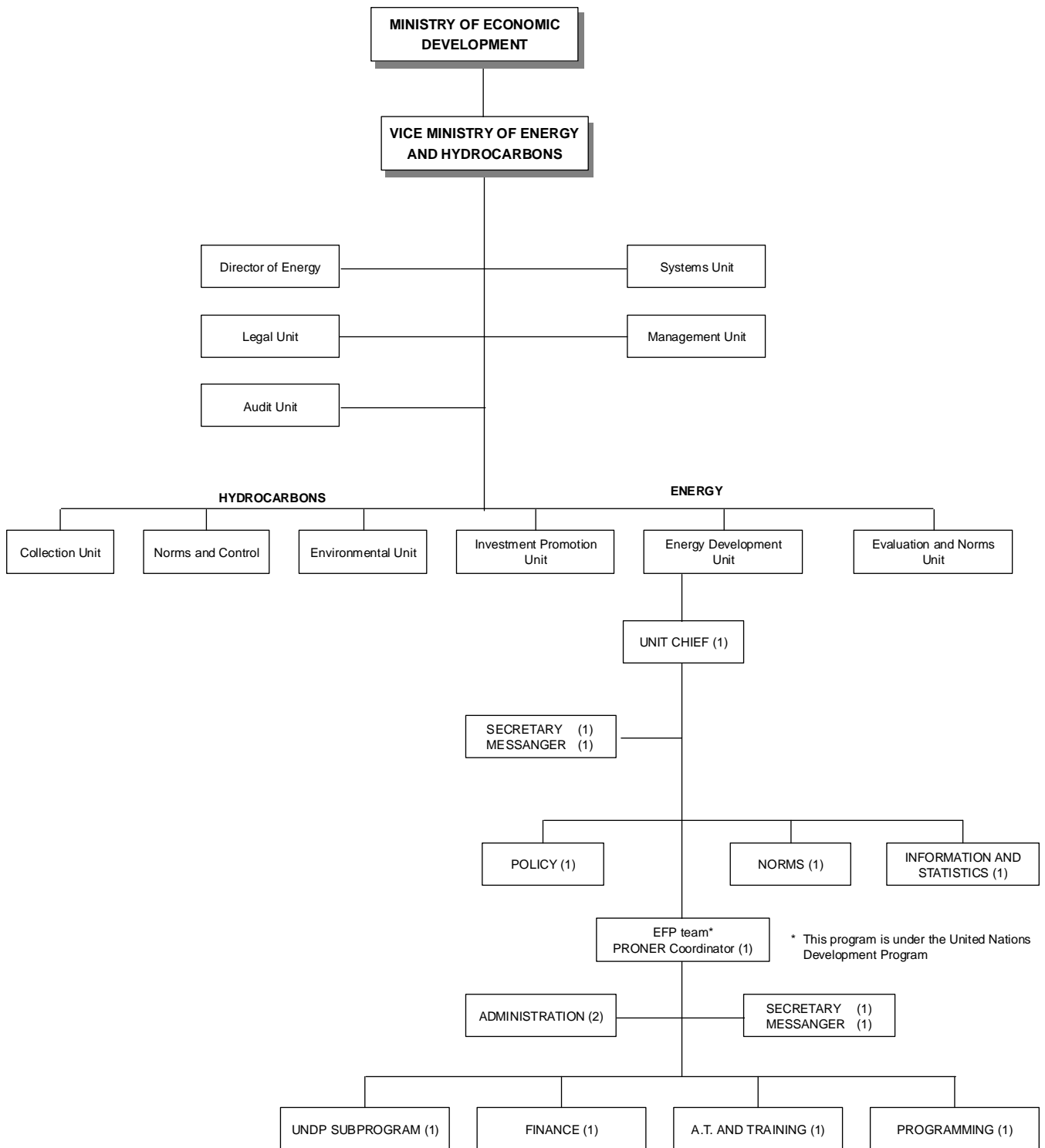


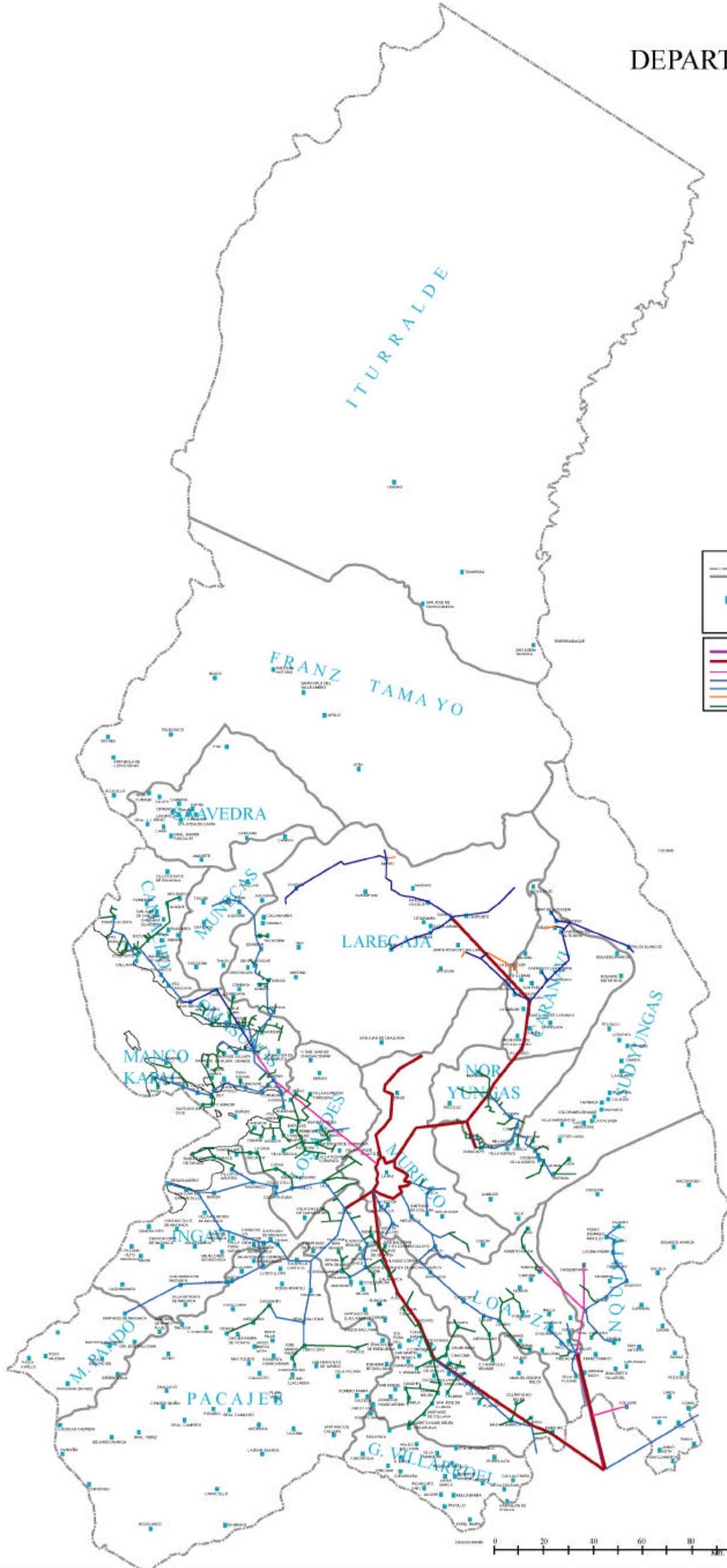
FIGURES



Source: VMEH

Figure 2.1 Organization Chart of Vice Ministry of Energy and Hydrocarbons (VMEH)

DEPARTAMENTO DE LA PAZ

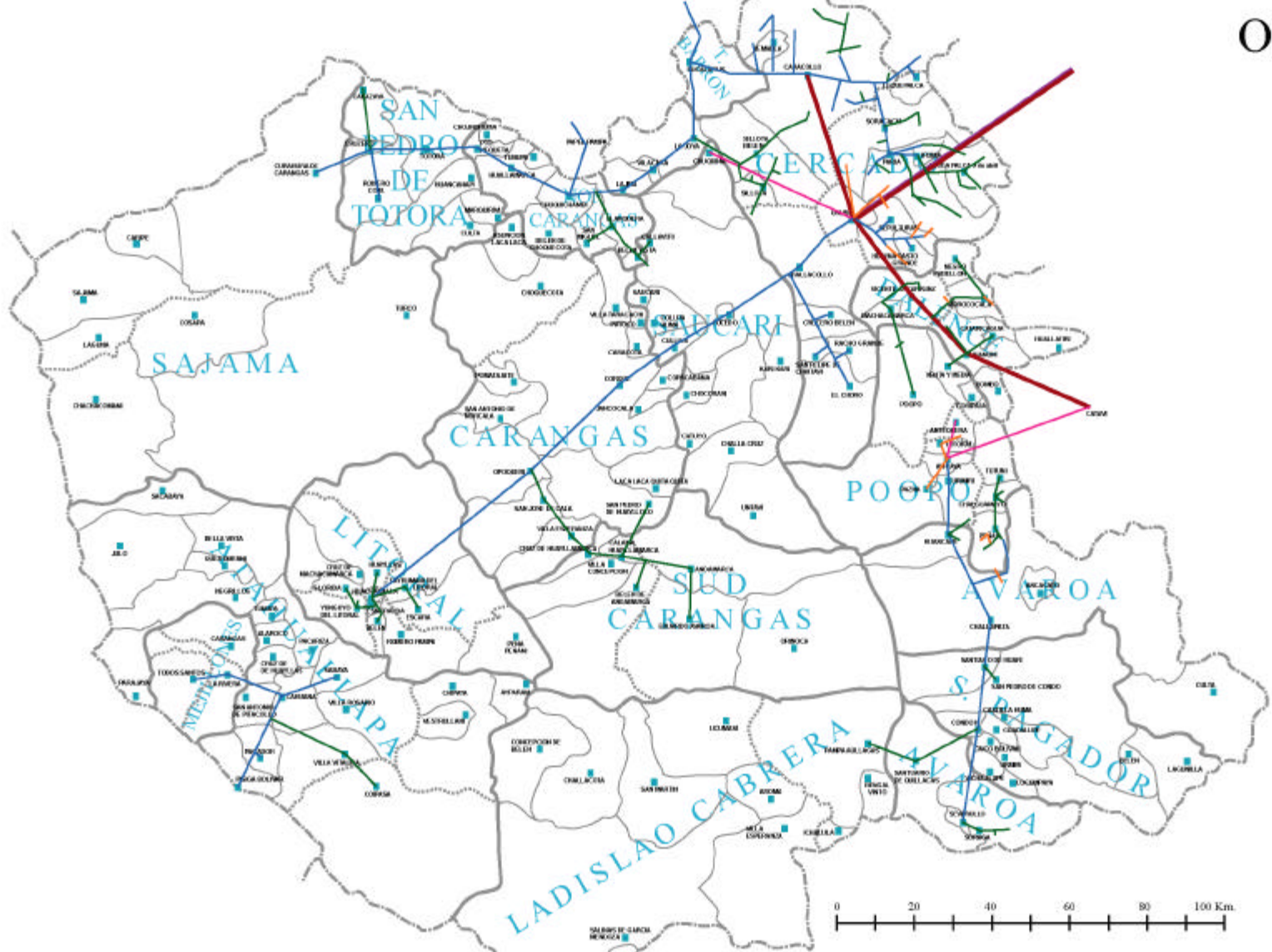


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Figure 4.1

Existing Transmission Line (La Paz)
(as of Early 2001)

DEPARTAMENTO DE ORURO



LEGENDA

--- Departamento
 --- Provincia
 --- Municipio
 --- Canton
 ■ Capital de Canton

LEGENDA de Línea de Transmisión
 --- TL 230kv (Dist. 2001)
 --- TL 115kv (Dist. 2001)
 --- TL 80kv (Dist. 2001)
 --- TL 34.5kv (Dist. 2001)
 --- TL 14.4 kv (Dist. 2001)
 --- TL 10kv (Dist. 2001)

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Figure 4.2
 Existing Transmission Line (Oruro)
 (as of Early 2001)

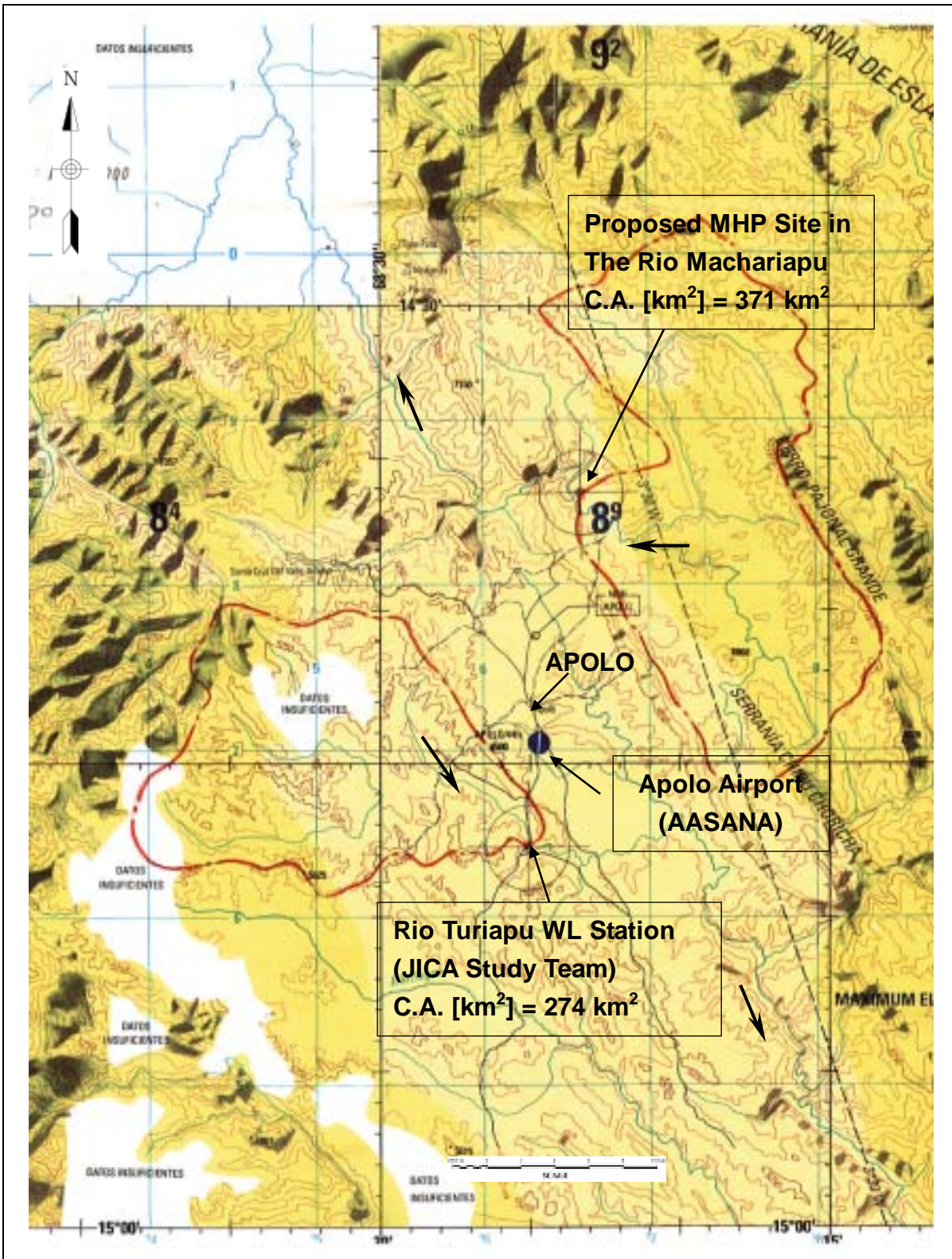
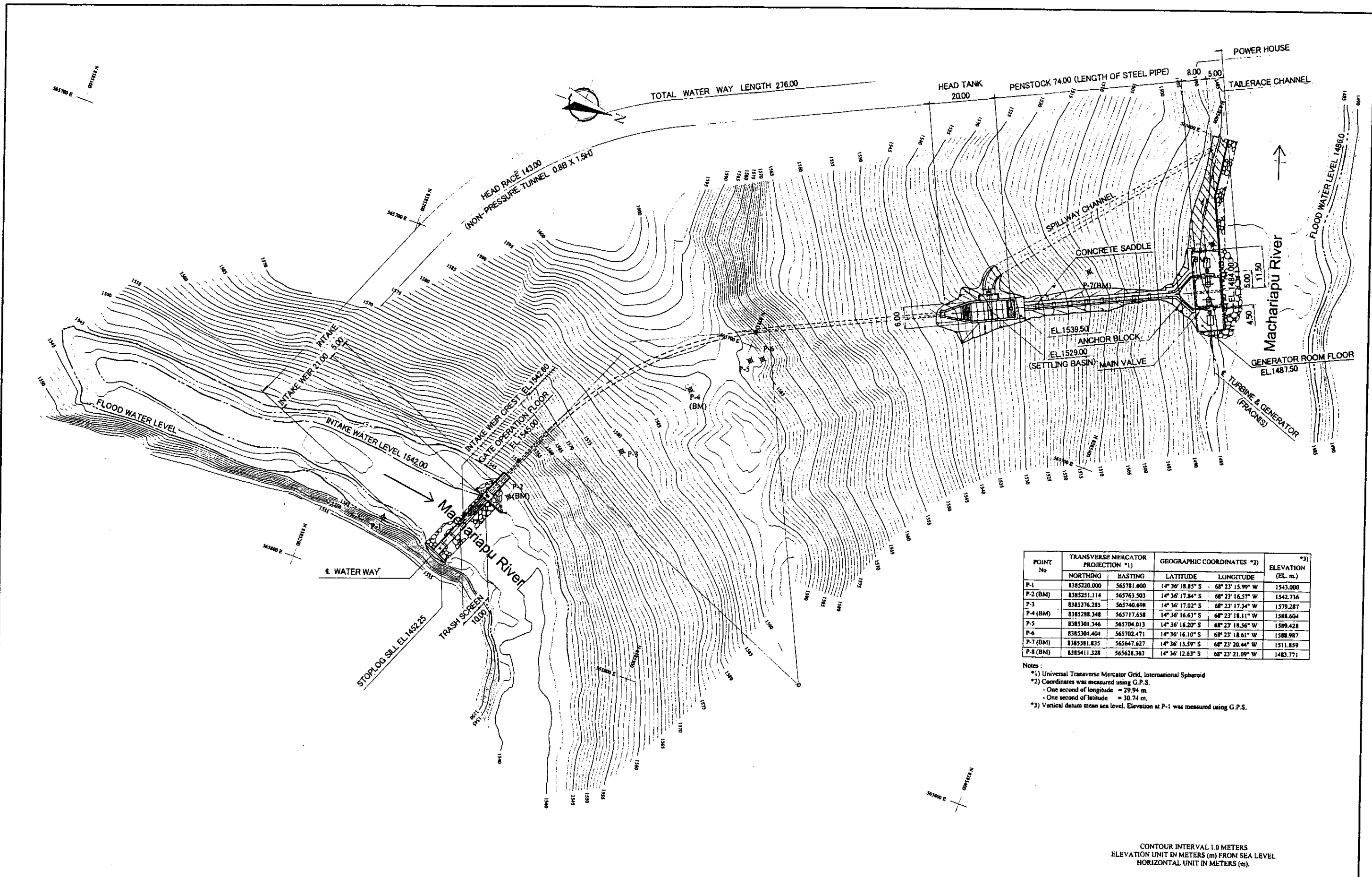


Figure 6.1 Catchment Area of the Turiapu River W.L. Station and Proposed MHP Intake Site at the Machariapu River in the Apolo



POINT No	TRANSVERSE MERCATOR PROJECTION *1)		GEOGRAPHIC COORDINATES *2)		ELEVATION (EL. m.) *3)
	NORTHING	EASTING	LATITUDE	LONGITUDE	
P-1	8385220.000	565781.000	14° 36' 18.83" S	68° 23' 15.99" W	1543.000
P-2 (BM)	8385251.114	565763.503	14° 36' 17.84" S	68° 23' 16.57" W	1542.736
P-3	8385276.285	565740.698	14° 36' 17.02" S	68° 23' 17.34" W	1579.287
P-4 (BM)	8385288.348	565717.658	14° 36' 16.63" S	68° 23' 18.11" W	1588.604
P-5	8385301.346	565704.013	14° 36' 16.20" S	68° 23' 18.56" W	1589.428
P-6	8385304.404	565702.471	14° 36' 16.10" S	68° 23' 18.61" W	1588.987
P-7 (BM)	8385381.835	565647.627	14° 36' 13.59" S	68° 23' 20.44" W	1511.859
P-8 (BM)	8385411.328	565628.363	14° 36' 12.63" S	68° 23' 21.09" W	1483.771

Notes:
 *1) Universal Transverse Mercator Grid, International Spheroid
 *2) Coordinates was measured using G.P.S.
 - One second of longitude = 29.94 m.
 - One second of latitude = 30.74 m.
 *3) Vertical datum mean sea level. Elevation at P-1 was measured using G.P.S.

CONTOUR INTERVAL 1.0 METERS
 ELEVATION UNIT IN METERS (m) FROM SEA LEVEL
 HORIZONTAL UNIT IN METERS (m).

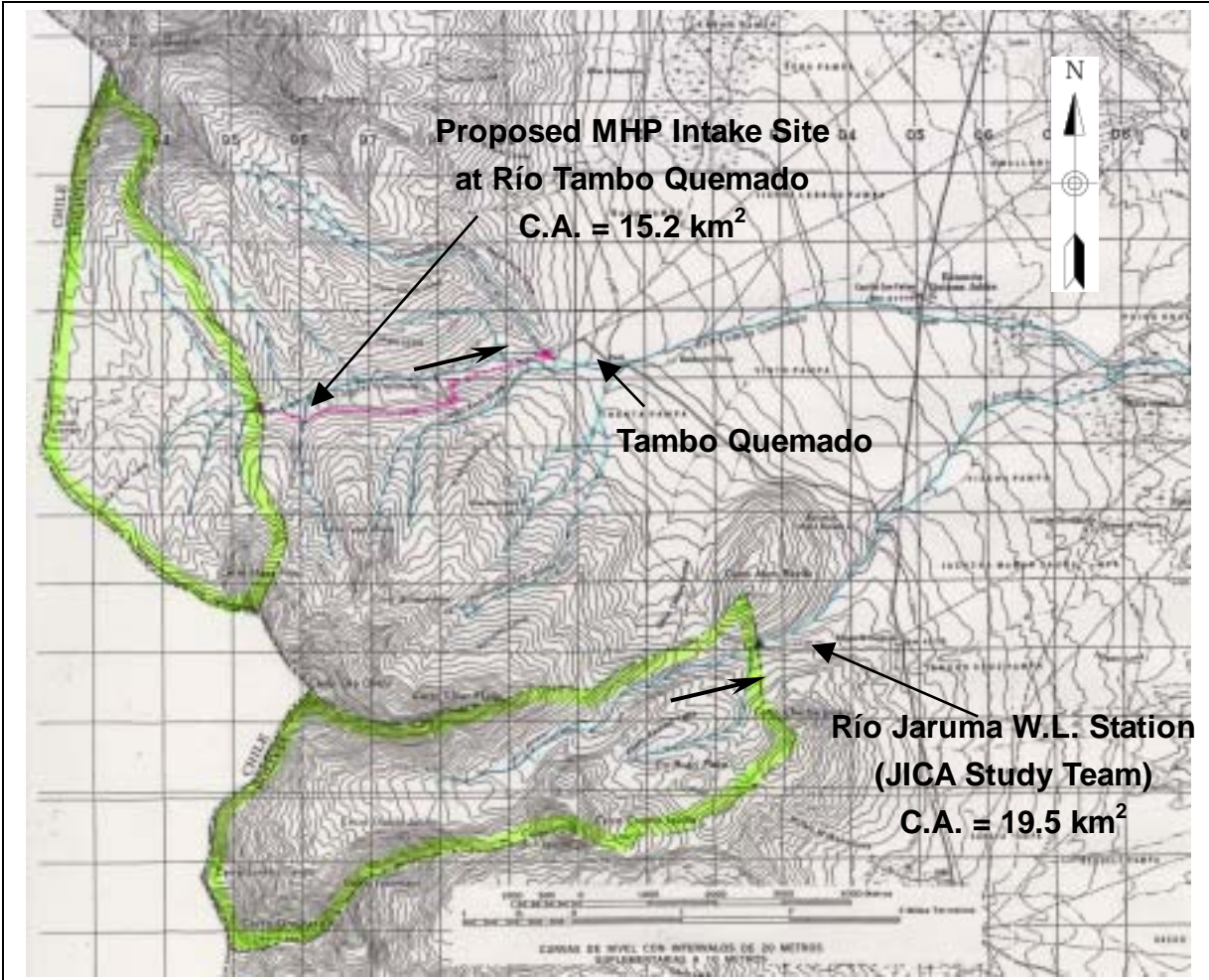
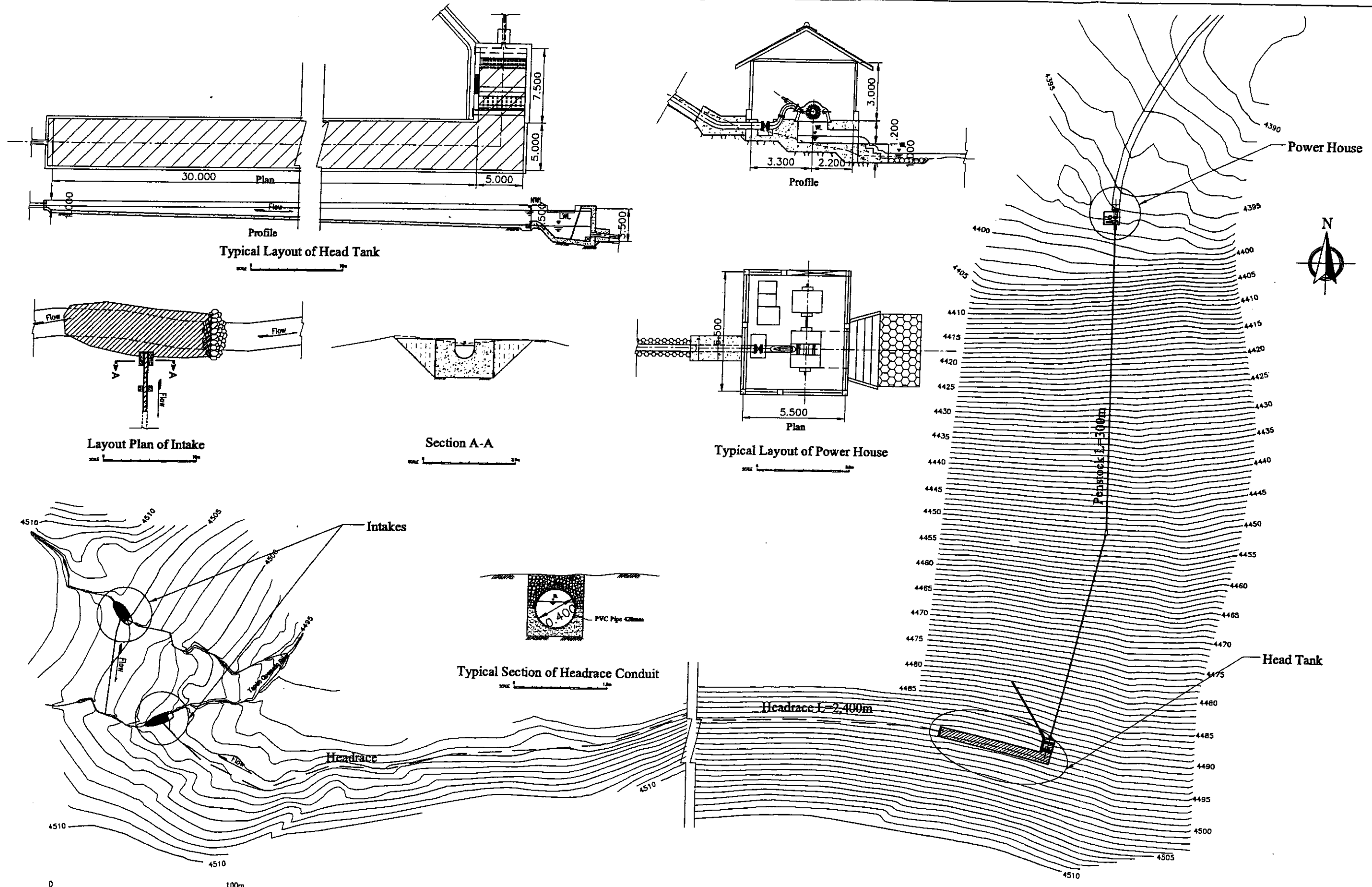


Figure 6.4 Catchment Area of the Jaruma River W.L. Station and Proposed MHP Intake Site at the Tambo Quemado



SCALE 0 100m

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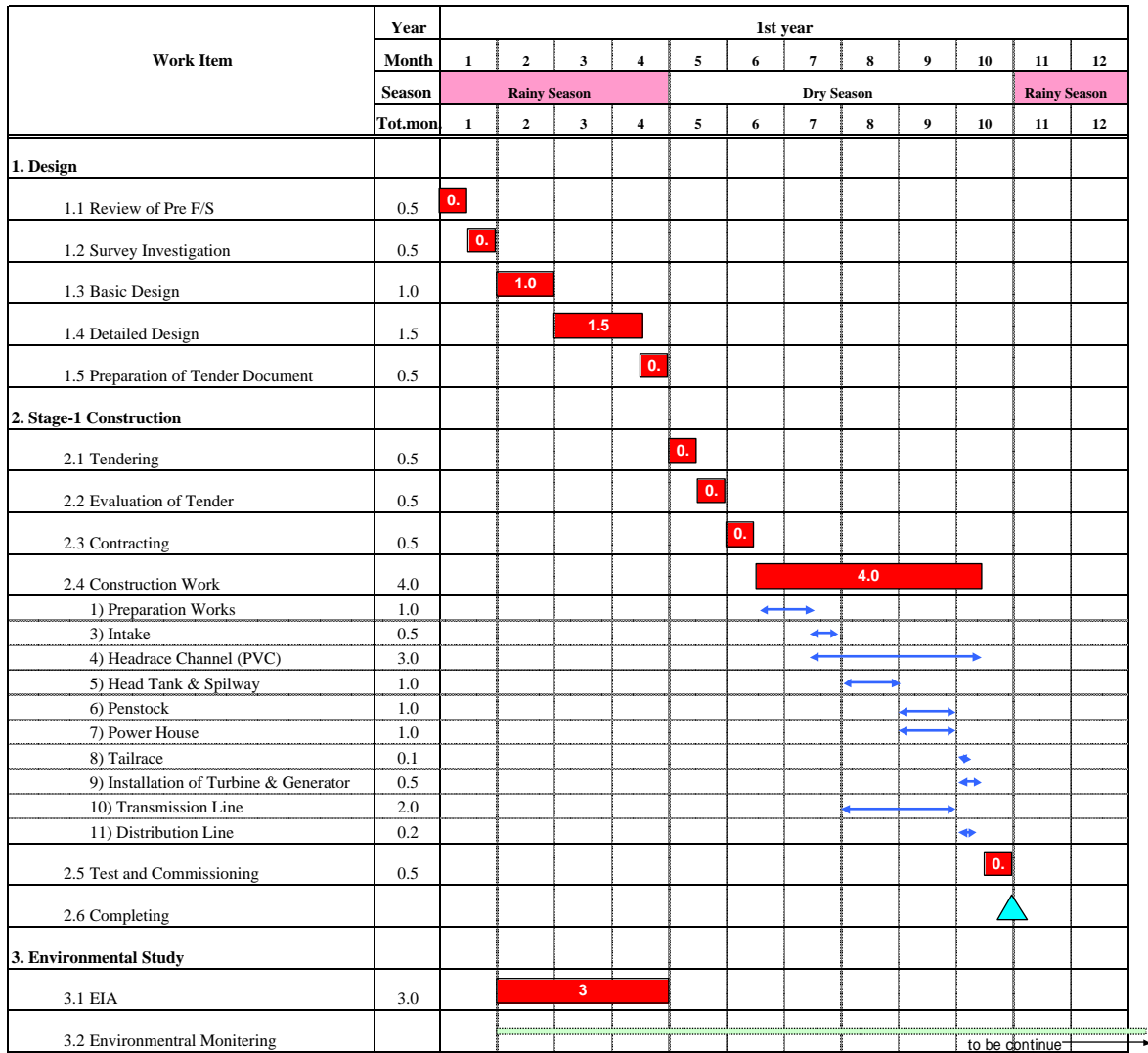
LOCATION:
TAMBO QUEMADO / SAJAMA PROVINCE
ORURO DEPARTAMENT

Figure 6.5
Layout Plan of Tambo Quemado MHP

SCALE:
H = 1 : 2000

DATE:
February- 2001

SHEET:



JICA Study Team

Figure 6.6 Proposed Implementation Schedule for Tambo Quemado Micro-Hydro Power Project