

FIGURES

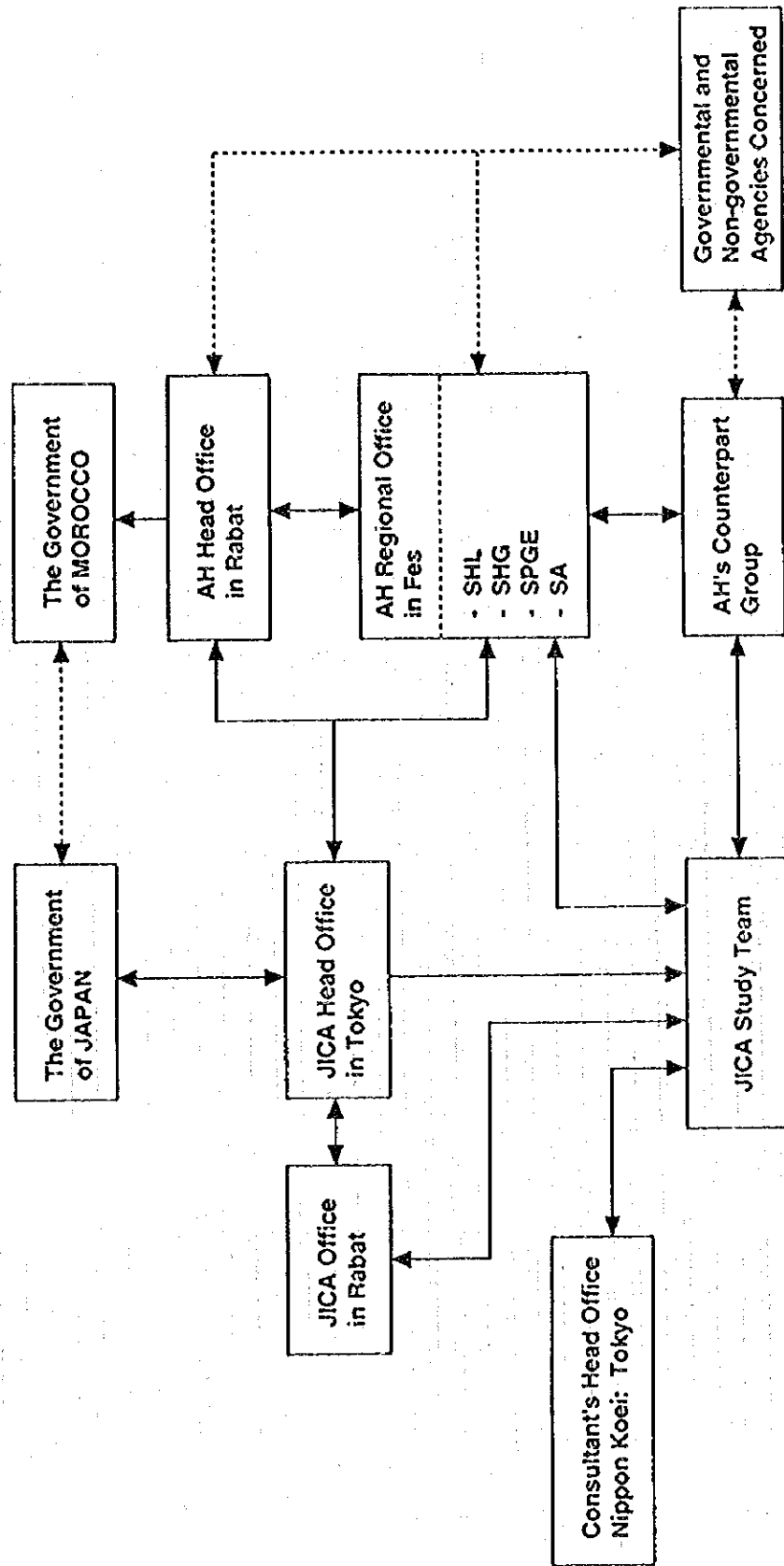


Figure 1.1 Organisation Generale du Travail

Source : The Integrated Master Plan on Water Resources Development in the Sebou, Bou Regreg and Oum Er Rbia Basins, 1992, AH

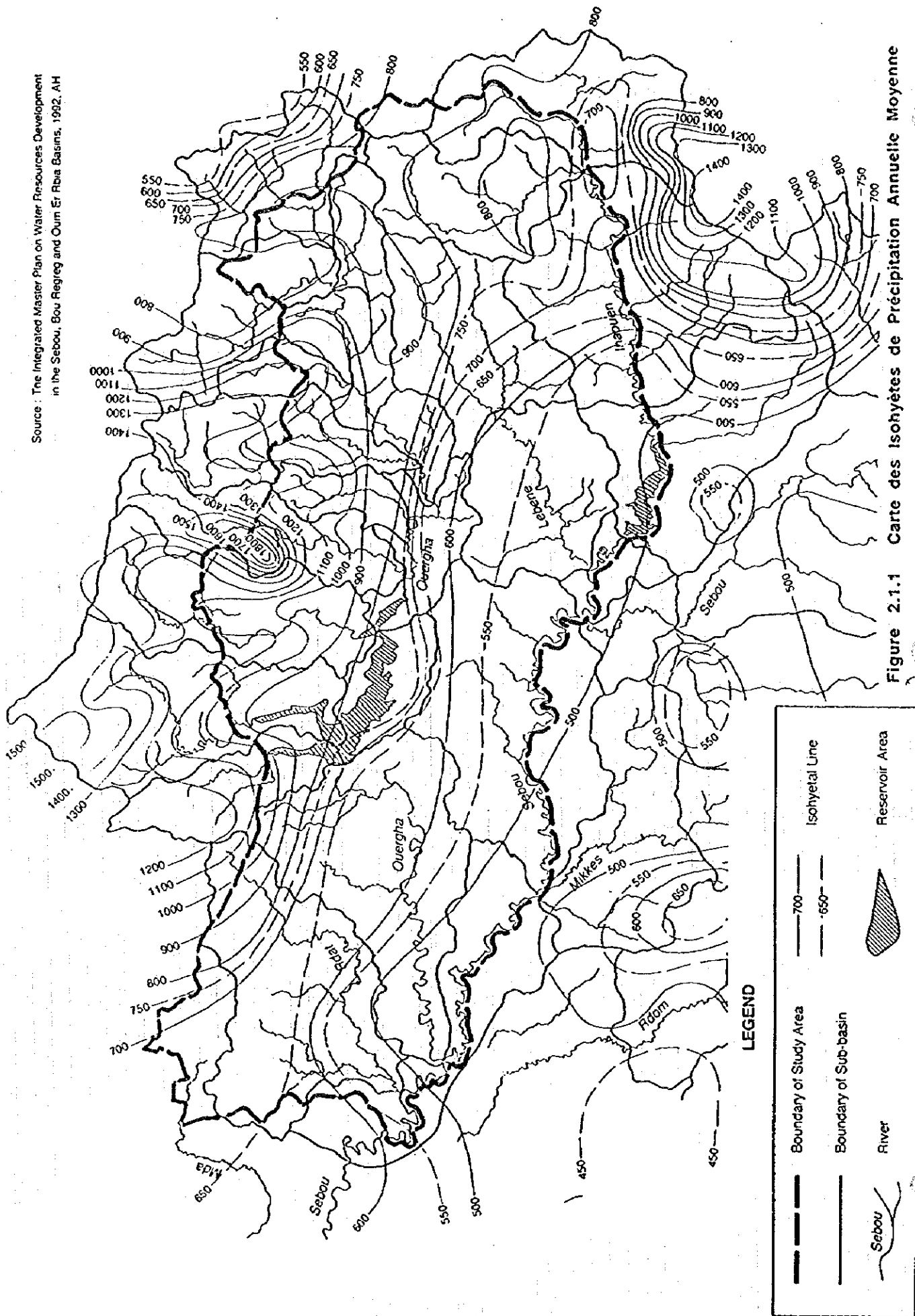


Figure 2.1.1 Carte des Isohyètes de Précipitation Annuelle Moyenne

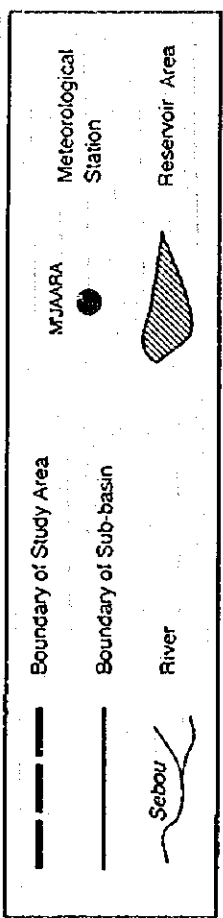
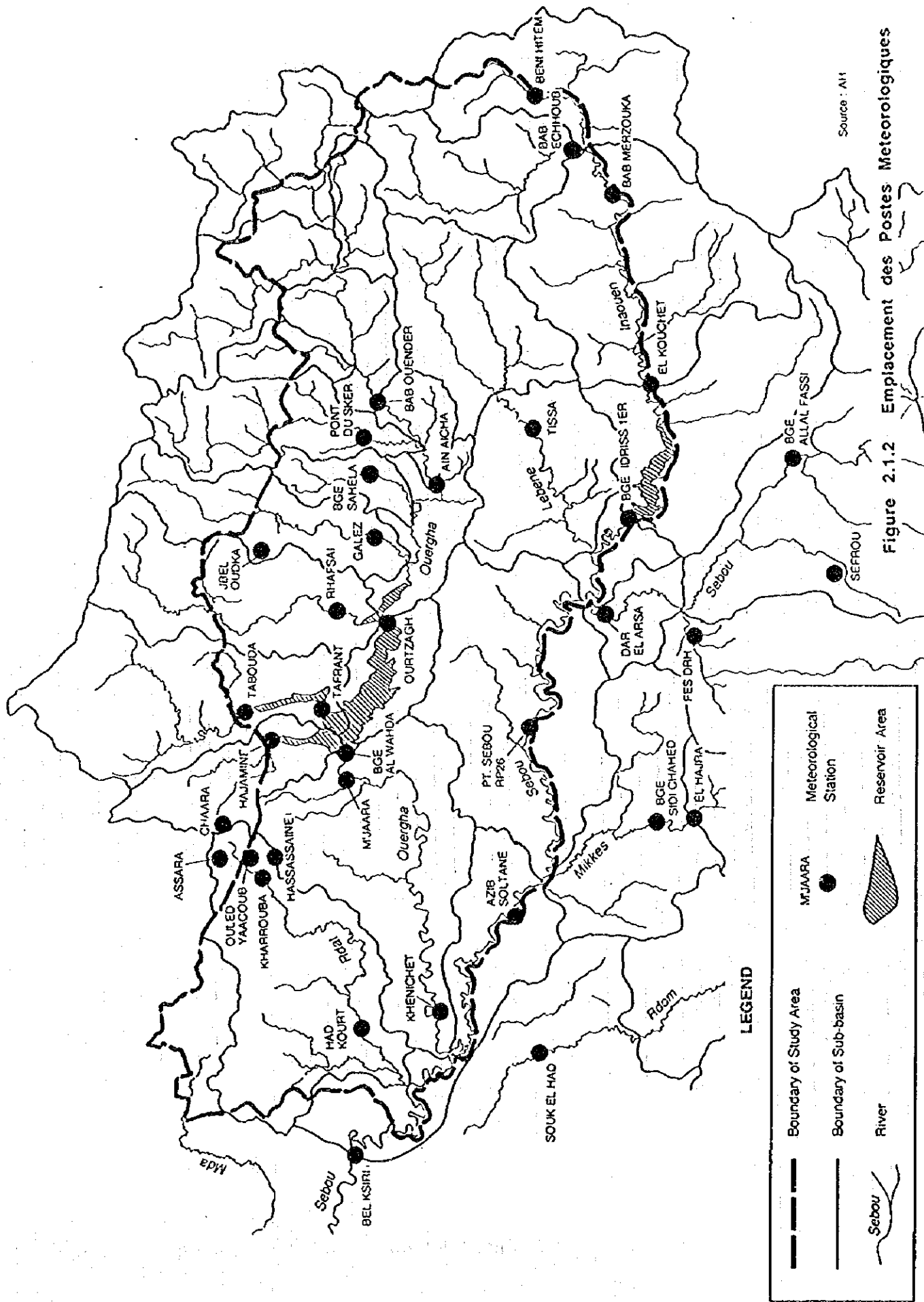
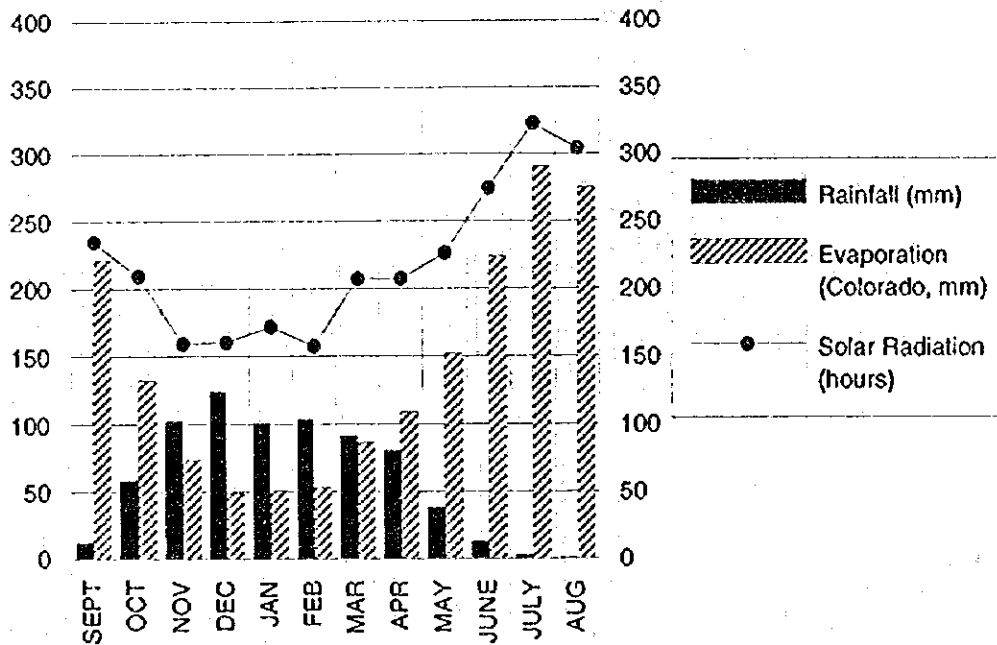


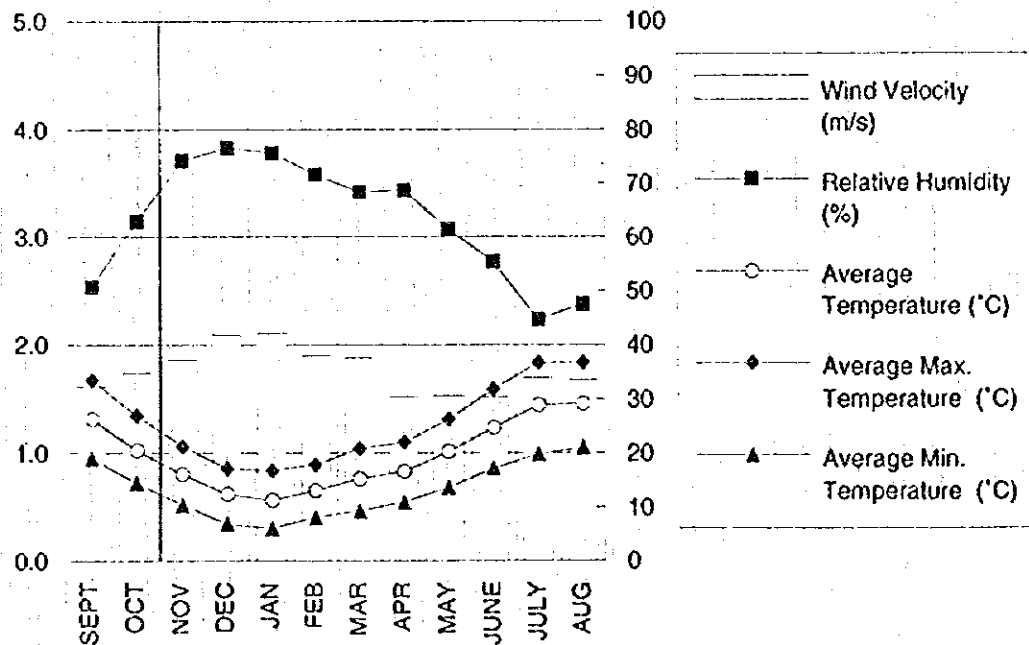
Figure 2.1.2 Emplacement des Postes Meteorologiques

Source : AIT

6200 OURTZAGH



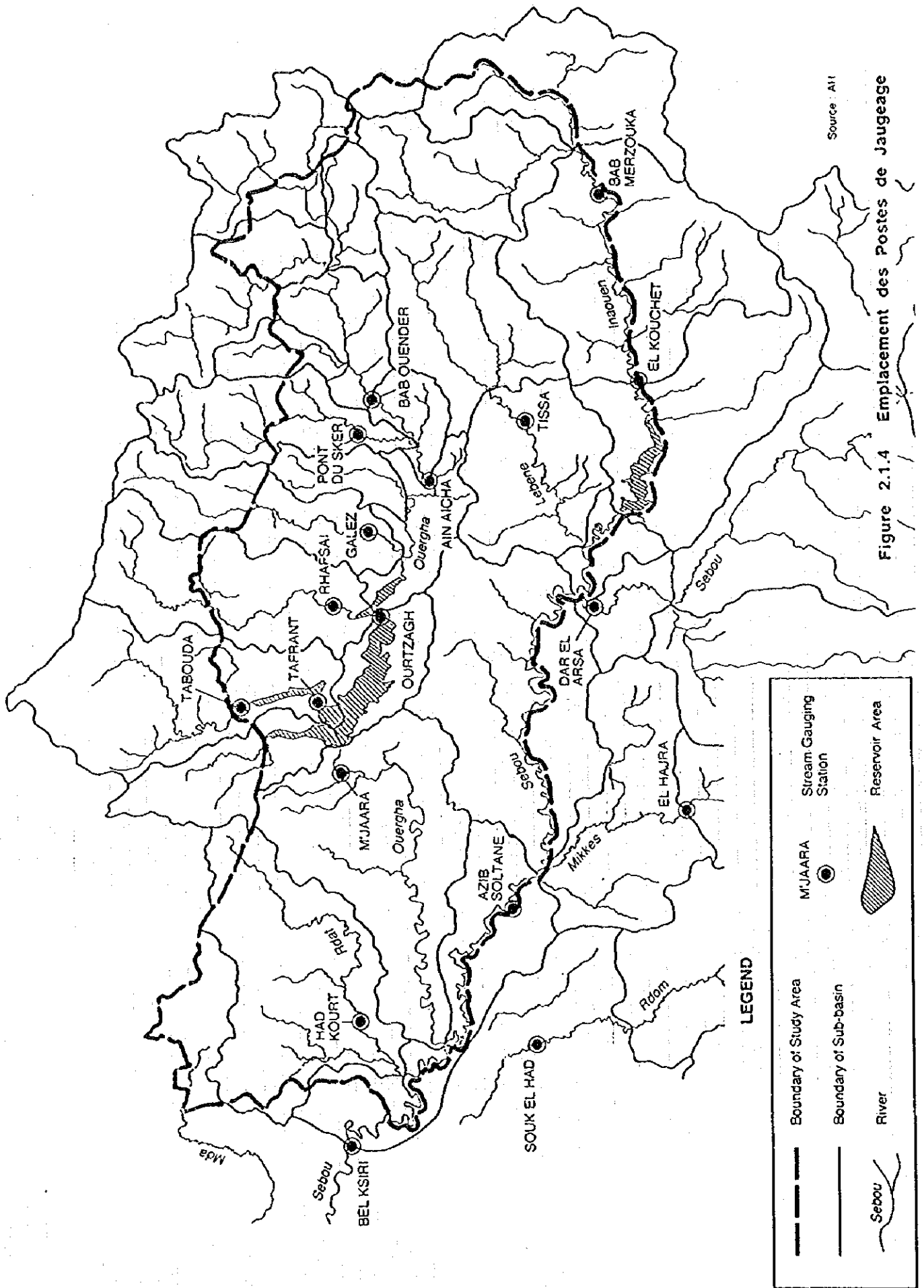
6200 OURTZAGH



Note : Solar radiation records are quoted from the station Oulad Yaacoub (No. 6153).

Source : AH

Figure 2.1.3 Paramètres Climatologiques Relatifs à la Station de Ourtzagh



Source : AIT

Figure 2.1.4 Emplacement des Postes de Jaugeage

Flow Duration Curve

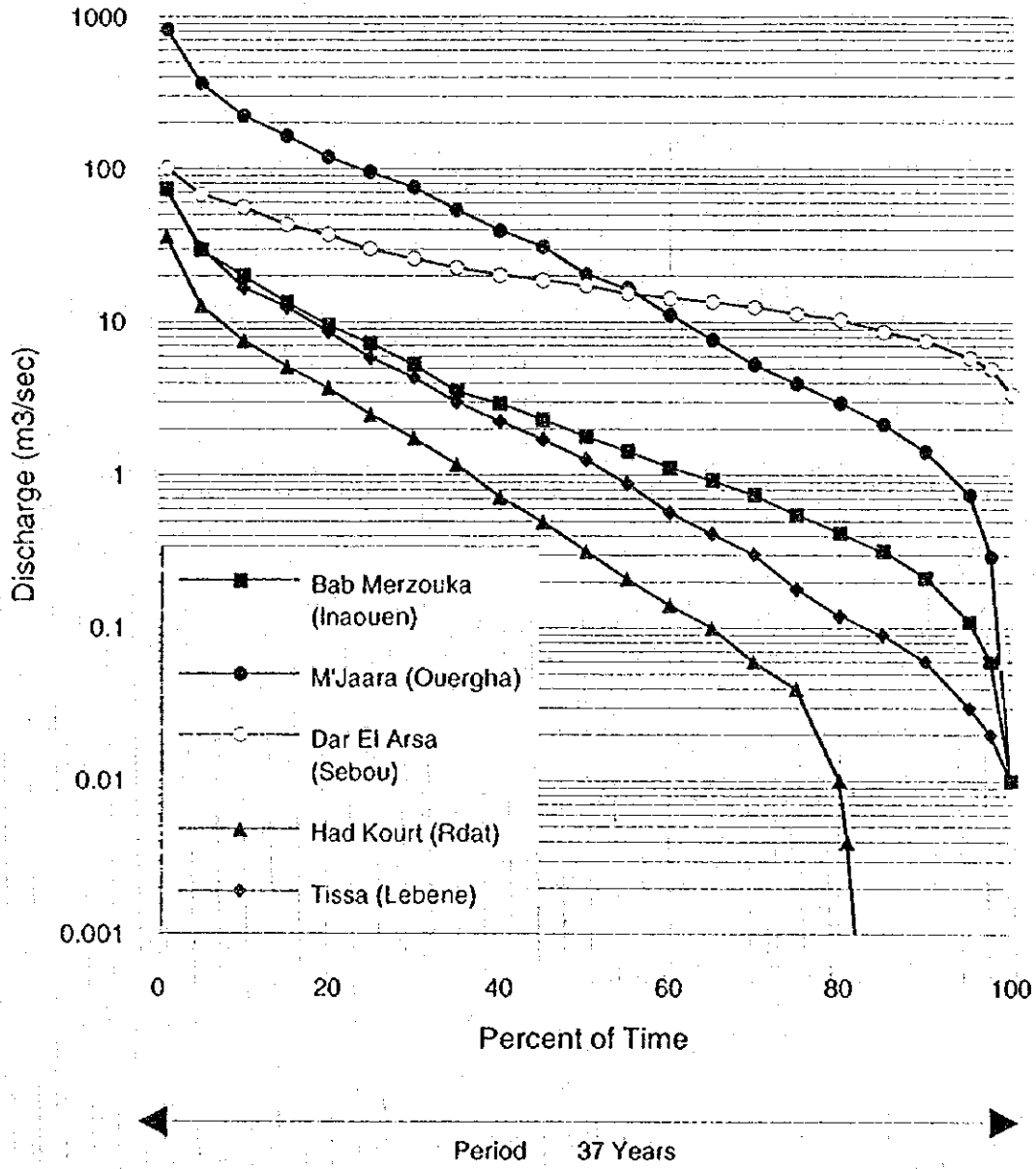


Figure 2.1.5 Courbe Débit-Fréquence

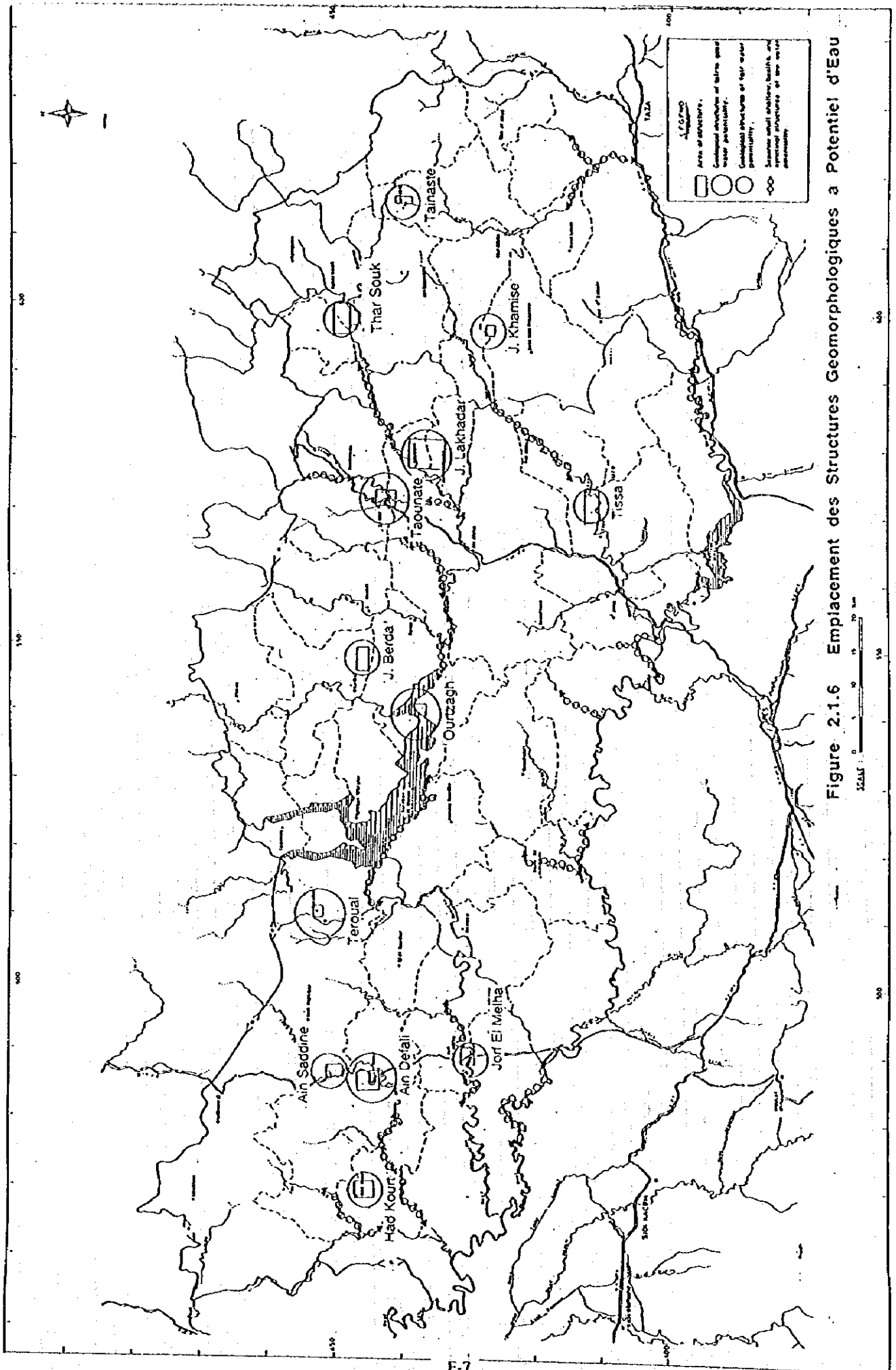


Figure 2.1.6 Emplacement des Structures Geomorphologiques a Potentiel d'Eau

SOURCE : The Integrated Master Plan on Water Resource Development in the Sebou, Bou Regreg and Oum Er Rbia Basins, 1992, AH

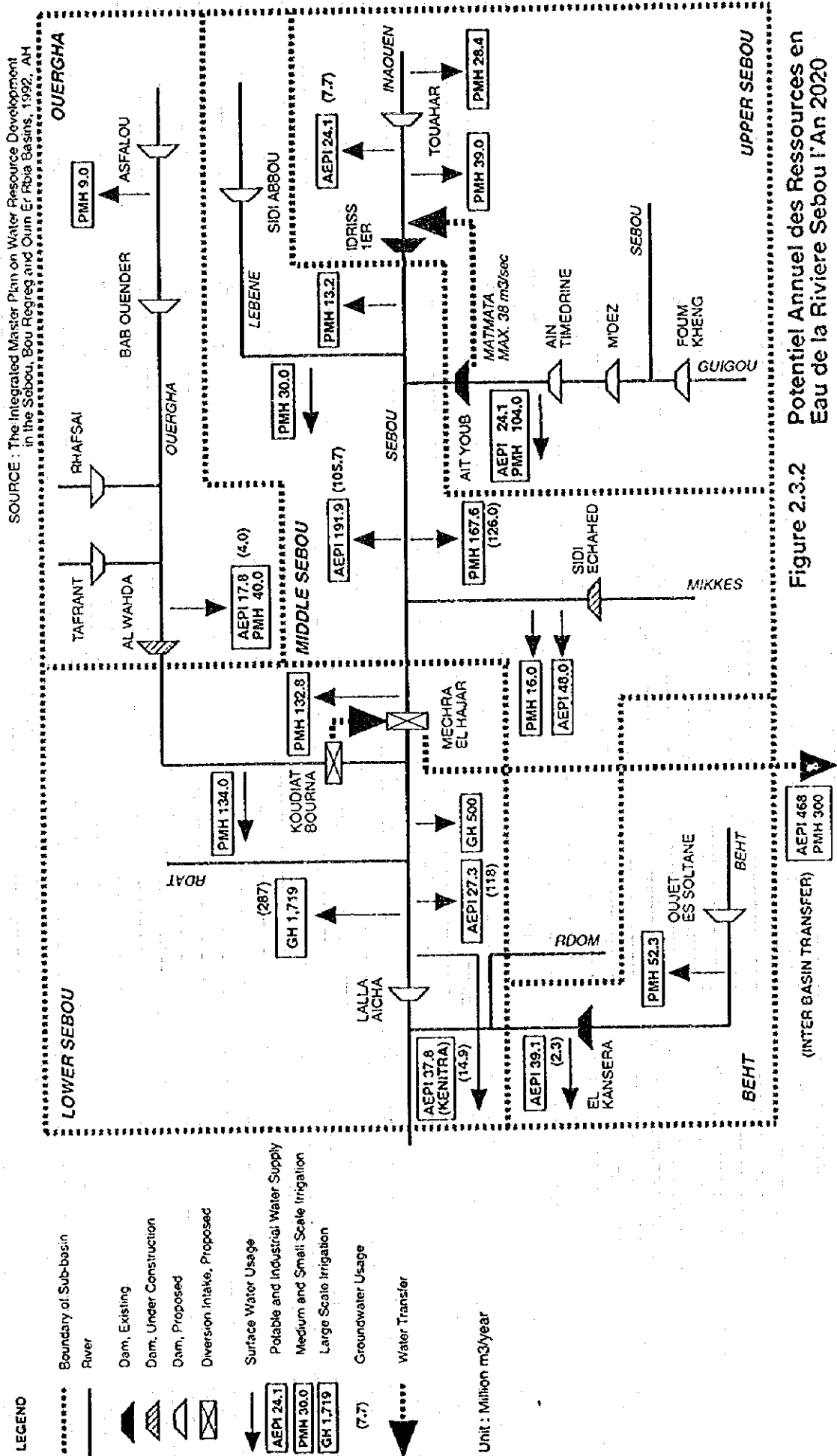


Figure 2.3.2 Potentiel Annuel des Ressources en Eau de la Riviere Sebou l'An 2020

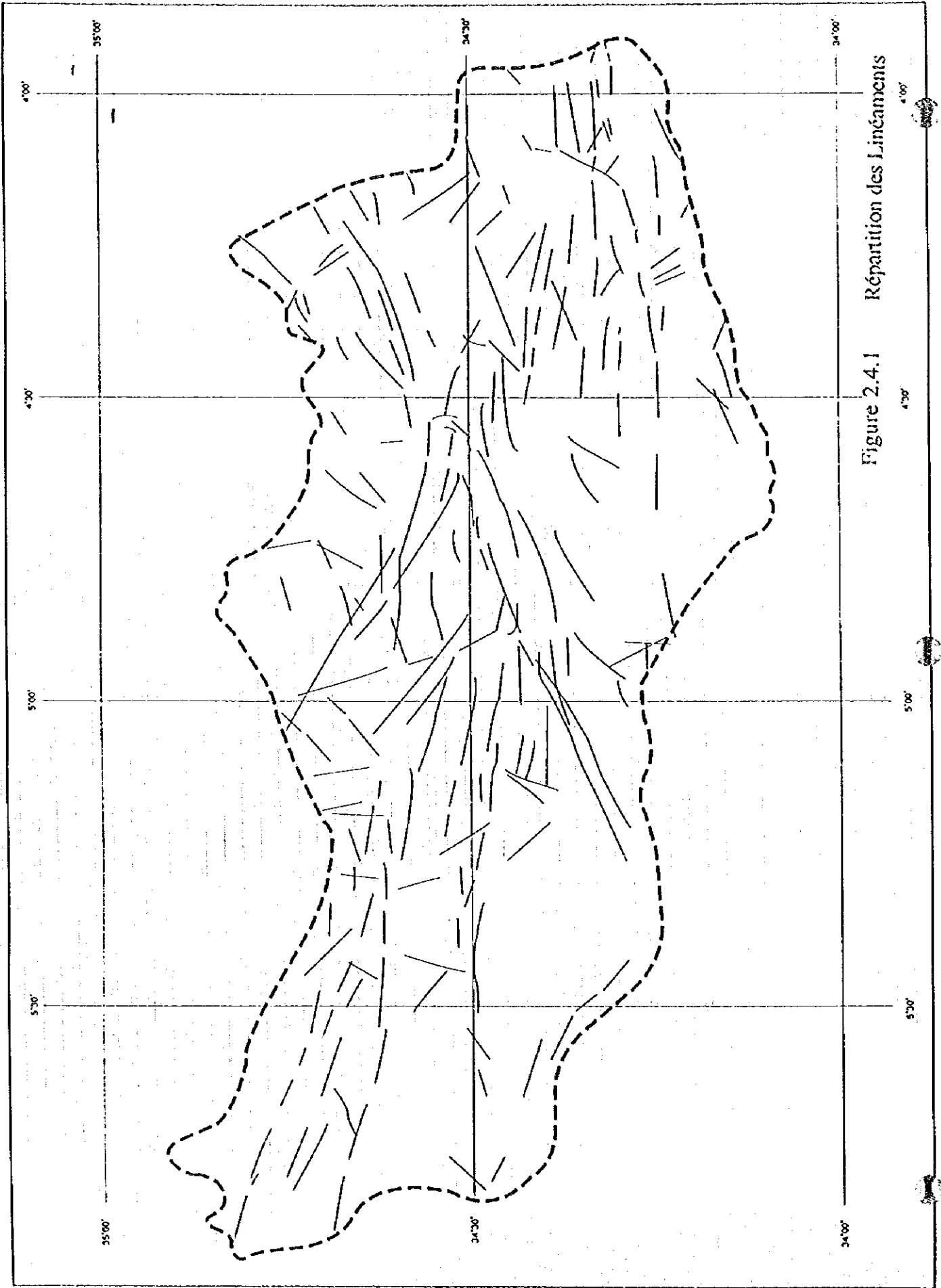


Figure 2.4.1 Répartition des Linéaments

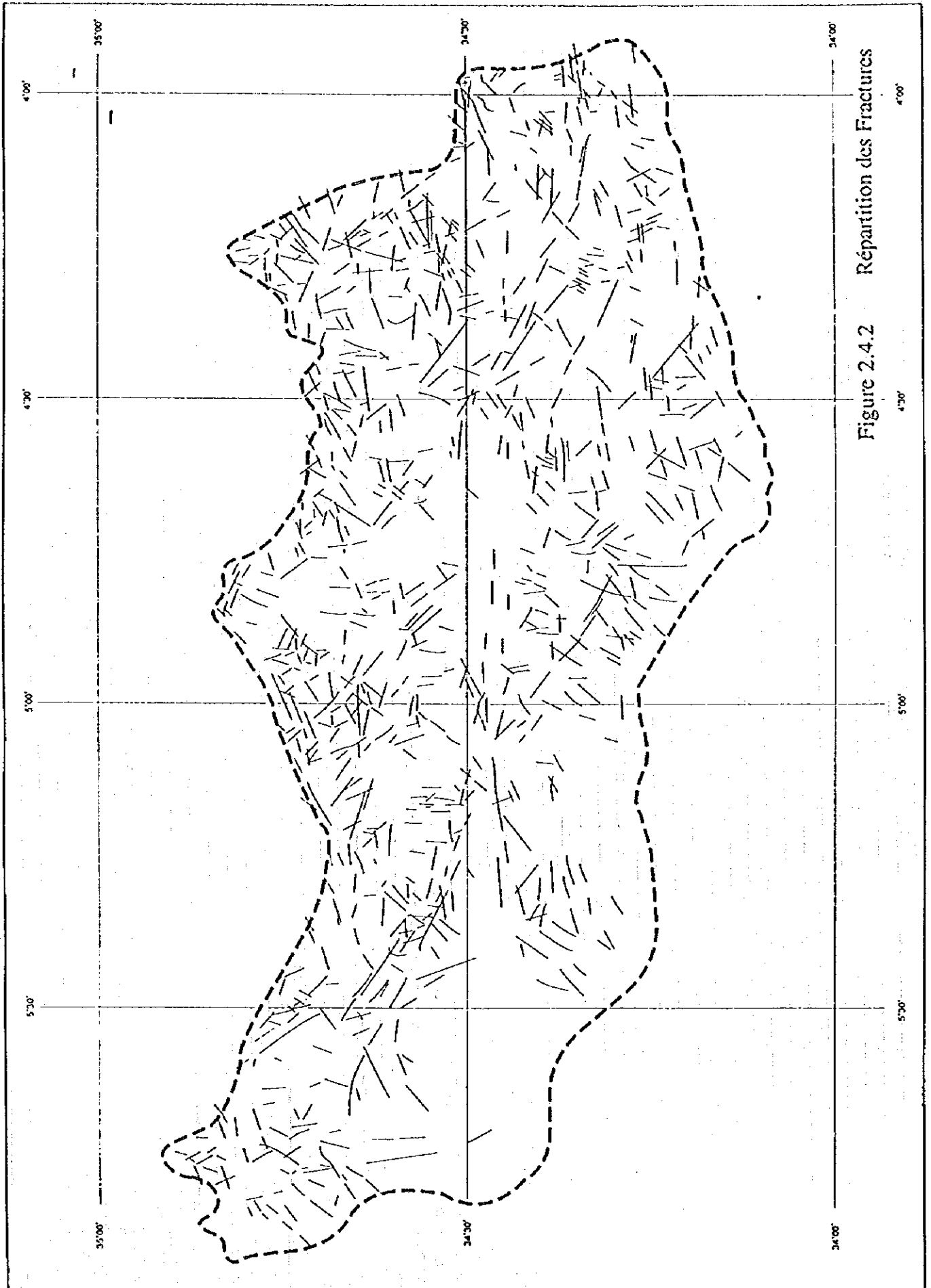
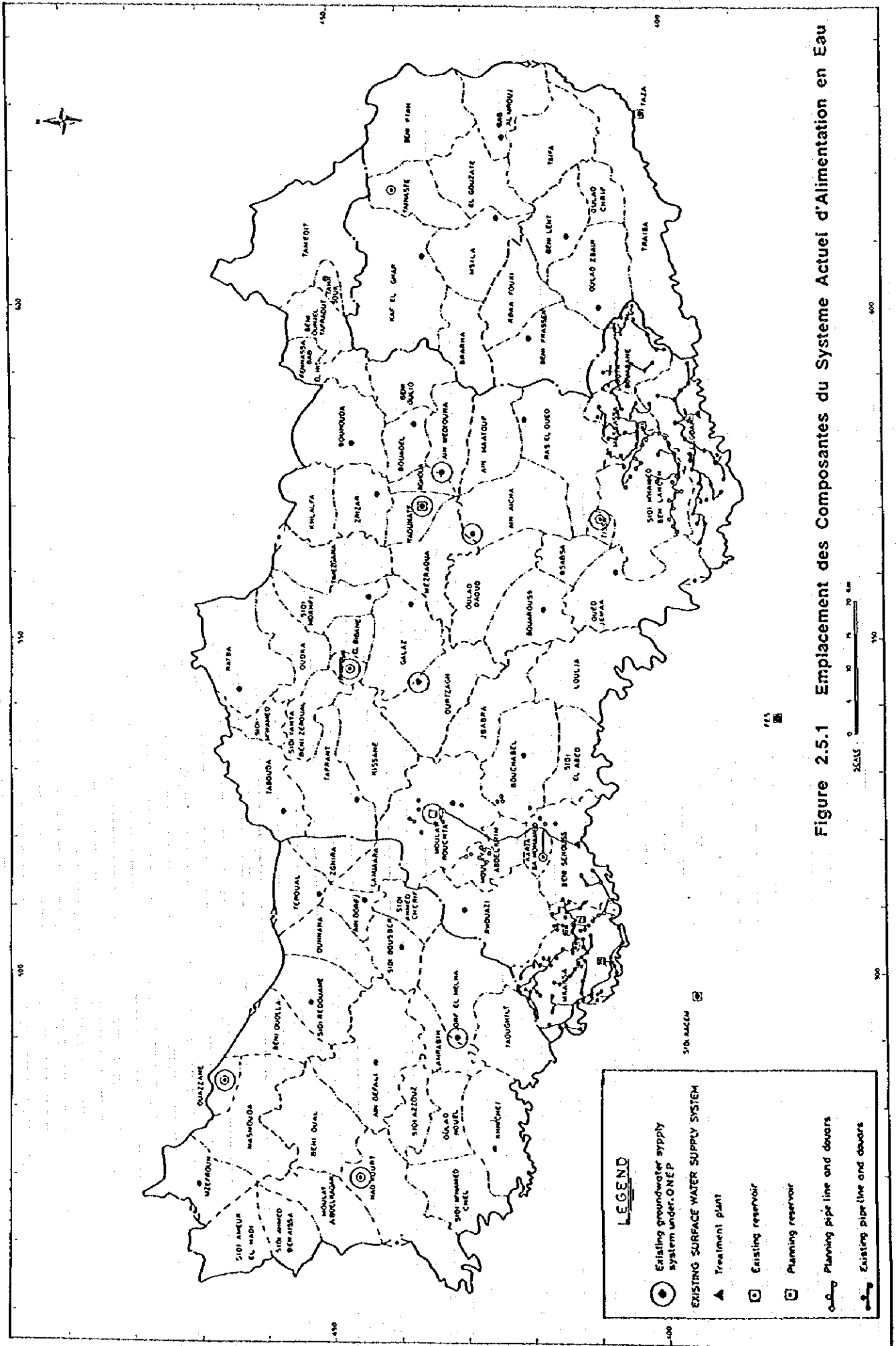


Figure 2.4.2 Répartition des Fractures



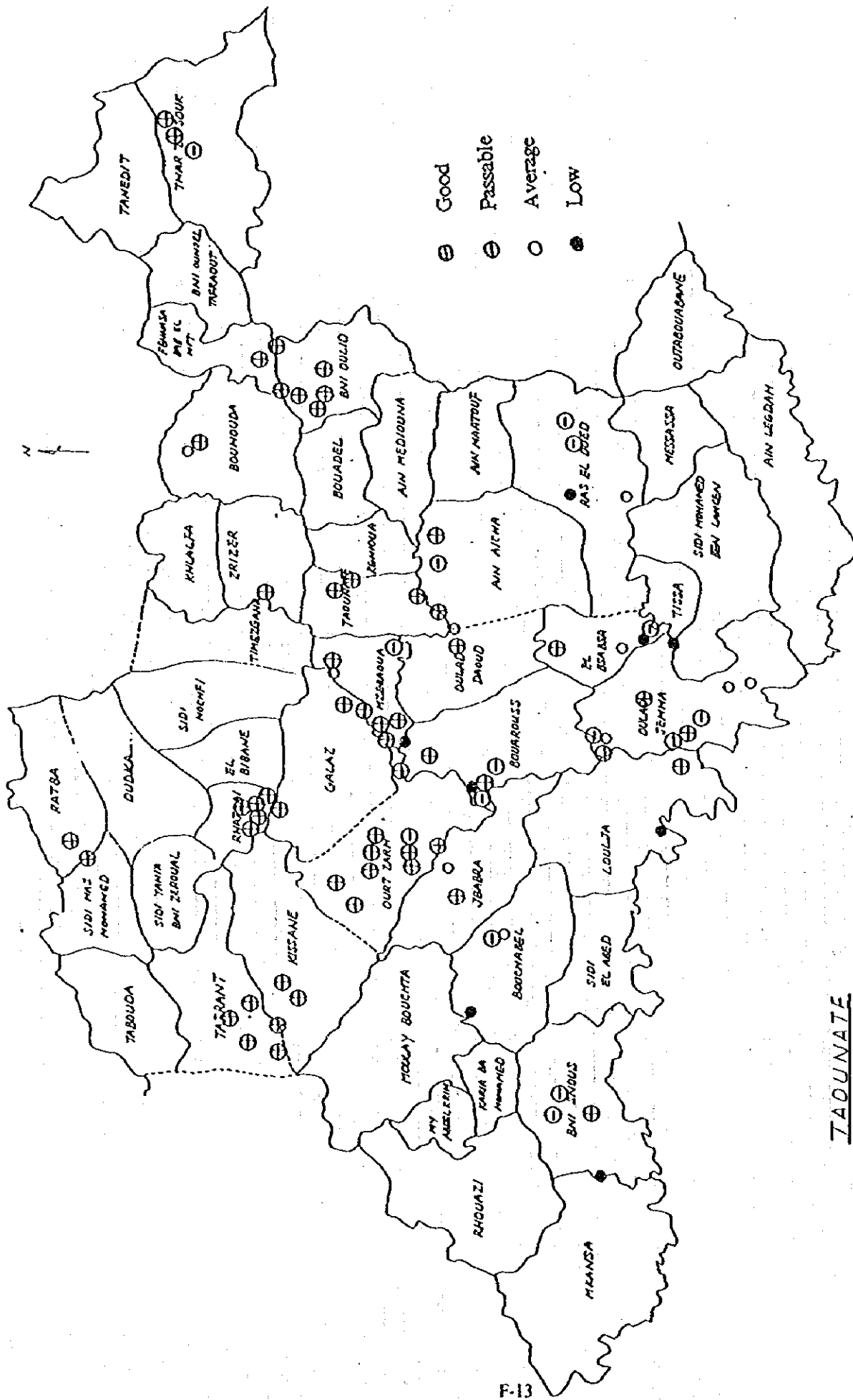
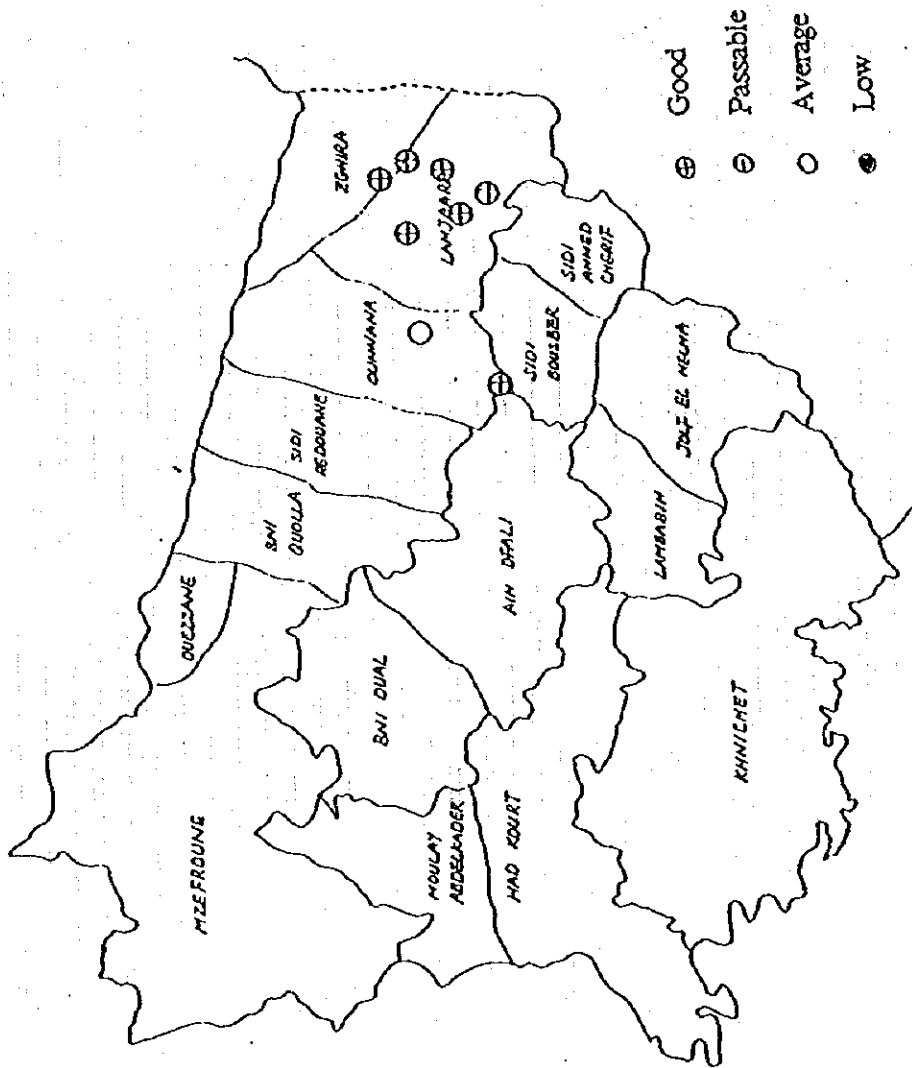
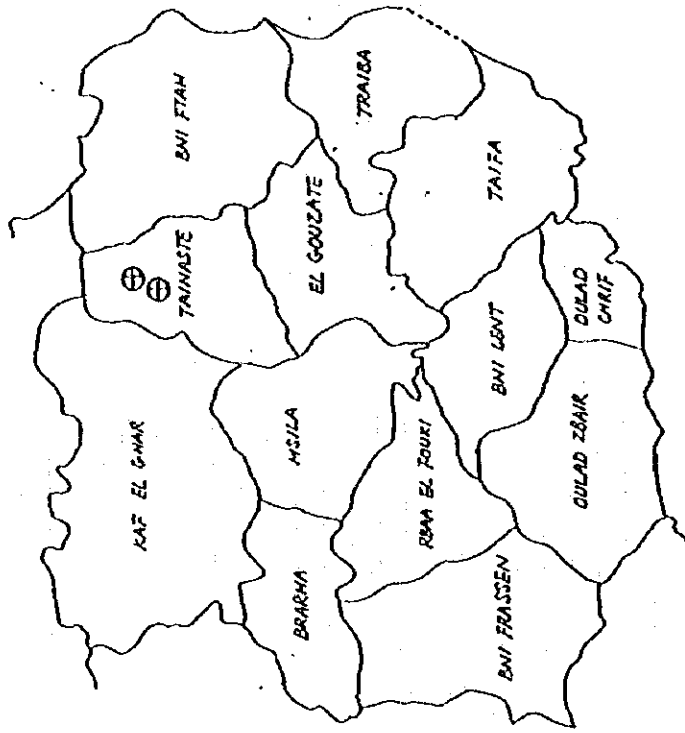


Figure 2.6.1 Qualité Chimique (salinité) de l'Eau de Sources de l'Aire d'Etude (1/2)



SIDI KACEM



TAZA

Figure 2.6.1 Qualité Chimique (salinité) de l'Eau de Sources de l'Aire d'Etude (2/2)



Figure 2.6.2 Les Principaux Générateurs de Pollution dans le Bassin Sebou

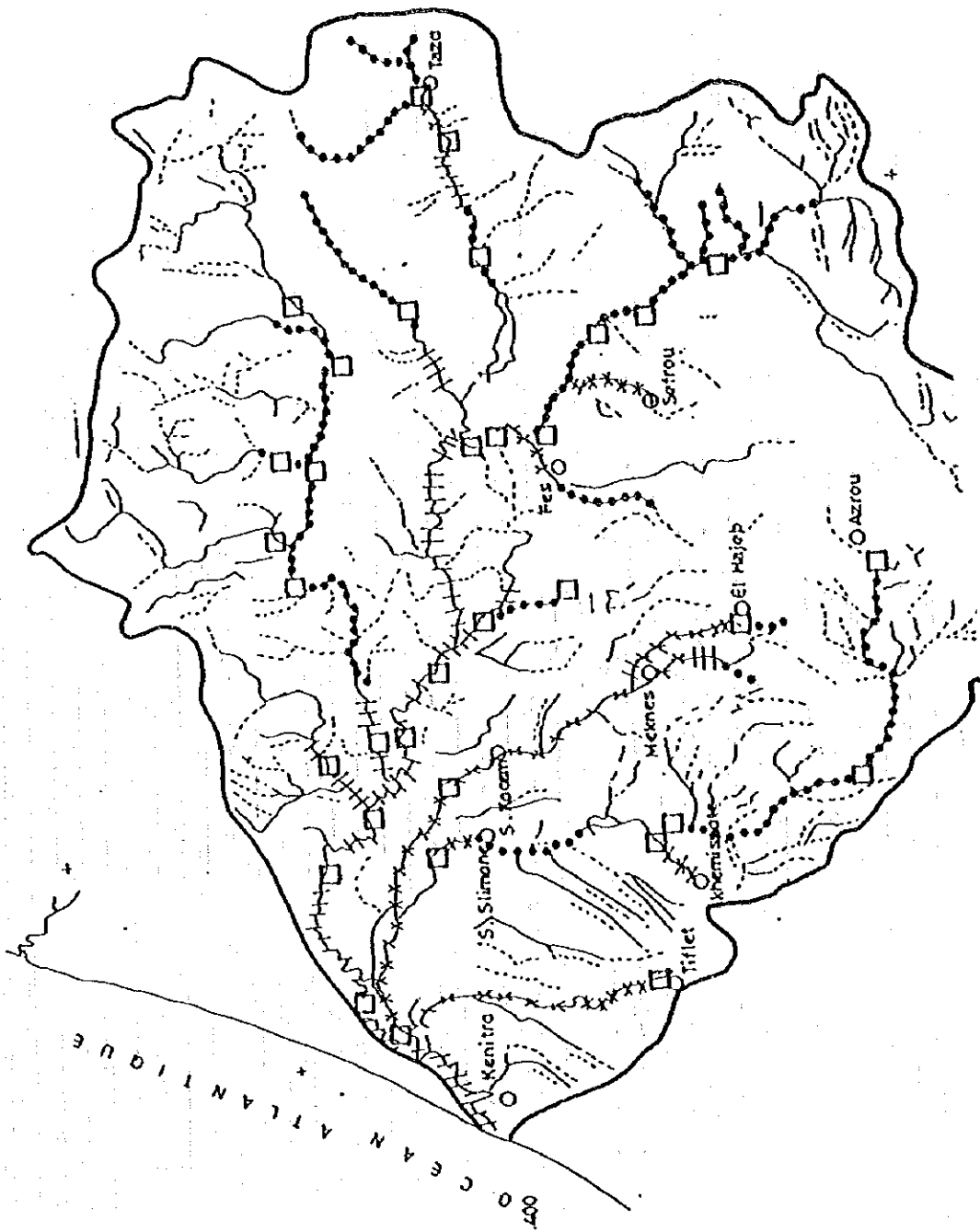


Figure 2.6.3 Le Classement du Bassin de la Riviere Sebou selon la Convenance pour Consommation Potable

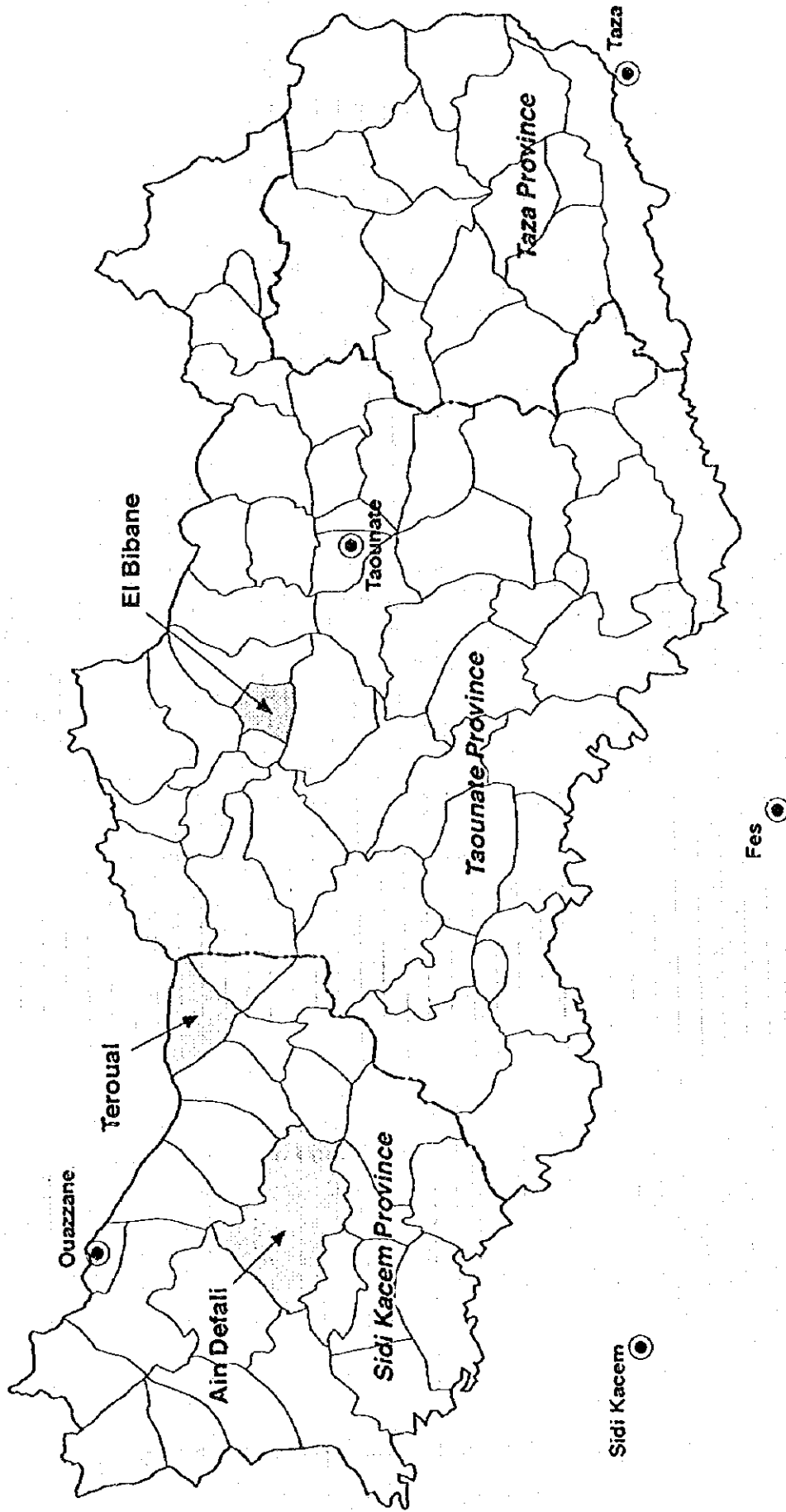
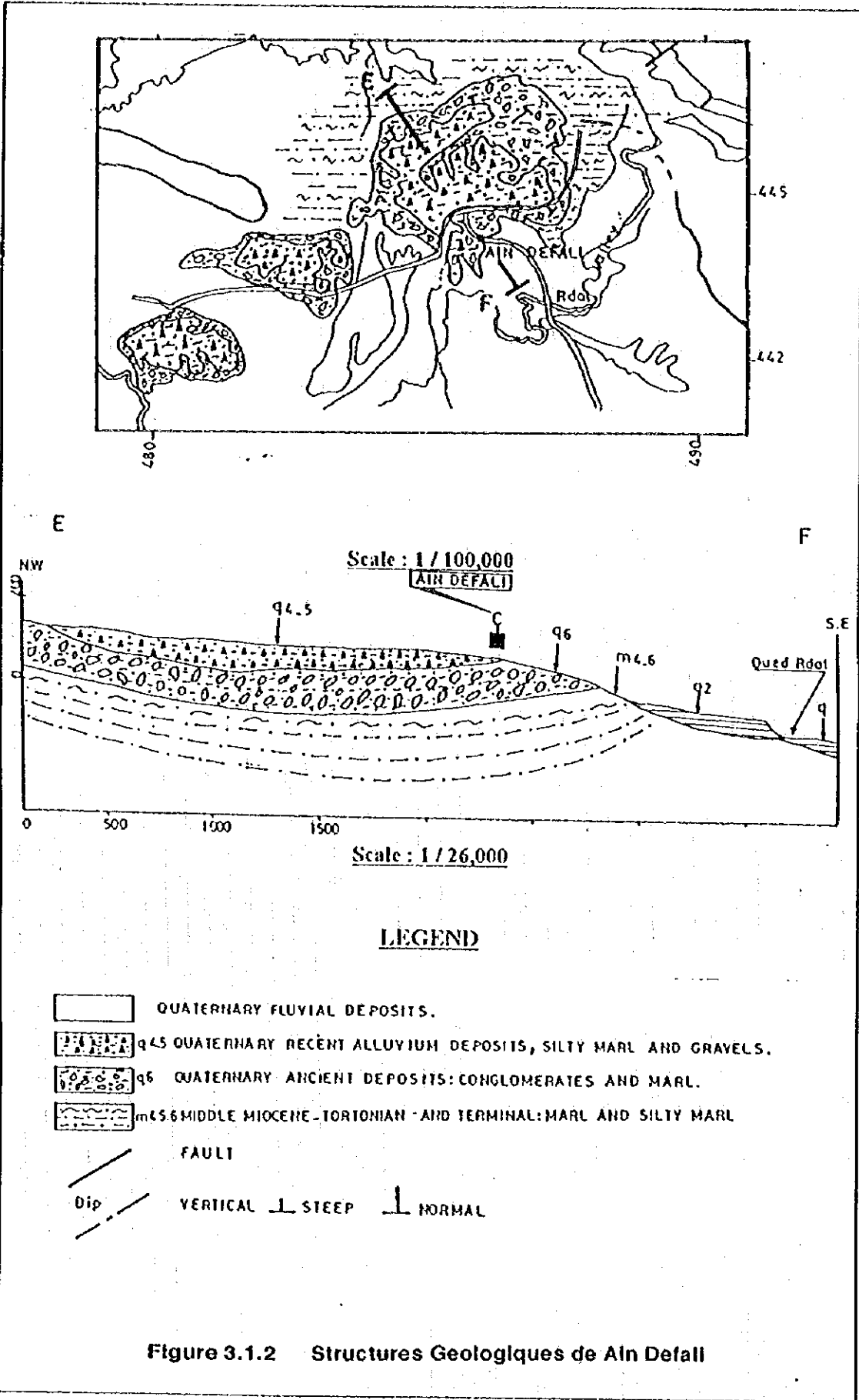
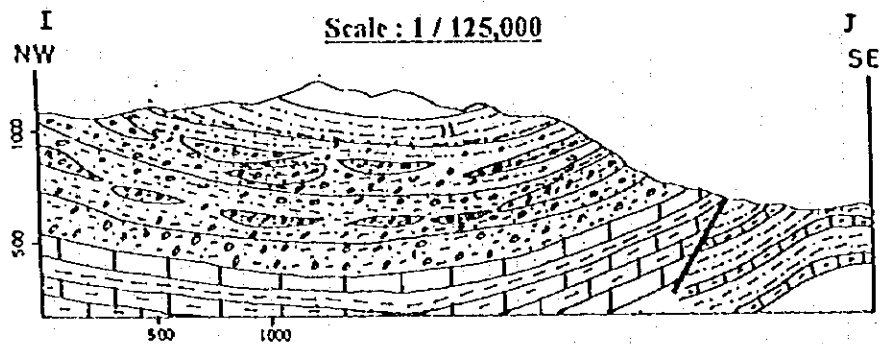
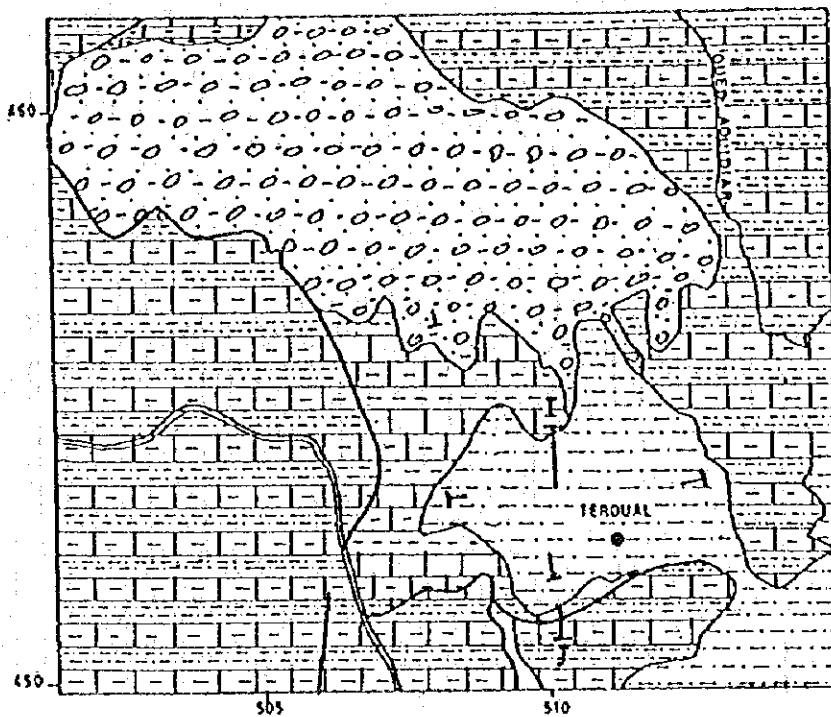


Figure 3.1.1 Emplacement des Zones Modeles





Scale: 1 / 62,500

LEGEND










-  QUATERNARY, RECENT ALLUVIUM DEPOSITS.
-  MIOCENE SUP. MARL AND SILTY MARL.
-  OLIGOCENE, SANDY CONGLOMERATES WITH MARL MATRIX.
-  EOCENE, LIMESTONE, MARLY LIMESTONE AND MARL.
-  CRETEOUS, SUP. SILTY MARL, MARLY LIMESTONE AND SCHISTS.
-  FAULT. DIP.  VERTICALE.  STEEP.  NORMALE.

Figure 3.1.3 Structures Geologiques de Teroual

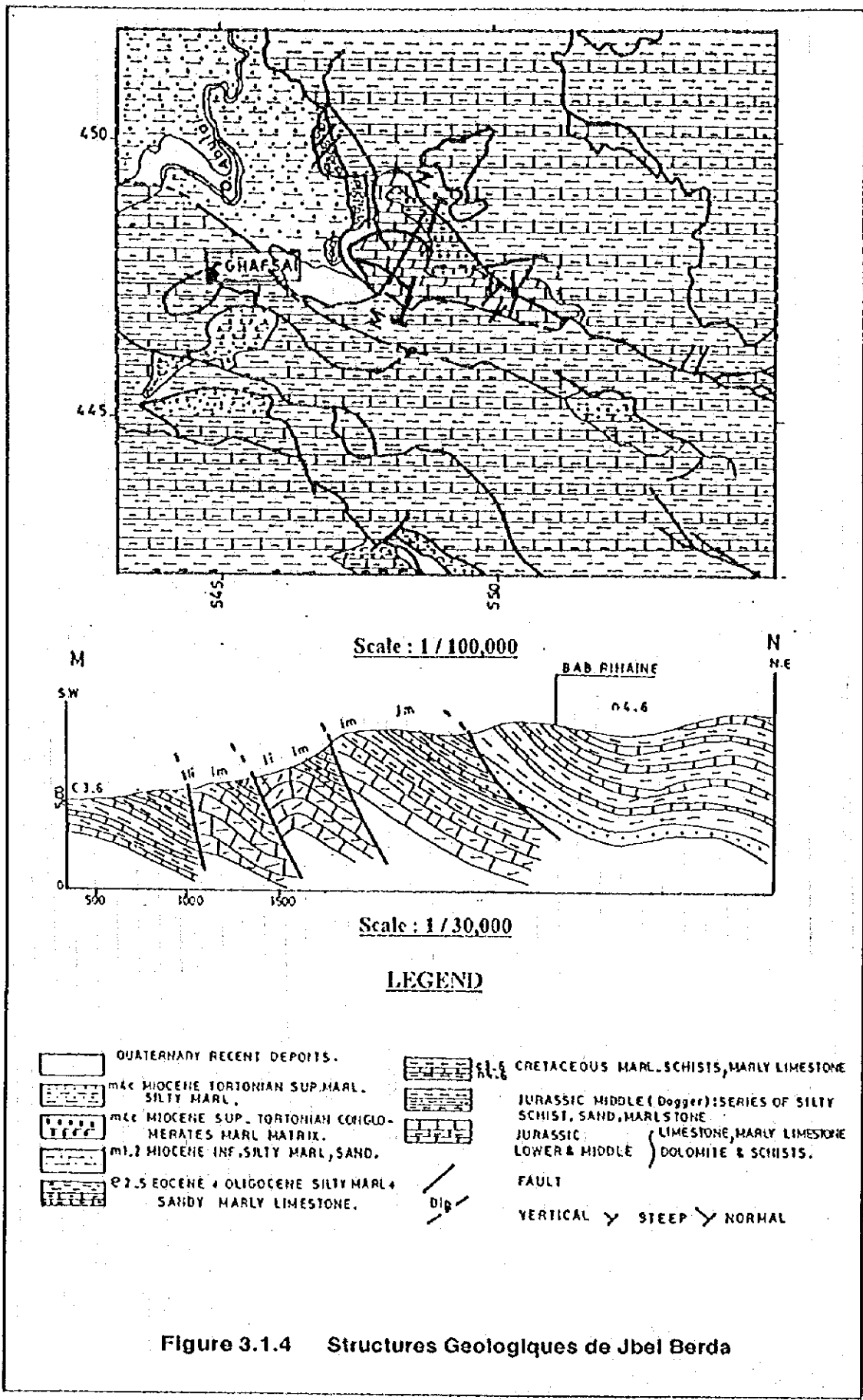


Figure 3.1.4 Structures Geologiques de Jbel Berda

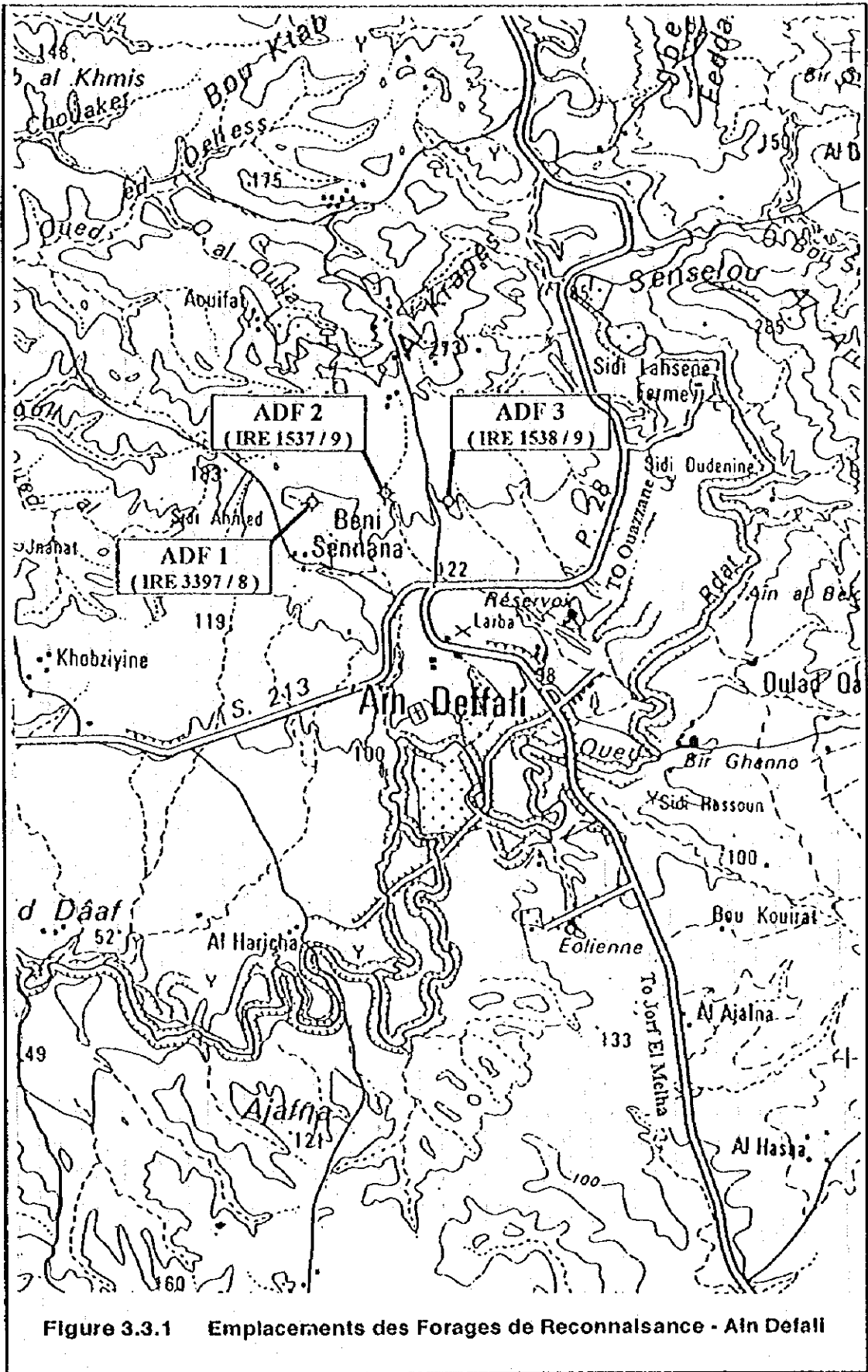


Figure 3.3.1 Emplacements des Forages de Reconnaissance - Ain Defali

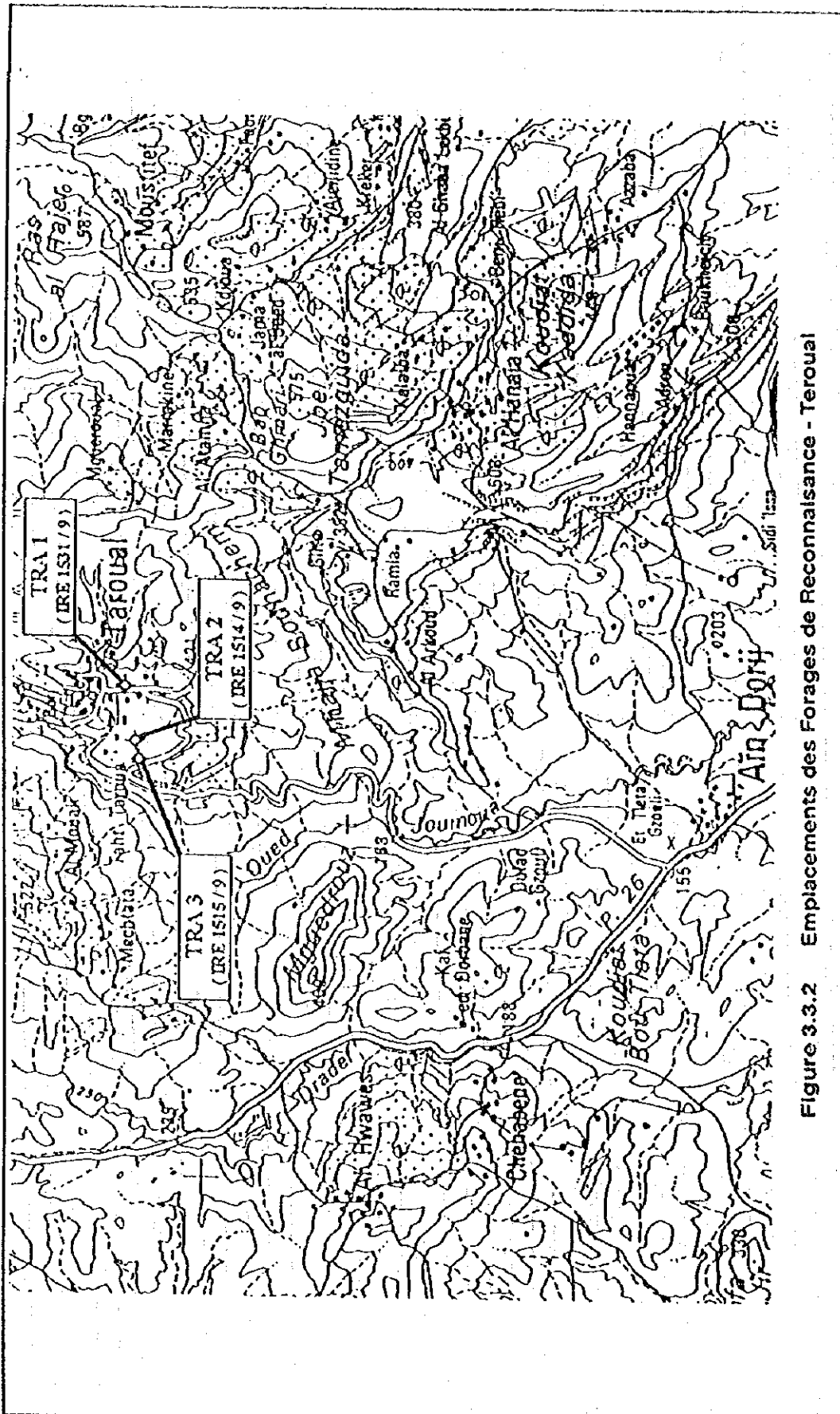


Figure 3.3.2 Emplacements des Forages de Reconnaissance - Teroual

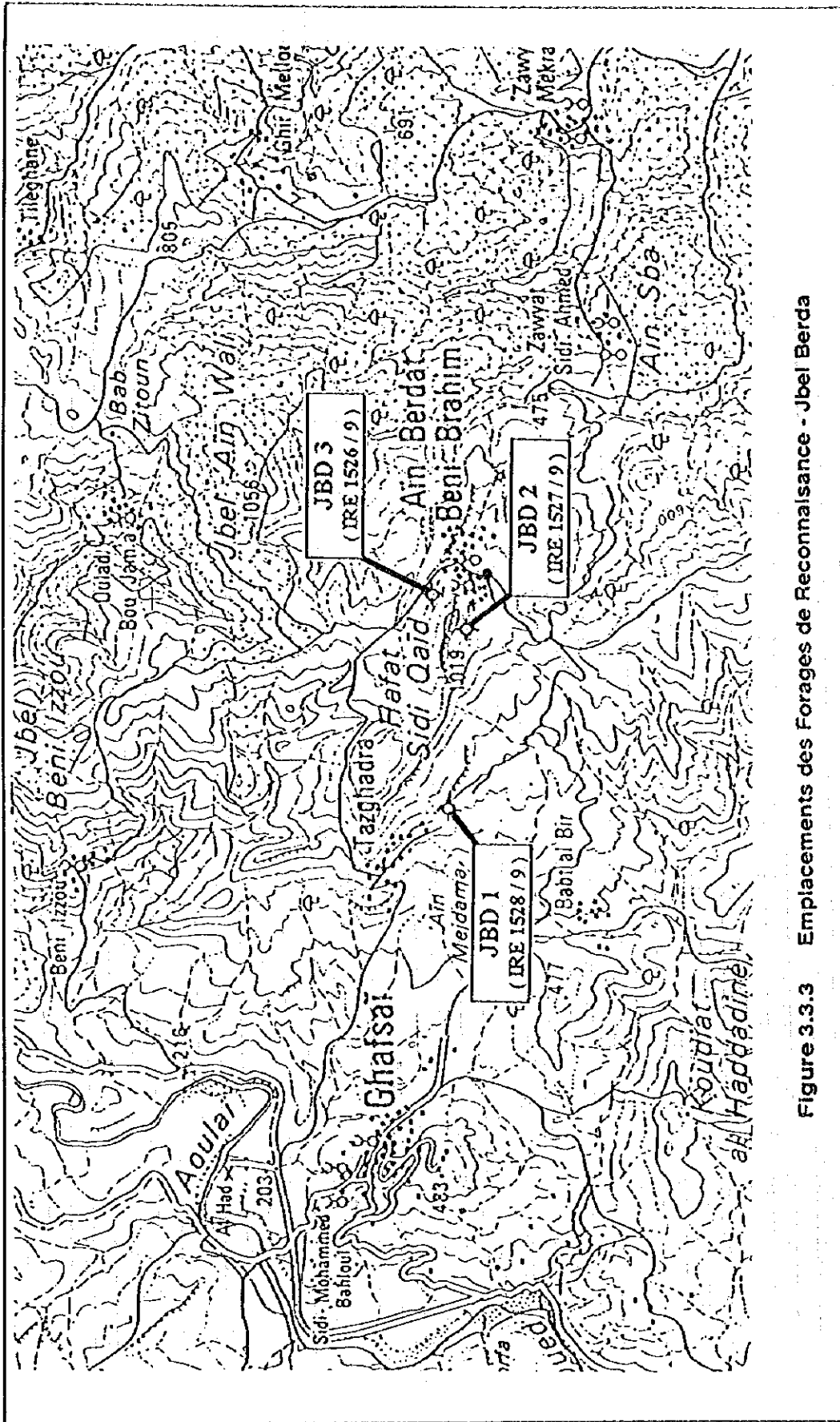


Figure 3.3.3 Emplacements des Forages de Reconnaissance - Jbel Berda

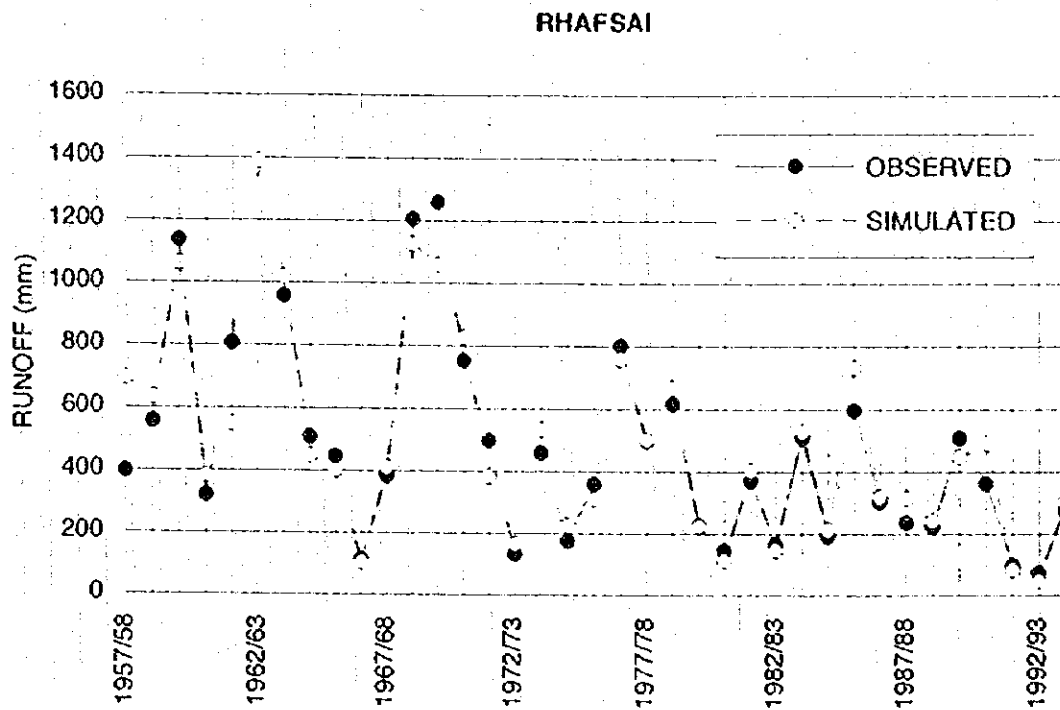
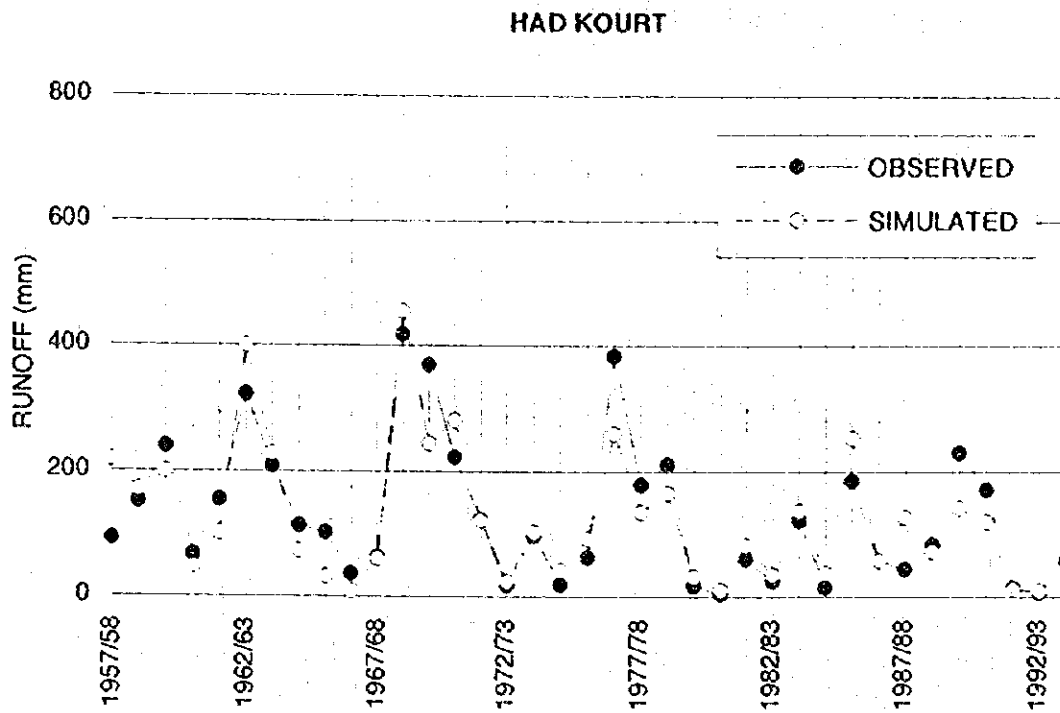
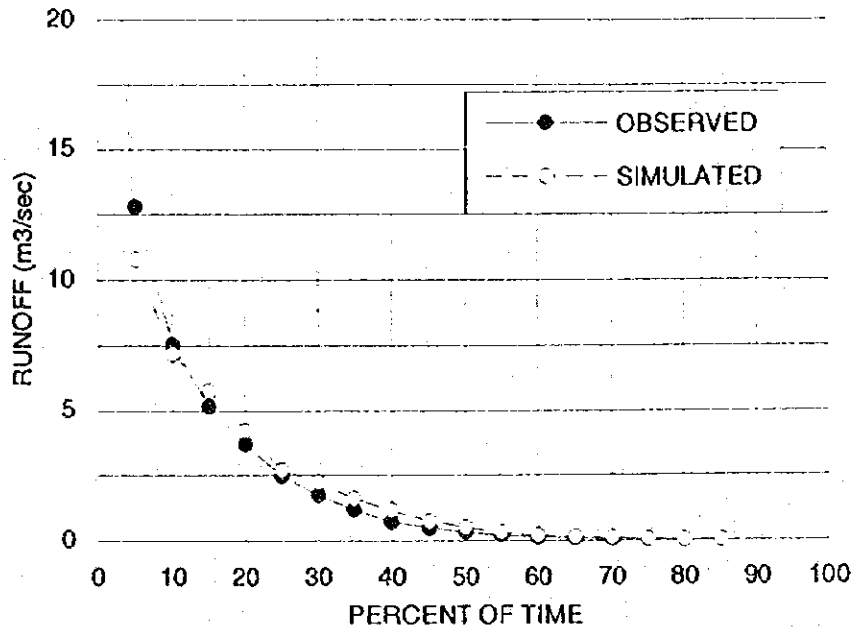


Figure 3.3.6 Comparaison des Hydrographes

HAD KOURT



RHAFSAI

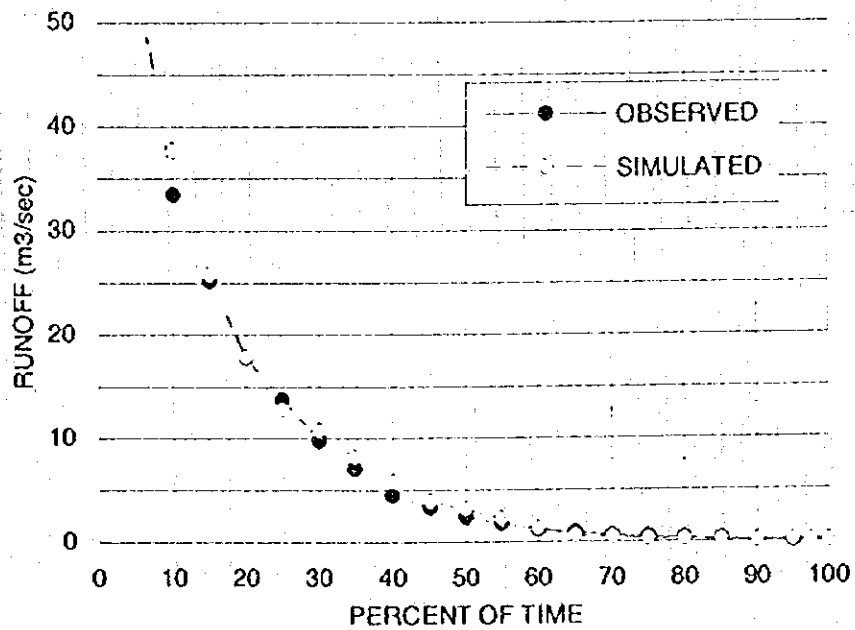
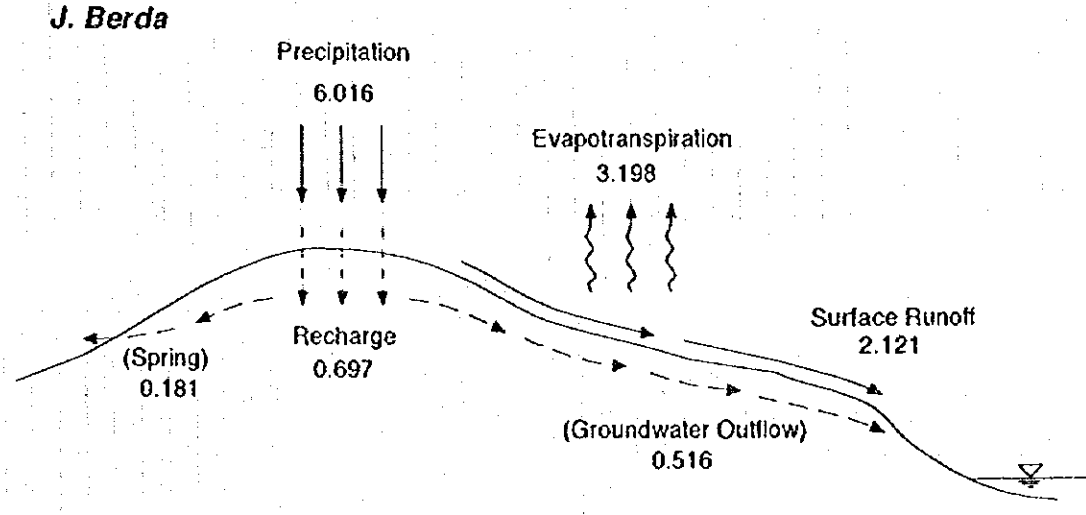
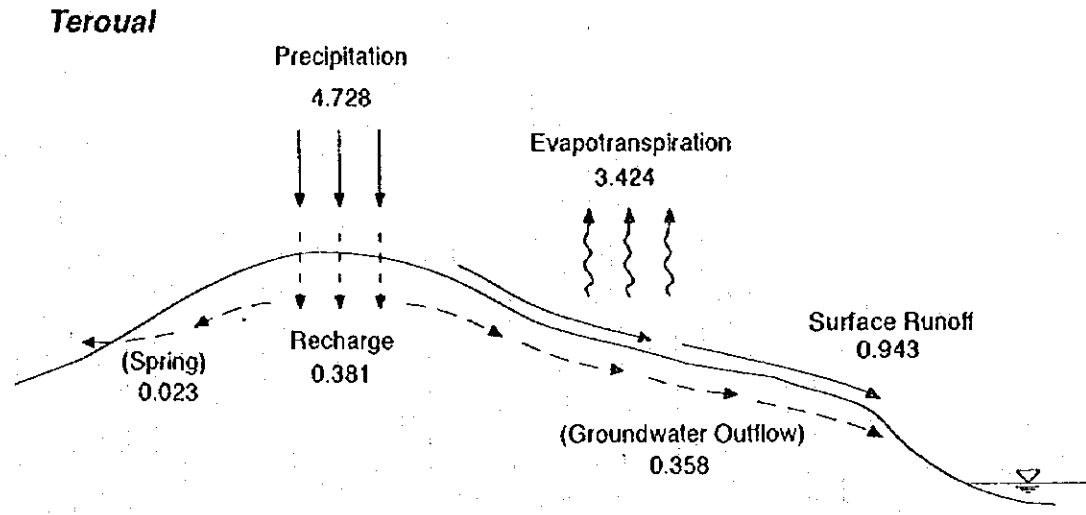
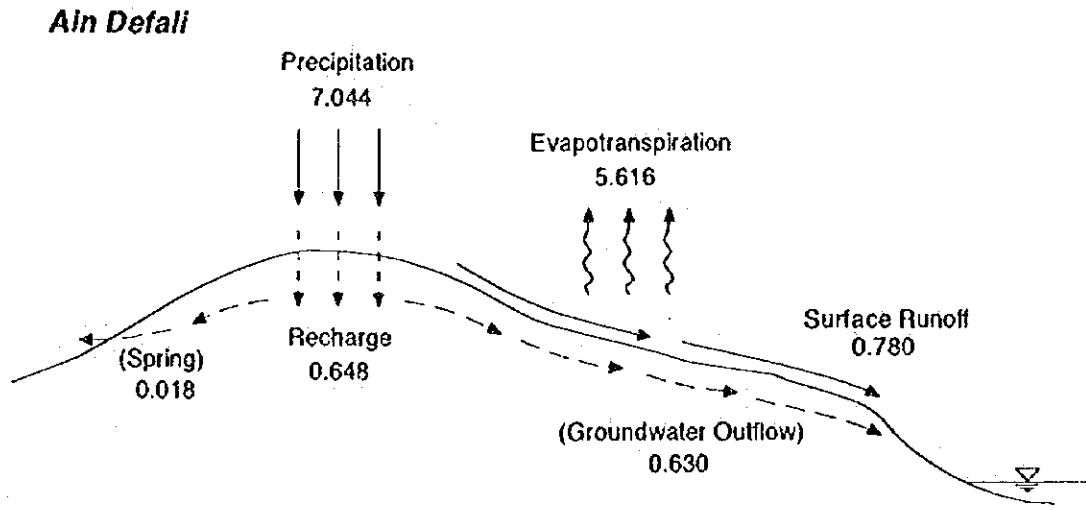
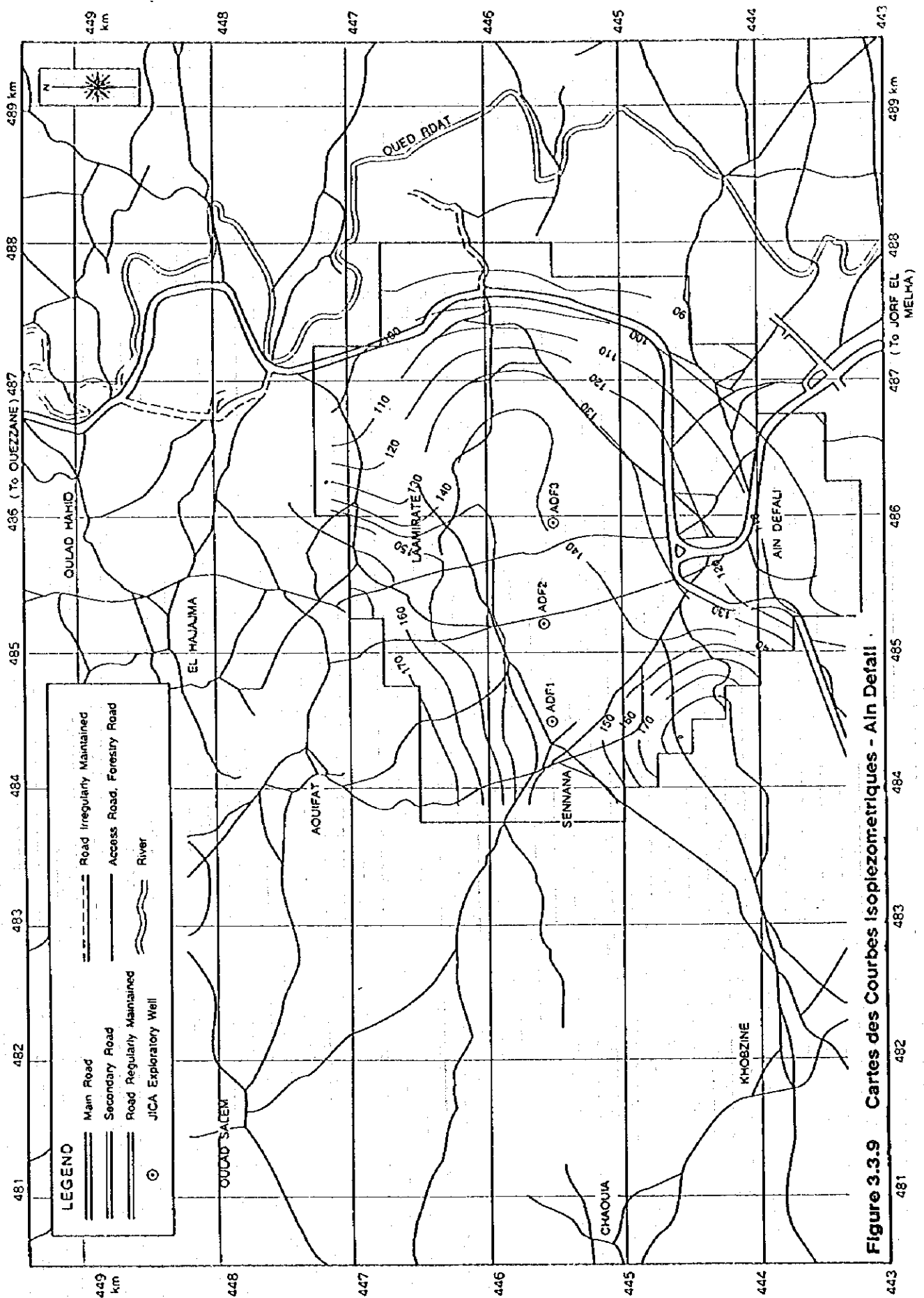


Figure 3.3.7 Comparaison des Courbes Duration-Debit



Unit : Million m³/year

Figure 3.3.8 Bilan d'Eau



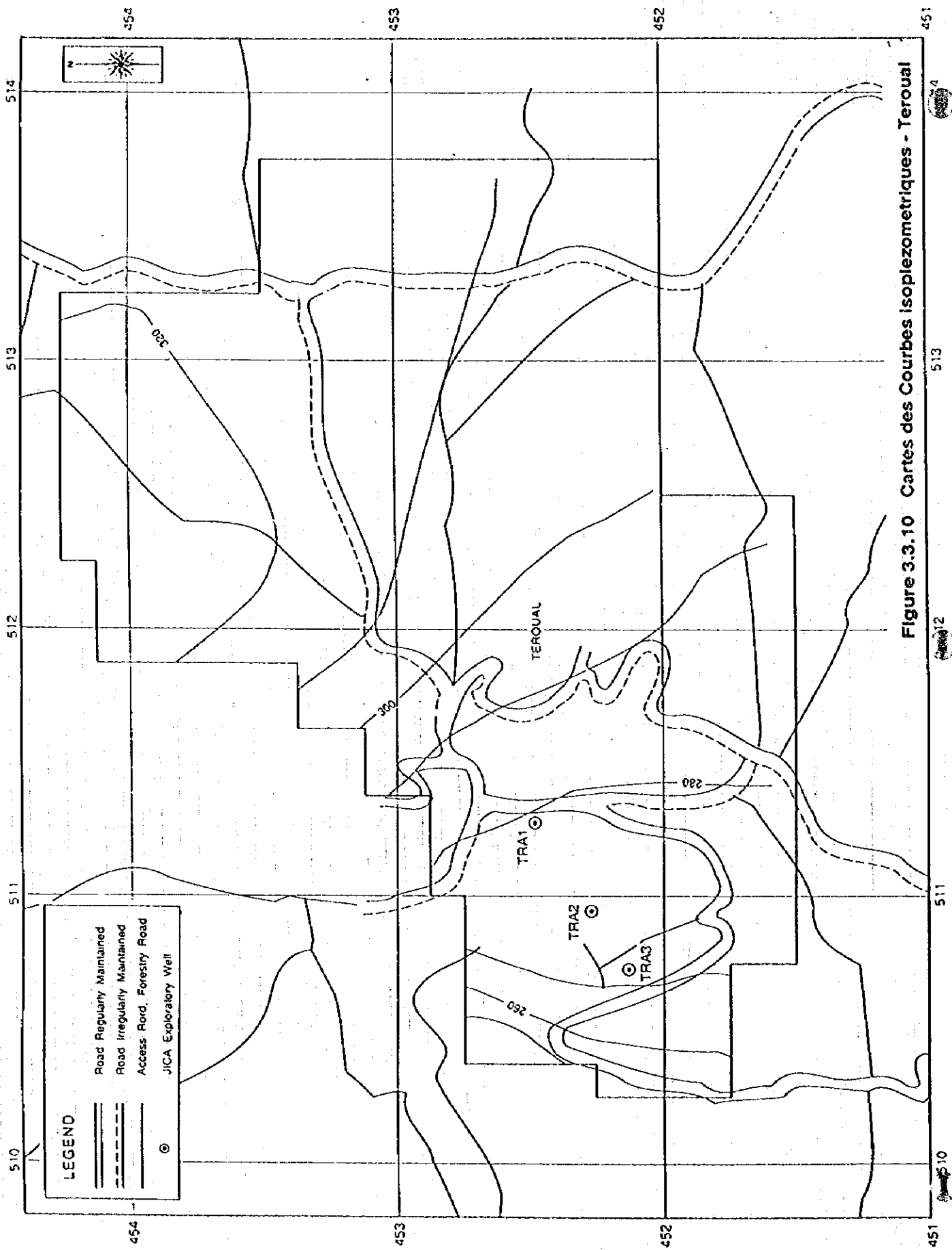


Figure 3.3.10 Cartes des Courbes isoplezométriques - Teroual

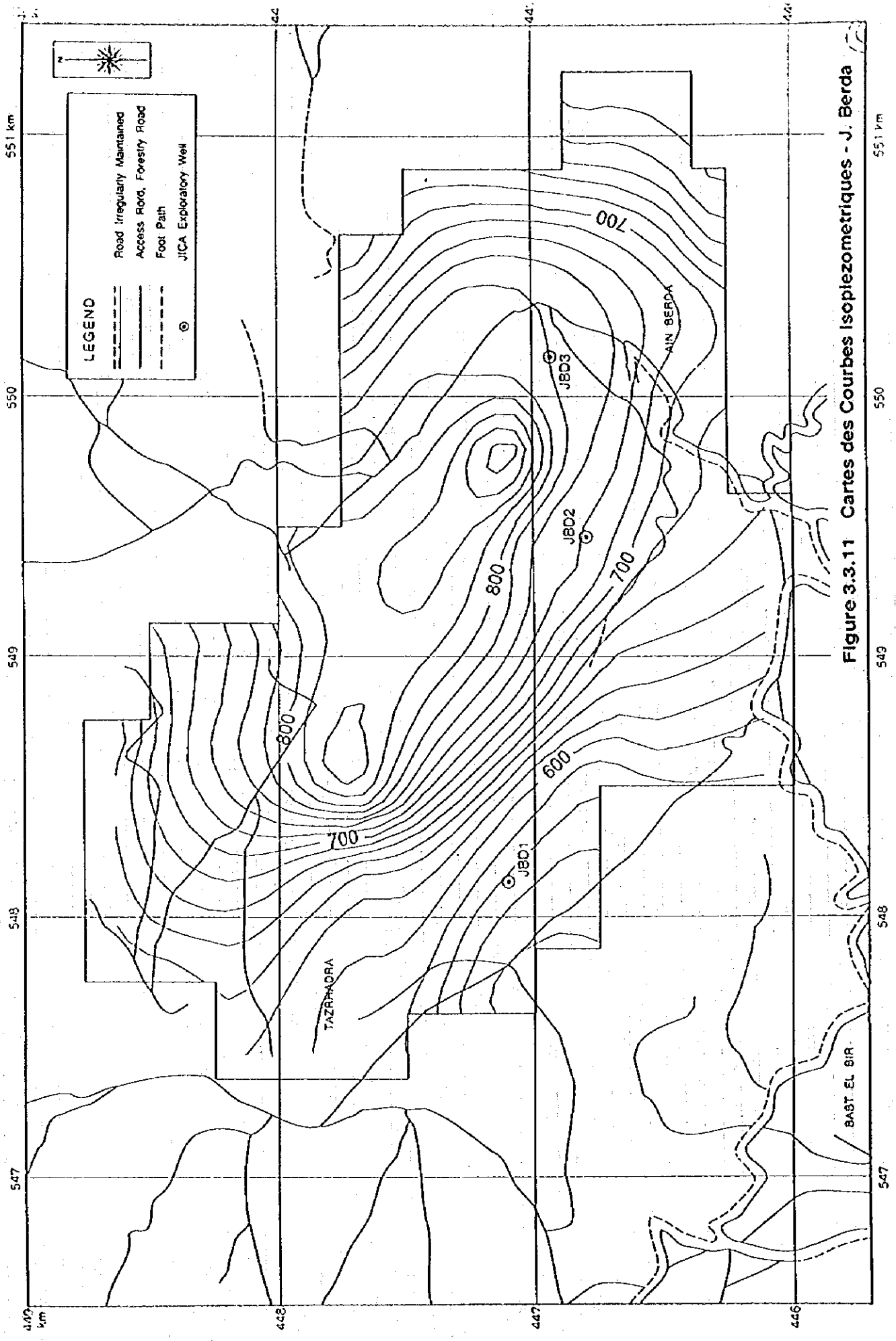


Figure 3.3.11 Cartes des Courbes Isoplezométriques - J. Berda

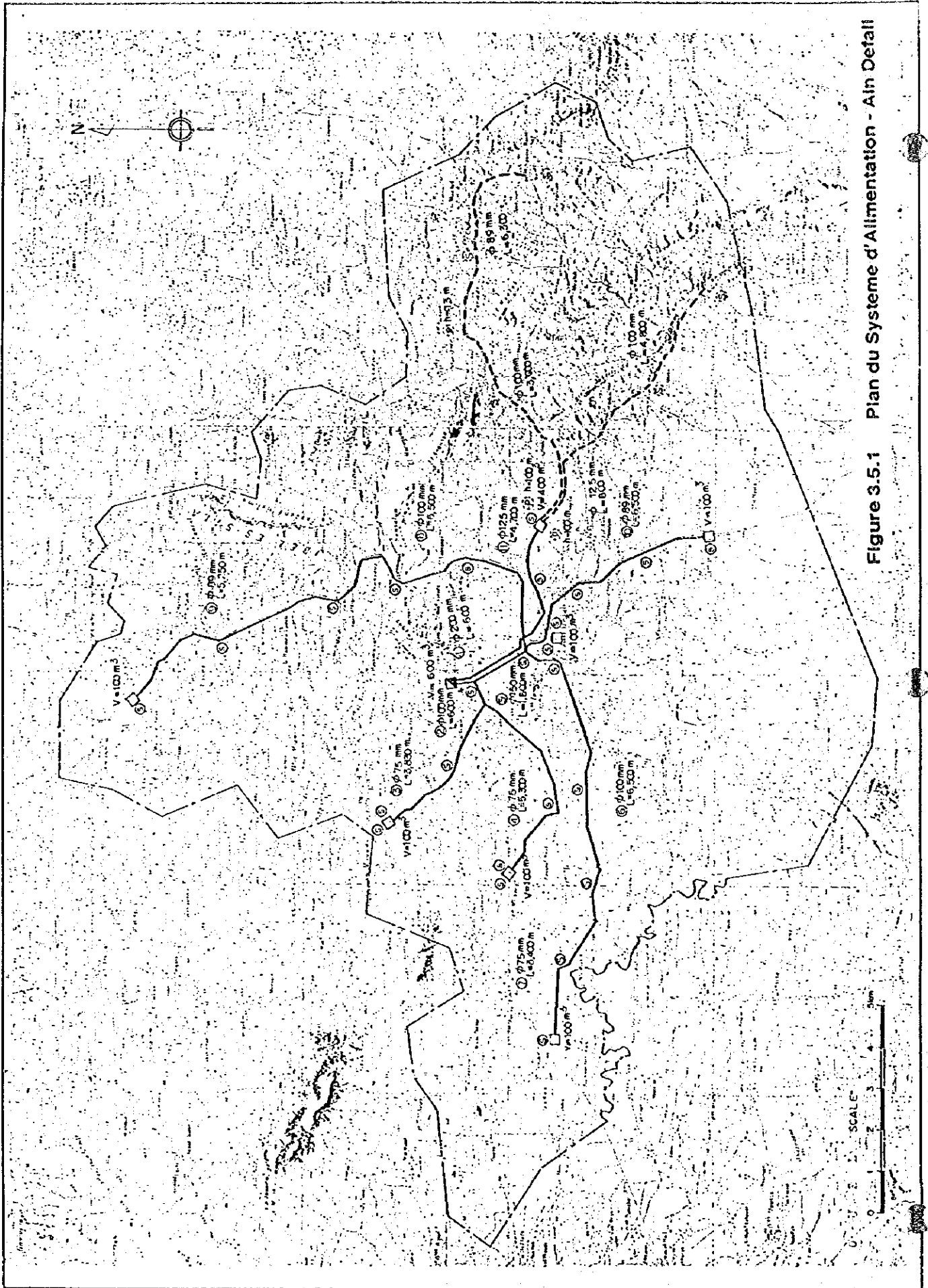


Figure 3.5.1 Plan du Systeme d'Alimentation - Air Defall

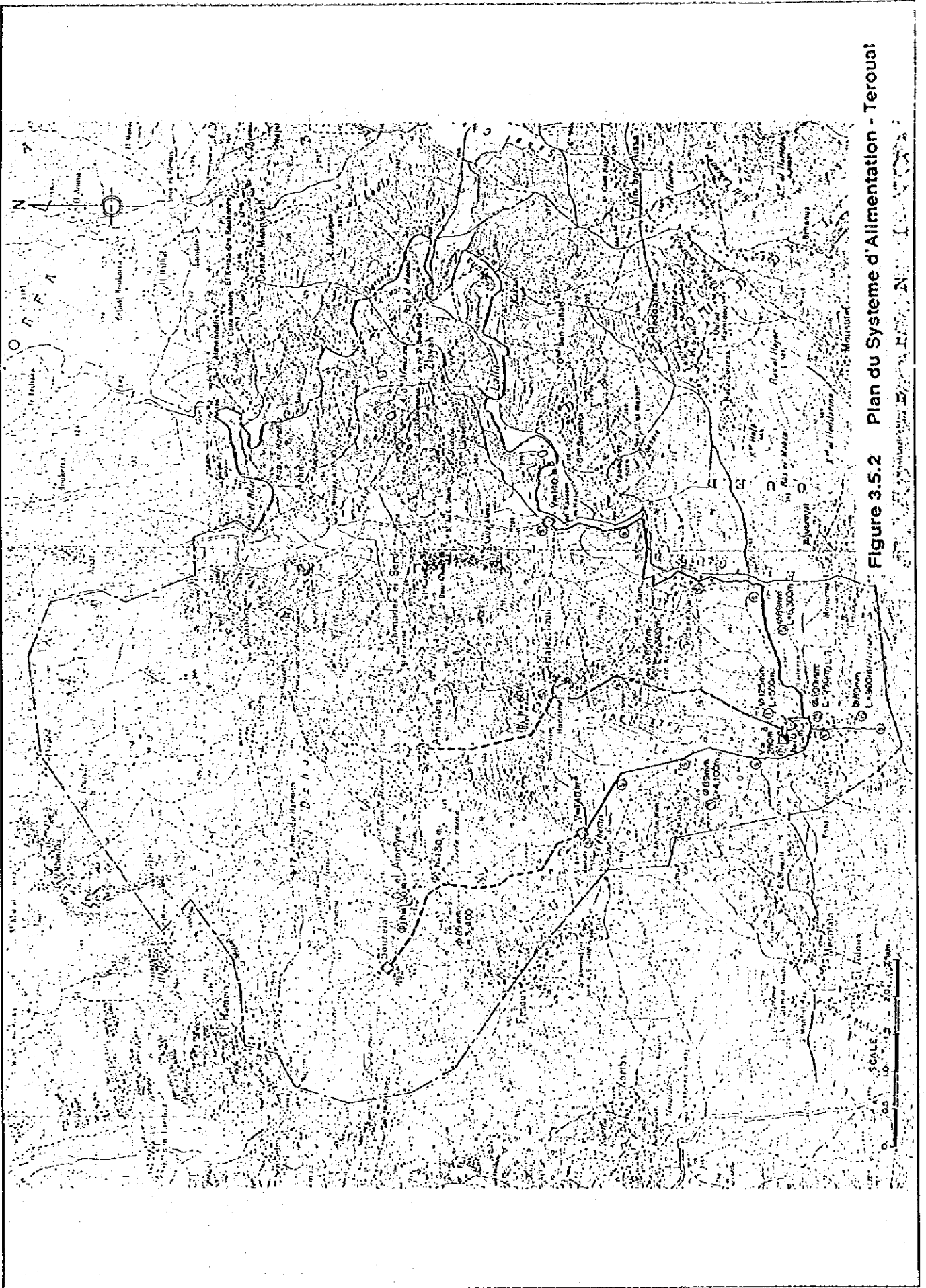


Figure 3.5.2 Plan du Systeme d'Alimentation - Teroual

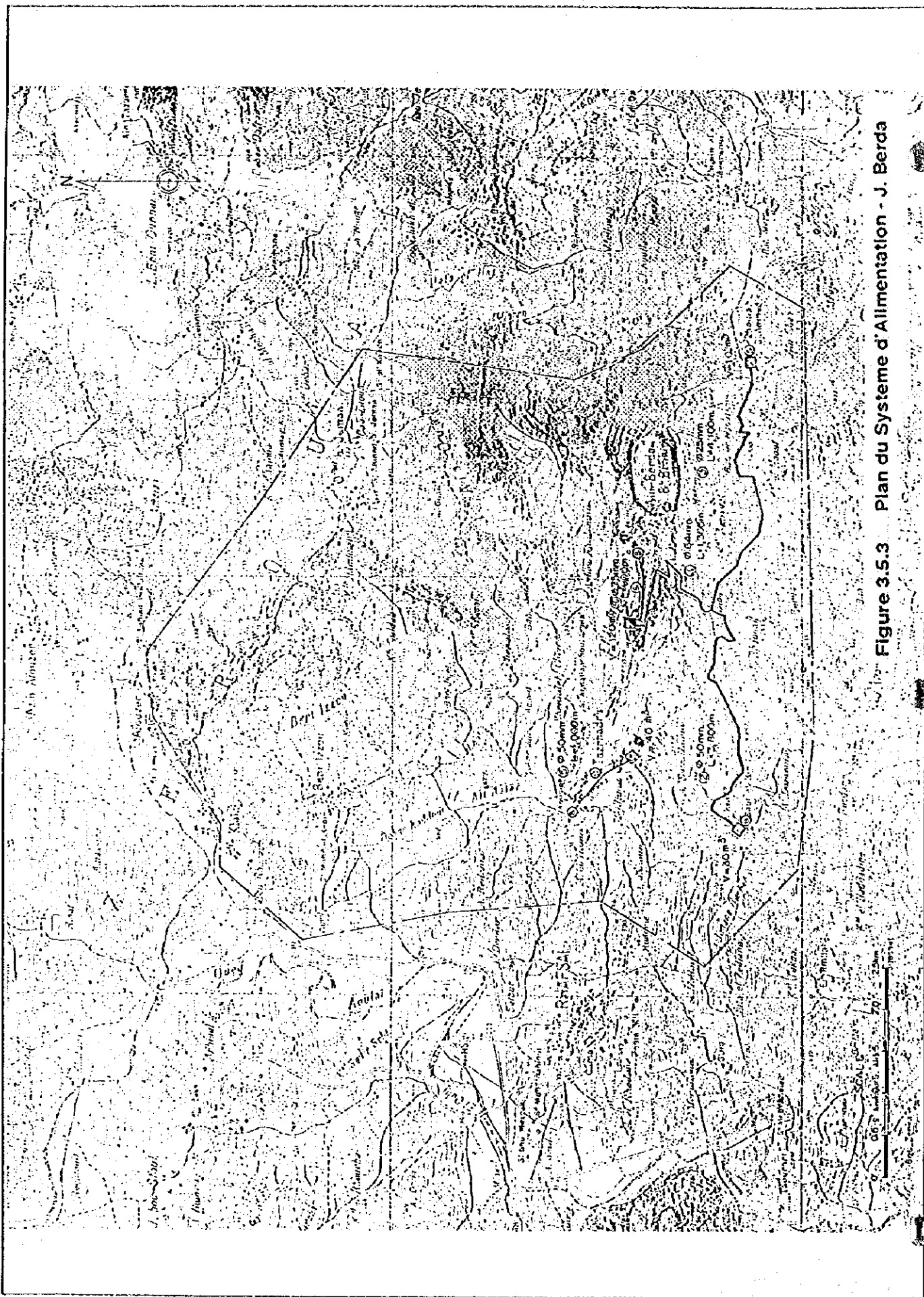


Figure 3.5.3 Plan du Systeme d'Alimentation - J. Berda

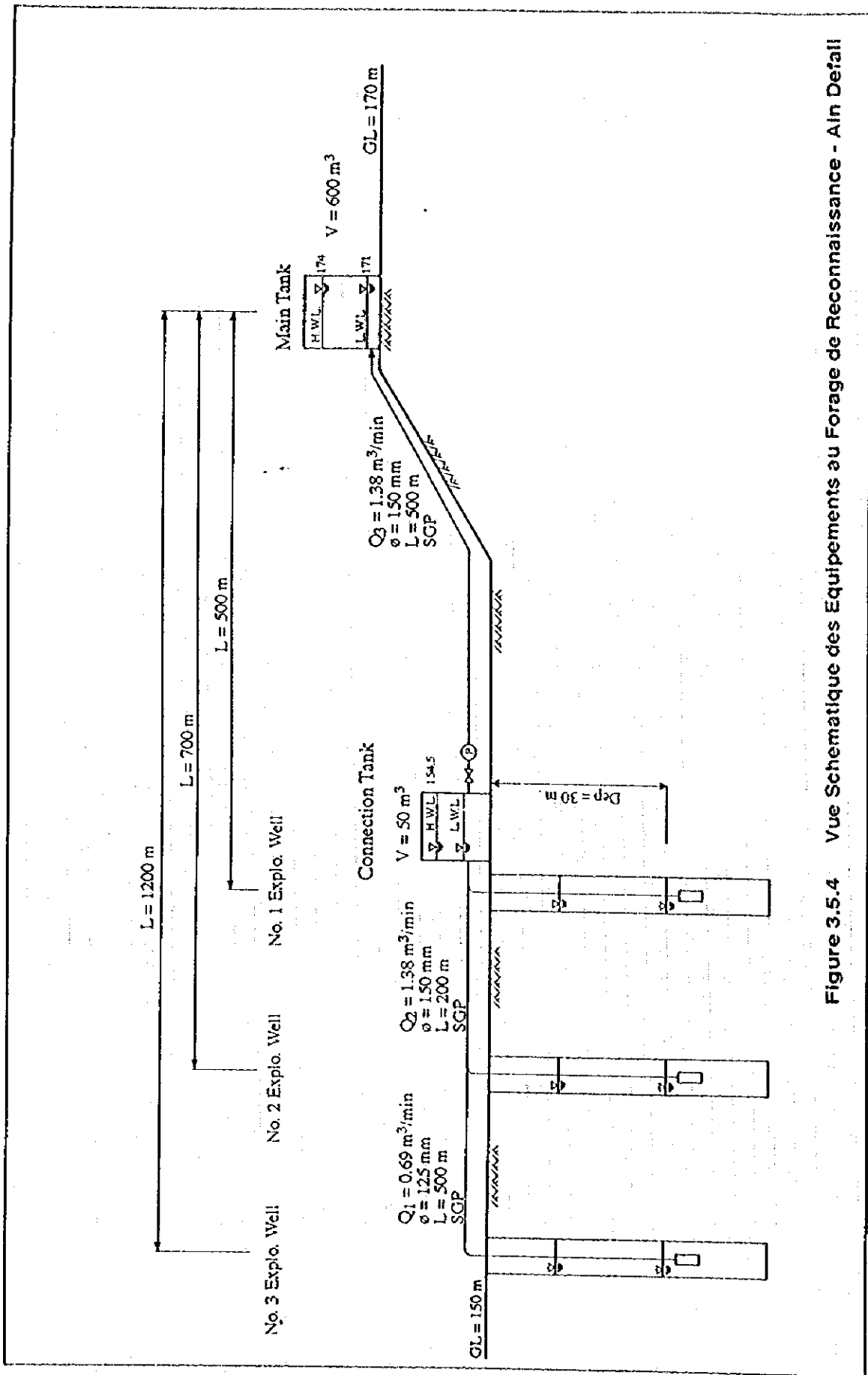


Figure 3.5.4 Vue Schematique des Equipements au Forage de Reconnaissance - Ain Defali

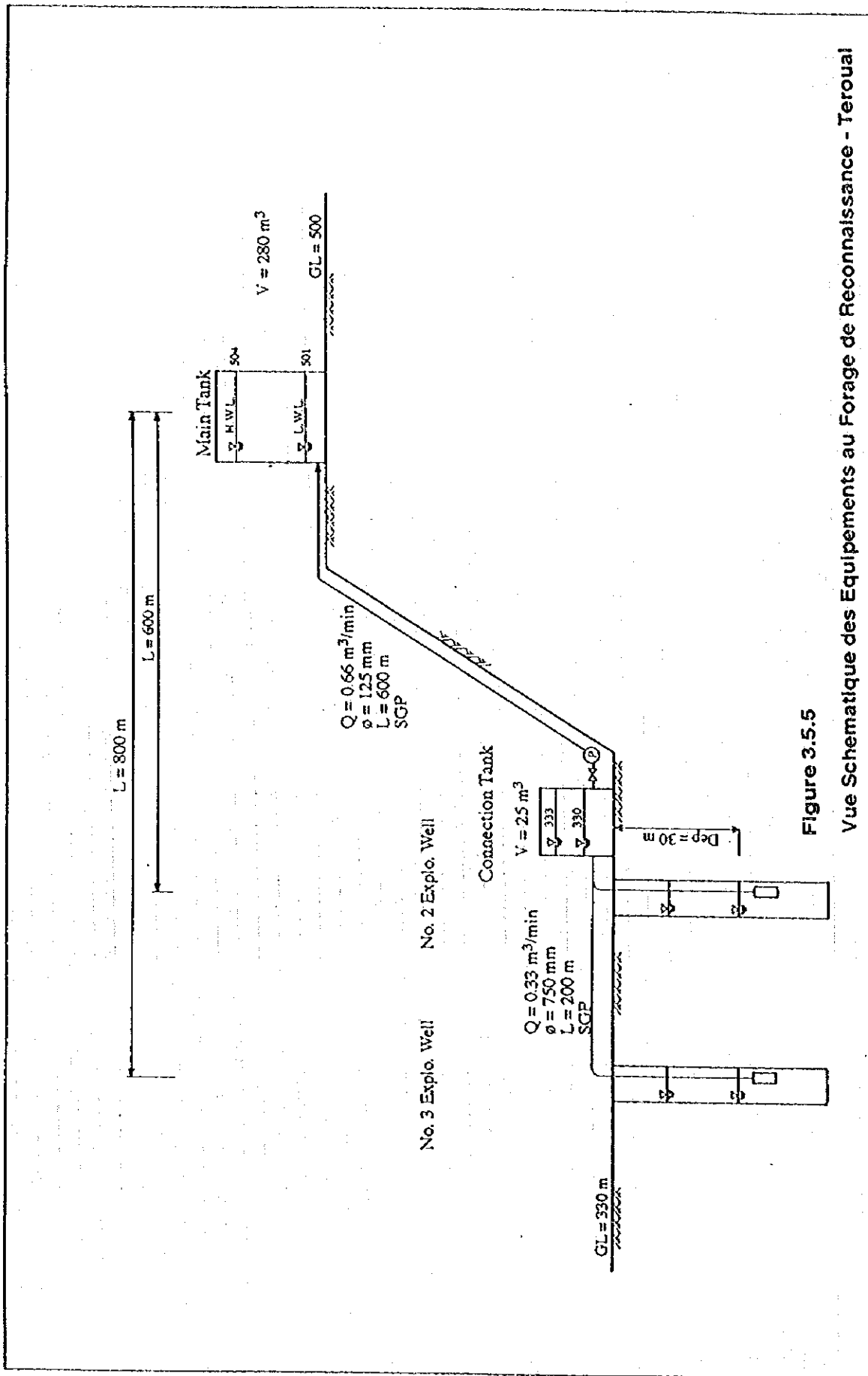


Figure 3.5.5

Vue Schematique des Equipements au Forage de Reconnaissance - Teroual

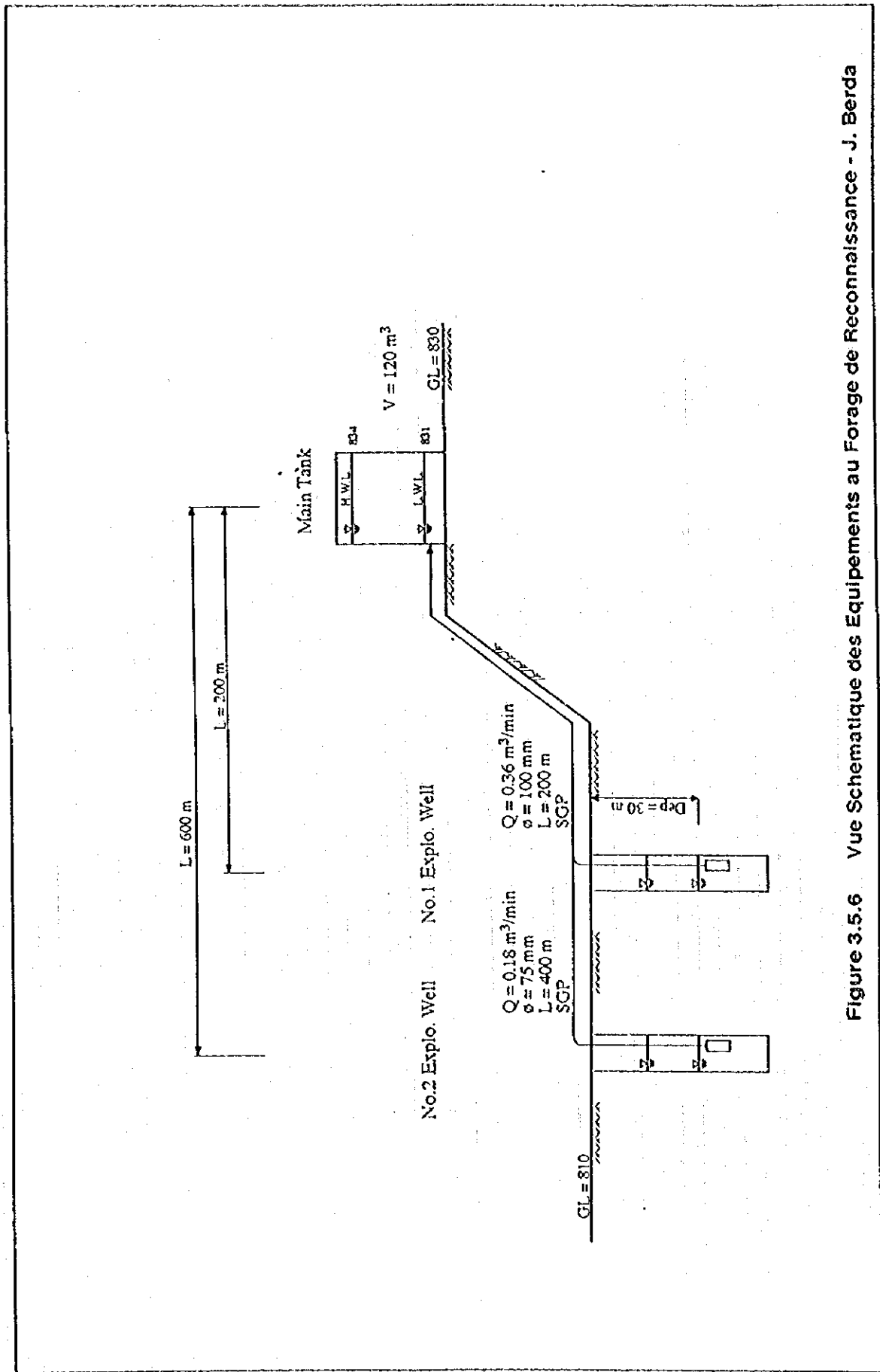


Figure 3.5.6 Vue Schematique des Equipements au Forage de Reconnaissance - J. Berda

Figure 4.1.1.1 Production d'Eau Potable a l'Usine de Traitement - Ain Gdah

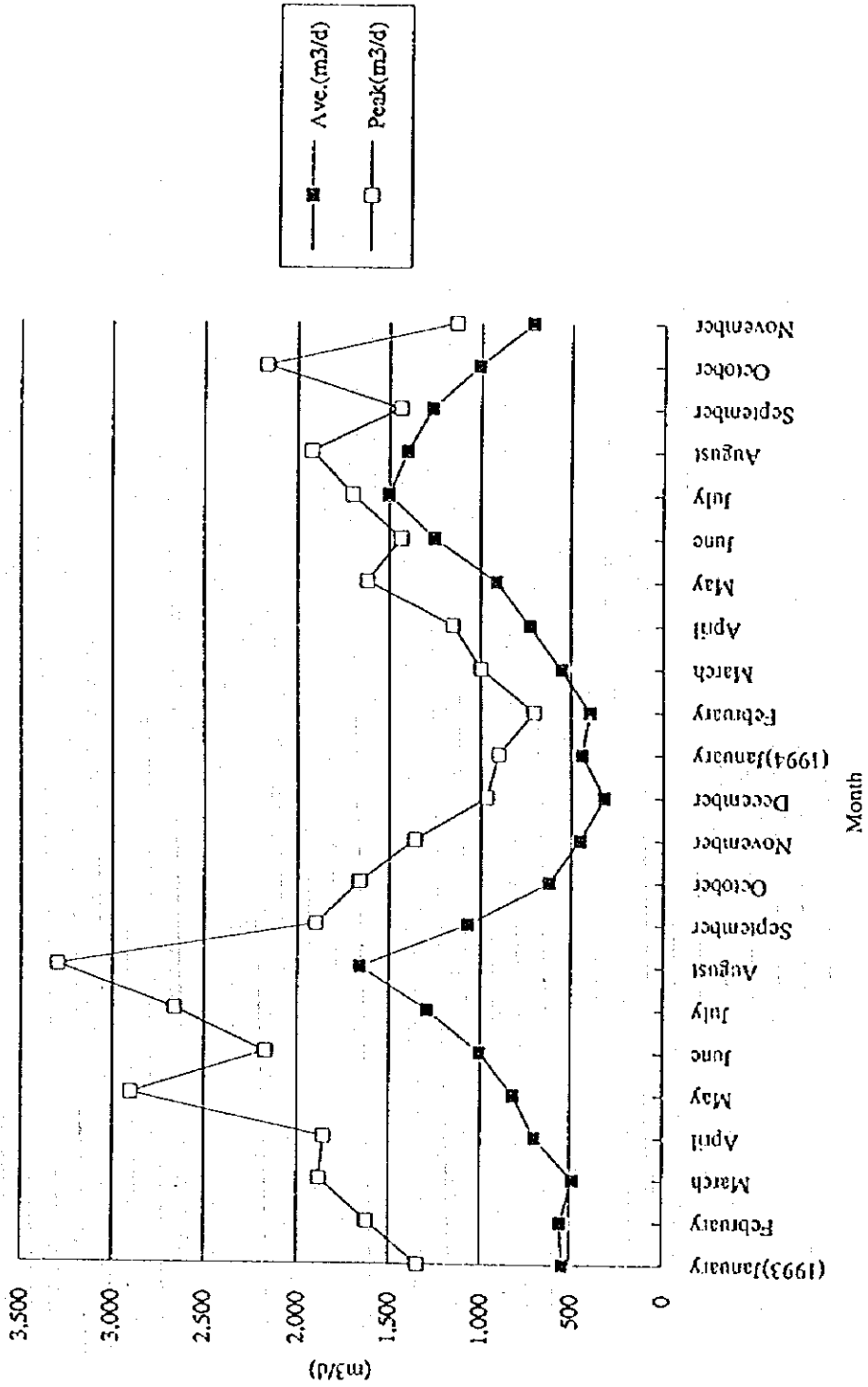
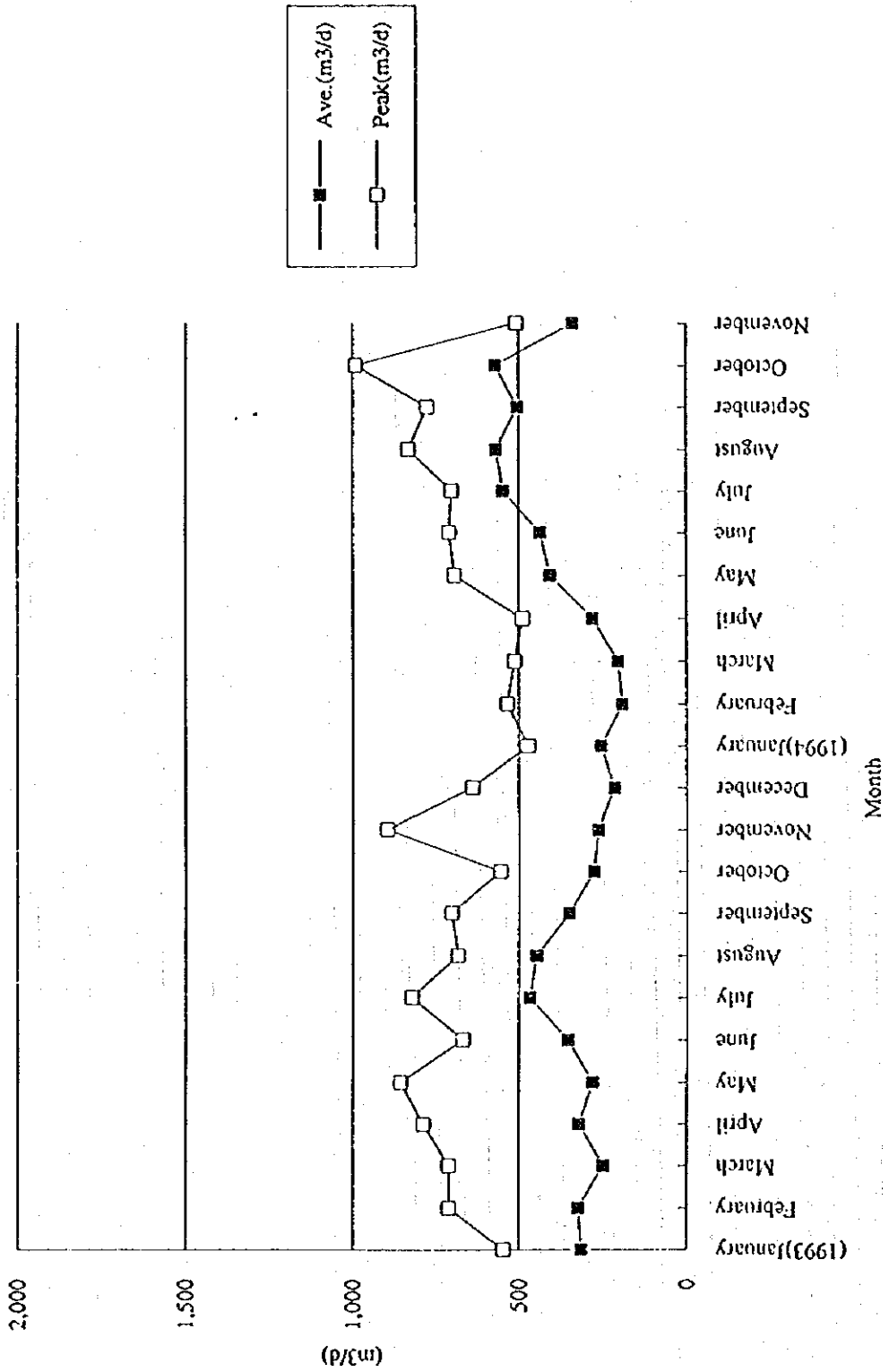


Figure 4.1.2 Production d'Eau Potable a l'Usine de Traitement - Mekansa



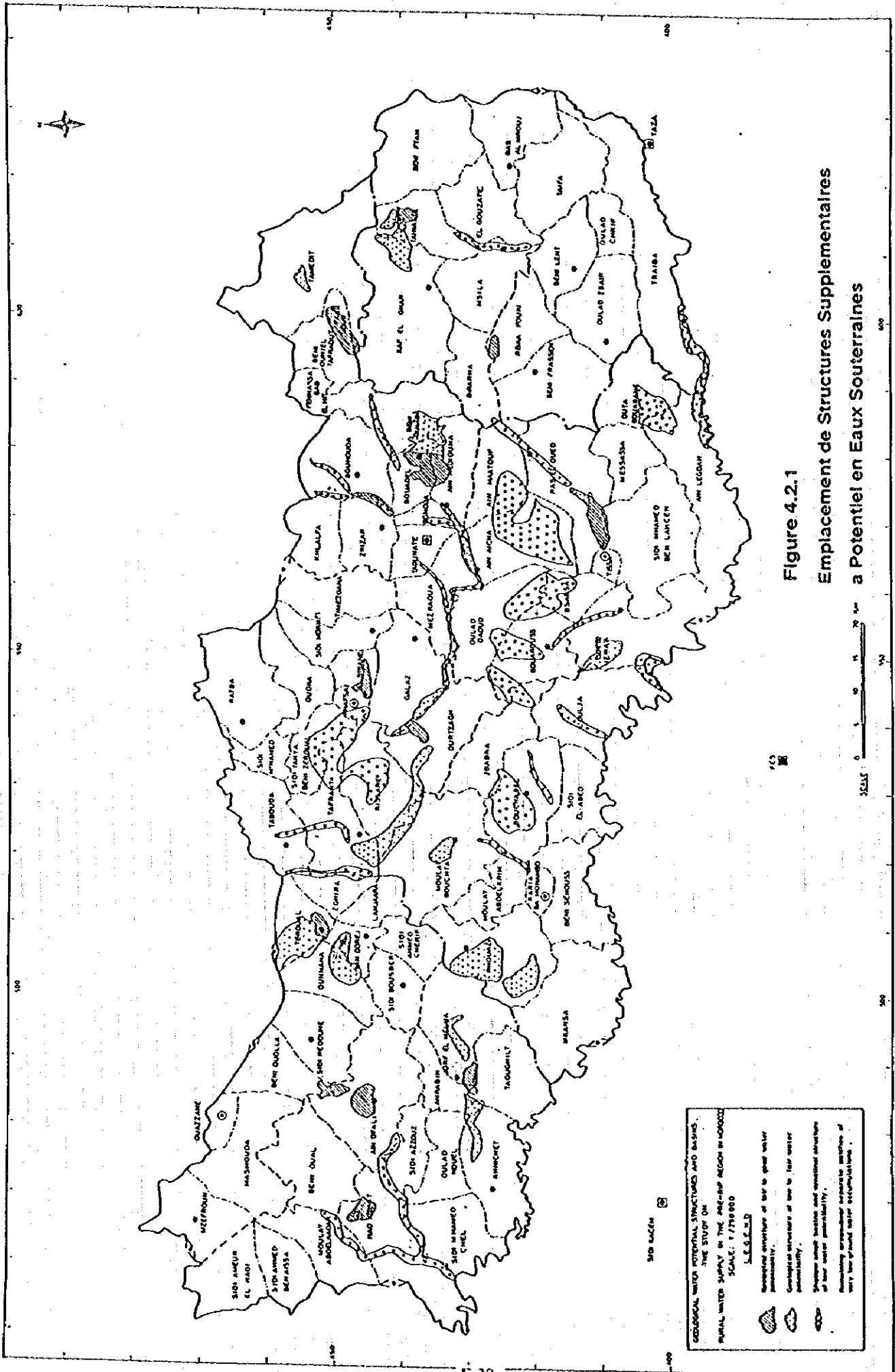


Figure 4.2.1
Emplacement de Structures Supplémentaires
a Potentiel en Eaux Souterraines

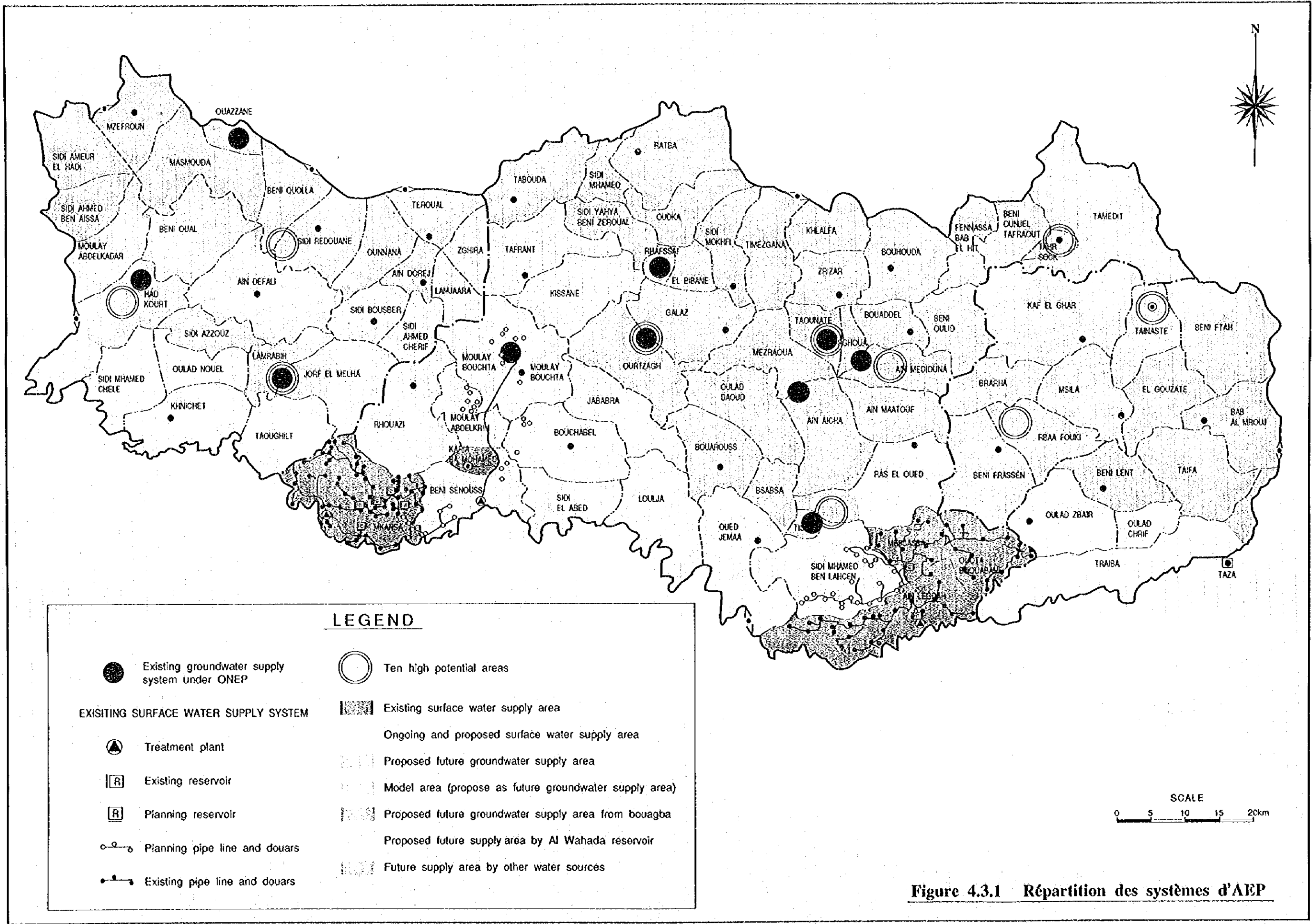
GEOLOGICAL WATER POTENTIAL STRUCTURES AND BASINS
 THE STUDY ON
 RURAL WATER SUPPLY IN THE ADRAR REGION IN MOROCCO
 SCALE: 1/729000
 L.S.C.E.2.3

Represented structures of fair to good water permeability.

 Complete structure of low to fair water permeability.

 Structure with low permeability and structural structure of low water permeability.

 Fault zones and structural structures of low to good water permeability.



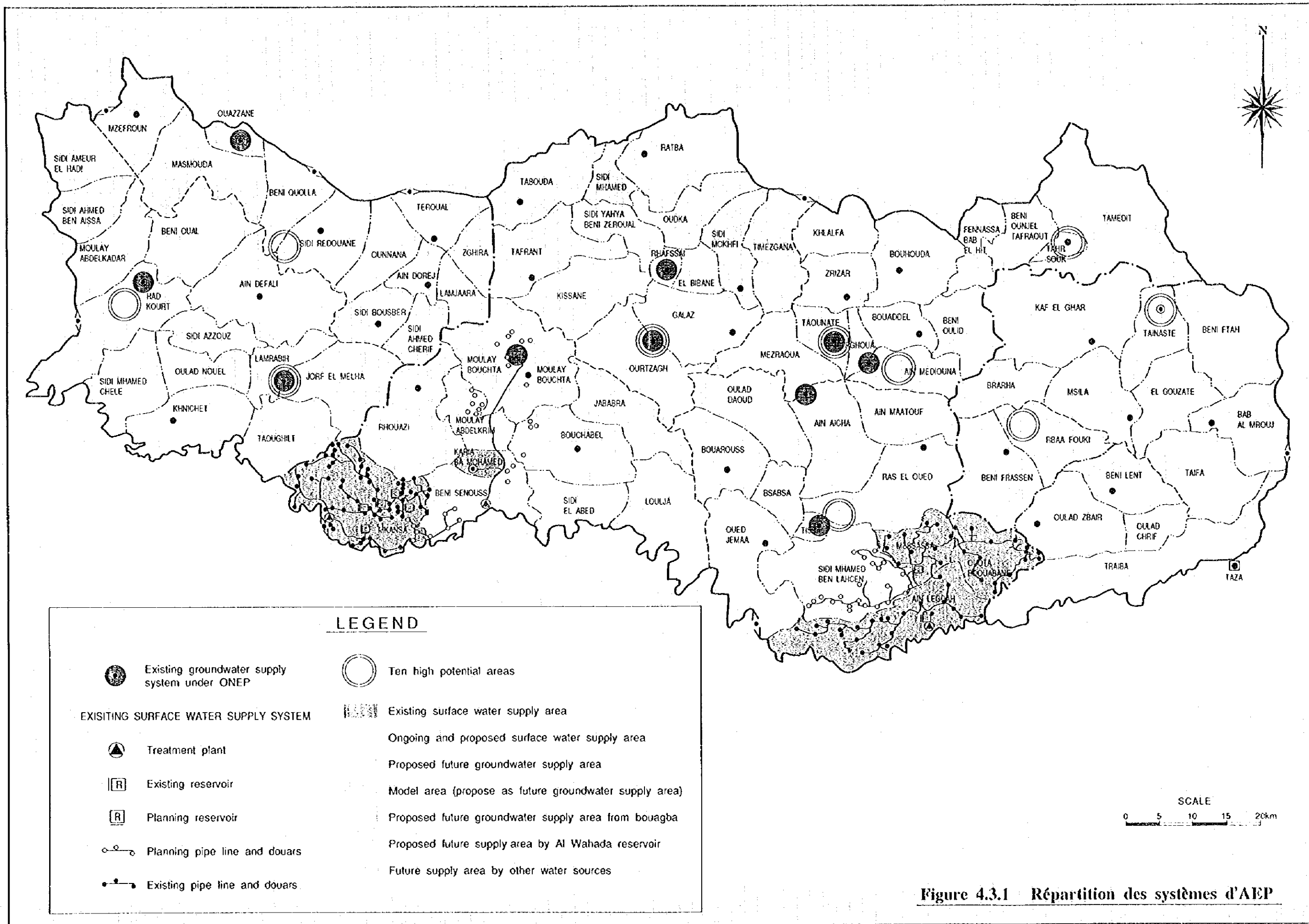
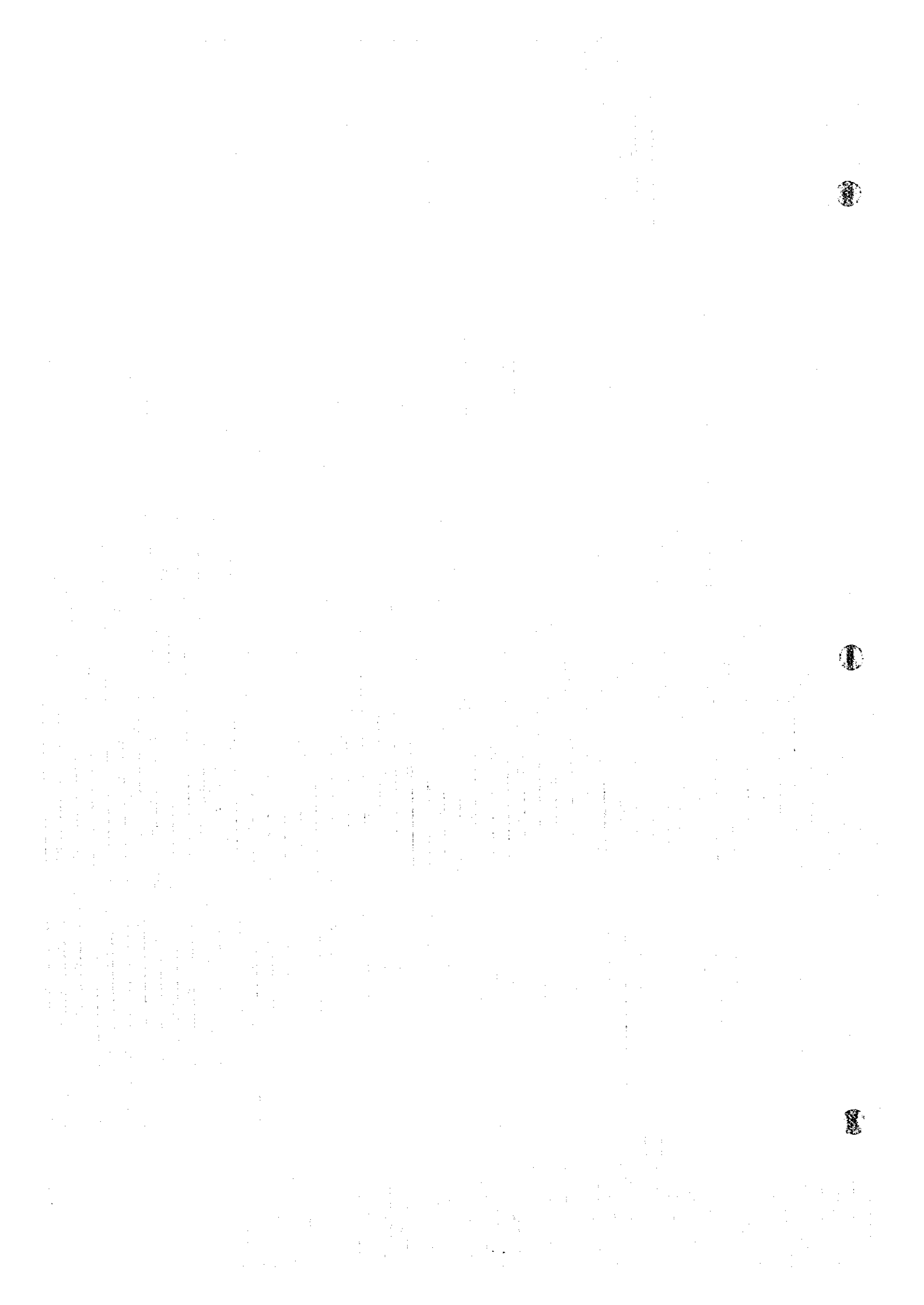


Figure 4.3.1 Répartition des systèmes d'AEP

Figure 4.5.1 Plan de la Mise en Oeuvre du Systeme d'Alimentation en Eau Potable

No.	Implementation Item	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
(1)	Establishment of Water Supply System in Model Areas															
	1) Development by Gravity System															
	2) Development by Pumping System															
(2)	Exploitation of Groundwater Resources															
	1) High potential structures (10 structures)															
	2) Medium potential structures															
(3)	Rehabilitation of Existing Facilities of Groundwater Sources															
	1) Model Areas															
	2) Others in the Study Area															
(4)	Development of Surface Water Supply System															
	1) Rehabilitation and Improvement of ONEP Facilities															
	2) New Water Supply System based on Al Wahda Reservoir															







JICA