

PLANO DE LA CUENCA MINERA DE BAUXITAS DE CAMARASA

RELACION DE MINAS

- 1.- MINA " PILAR " Nº 3626
- 2.- " "CONSUELO" Nº 3621
- 3.- " "ARACELI" Nº 3619
- 4.- " "ELENA" Nº 3627
- 5.- " "ANTONIA" Nº 361
- 6.- " "LETICIA" Nº 3631
- 7.- " "TERESITA" Nº 3646
- 8.- " "ANA" Nº 3635
- 9.- " "JOSE" Nº 3744
- 10.- " "REINA" Nº 3704
- 11.- " "PRINCESA" 3797

■ APLORAMIENTOS DE BAUXIT

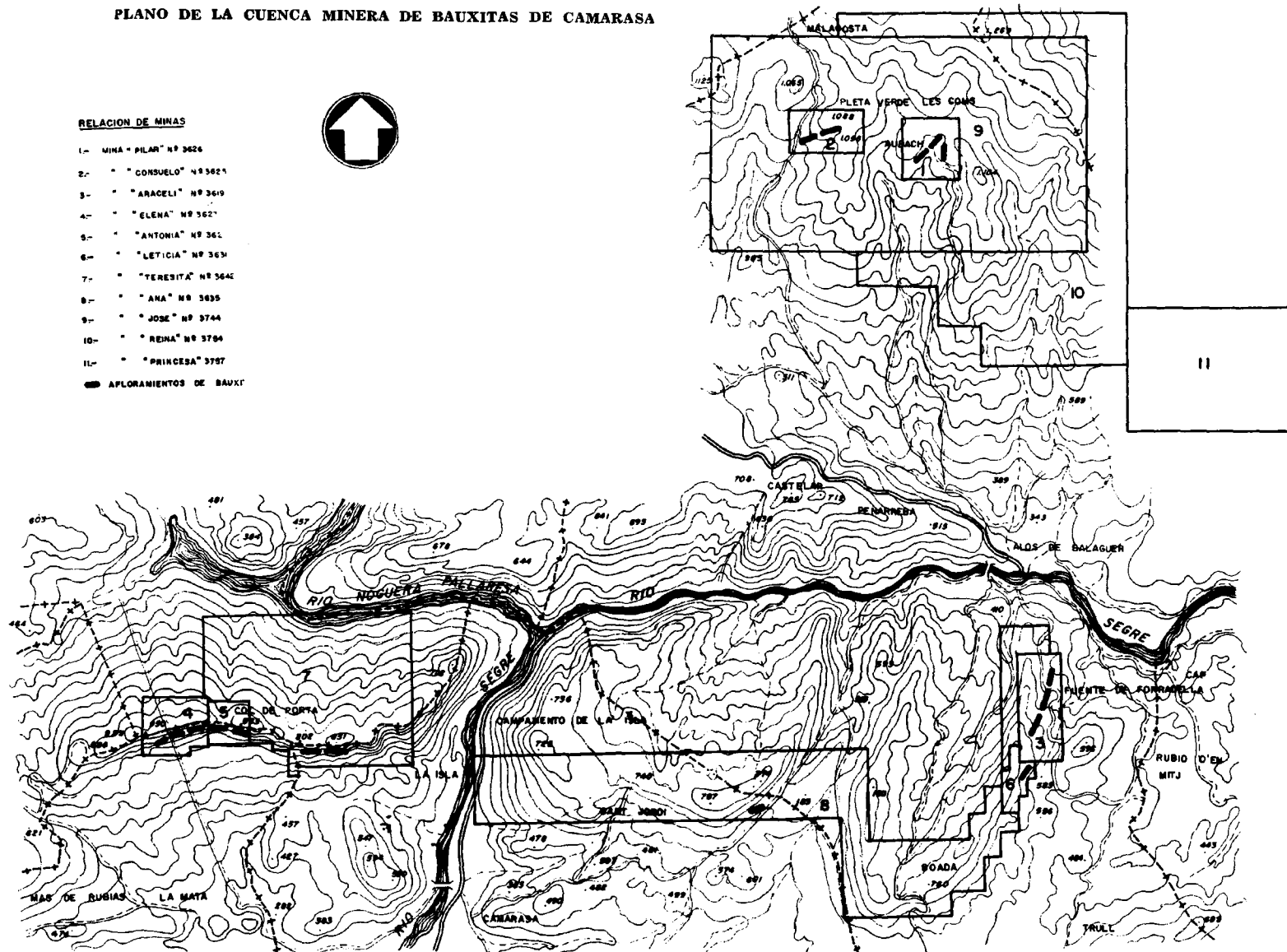
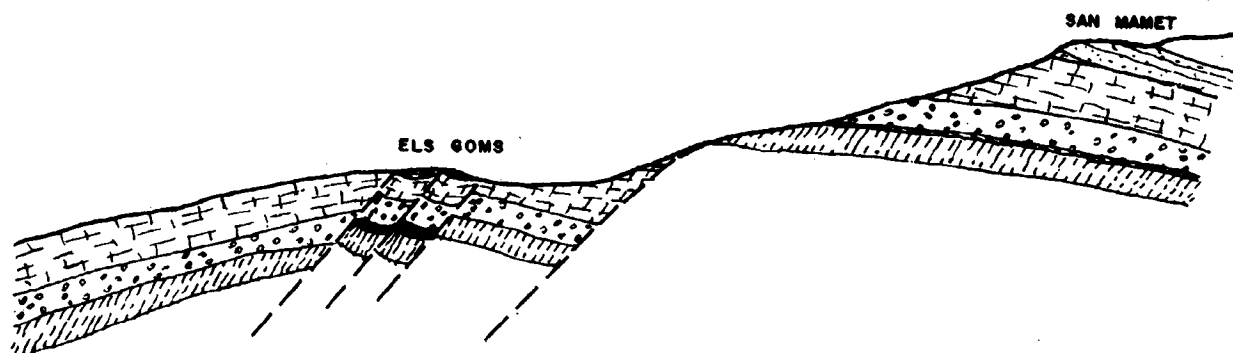


Figura 5.3-11

CORTES GEOLOGICOS DE LAS MINAS PILAR Y PRINCESA

CORTE GEOLOGICO DE MINA PILAR



CORTE GEOLOGICO DE MINA PRINCESA

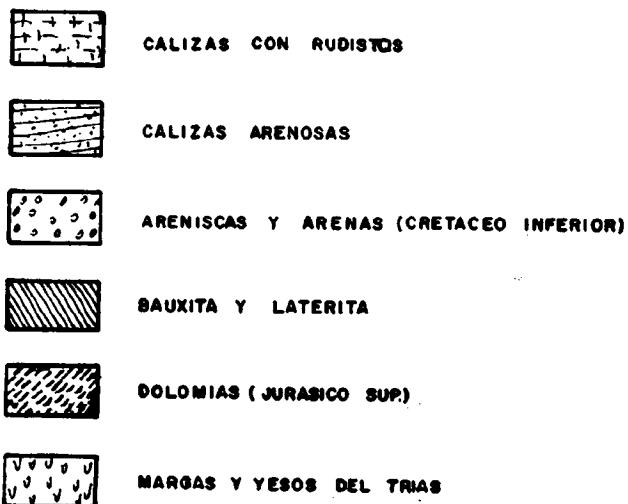
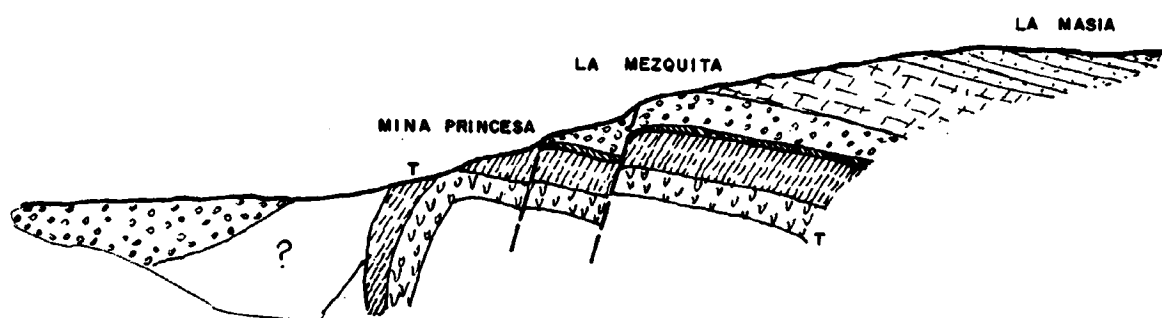


Figura 5.3-12

MINA PRINCESA. PLANO DE LABORES

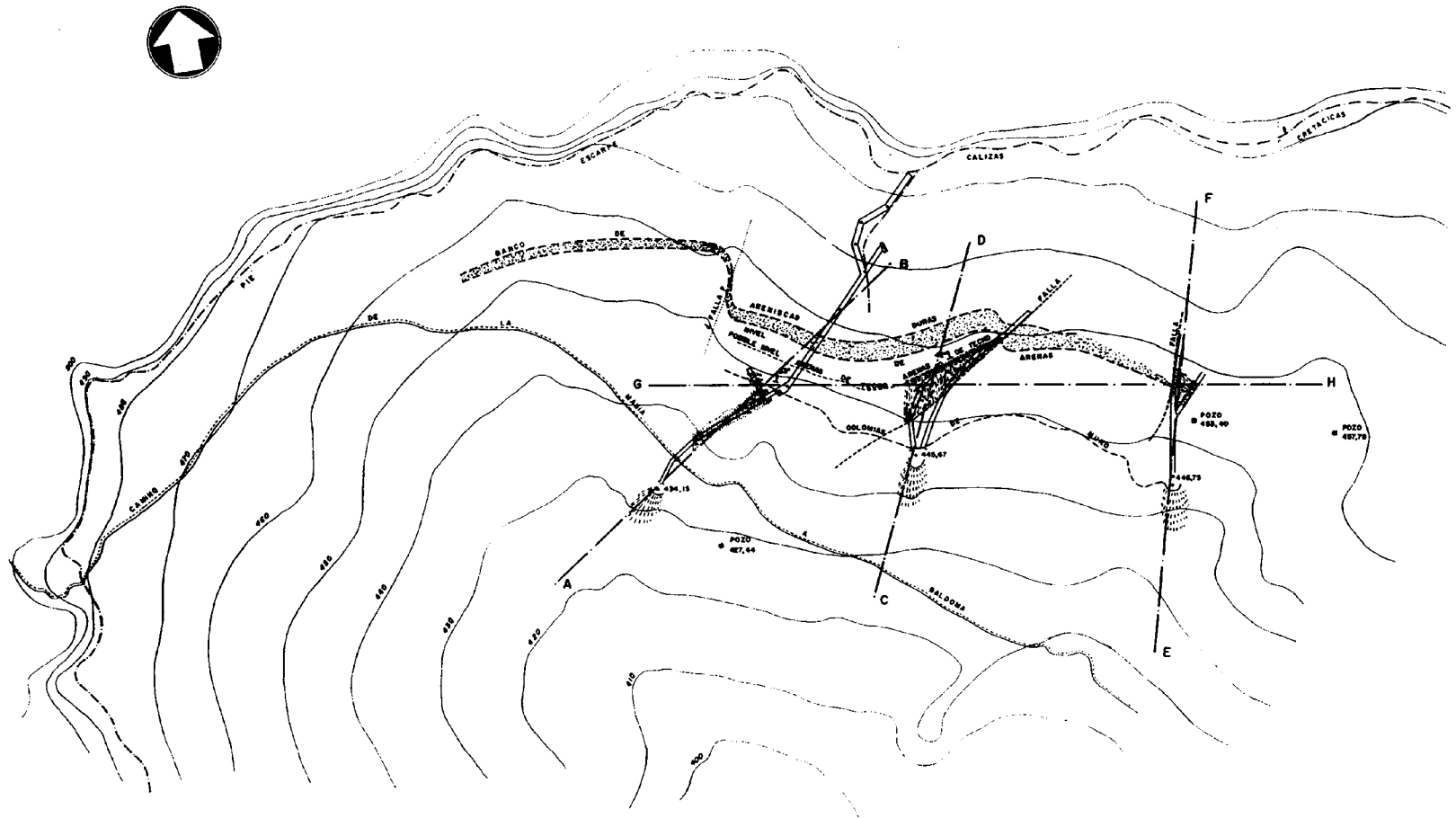
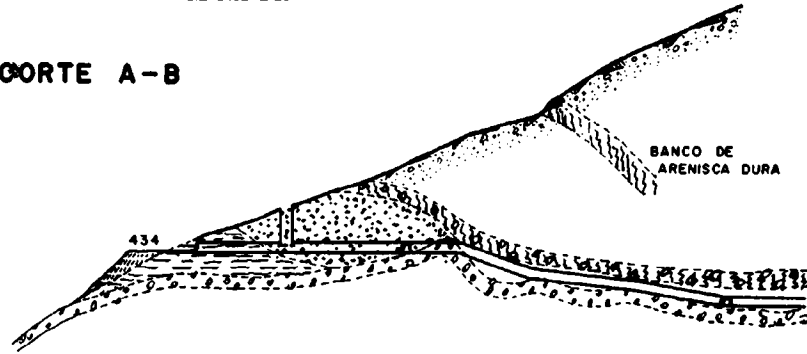


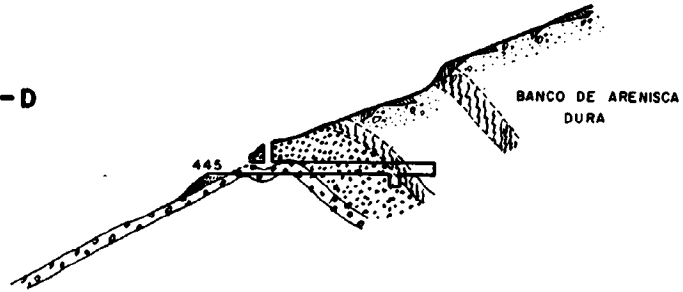
Figura 5.3-13

MINA PRINCESA. PLAN DE LABORES 1966-67

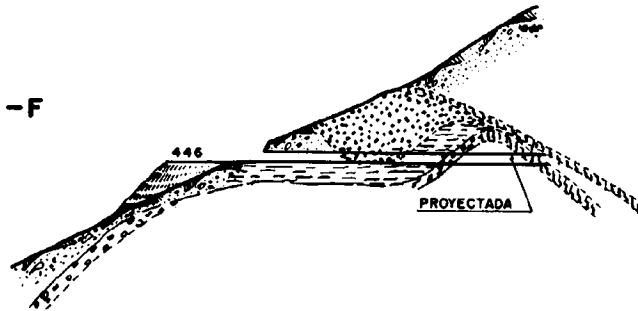
CORTE A-B



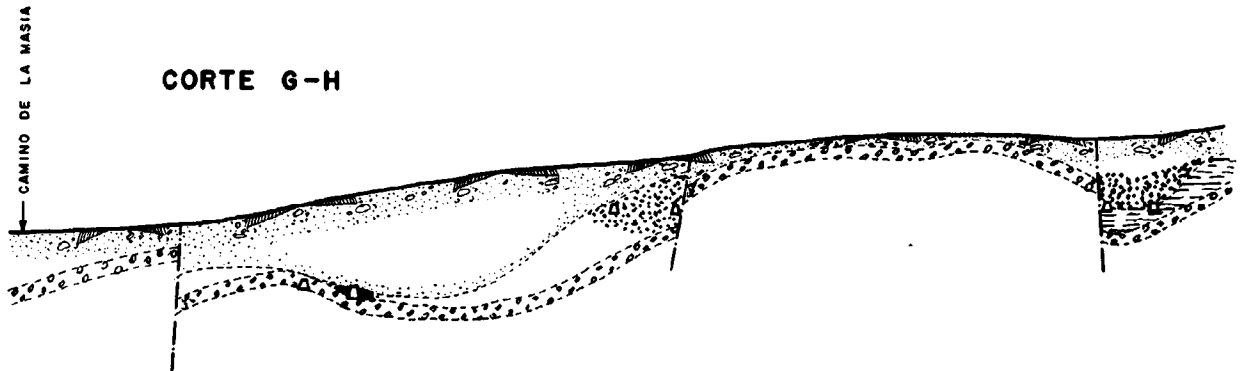
CORTE C-D



CORTE E-F



CORTE G-H



BAUXITA



MARGAS Y ARCILLAS



ARENA



DOLOMIAS

Figura 5.3-14

TERMINO MUNICIPAL DE ALOS DE BALAGUER
MINA PILAR. PROYECCION SOBRE EL PLANO VERTICAL A-B

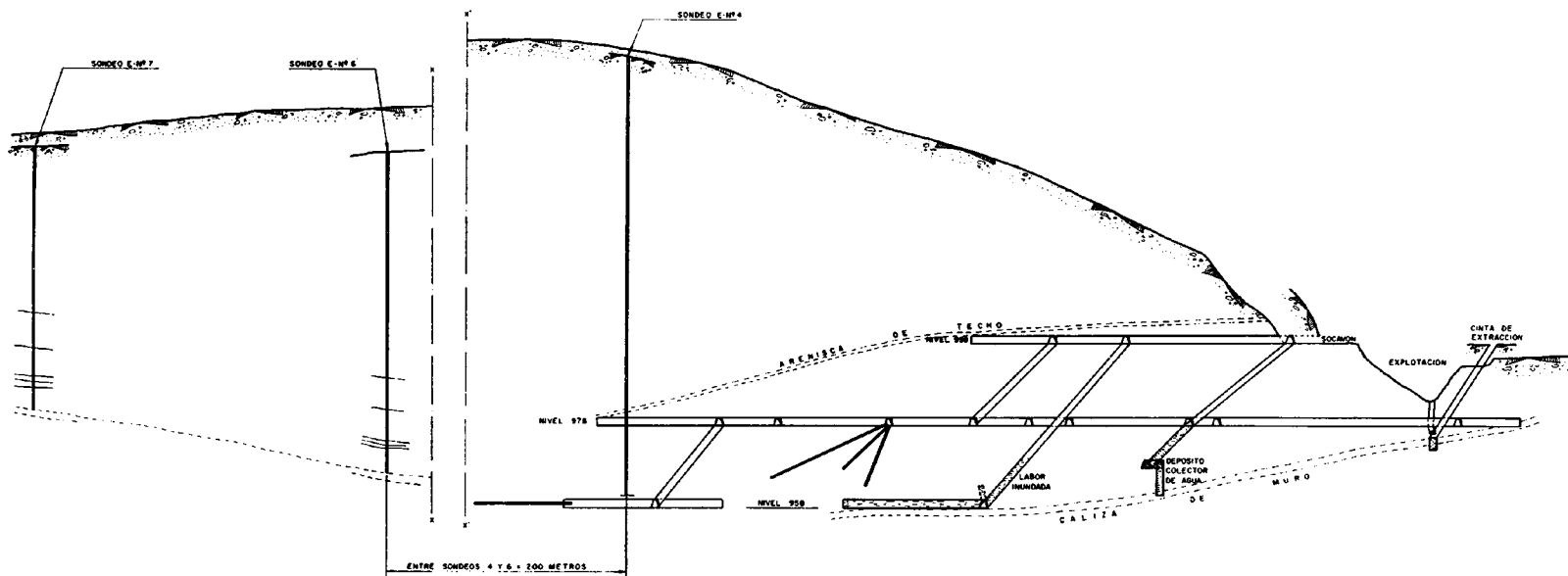
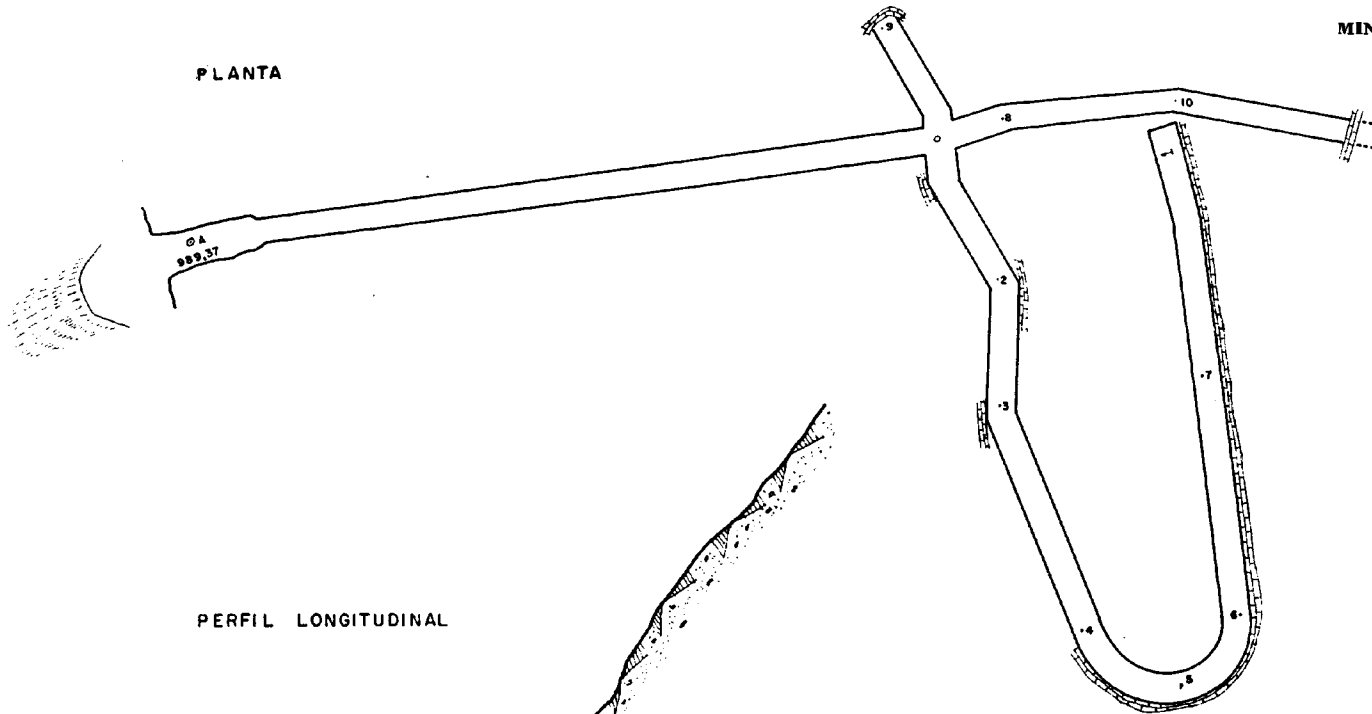


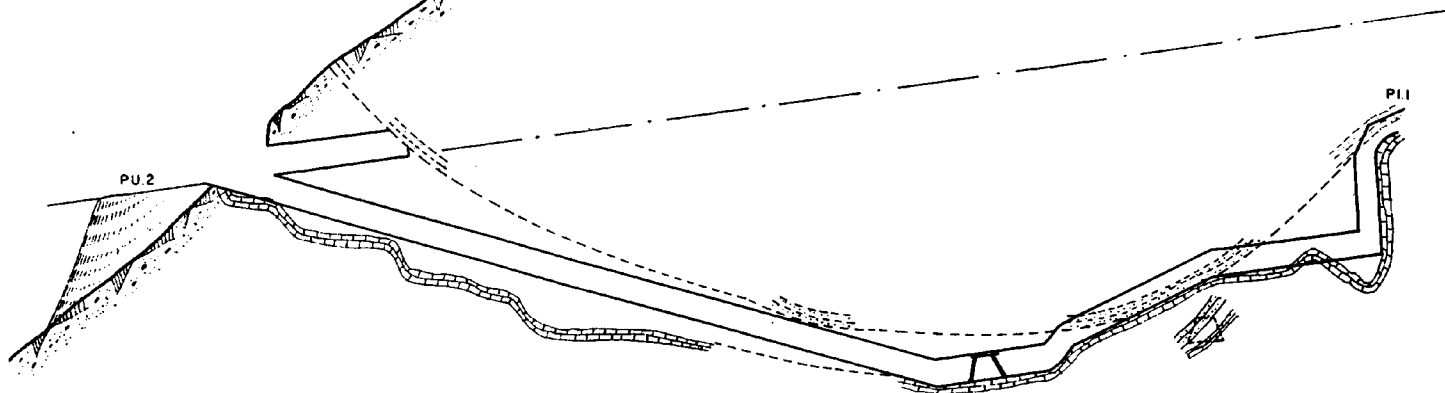
Figura 5.3-15

MINA PILAR. PLAN DE LABORES

PLANTA



PERFIL LONGITUDINAL



CUBICACION

PERFIL LONGITUDINAL PU.1-PU.2

POTENCIA MEDIA 2,91 Mts.

SUPERFICIE MINERALIZA $2,91 \times 60 = 174,60 \text{ m}^2$

VOLUMEN $174,60 \times 40 = 6.984 \text{ m}^3$

TONELADAS METRICAS TOTALES $6.984 \times 2,5 = 17.460$

Figura 5.3-16

PLANO PARCIAL DE LA MINA PILAR DE ALOS DE BALAGUER

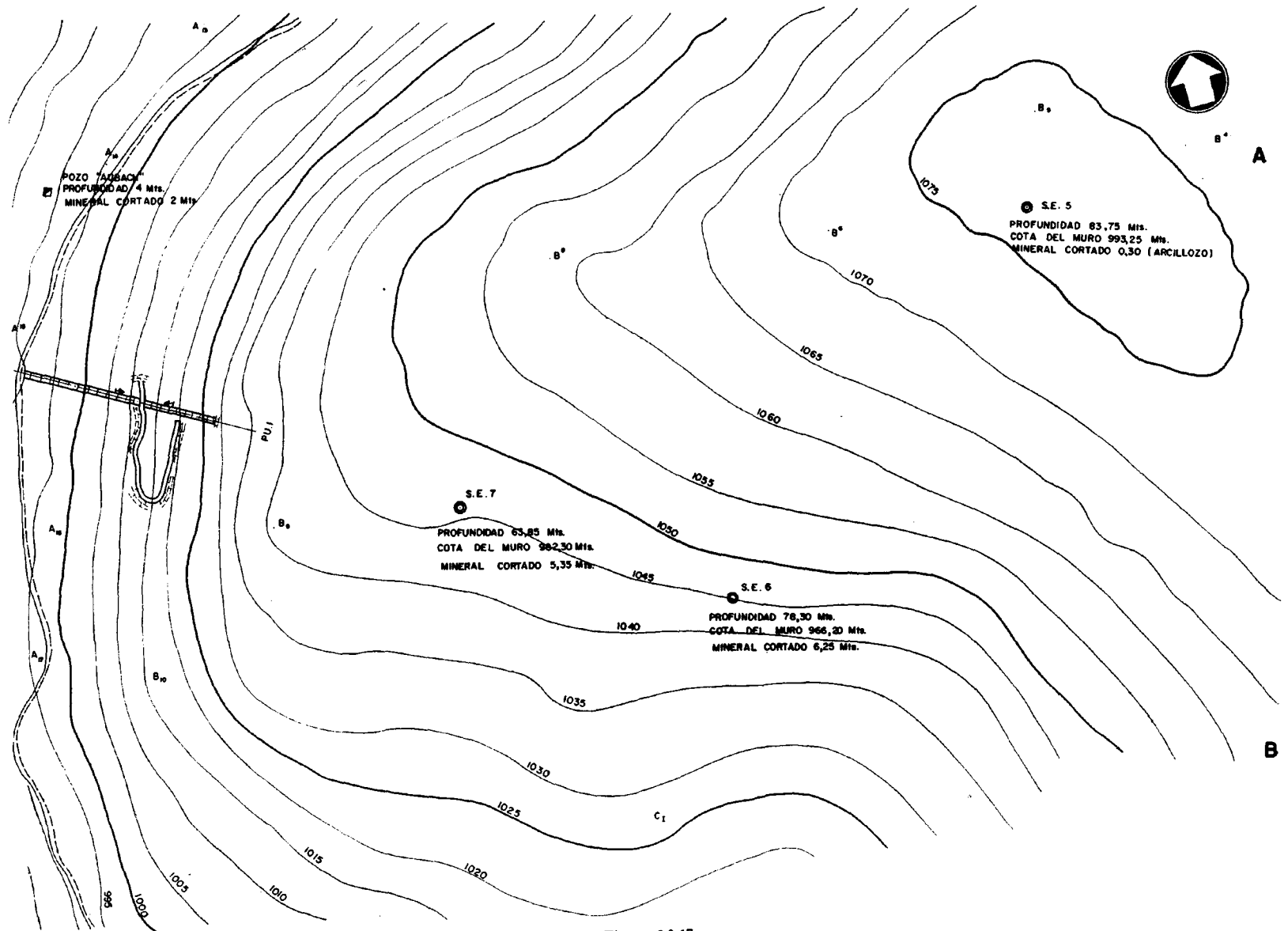


Figura 5.3-17

PLANO PARCIAL DE LA MINA PILAR DE ALOS DE BALAGUER

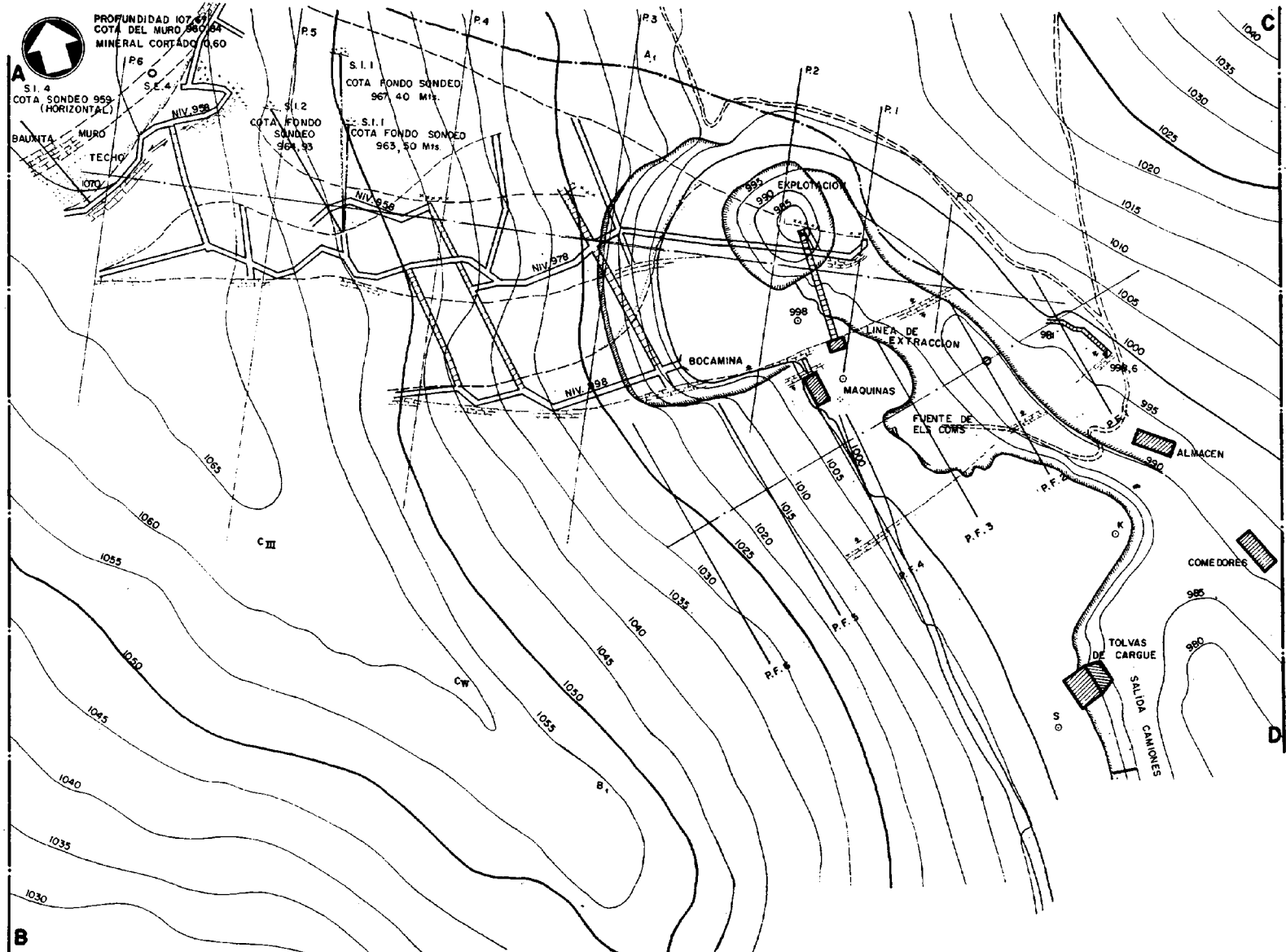


Figura 5.3-18

PLANO PARCIAL DE LA MINA PILAR DE ALOS DE BALAGUER

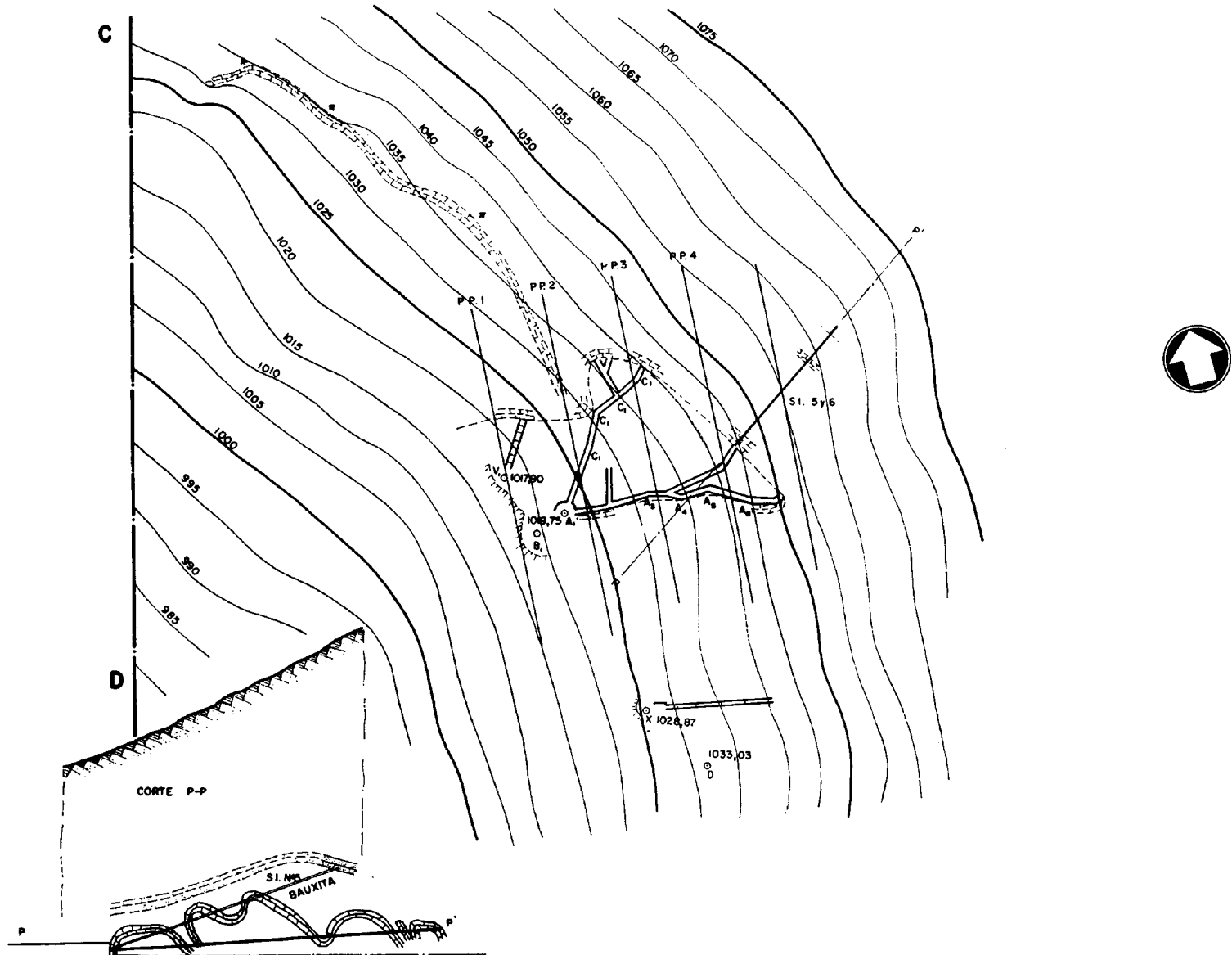
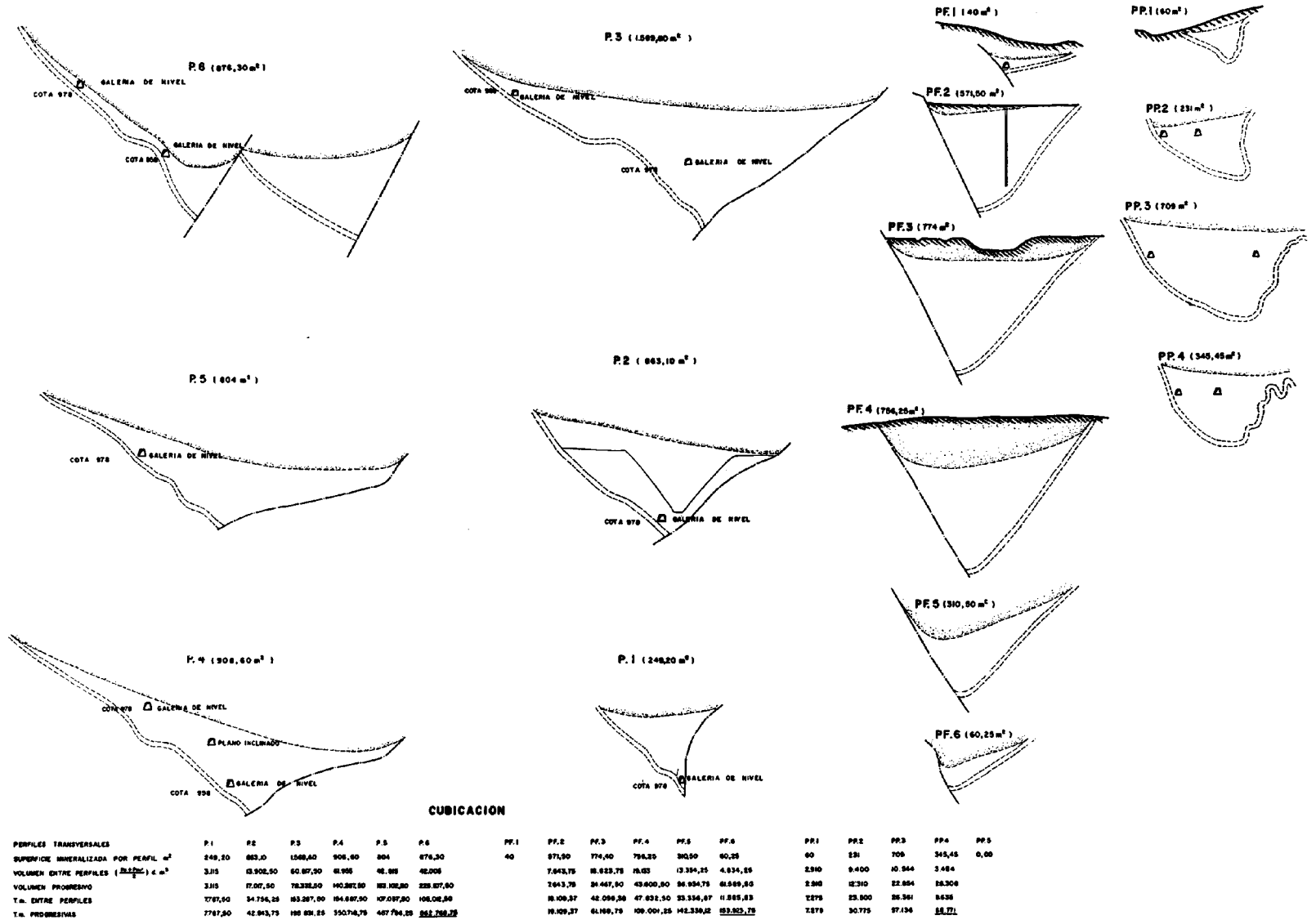


Figura 5.3-19

CUBICACIONES MINA PILAR

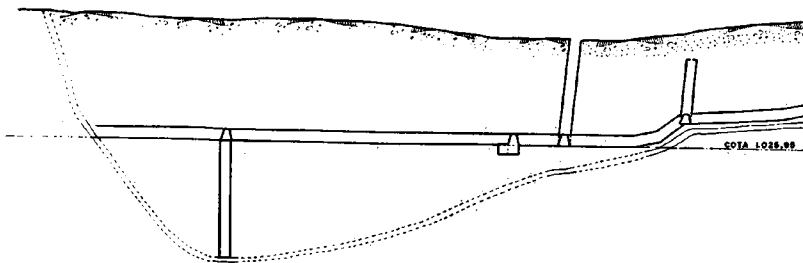


LEY MEDIA : 49,80 % Al_2O_3 ; 11,35 % SiO_2 ; 22,51 % Fe_2O_3 ; 2,04 % TiO_2 ; 13,25 % P.C.

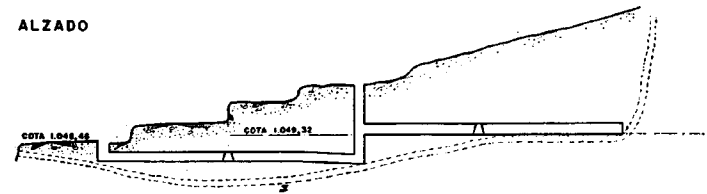
Figura 5.3-20

MINA CONSUELO, ALOS DE BALAGUER. LABOR PLETA VERDE

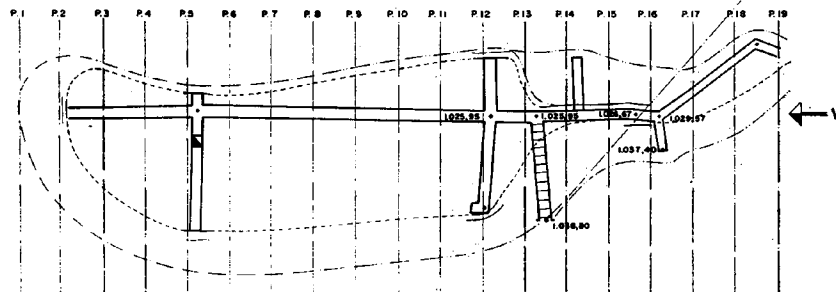
ALZADO



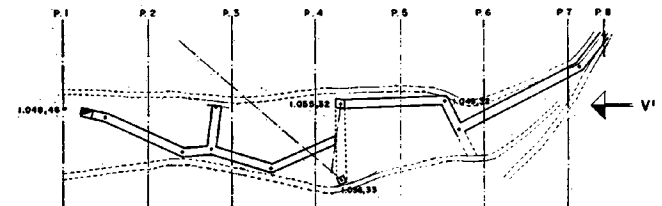
ALZADO



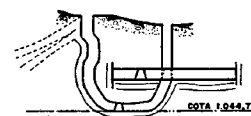
PLANTA



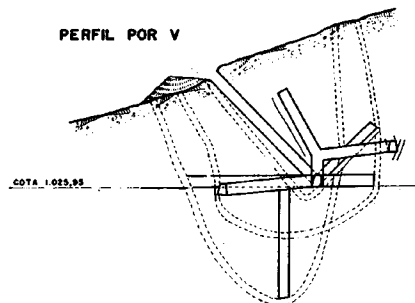
PLANTA



PERFIL POR V'



PERFIL POR V



0 10 20 30
ESCALA 1:500



CUBICACION DE LOS PERFILES TRANSVERSALES

	P.1	P.2	P.3	P.4	P.5	P.6	P.7	P.8
SUPERFICIE MINERALIZADA POR PERFIL, m ²	18,00	48,00	72,00	110,00	90,00	60,00	44,00	24,00
VOLUMEN ENTRE PERFILES $\left(\frac{P.1+P.2}{2}\right) \cdot 10 \text{ m}^3$	54,00	330,00	600,00	910,00	1.000,00	750,00	520,00	340,00
VOLUMEN PROGRESIVO	54,00	384,00	984,00	1.894,00	2.894,00	3.644,00	4.164,00	4.504,00
TONELADAS ENTRE PERFILES (m ² ·S)	135,00	825,00	1.500,00	2.275,00	2.500,00	1.875,00	1.300,00	850,00
TONELADAS PROGRESIVAS	135,00	960,00	2.460,00	4.735,00	7.235,00	9.110,00	10.410,00	11.260,00

CUBICACION DE LOS PERFILES TRANSVERSALES

	P.1	P.2	P.3	P.4	P.5	P.6	P.7	P.8	P.9	P.10	P.11	P.12	P.13	P.14	P.15	P.16	P.17	P.18	P.19
SUPERFICIE MINERALIZADA POR PERFIL, m ²	0	80	220,40	318,20	348	348	353,60	364	357,50	312,20	292,00	248,20	159,60	142,50	98,00	72,00	71,50	54,00	49,00
VOLUMEN ENTRE PERFILES $\left(\frac{P.1+P.2}{2}\right) \cdot 5 \text{ m}^3$	0	200	753,50	1.351,50	1.668	1.740	1.754	1.794	1.803,50	1.696,50	1.533,00	1.350,50	1.044,50	780,00	601,00	425,00	350,50	418,50	360,00
VOLUMEN PROGRESIVO	0	200	953,50	2.305	3.973	5.713	7.467	9.261	11.064,50	12.761	14.294,00	15.644,50	16.689,00	17.469,00	18.070,00	18.495,00	18.845,50	19.272,00	19.632,00
TONELADAS ENTRE PERFILES (m ² ·S)	0	500	1.865,75	3.378,75	4.170	4.350	4.385	4.485	4.508,75	4.241,25	3.832,50	3.378,25	2.811,25	1.950,00	1.502,25	1.062,50	888,25	1.048,25	900,00
TONELADAS PROGRESIVAS	0	500	2.385,75	5.762,50	9.932,50	14.282,50	18.667,50	23.152,50	27.661,25	31.802,50	35.735,00	39.111,25	41.722,50	43.672,50	45.175,00	46.237,50	47.132,75	48.180,00	49.080,00

ANALISIS MEDIO : 40,70% Al₂O₃, 24,27% SiO₂, 18,96% Fe₂O₃, 1,88% T. O₂, 13,10% P.C. — DENSIDAD = 2.500 Kg./m³

Figura 5.3-21

MINA CONSUELO, ALOS DE BALAGUER. LABOR 905 (MALAGOSTA)

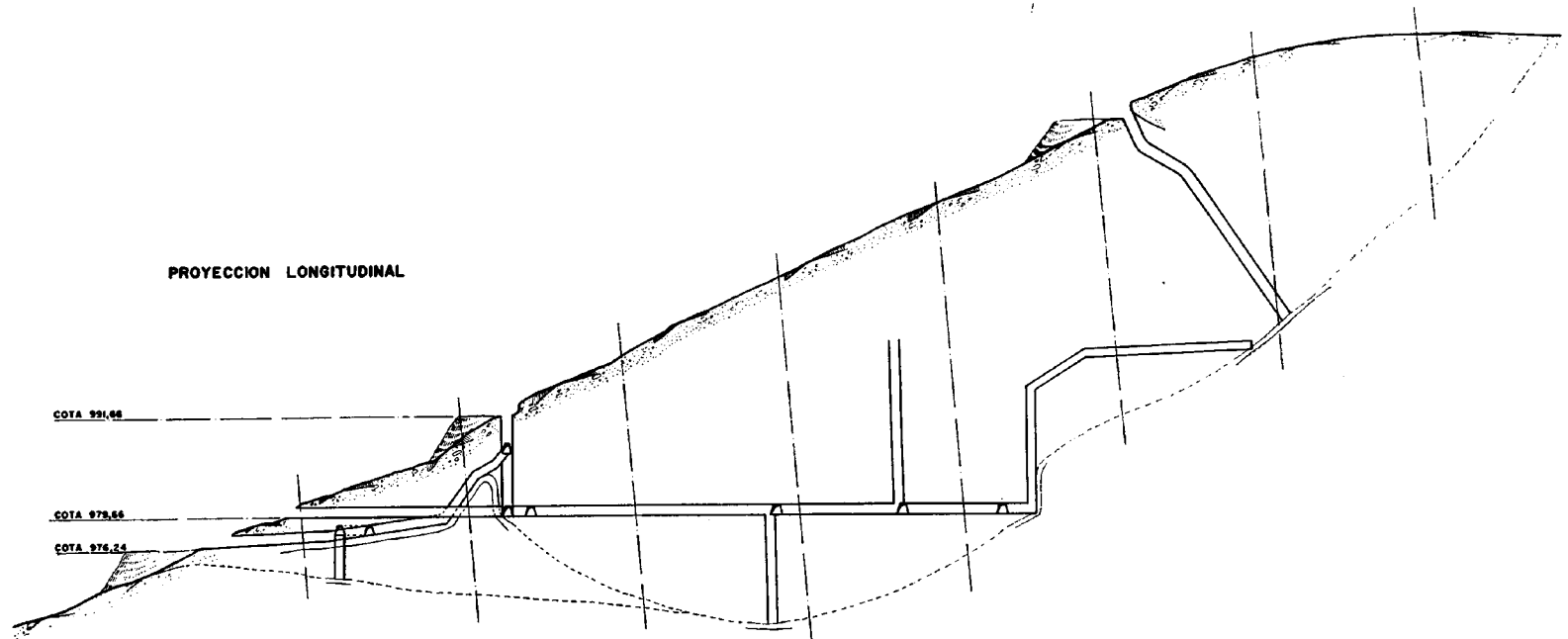
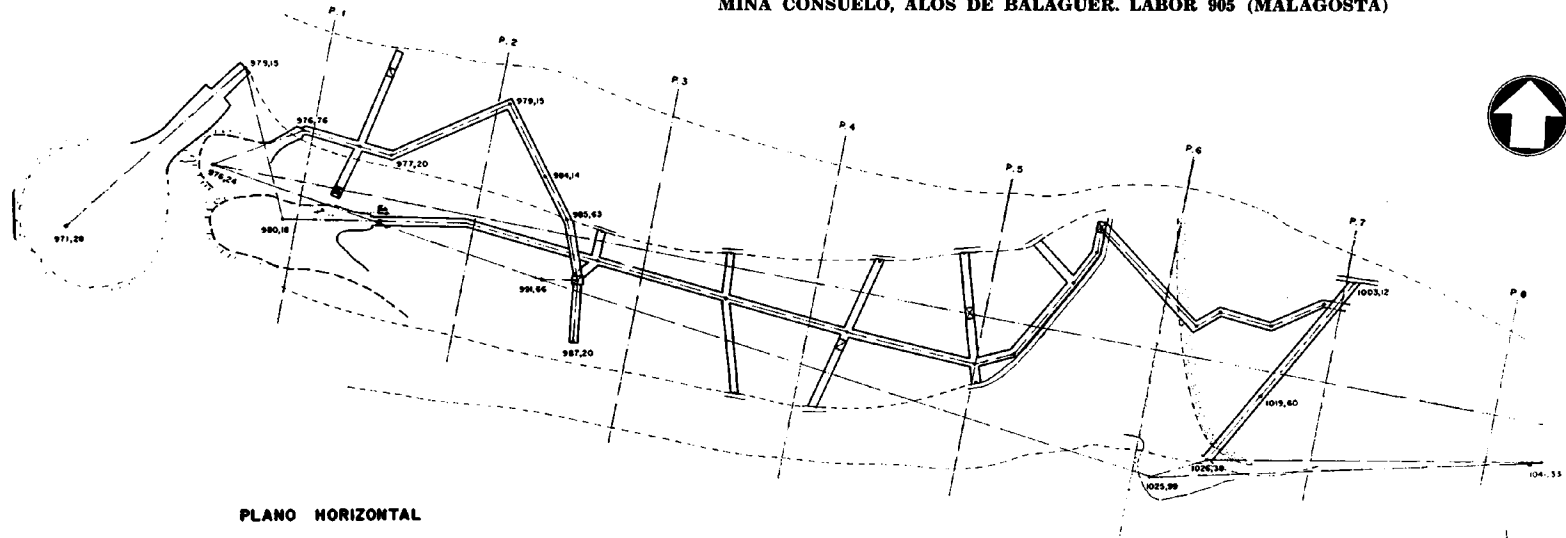


Figura 5.3-22

MINA CONSUELO. PERFILES

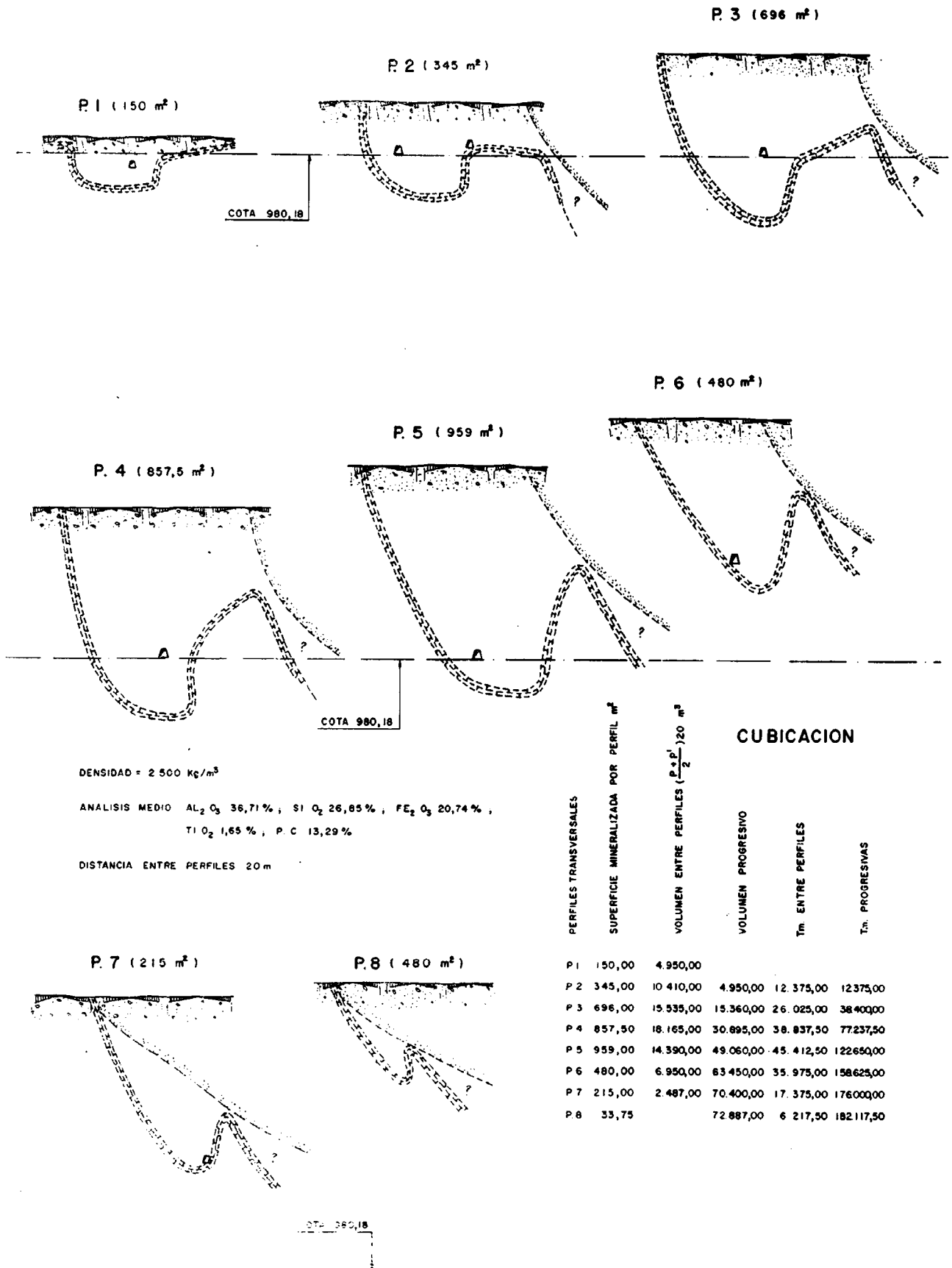


Figura 5.3-23

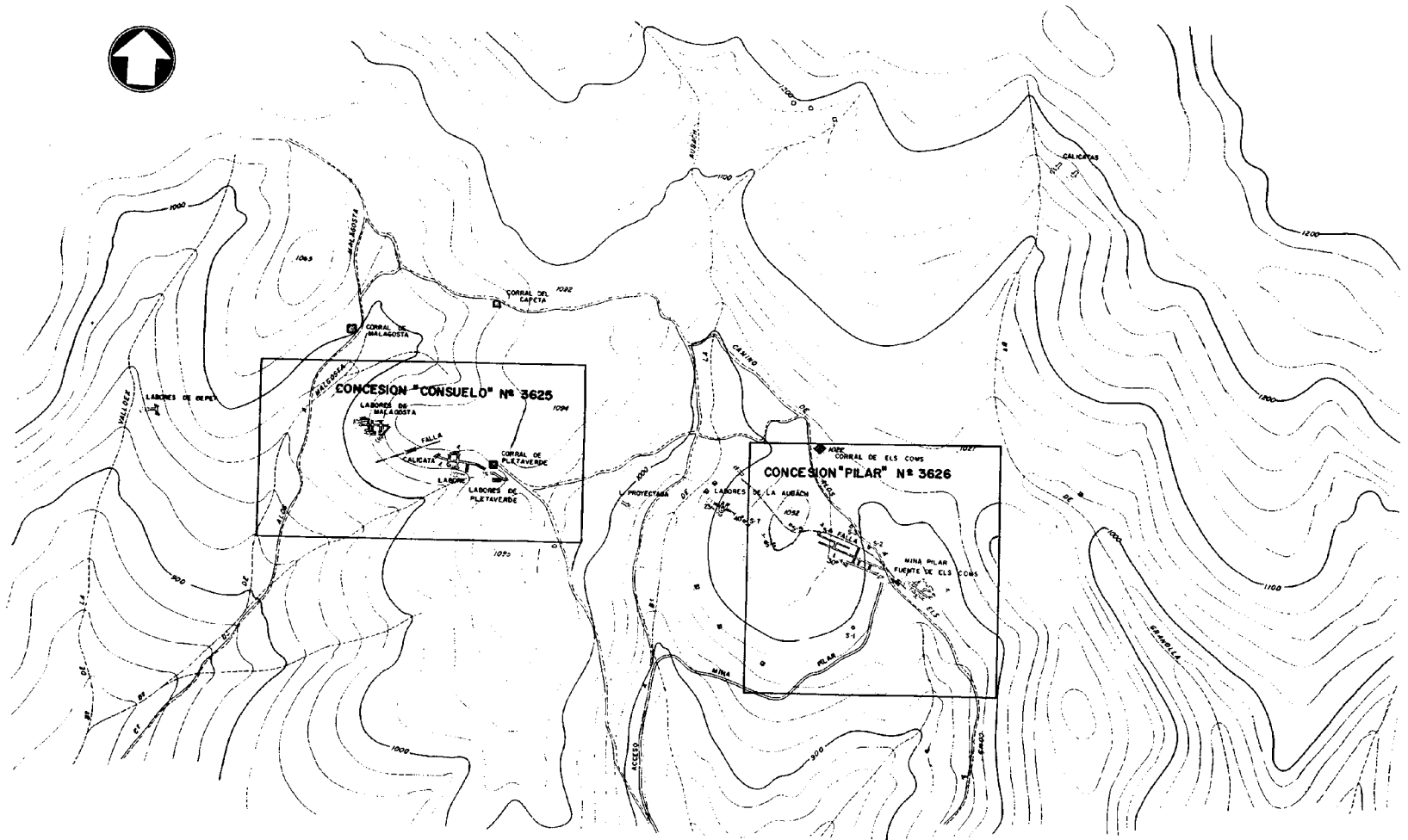


Figura 5.3-24

PLANO DE LA CUENCA MINERA DE BAUXITAS
DE MIRALLES-AIGUAMURCIA

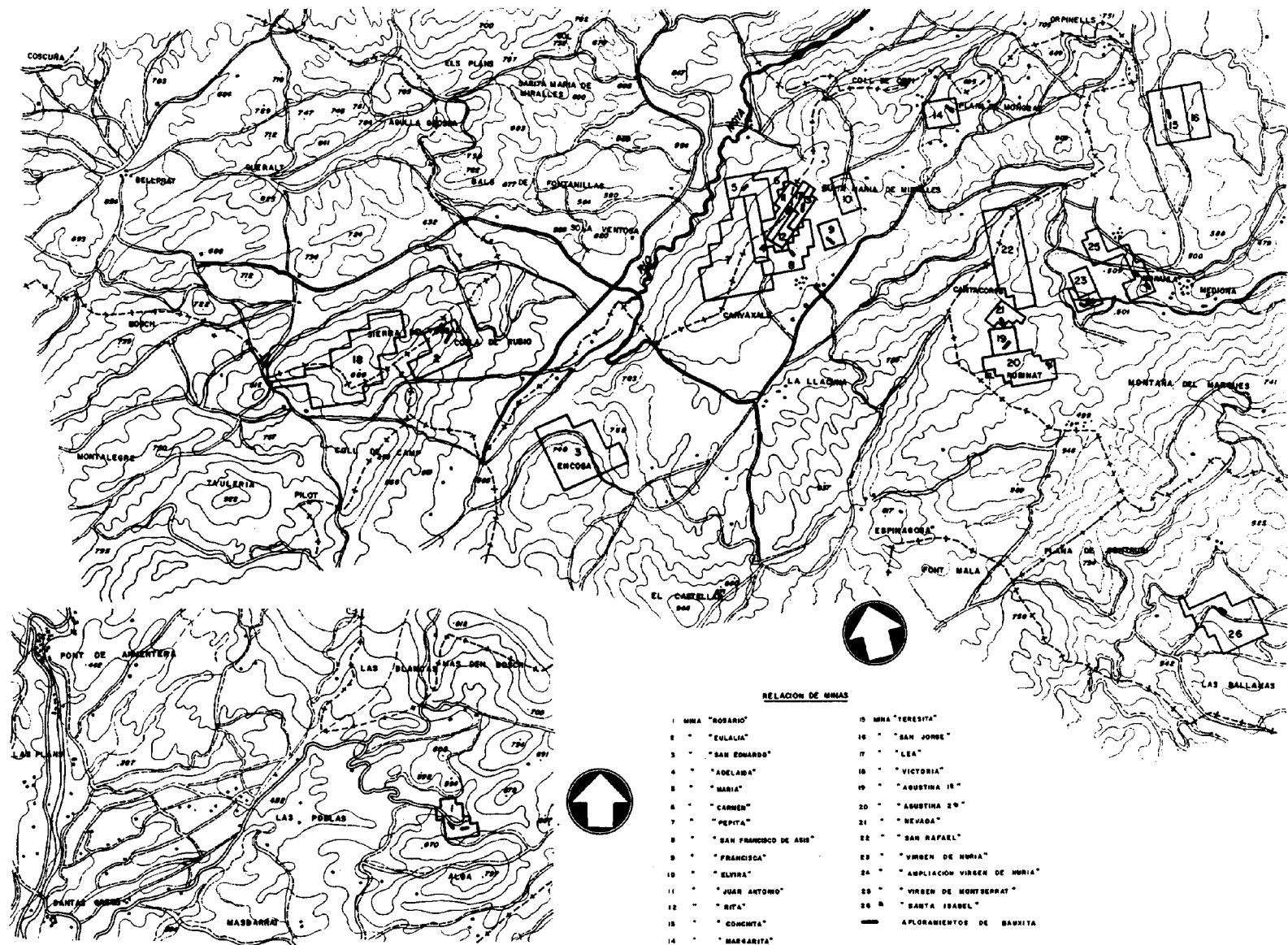


Figura 5.3-25