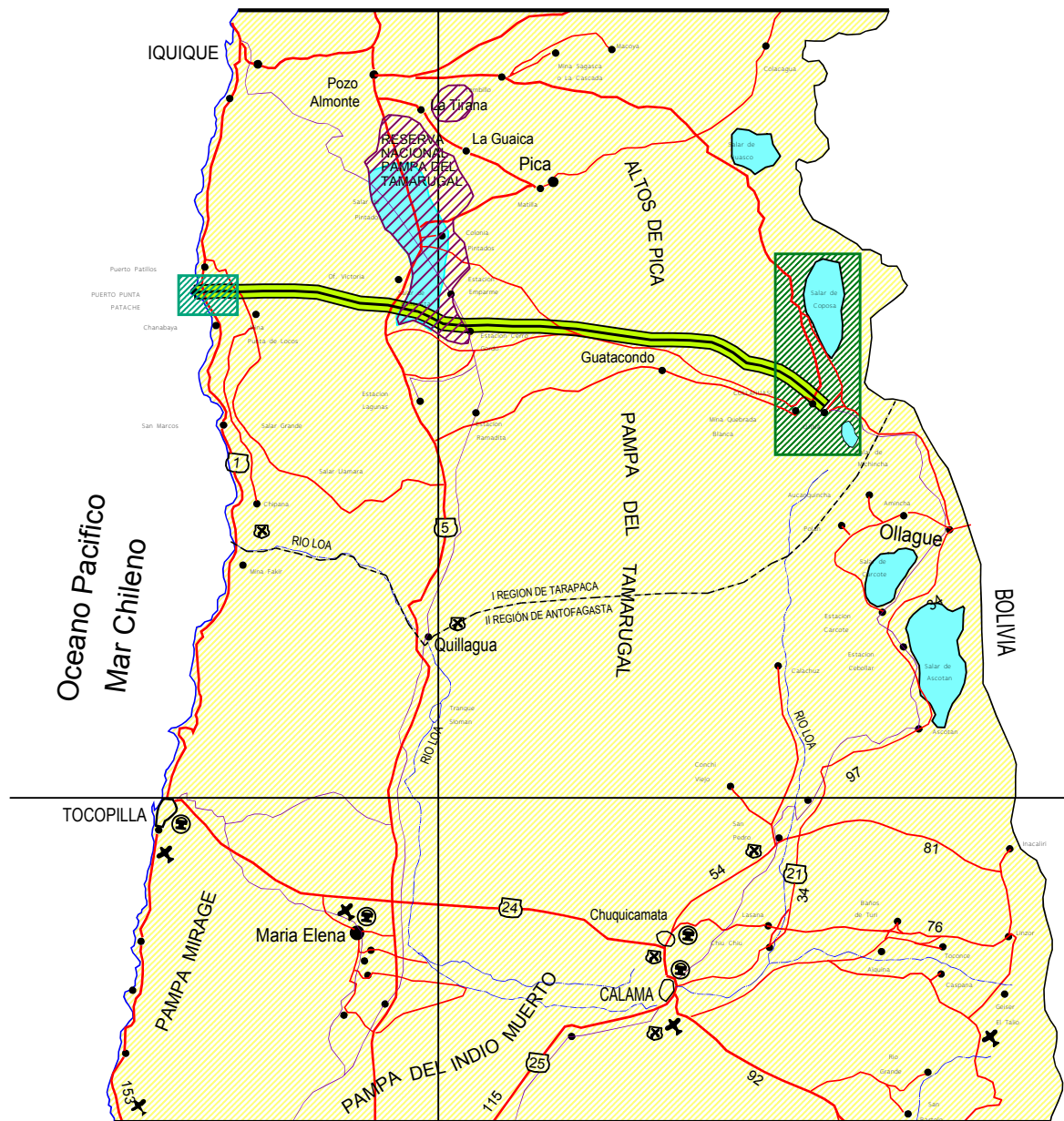
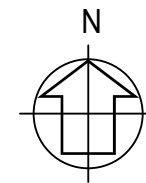
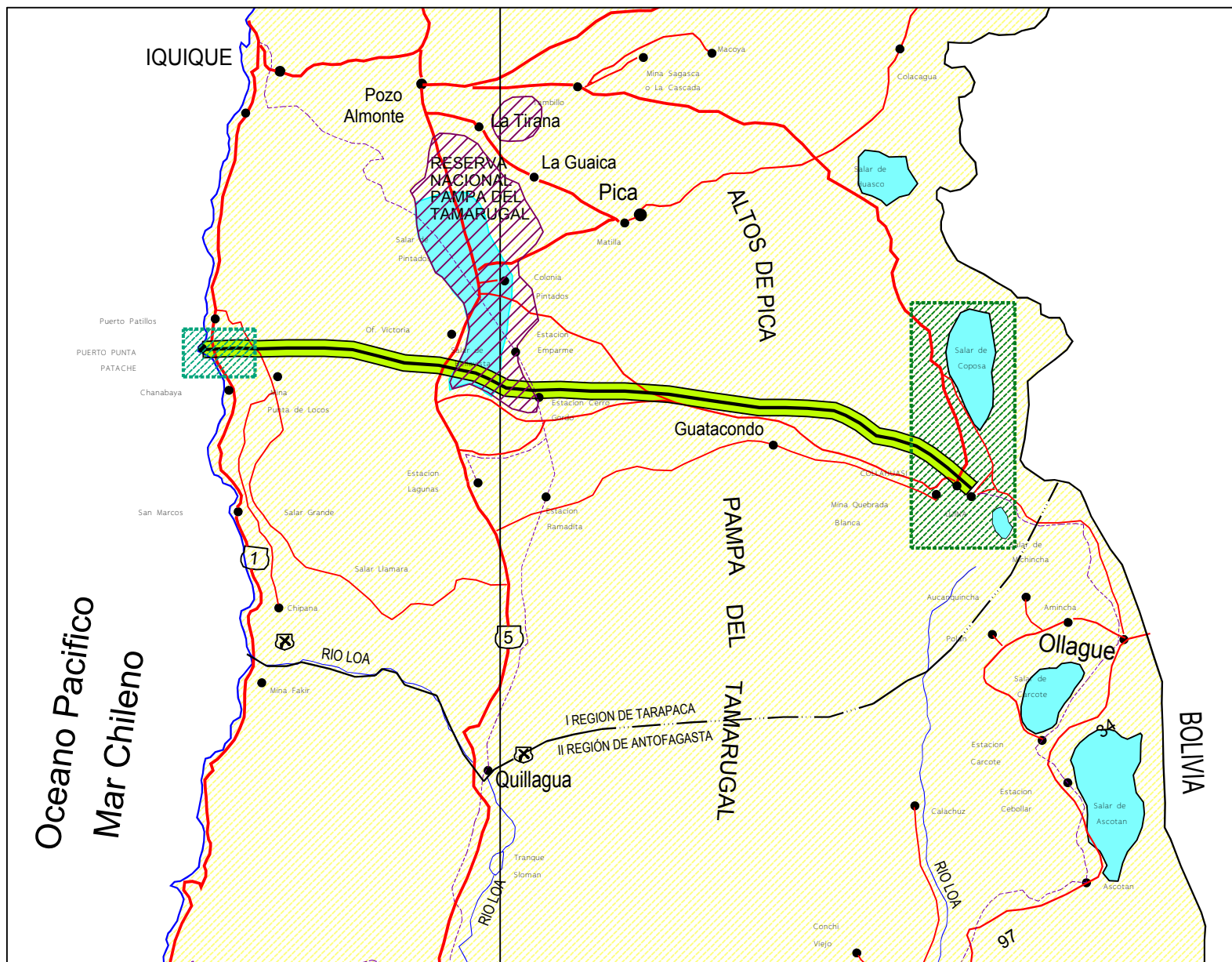




SIMBOLOGIA

-  Area Mina Planta
-  Area Instalaciones Portuarias Punta Patache
-  Mineroducto

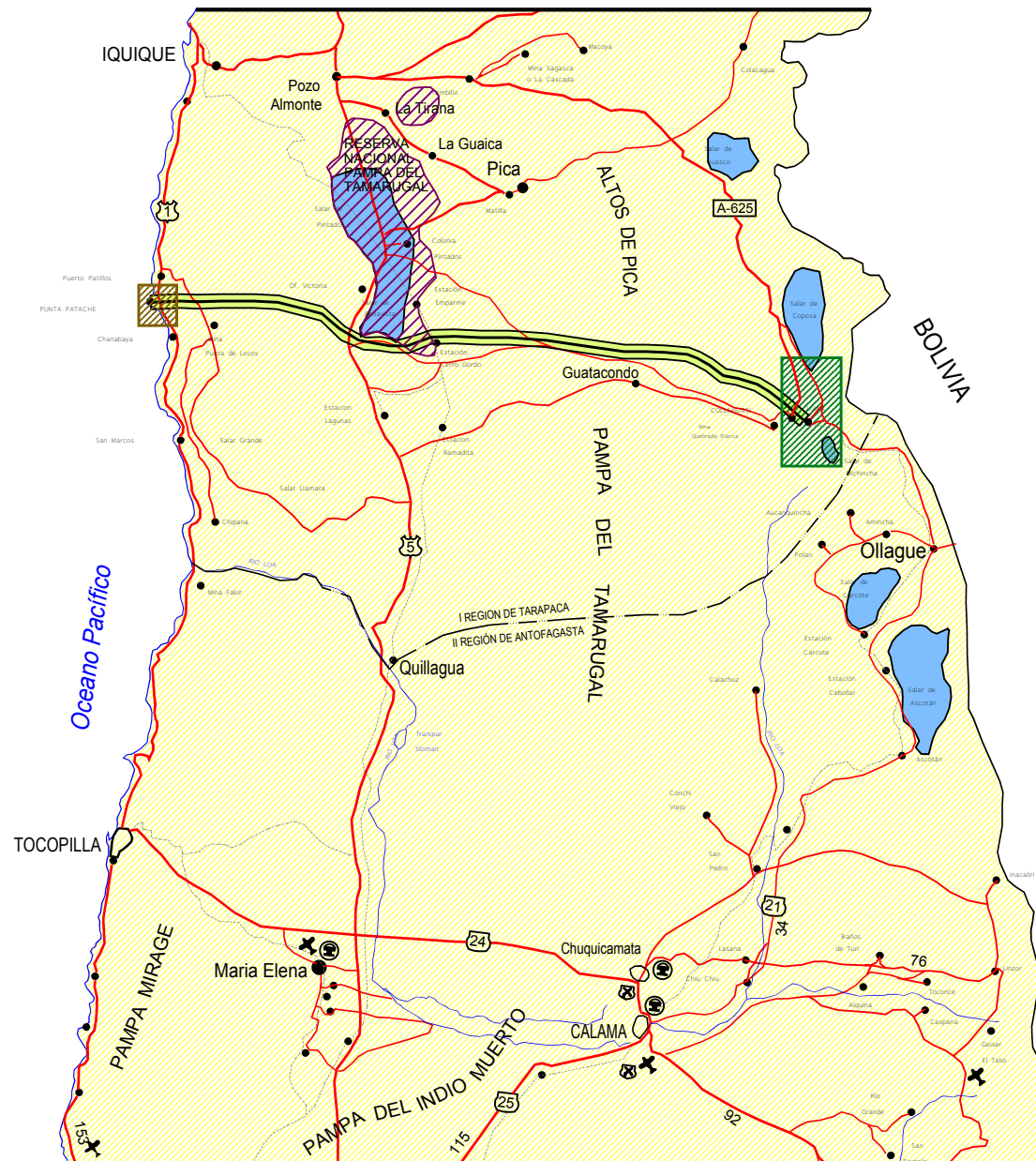


SIMBOLOGIA

-  Area Mina Planta
-  Area Instalaciones Portuarias Punta Patache
-  Mineroducto

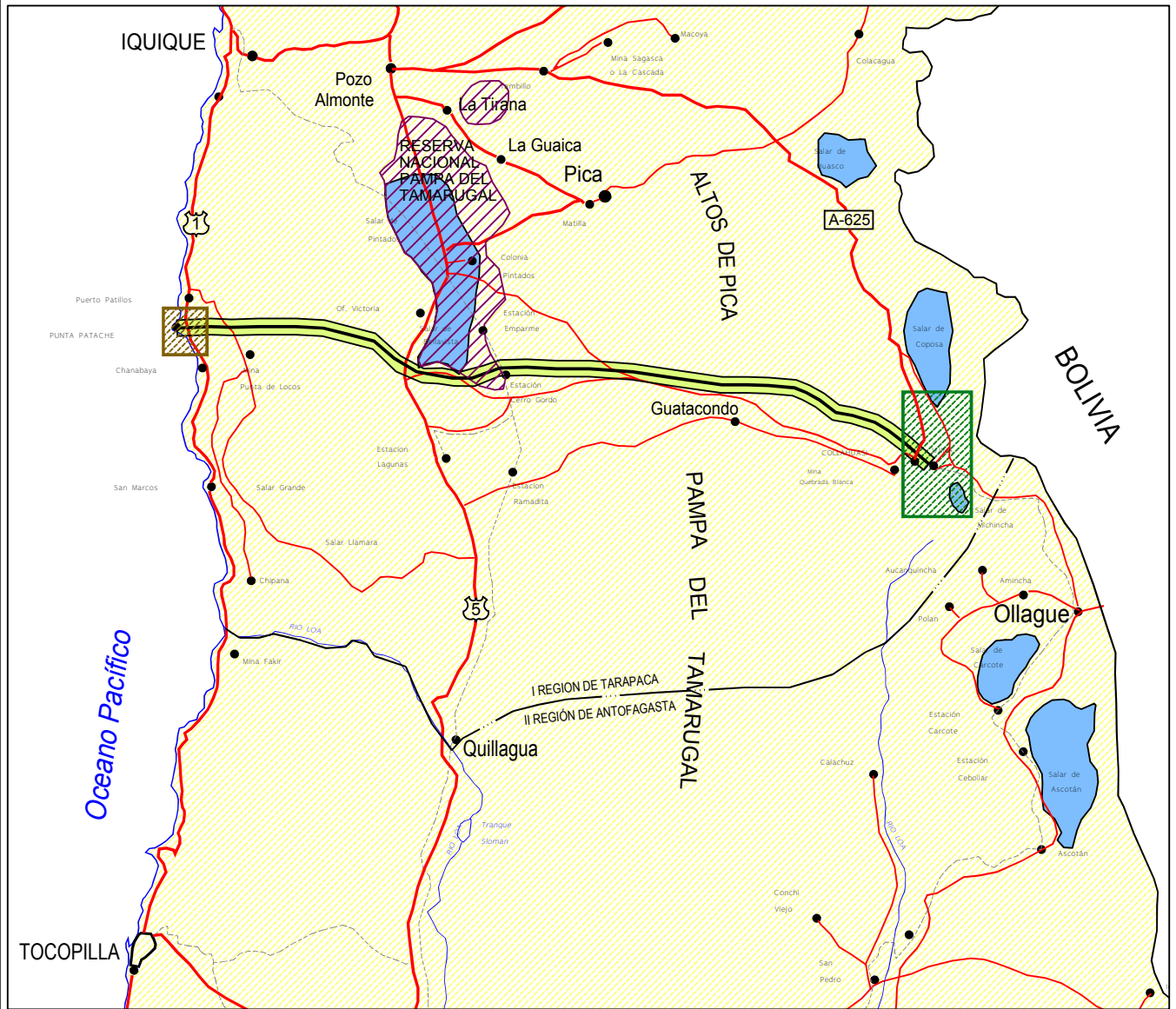
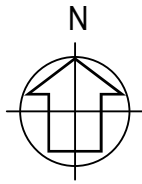
UBICACIÓN DEL AREA DE ESTUDIO





SIMBOLOGIA

-  Área Mina Planta
-  Área Instalaciones Portuarias Punta Patache
-  Mineroducto



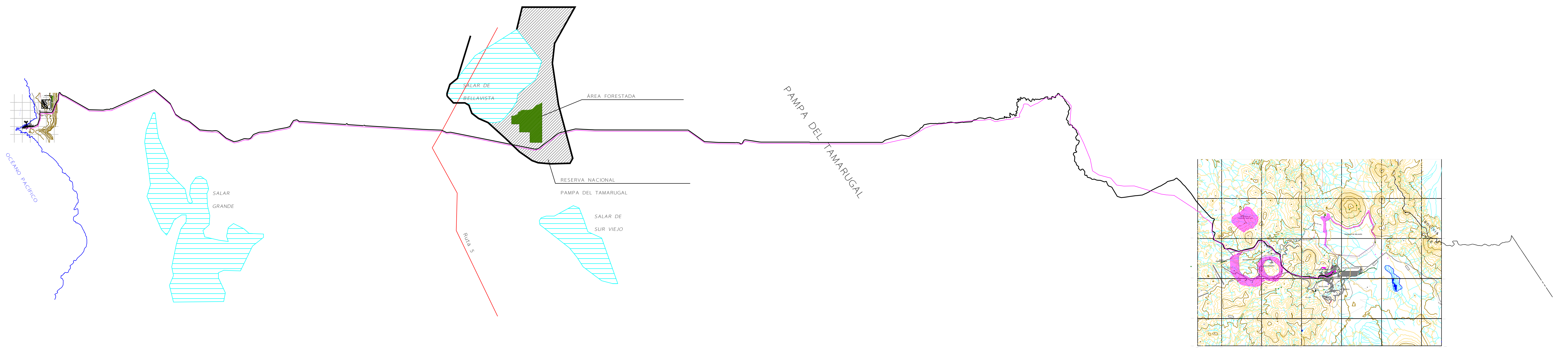
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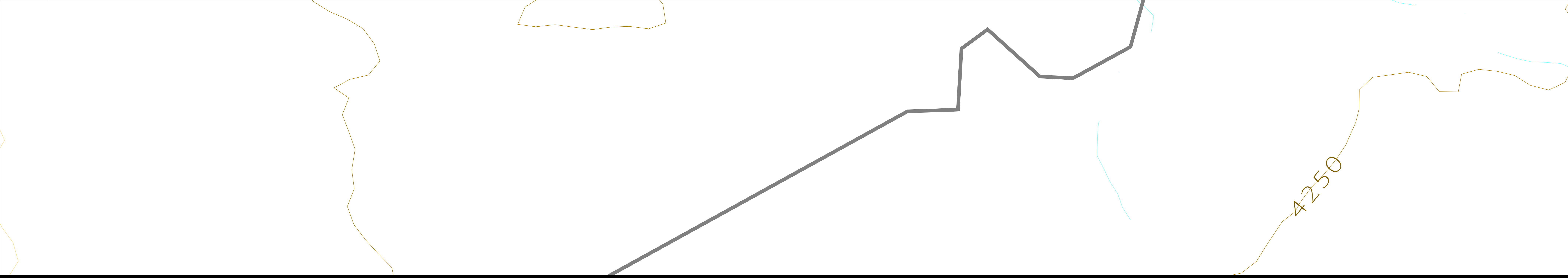
ESCALA 1:1.500.000

SIMBOLOGIA

-  Área Mina Planta
-  Área Instalaciones Portuarias Punta Patache
-  Mineroducto

LOCALIZACIÓN GENERAL DEL PROYECTO
FIGURA 2.1

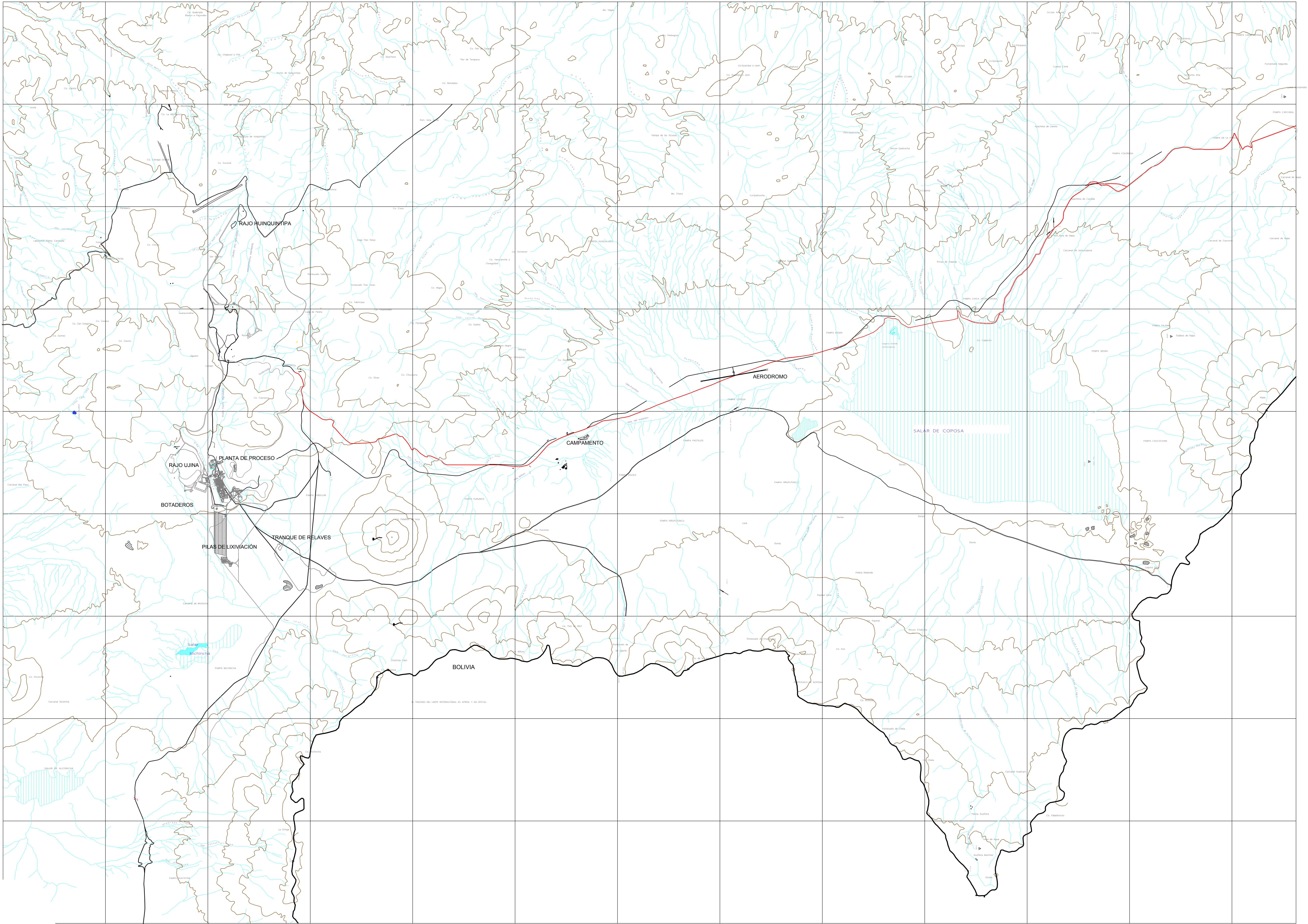


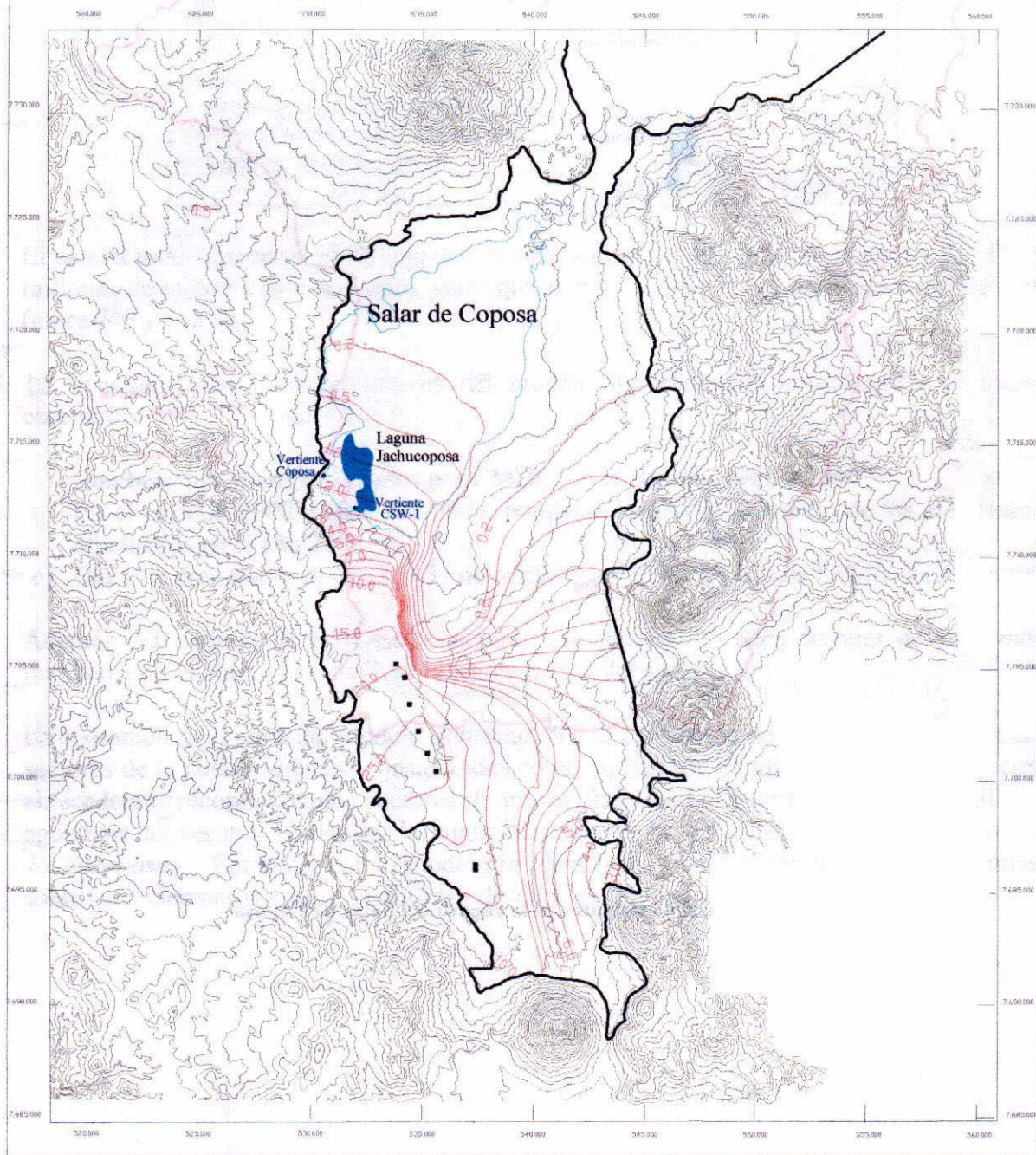


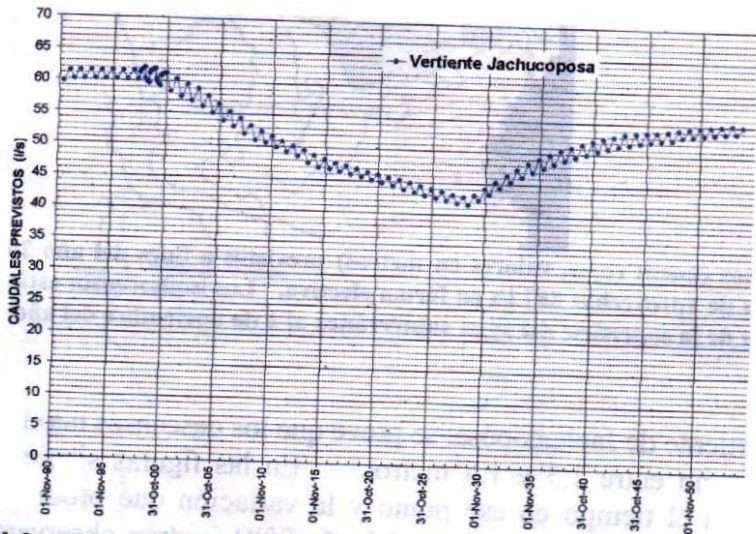
OBRAS E INSTALACIONES PROYECTO EXPAN

FIGURA 2

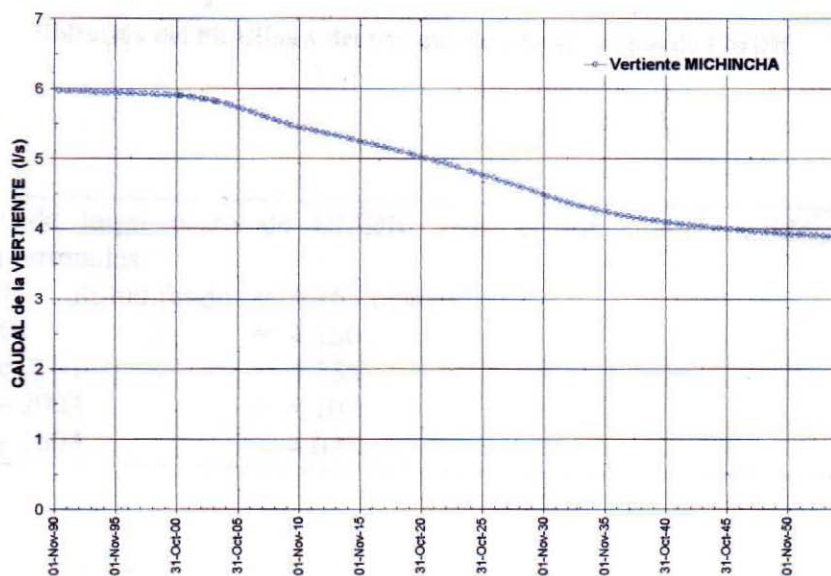
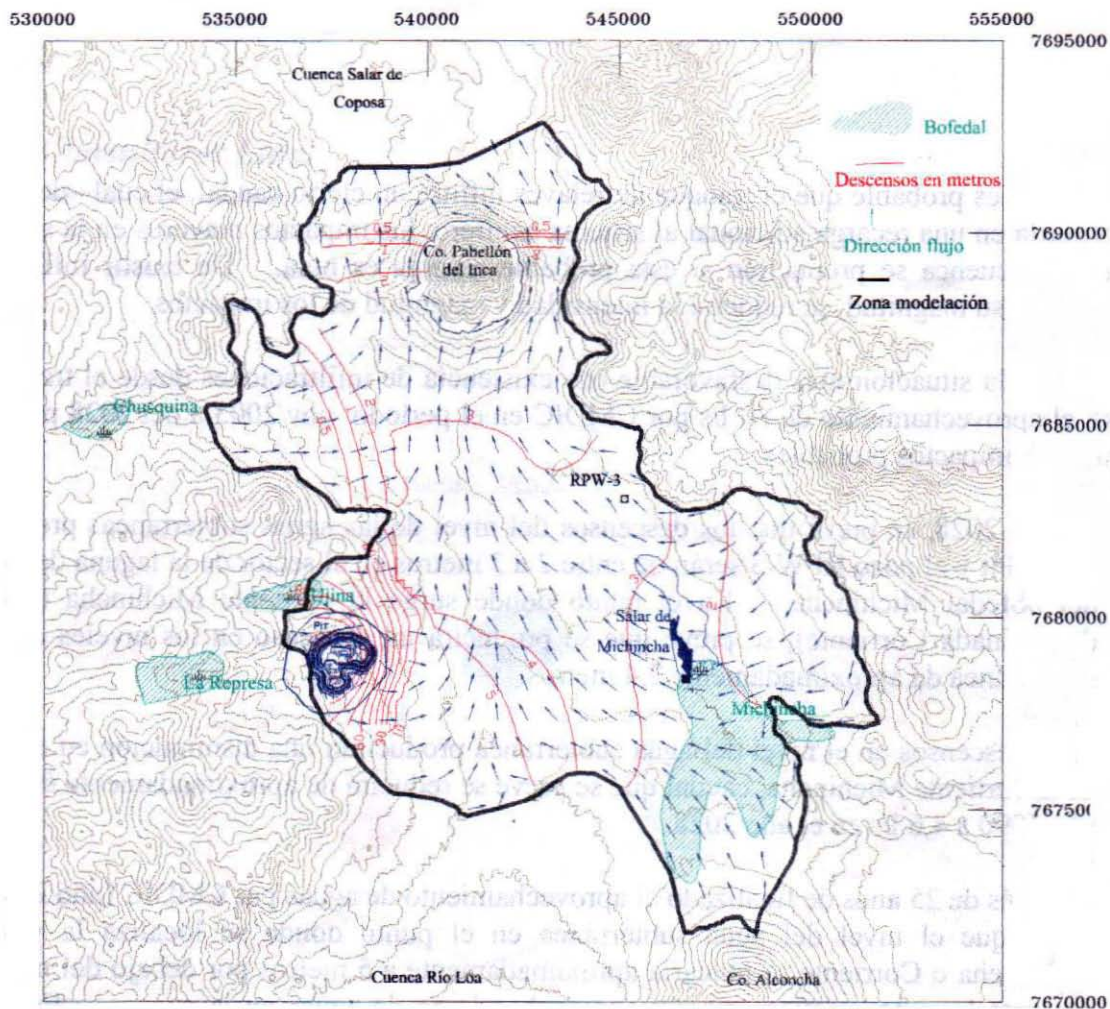




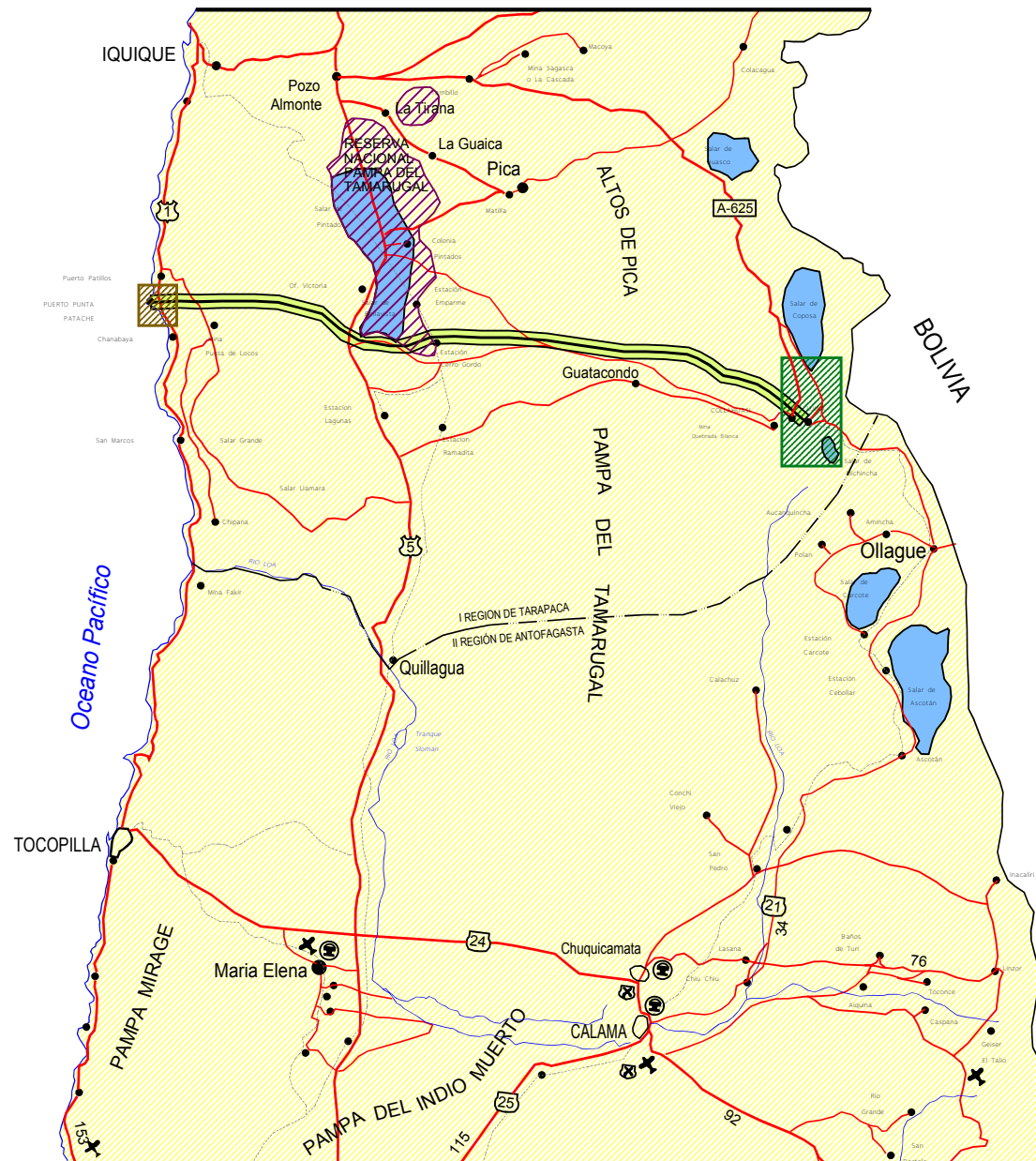




Caudal previsto de la vertiente de Jachucoposa entre los años 1990 y 2054.

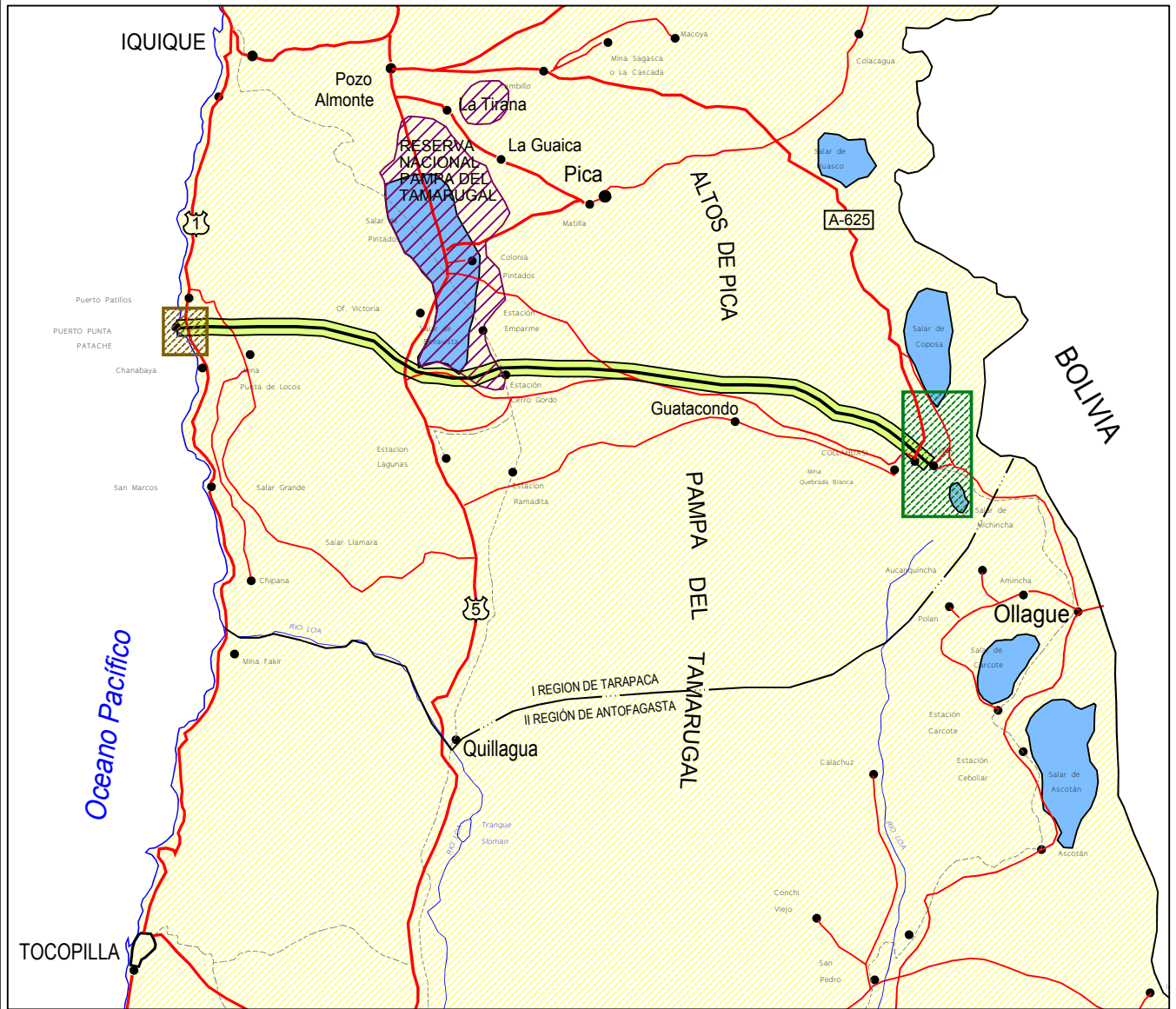
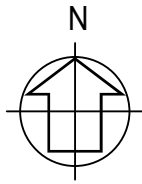


Variación del caudal de la vertiente Michincha, considerando una explotación de 80 l/s por CMDIC.



SIMBOLOGIA

- Area Mina Planta
- Area Instalaciones Portuarias Punta Patache
- Mineroducto



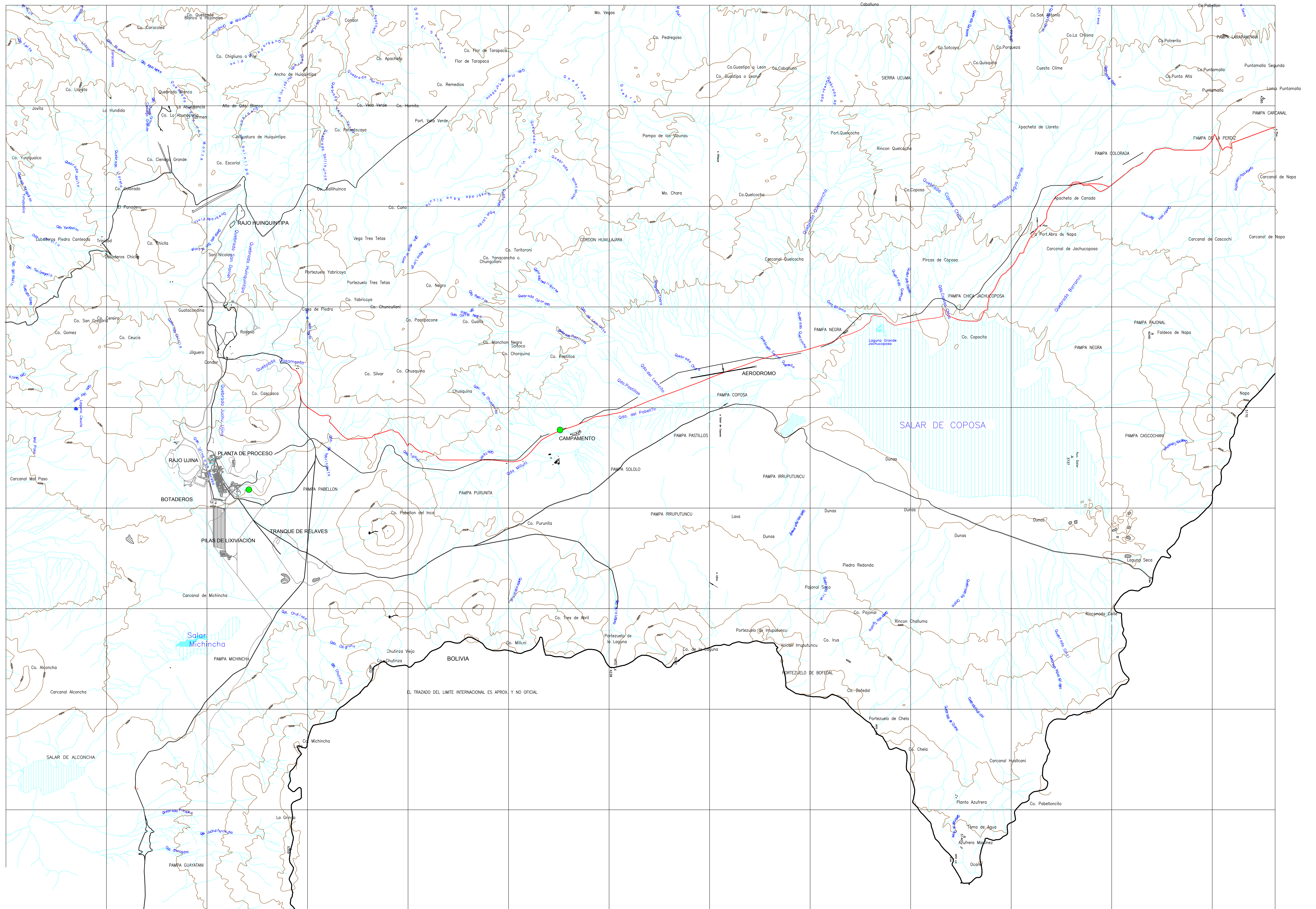
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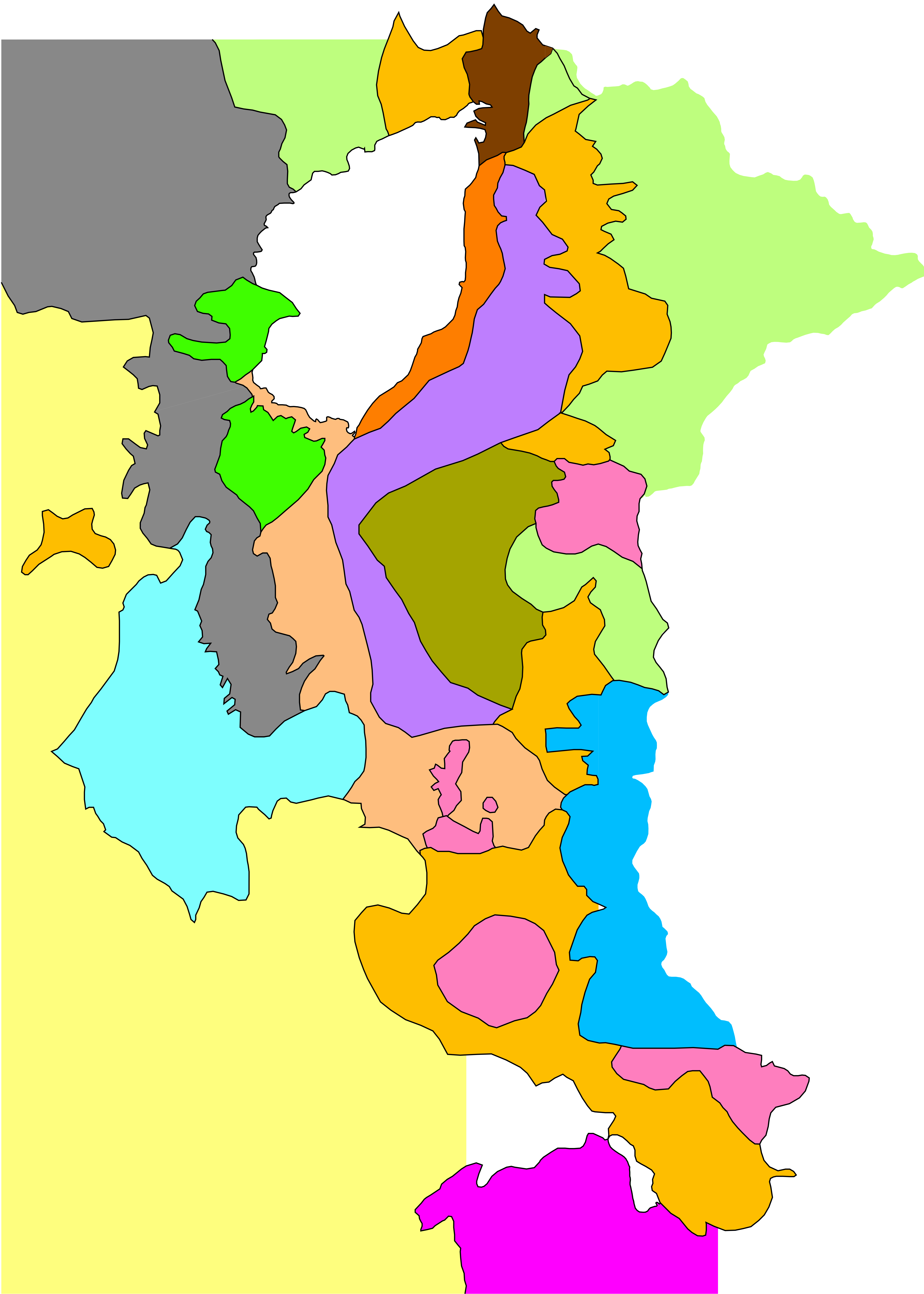
ESCALA 1:1.500.000

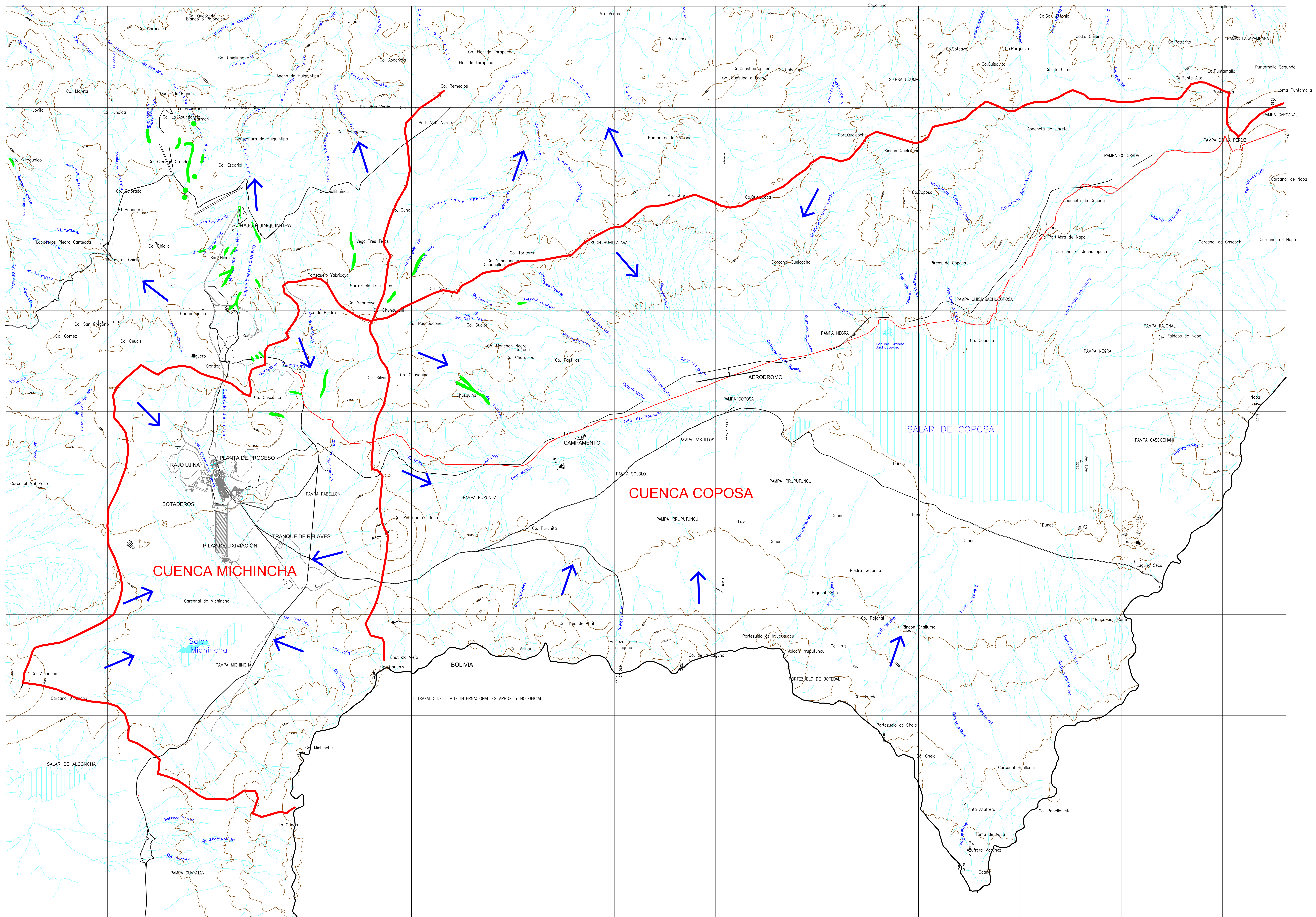
SIMBOLOGIA

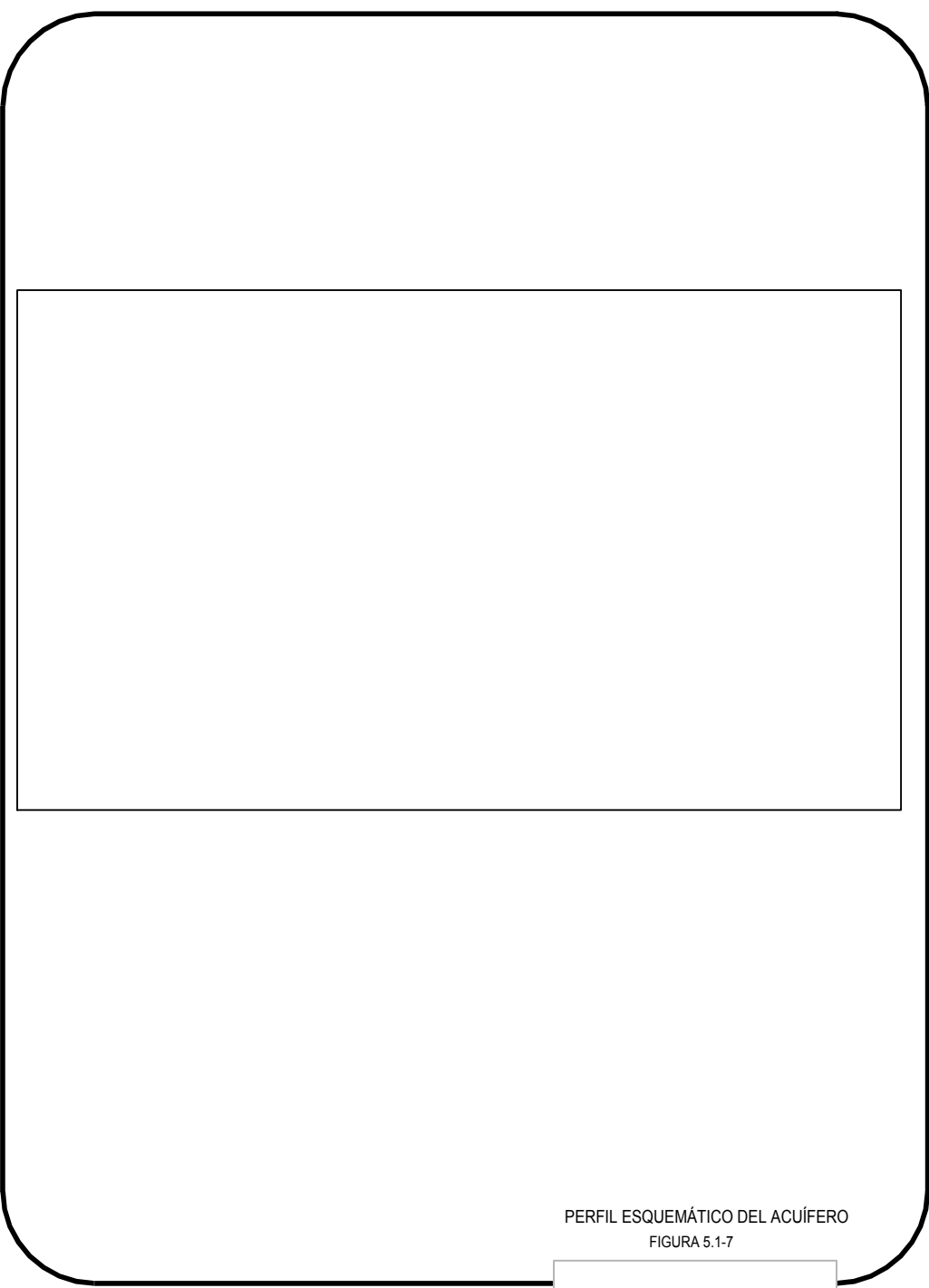
-  Area Mina Planta
-  Area Instalaciones Portuarias Punta Patache
-  Mineroducto

LOCALIZACIÓN GENERAL DEL PROYECTO
FIGURA 5.1-1

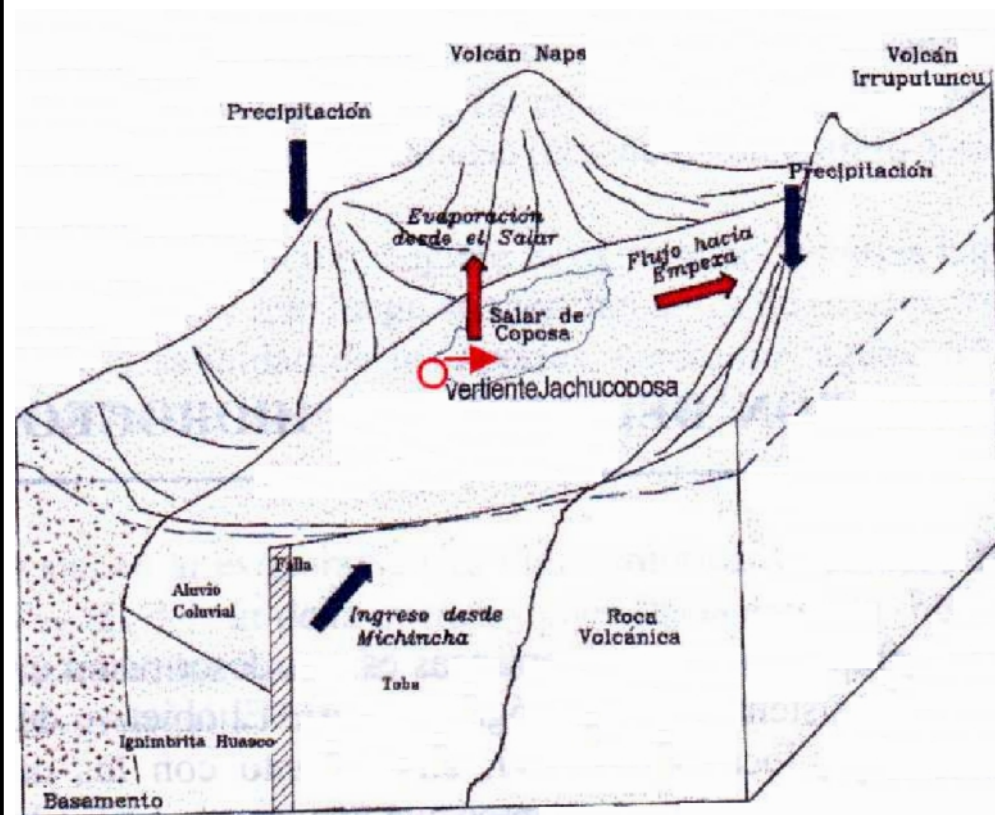






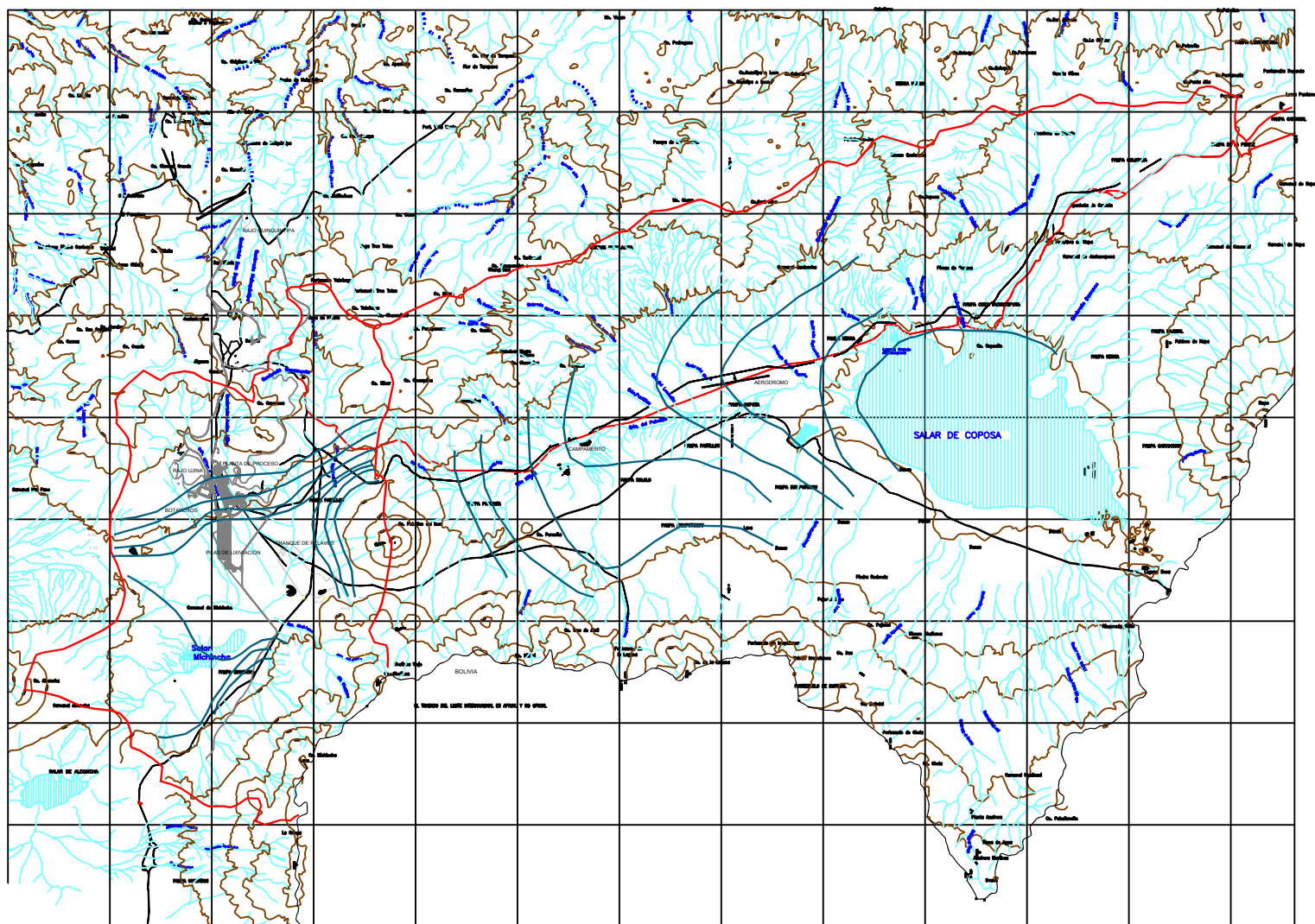


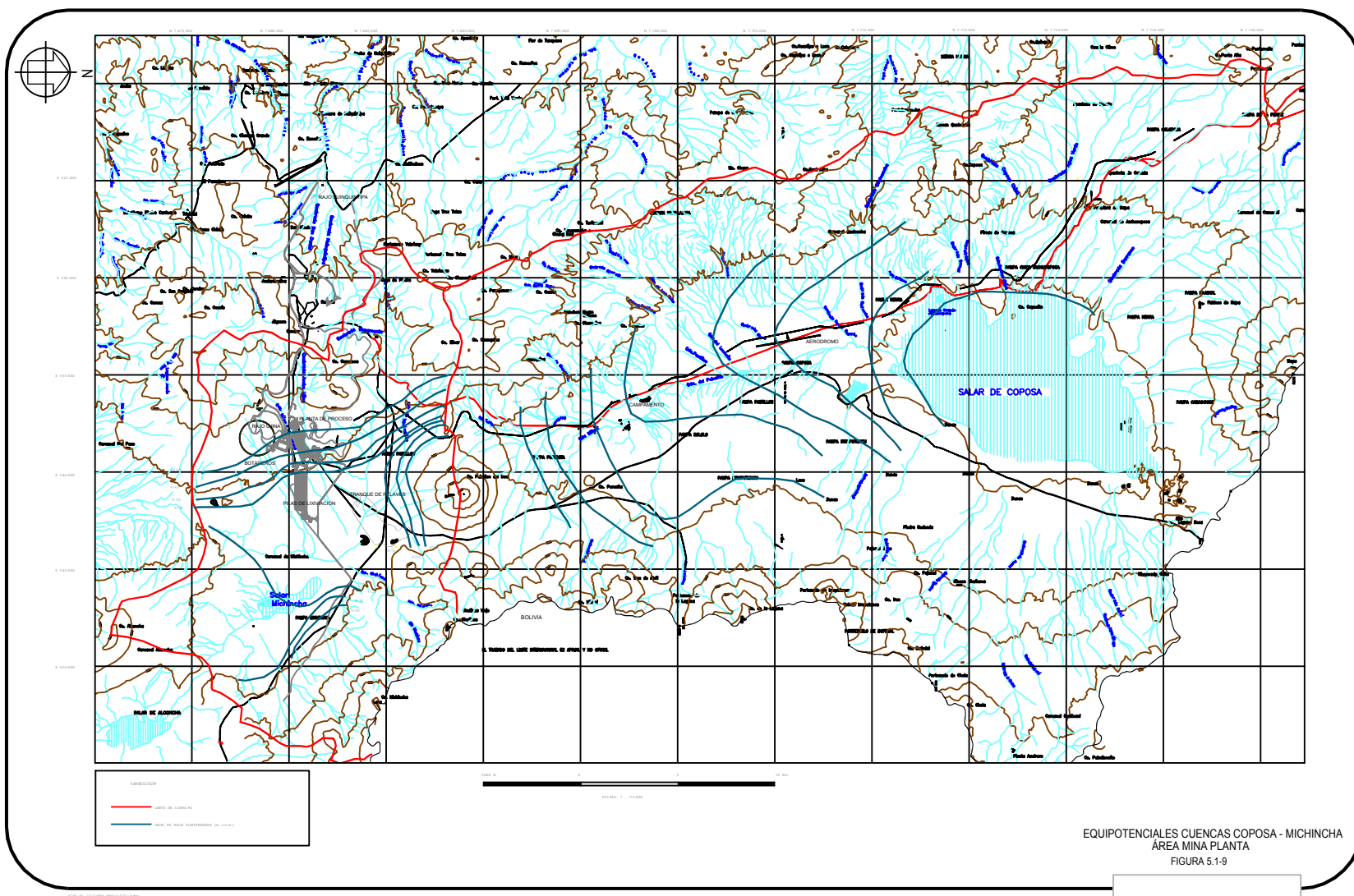
PERFIL ESQUEMÁTICO DEL ACUÍFERO
FIGURA 5.1-7

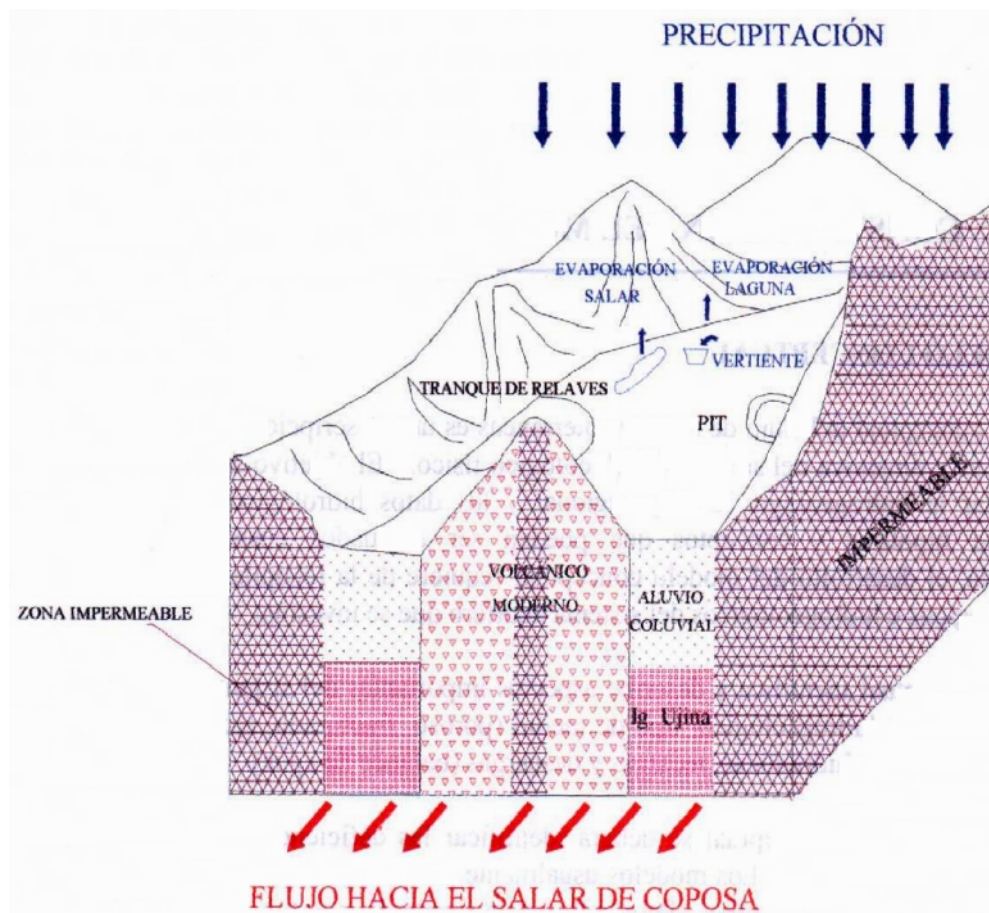


FUNCIONAMIENTO CONCEPTUAL DEL SISTEMA ACUÍFERO
DE LA CUENCA DEL SALAR DE COPOSA

FIGURA 5.1-8

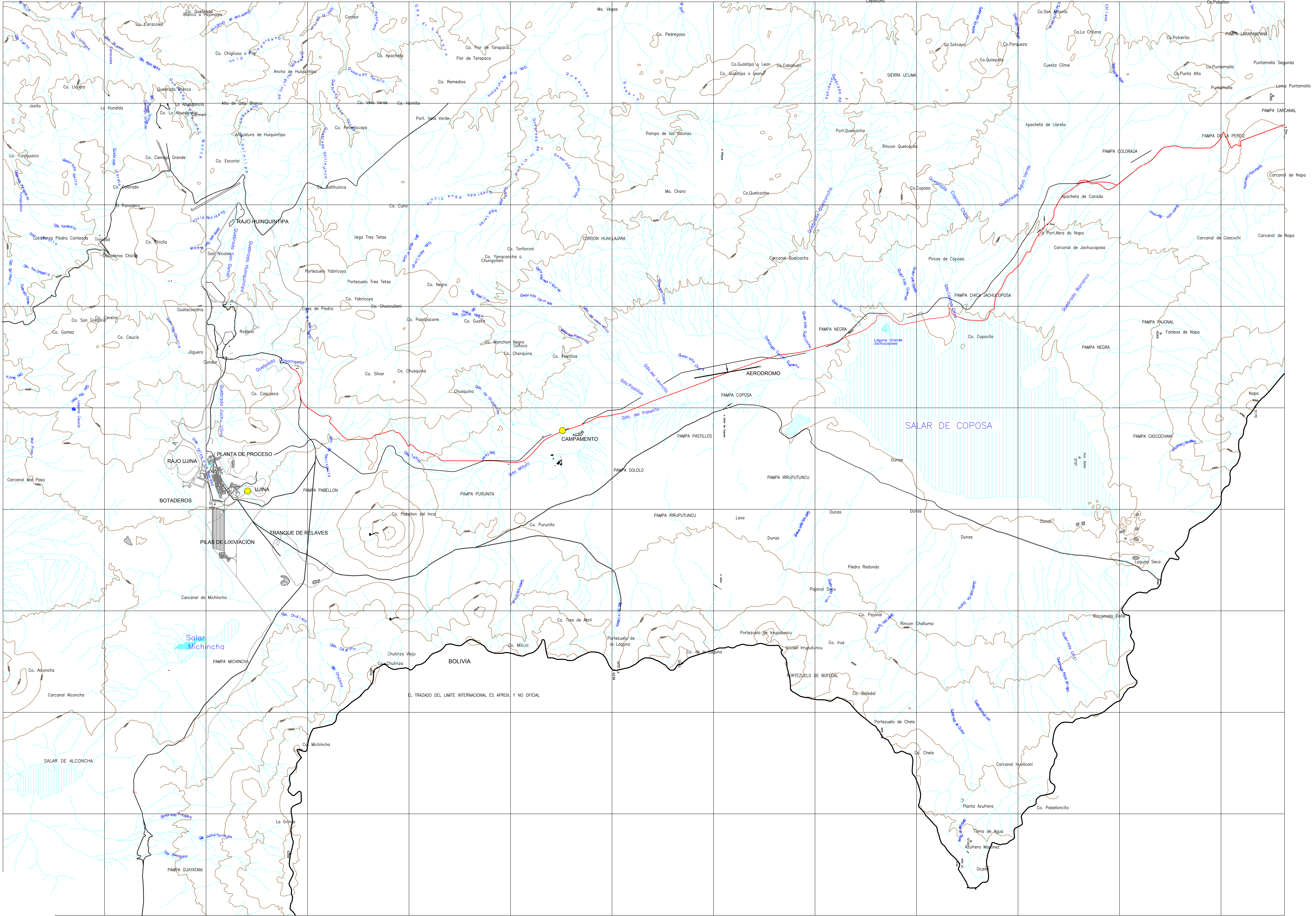




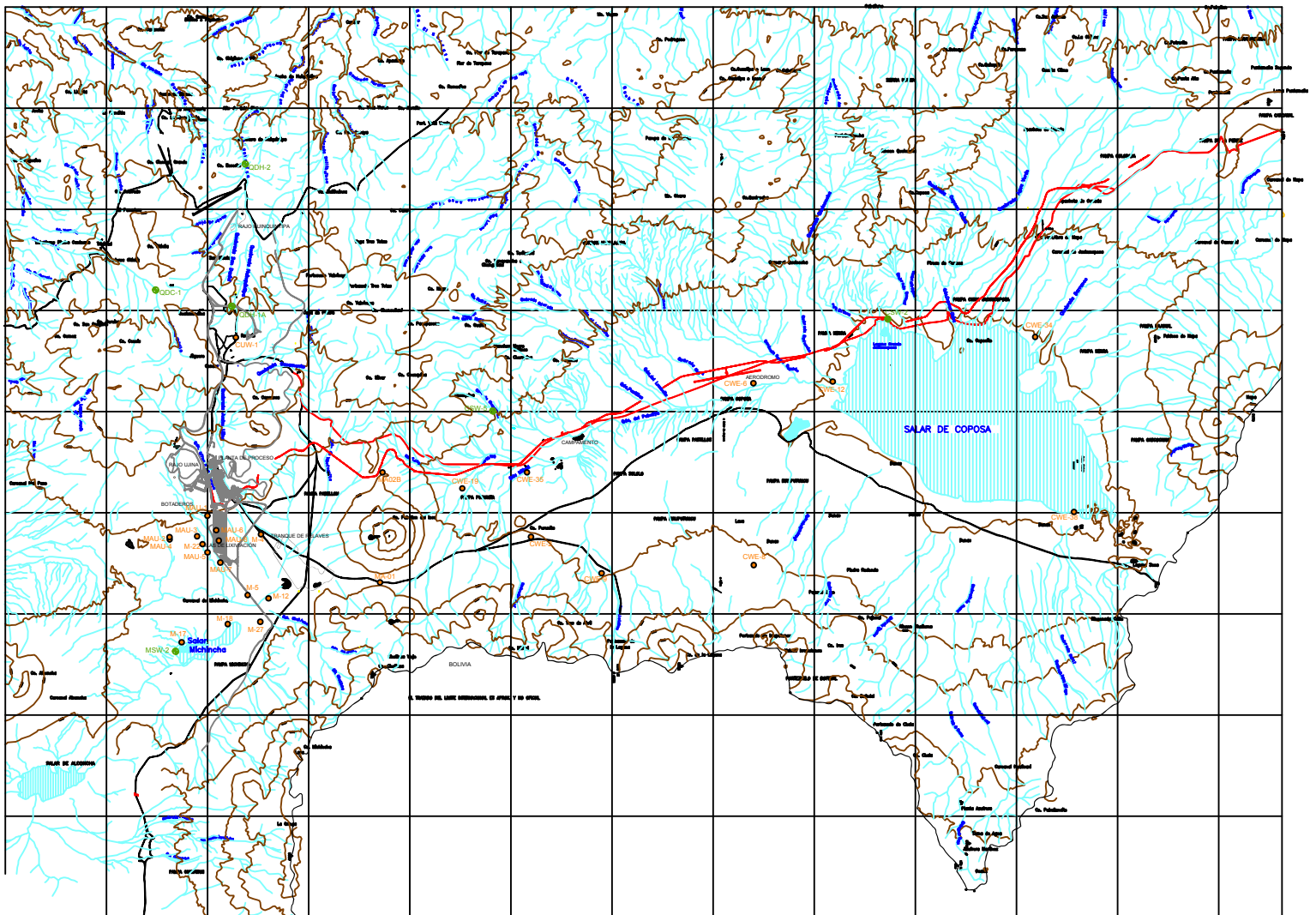


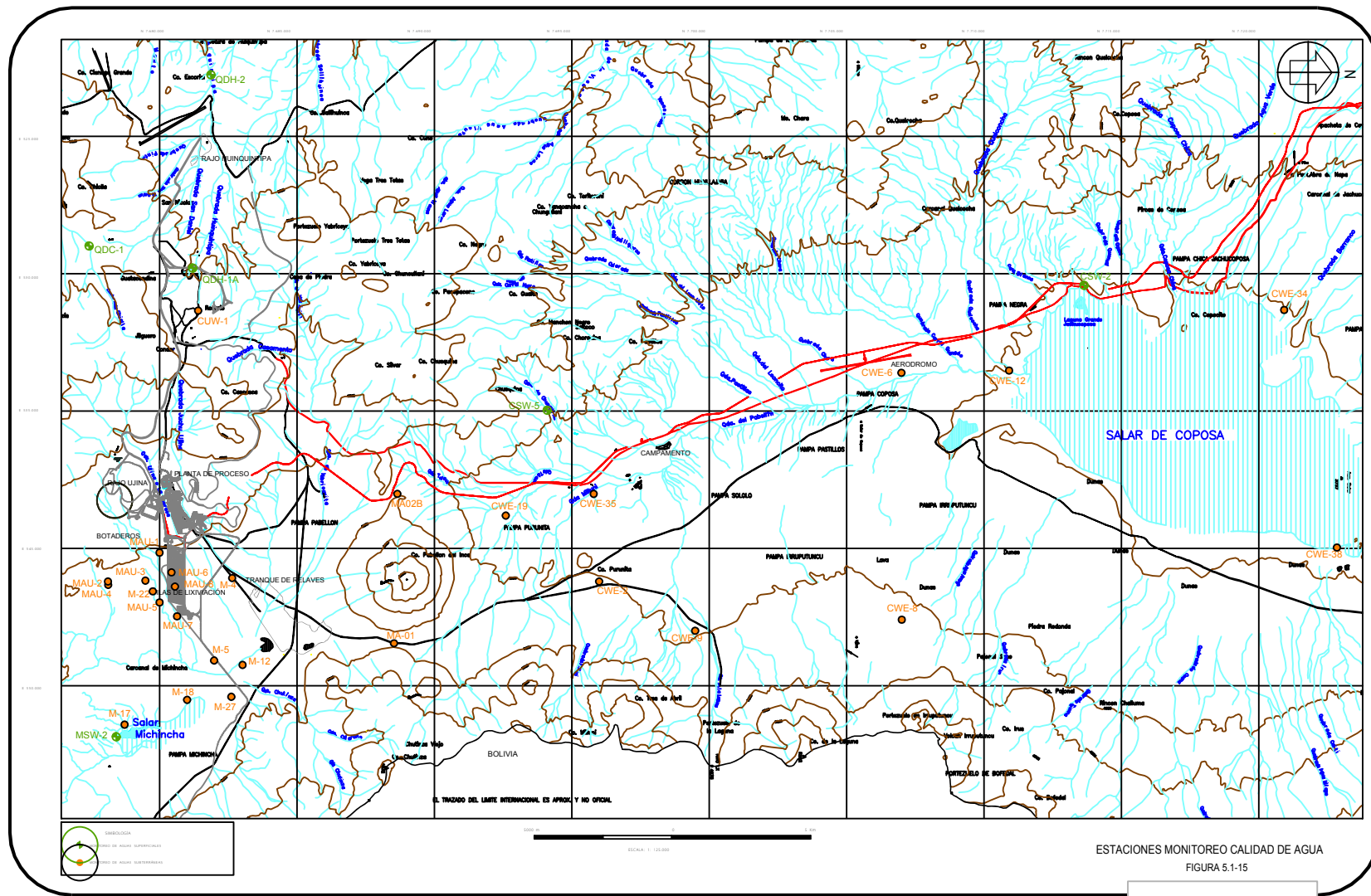
FUNCIONAMIENTO CONCEPTUAL DEL SISTEMA ACUÍFERO
DE LA CUENCA DEL SALAR DE MICHINCHA

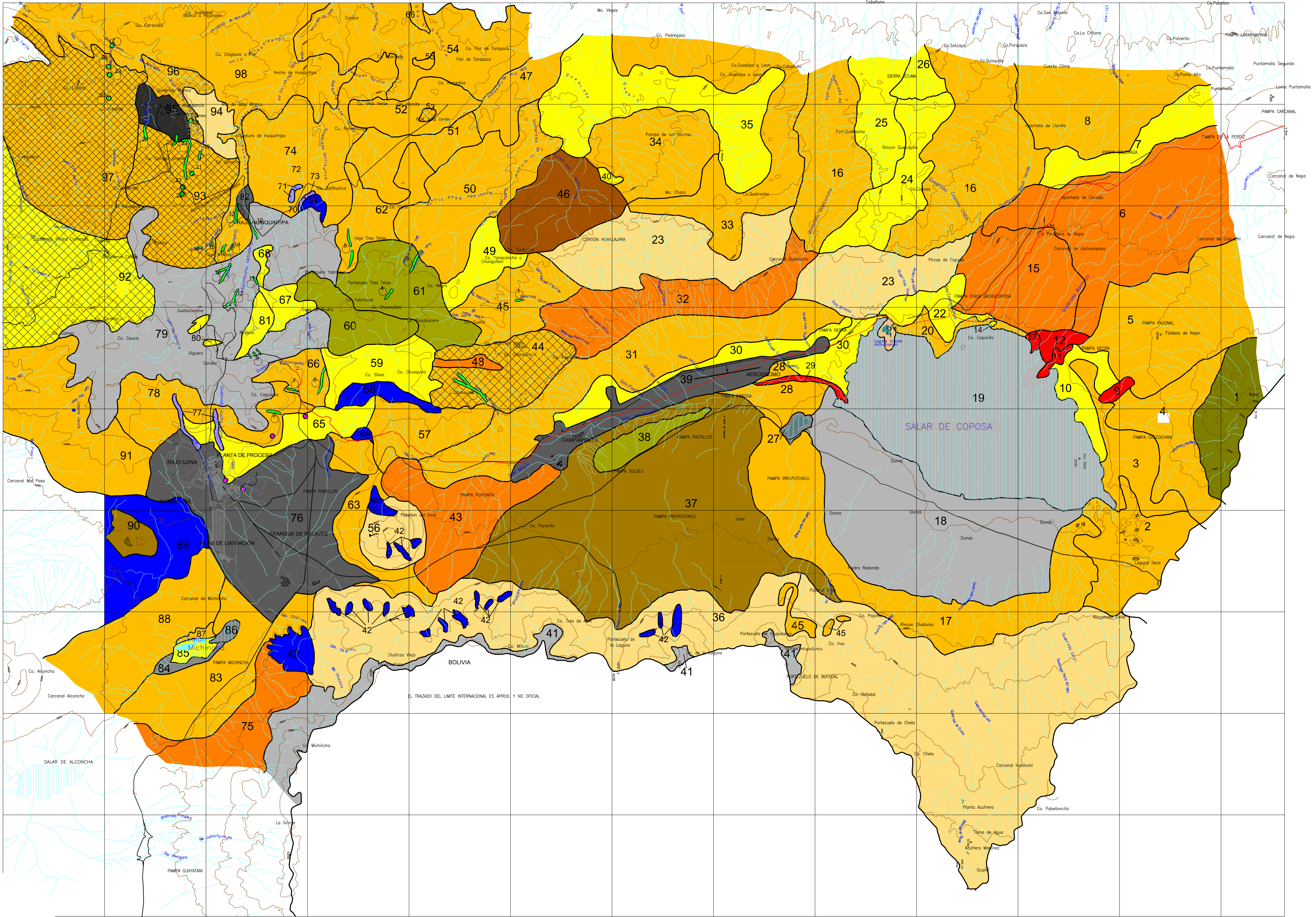
FIGURA 5.1-10

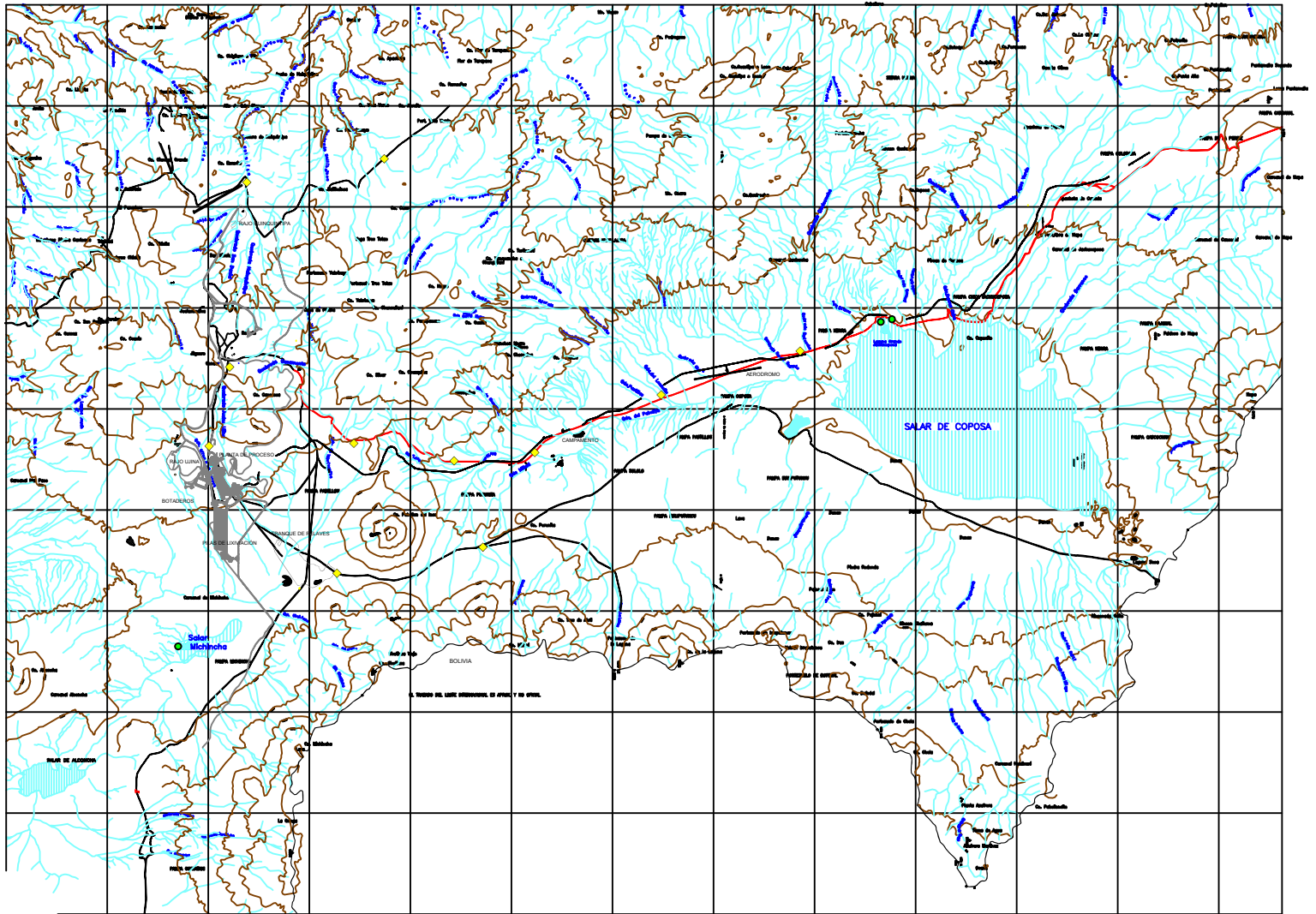


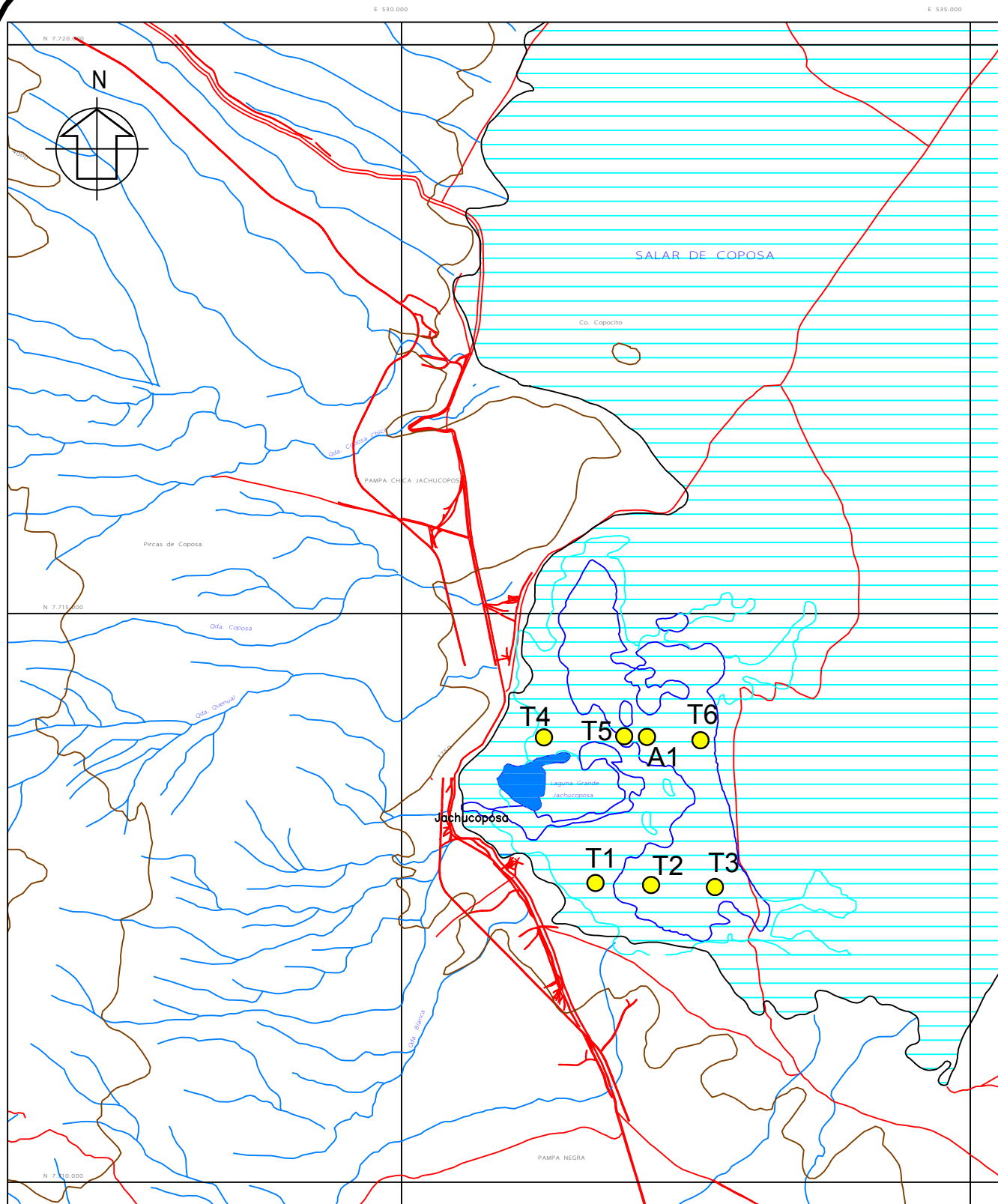
HTC-3
HTC-4
HTC-1









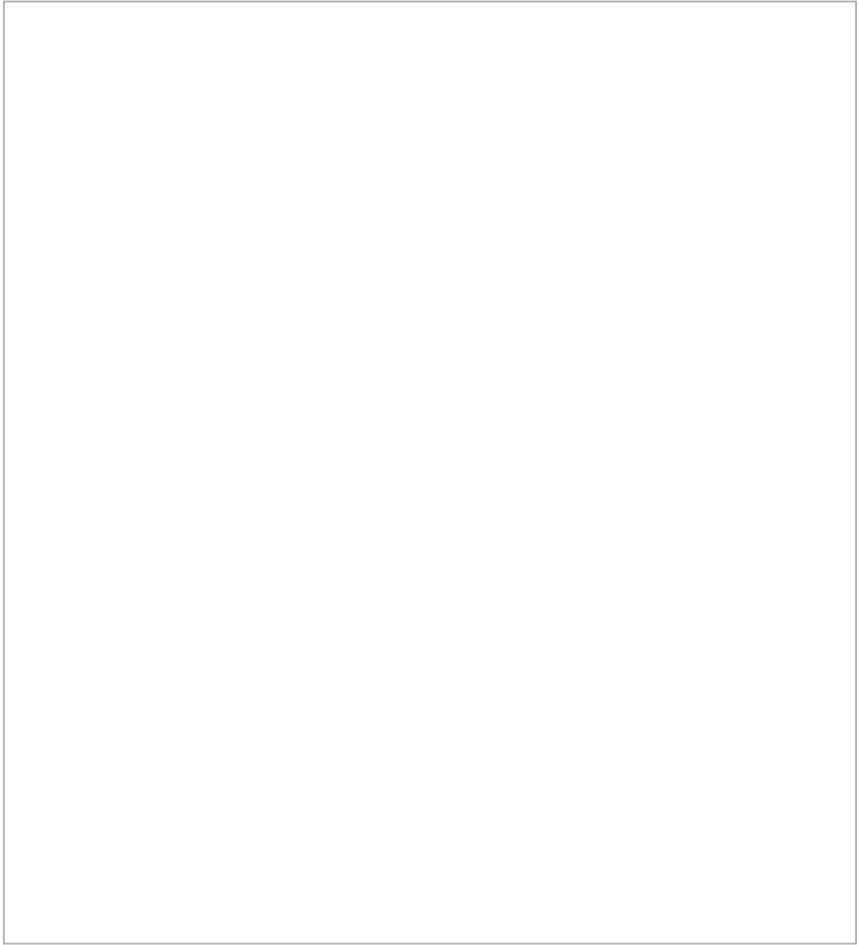


1000 m 0 1 2 3 Km

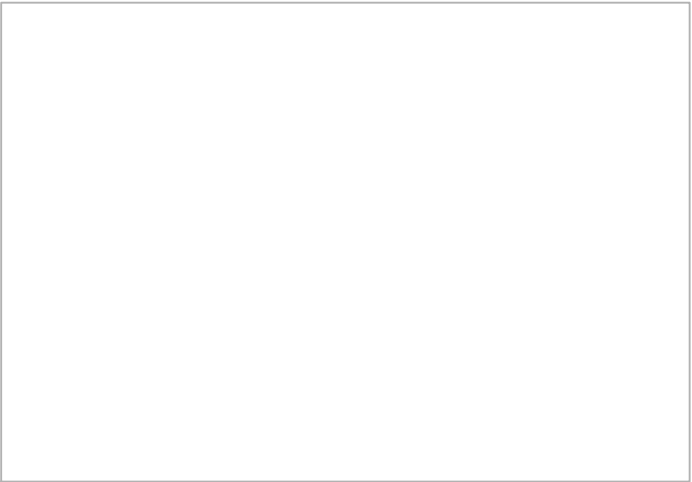
ESCALA: 1: 50.000

 SITIOS MONITOREO LIMNOLOGÍA

SITIOS MONITOREO LIMNOLOGÍA
FIGURA 5.1-18



En líneas rojas se presentarán los techos (en metros) de la superficie del agua subterránea después de 25 años de bombeo de 807 l/s en forma efectiva (línea del año 2050).



Caudal previsto de la vertiente de Jachucopos entre los años 1990 y 2054.

Fuente:
Modelación del Riego de Aguas Subterráneas Sistema Acuífero
Cuenca Salar de Coposa, I Región, Chile
GP Consultores Ltda. Diciembre 2008.

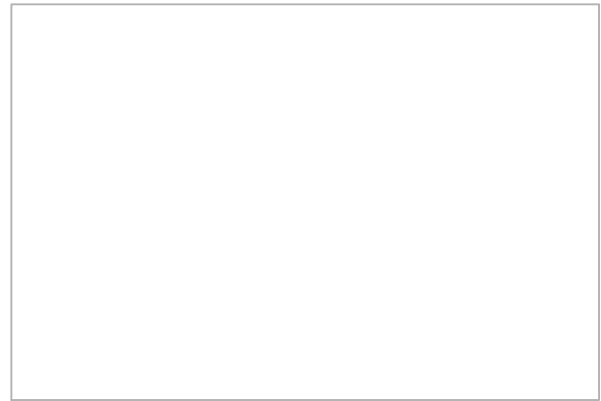
ARCHIVO: 001_001.dwg

EFFECTO DE EXTRACCIÓN DE AGUA
SUBTERRÁNEA EN LA VERTIENTE JACHUCOPOSA
FIGURA 6.4





Descensos previstos del agua subterránea al año 2029, considerando un aprovechamiento total de 80 l/s desde el P1 Ujina y desde el pozo RPW-3
(en rojo las inclinaciones de igual descenso en metros, medida con respecto a la situación en 1990).



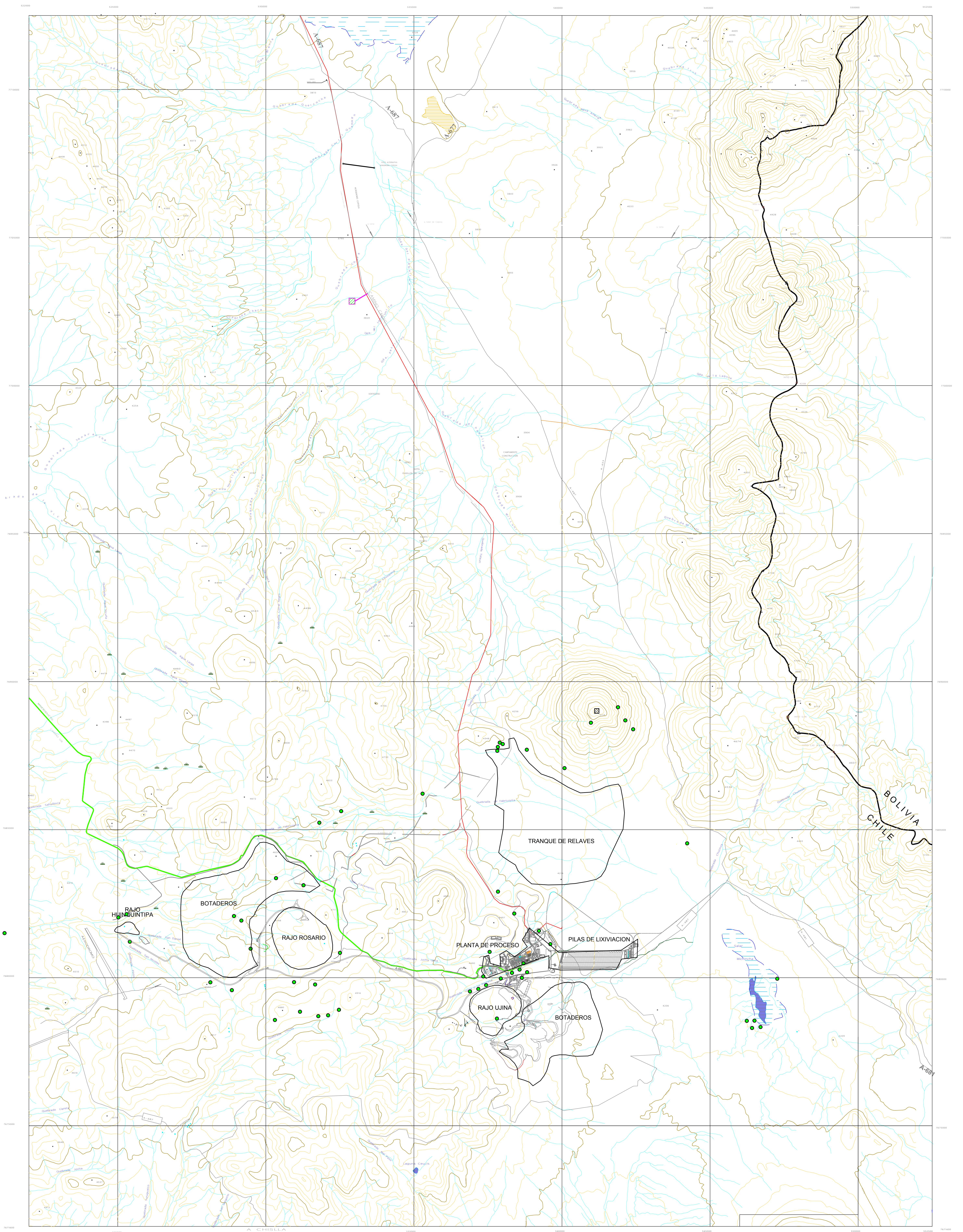
Variación del caudal de la vertiente Michincha, considerando una explotación de 80 l/s por CRED.

Fuente:
Modelación del Riego de Aguas Subterráneas Sistema Acuífero
Cuenca Salar de Michincha, I Región, Chile.
GP Consultores Ltda. Diciembre 2008.

ALVARO DE J. J. J. J. J.

EFFECTO DE EXTRACCIÓN DE AGUA
SUBTERRÁNEA EN LA VERTIENTE MICHINCHA
FIGURA 6.5

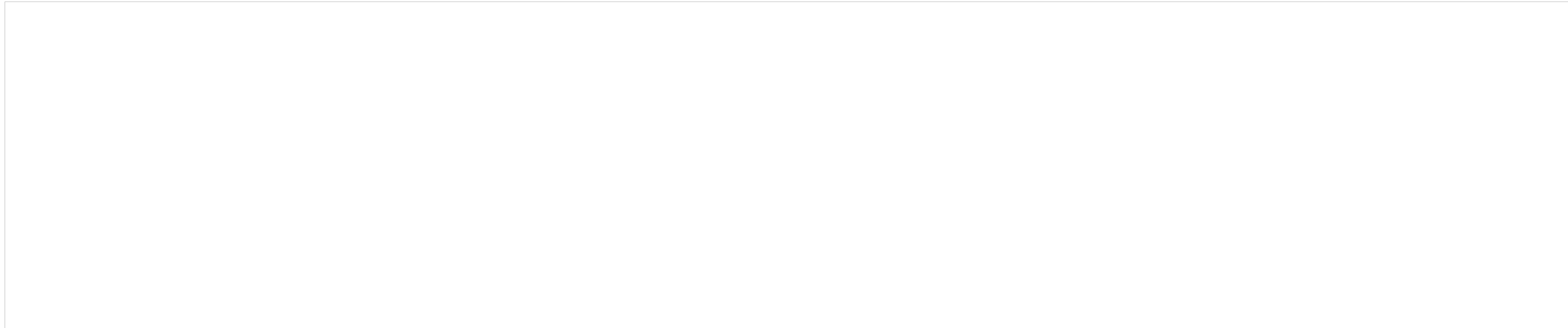


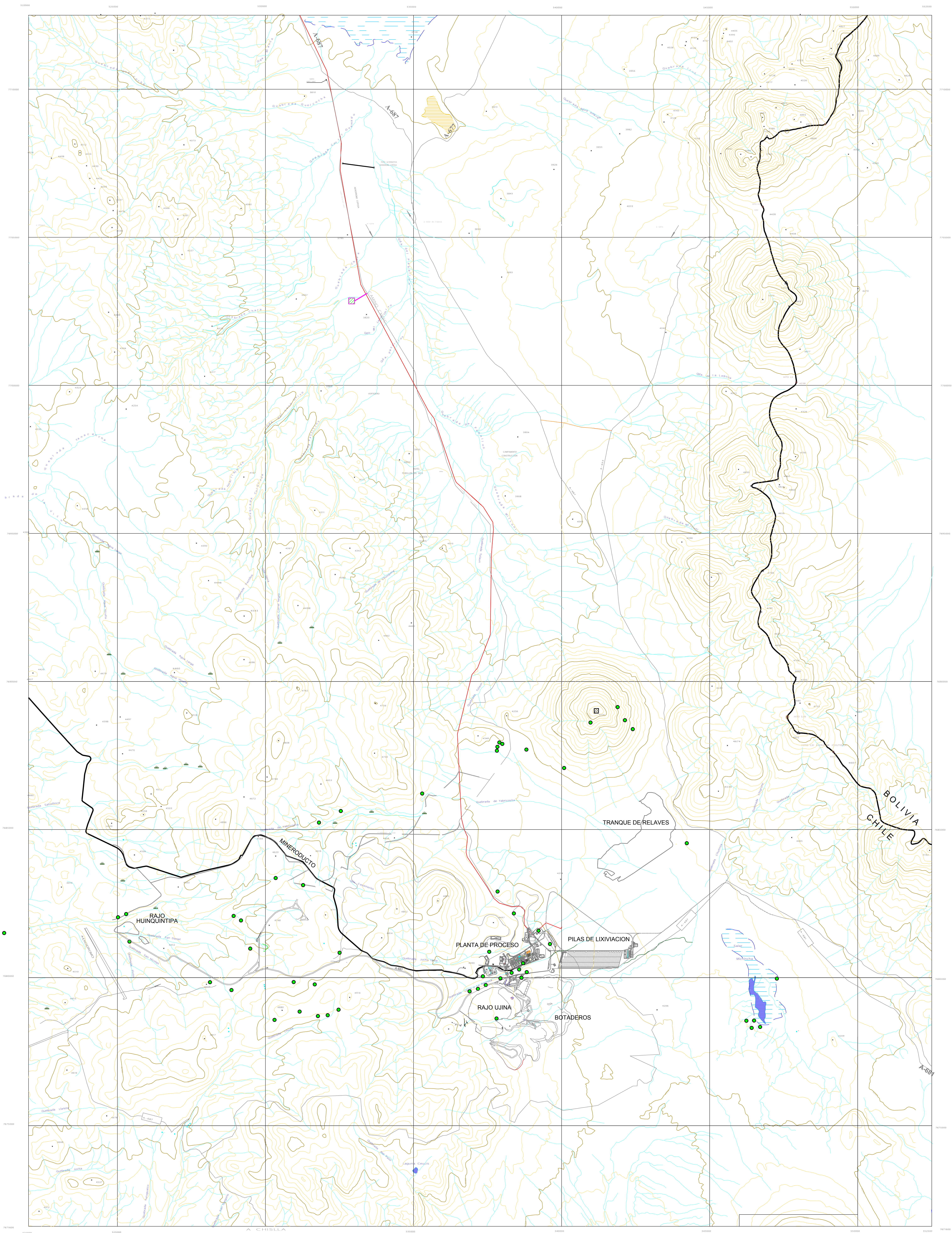




OBRAS E INSTALACIONES AR PROYECTO BASE AP

FIGURA 1



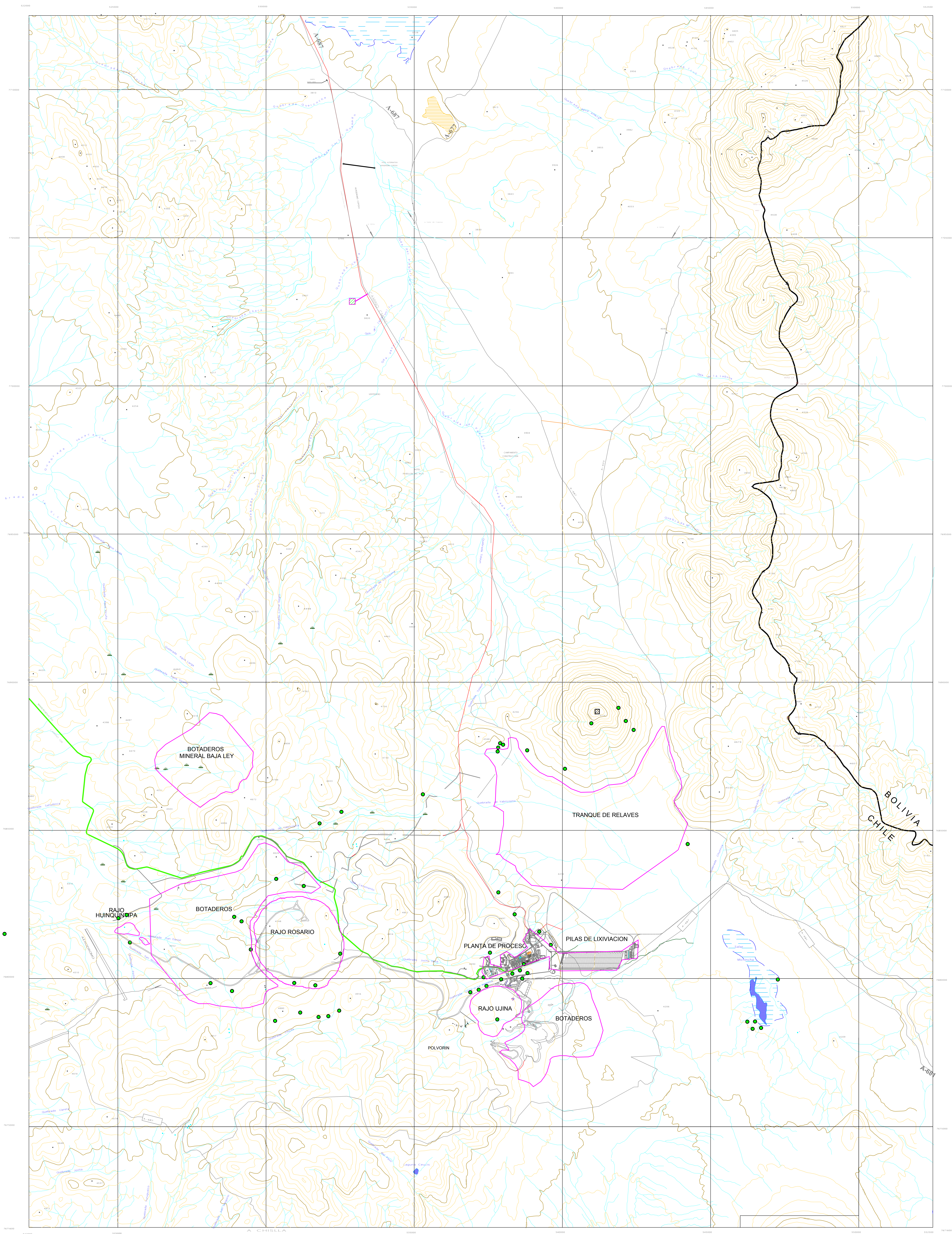




OBRAS E INSTALACIONES AR SITUACIÓN ACTUA

FIGURA 2



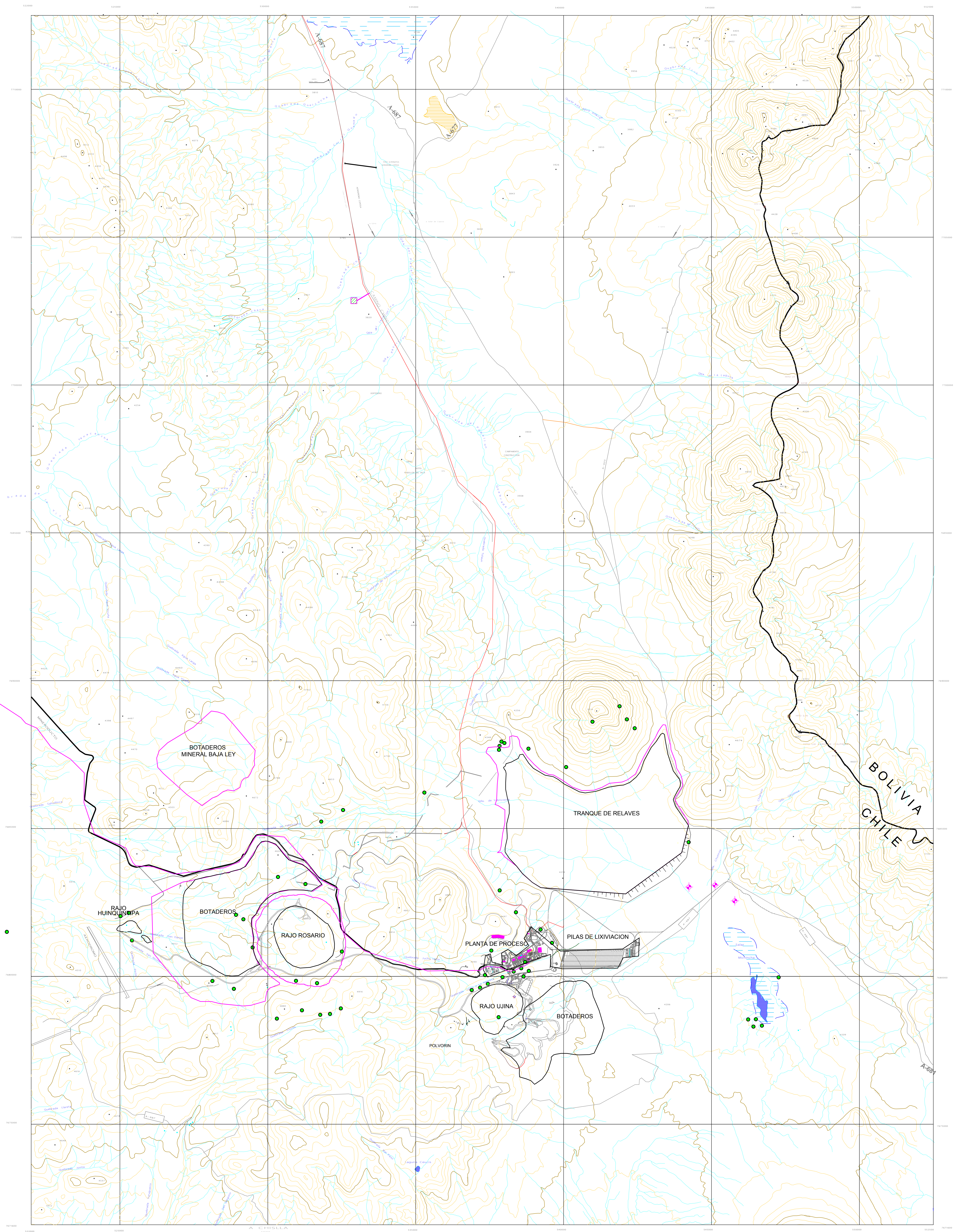




OBRAS E INSTALACIONES AR PROYECTO EXPAN

FIGURA 3



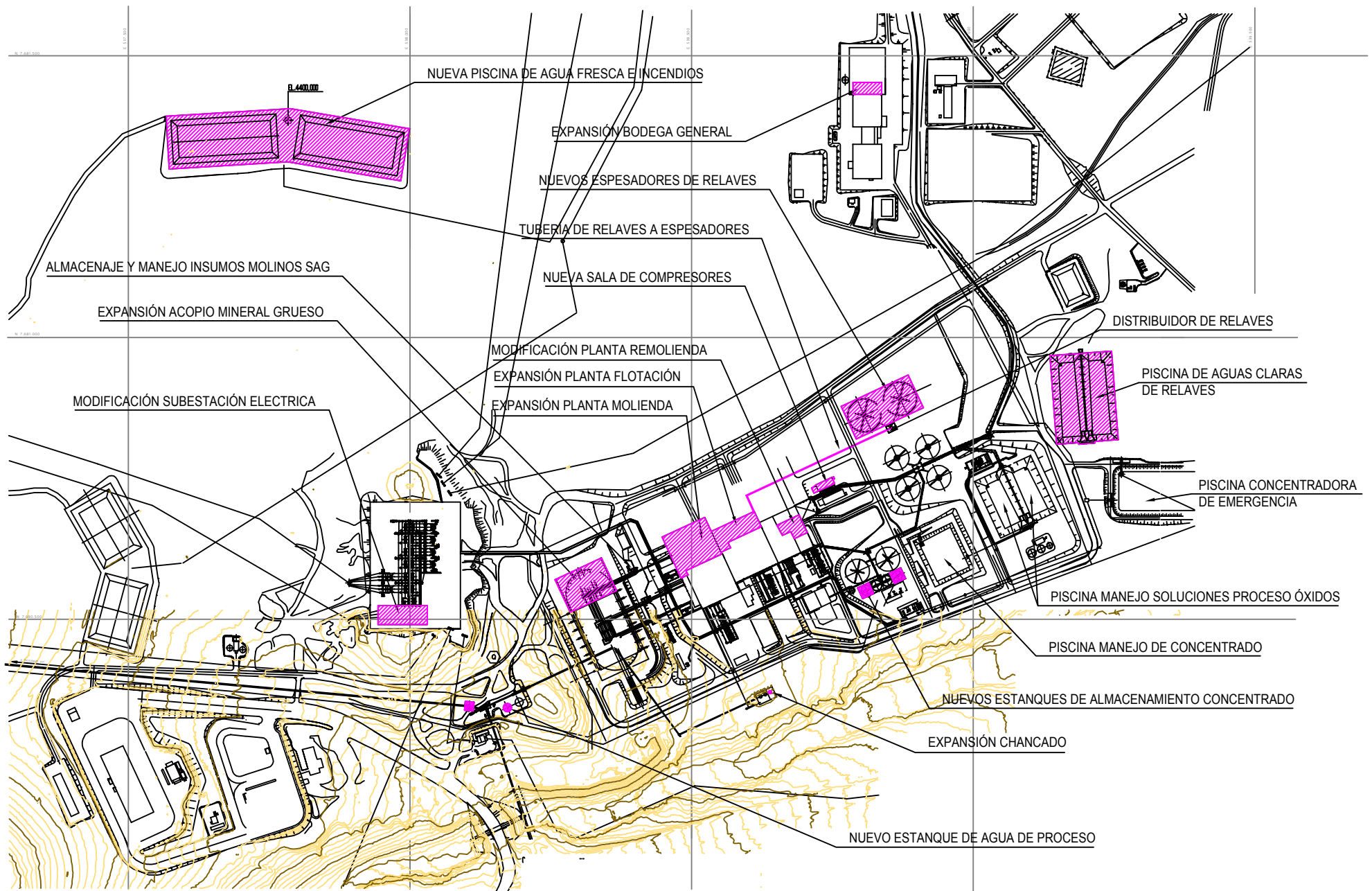


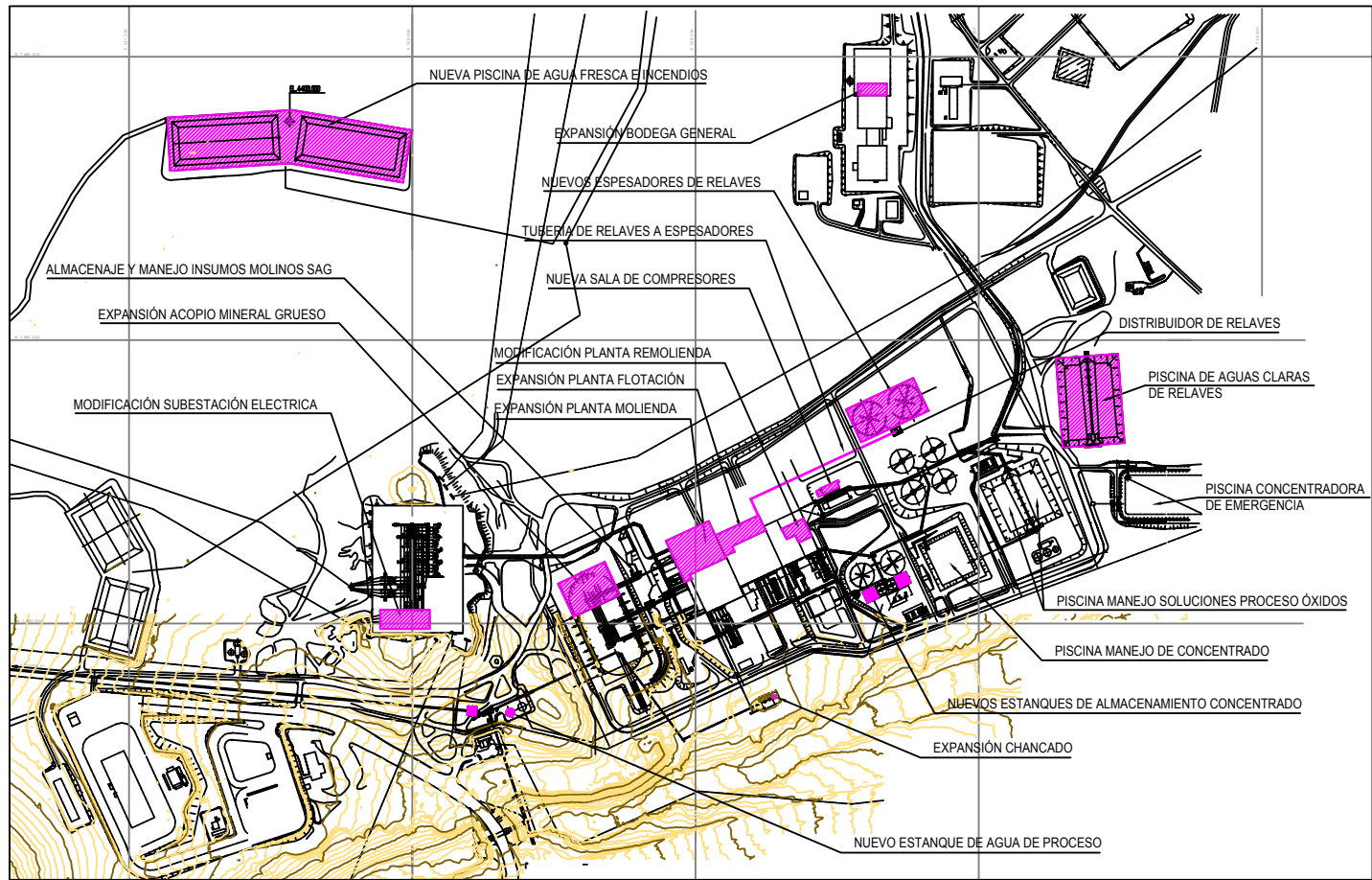
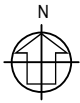


OBRAS E INSTALACIONES AR PROYECTO EXPAN

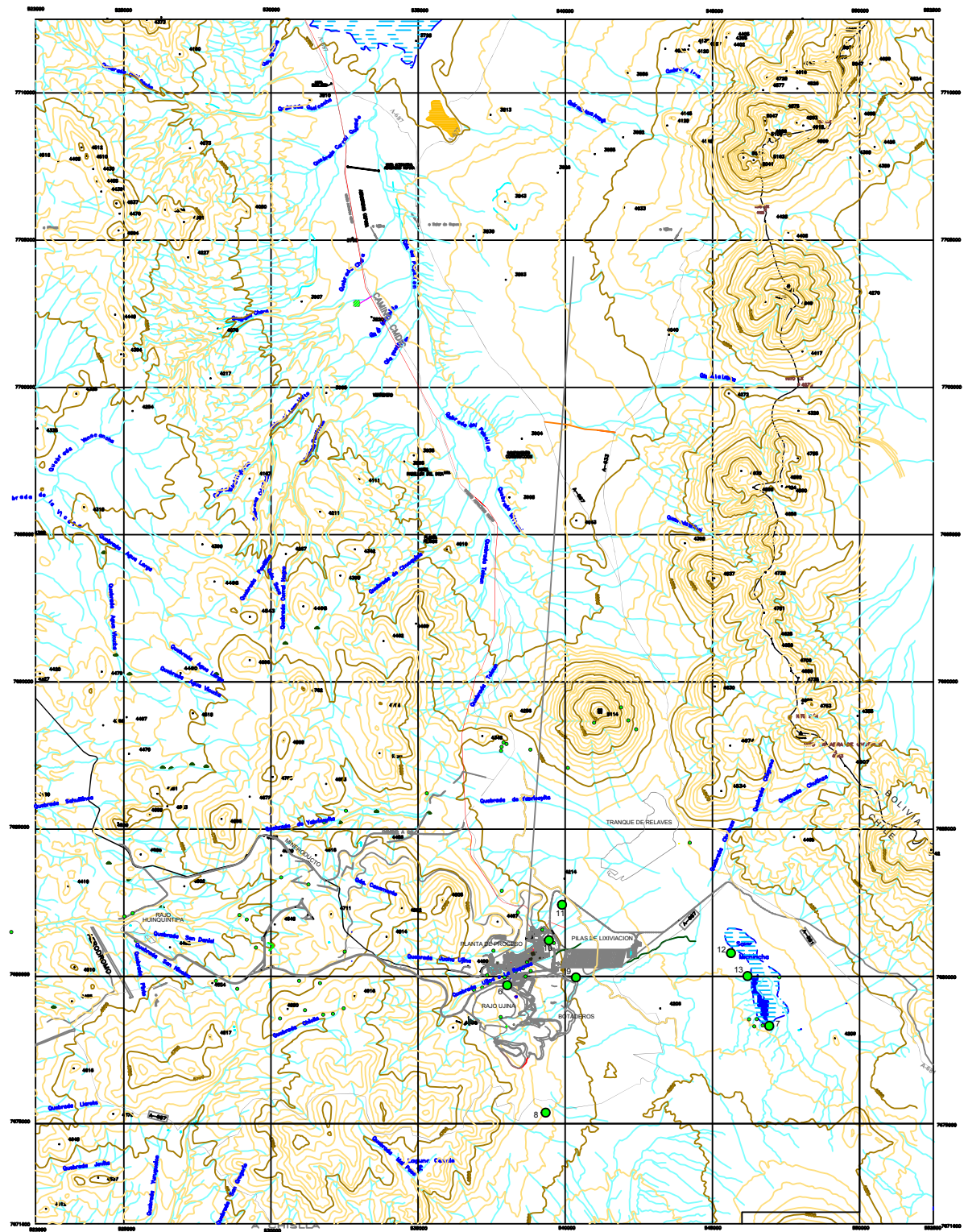
FIGURA 2.2

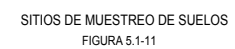




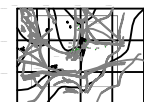
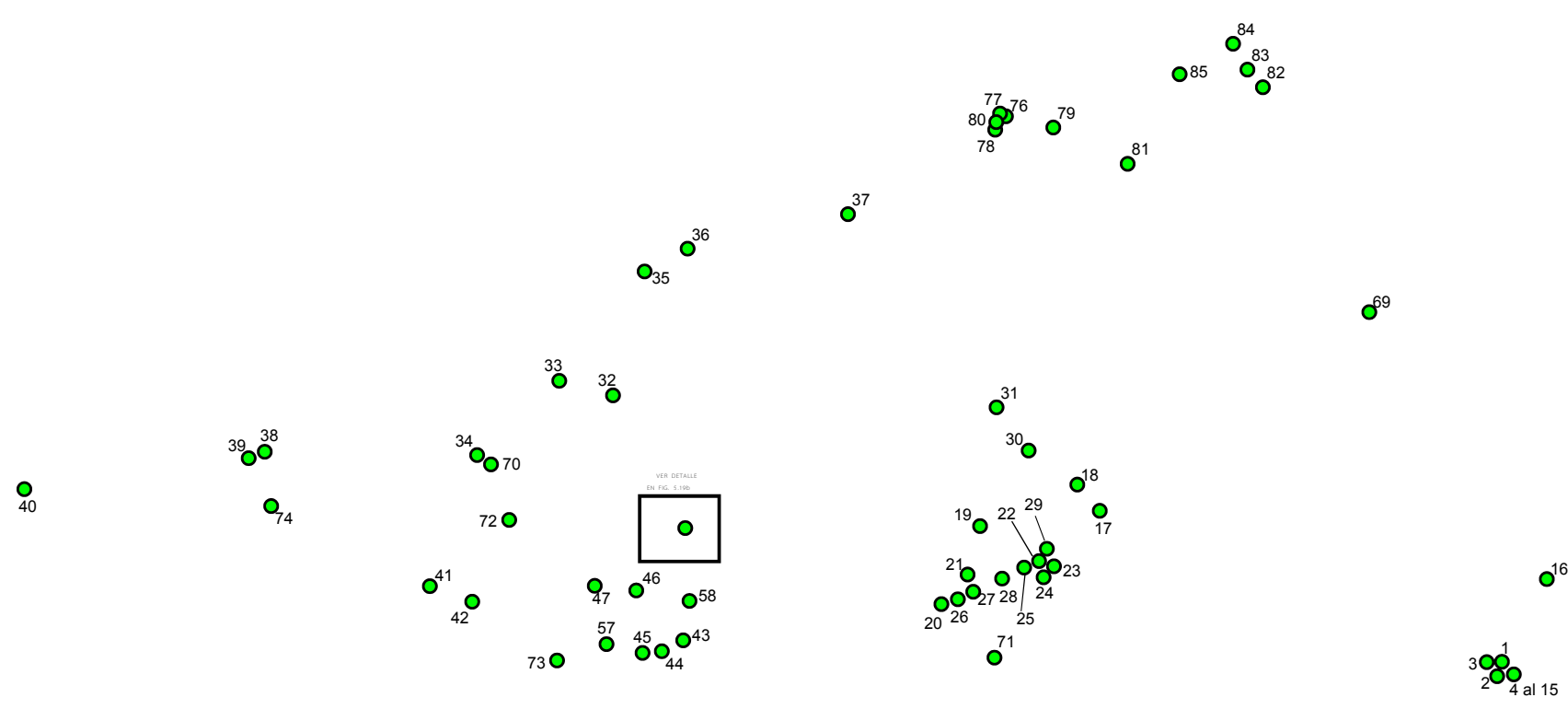


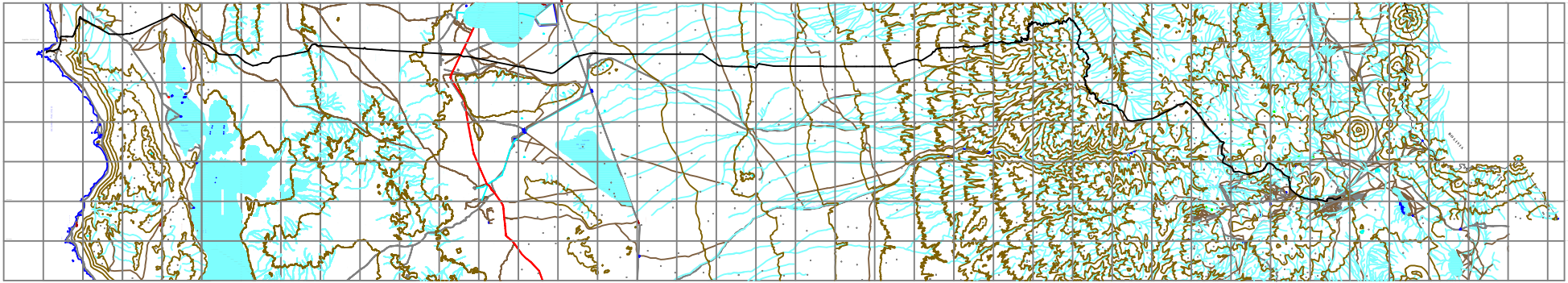
OBRAS E INSTALACIONES PLANTA DE PROCESO
FIGURA 2.3

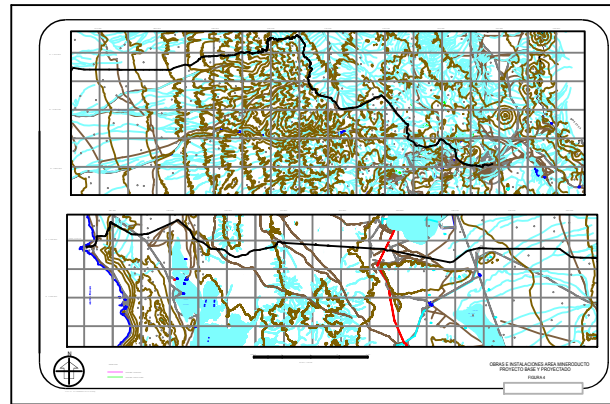


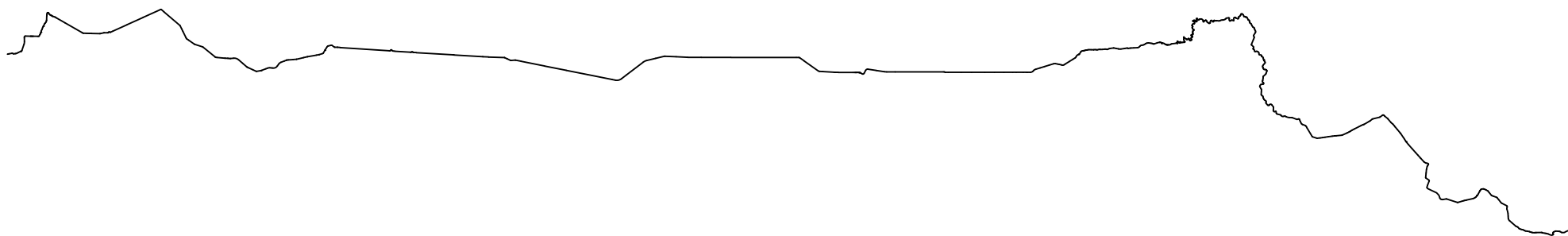


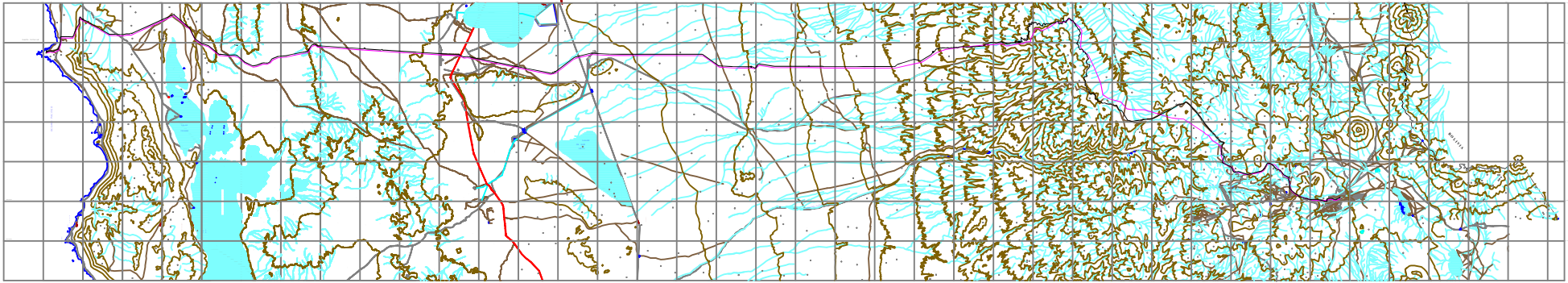
SITIOS DE MUESTREO DE SUELOS
FIGURA 5.1-11

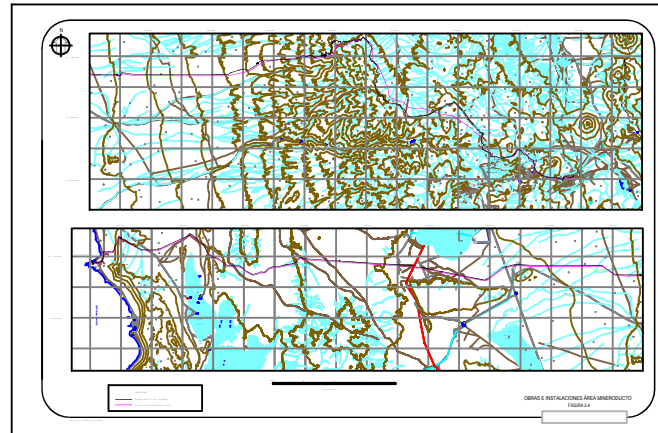


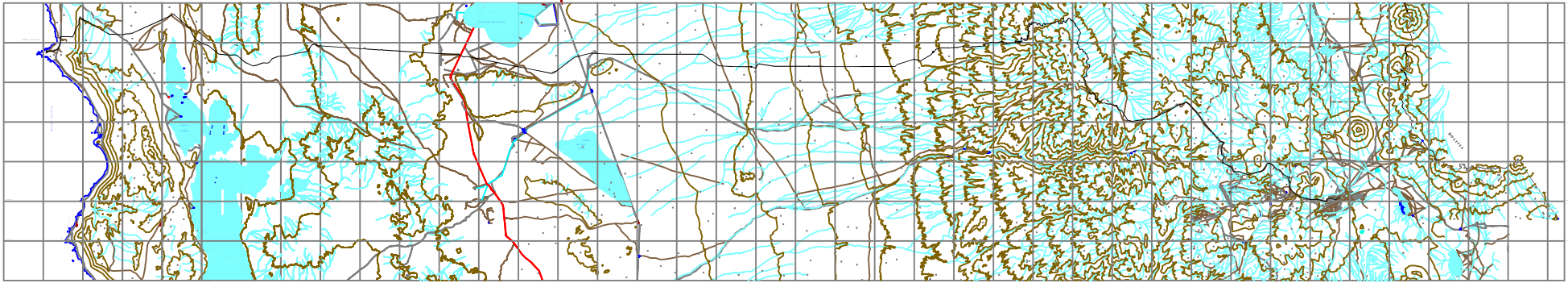


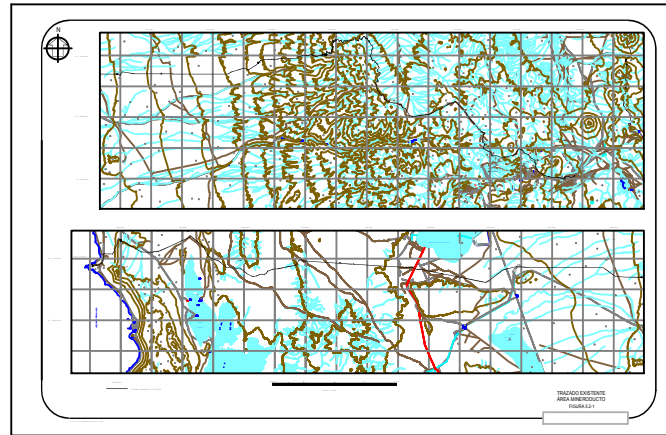


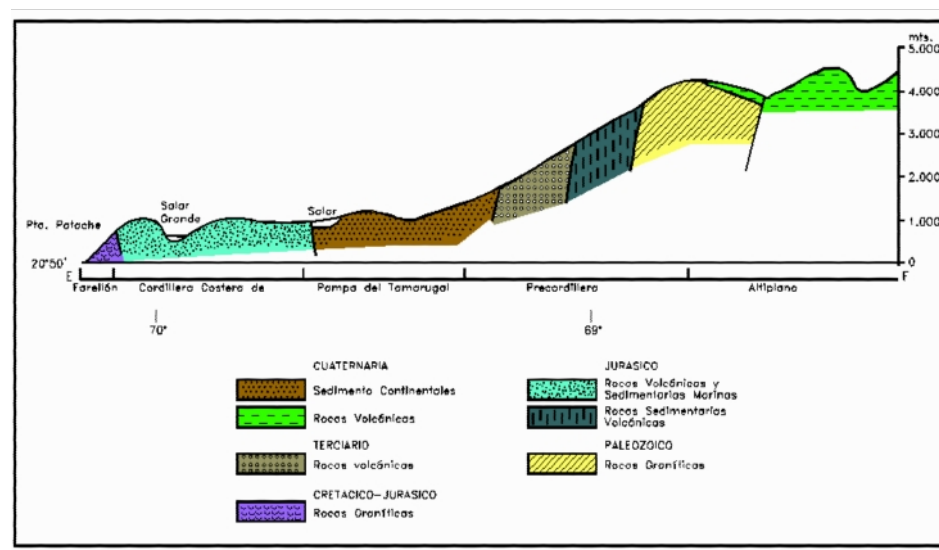






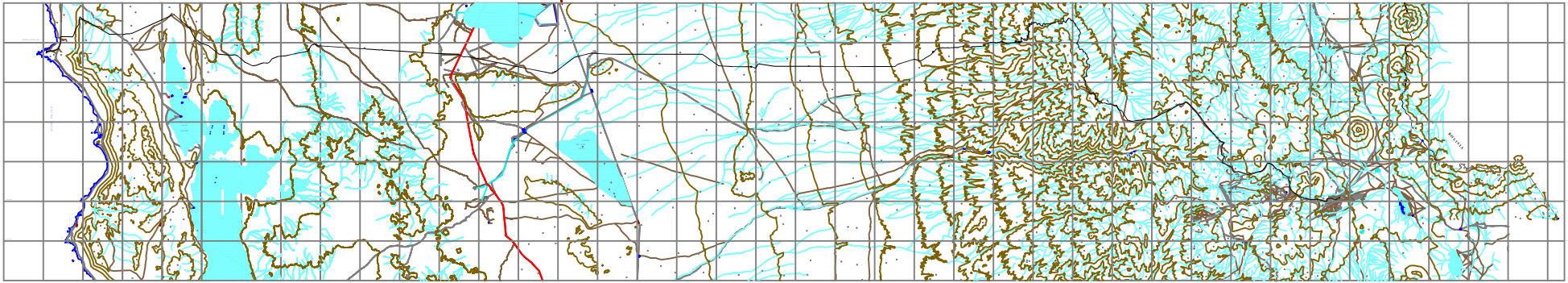


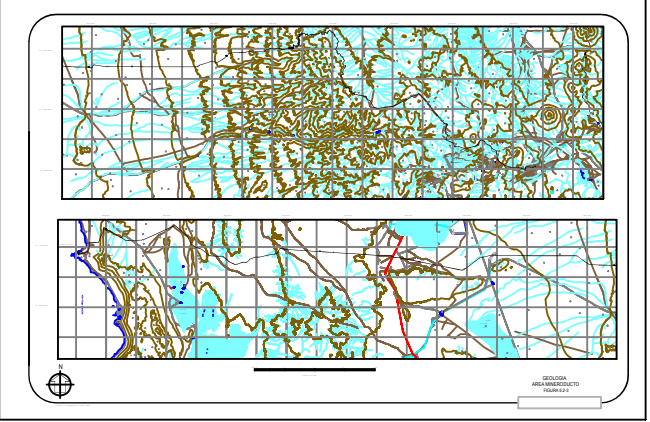


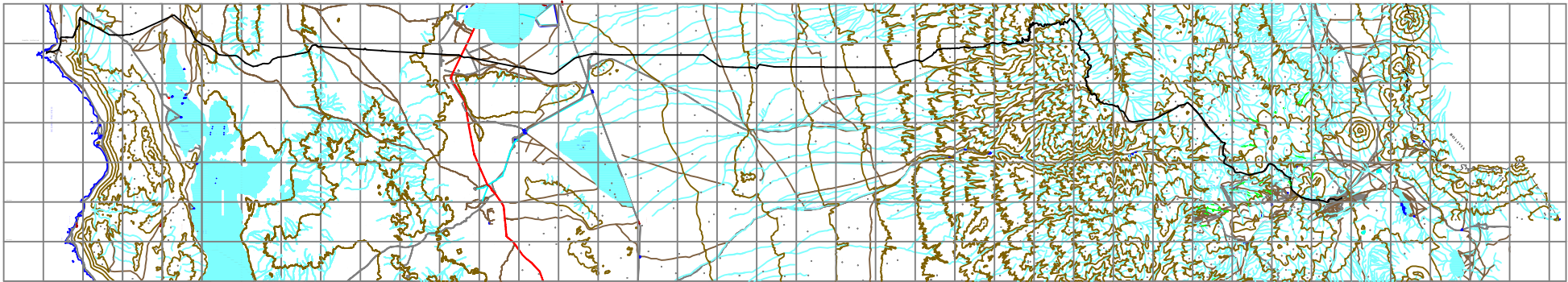


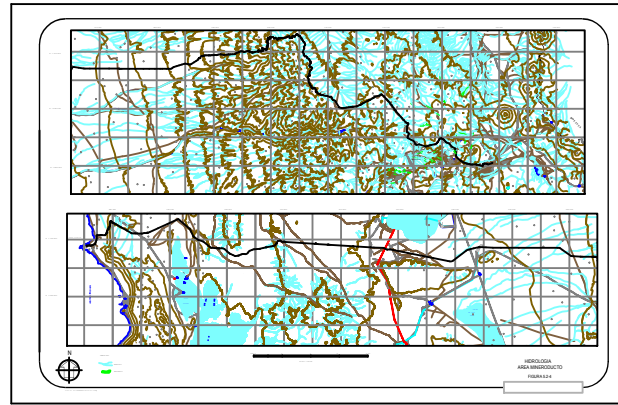
PERFIL GEOLÓGICO
AREA MINERODUCTO

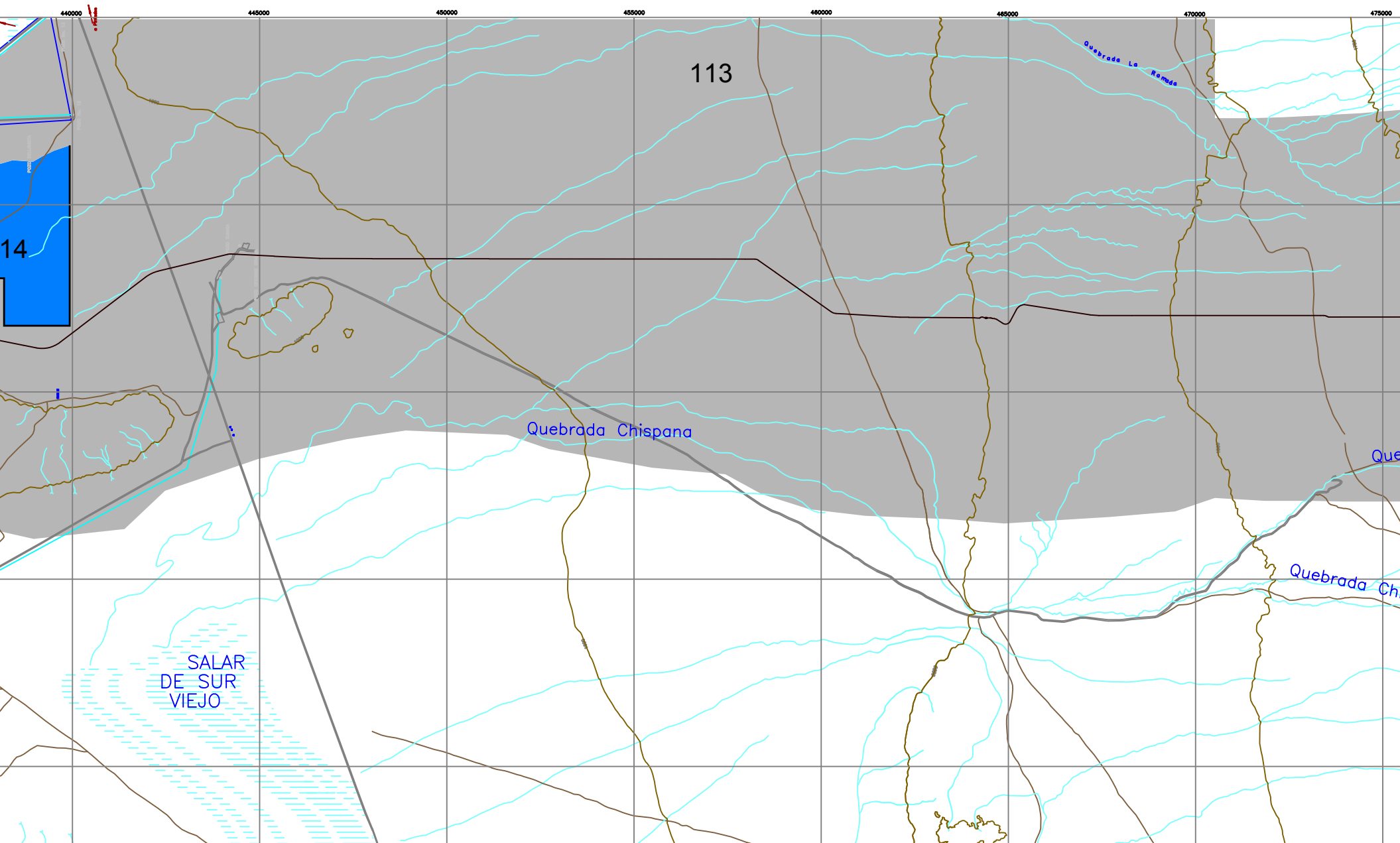
FIGURA 5.2-2

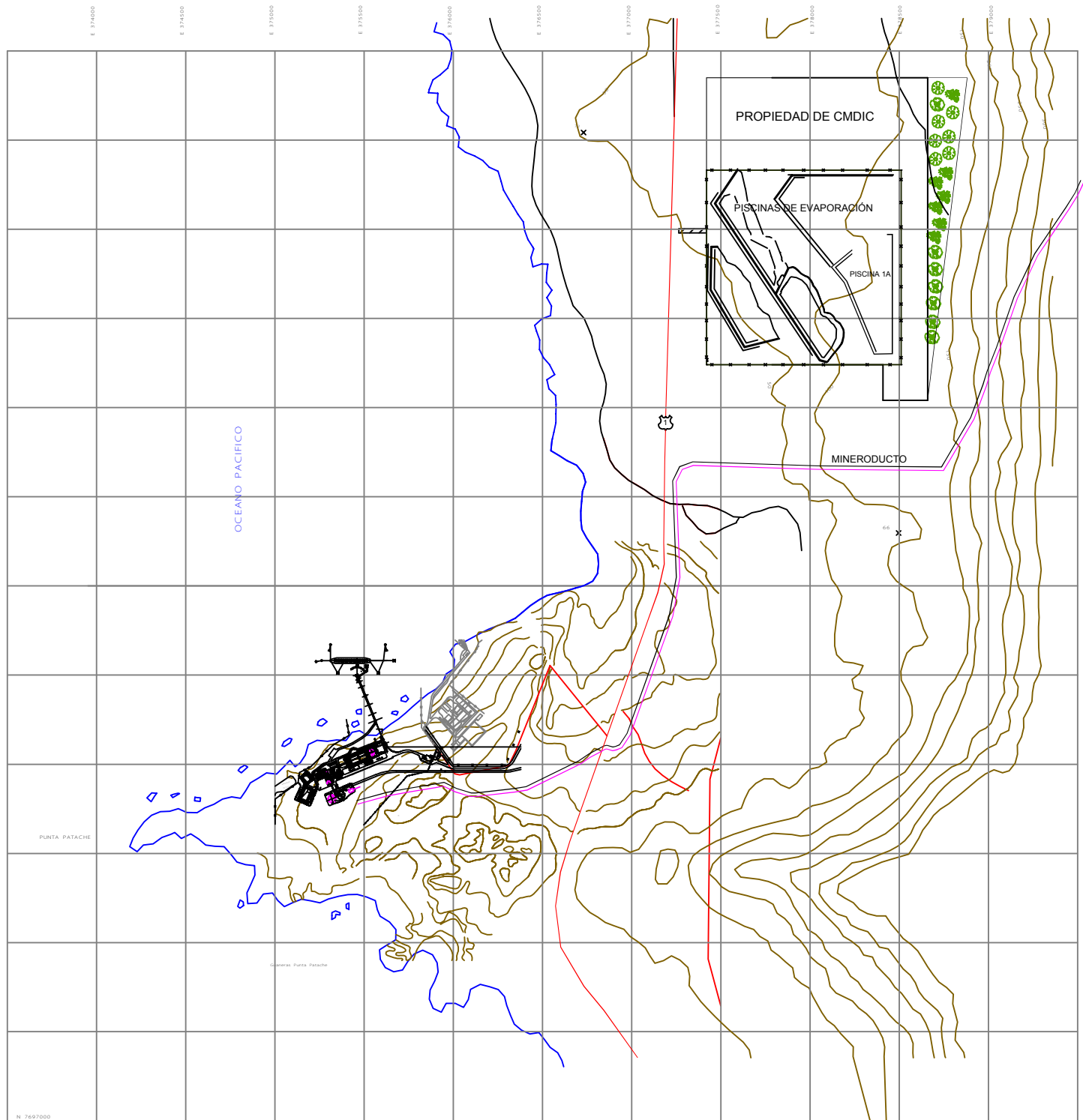


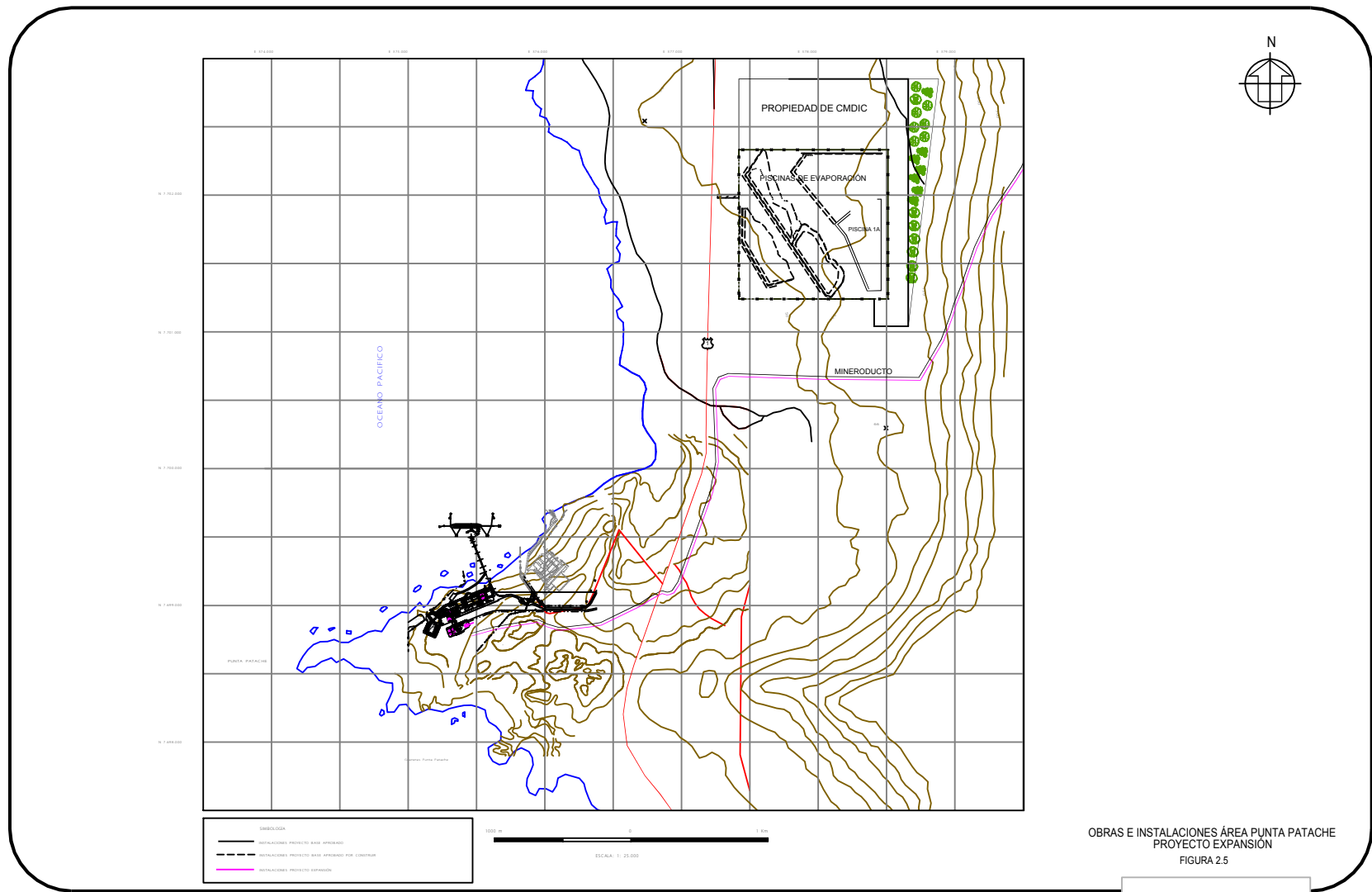


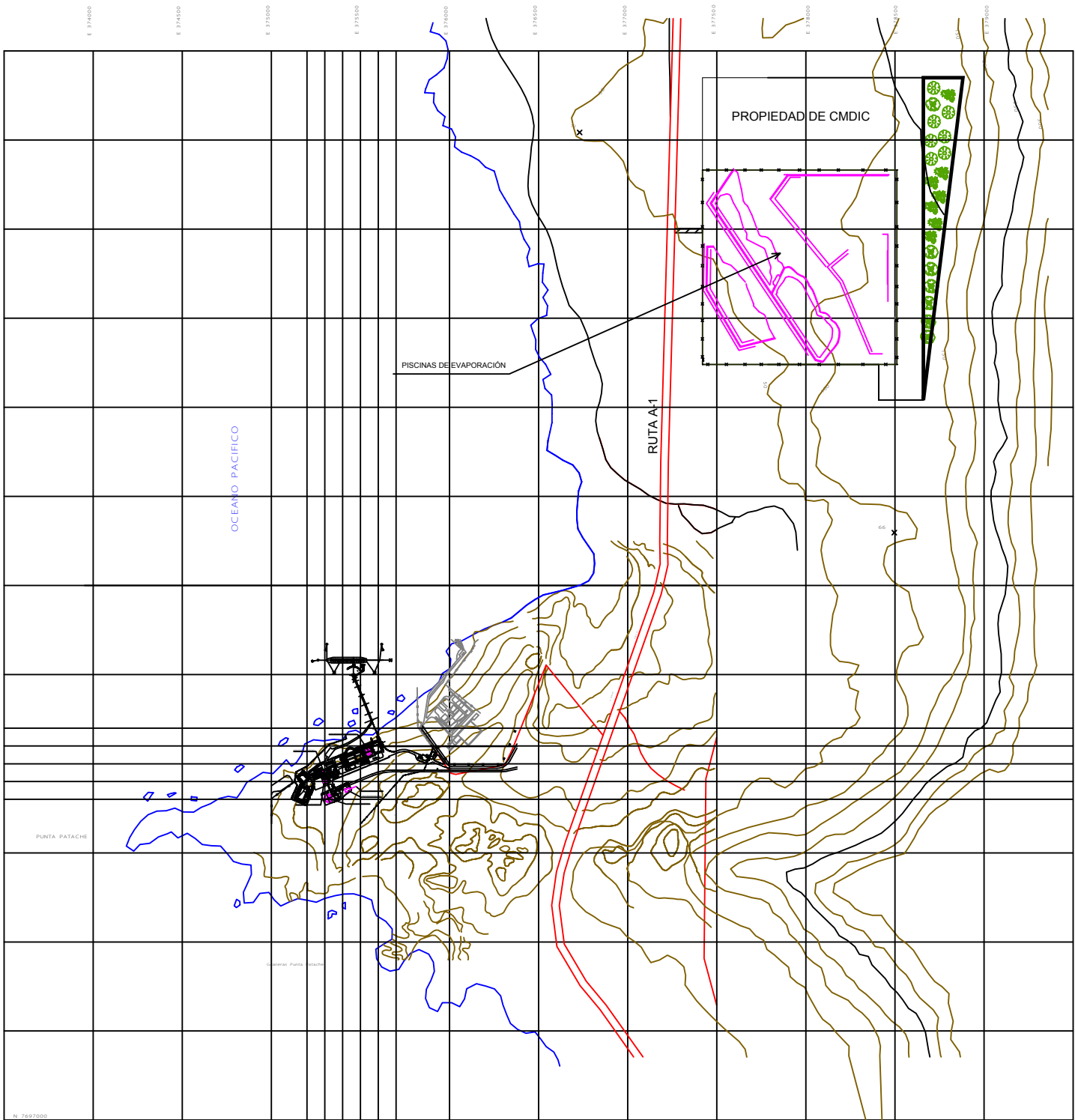


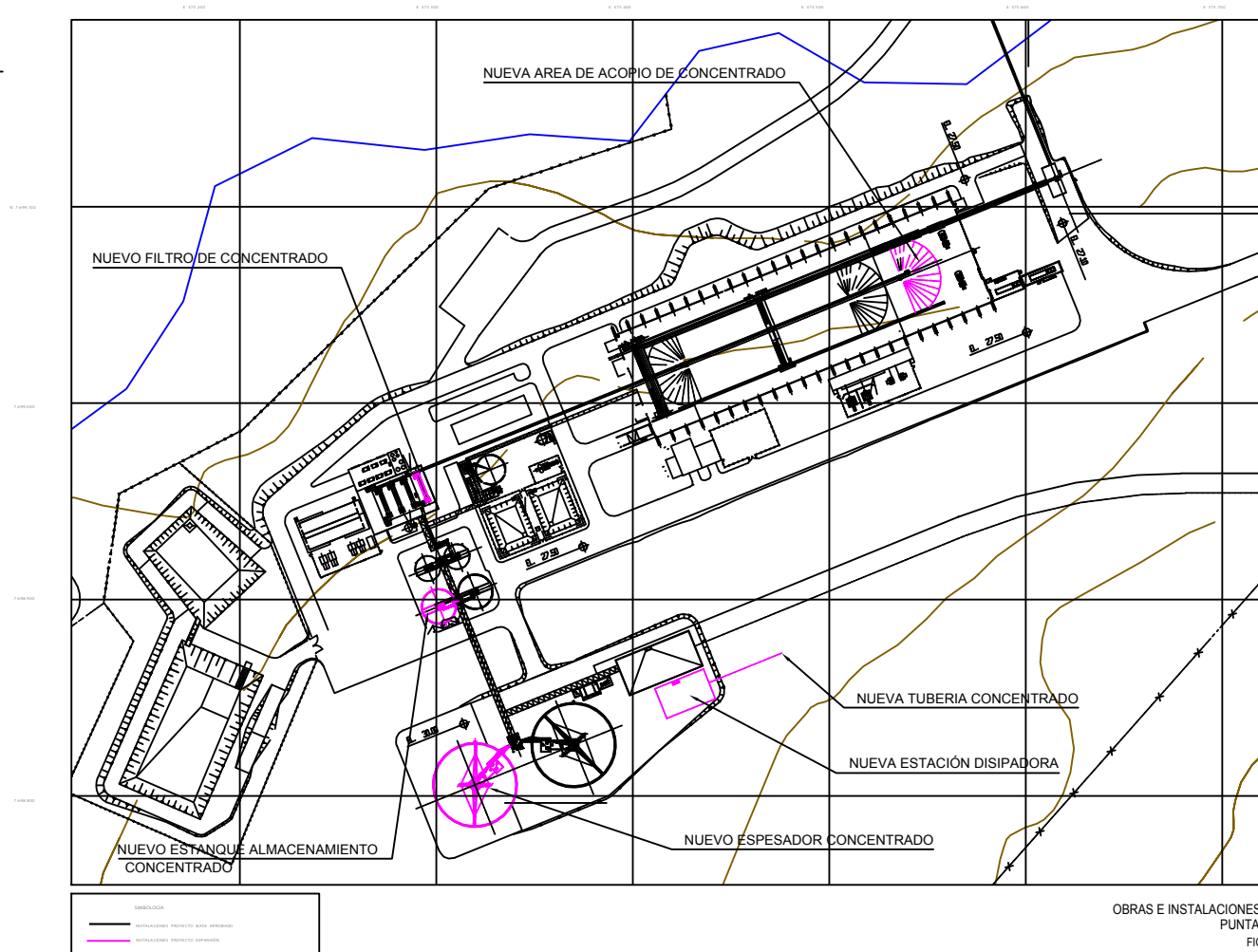
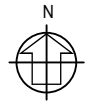




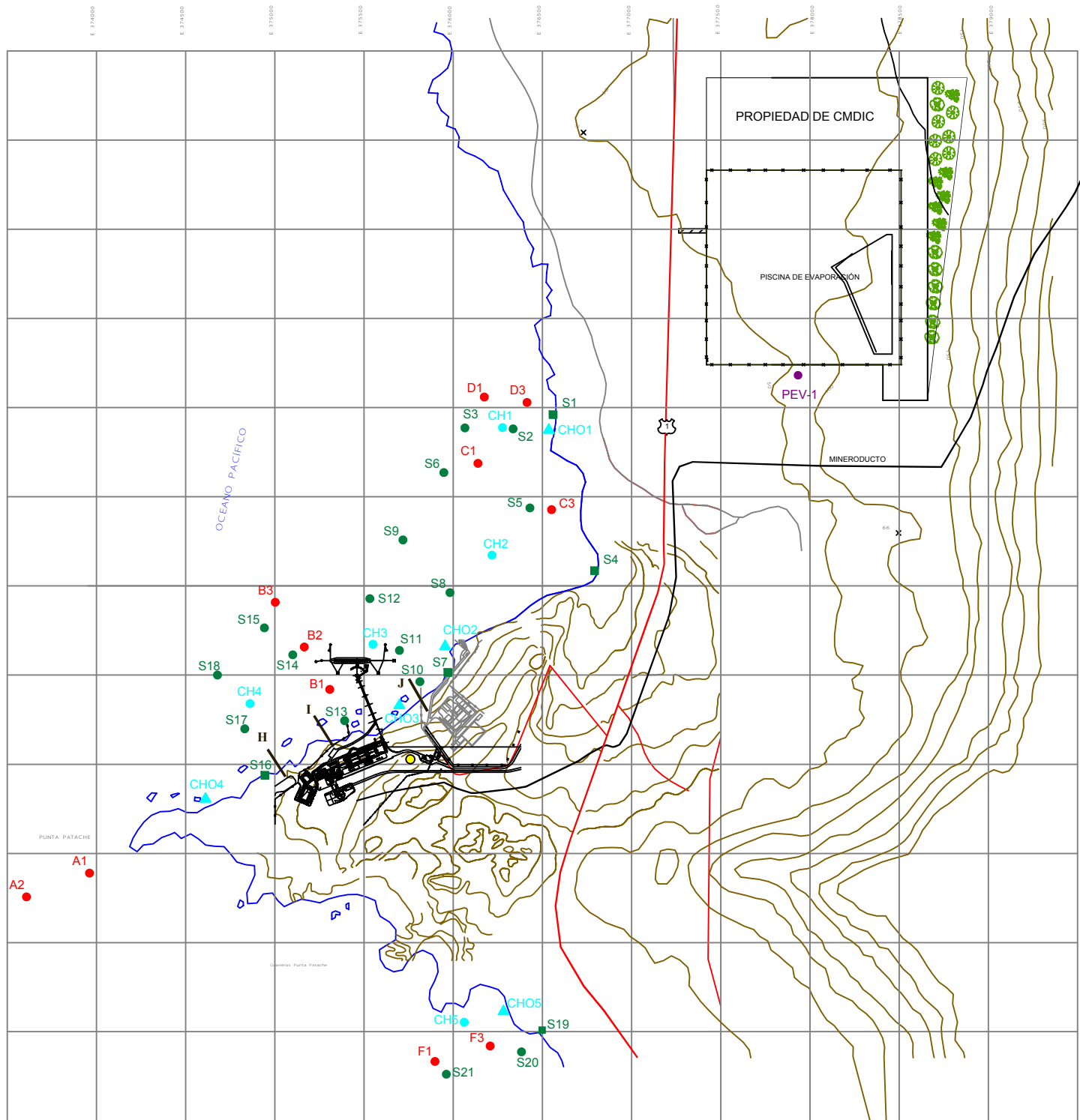


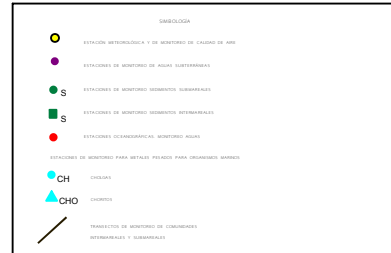
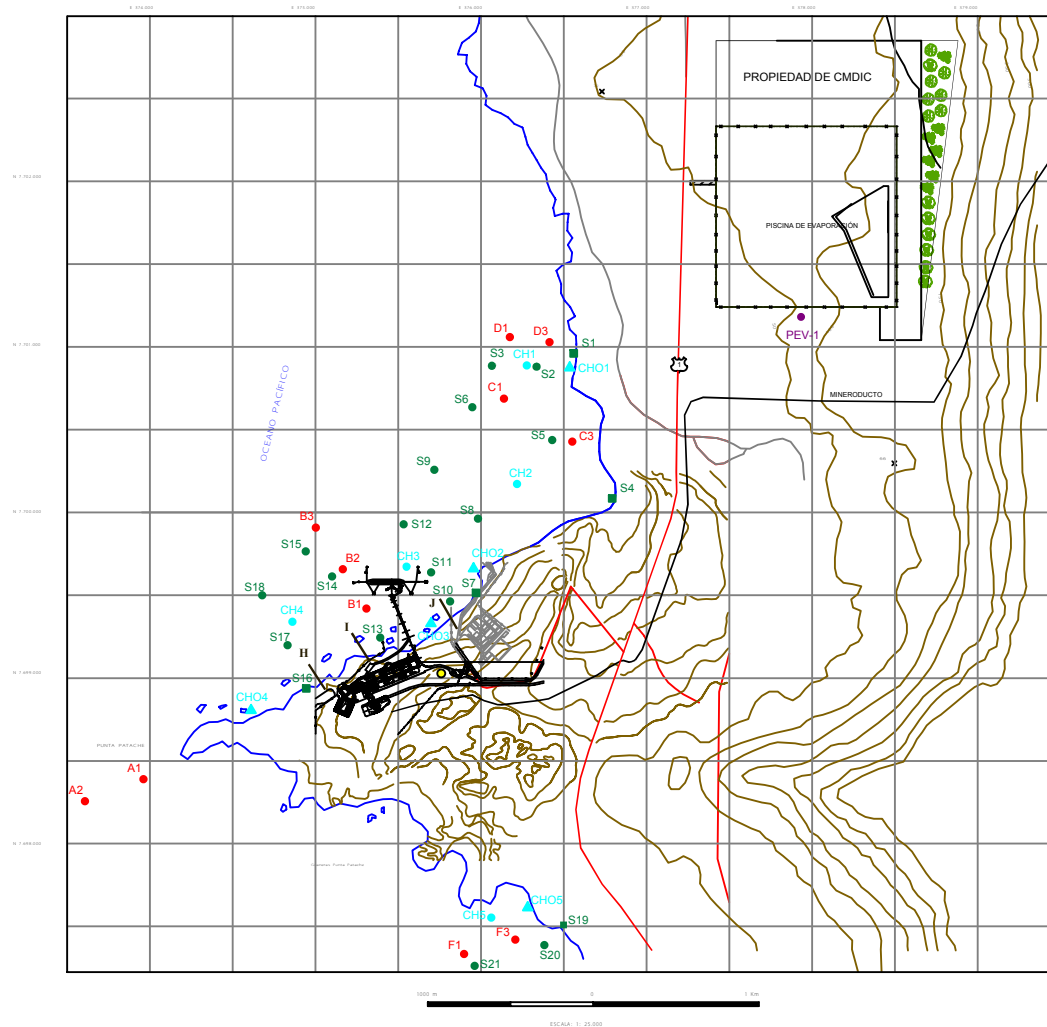




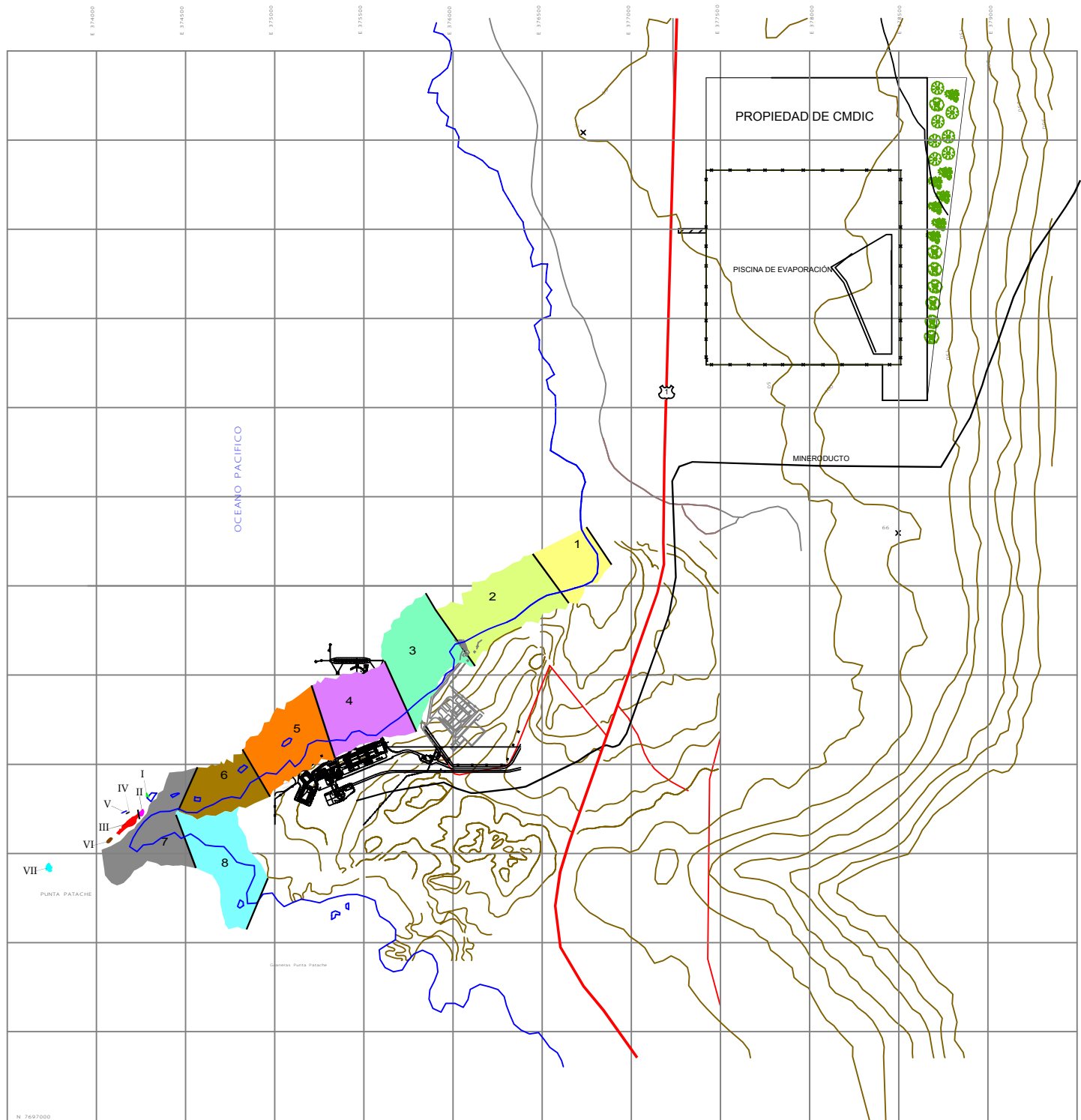


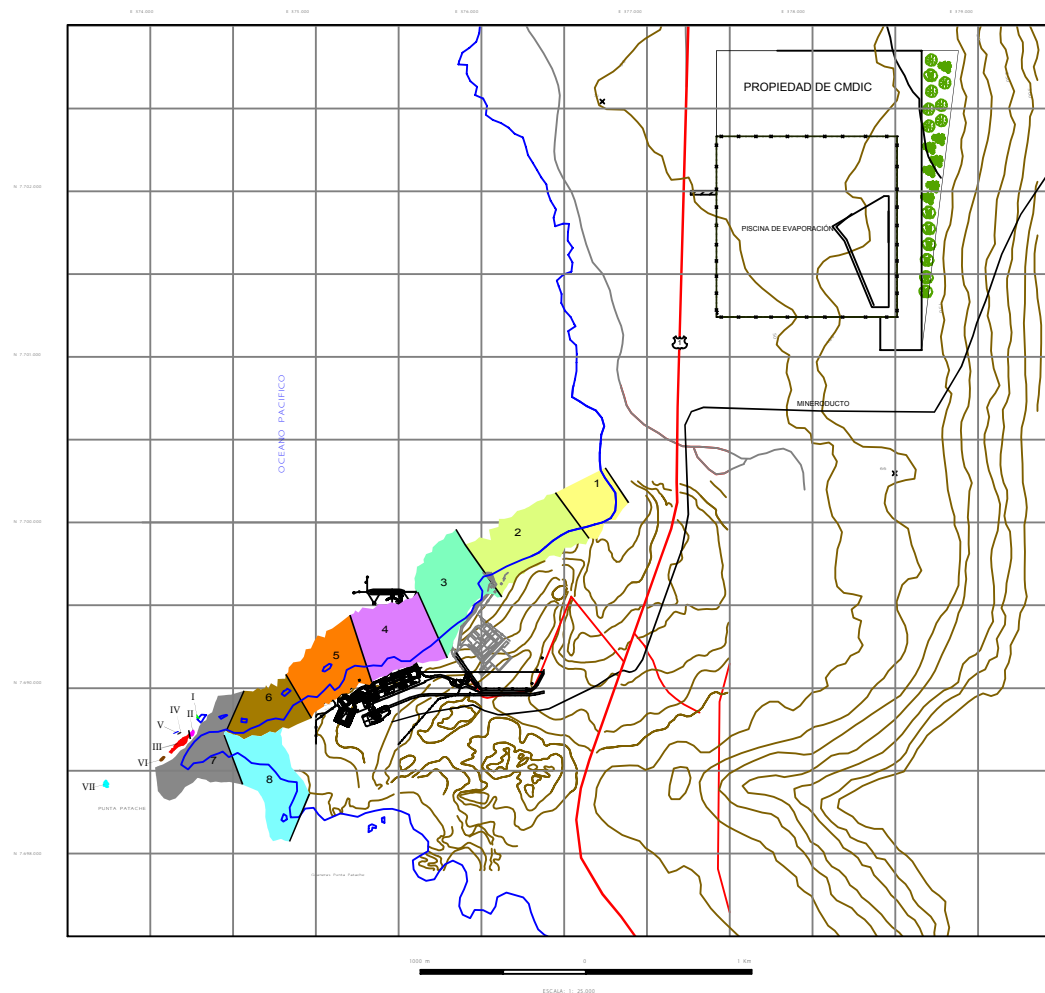
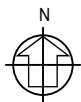
OBRAS E INSTALACIONES MANEJO DE CONCENTRADO
PUNTA PATACHE
FIGURA 2.6



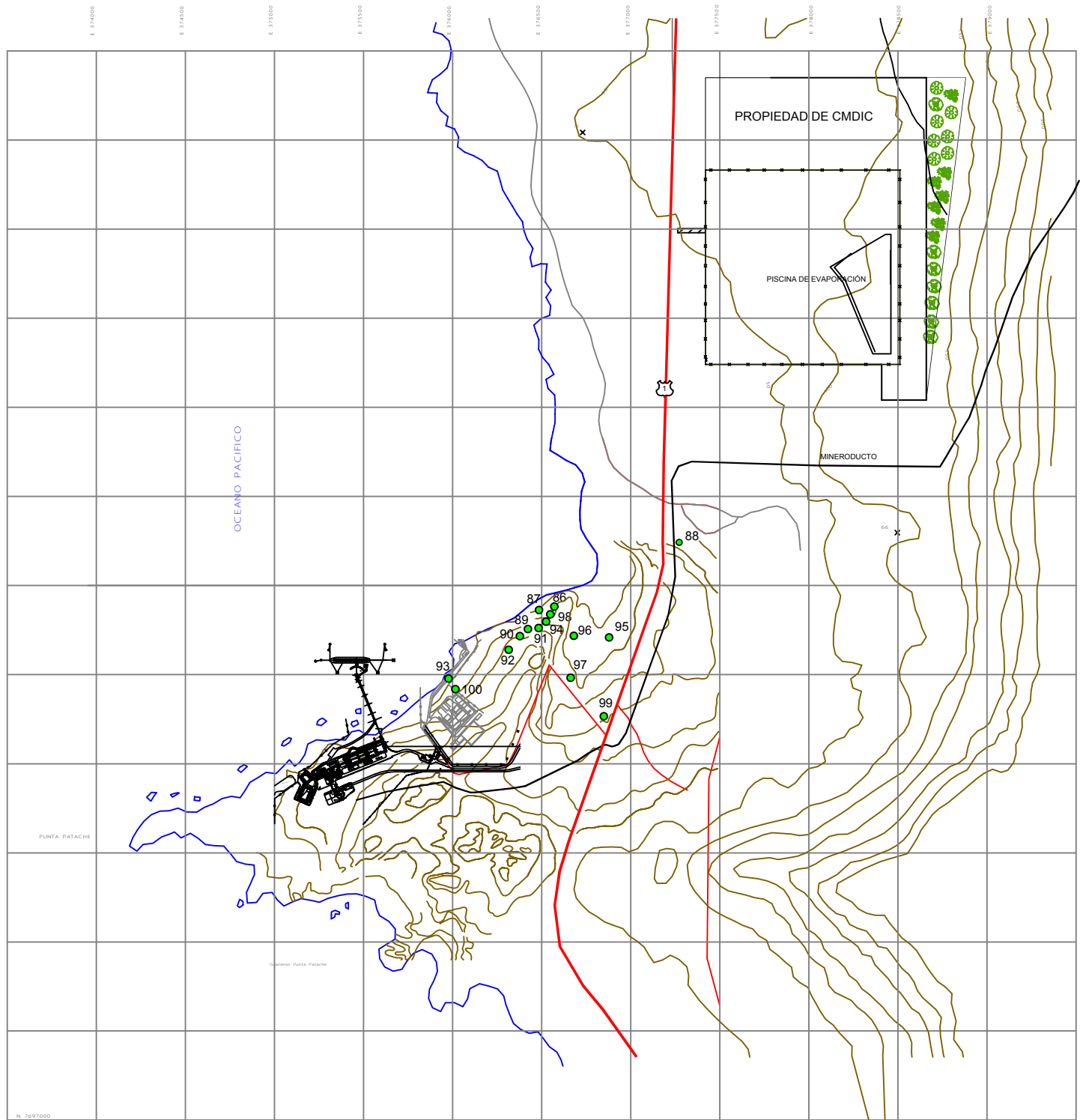


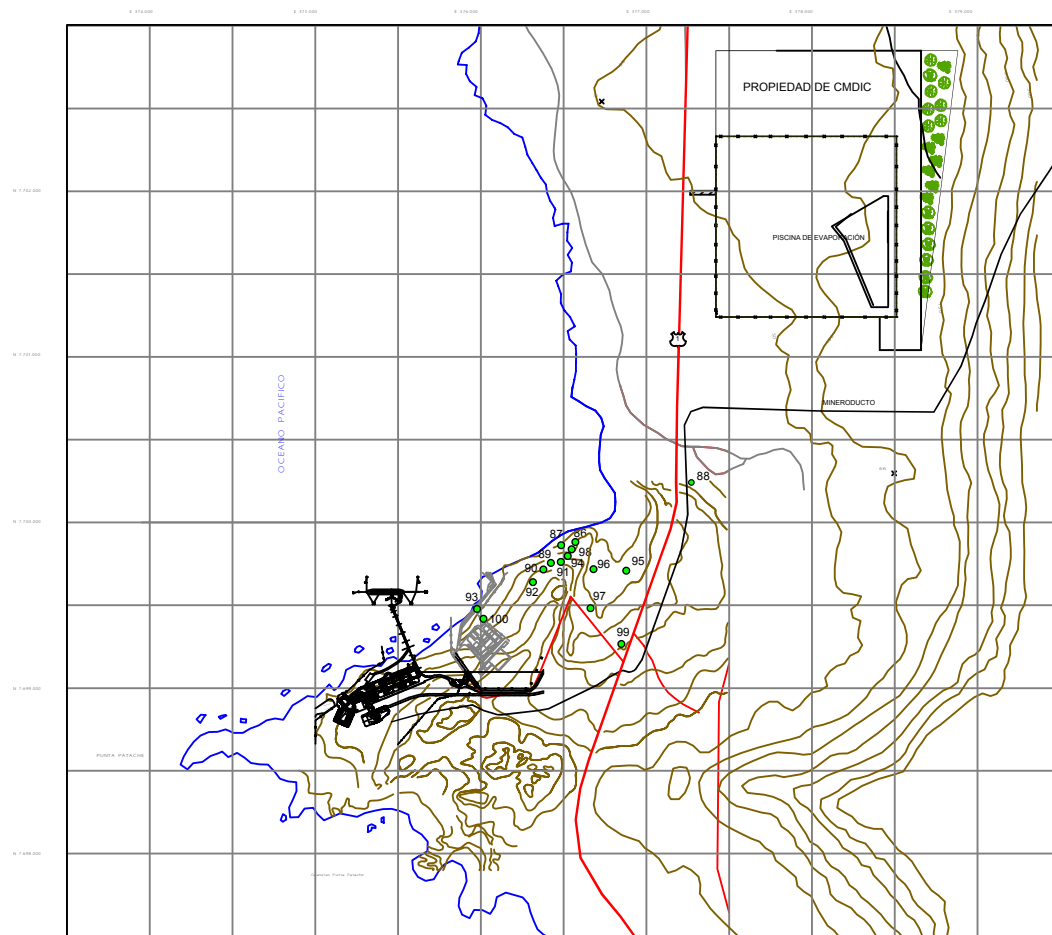
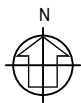
SITIOS DE MONITOREO
ÁREA PUNTA PATACHE
FIGURA 5.3-1





SECTORES MONITOREO FAUNA
AREA PUNTA PATACHE
FIGURA 5.3-11





SITIOS ARQUEOLÓGICOS
ÁREA PUNTA PATACHE
FIGURA 5.3-12