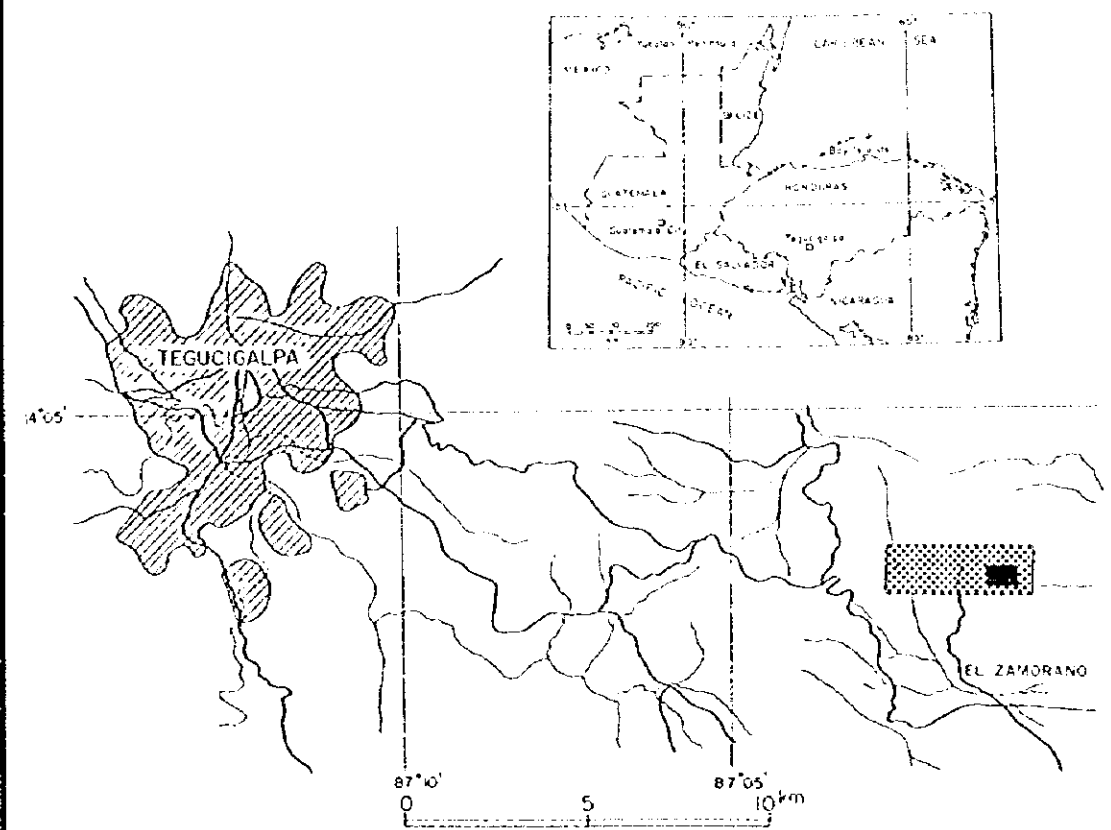




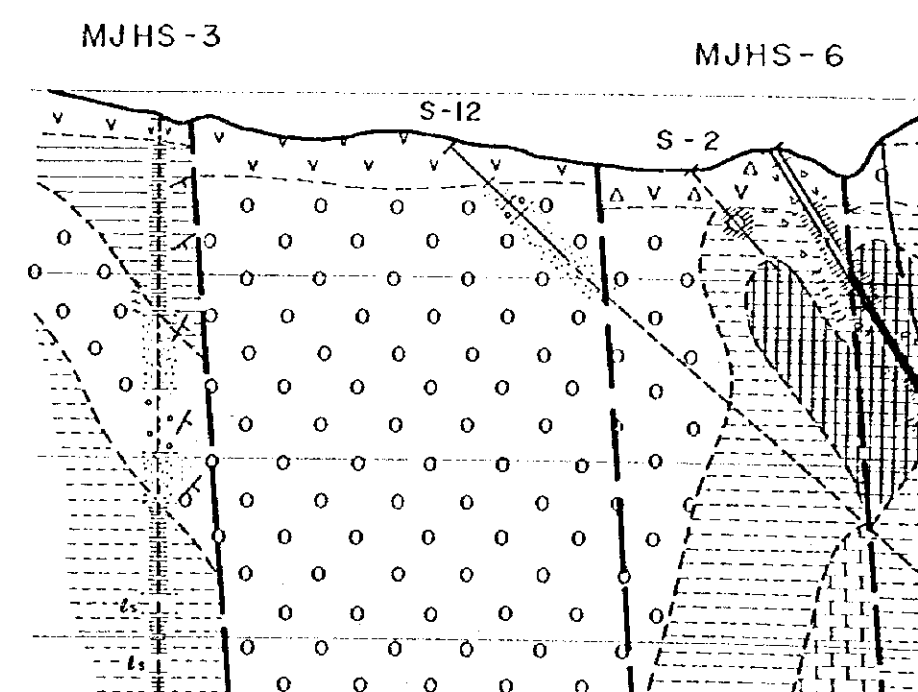
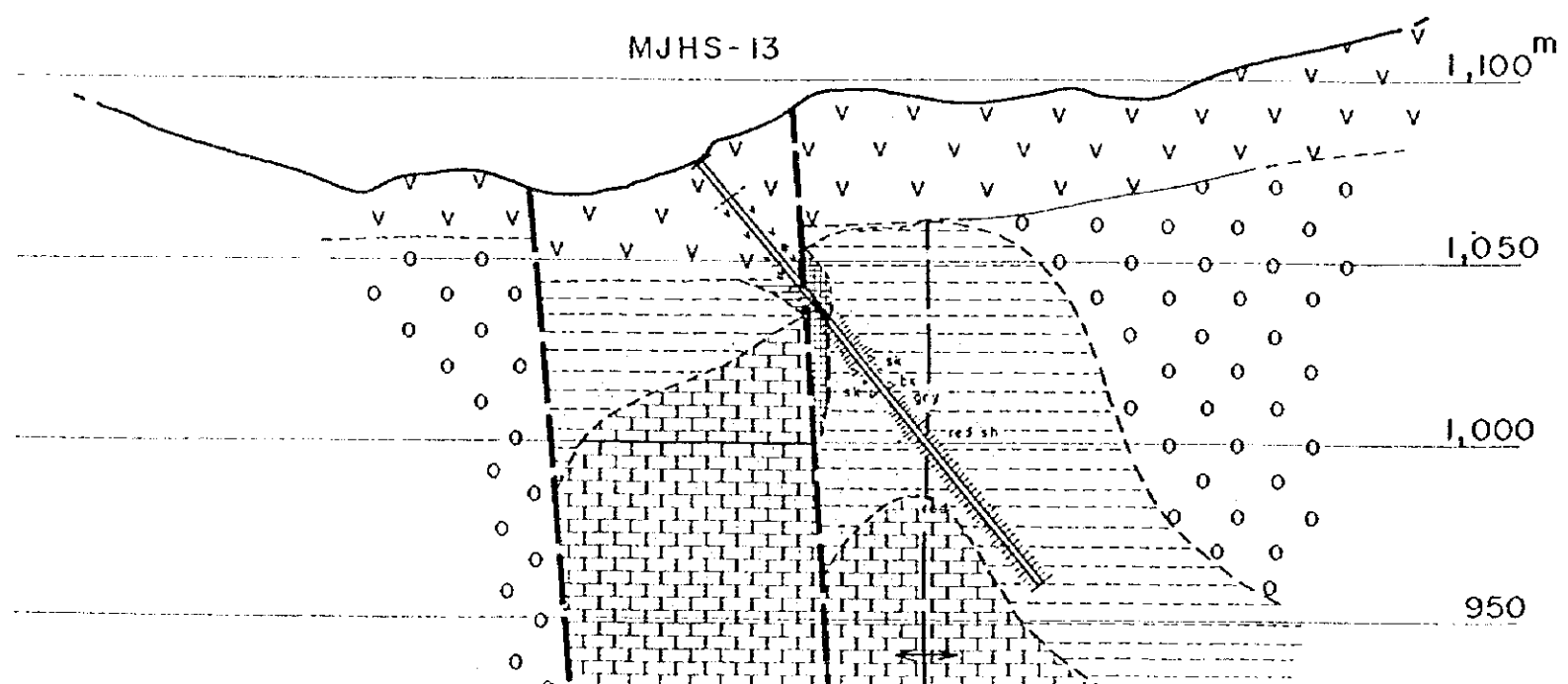
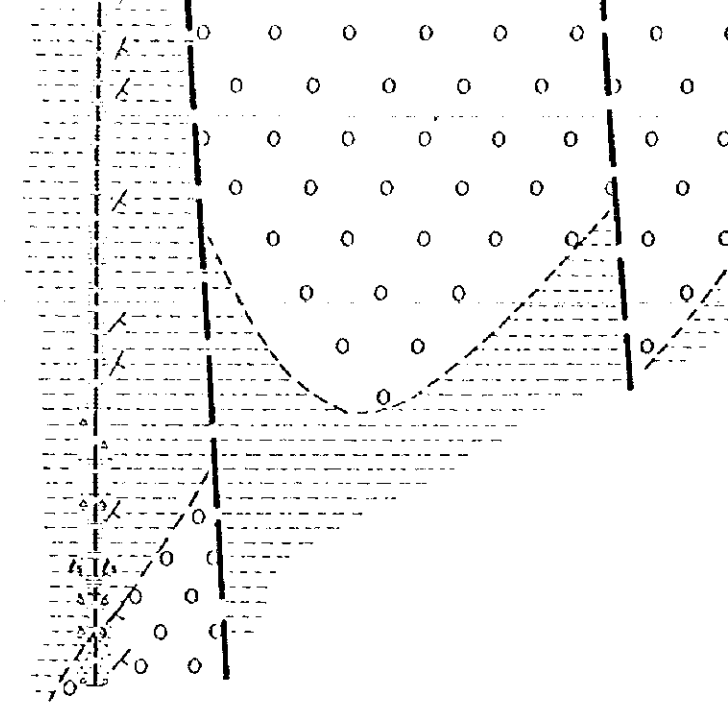
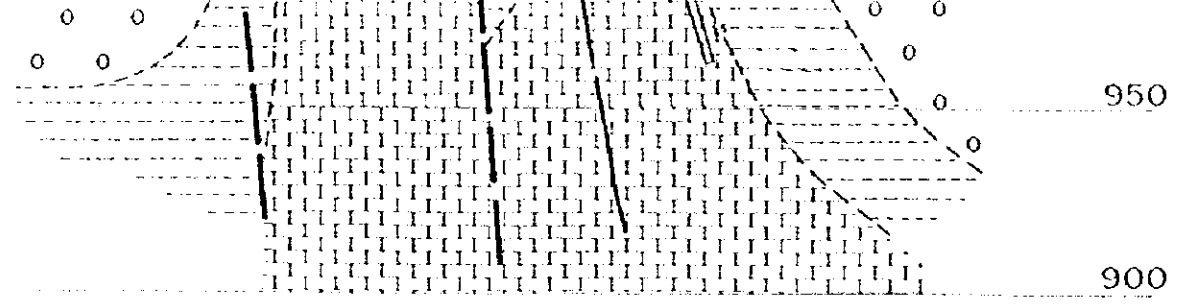
LA EXPLORACION MINERA
 EN
 EL AREA DE SAN ANTONIO
 LA REPUBLICA DE HONDURAS

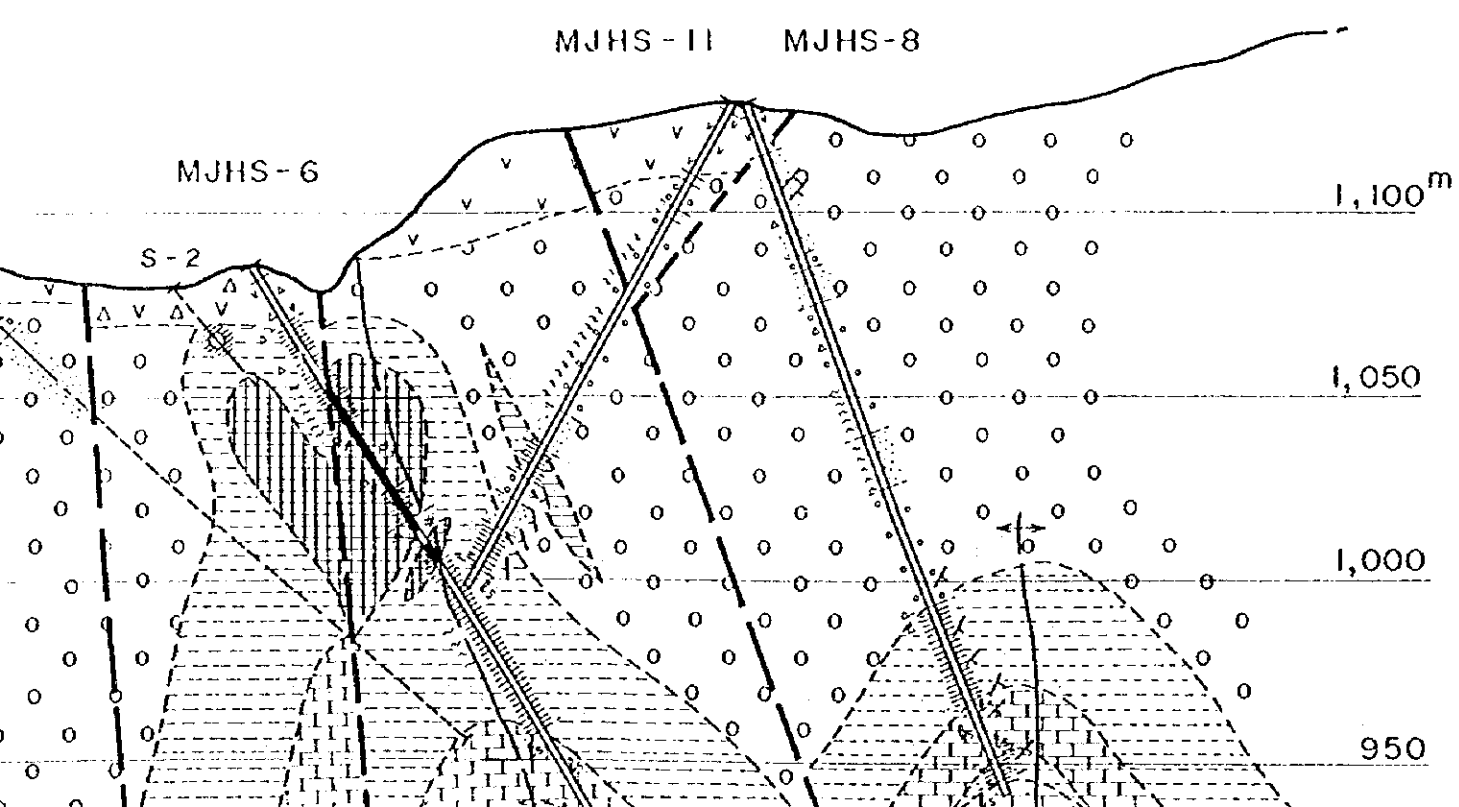
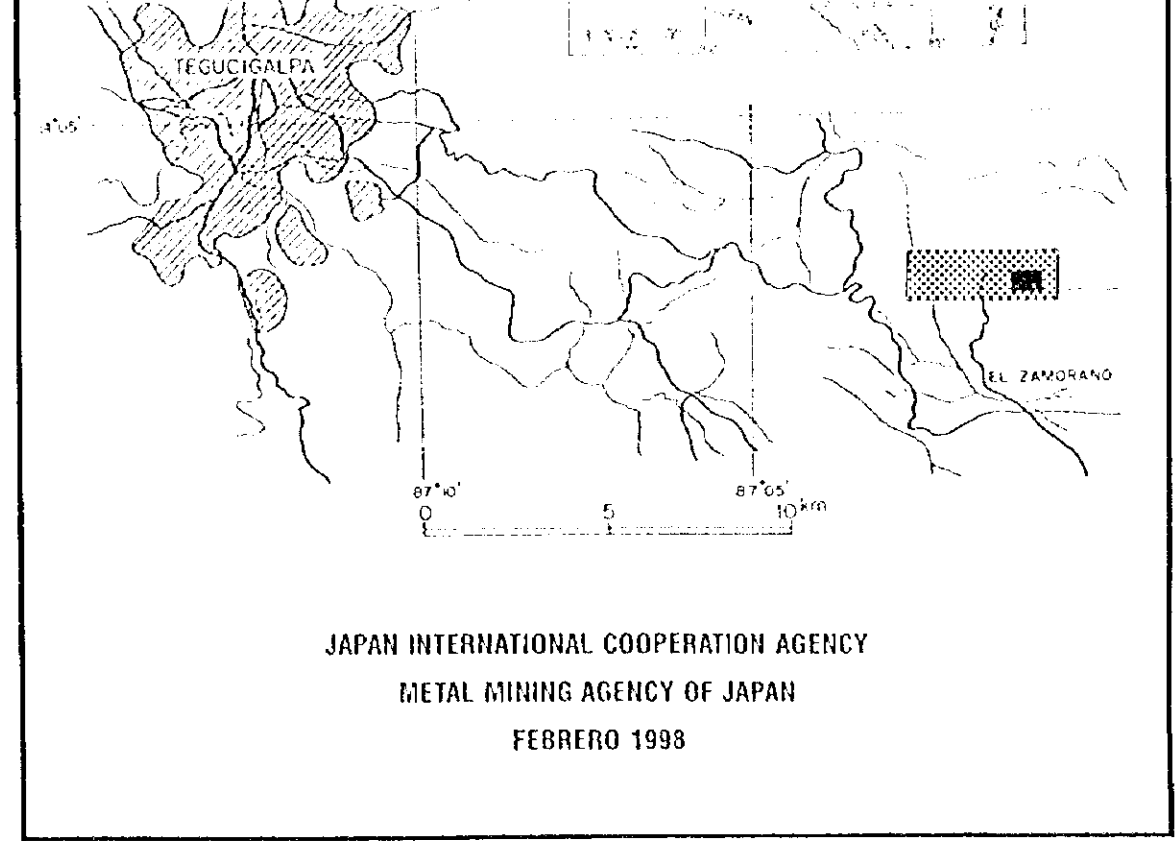
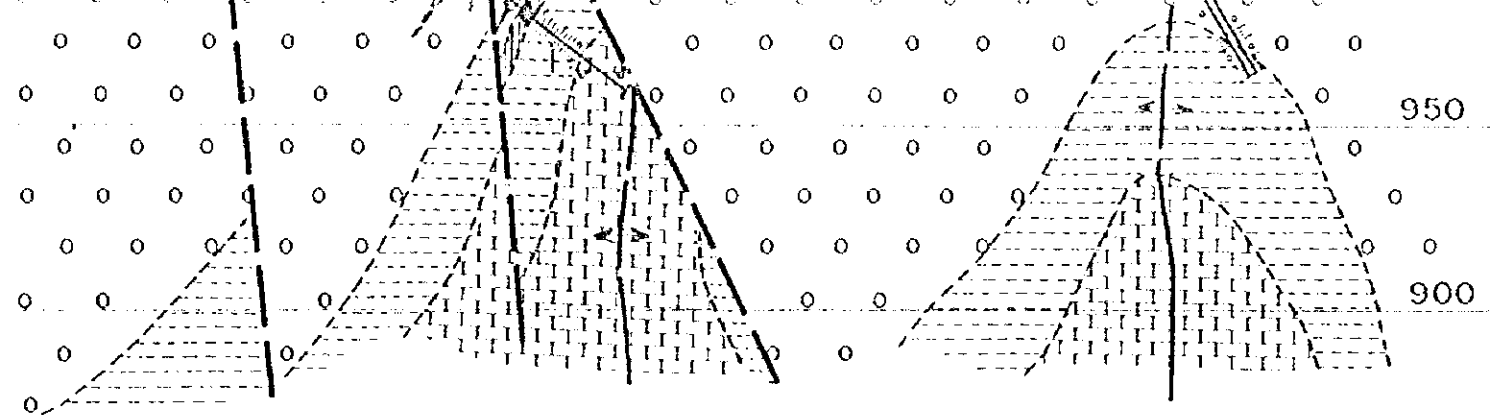
PL. 2-1

Secciones geológicas de las perforaciones (Sector La Plomosa) (I)
 (Escala 1:2,000)



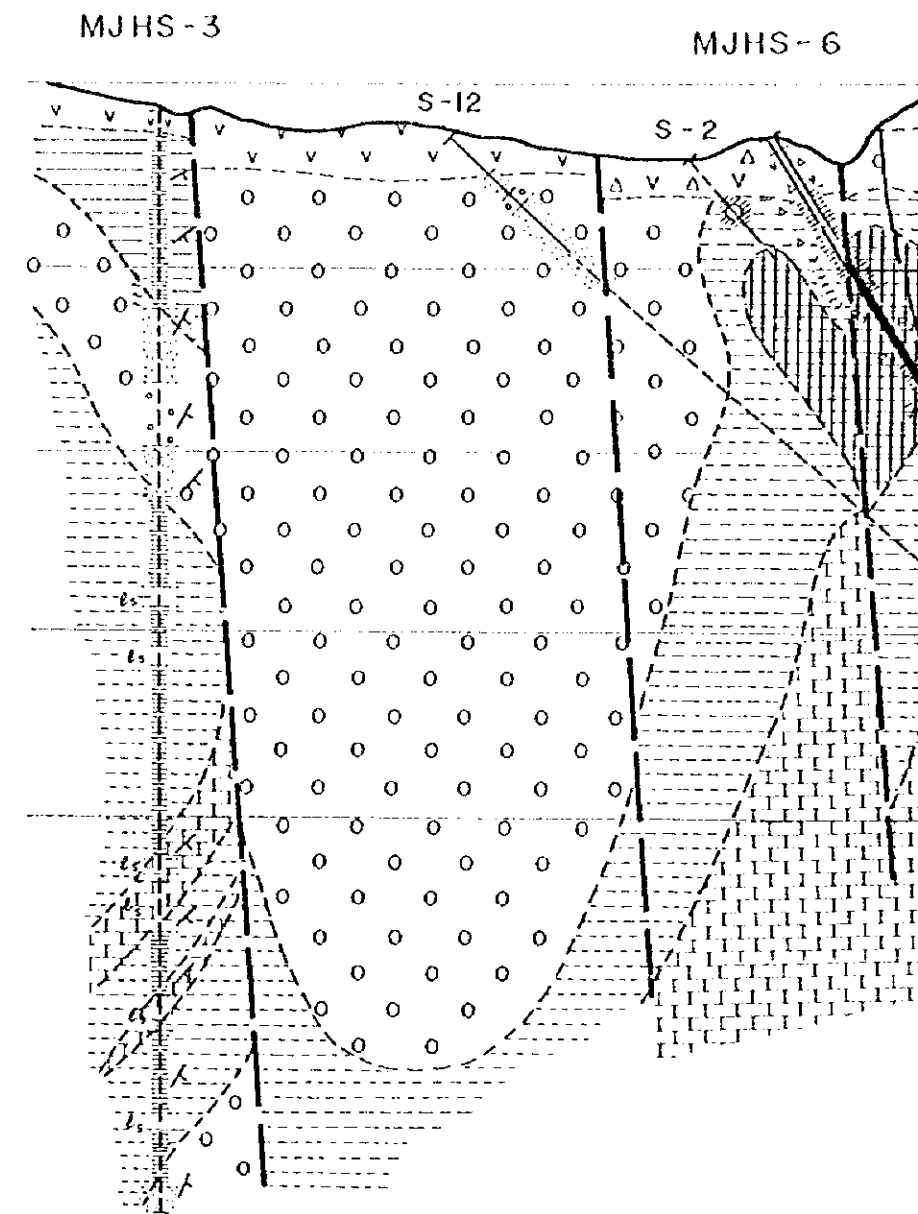
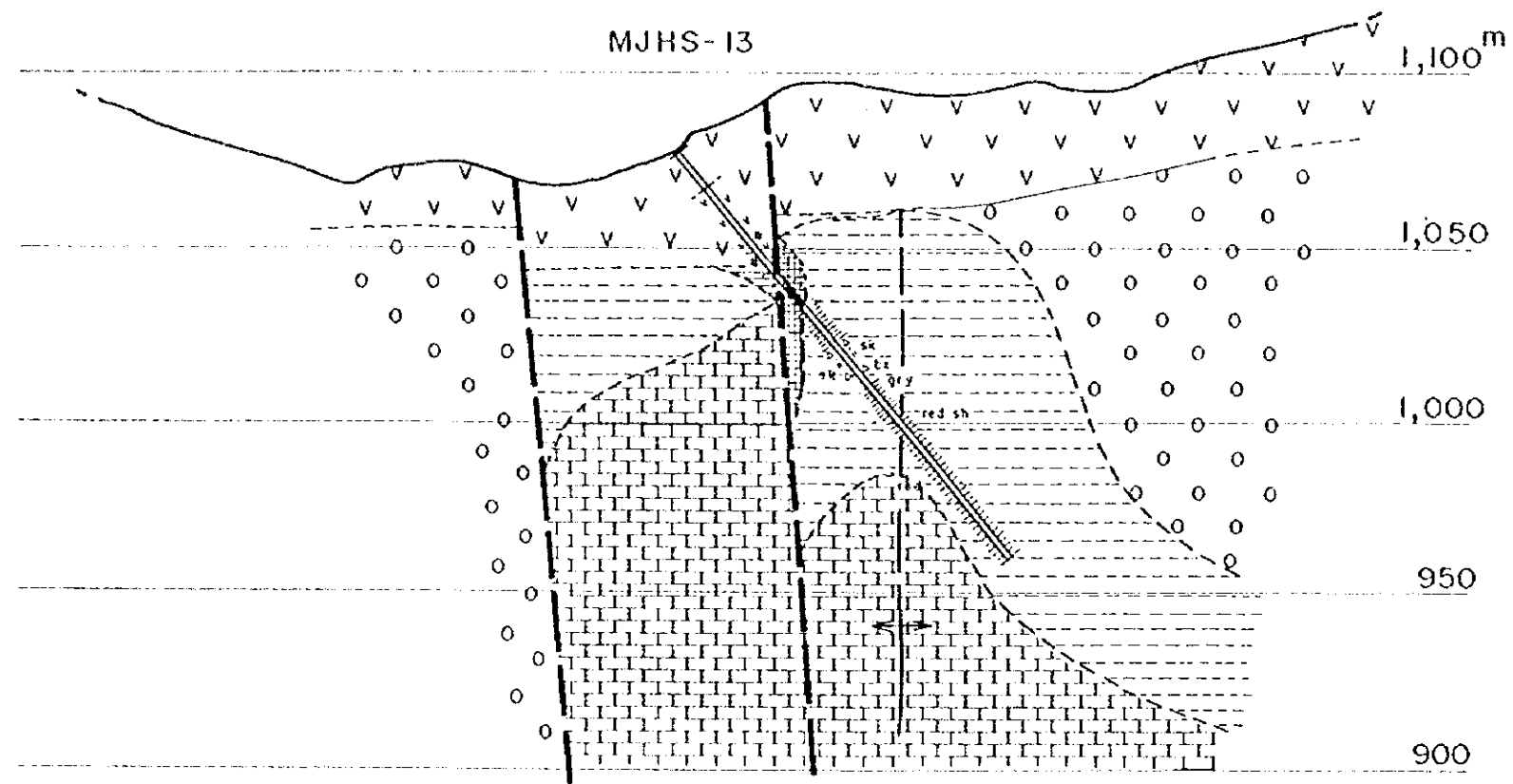
JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1998

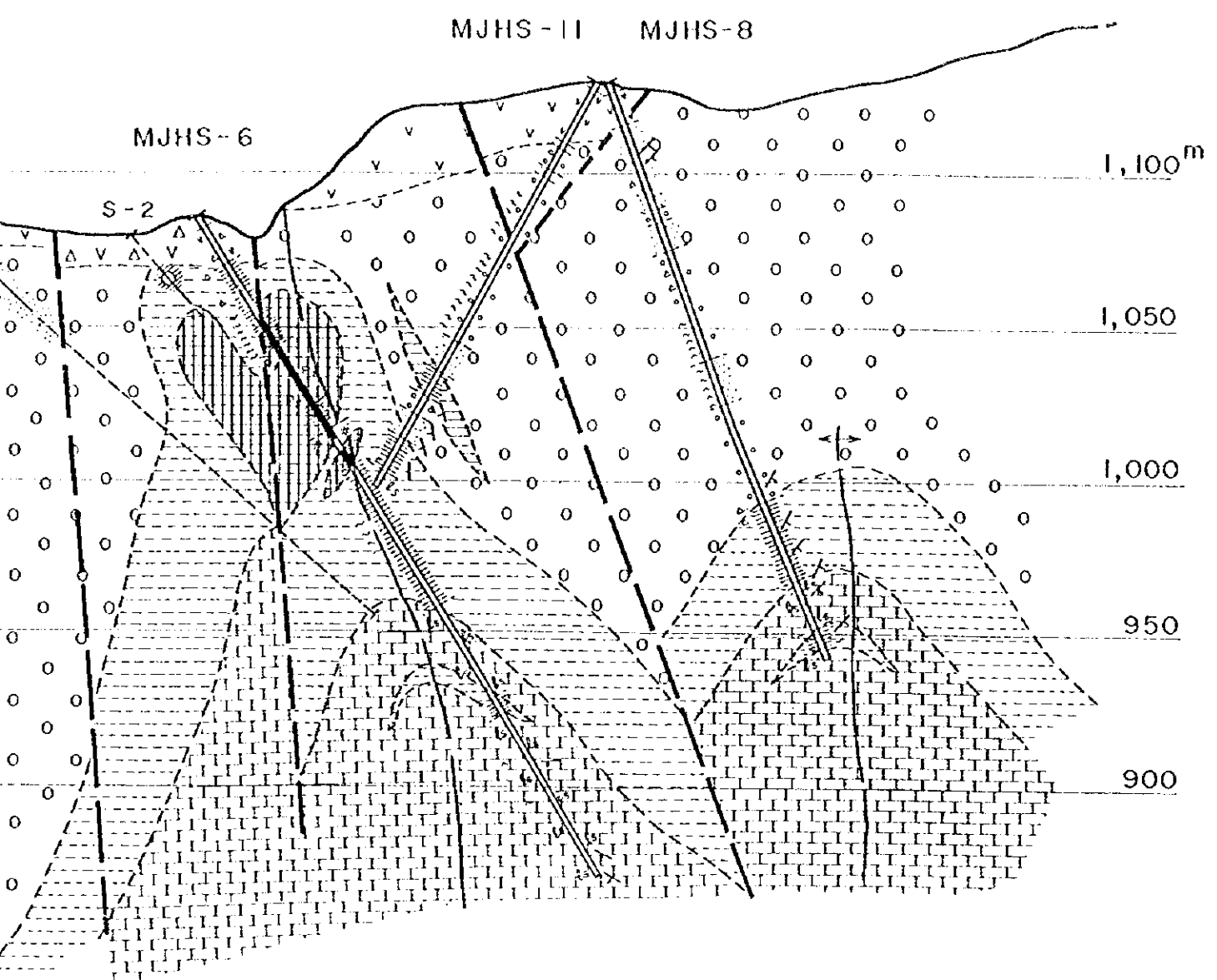




LEYENDA

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

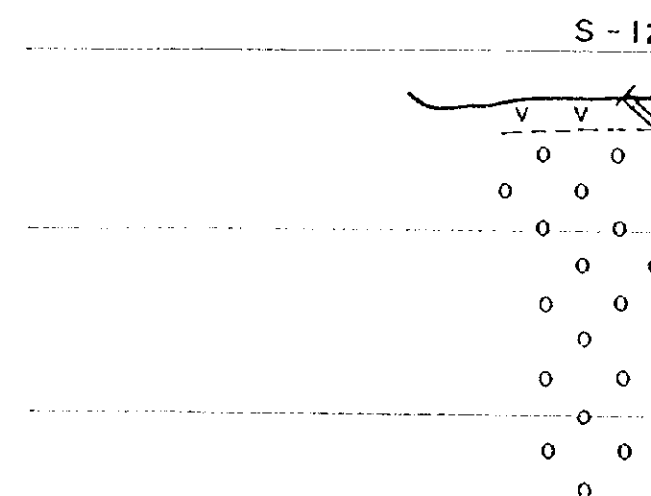
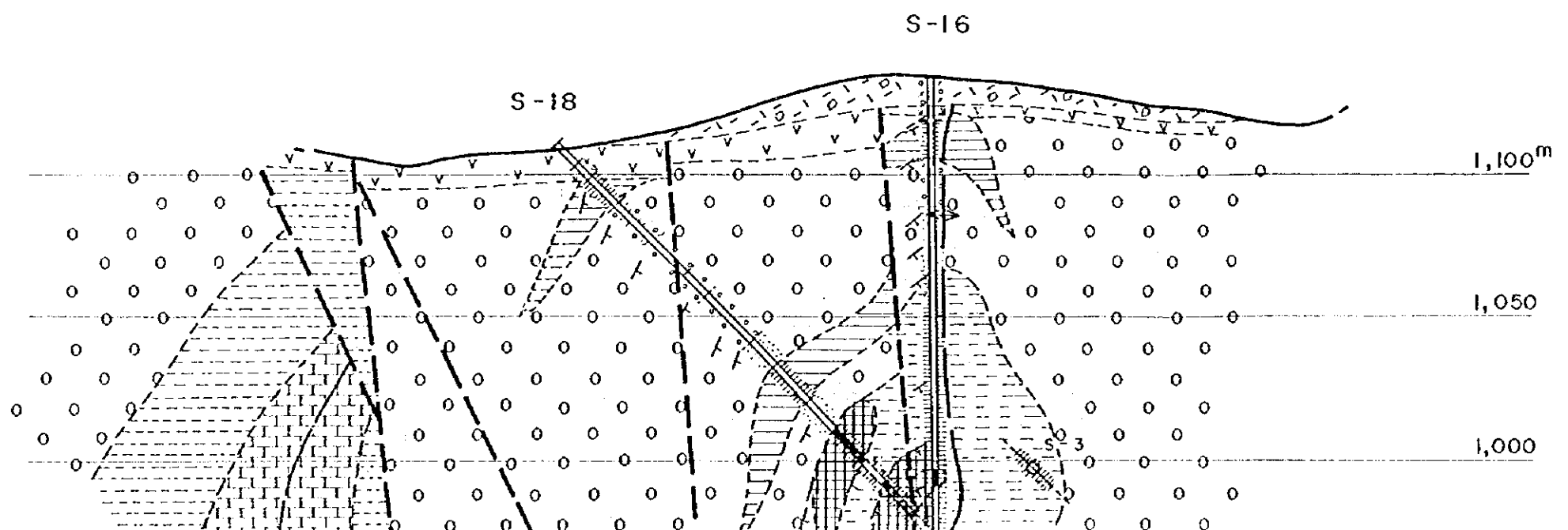
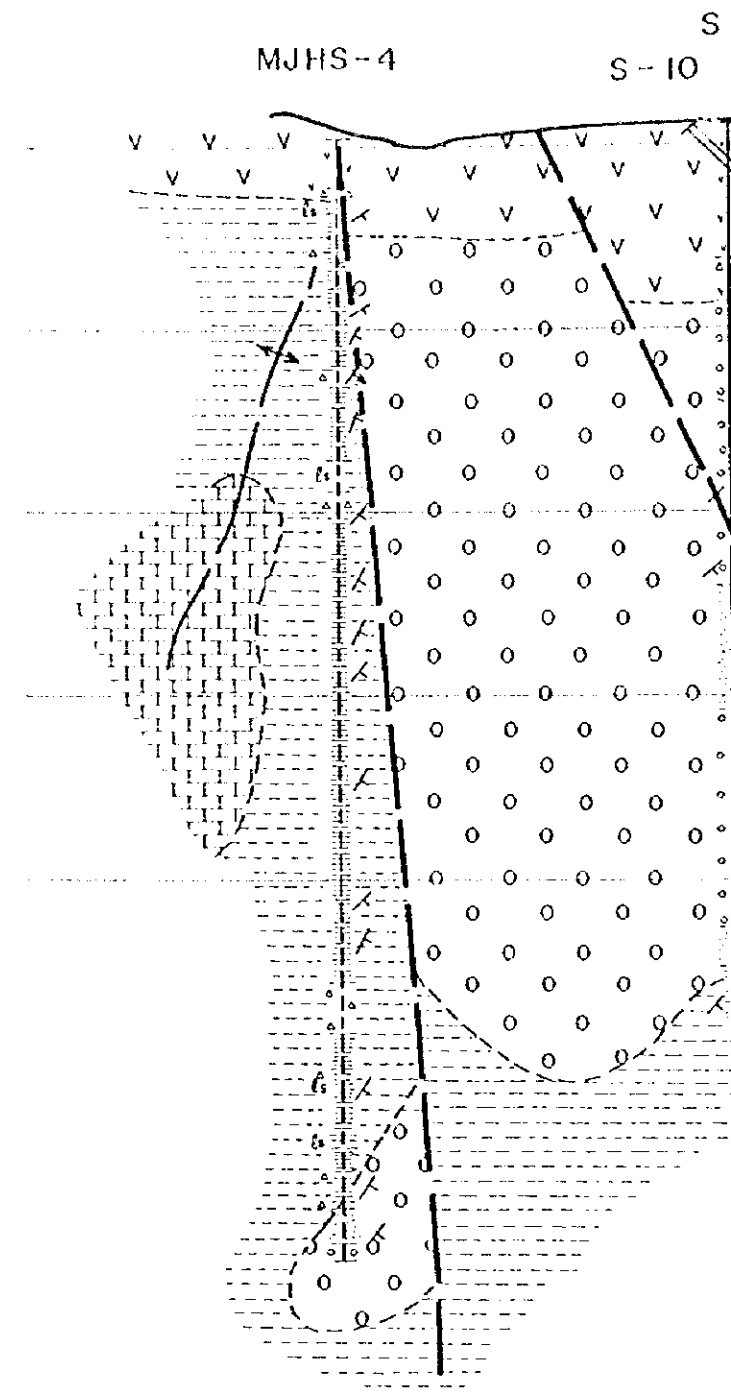
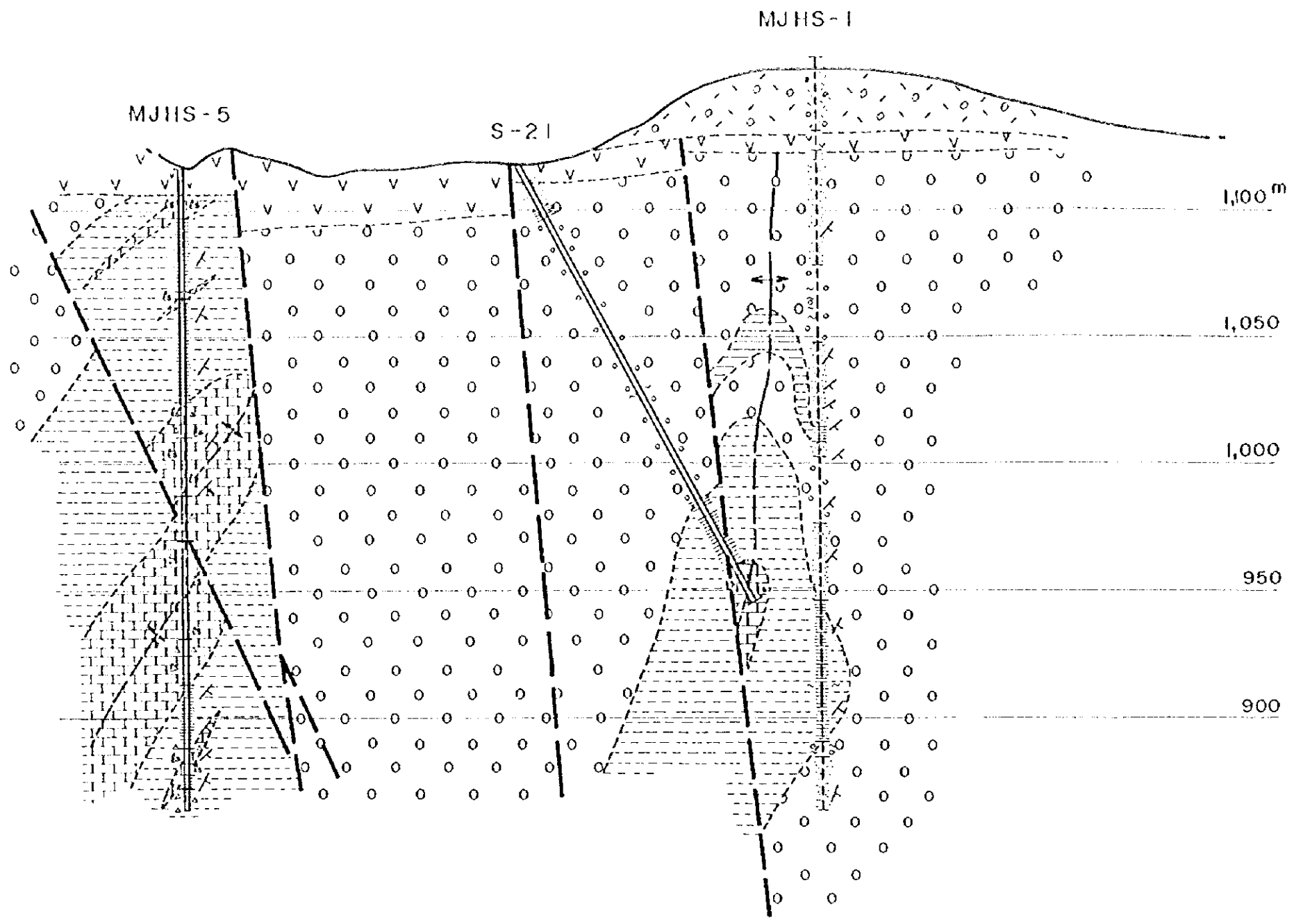


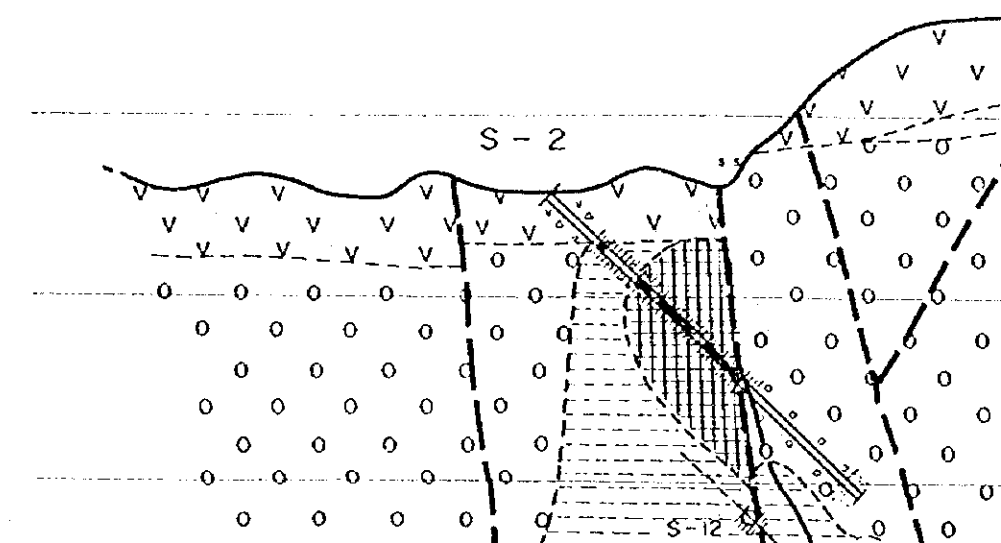
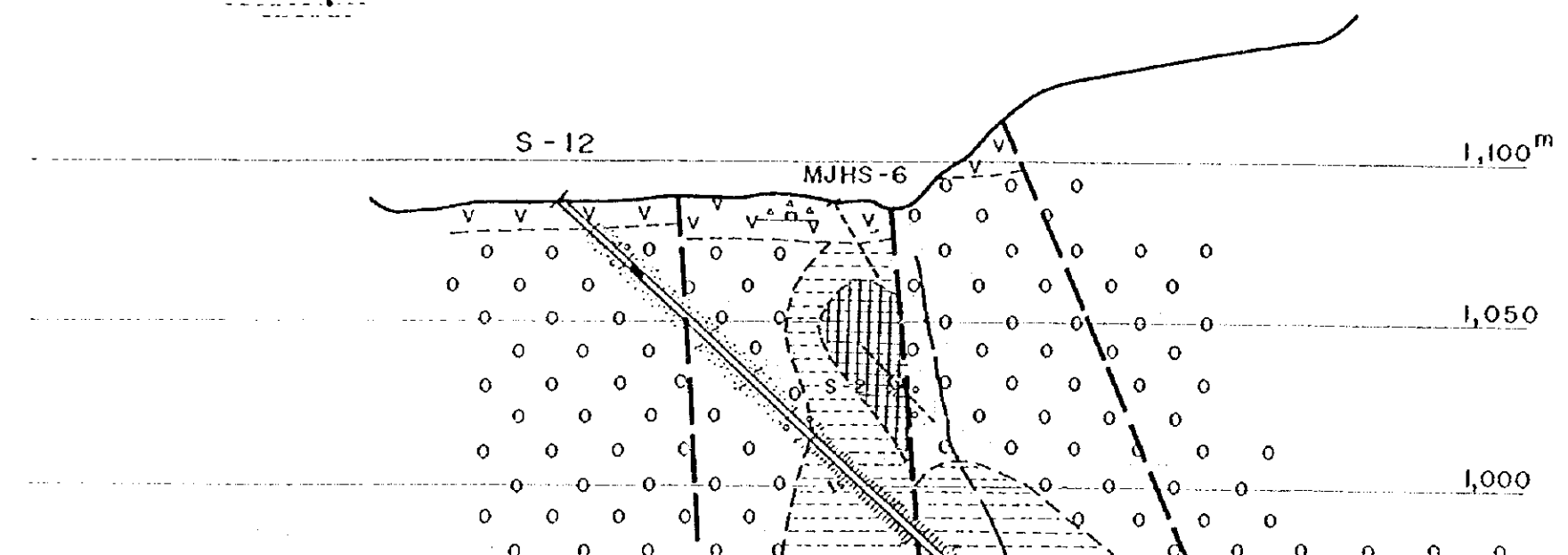
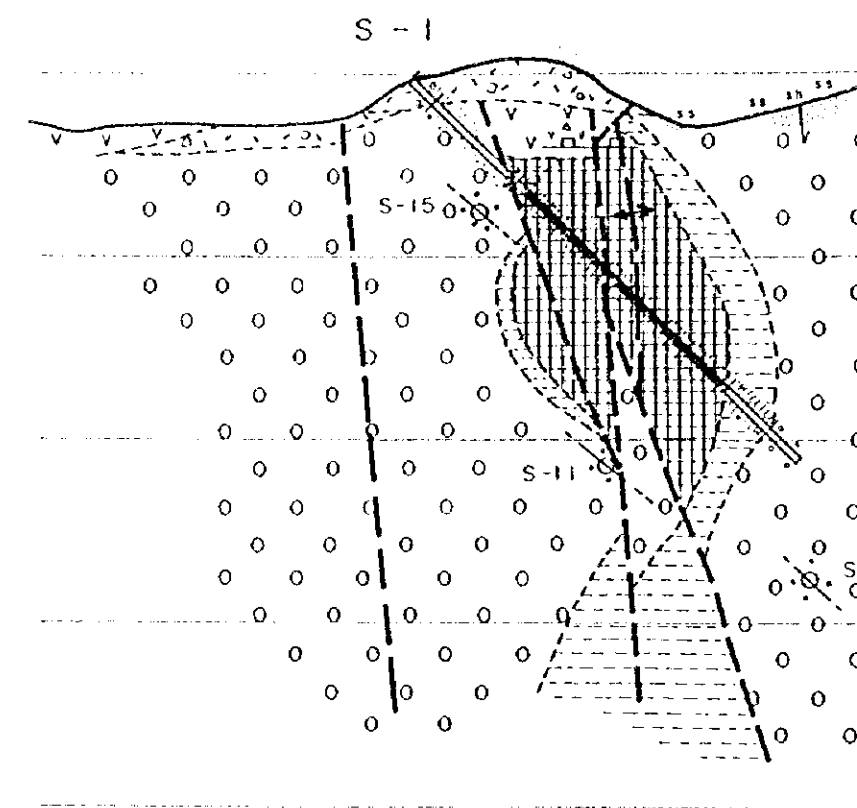
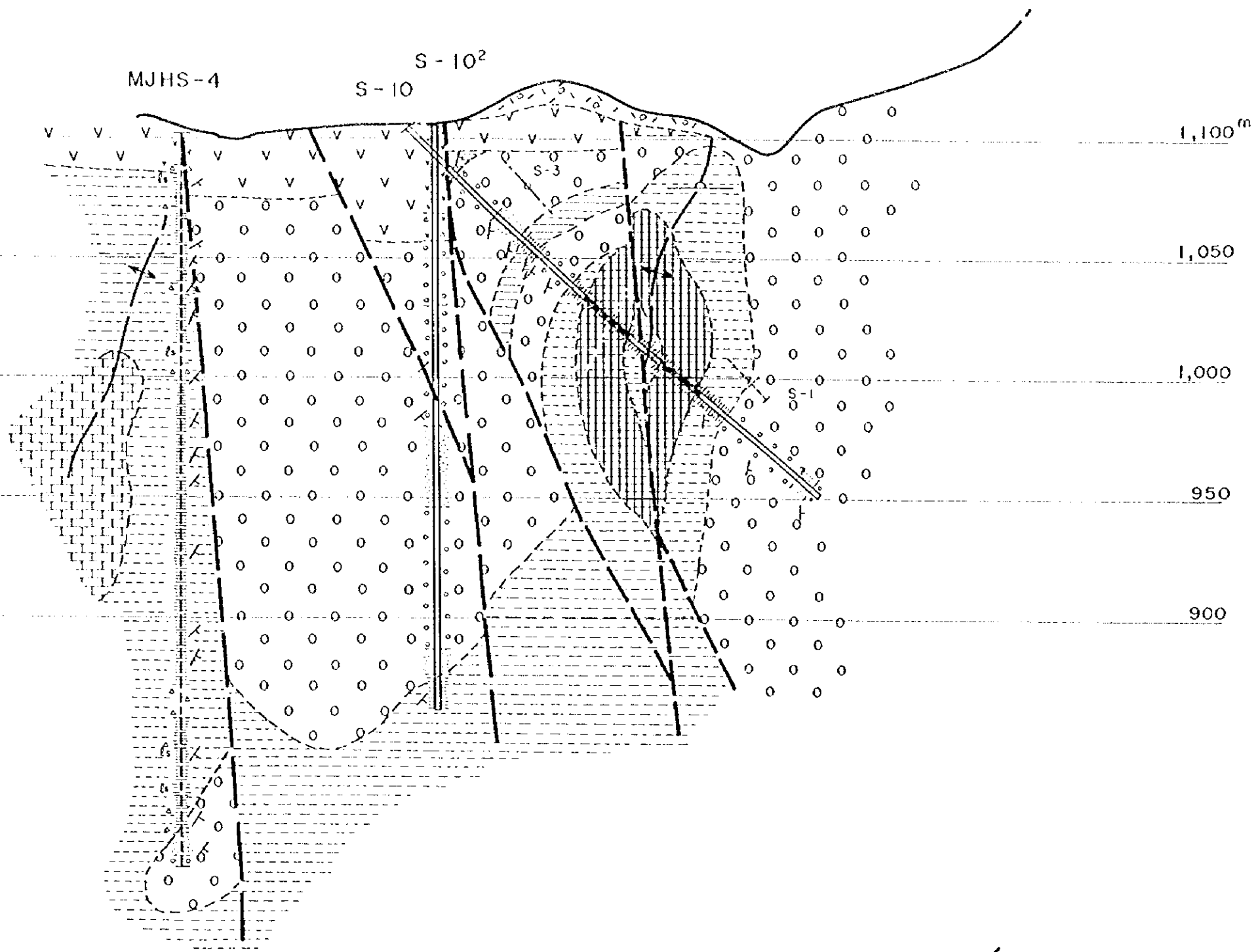


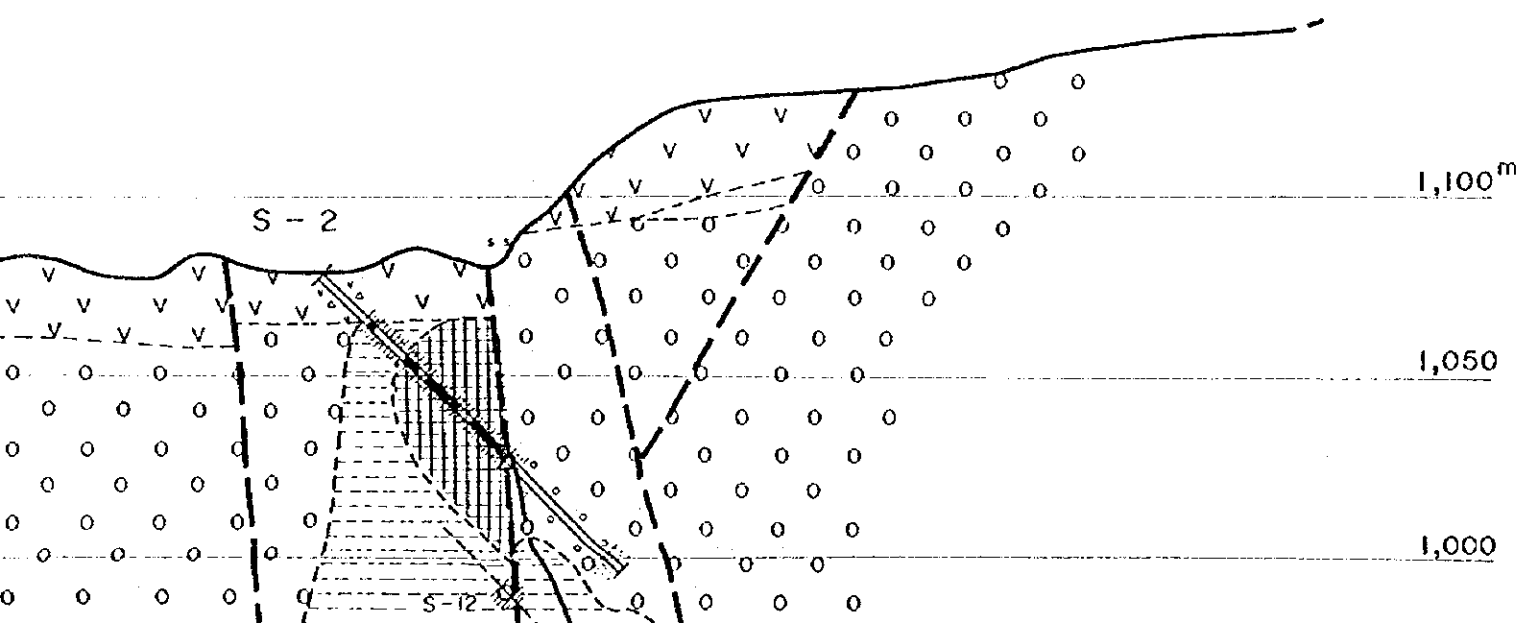
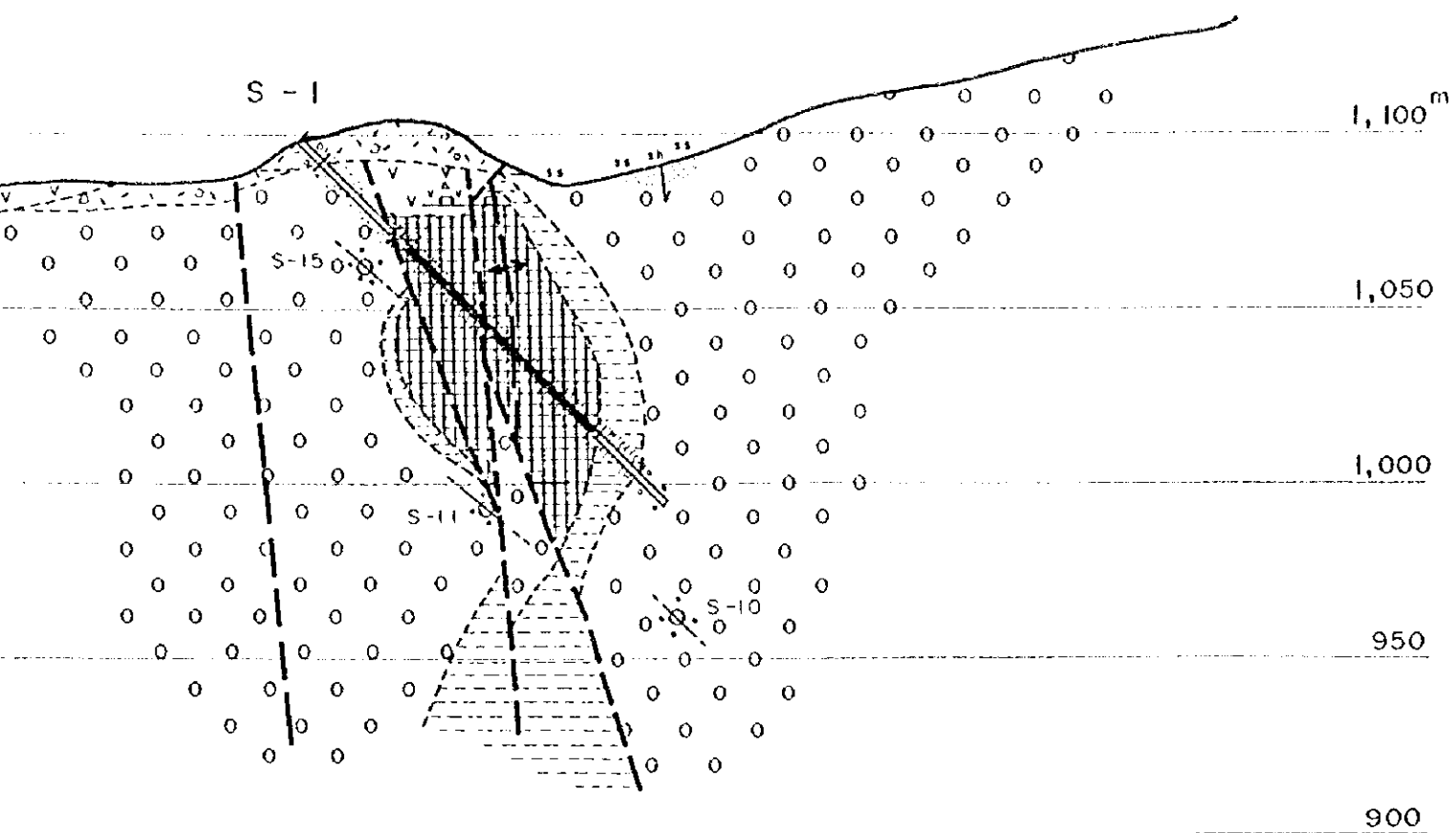
LEYENDA

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





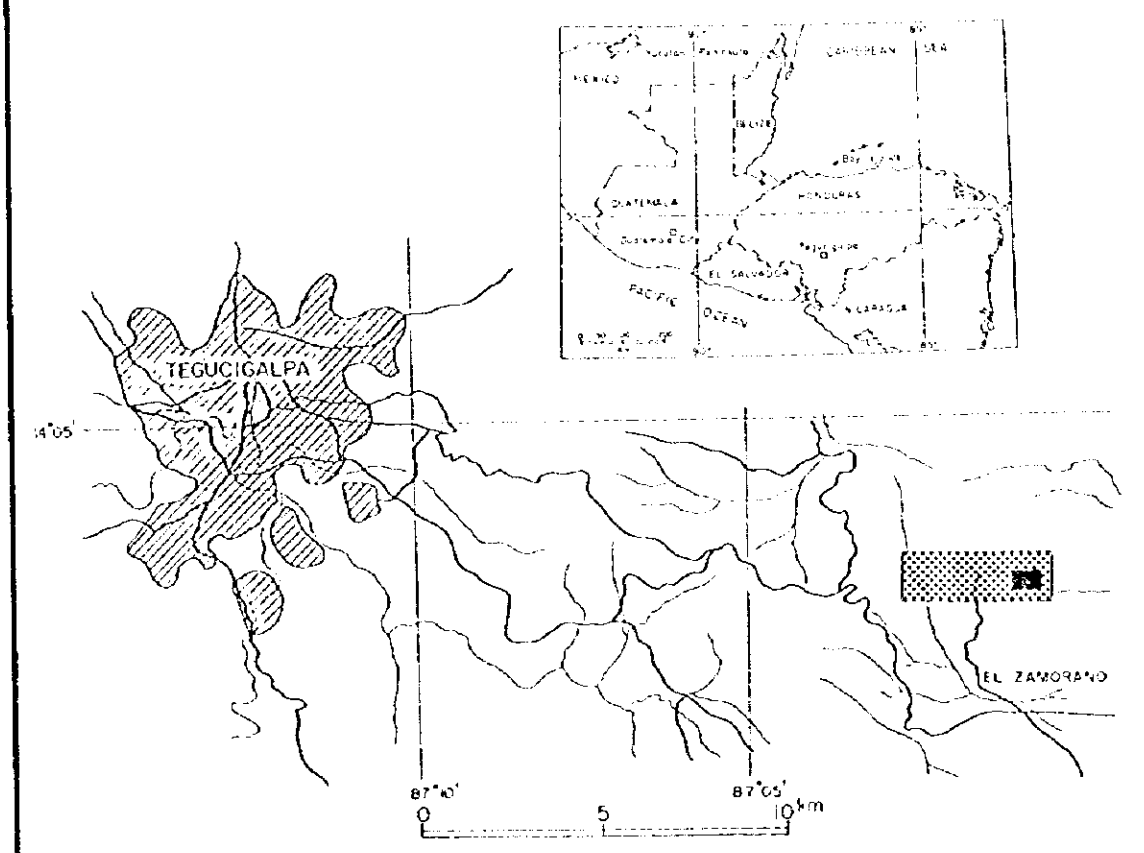




LA EXPLORACION MINERA
 EN
 EL AREA DE SAN ANTONIO
 LA REPUBLICA DE HONDURAS

PL. 2-2

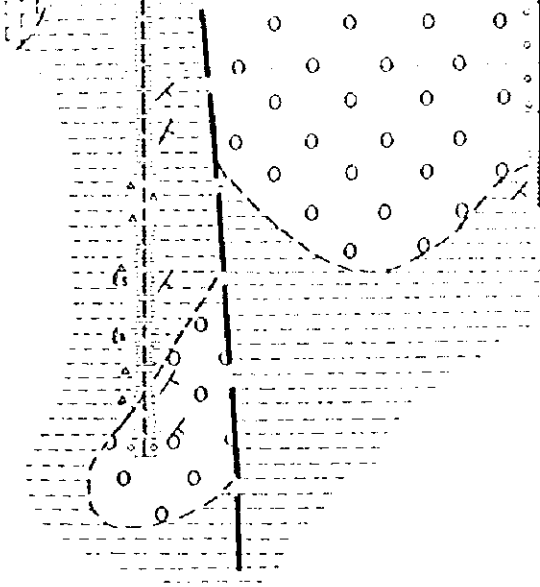
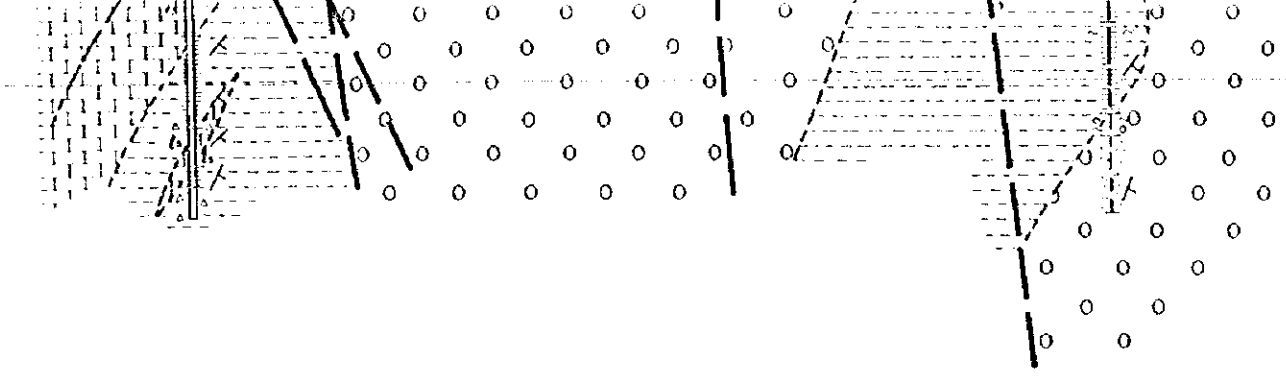
Secciones geológicas de las perforaciones (Sector La Plomosa) (II)
 (Escala 1:2,000)



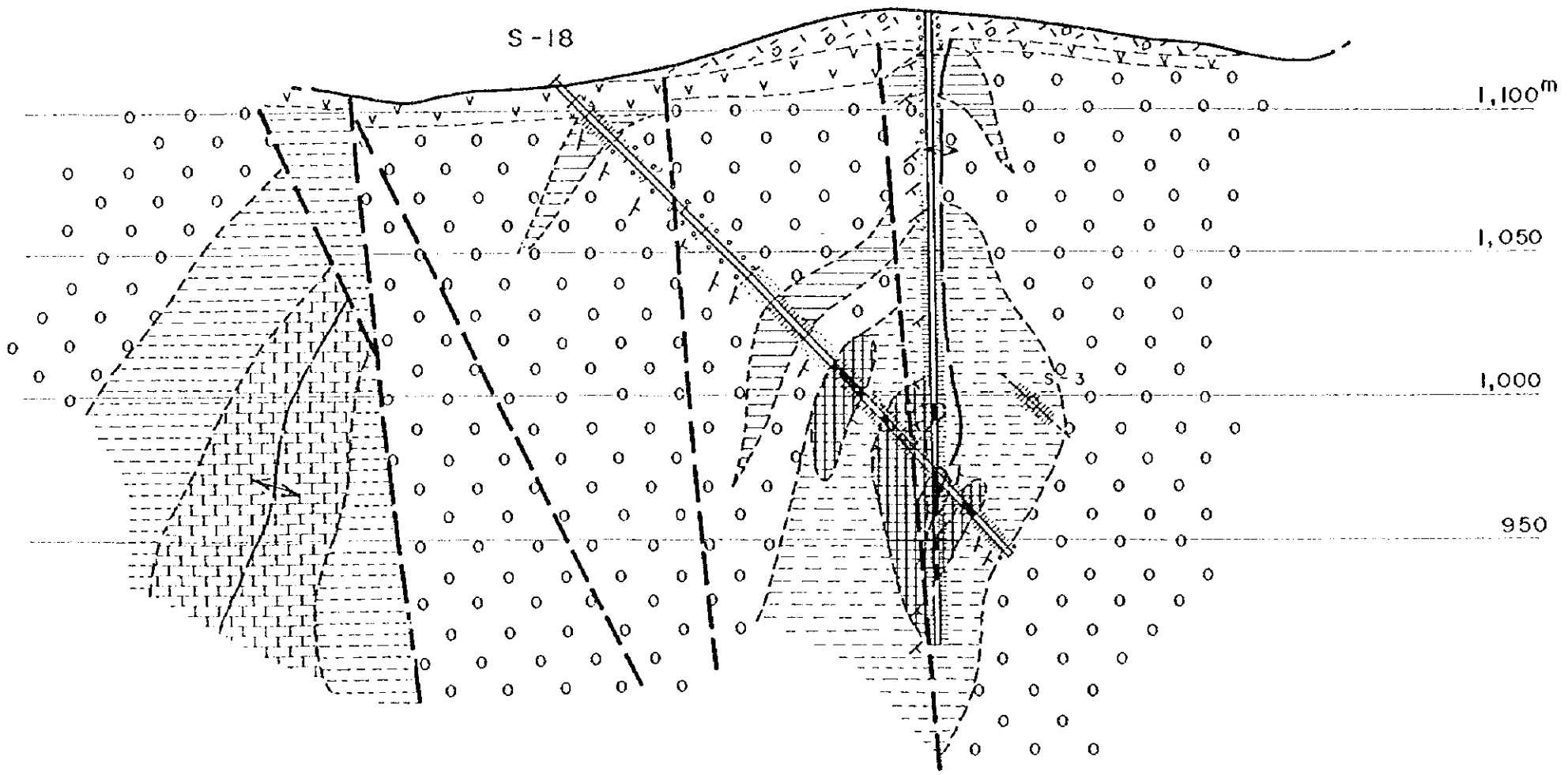
JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRERO 1998

LEYENDA

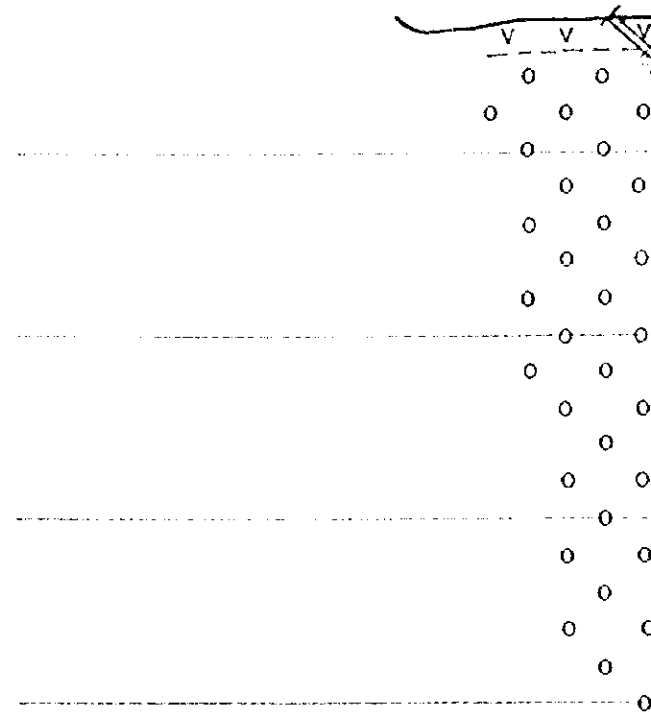
-  ALUVIONES
-  CUATERNARIO



S-16



S-12

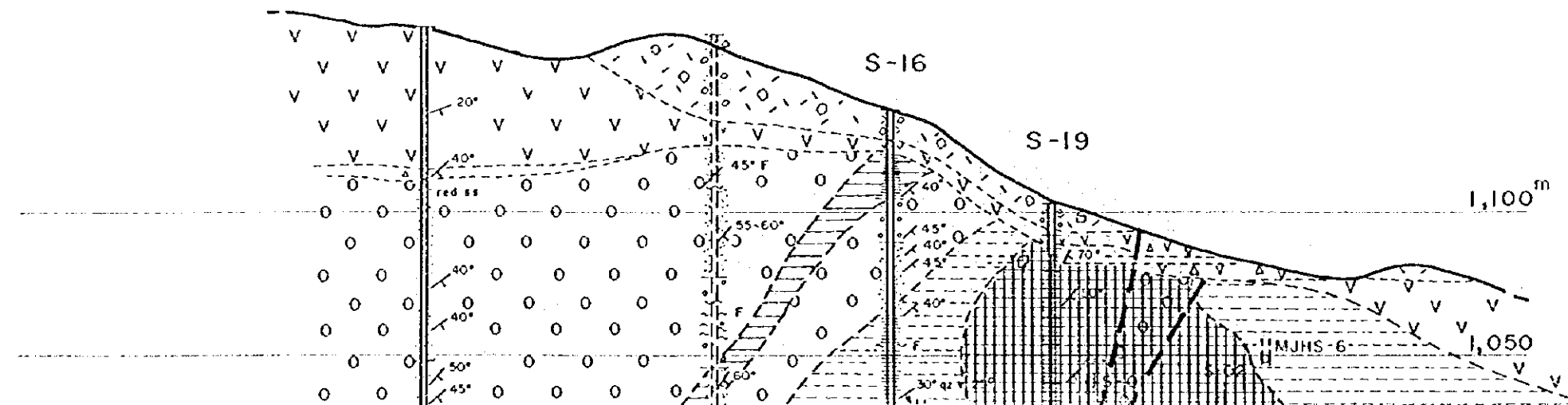


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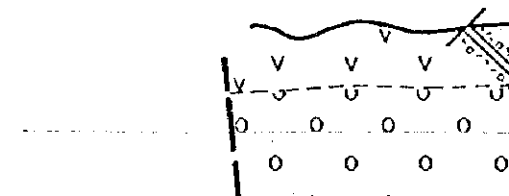
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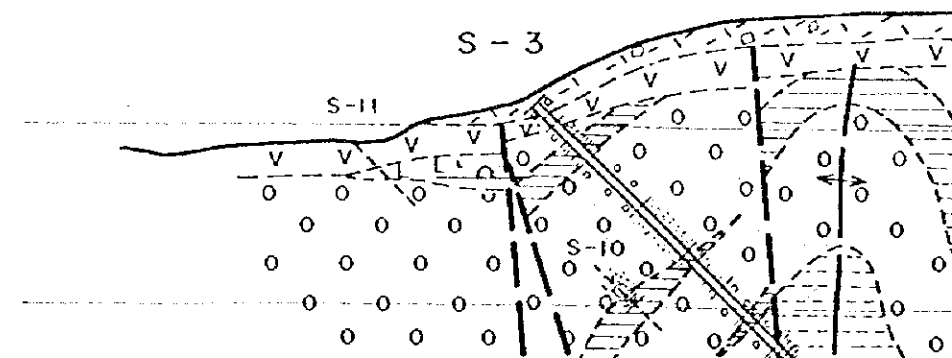
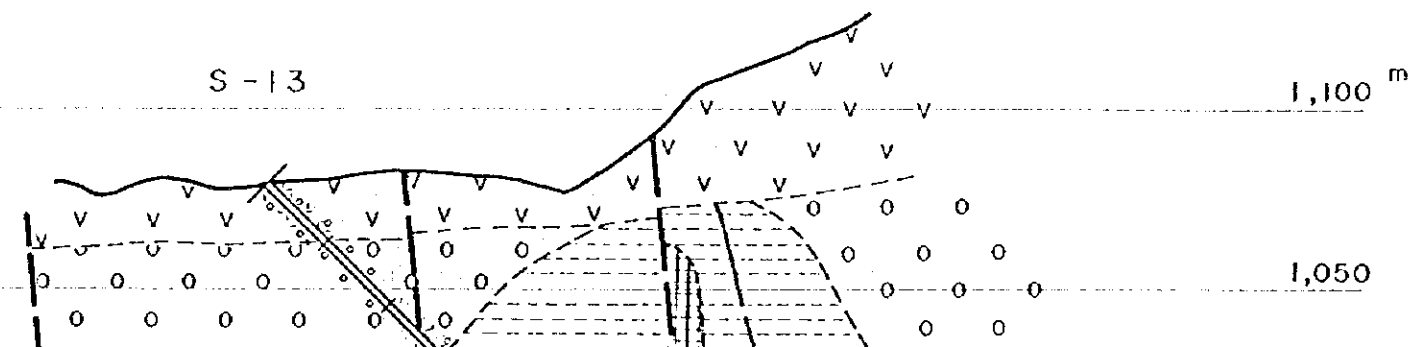
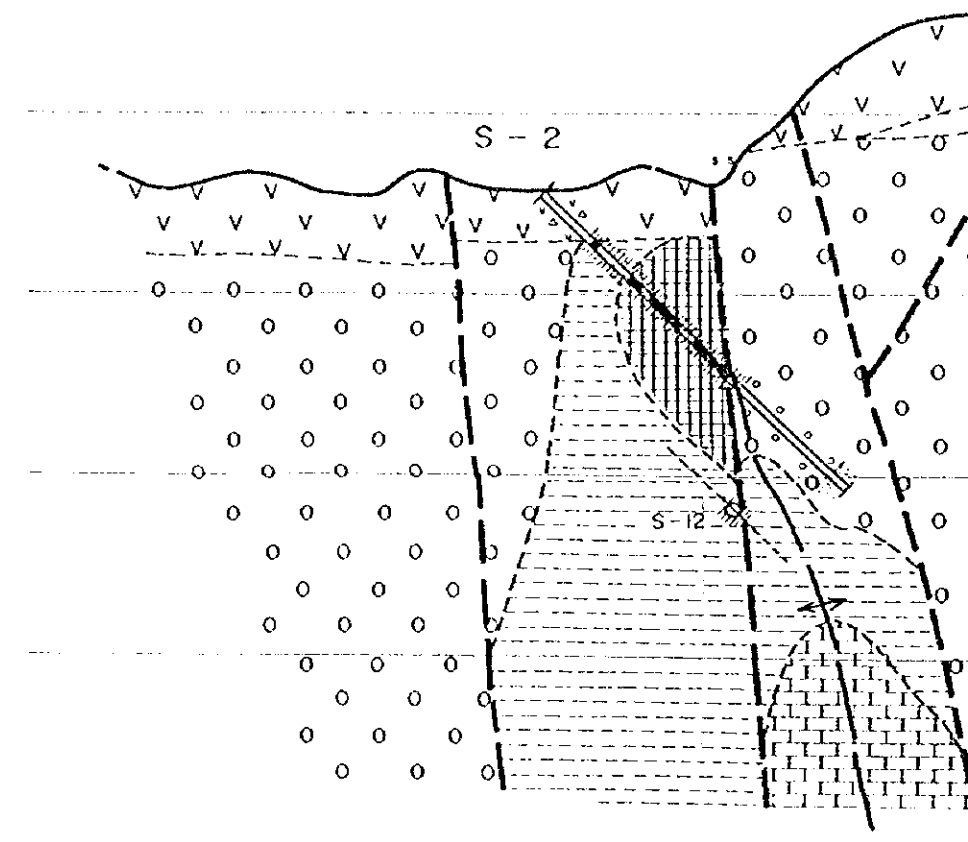
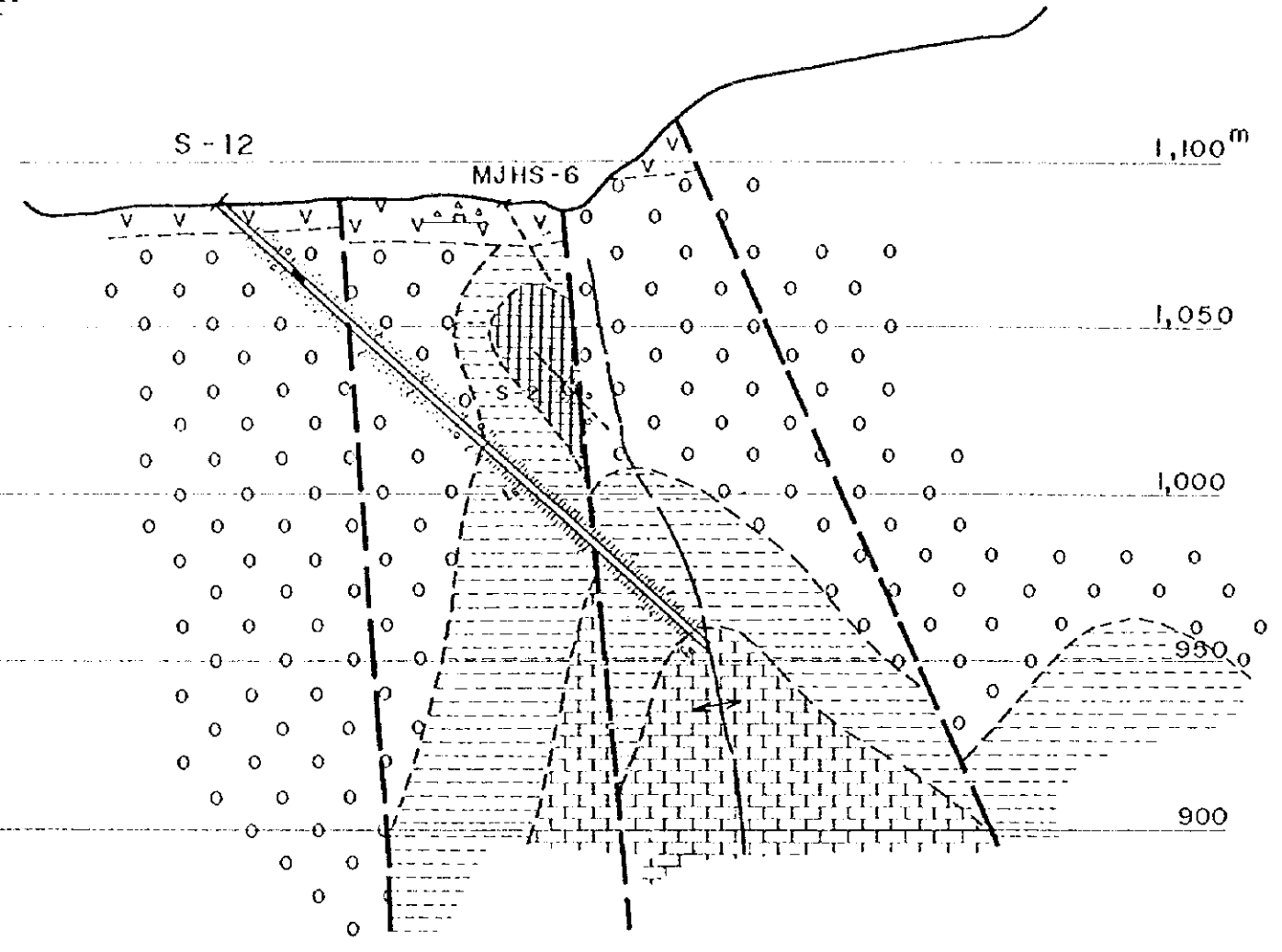
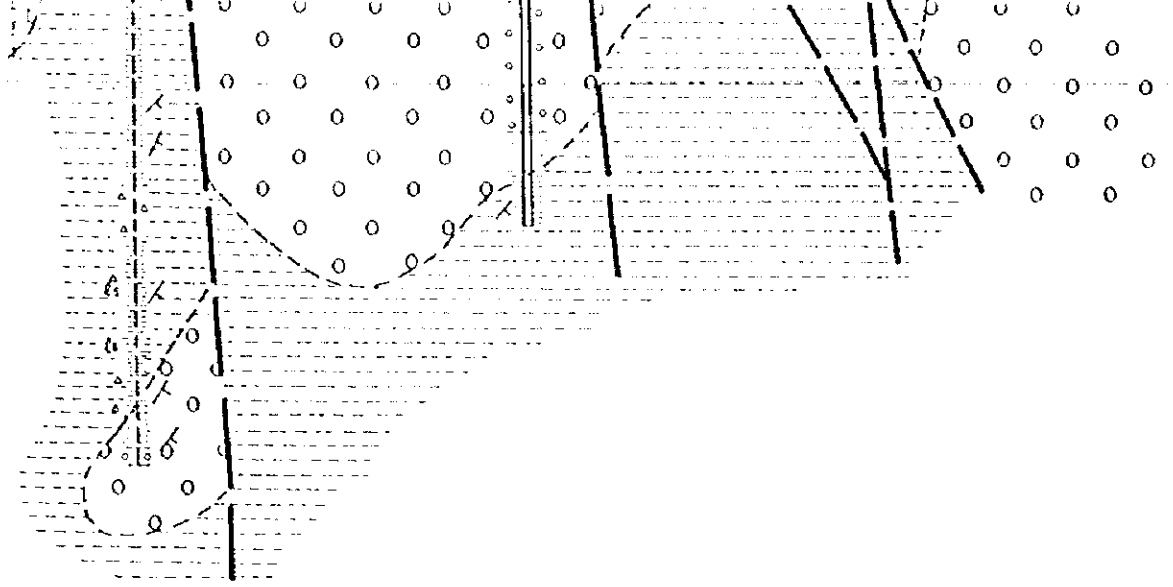
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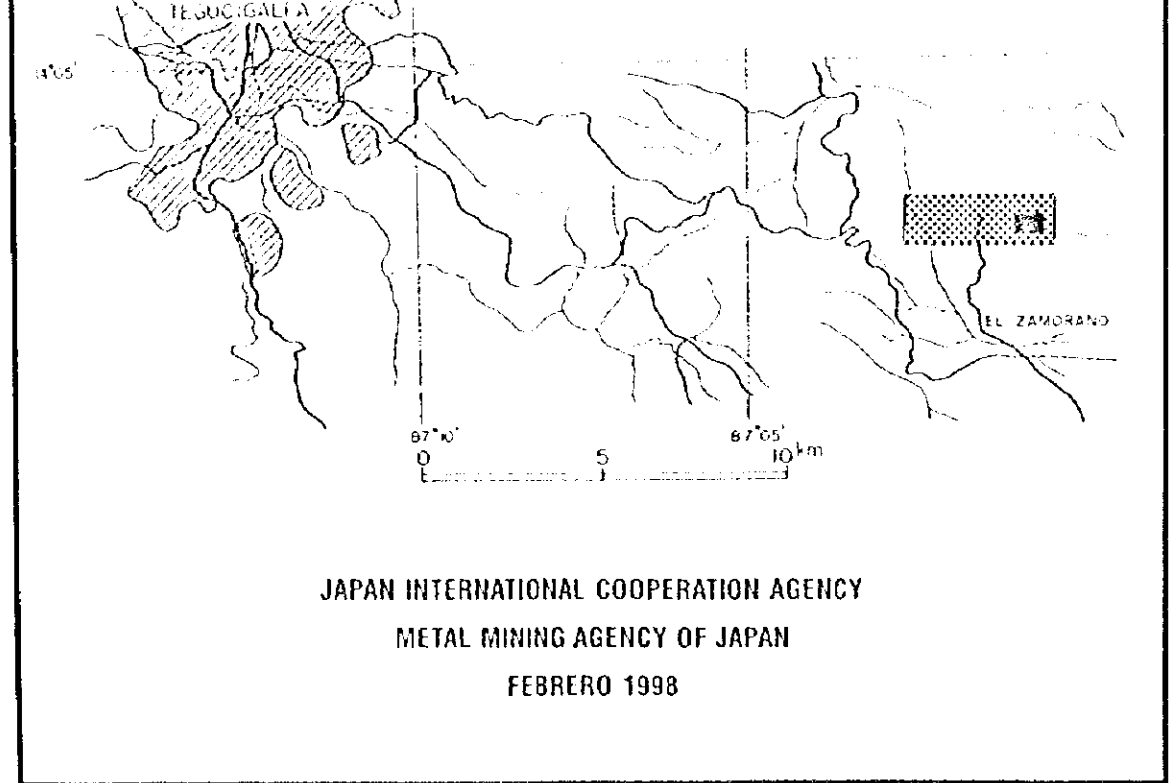
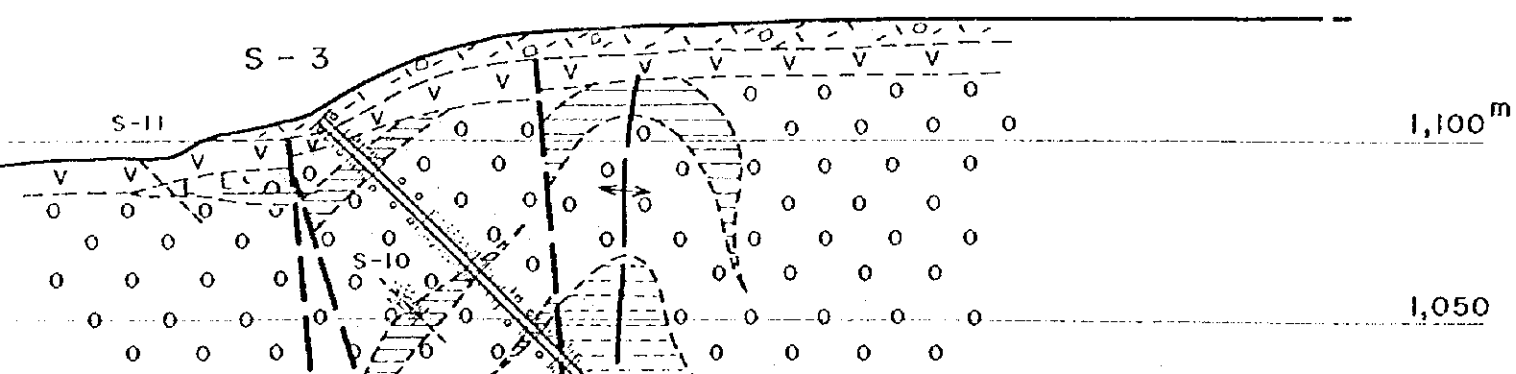
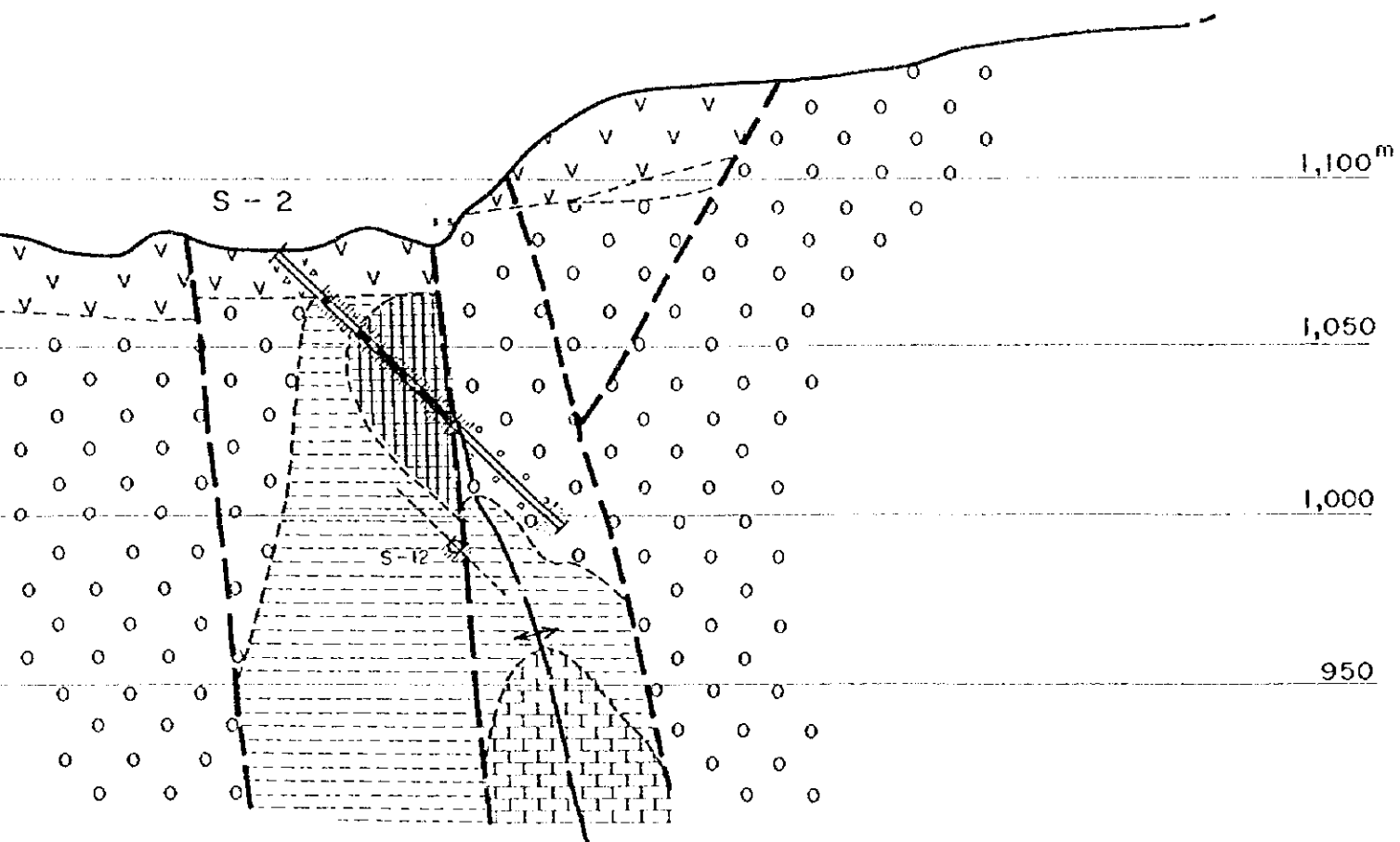
S-19



S-13

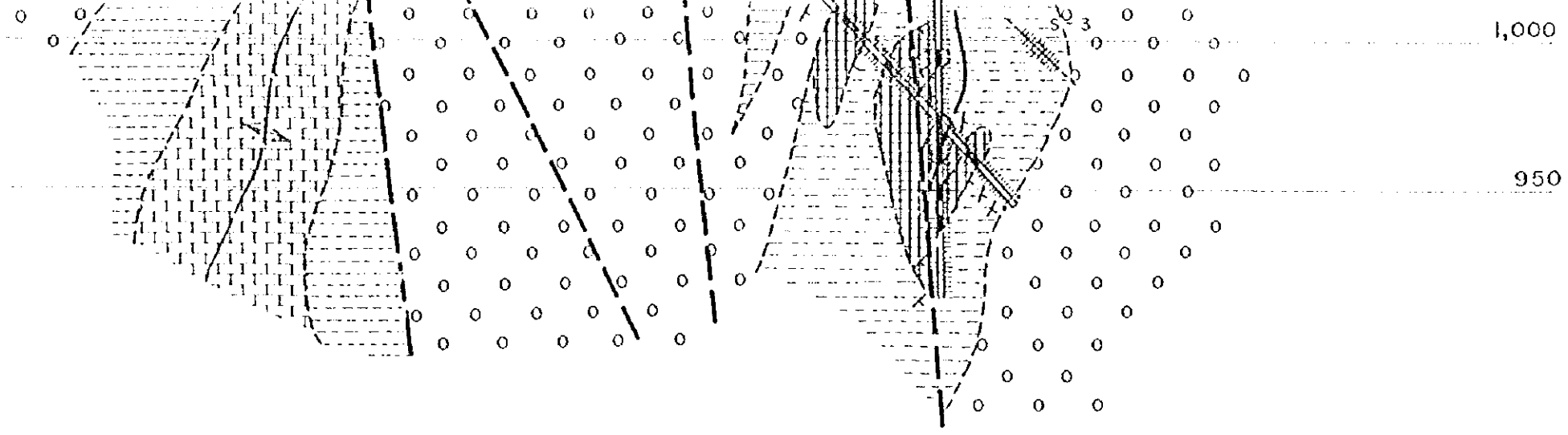




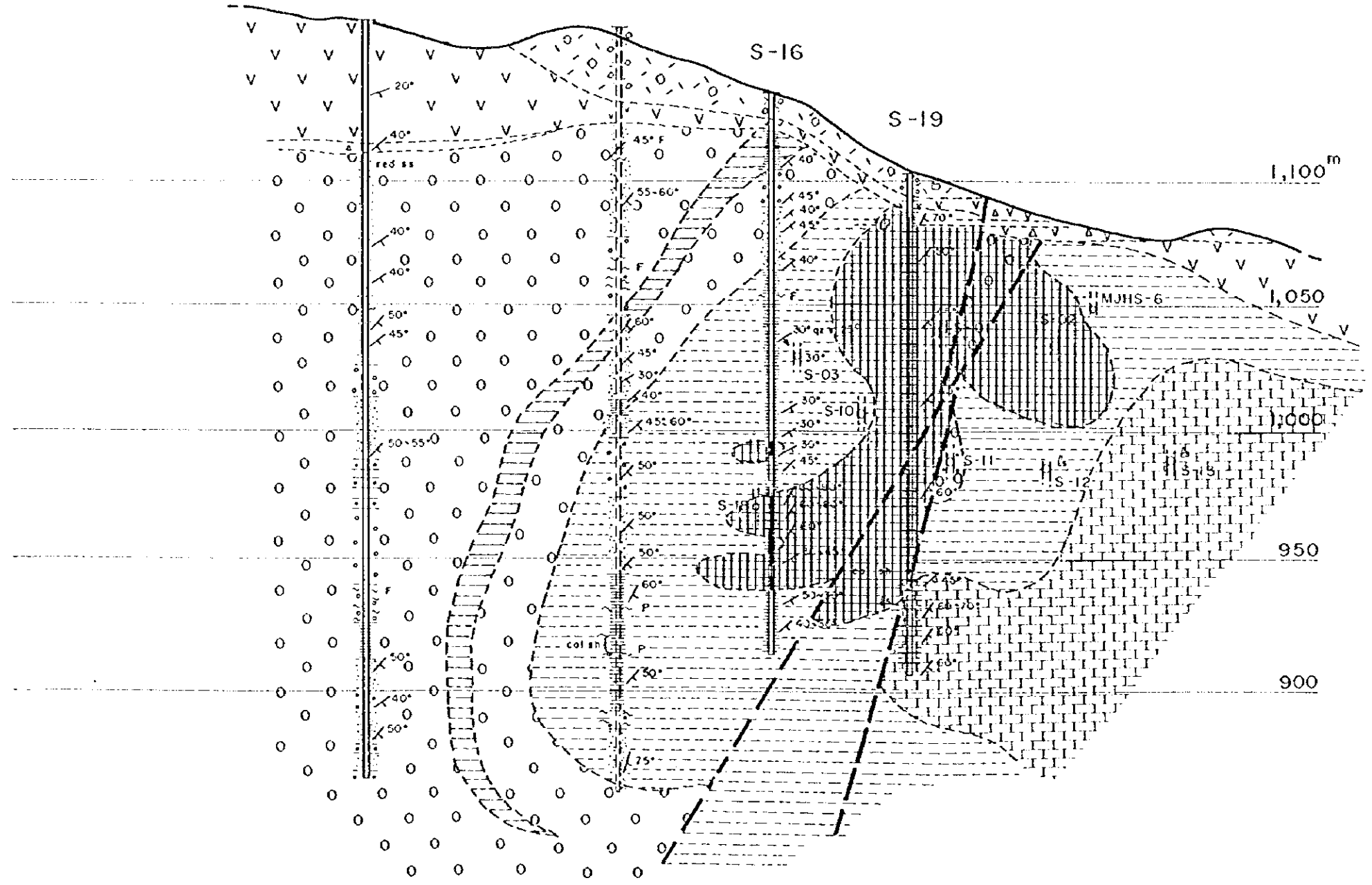


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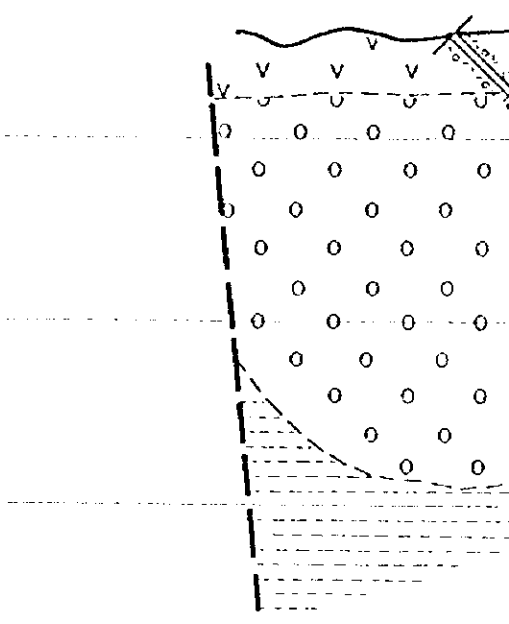
	ALUVIONES	CUATERNARIO	
	IGNIMBRITAS, TOBAS		
	BRECHA TOBACEA, DEPOSITOS FLUVIALES DERRUMBES	G. PADRE MIGUEL	} TERCARIO
	ANDESITAS	F. MATAGALPA	
~ DISCORDANCIA ~			
	LUTITAS Y MARGAS	G. VALLE DE ANGELES	} CRETACICO
	CONGLOMERADOS Y ARENISCAS		
	LUTITAS CALCAREAS		
	CALIZAS	F. ATIMA	
	ZONA MINERALIZADA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

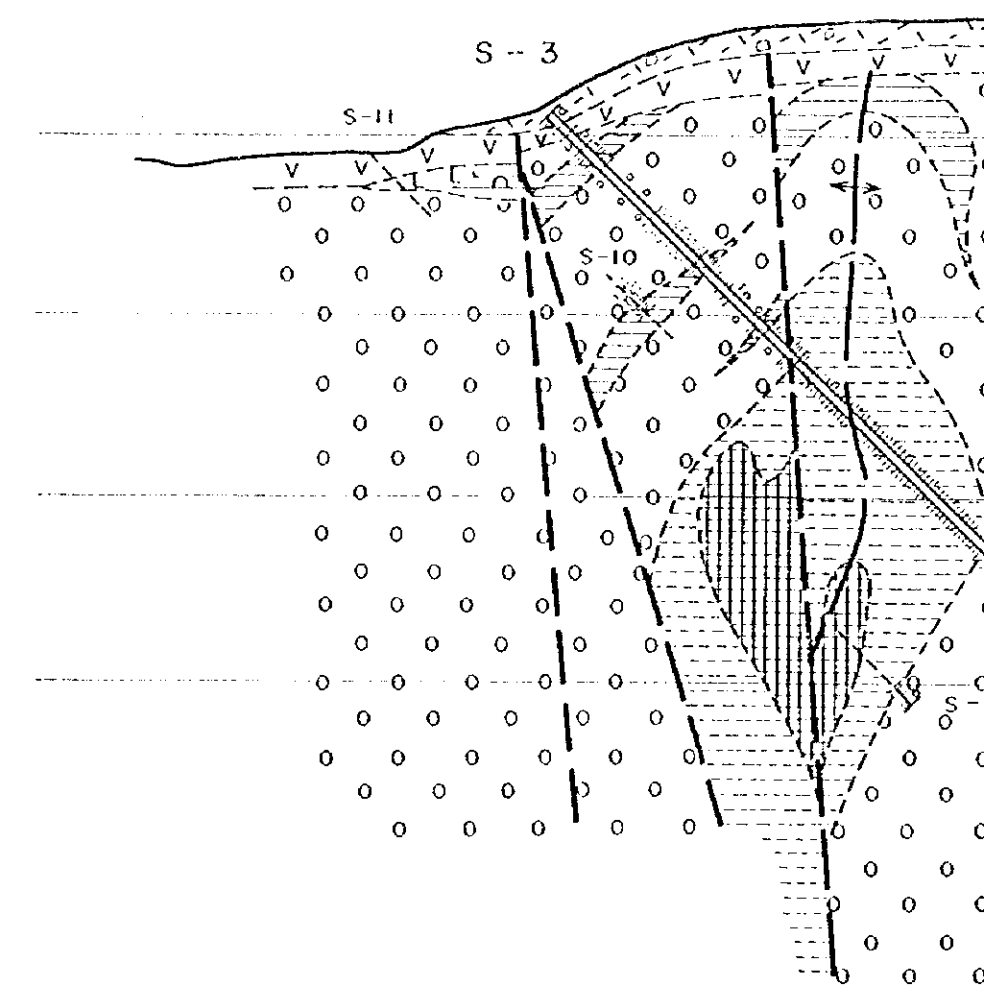
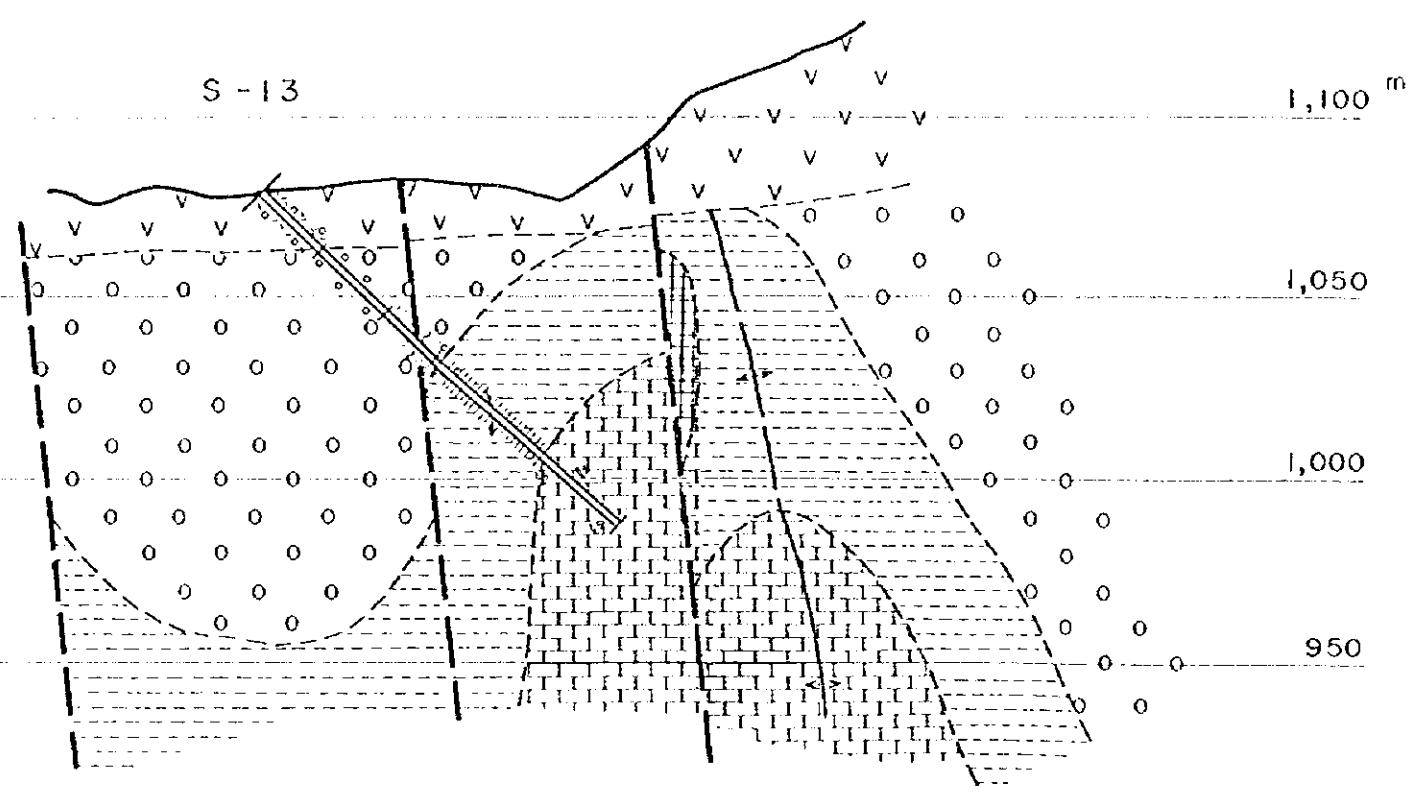
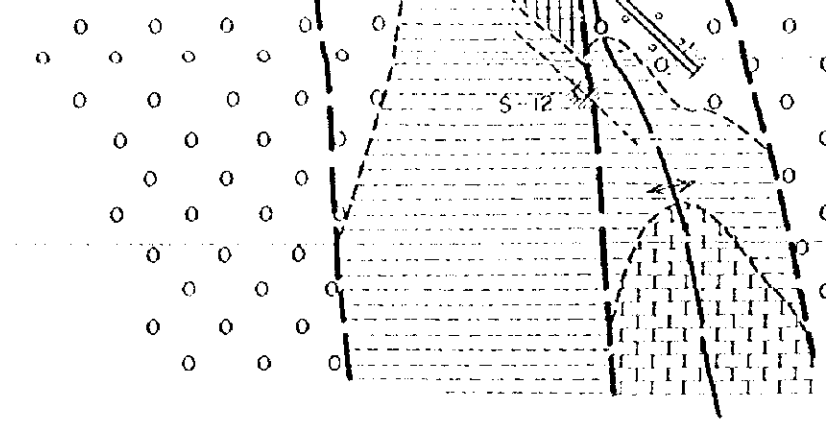
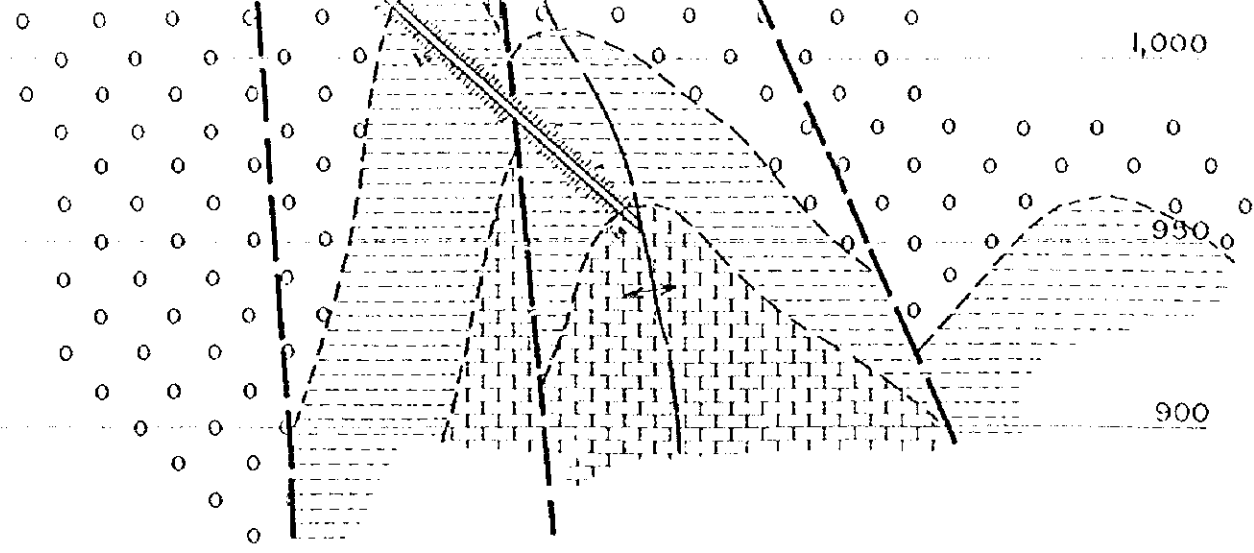


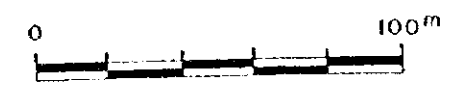
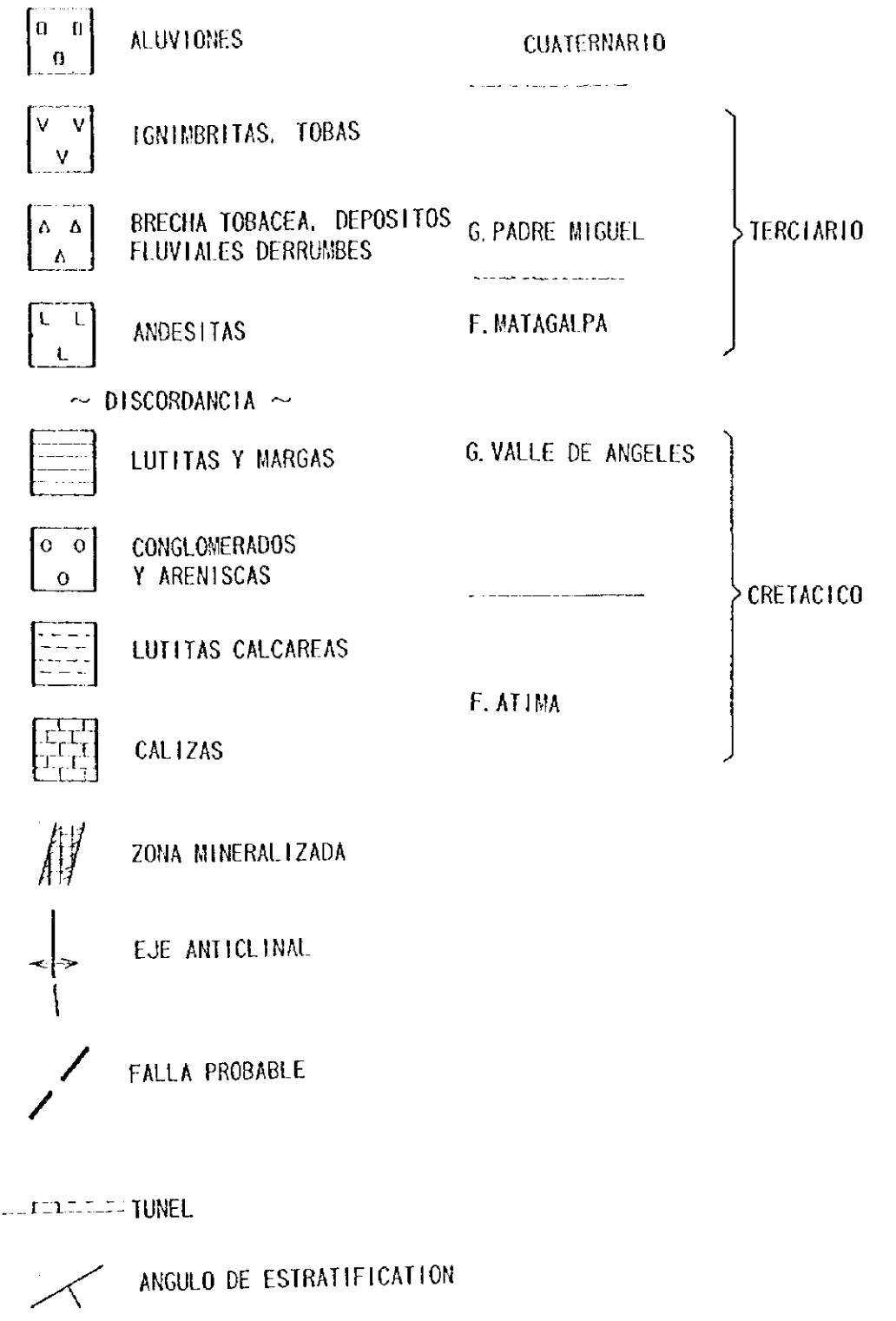
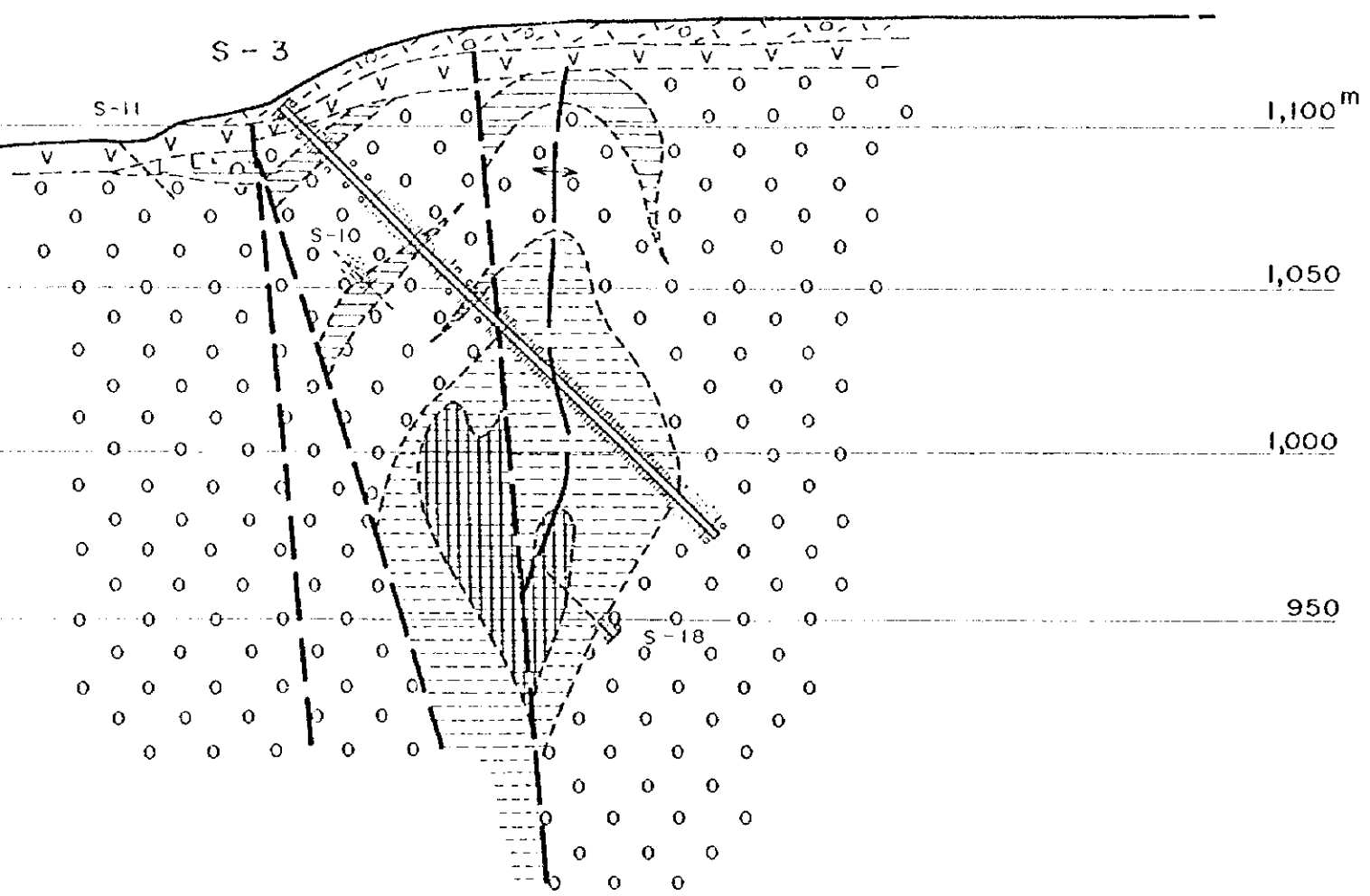
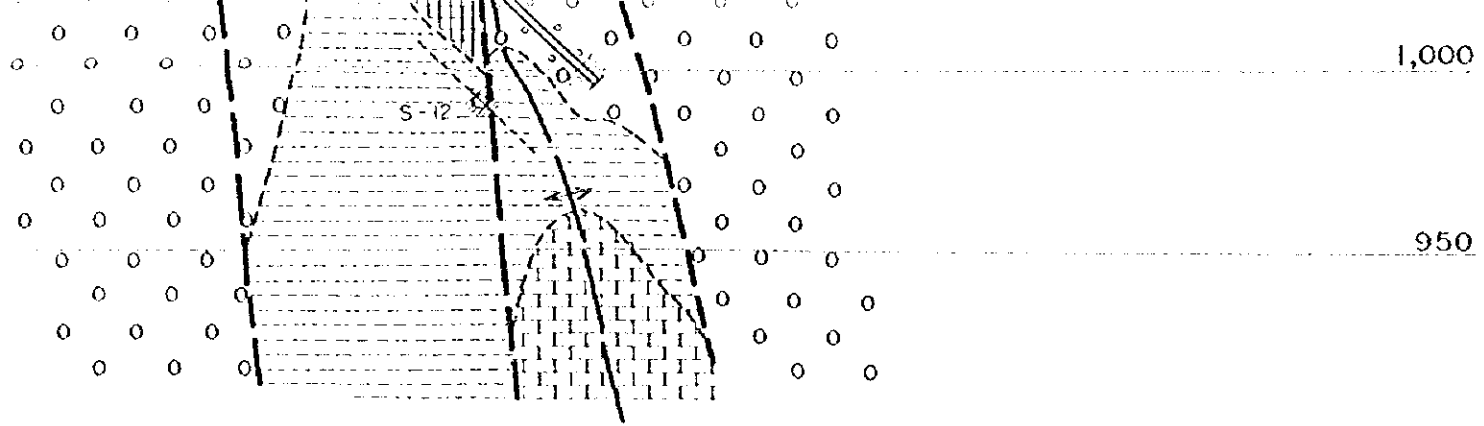
MJHS-2 MJHS-1

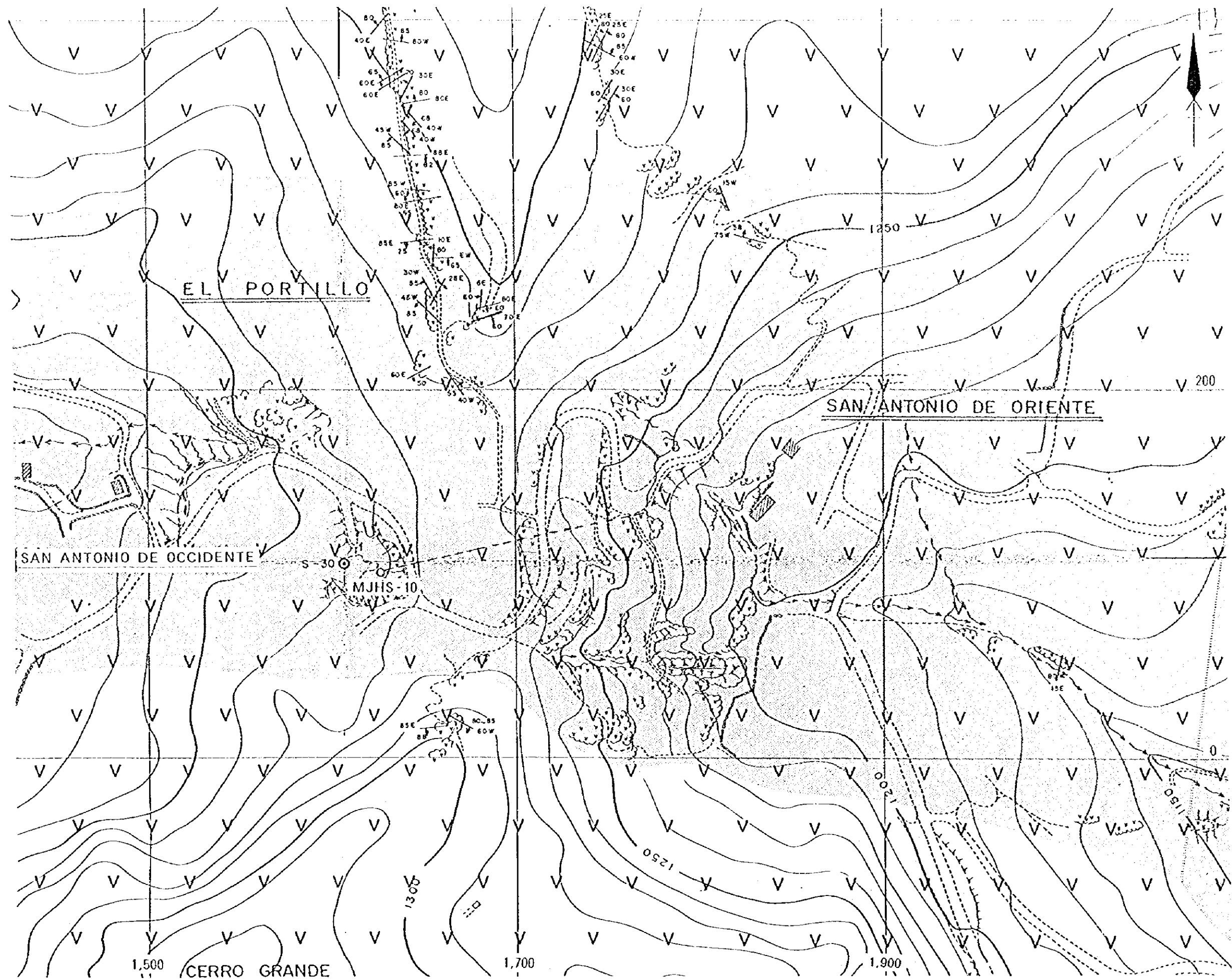


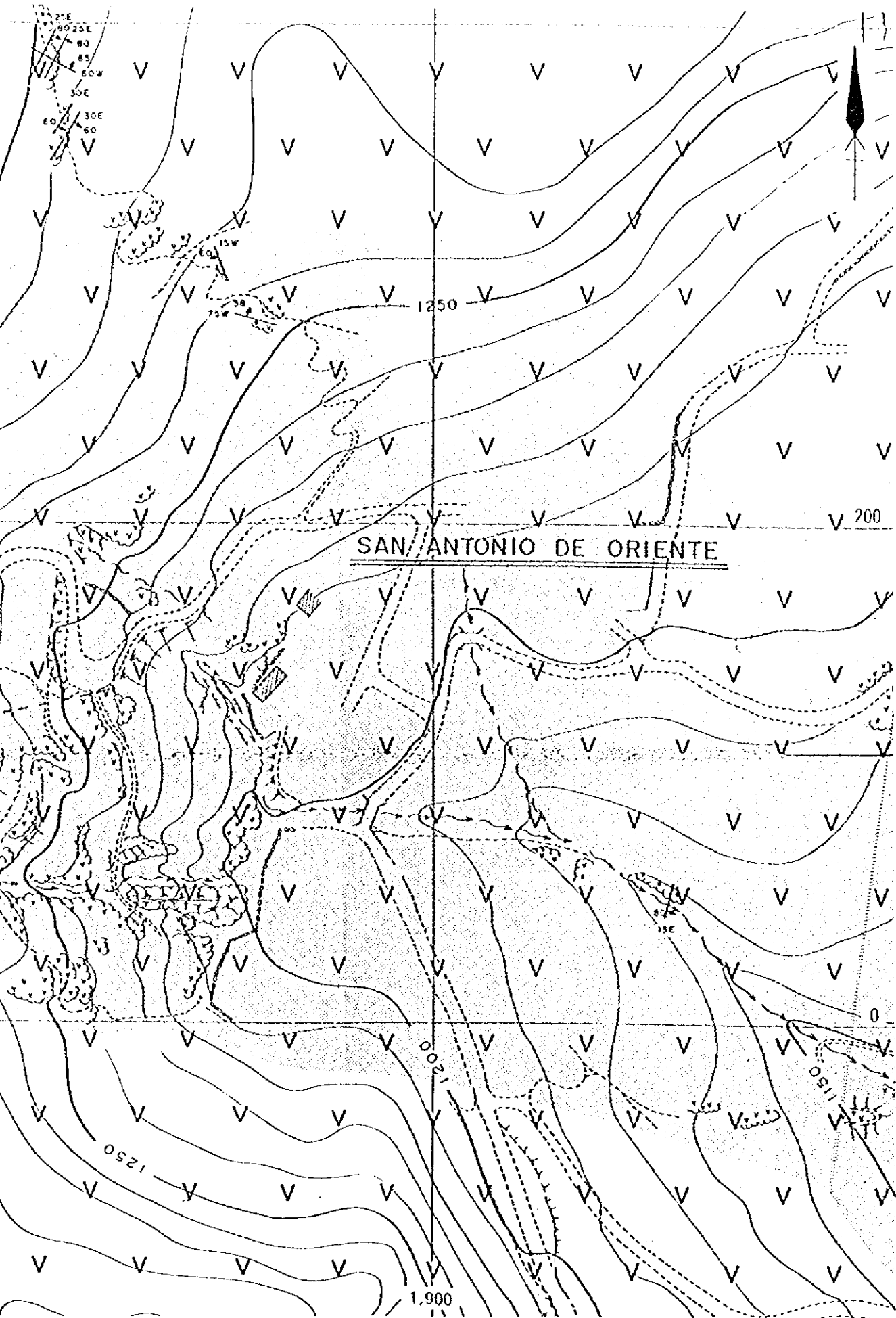
S-13











LA EXPLORACION MINERA

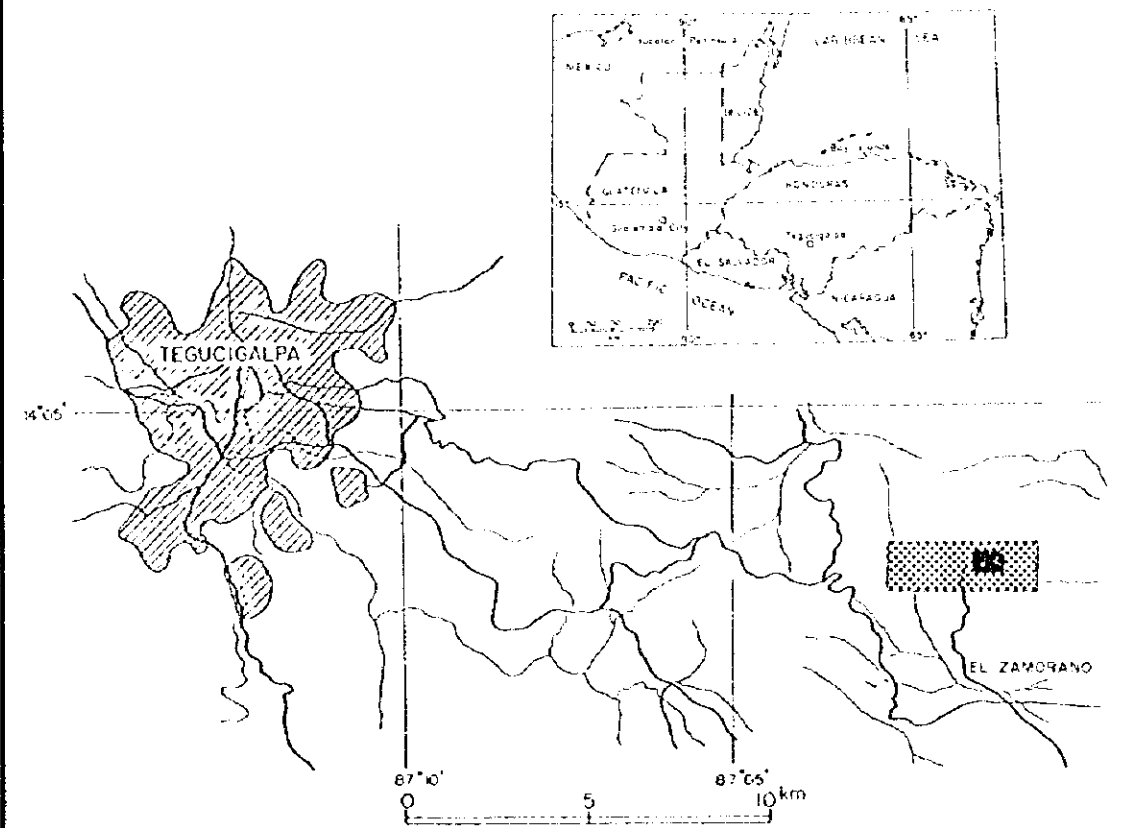
PL. 3

EN
EL AREA DE SAN ANTONIO
LA REPUBLICA DE HONDURAS

Mapa geológico y sección geológica de la perforación

(Sector San Antonio de Oriente)

(Escala 1:2,000)

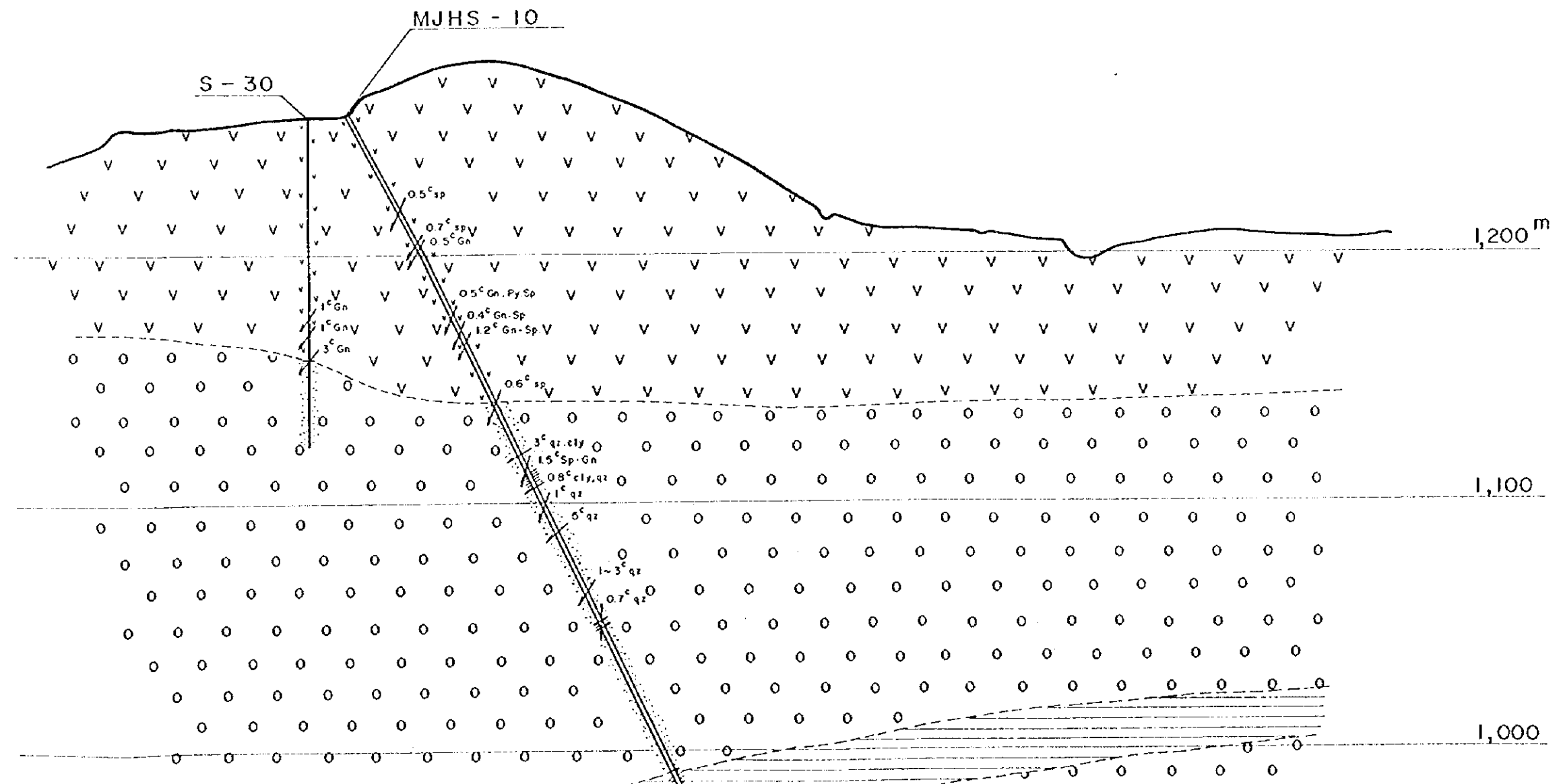
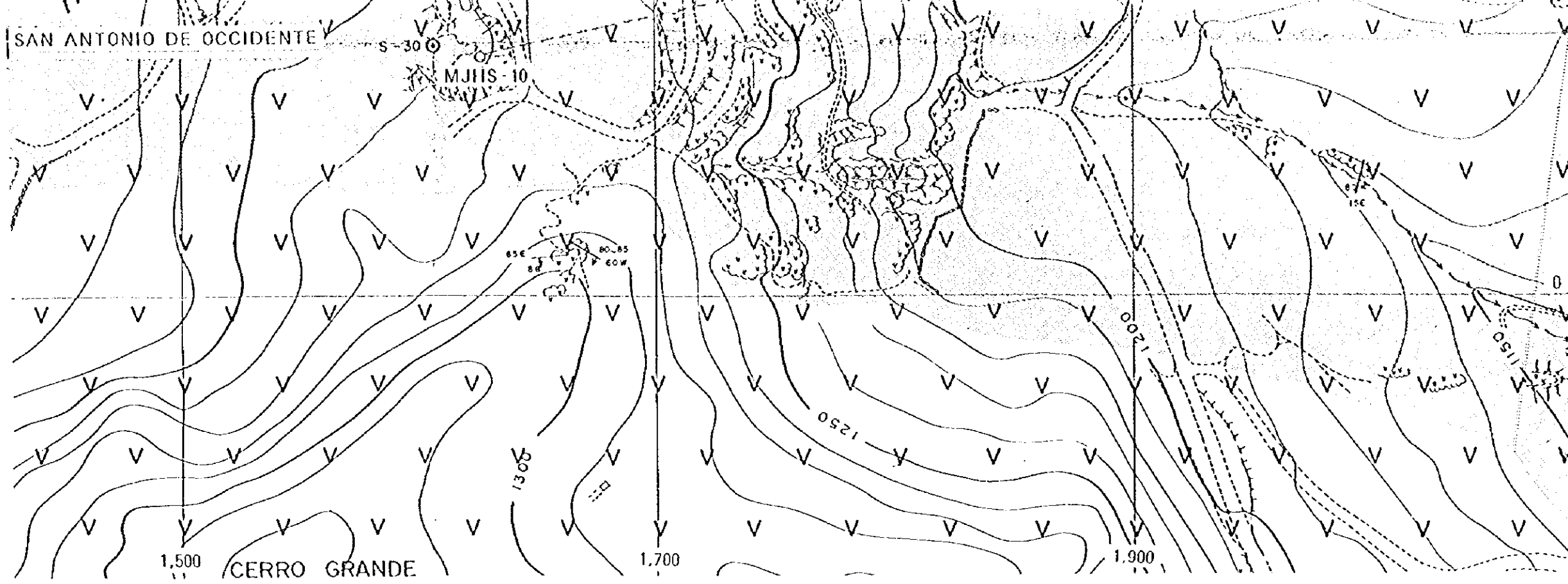


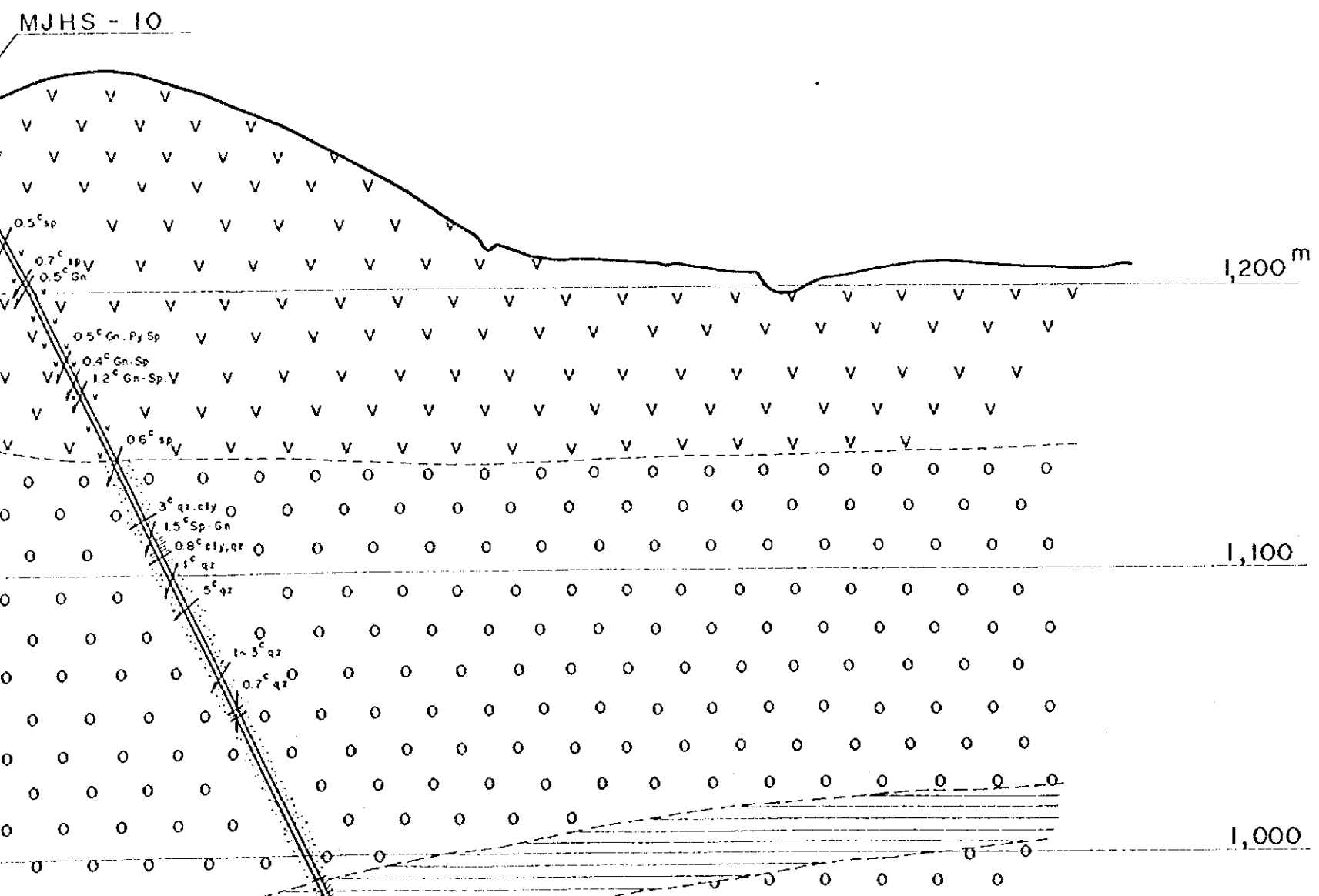
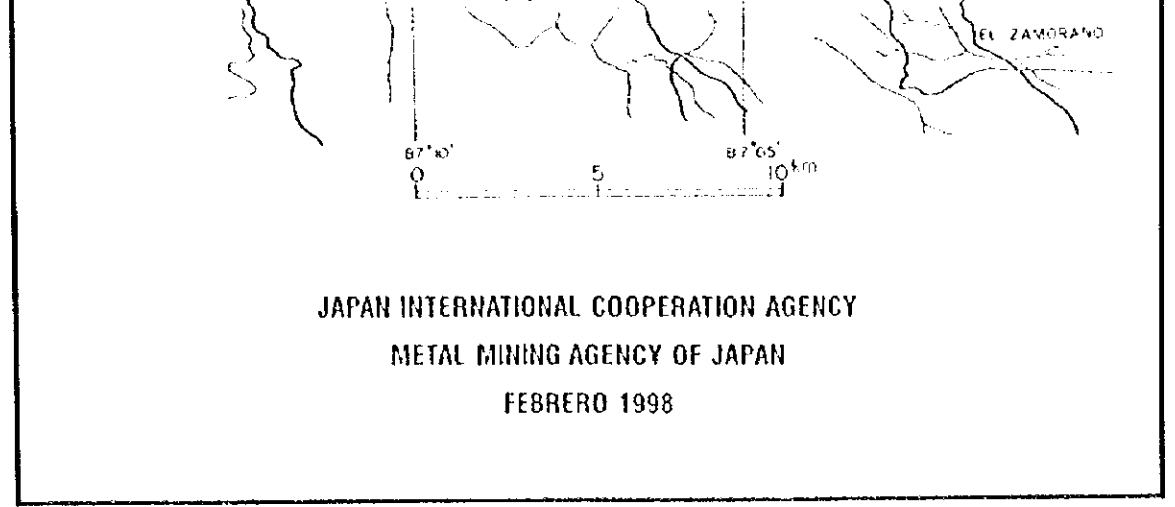
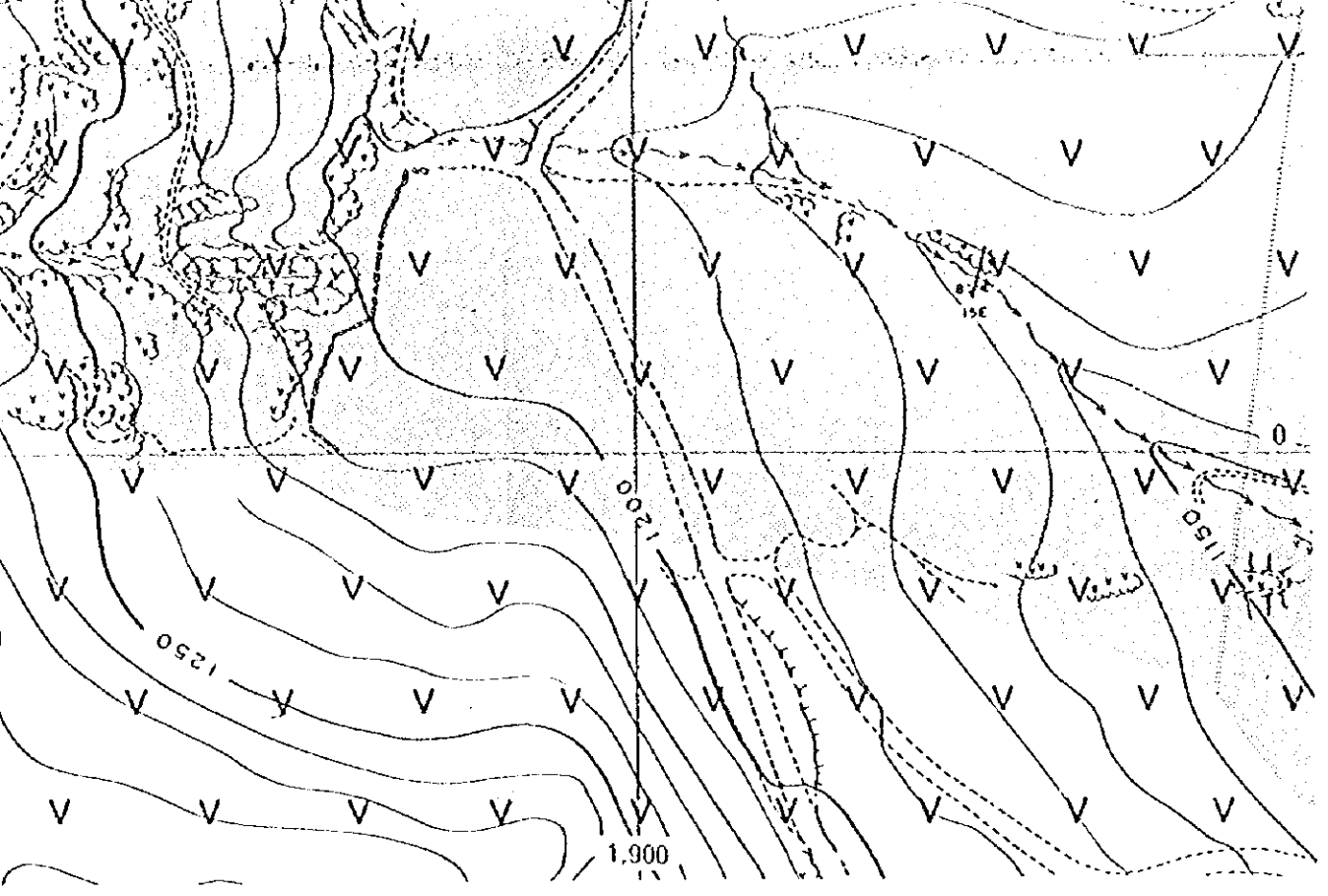
JAPAN INTERNATIONAL COOPERATION AGENCY

METAL MINING AGENCY OF JAPAN

FEBRERO 1998

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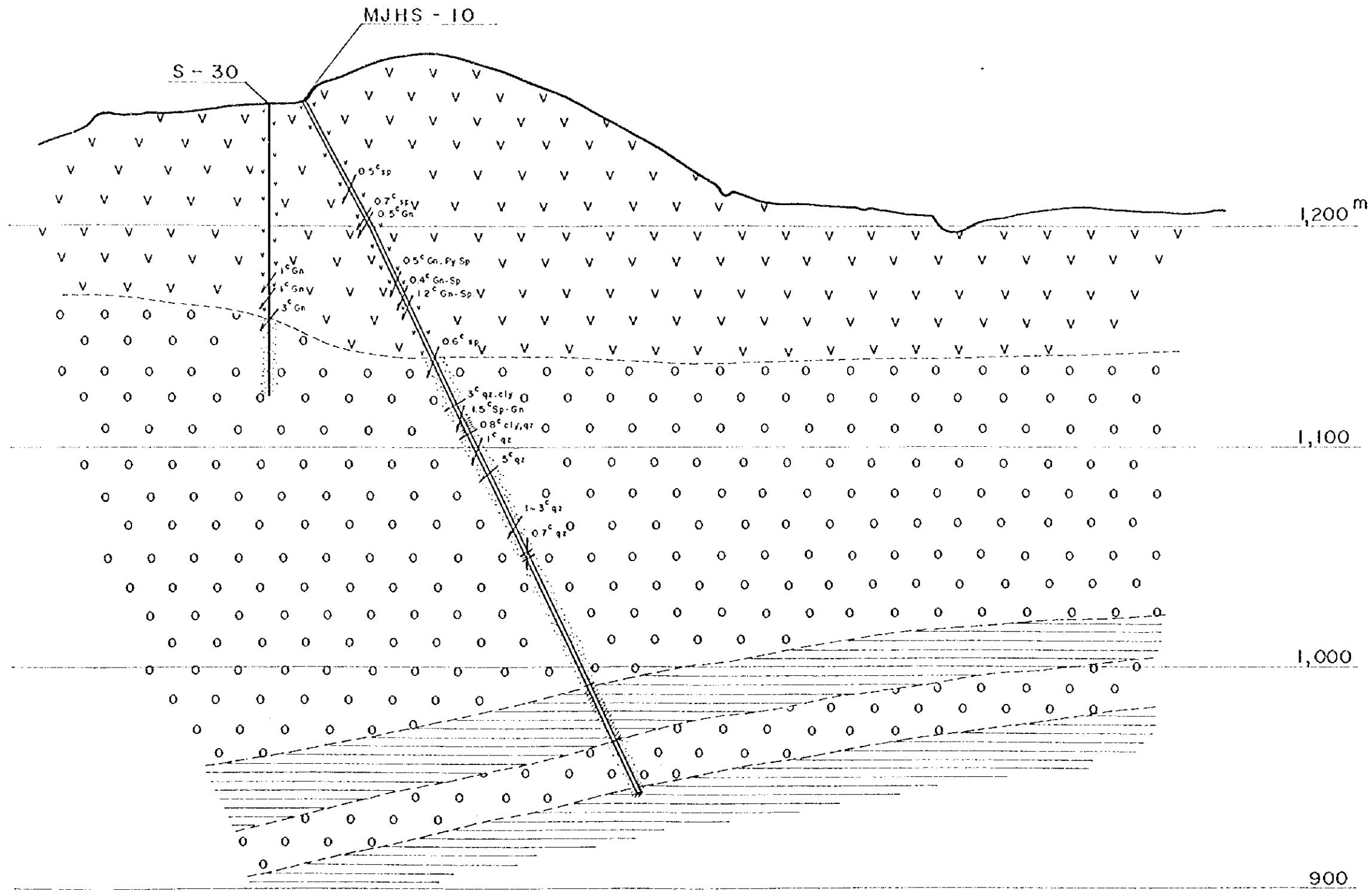
- | | | | |
|------------------|---|---------------------|-------------|
| | ALUVIONES | CUATERNARIO | |
| | IGNIMBRITAS, TOBAS | | |
| | BRECHA TOBACEA, DEPOSITOS FLUVIALES DERRUMBES | G. PADRE MIGUEL | } TERCIARIO |
| | ANDESITAS | F. MATAGALPA | |
| ~ DISCORDANCIA ~ | | | |
| | LUTITAS Y MARGAS |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

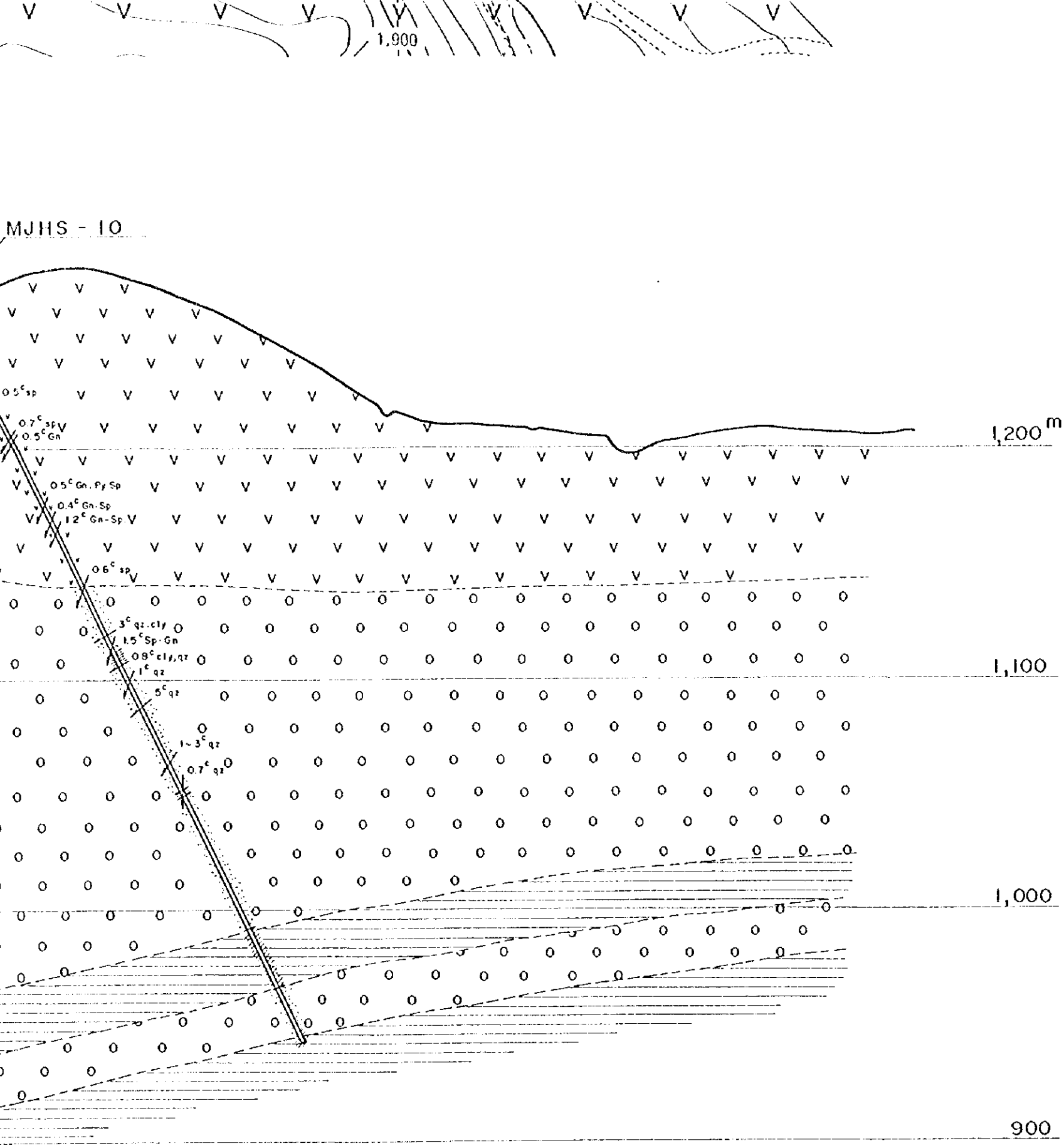
1,500

CERRO GRANDE

1,700

1,900

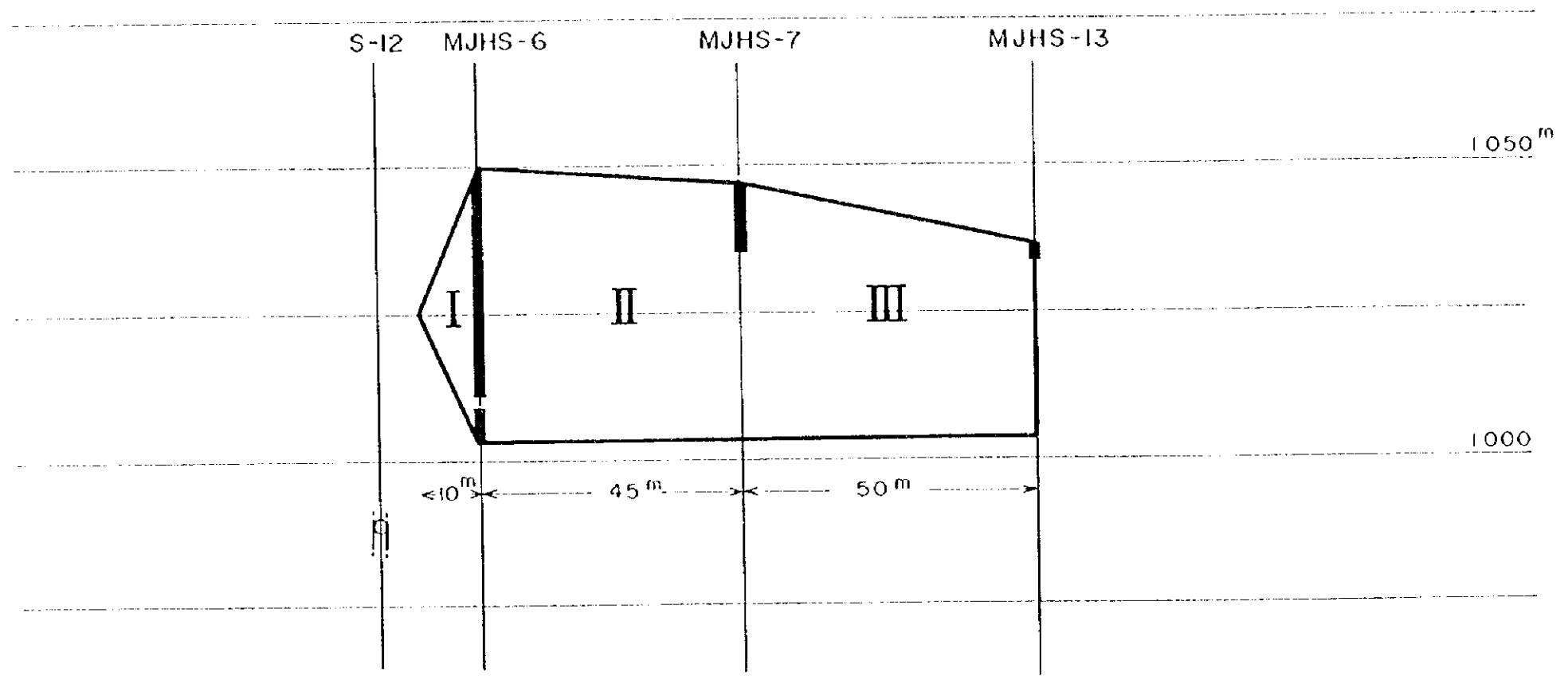




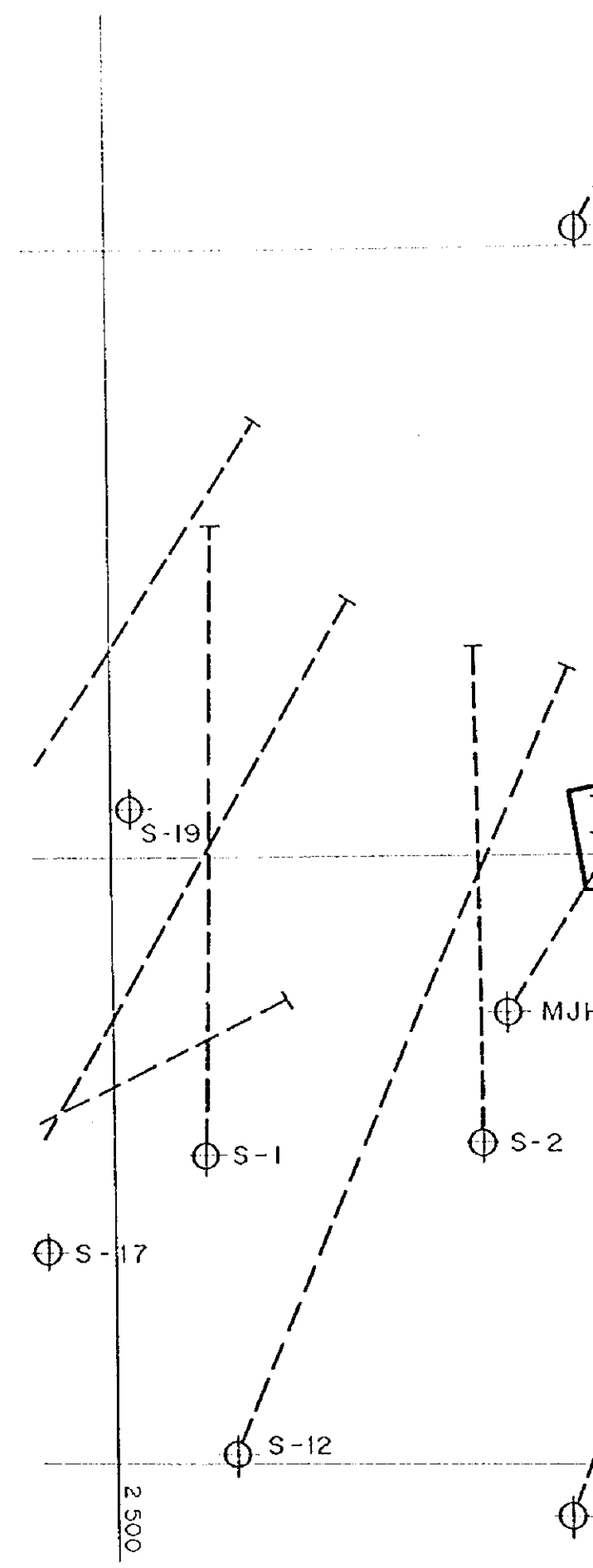
LEYENDA

- | | | | |
|------------------|---|---------------------|-------------|
| | 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 | | |





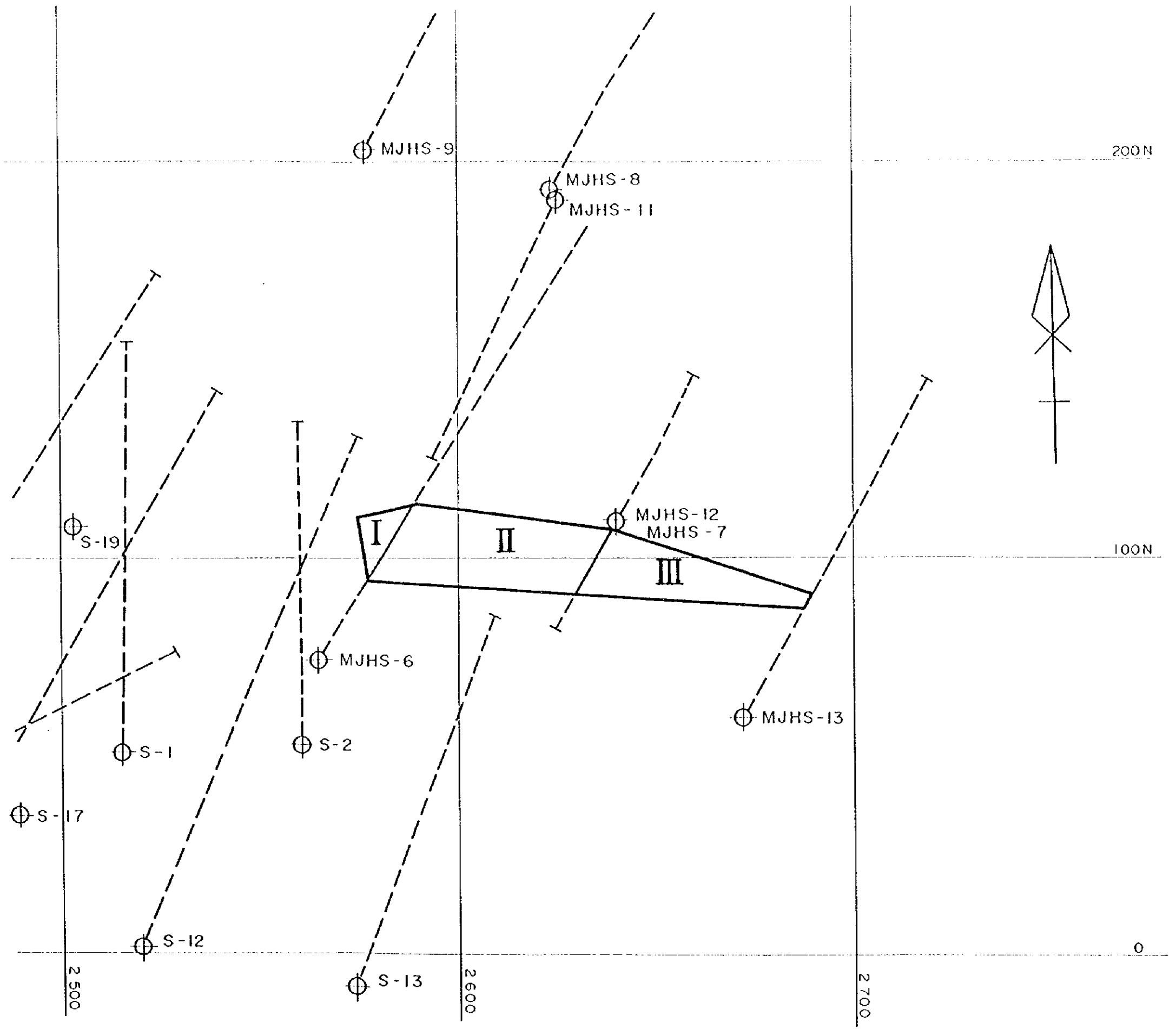
Perfil longitudinal



IS-13

1050^m

1000



200N

100N

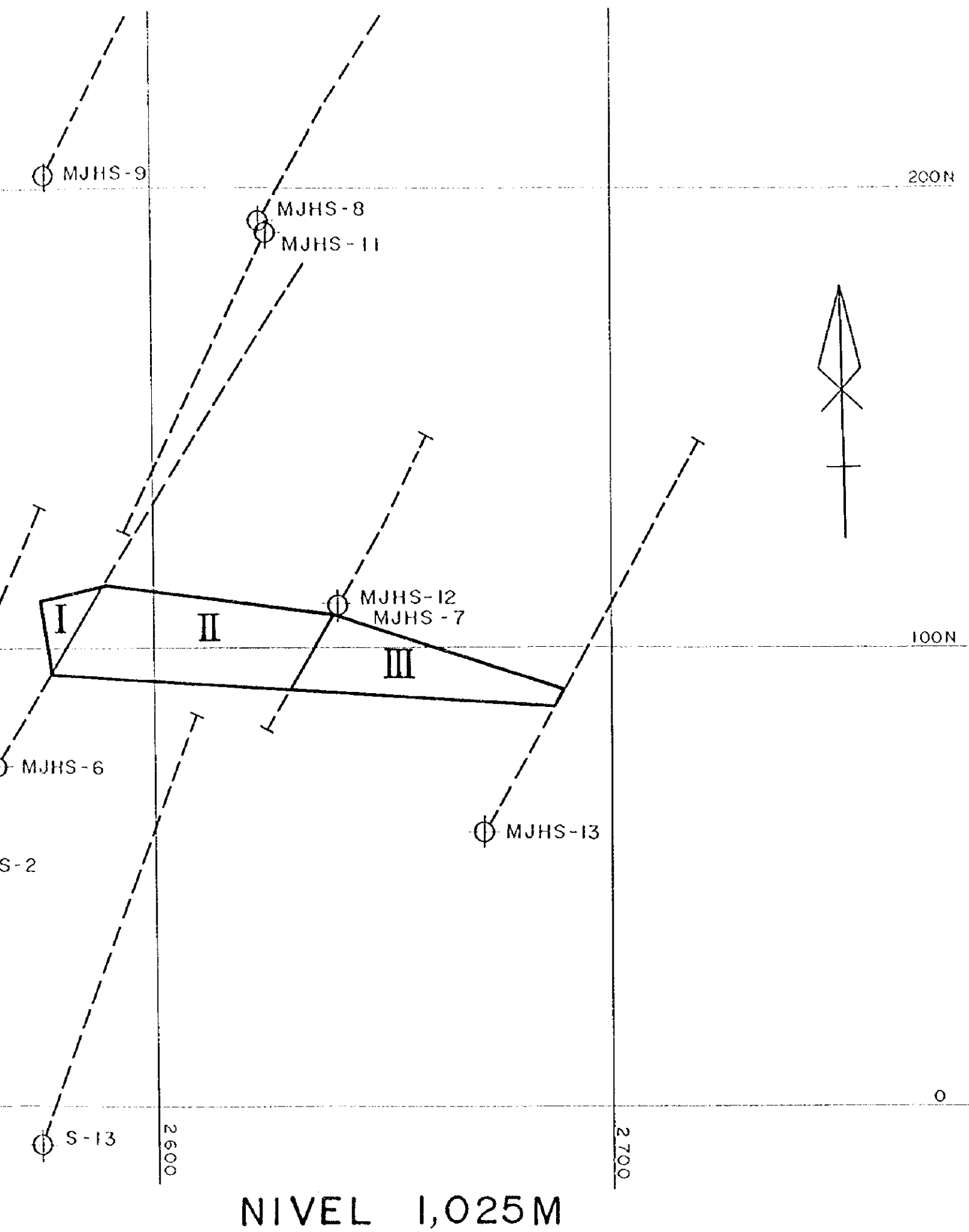
0

2500

2600

2700

NIVEL 1,025M

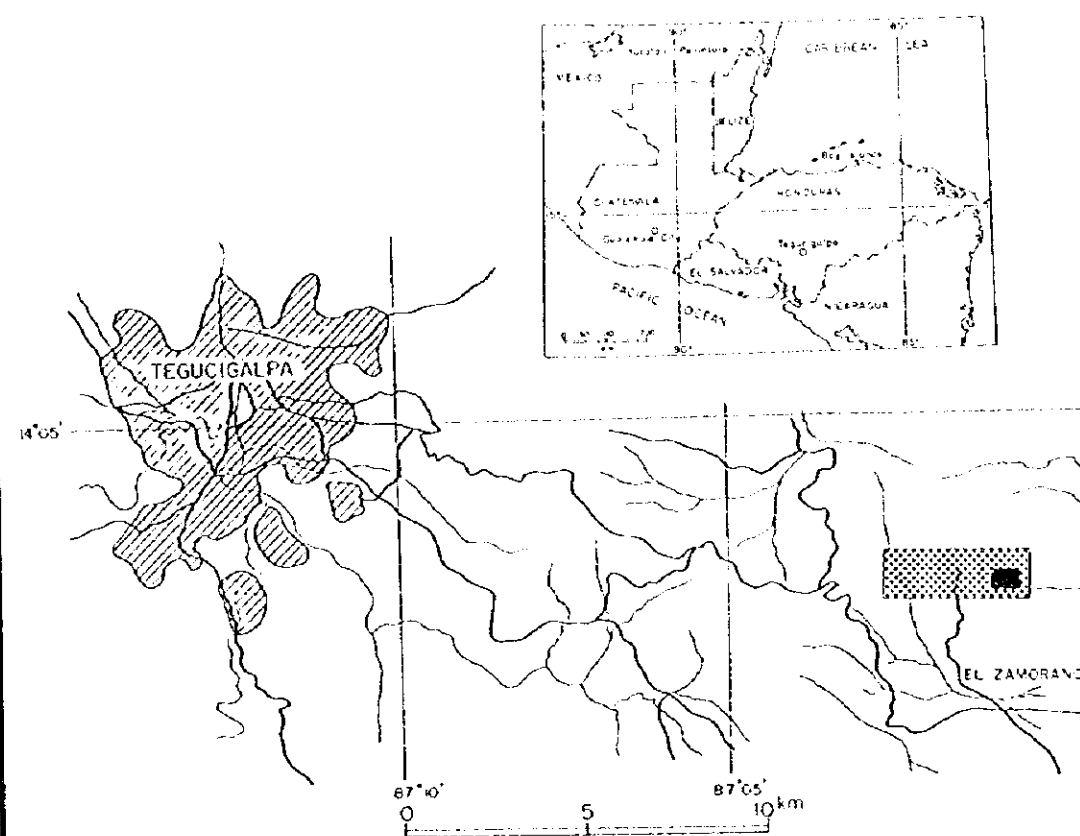


LA EXPLORACION MINERA
 EN
 EL AREA DE SAN ANTONIO
 LA REPUBLICA DE HONDURAS

PL. 4

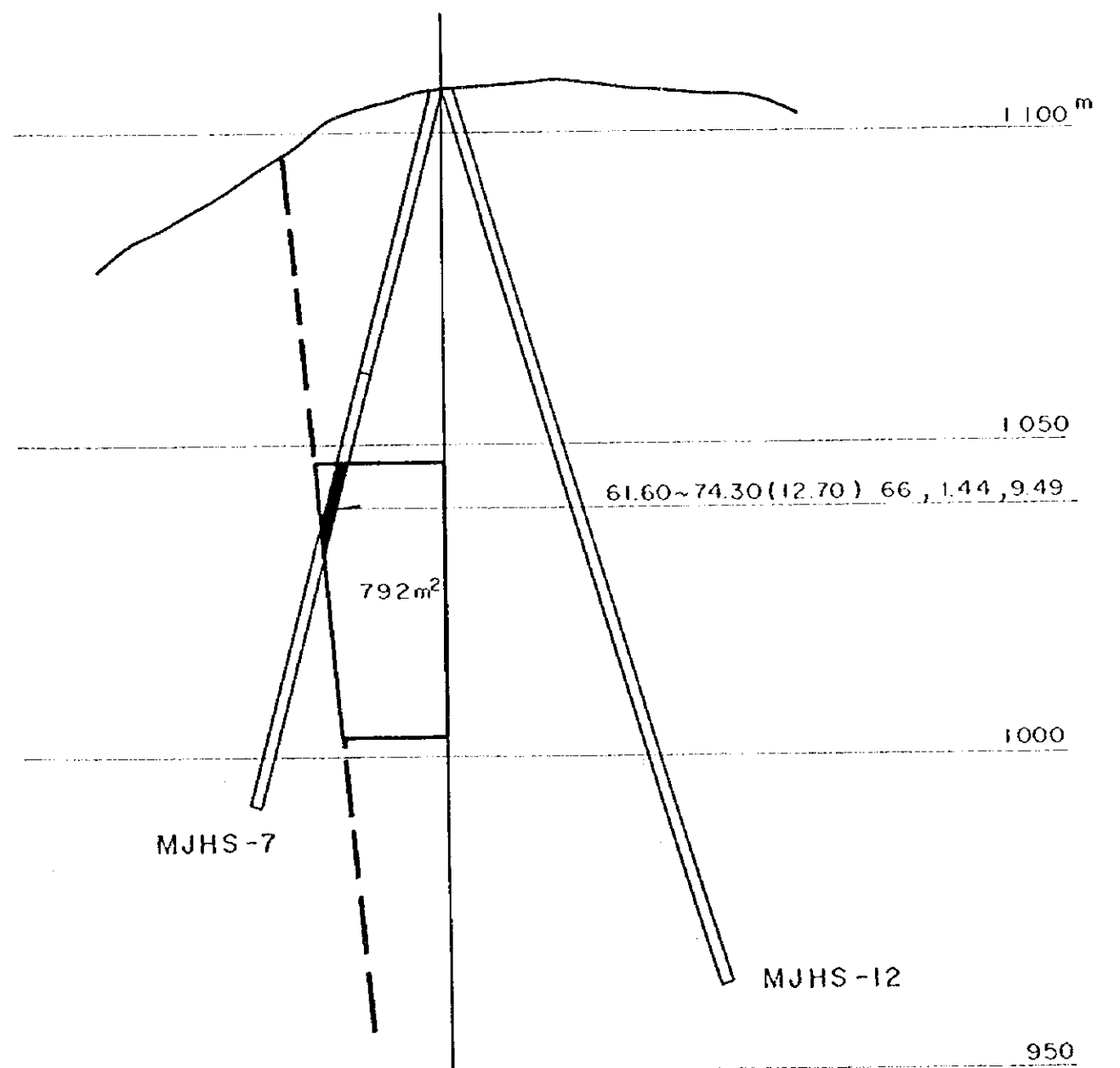
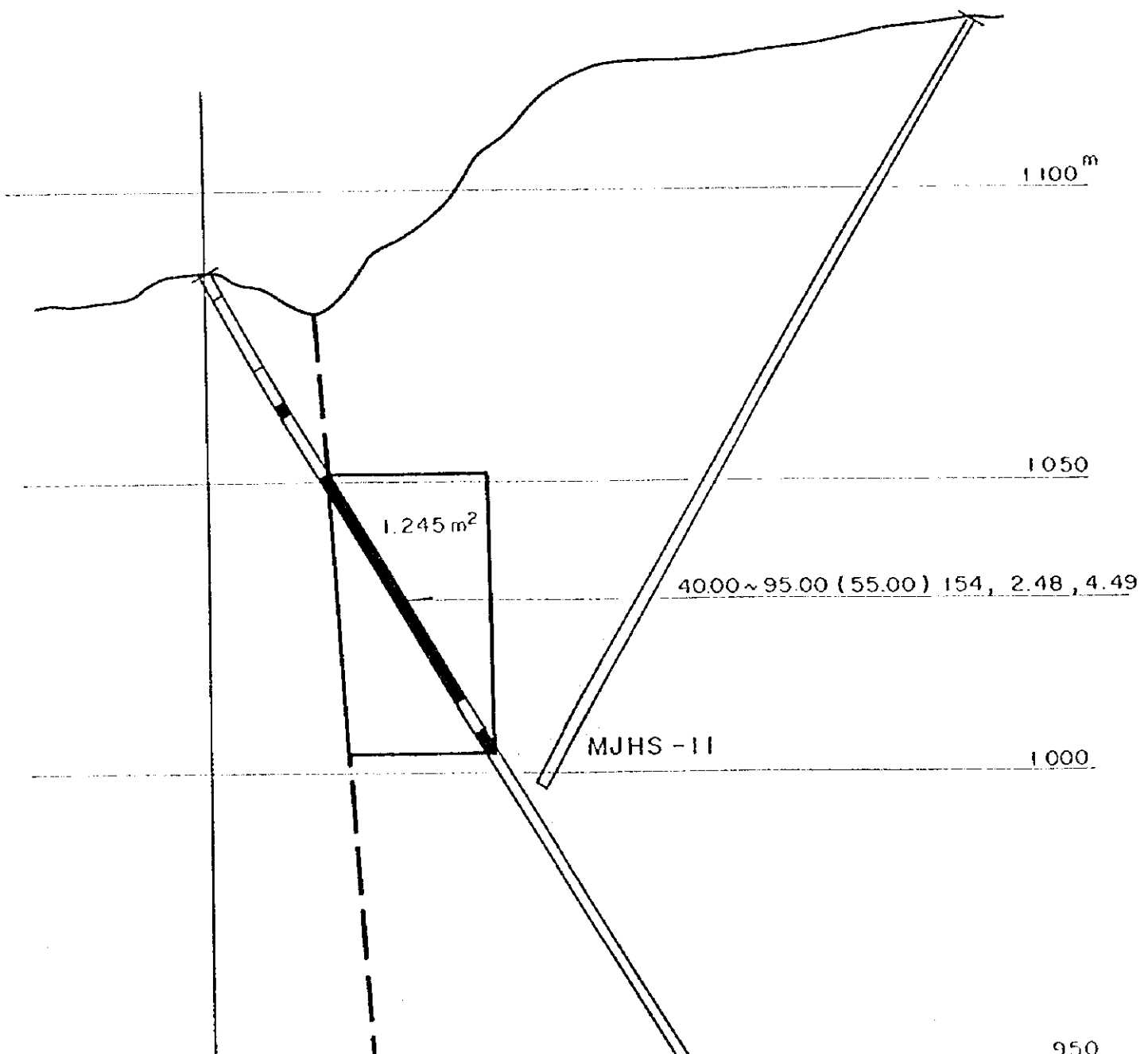
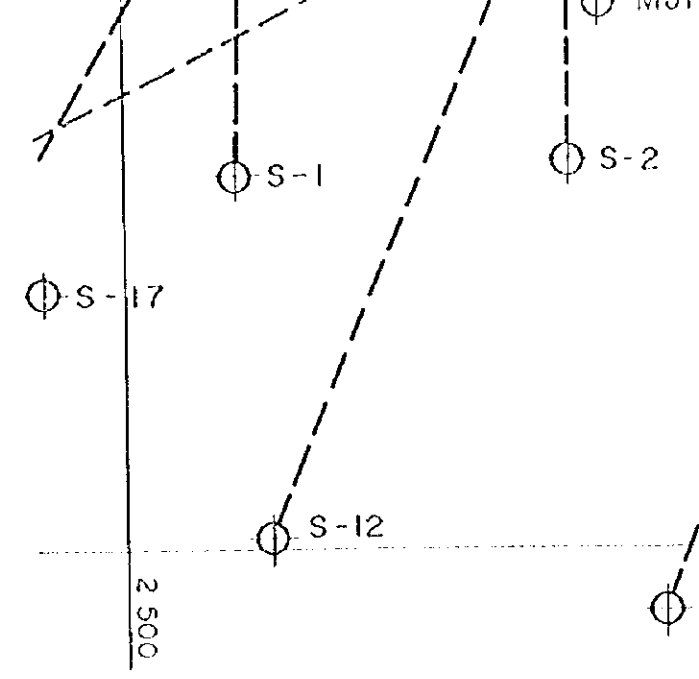
Mapa de cálculo de reserva

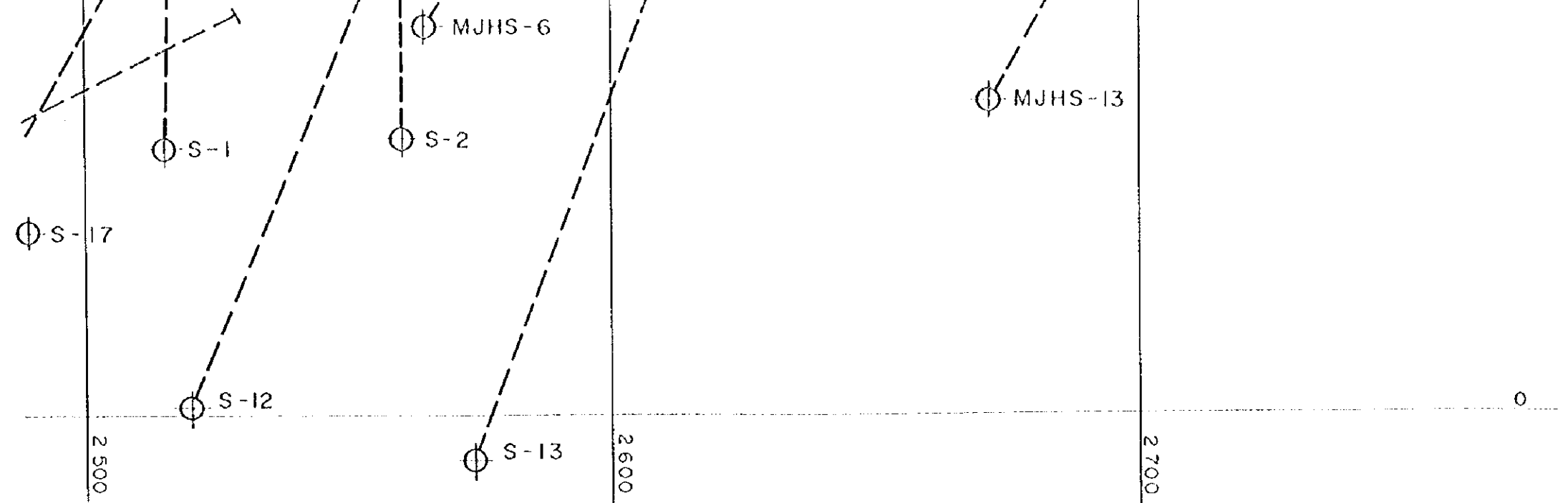
(Escala 1:1,000)



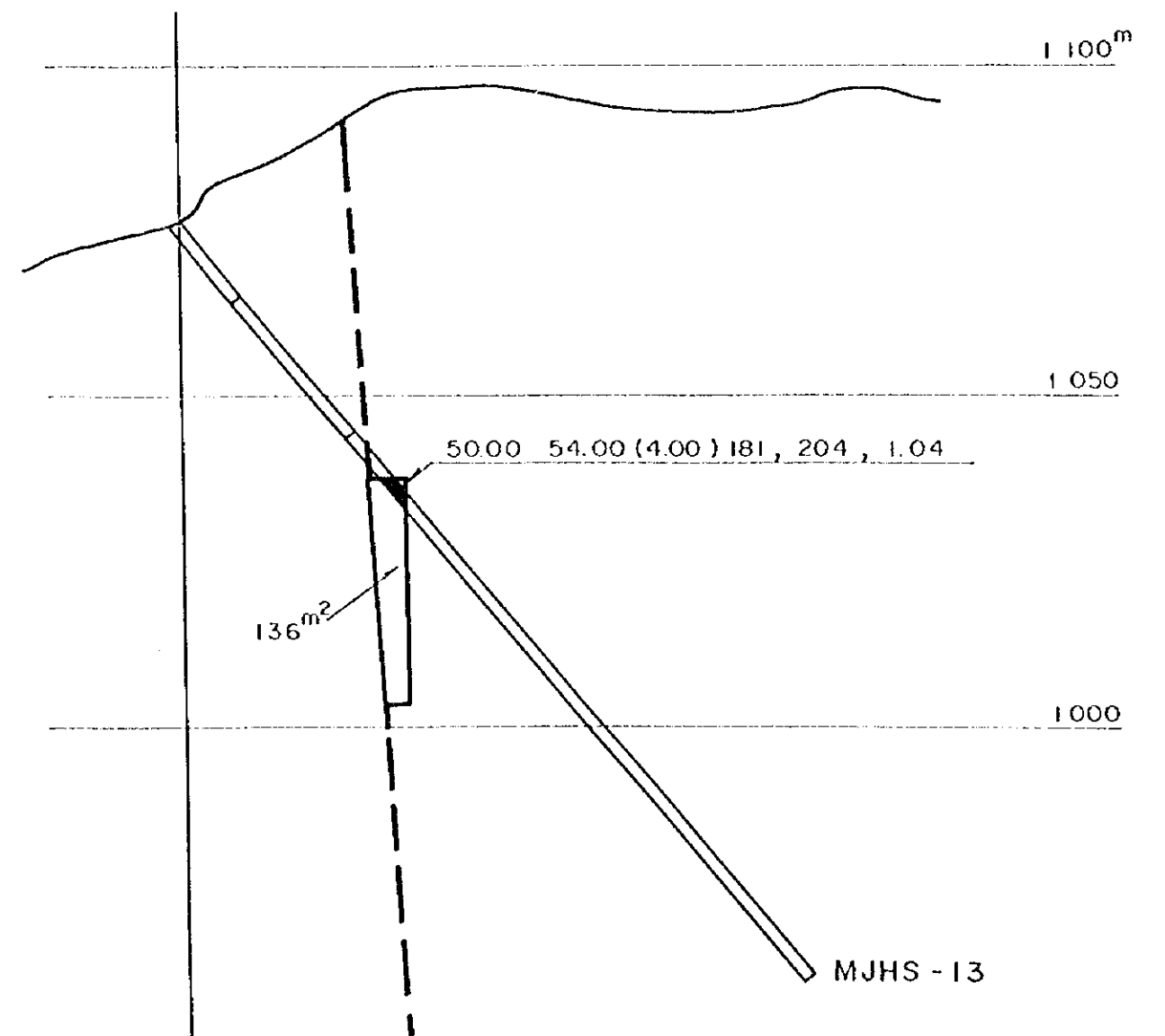
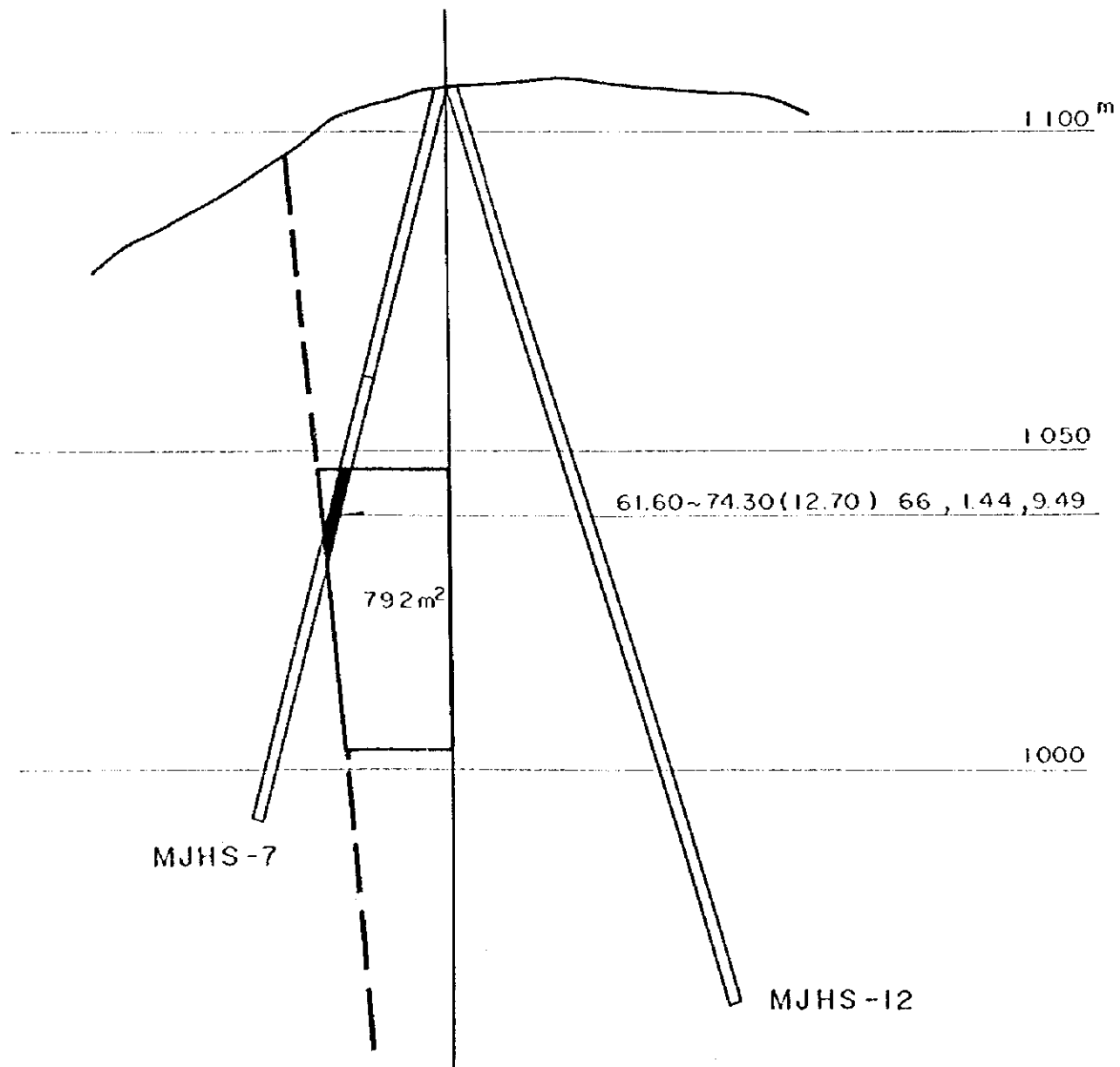
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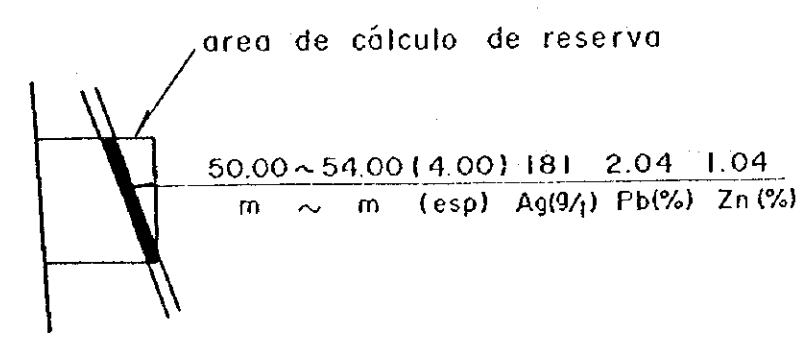
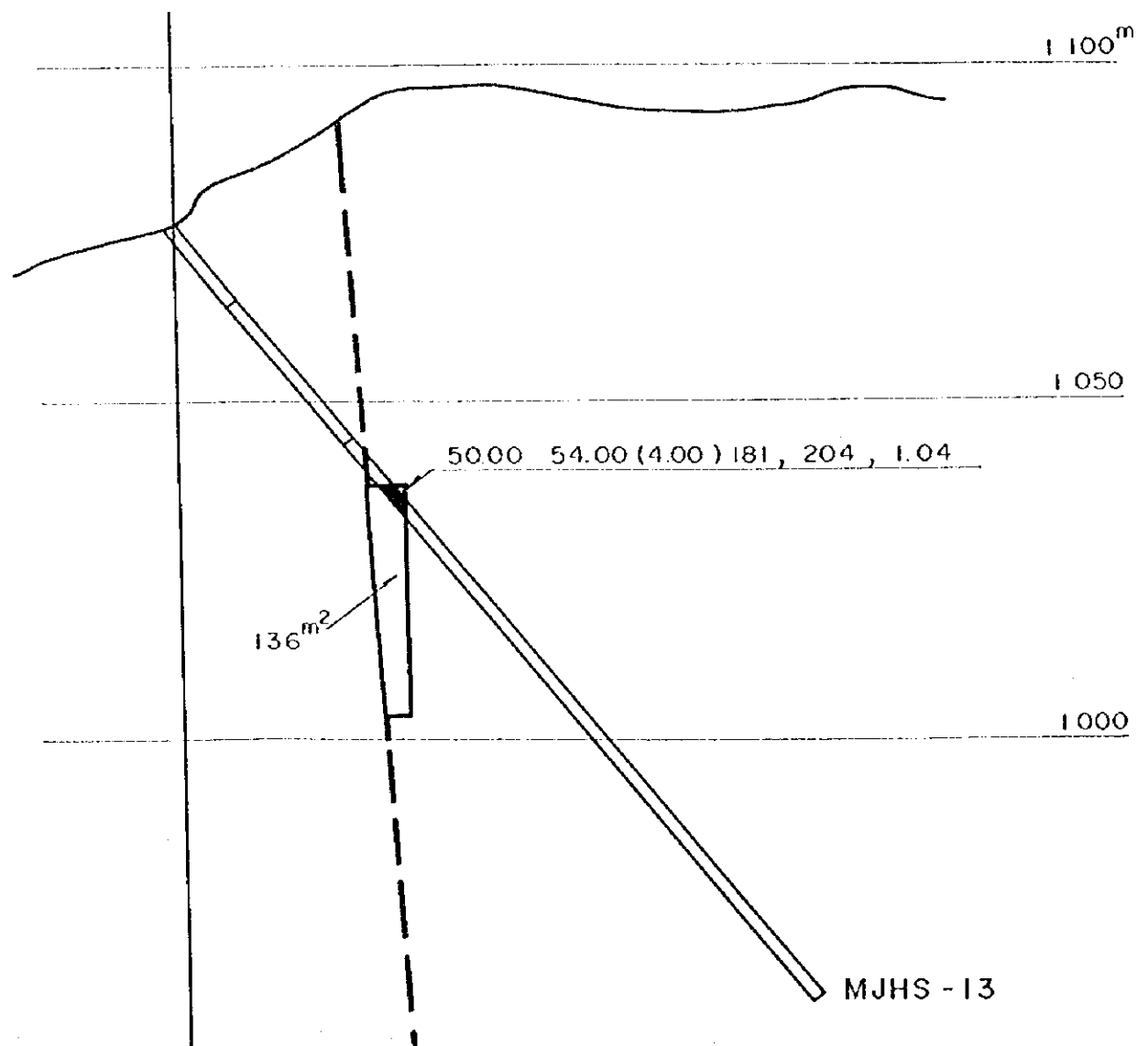
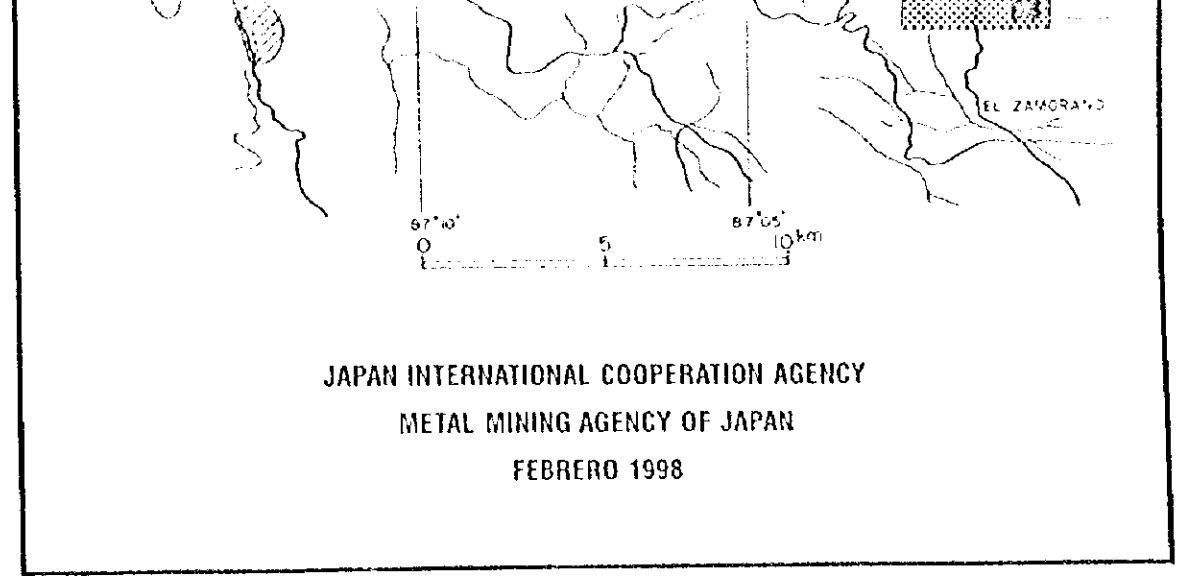
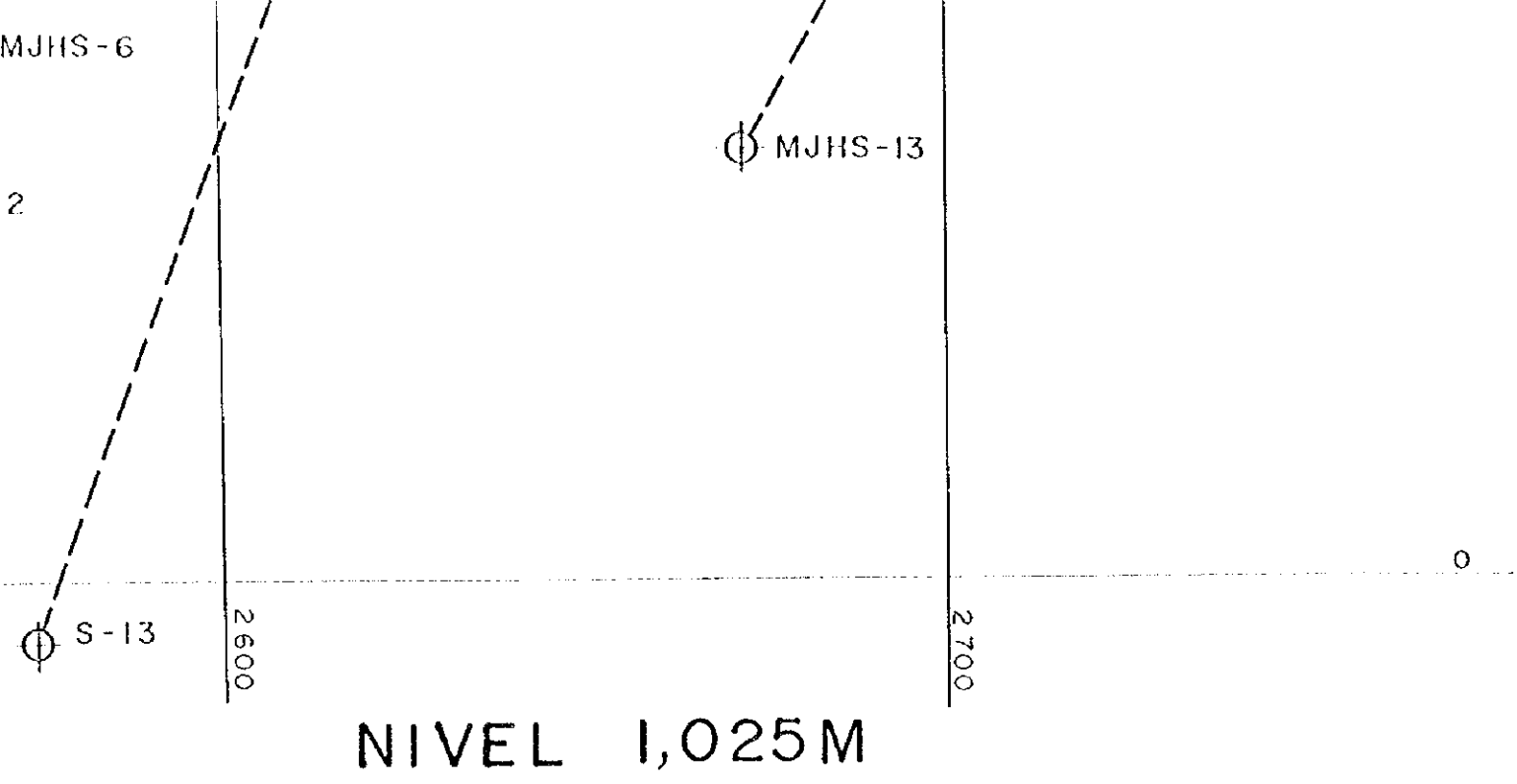
Perfil longitudinal

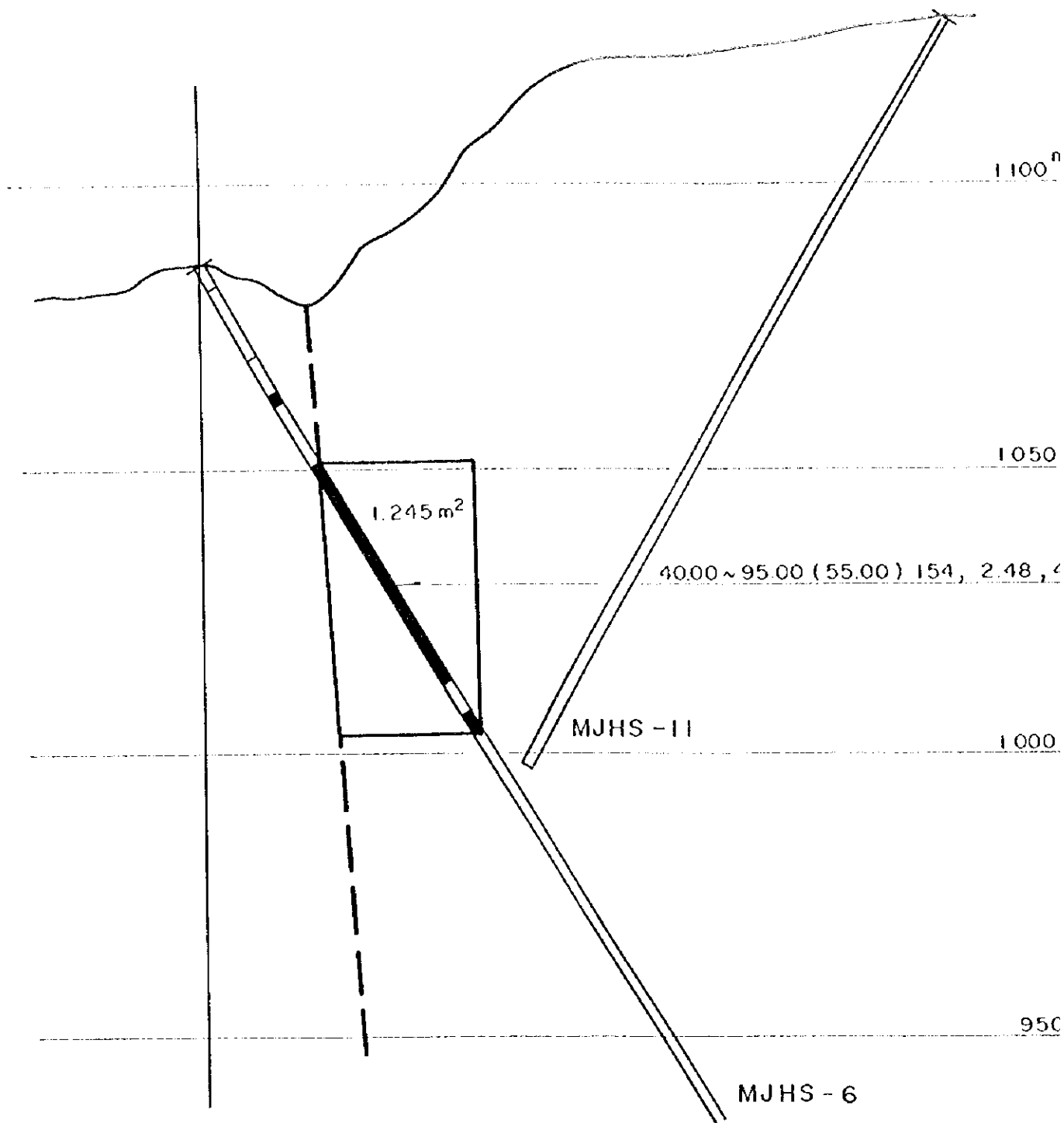




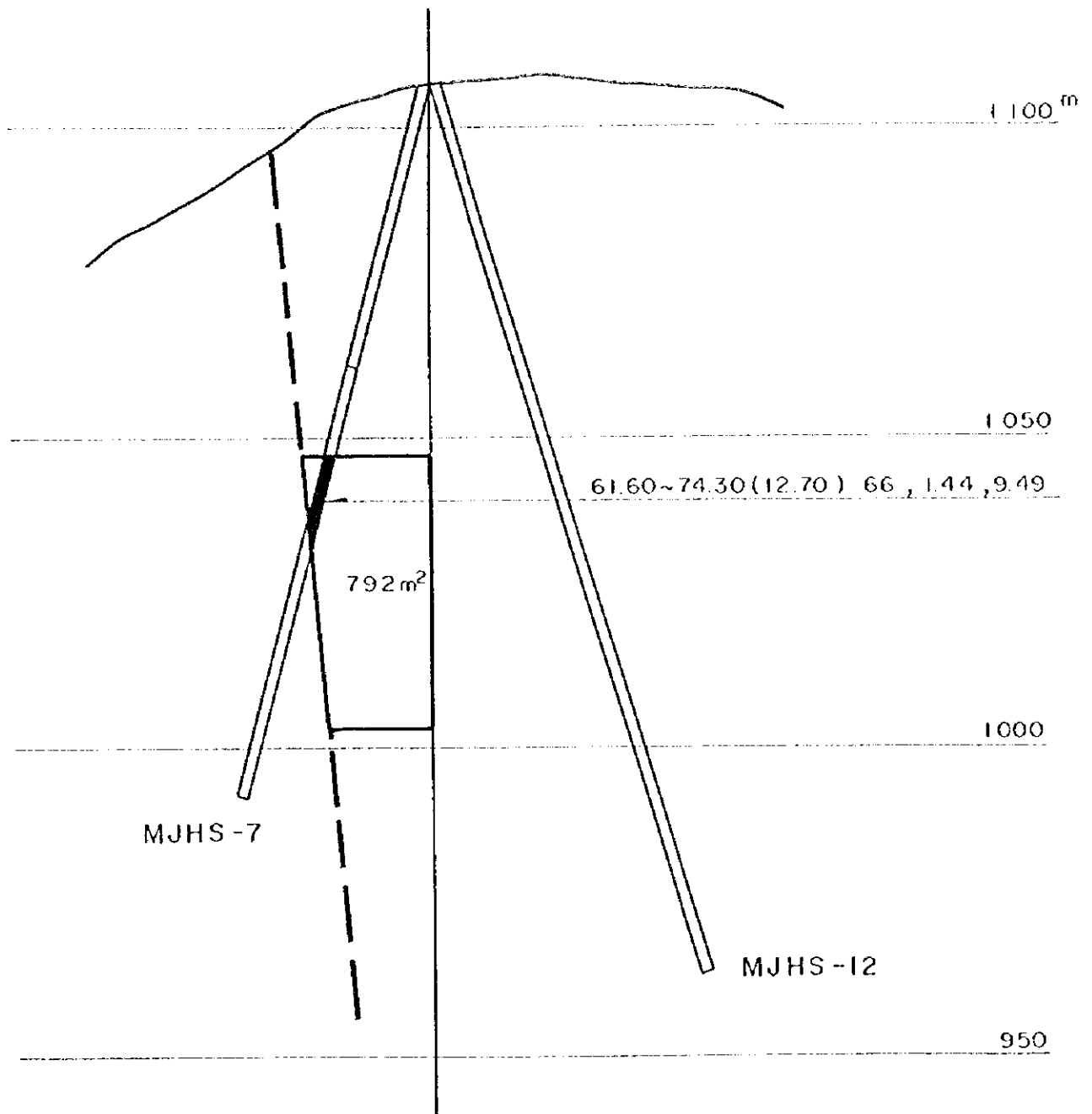
NIVEL 1,025 M



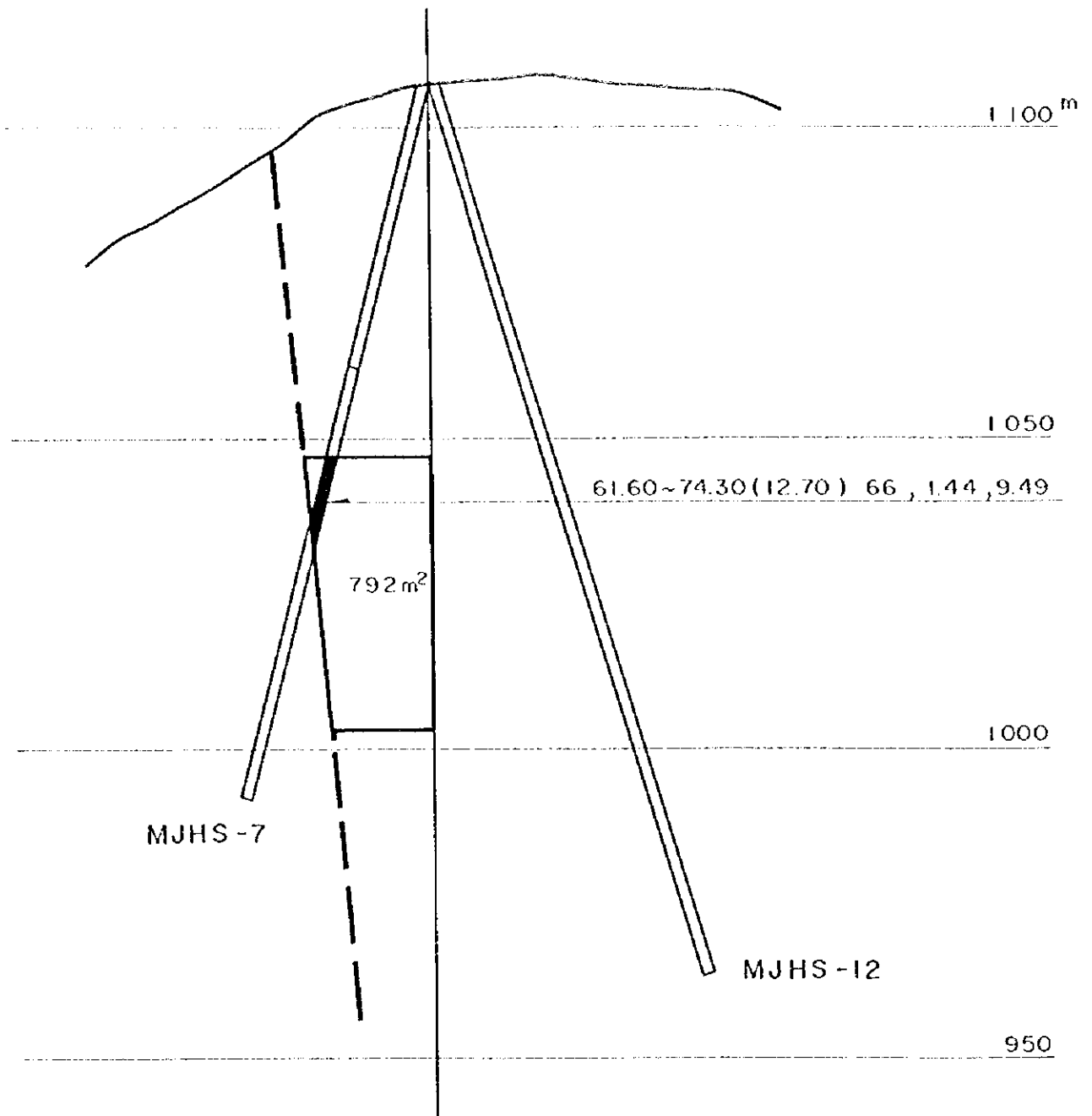




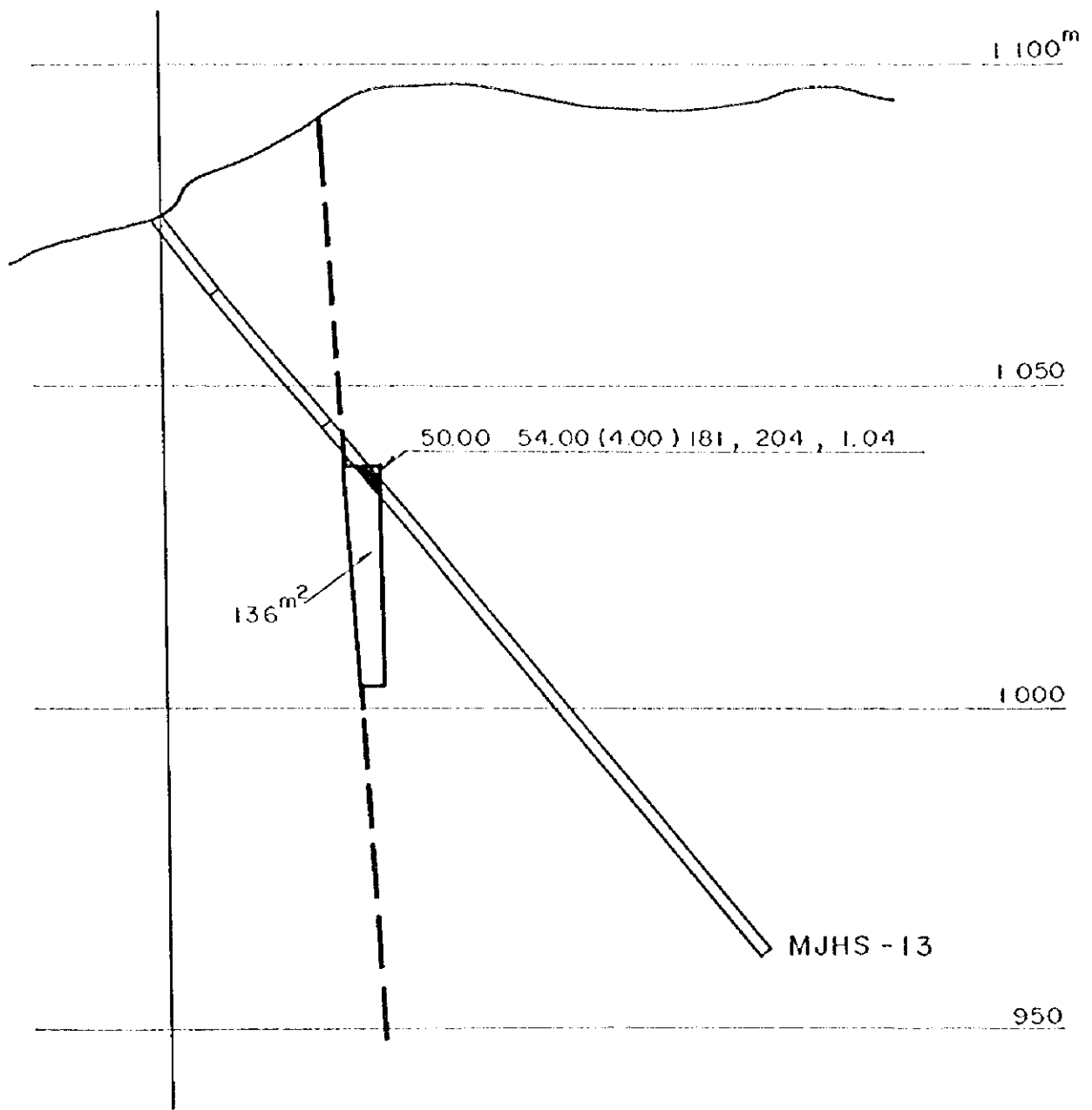
Perfil de MJHS - 6



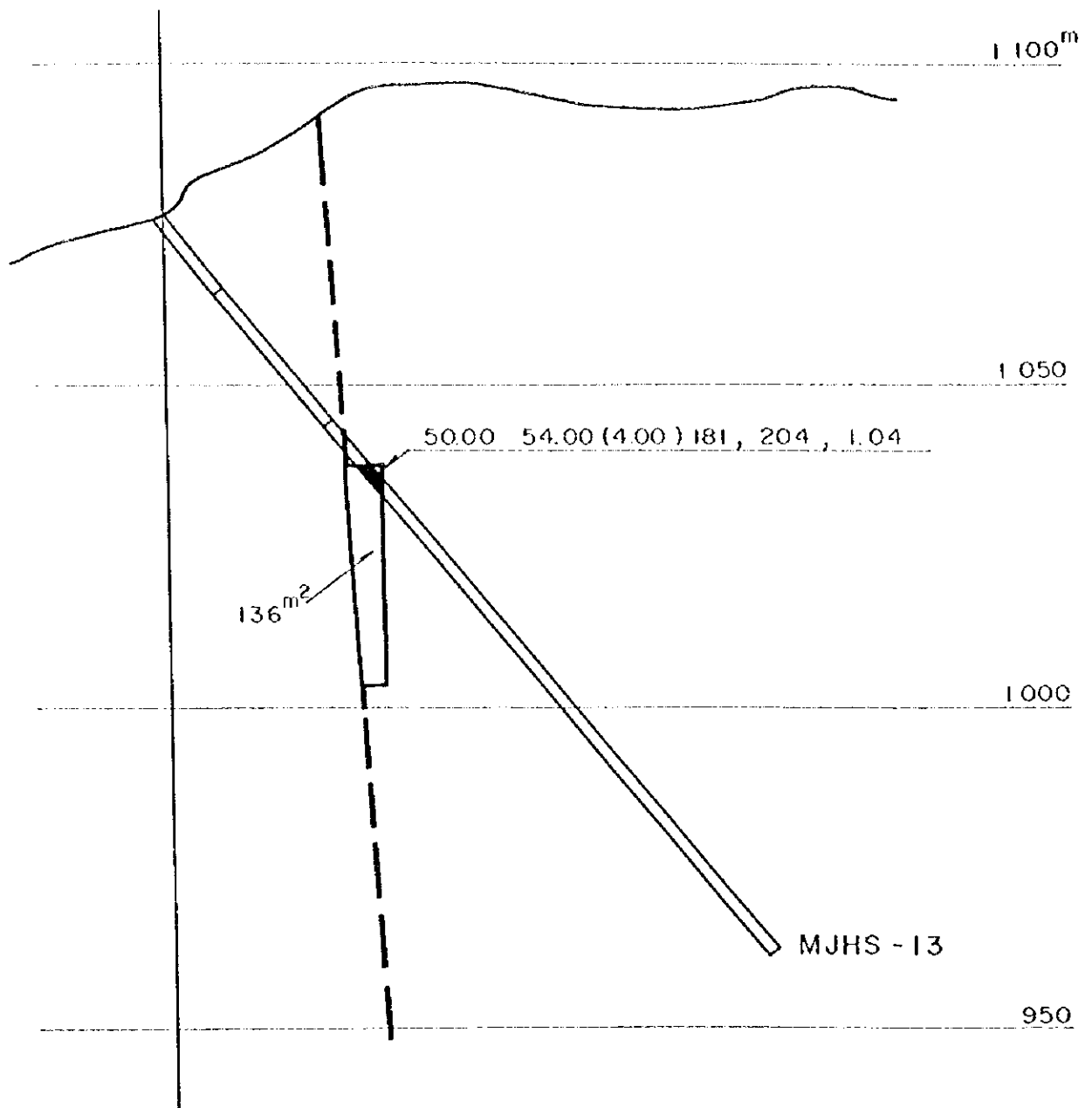
Perfil de MJHS - 7



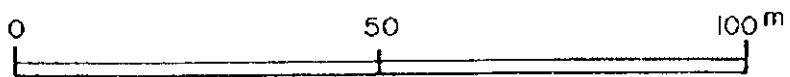
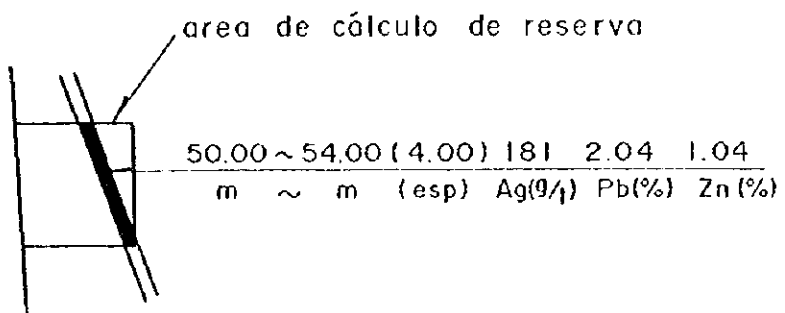
Perfil de MJHS - 7



Perfil de MJHS - 13



Perfil de MJHS - 13





1000

1000

1000

