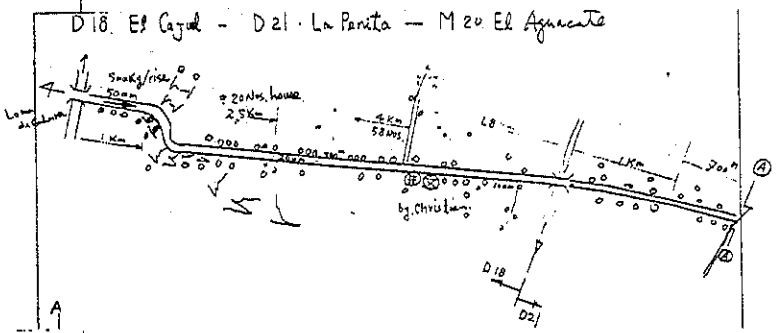
No.	Village	Province	Hydrogeological Classification	Province No.
D-18	El Cajuil	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
72	360	+ 8.0 %	78	390	40	39
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 4
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

D-18 El Cajuil

A village which is approximately 6 km long, located right across Masacre River situated east of Loma de Cabrera.
There are 20 houses within a distance of 2.5 km from the head of the village, and 58 houses are located from here upto 4 km. 2 or 3 of these houses are built 200-500 meters away arriving at the center of the village where a school, a church, etc. are established. The rest of the population resides on the east side of the center of the village at an interval of approximately 1.5 km.

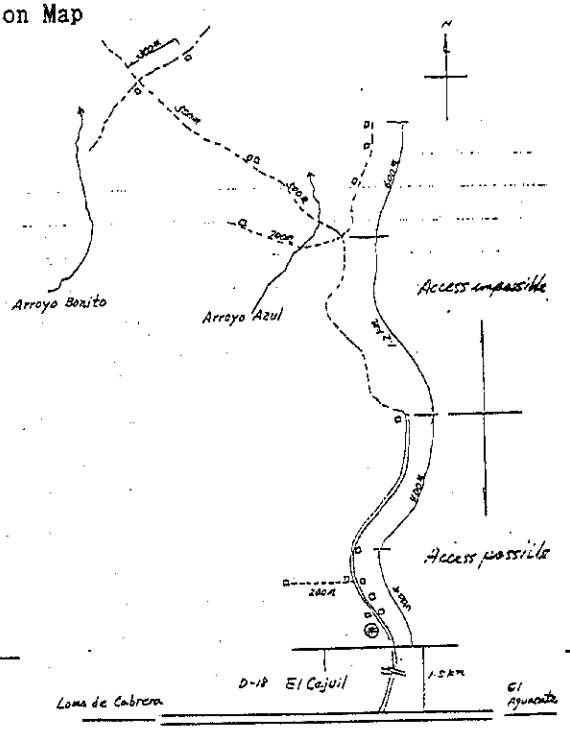
- A hand pump well was constructed in the center of the village in 1982 by the Christian Service Group. The well, however, is undergoing superannuation and its maintenance is defective. Water outflow is not good and 2/3 of the installed bolts can not be found.

No.	Village	Province	Hydrogeological Classification	Province No.
D-19	Arroyo Azul	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
16	128	- 84.0 %	16	128	40	13
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Very Poor	-

Development Plan System	River Water Intake System
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Location Map



Village Condition

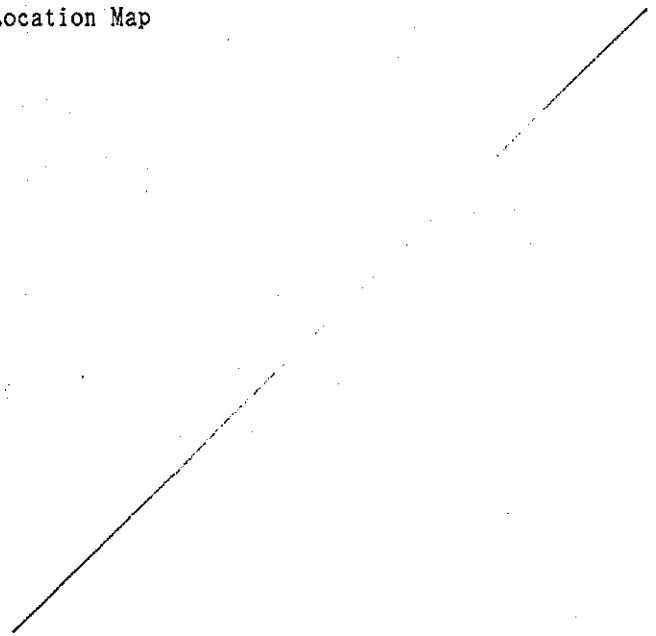
D-19 Arroyo Azul

- Groundwater development plan is impossible because access is very poor.

No.	Village	Province	Hydrogeological Classification	Province No.
D-20	El Aguacate	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
50	276	+ 13.0 %	57	312	40	31
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 3
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

D-20 El Aguacate

The village is located east right after D18 and D21. Go downhill facing north from D21. There is a road traversing 3 swamps that repetitiously goes up and down before arriving at the center of the village. Half of this road is cut and excavated and there are many steep slopes on both sides.

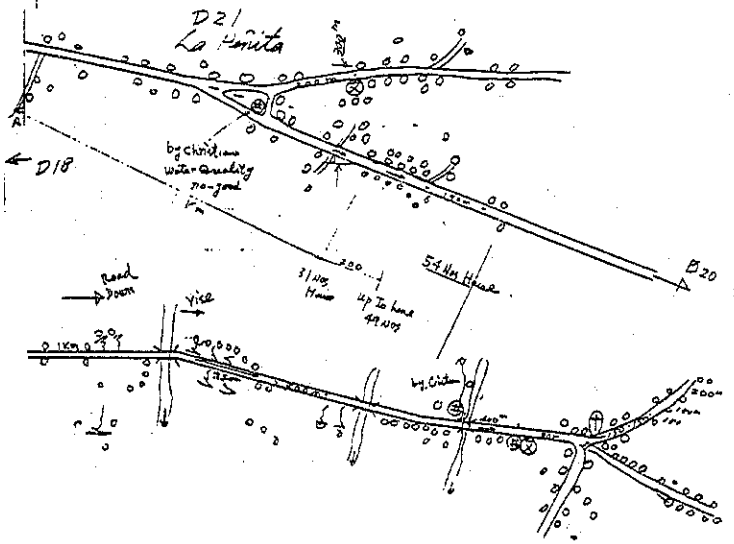
- Near the swamp located at the area before entering the main village is a hand pump well constructed by the Christian Service Group. This pump is effectively used by the residents;
- There is a hand pump well near the center of the village. It is, however, damaged. Near this area is a windmill pump well; the pump has been removed though;
- Most of the residents collect water from the nearby swamp.

No.	Village	Province	Hydrogeological Classification	Province No.
D-21	La Peñita	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
59	316	+ 18.0 %	69	374	40	37
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Development Plan System	Hand pump x 4
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Location Map



Village Condition

The neighboring village east of D18.
Maguaca River is the boundary of D21 and D18.
From the plateau, the topography leading to the boundary varies. A lateral road at the center of the village forks out. The difference in the elevation of the lateral road and the main road is more than 10 meters. To the north of the main road are hills rich in topographical variations. Houses are built 3-10 m from the road on high areas. There are only few houses to the south built on the same level as the road. Length: 1.5 km.

- A hand pump well at the center of the village was constructed by the Christian Service Group in 1982. However, the water has many iron contents due to the well's corroded state. The water is undrinkable and the pump is damaged and left unattended;
- Below the slope of the hill is a stream which is the water resource of neighboring villages;
- The majority of the village residents rely on the flow of the Maguaca River.

No.	Village	Province	Hydrogeological Classification	Province No.
D-22	La Pozos	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
20	120	- 83.0 %	20	120	40	4
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map

See D-21 La Peñita

Development Plan System	Under Construction by FUDECO
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

D-22 La Pozos

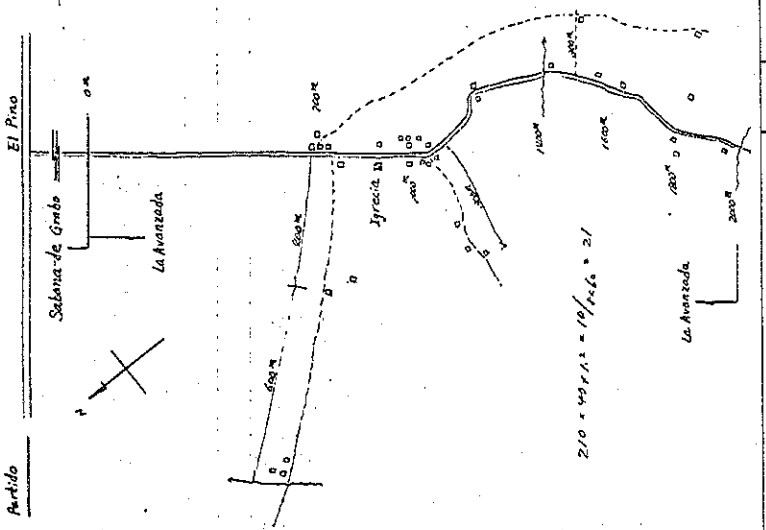
- Surface water treatment system under construction by FUDECO.

No.	Village	Province	Hydrogeological Classification	Province No.
D-23	La Avanzada	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
35	210	- 63.0 %	35	210	40	21
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-2)	Poor	Low	Good	Poor	-

Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Location Map



Village Condition

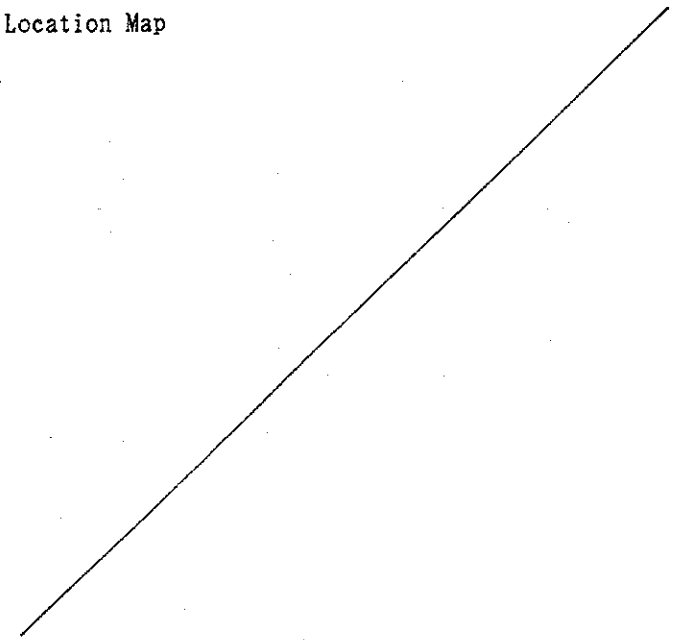
D-23 La Avanzada

- The road shows very steep ups and downs, but it is possible to drive a drilling machine car.

No.	Village	Province	Hydrogeological Classification	Province No.
D-24	Palo Blanco	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
50	296	+ 0,5 %	50	296	40	10
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Suurface Water Treatment System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

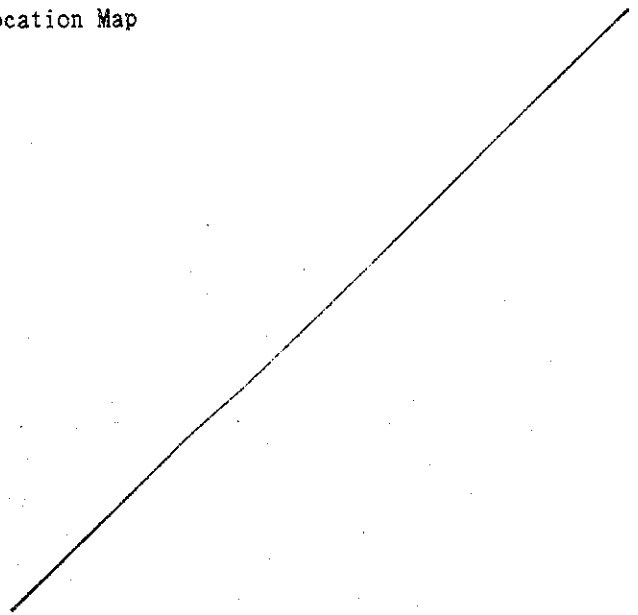
D-24 Pala Blanco

- Surface water treatment system under construction by FUDECO. This Project includes D25 and D26 as well.

No.	Village	Province	Hydrogeological Classification	Province No.
D-25	Arrojo de la Jagua	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
60	360	- 6.0 %	60	360	40	12
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Surface Water Treatment System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

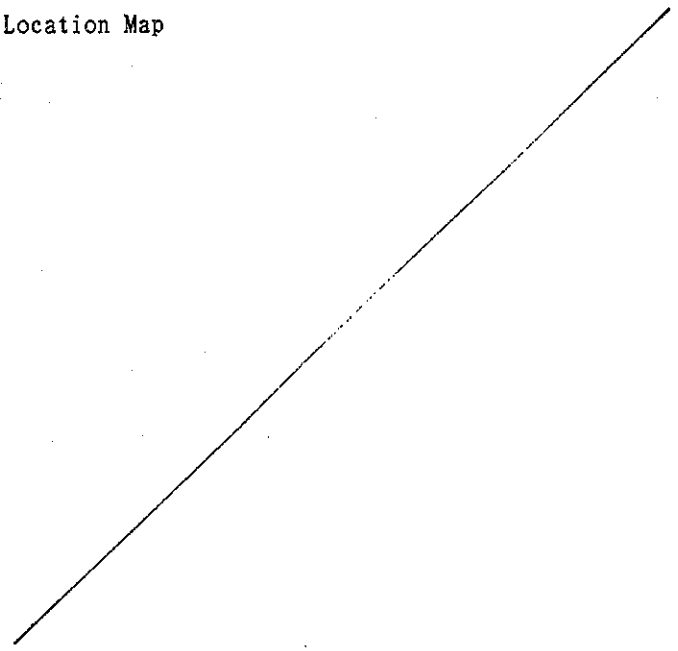
D-25 Arrojo de la Jagua

- Under construction by FUDECO.

No.	Village	Province	Hydrogeological Classification	Province No.
D-26	LA Jagua	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
90	540	- 40.0 %	90	540	40	18
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	SiⅢ-1)	Poor	Jow	Good	Good	-

Location Map



Development Plan System	Surface Water Treatment System
Classification of the Plan	S-Ⅲ-2)
Implementation Program	C-(S)

Village Condition

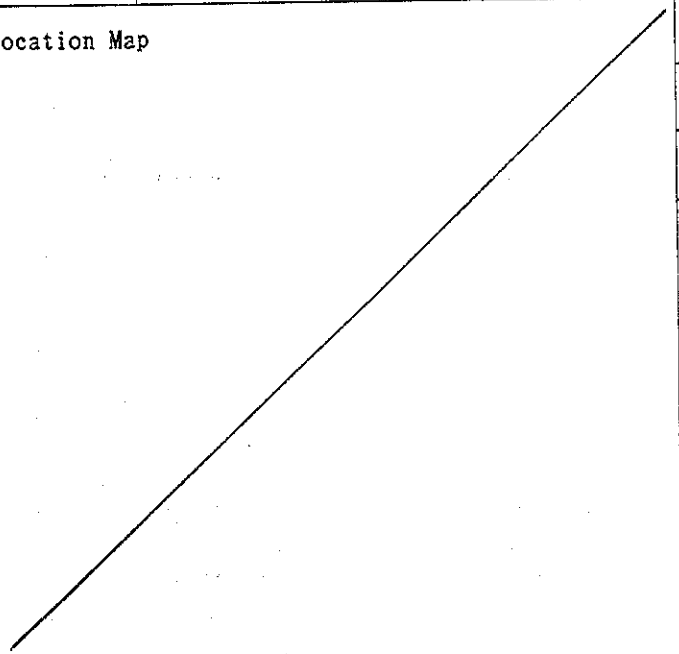
D-26 La Jagua

- Under construction by FUDECO.

No.	Village	Province	Hydrogeological Classification	Province No.
D-27	La Luisa	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
77	377	+ 8.0 %	83	407	60	20
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Low	Good	Good	-

Location Map



Development Plan System	Surface Water System by FUDECO
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

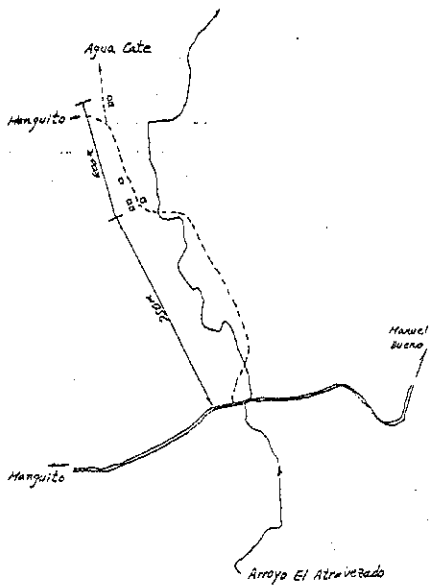
D-27 La Luisa

- FUDECO has undertaken the construction of water supply facilities.

No.	Village	Province	Hydrogeological Classification	Province No.
D-28	Las Cacaos	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
7	34	- 84.0 %	-	-	-	-
Source	System	Condition	Potential	Quality	Drilling Access	Others
-	-	-	-	-	-	-

Location Map



Development Plan System	Village Dispersion
Classification of the Plan	-
Implementation Program	

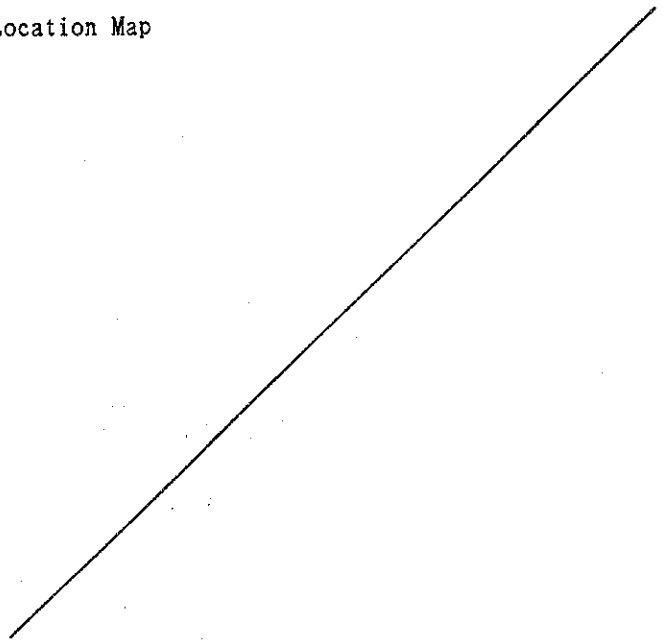
Village Condition

Village Dispersion

No.	Village	Province	Hydrogeological Classification	Province No.
D-29	Sabana Gurabo	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
273	1638	- 0.0 %	273	1638	60	82
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-3)	Good	Low	good	Good	-

Location Map



Development Plan System	Surface Water Supply by INAPA
Classification of the Plan	S-III-3)
Implementation Program	C-(S)

Village Condition

D-29 Sabana Gurabo

- Water supply facilities was constructed by INAPA.
- In this Project, water is intaken from the river.

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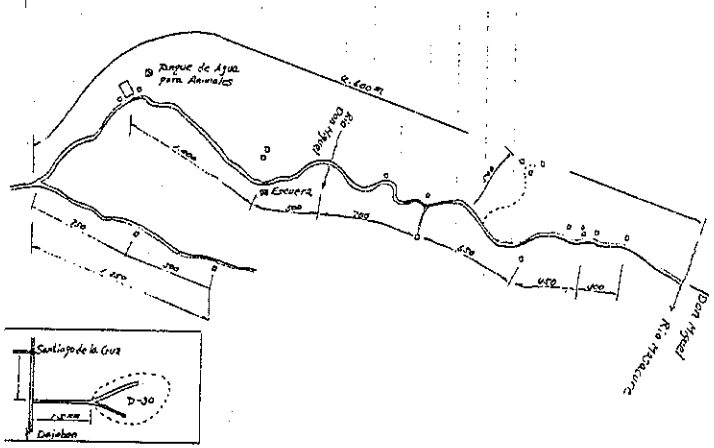
No.	Village	Province	Hydrogeological Classification	Province No.
D-30	Los Soias	Dajabon	Cordillers Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
20	120	- 77.0 %	-	-	-	-
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	-	-	-	-	-	-

Location Map



Development Plan System	Village Dispersion
Classification of the Plan	-
Implementation Program	-

Village Condition

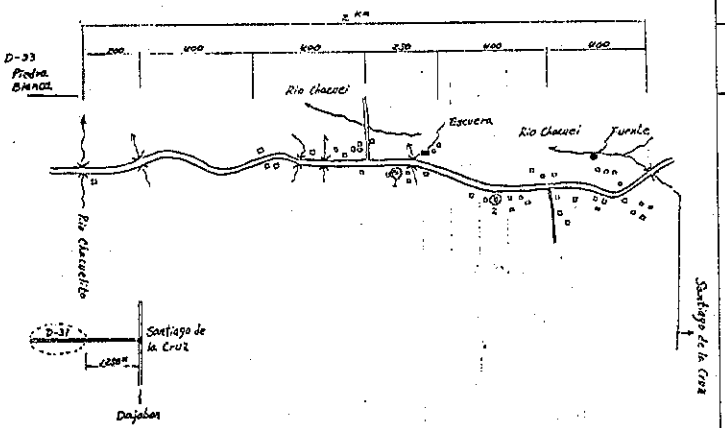
Village Dispersion

No.	Village	Province	Hydrogeological Classification	Province No.
D-31	Pinal Claro	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
43	270	+ 29.0 %	71	347	40	34
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-2)	Poor	Low	Good	Good	-

Development Plan System	Hand Pump x 4
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Location Map



Village Condition

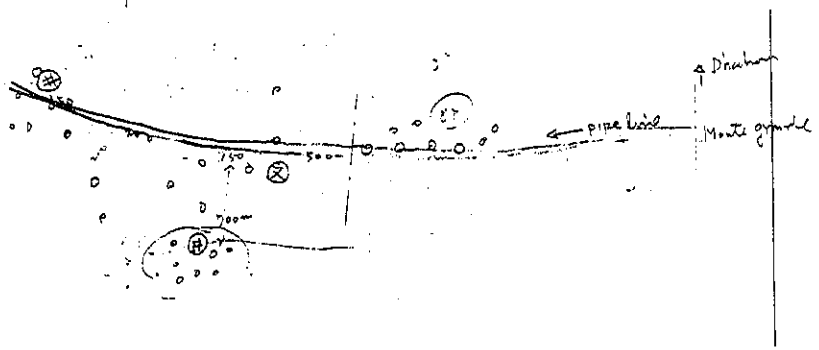
D-31 Pinal Claro

- Of the two existing pumps, No.1 is operating, but No.2 is damaged.

No.	Village	Province	Hydrogeological Classification	Province No.
D-32	Paso de Jacinto	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
25	120	- 39.0 %	25	120	60	6
Source	System	Condition	Potential	Quality	Drilling Access	Others
Strem	S-IV-3)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface Water Supply By FUDECO
Classification of the Plan	S-IV-2)
Implementation Program	C-(S)

Village Condition

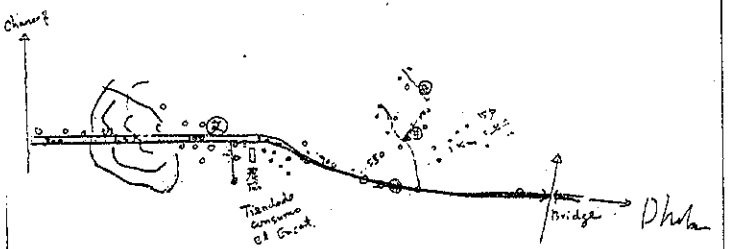
Located 1 km west of Monte Grande.
Take the Dajabon - Loma de Cabrera road, then the lateral road to the west of Monte Grande to arrive at a much undulated plateau. There are very few flat areas.
The elevation of both sides of the road changes from high to low.

- The group at the village entrance near Monte Grande comprises 8 houses and relies on the Monte Grande water pipeline for their water supply;
- The group made up of 5 houses at the southern end of the main road uses the hand pump well constructed by INAPA;
- The village group along the riverside comprising 8 houses relies on the hand pump well constructed by the Canadian Christian Church for their water supply;
- The group near the school located along the main road relies on the nearest well for their water supply.
- The Monte Grande treatment plant was constructed by FUDECO.

No.	Village	Province	Hydrogeological Classification	Province No.
D-33	Piedra Blanca	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
49	400	- 0.0 %	49	400	40	40
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-2)	Good	Low	Good	Good	-

Location Map



Development Plan System	Good Condition
Classification of the Plan	G-I-1)
Implementation Program	

Village Condition

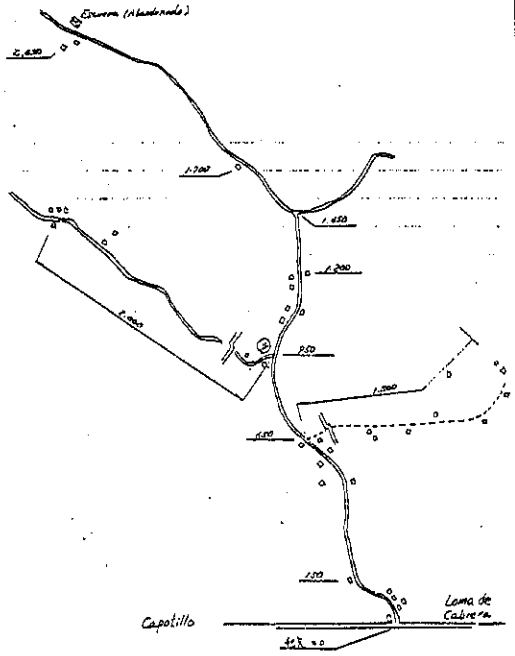
Located along the road 4-5 km east of Santiago del Cruz. The village is bounded to the west by Chacuey River. The main village can be found at the ridge going up to the chacuey River's eroded terrace to the direction of Dajabon; another village group can be found west of the ridge at the lowland area of the plateau. To the north of the plateau is a lateral road, and along this road is another village group. All in all there is 3 village groups.

- The villagers staying on the plateau have no effective water facilities. Their main source of water is the flow of Chacuey River;
- The villagers residing below the plateau make use of 4 hand pump wells,(1) the well down the plateau, (2) the well approximately 600 m from the east lateral road, (3) the well approximately 900 m from the east lateral road, and (4) the well located 1 km away upon entering the west lateral road.

No.	Village	Province	Hydrogeological Classification	Province No.
D-34	La Hoya	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
38	228	- 0.0 %	38	228	40	23
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

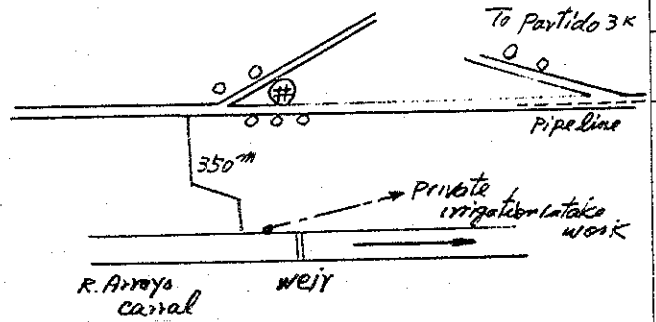
Village Condition

D-34 La Hoya
One existing well is supplying water of good quality and in fair quantity.

No.	Village	Province	Hydrogeological Classification	Province No.
D-35	Los Indios	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
54	265	+ 32.0 %	70	349	60	17
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface Water Supply System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

D-35 Los Indios

- Potable water system; door to door water supply (27 houses); self-provision;
- Maguaca River, Arroyo Carrel River (the water supply of potable water system decreases in the afternoon due to low water pression);
- The Partido System provides door to door water supply to 27 houses;
- Approximately half of the farmers collect the flowing water of Arroyo Carrel River located 0.3-0.5 km away through the irrigation dam;
- 1 hand pump well was constructed, but its pump is out of order.

819

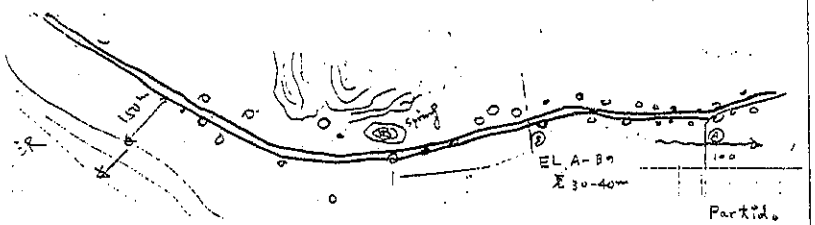
No.	Village	Province	Hydrogeological Classification	Province No.
D-36	La Pina	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
62	266	- 0.0 %	81	377	60	18
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Good	Good	Good	Good	-

Development Plan System	Surface Water Supply System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Location Map

D.36. La Pina



Village Condition

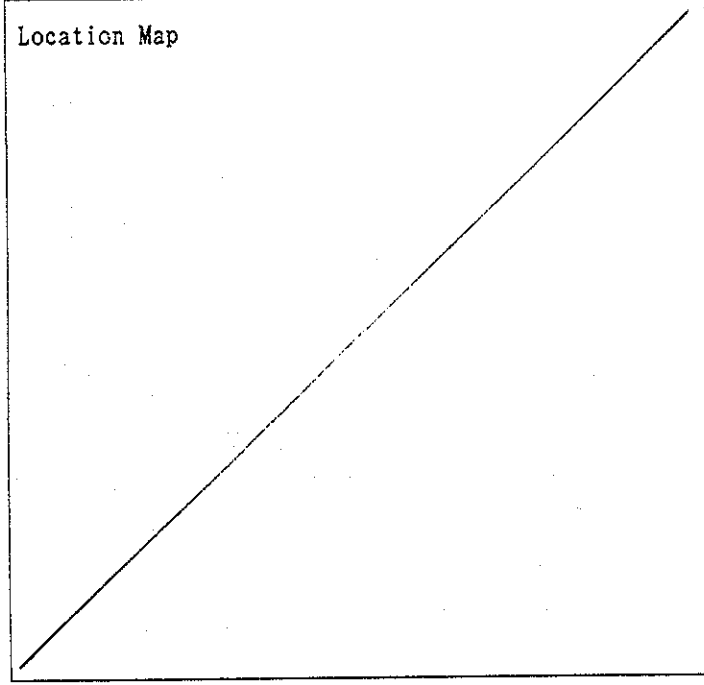
Located 1.5 km of Partido.
A small stream acts as a boundary between Partido and the village. Across the stream from Partido is a village surrounding a hill. A road branches out to the left and to the right of the area.
The village is structured along the left road. The road leads to the hilltop with 1/10 - 1/8 gradients.
Half of the village is structured on both sides of the road between the hills. Half of the road covers the saddle of the plateau. The width of the saddle road is 2-3 km, and is much undulated with hills to the north and the skirt of the hill to the south sloping down to the stream of the Maguaca River. Houses are built on elevated areas on both sides of the valley road.

- Approximately 15 houses are built approximately 200 m from the village entrance. These rely on the Partido Water Supply System where door to door distribution is being carried out.

No.	Village	Province	Hydrogeological Classification	Province No.
D-37	Partido	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
67	329	+ 1.0 %	68	334	60	17
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface Water Supply System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

D-37 Partido

Partido Water Supply System is distributed in four villages as follows:

(Partido water treatment plant) (pipelines)

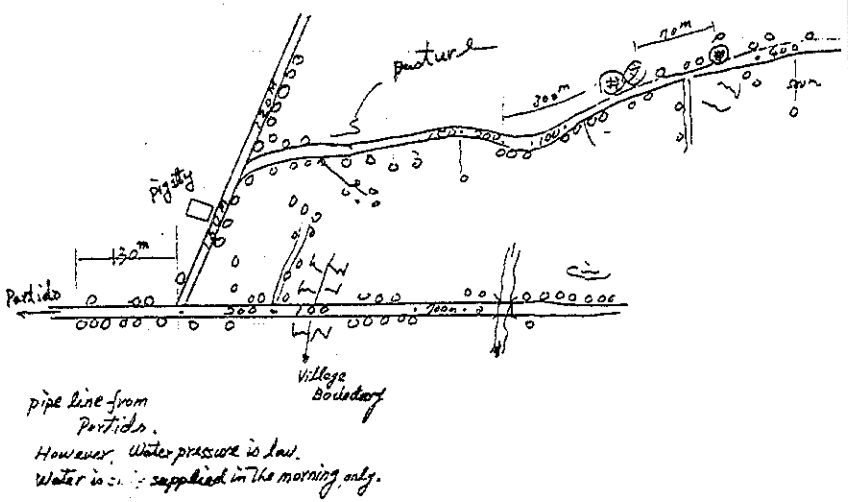
D37 Partido: ----------> D36 Lapina
----------> D35 Los Indios
----------> D38 Sangre Linda

- The villagers use the natural falls of Maguaca River flowing southwest of the town (height: 7-10 m). The falls supply water to approximately 2200 residents, including those of the neighboring villages;
- There are enough water resources, but the water treatment methods are not as effective as before. As a result, the demands of the villagers are not met satisfactorily.

No.	Village	Province	Hydrogeological Classification	Province No.
D-38	Sangre Linda	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
72	363	+ 21.0 %	87	439	60	22
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface Water Suplly System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

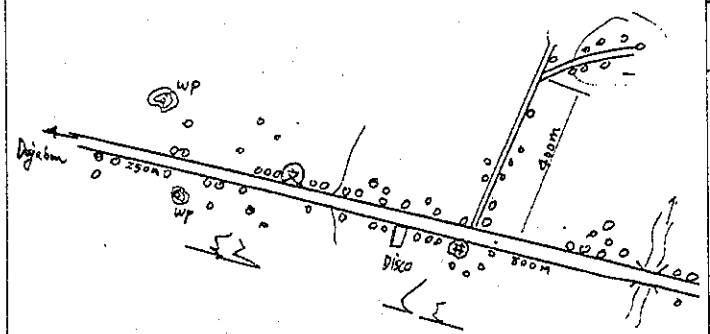
D-38 Sangre Linda

- Villagers residing along the national road and at the lateral road junction rely on the Partido Water Supply System for the door to door water distribution. However, water supply stops in the afternoon because water pressure decreases. Water pressure decreases because the areas is highly elevated.
- Approximately 100 m away from the lateral road are two hand pump wells. The villagers residing along this road make use of the wells.

No.	Village	Province	Hydrogeological Classification	Province No.
D-39	Buen Gusto	Dajabon	Cordillera Centrale	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
70	288	+ 14.0 %	79	328	40	33
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 3
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

D-39 Buen Gusto

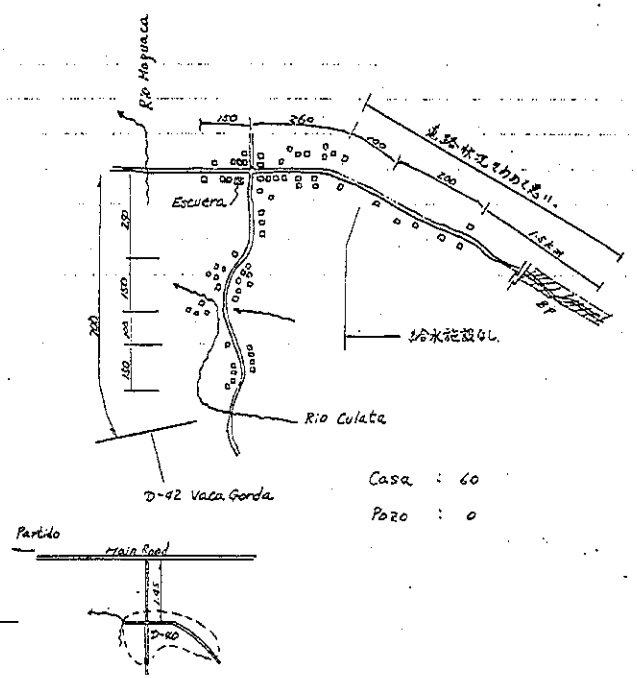
Located 5 km away east of Partido.
The village is largely divided into 4, but with exception of approximately 20 houses, the population resides along the national road.
To the south of the road are hills with steep slopes. The houses are lined up on the northern side of the road at a ratio of 2:1.

- There is a hand pump communal well at the lateral road junction at the center of the plateau where the villagers reside.
- However, the well is more than 1 km away from the farthest village. The villagers make use, therefore, of the run-off of Maguaca River or collect water from the nearest swamp.

No.	Village	Province	Hydrogeological Classification	Province No.
D-40	La Culata	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
63	378	- 19.0 %	63	378	60	19
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Good	Good	Good	-

Location Map



Development Plan System	Surface Water Supply System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

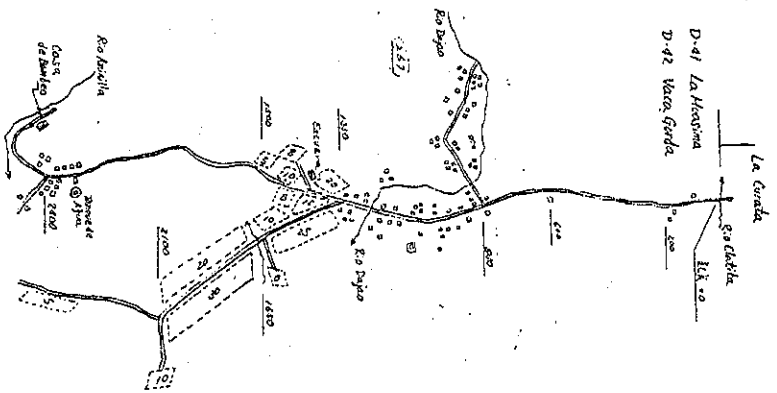
D-40 La Culata

- The village relies on the Partido Water Supply System. However, water supply shows bad conditions because the water pressure decreases due to high elevation, and electricity condition is poor.
- According to the development plan, water will be fully distributed in the village by INAPA.

No.	Village	Province	Hydrogeological Classification	Province No.
D-41	La Huasina	Dajabn	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
825	4950	- 0.0 %	825	4950	60	247
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Surface Water Supply System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

D-41 La Huasima

- There is an engine-operated water supply facility in the village, but it does not operate at present.
- The Development Plan recommends the future rehabilitation of the facilities by INAPA.

No.	Village	Province	Hydrogeological Classification	Province No.
D-42	Vaca Gorada	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
-	-	-	-	-	-	-
Source	System	Condition	Potential	Quality	Drilling Access	Others
-	-	-	-	-	-	-

Location Map

D-41 and D-42 villages are affiliated.

Development Plan System	Including with the No. 41 Village
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

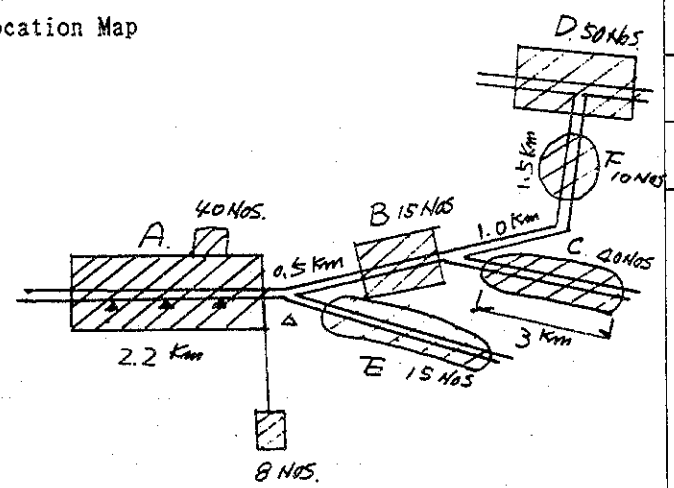
D-42 Vaca Garada

- Included with D41.

No.	Village	Province	Hydrogeological Classification	Province No.
D-43	Aminilla	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
87	443	+ 48.0 %	133	677	47	68
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 7
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

D-43 Aminilla

Located 35 km southeast of Dajabon.
A wide-scale plantation of tobacco is located on the plateau, at the left side of Guayubin River.

- Out of the 6 village groups, 3 of the groups are provided with hand pump wells (6 wells). However, the pump of one of the wells has been removed;
- The villagers at the northern uppermost end collect the flow water of Guayubin River.
- The Aminilla River provides no flow in the dry season;
- A swamp can be found at the hollowed area of the northern plateau. Water intake the whole year round is possible in the swamp.

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No.	Village	Province	Hydrogeological Classification	Province No.
D-44	Carrizal	Dajabon	Cordillera Central	IV

Water Supply Present Condition (1990)		
Household	Population	Growth Rate 1981-1990
72	432	- 0.0 %
Source	System	Condition
Stream	S-IV-2)	Good

Water Supply Development Plan for 2000			
Household	Population	Consumption (L/c/d)	Demand(L/min)
72	432	60	21
Potential	Quality	Drilling Access	Others
Good	Good	Good	-

Development Plan System	Stream WAter Supply System
Classification of the Plan	S-VI-2)
Implementation Program	C-(S)

Location Map

Village Condition

D-44 Carrizal

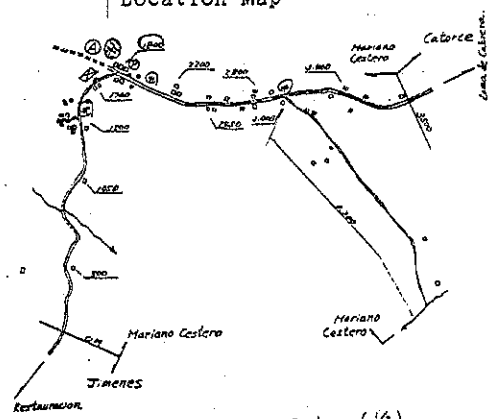
- A stream water supply system was constructed by FUDECO.

No.	Village	Province	Hydrogeological Classification	Province No.
D-45	Mariano Cestero	Dajabon	Valle de San Juan	V

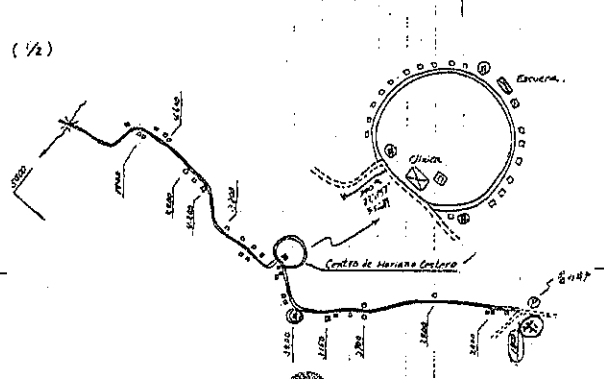
Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
95	570	- 0.0 %	95	570	40	56
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand pump	G-I-1)	Very Poor	Low	Poor	Good	-

Development Plan System	Hand pump x 6
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Location Map



D-45 Mariano Cestero (1/2)



D-45 Mariano Cestero (2/2) ④

Village Condition

D-45 Mariano Cestero

- The villagers collect water from the nearest river, and use it as domestic water;
- Among the three existing wells, two are not used due to a poor water quality.

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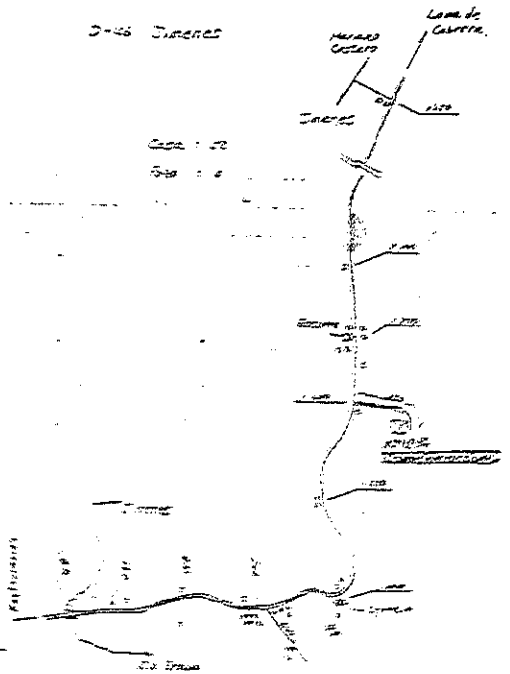
No.	Village	Province	Hydrogeological Classification			Province No.
D-46	Jimenez Abaja	Dajabon	Valle de San Juan			V
Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
52	312	- 0.0 %	52	312	40	1
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Surface Water Supply System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

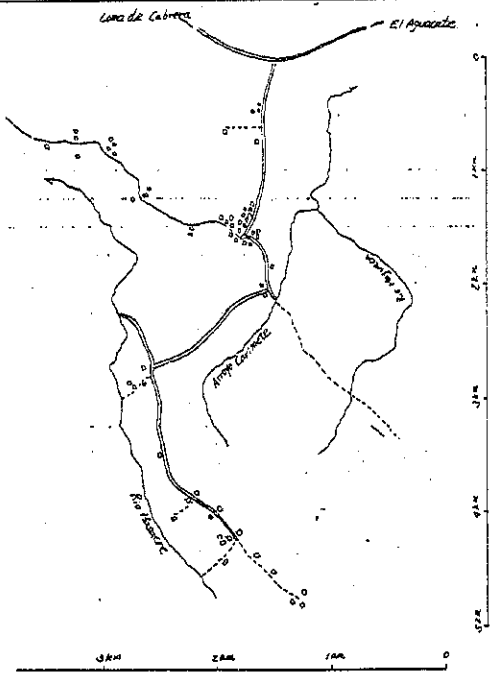
D-46 Jimenez Abaja

- A Reclamation Water treatment plant is still under construction in this village.
- Treated water will be distributed in the village in the near future.

No.	Village	Province	Hydrogeological Classification	Province No.
D-47	La Pocilga	Dajabon	Valle de Sun Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
20	138	- 0.0 %	20	138	40	14
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Good	Good	Good	-

Location Map



Development Plan System	Villabe Dispersion
Classification of the Plan	-
Implementation Program	-

Village Condition

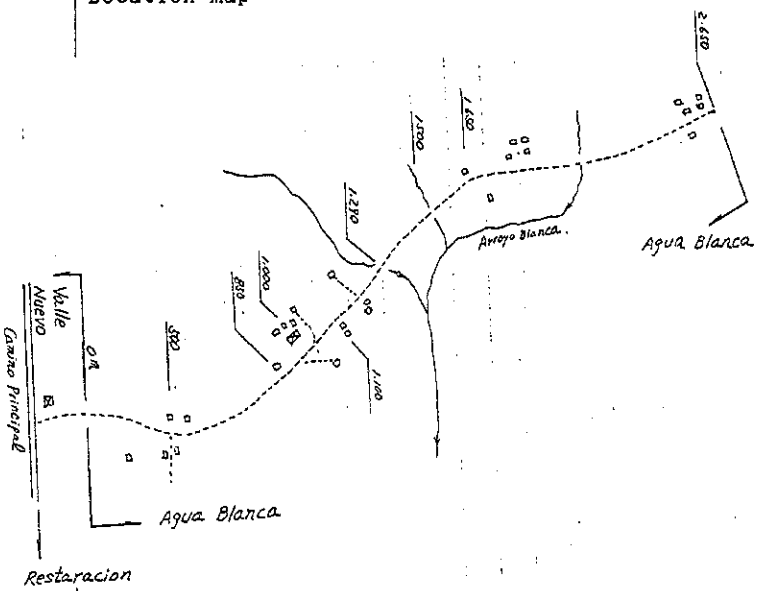
D-47 La Pocilga

Village dispersion.
- Villagers are drinking stream water.

No.	Village	Province	Hydrogeological Classification	Province No.
D-48	Aqua Blanca	Dajabon	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
50	300	-0.0 %	50	300	40	30
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Very Low	Good	Very poor	-

Location Map



Development Plan System	Spring and River Water Intake
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

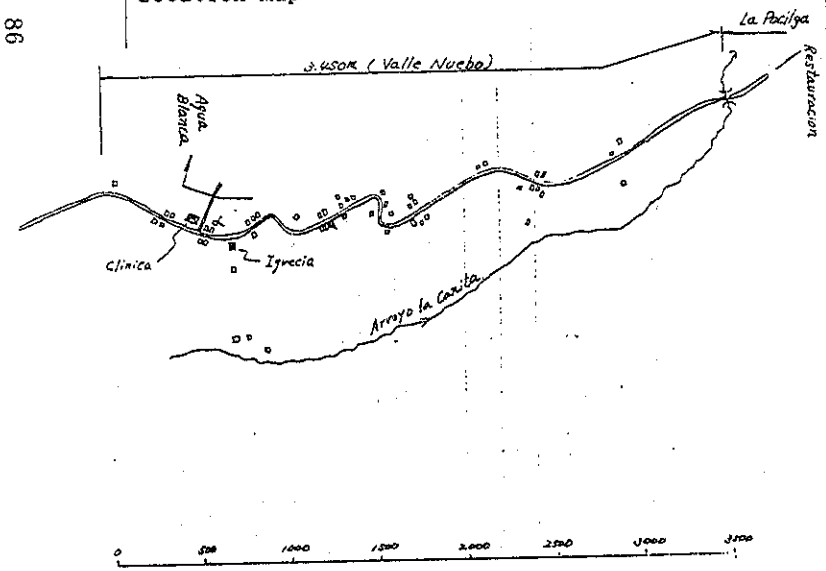
D-48 Agua Blanca

- Groundwater development is impossible because water potential is very low and access is very difficult.
- The villagers collect water from the springs and the nearest river.

No.	Village	Province	Hydrogeological Classification	Province No.
D-49	Valle Nuevo	Dajabon	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
52	312	- 0.0 %	52	312	40	21
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 3
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

D-49 Valle Nuevo

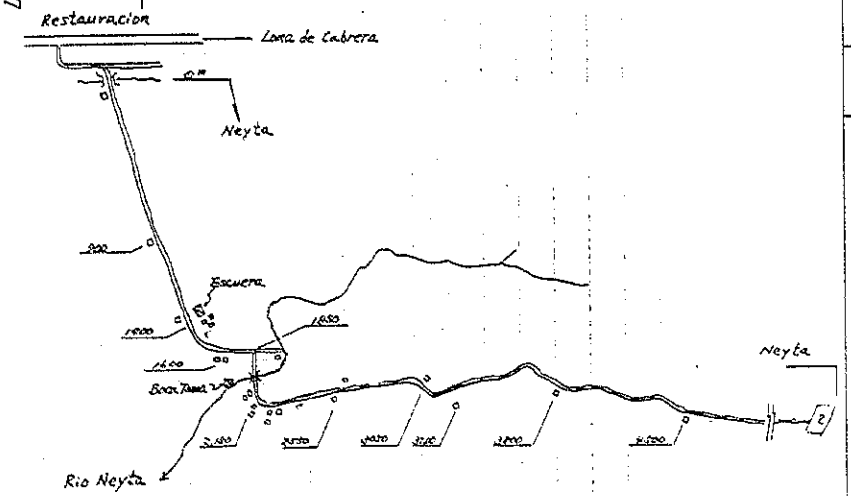
- The villager are drinking water collected at the nearest river.
- Groundwater development plan is possible.

No.	Village	Province	Hydrogeological Classification	Province No.
D-50	Neyta	Dajabon	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
32	192	- 92.0 %	32	192	40	19
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Poor	-

Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Location Map



Village Condition

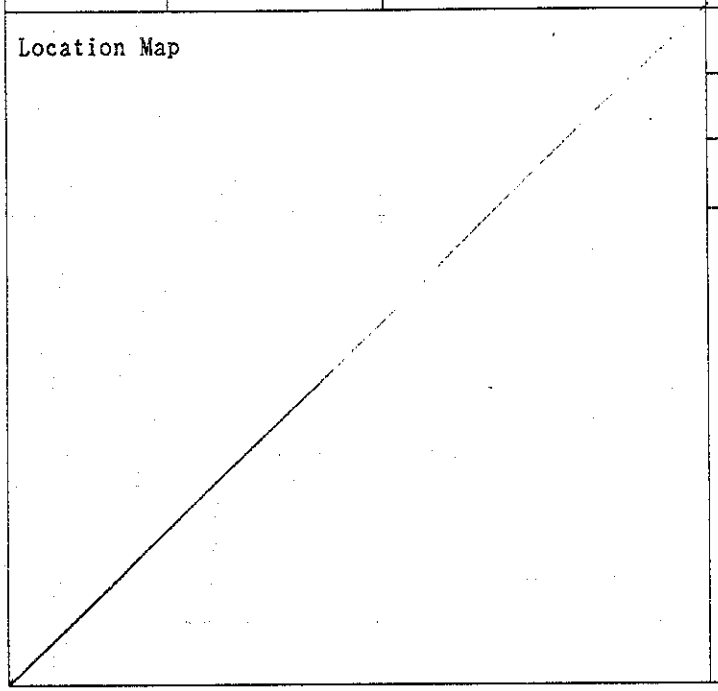
D-50 Neyta

- The villagers collect the water of Rio Neyta.
- Access road needs to be repaired on approximately 1.5 km.

No.	Village	Province	Hydrogeological Classification	Province No.
D-51	Los Corezos Quita	Dajabon	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
18	8	- 0.0 %	18	08	40	10
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface Water Supply System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

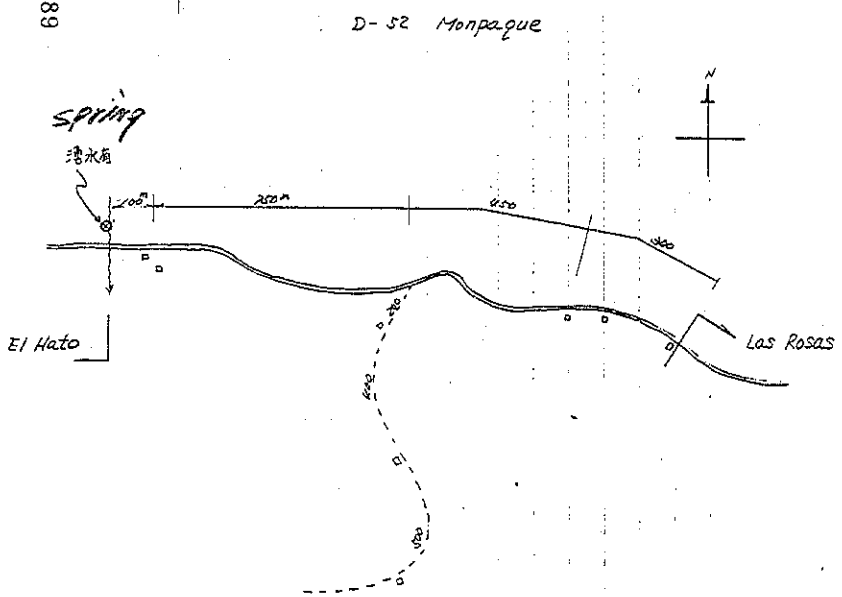
D-51 Los Corezos o Quita

- A simple treatment plant was constructed by ISS, with house connections.

No.	Village	Province	Hydrogeological Classification	Province No.
D-52	Manpoque	Dajabon	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
10	60	- 0.0 %	10	60	40	1
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Poor	Good	Good	-

Location Map



Development Plan System	Village Dispersion
Classification of the Plan	-
Implementation Program	-

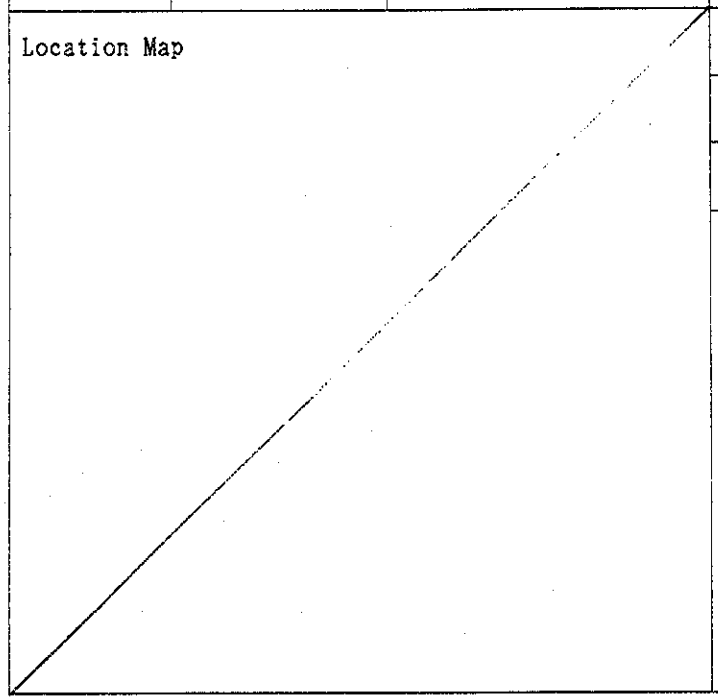
Village Condition

Village Dispersion

No.	Village	Province	Hydrogeological Classification	Province No.
D-53	Monte Grande	Dajabon	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
99	594	+ 1.0 %	99	594	60	30
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface Water Supply System
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

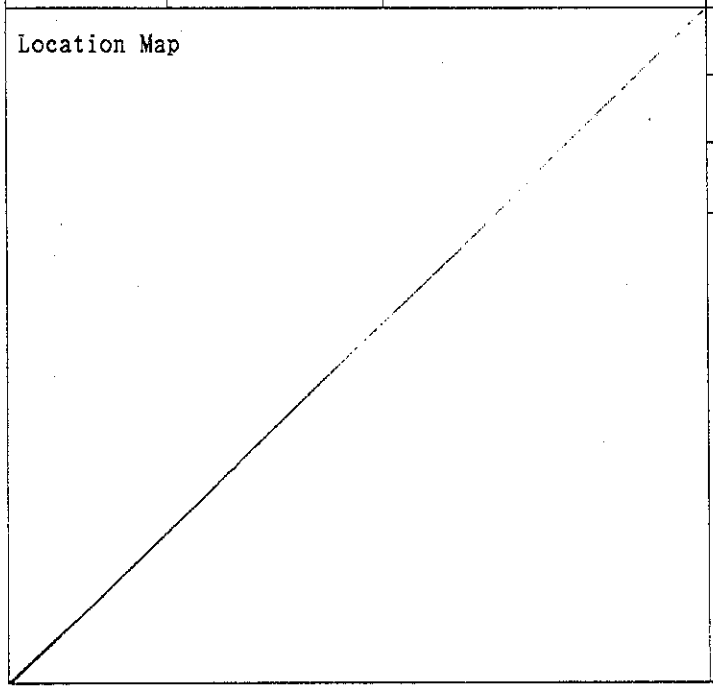
D-53 Monte Grande

- A simple water treatment plant was implemented by INAPA, with house connections.

No.	Village	Province	Hydrogeological Classification	Province No.
D-54	Manuel Bueno	Dajabon	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
172	1032	- 43.0 %	172	1032	60	52
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface water Supply by FUDECO
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

D-54 Manuel Bueno

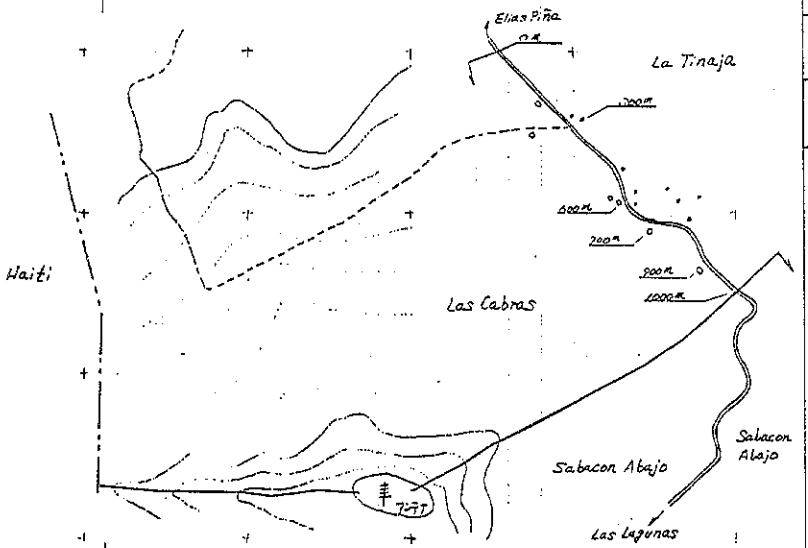
- A simple water treatment system was implemented by FUDECO, in the project including the villages D24, D25, and D26.

No.	Village	Province	Hydrogeological Classification	Province No.
D-55	Las Lagunas	Dajabon	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
87	522	- 43.0 %	87	522	40	52
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Poor	Good	-

Development Plan System	Hand Pump x 5
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Location Map



Village Condition

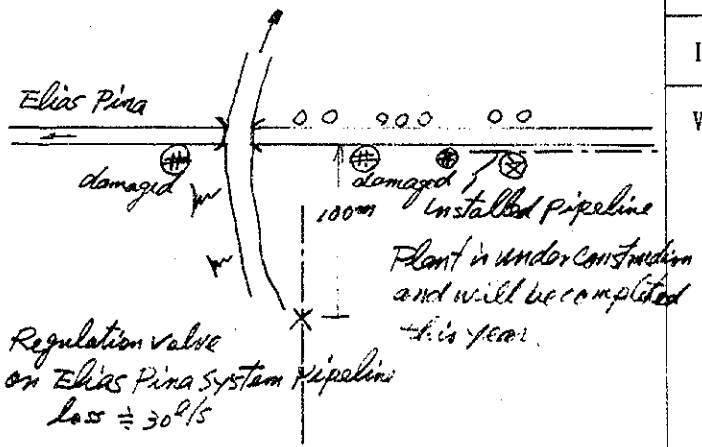
D-55 Las Lagunas

- There is 1 well in the village whose water is not used for drinking due to the very poor water quality.
- The villagers presently use river water for drinking.

No.	Village	Province	Hydrogeological Classification	Province No.
E-1	Guazumal Arriba	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
24	192	- 89.0 %	24	192	60	10
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Poor	Good	-

Location Map



Development Plan System	Surface Water Supply System by INAPA
Classification of the Plan	S-III-3)
Implementation Program	C-(S)

Village Condition

E-1 Guazumal Arriba

Located 4 km north of Elias Pina.

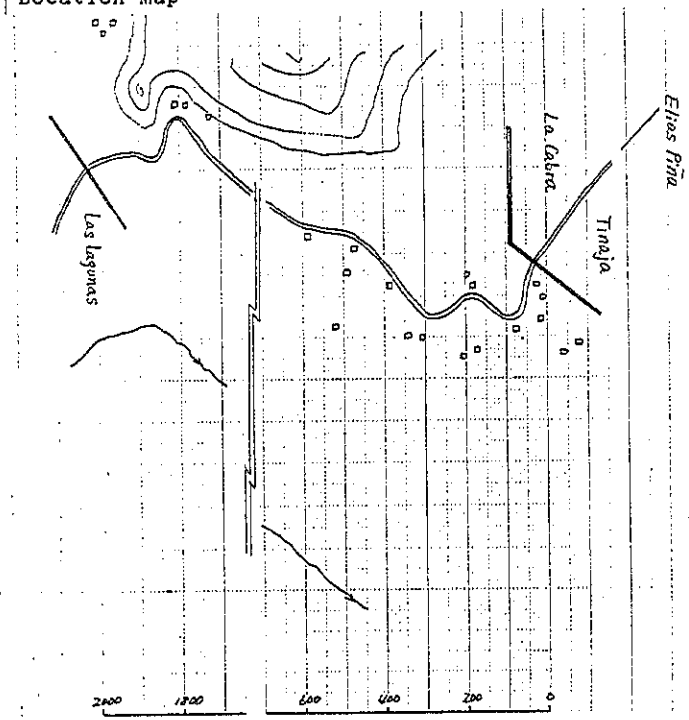
- There are 3 hand pump wells within approximately 400 m. There are all damaged and not being used;
- The main water transmission pipe of the Elias Pina water system is installed across the Guazumal River, but someone stole its 125 diameter diversion channel valve;
  Spring water gushes out freely from the water transmission pipes (30 l/s), and the villagers freely collect and transport water from the area;
- The expansion of the El Llano plant shall be implemented based on the INAPA water system plan. Since this village shall benefit from the new system, the pipe installation work must be completed.

No.	Village	Province	Hydrogeological Classification	Province No.
E-2	Sabacon Abajo	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
27	162	- 47.0 %	27	162	40	16
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Very low	Good	Very Poor	-

Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Location Map



Village Condition

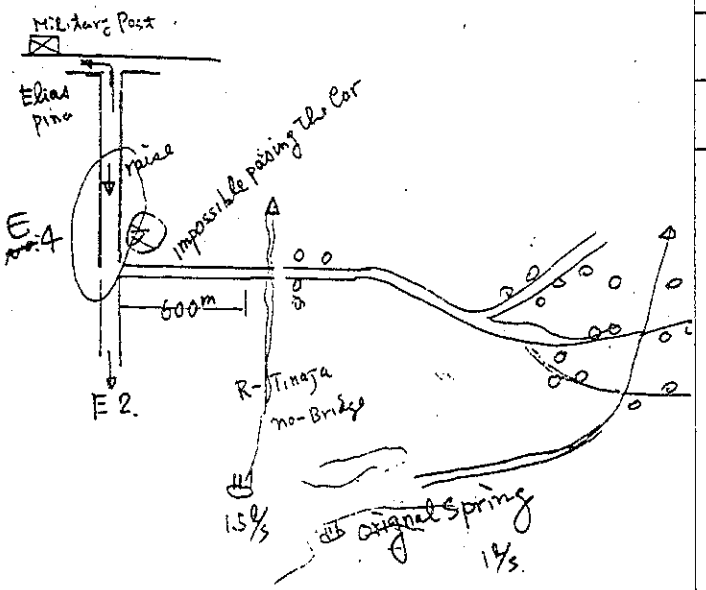
E-2 Sabacan Abajo

- Groundwater development plan is difficult to implement because water potential is very low.
- At present, the villagers are collecting domestic water from the small rivers nearby.

No.	Village	Province	Hydrogeological Classification	Province No.
E-3	El Cedro	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
41	175	- 15.0 %	41	175	40	17
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	very low	Good	Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1) , S-III-1)
Implementation Program	C-(S)

Village Condition

E-3 El Cedro

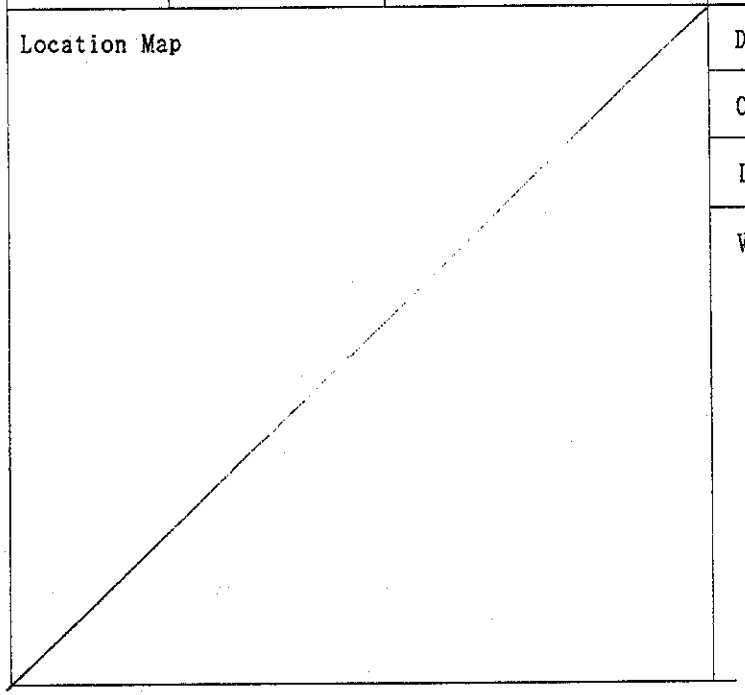
A village located approximately 600 m to the east of the east from the side of the E4 school;
Located across the Tinaga River which is 600 m east of the E4 and E2 villages. A small erodible plateau of the hill is eroded by the Tinagua, Cedro and Sobacon rivers.
The village is divided into 3 or 4 groups, and they reside in a high area where the remains of a hard-looking basement can be found.
The bed of the Tinaga River is made from a large boulder; there is no bridge. Instead, scattered stones are used to cross the river. Vehicular passage is impossible during high tide and ordinary days.

- There are bushes in the area where the headstream of 3 rivers can be found, and spring water flows through the bushes. The villagers collect water from the nearest spring, and take a bath and wash clothes in any of the rivers.

No.	Village	Province	Hydrogeological Classification	Province No.
E-4	Los Corocitos	Elias Pinas	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
59	340	+ 42.0 %	84	484	40	48
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Verylow	Good	Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Village Condition

E-4 Los Corocitos

The first village to the south from the military station which is 1.5 km southeast of Elias Pina.

- There is a 150 mm concrete pipe installed at the western side of the road which has never been used eversince it was constructed. There are no other water distribution facilities in the village, too;
- The majority of the villagers installed a water collecting channel (1 m in diameter, and 1 m deep) at the river bed of the swamp which is 50-70 m deep. The elevation of the swamp is approximately 700 meters.
- The villagers residing within the vicinity of the school collect water from Tinaga River which is approximately 500 m to the east;
- The villagers collect water from El Cedo River, approximately 3 km to the east, whenever the small river water resources dry up in the dry season.

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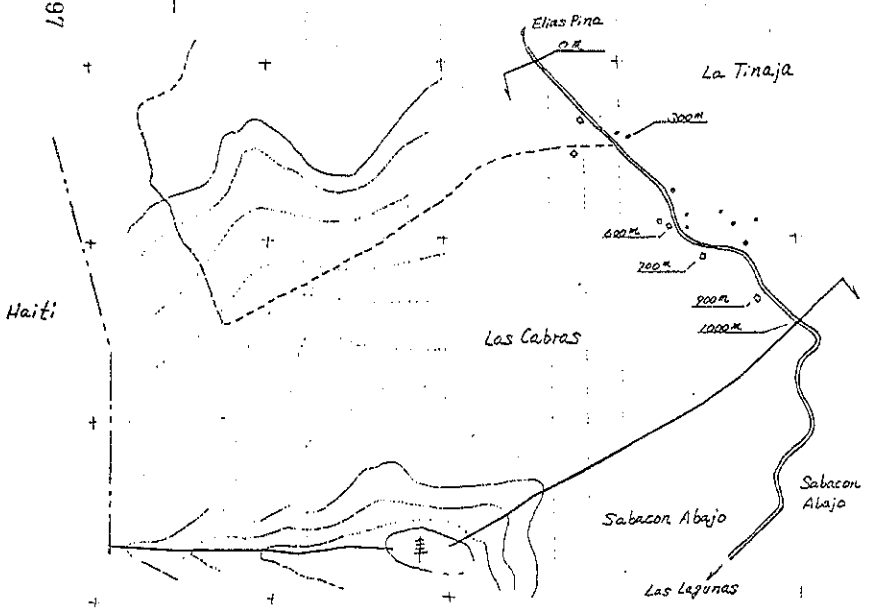
No.	Village	Province	Hydrogeological Classification	Province No.
E-5	La Cabra-El Cerro	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
35	210	- 77.0 %	35	210	40	21
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Very low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Village Condition

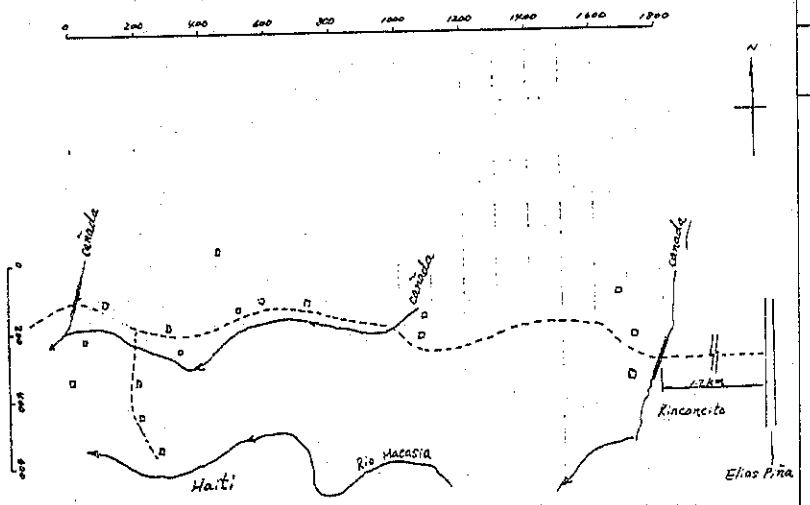
E-5 Las Cabras - El Cerro

- The Groundwater Development Plan can not be implemented because water potential is very low and access by car is impossible.
- The villagers use directly spring and river water.

No.	Village	Province	Hydrogeological Classification	Province No.
E-6	Sabana Campo	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
30	180	- 0.0 %	30	180	40	18
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Poor	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

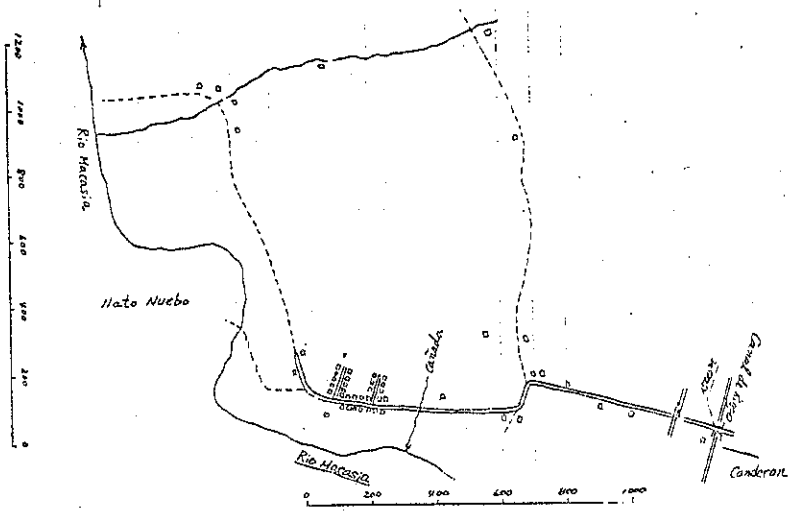
E-6 Sabana Campo

- The implementation of the Groundwater Development Plan is possible, however, the access road has to be previously repaired;
- The villagers collect domestic water from the Rio Macasia and the Canada spring.

No.	Village	Province	Hydrogeological Classification	Province No.
E-7	Potroso	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
92	552	- 8.0 %	92	552	60	28
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Surface Water Supply System by INAPA
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

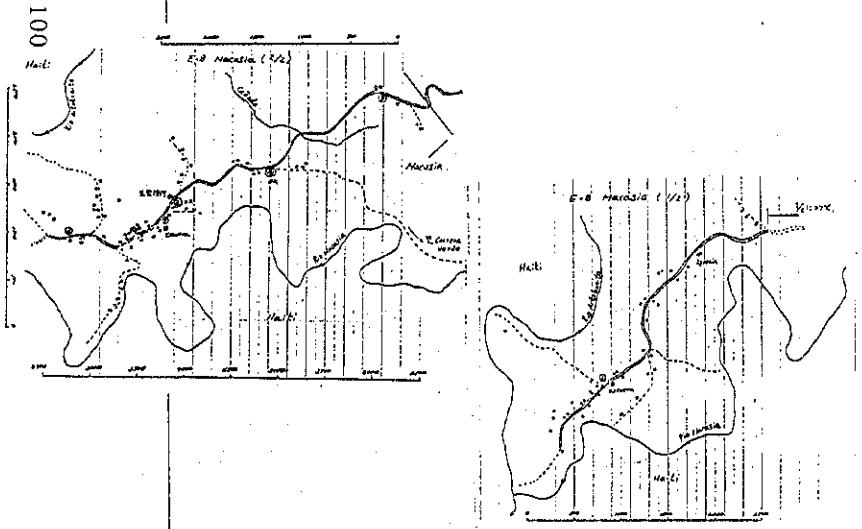
E-7 Potoroso

- A water supply pipeline comes from the village of Calderon until the center of the village, and was implemented by INAPA;
- The pipeline is damaged and shall be repaired in the near future.

No.	Village	Province	Hydrogeological Classification	Province No.
E-8	Macasia	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
115	690	- 0.0 %	115	690	40	69
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-1)	Very Poor	Low	Good	Poor	-

Location Map



Development Plan System	Hand Pump x 7
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

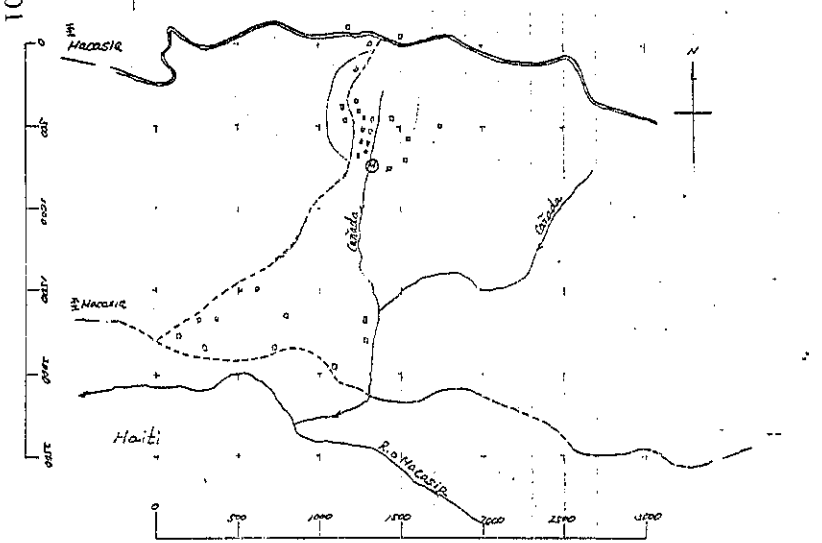
E-8 Macasia

- There are 7 existing hand pump wells, but only two are functioning whereas the other wells are damaged;
- The villagers collect water from Rio Artibonito and Rio Macasia.
- 7 hand pumps will be implemented in the village.

No.	Village	Province	Hydrogeological Classification	Province No.
E-9	Carrera Verde	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
35	210	- 0.0 %	35	210	40	21
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Poor	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

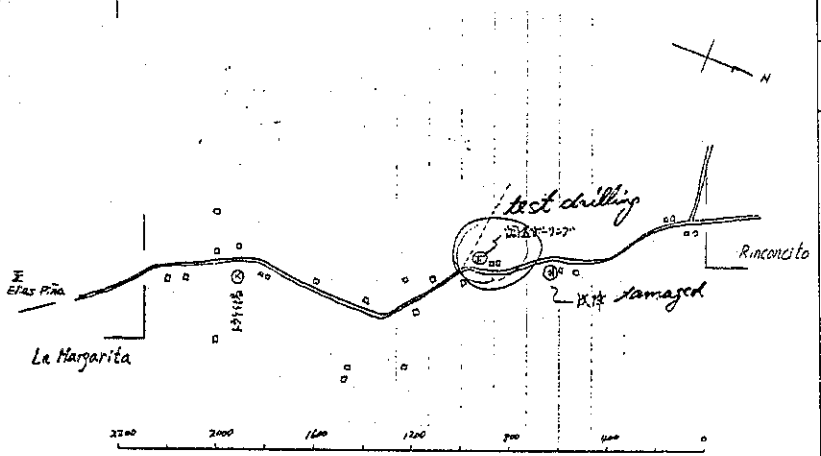
E-9 Carrera Verde

-Implementation of the Groundwater Development Plan is possible, however, the access road has to be previously repaired on about 2 km;
- The villagers collect water from Rio Macasia;
- The road elevation is 345 m above sea level, and Rio Macasia elevation is 160 meters.

No.	Village	Province	Hydrogeological Classification	Province No.
E-10	Lamedesro	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
35	210	- 0.0 %	35	210	40	21
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Poor	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

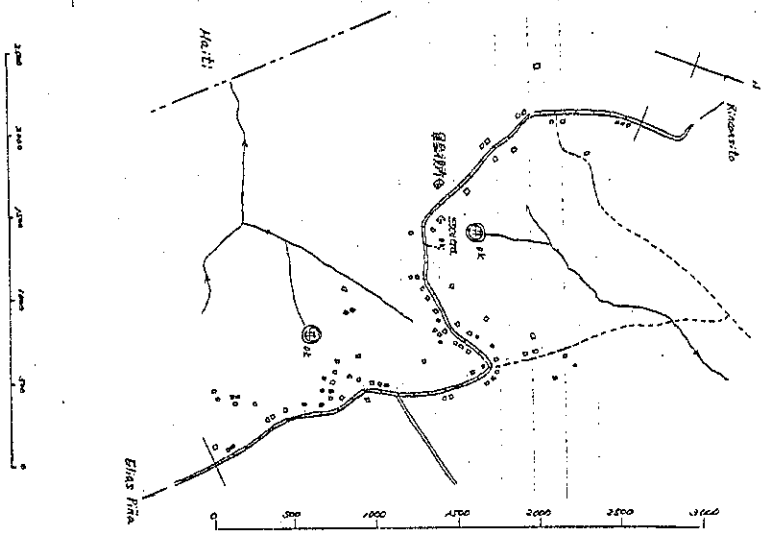
E-10 Lamesdero

- A test drilling was carried out in the village by the JICA Team;
- Groundwater development is possible;
- There is an existing hand pump well which is damaged at present.

No.	Village	Province	Hydrogeological Classification	Province No.
E-11	La Margarita	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
188	1128	- 0.0 %	188	1128	60	56
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-1)	Poor	Very low	Good	Good	-

Location Map



Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Village Condition

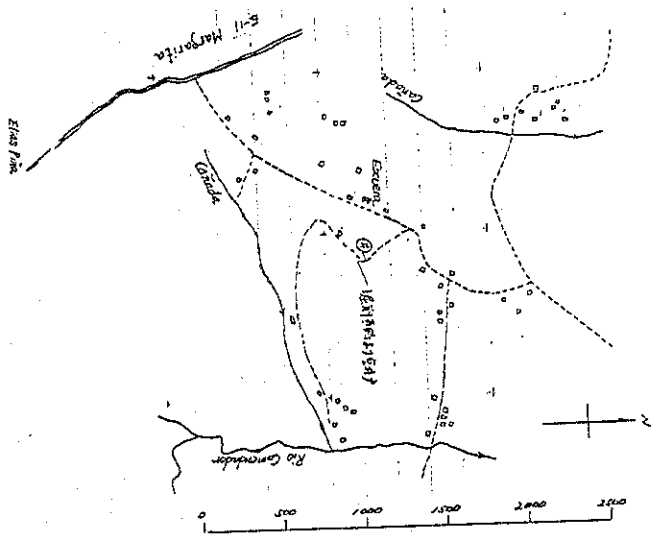
E-11 La Margarita

- Groundwater development is impossible because the water potential is assumed to be very low;
- Dug wells were constructed on the riverside, which are used by the villagers.

No.	Village	Province	Hydrogeological Classification	Province No.
E-12	Pozo Hondo	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
46	276	- 0.0 %	46	276	40	27
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Village Condition

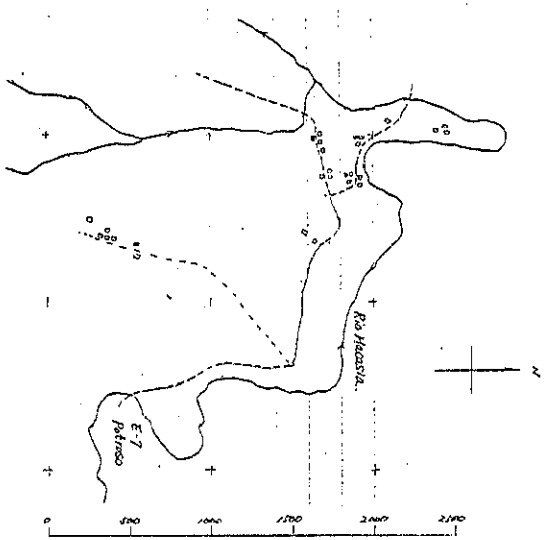
E-12 Pozo Hondo

- Access is difficult and does not allow cars to reach the village;
- Groundwater development can not planned in this village as an urgent plan;
- The residents collect the water of Rio Commendador.

No.	Village	Province	Hydrogeological Classification	Province No.
E-13	Hato Nuevo	Elias Pina	Volle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
33	138	- 0.0 %	33	198	40	20
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Village Condition

E-13 Hato Nuevo

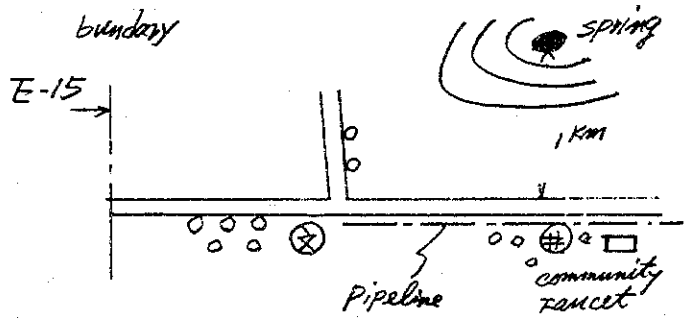
- Access road does not allow cars to reach the village; there are only private roads;
- Groundwater development can not be planned in this village as an urgent plan.

No.	Village	Province	Hydrogeological Classification	Province No.
E-14	El Hueso	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
63	346	- 9.0 %	63	346	40	34
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Low	Good	Good	-

Development Plan System	Elias Pina Water Supply System
Classification of the Plan	S-III-3)
Implementation Program	C-(S)

Location Map



Village Condition

Located 4 km north of Elias Pina;
The village is only slightly distanced from Juan Felipe, its neighboring village on the Elias Pina side. Juan Felips is a densely populated village but with houses greatly distanced from each other.
50% of the population reside along the road while the rest reside in inners areas of both sides of the road;

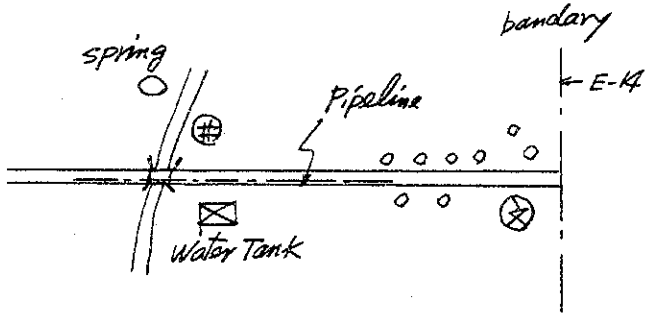
- There is a hand pump well at the northern uppermost end. The well is damaged though and is left unattended;
- A pipeline and a concrete made communal water tank were constructed by the Elias Pina Water Supply System. The pipeline, however, has never been used to deliver water since it was constructed in 1989;
- There is a spring approximately 1 km west of a lowland area. This is the villagers source of water;
- A pipeline was also constructed in Juan Felipe, the neighboring village to the south. Door to door water distribution pipes have also been constructed, but the vinyl pipes constructed across the road have been amputated.

65-1

No.	Village	Province	Hydrogeological Classification	Province No.
E-15	El Duan	Elias Pina	Valle de San JUAN	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
43	237	- 17.0 %	43	237	40	43
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Elias Pina Water Supply System
Classification of the Plan	S-III-3)
Implementation Program	C-(S)

Village Condition

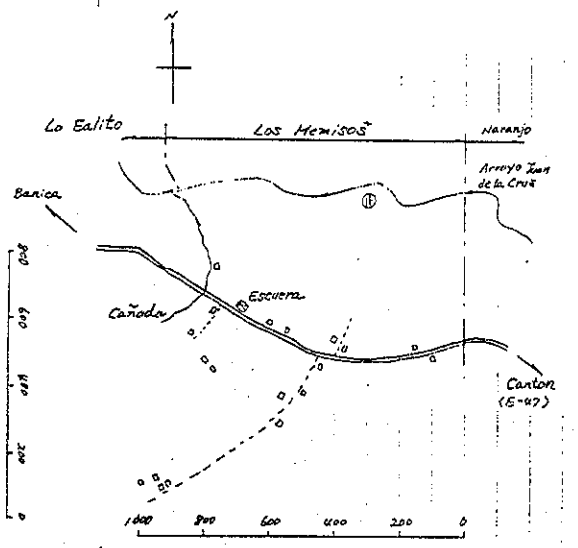
E-15 El Duan

Located 3 km north of Elias Pina.
- There is a hand pump well near the bridge approximately 100 m from the village. The groundwater is of bad quality and is undrinkable because it contains many organic matters;
- 50 m across the coast from this well is a spring. The quality of the water is good. This is the sole water resource of the villagers;
- Below the cliff, 150 m from the bridge to the east of the road, is a communal water tank. The distribution schedule of the tank lorry is irregular and the tank is not used effectively;
- A pipeline of the Elias Pina Water System is constructed along the road. The pipeline was constructed in 1989, but it was never been used to convey water.
- The village will be supplied by the Elias Pina Water Supply System implemented by INAPA.

No.	Village	Province	Hydrogeological Classification	Province No.
E-16	El Canita	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
25	138	- 45.0 %	25	138	40	14
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

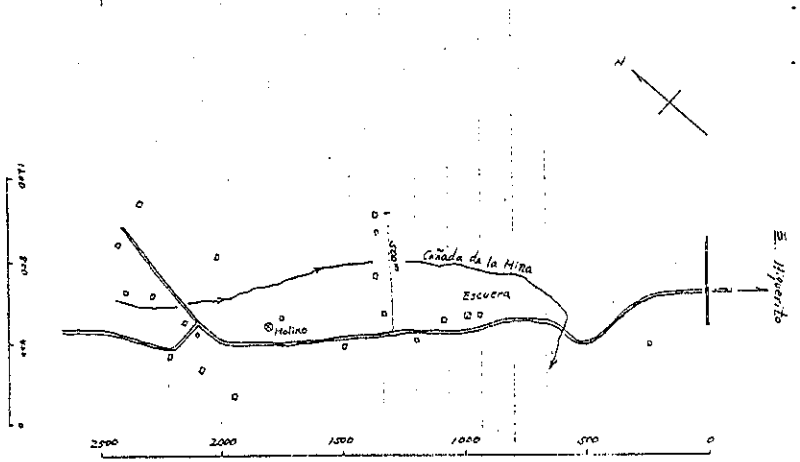
E-16 EL canita

- Cars can not drive on the road; elevation is high;
- Implementation of a groundwater development plan is assumed to be difficult;
- The residents collect domestic water from spring at present.

No.	Village	Province	Hydrogeological Classification	Province No.
E-17	Los Memisos	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
30	180	- 17.0 %	30	180	40	18
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

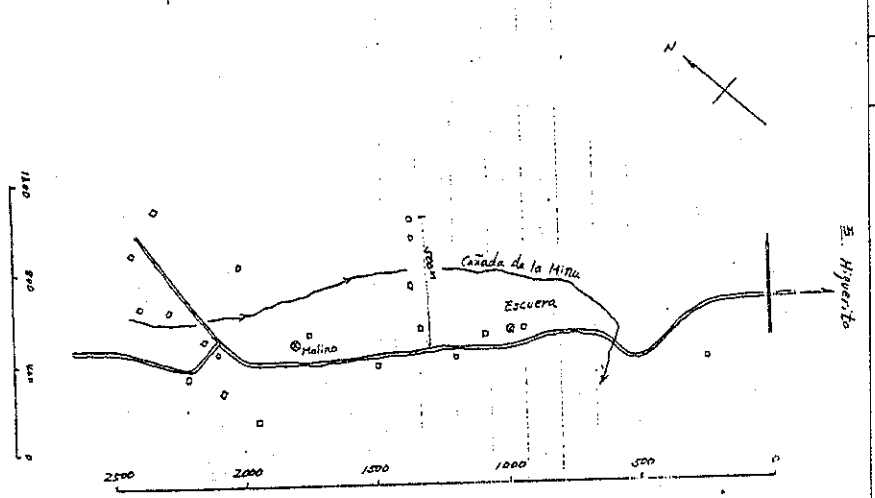
E-17 Los Memisos

- Rehabilitation of the access road is required on about 3 km for the passage of the drilling car.
- The villagers collect water from Arroyo River and the nearest spring.

No.	Village	Province	Hydrogeological Classification	Province No.
E-18	Mata Bonita	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
21	126	- 3.0 %	21	126	40	3.5
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Very Poor	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Village Condition

E-18 Mata Bonita

- The tank lorry can not pass on the road;
- Groundwater development is assumed to be difficult;
- The villagers collect water from the rivers nearby.

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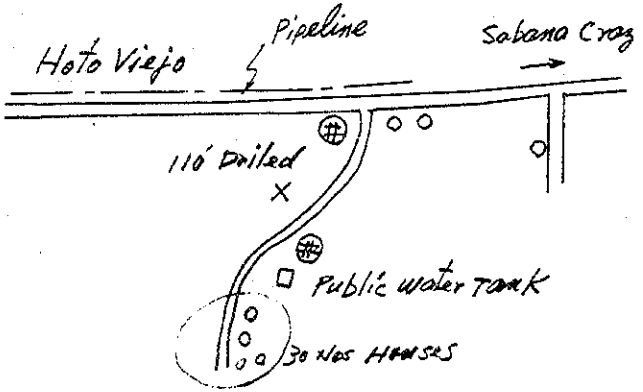
No.	Village	Province	Hydrogeological Classification	Province No.
E-19	El Mamoncito	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
45	255	+ 22.0 %	55	313	40	32
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand pump	G-I-1)	Very Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

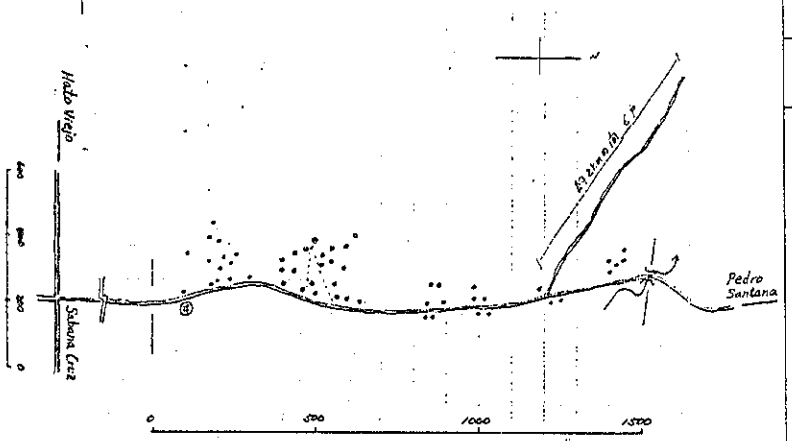
Located on both sides of the road to the west of Sabana Cruz, this is a small and poor village situated on a flat field to the south from the center of the northern plateau;

- There are wells at the lateral road junction from the national road and in an area 400 meters away. The pumps of the wells are removed. The water level of the wells is estimated at approximately 12 meters, and the diameter is 120 inches.
- There is a communal water tank 400 meters away for the villagers of the back region (30 houses). It is not used, however, because the pump is damaged;
- A 110' deep well was excavated in the middle of the previously mentioned area. The excavation was covered though, because it did not produce groundwater.
- The villagers collect water from the Artibonito River approximately 4 km ahead. With the help of animal-pulled carts, they transport the collected water home.
- The pipes of Sabana Cruz are installed on the opposite side of the road.

No.	Village	Province	Hydrogeological Classification	Province No.
E-20	El Fondo	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
51	281	+ 17.0 %	60	329	40	33
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Pedro Santana Water Supply by INAPA
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

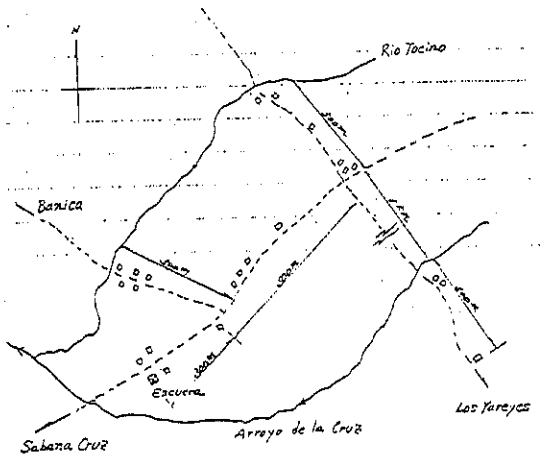
E-20 El Fondo

- The villagers are supplied in domestic water by distribution pipes connected to the Pedro Santana pump, and house connection has also been implemented by INAPA.
- The water supply condition is very poor and INAPA shall carry out the rehabilitation of these facilities.

No.	Village	Province	Hydrogeological Classification	Province No.
E-21	San Andres	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
19	114	-0.0 %	19	114	40	11
Source	System	Condition	Potential	Quality	Drilling Access	Others
Canal	S-V-1)	Poor	Low	Good	Poor	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

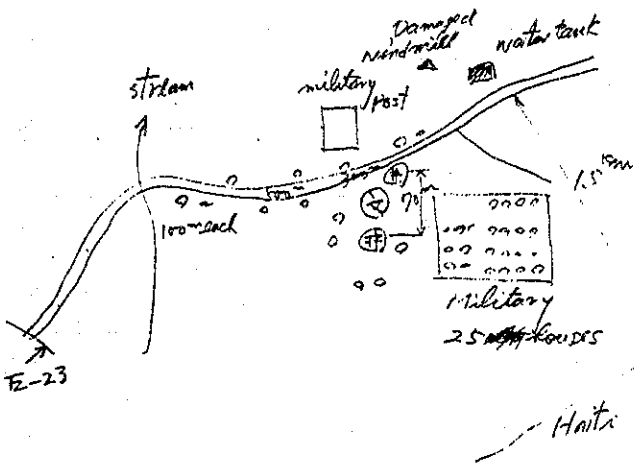
E-21 San Andres

- The access road shall be repaired on 3 km; driving is made possible until 1.5 km from Sabana Cruz;
- The villagers collect water from a canal, but water is polluted.

No.	Village	Province	Hydrogeological Classification	Province No.
E-22	Guayabal	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
79	435	+ 44.0 %	114	629	40	44
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand Pump	G-I-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 6
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

The village comprises of the residents of the area and the families of the border military guards. Somewhere in the middle of the way leading to the farmhouse observatory, the villagers are divided into 2 and the houses are built on both sides of the road at an interval of 500 meters.

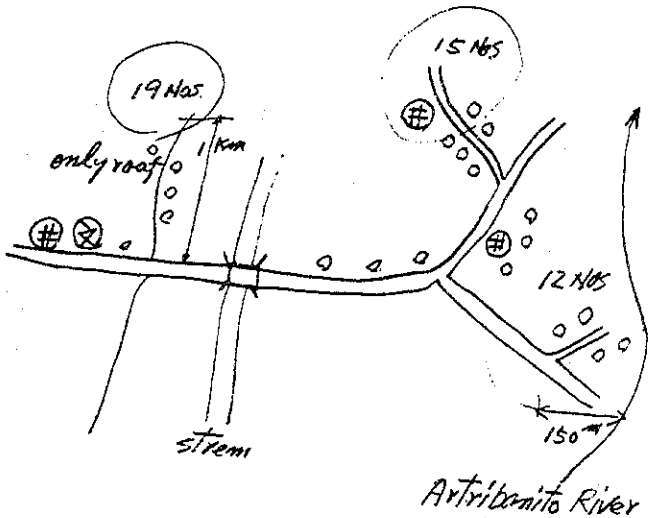
There is a school, 10 farmhouses, 25 quarters of the military families within the vicinity of the observatory. A school dormitory and a public housing can be found at the flat area on the northern side of the road.

- The school and the observatory are located opposite each other on both sides of the road. There is a hand pump well in the school park and another at the back of the school building. These wells are being used by the military and the use of the wells is scheduled;
- To the south of the western end of the village is a windmill pump well. This well is damaged and is not used.

No.	Village	Province	Hydrogeological Classification	Province No.
E-23	Hato Viejo	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
47	259	- 25.0 %	47	25	40	26
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand P. x 3	G-I-1)	Very Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 3
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

E-23 Hato Viejo

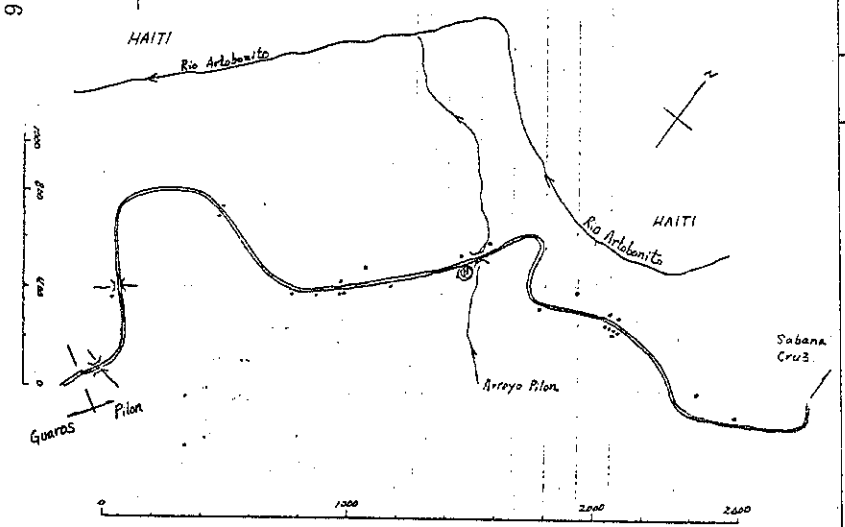
Located 5 km west from Sabana Cruz;
Located at the end of the plane of the northern plateau. The western end directly leads to Artibonito River. The river forms a 40-50 m cliff;

- There are 3 hand pump wells, but all 3 are damaged. The ground-water level is around 11.8 meters;
- There is a hand pump well at the school standing 1 km away from the village entrance. The well is not effective and is damaged;
- The villagers' only water resource is the Artibonito River which is approximately 150-500 meters down south.

No.	Village	Province	Hydrogeological Classification	Province No.
E-24	Pilon	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
50	300	- 0.0 %	50	300	40	30
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand P. x 1	G-I-1)	Very Poor	Low	Good	good	-

Location Map



Development Plan System	Hand Pump x 3
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

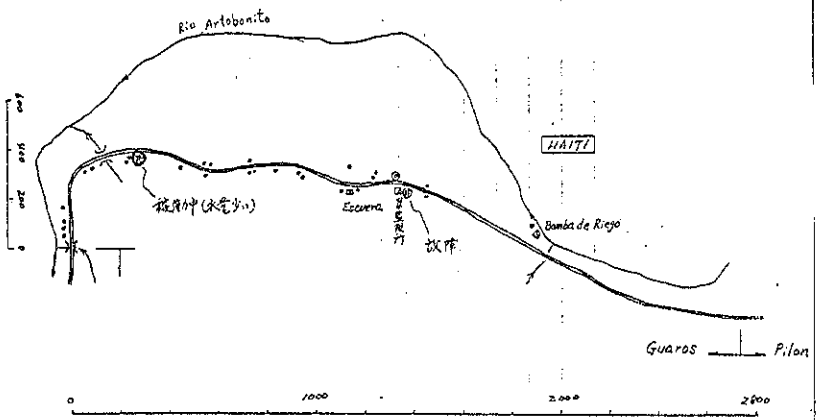
E-24 Pilon

Located on the Haiti Border line.
- There is 1 hand pump well beside the Arroyo Pilon River bridge, which provides water only in the morning because the groundwater level decreases.

No.	Village	Province	Hydrogeological Classification	Province No.
E-25	Guaros	Elias Pina	Valle de SAn Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
36	216	- 37.0 %	36	216	40	21
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand P. x 2	G-I-1)	Very Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

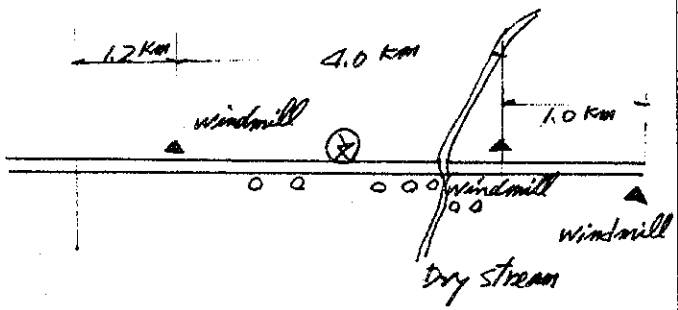
E-25 Guaros

Located on the Haiti Border. There is a military post in the center of the village.
- One of the 2 existing hand pumps is damaged.

No.	Village	Province	Hydrogeological Classification	Province No.
E-26	Los Yareyes	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
57	314	+ 6.0 %	60	332	40	33
Source	System	Condition	Potential	Quality	Drilling Access	Others
Windmill	G-I-3)	Very Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 3
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

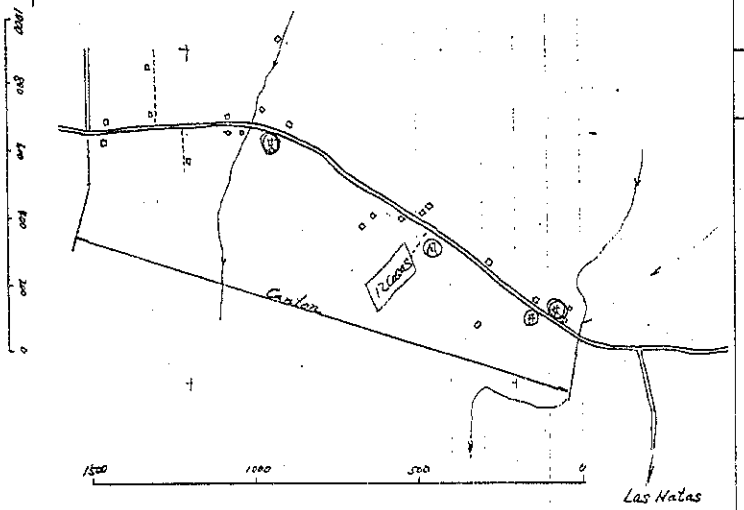
E-26 Los Yareyes

- There are 3 hand pump wells: 2 are damaged and only one is effectively functioning;
- Most of the villagers collect and transport the flowing water of Tocino River located 1 km away.

No.	Village	Province	Hydrogeological Classification	Province No.
E-27	El Canton	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
39	234	- 10.0 %	39	234	40	8
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface Water Supply by FUDECO
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

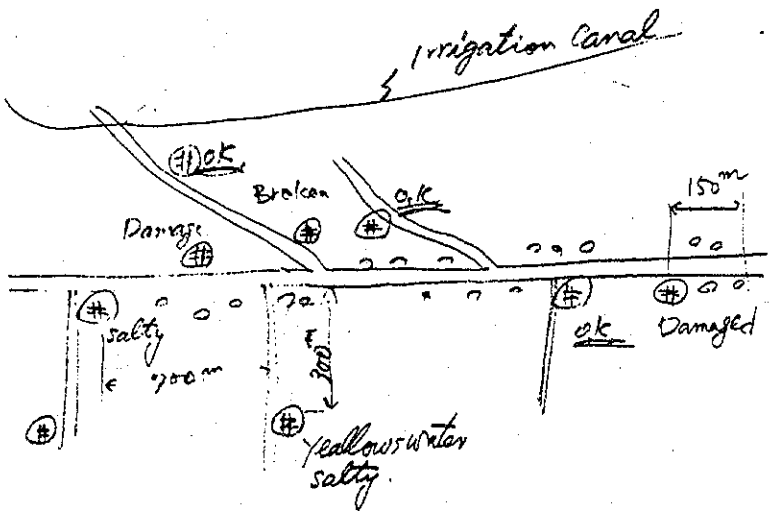
E-27 El Canton

- FUDECO water supply system.

No.	Village	Province	Hydrogeological Classification	Province No.
E-28	Benancio	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
70	445	+ 81.0 %	128	808	40	81
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand P.x 9	G-I-2)	Poor	Low	Very Poor	Good	-

Location Map



Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Village Condition

E-28 Benancio

Located 1.5 km south of E31.
A small hill surrounded by rice paddies. The village is mainly structured at the elevated area of the much undulated hill.
The village is divided into groups according to the topography of the area. 30% of the village population resides along the road, while the rest resides along the lateral road leading to a highly elevated area.

- There are 9 hand pump wells within a 3 km area. 3 of the wells were damaged; the water of another well is yellowish and contains large amount of salt; the other well contains large amount of salt, too.
At present, only 4 wells are used effectively;
- There is an irrigation canal parallel to the road on the northern side.

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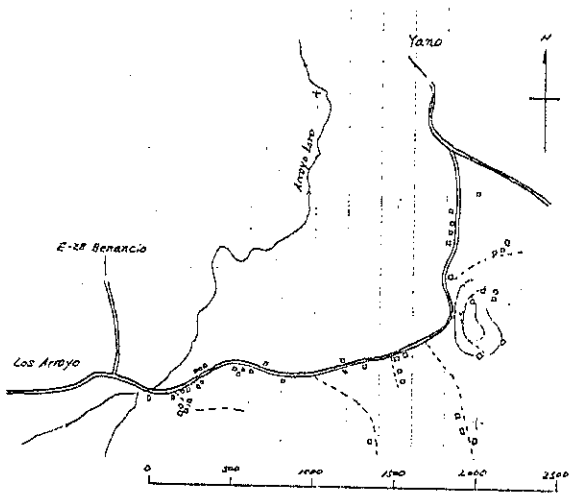
No.	Village	Province	Hydrogeological Classification	Province No.
E-29	Bruno	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
42	252	- 48.0 %	42	252	40	25
Source	System	Condition	Potential	Quality	Drilling Access	Others
Canal	S-V-1)	Poor	Very Poor	Poor	Good	-

Location Map



Development Plan System	-
Classification of the Plan	S-V-1)
Implementation Program	C-(S)

Village Condition

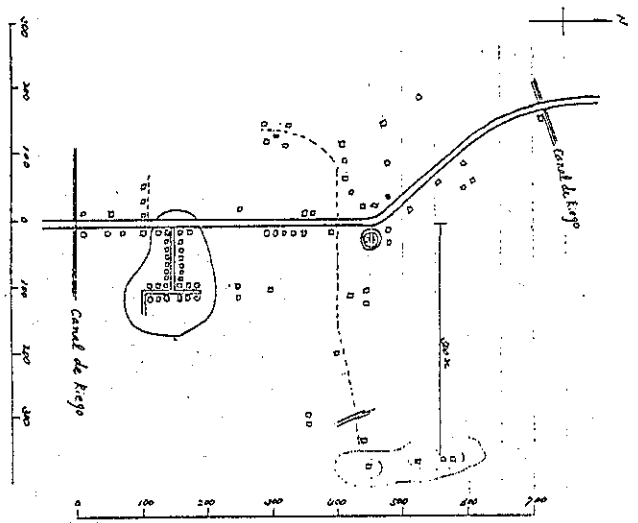
E-29 Bruno

- Groundwater potential is very low, and the construction of well is assumed to be difficult;
- The villagers are supplied in domestic water by the canal.

No.	Village	Province	Hydrogeological Classification	Province No.
E30	La Jaya	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
70	420	- 0.0 %	70	420	60	21
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Low	Good	Good	-

Location Map



Development Plan System	Elias Pina Water Supply Systrm
Classification of the Plan	S-III-3)
Implementation Program	C-(S)

Village Condition

E-30 La Jaya

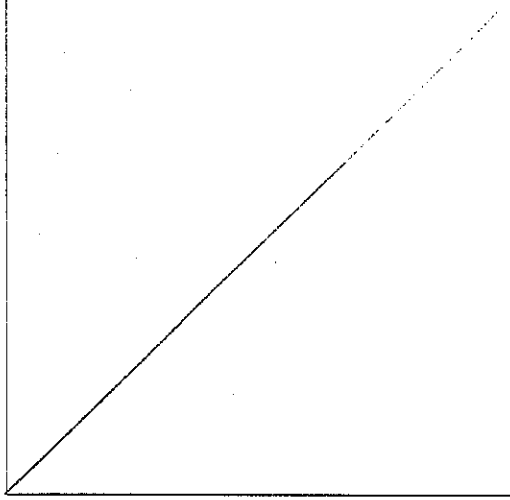
Located 8 km west from Elias Pina.
- The main pipeline of Elias Pina is layed in the village and a communal faucet is implemented.

No.	Village	Province	Hydrogeological Classification	Province No.
E-31	Palo Seco	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)		
Household	Population	Growth Rate 1981-1990
64	350	+ 1.0 %
Source	System	Condition
Spring	S-II-1)	Poor

Water Supply Development Plan for 2000			
Household	Population	Consumption (L/c/d)	Demand(L/min)
64	350	40	35
Potential	Quality	Drilling Access	Others
Very Low	Poor	Good	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

E-31 Palo Seco

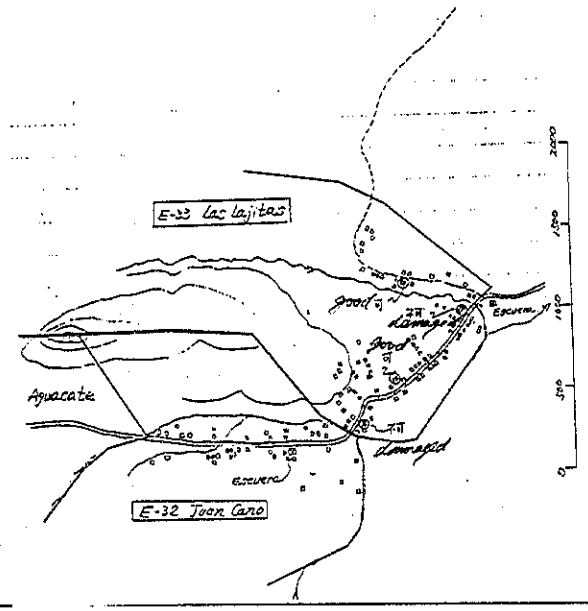
Located 9 km southeast of Elias Pina. It is 3.5 km south from the Elias Pina-Sanjan road;
The houses are structured on both sides of the road in groups (each group comprising 2-3 houses) and the interval between groups is 50-100 meters;
A row of houses are built on the eastern side to the south after crossing the mountains pass.

- There is a hand pump well near the school located at the southern end of the village. The pump is damaged though, and is left unattended;
- There is a small spring 30 meters to the east which is effectively used by the villagers;
- There is an irrigation canal up north which is parallel to the road. The canal provides water for miscellaneous purposes;
- Water is collected at the nearest spring, which is better than groundwater development system.

No.	Village	Province	Hydrogeological Classification	Province No.
E-32	Juan Cano	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
39	234	- 0.0 %	39	234	40	23
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Very Poor	Low	Poor	Good	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

E-32 Juan Cano

Villages E32 and E33 are jointed on the main road.
- There is no well in the village;
- The villagers collect water from a spring which dries up during the dry season. In this case, water is collected in an area approximately 3 km away.

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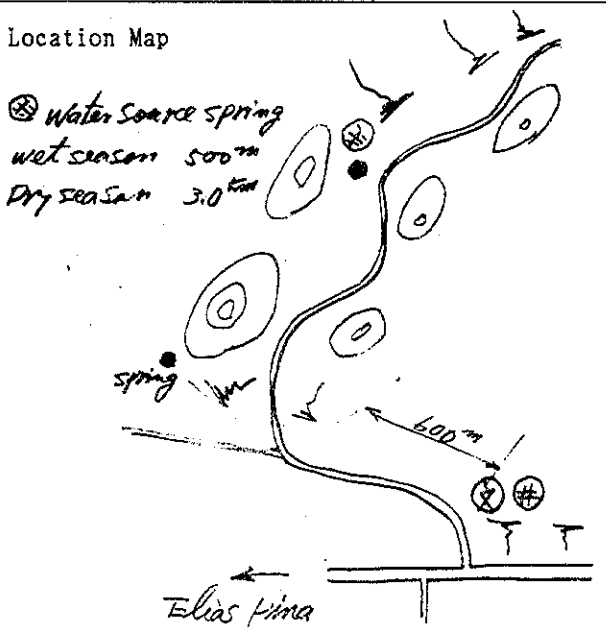
No.	Village	Province	Hydrogeological Classification	Province No.
E-33	La Lajita	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
69	414	- 60.0 %	69	414	40	41
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Poor	Very Low	Poor	Good	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

E-33 La Cajita

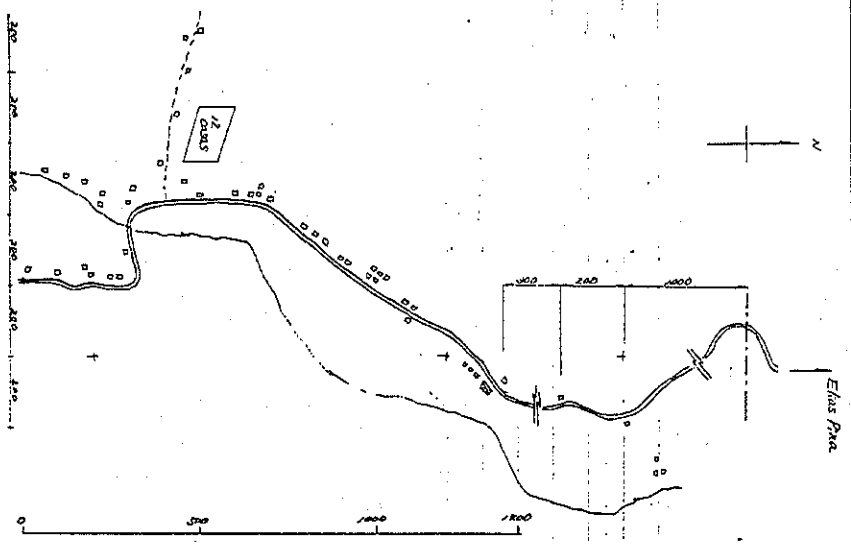
Located 7 km east-northeast of Elias Pina. It is approximately 2.5 km north from the Elias Pina - Sanjan road;
This area is mainly into peanuts and Cassava production under the management of two plantation owners. Many villagers left the village, however, due to recent conflicts with the owners on matters concerning the land.

- Many spring waters gush out in the hills during the rainy season, but the spring water with a comparatively stable flow is located about 600 meters ahead at the lowland area;
- Since the springs dry up during the dry season, water is collected and transported from an area approximately 3 km away;
- 2 of the four existing hand pump well are operating.

No.	Village	Province	Hydrogeological Classification	Province No.
E-34	Las Lagumas	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
48	275	+ 33.0 %	77	365	40	36
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Very Poor	Very Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

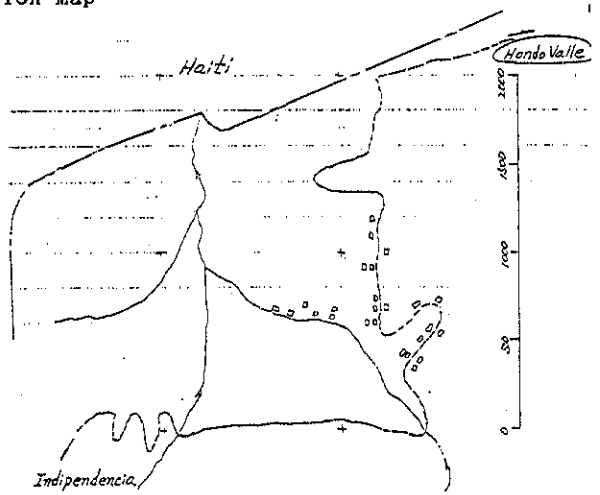
E-34 Las Lagunas

Located 7 km south of Elias Pina. Access is in bad condition.
- Groundwater potential is very low;
- The villagers are collecting water fro the nearest spring or stream;
- Groundwater development is assumed to be difficult.

No.	Village	Province	Hydrogeological Classification	Province No.
E-35	Yerba Buena	Elias Pina	Siera Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
49	225	- 0.0 %	49	225	40	22
Source	System	Condition	Potential	Quality	Drilling Access	Others
Stream	S-IV-1)	Poor	Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-IV-1)
Implementation Program	C-(S)

Village Condition

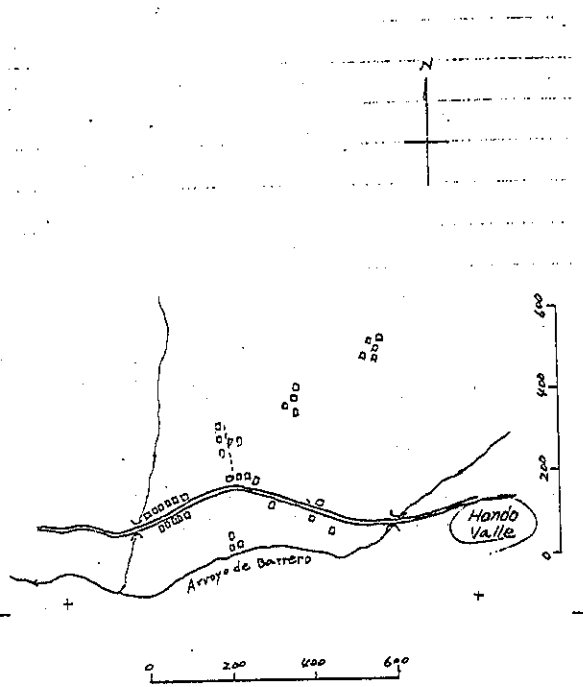
E-35 Yerba Buena

- Vehicular access is impossible;
- The villagers are collecting water from streams.

No.	Village	Province	Hydrogeological Classification	Province No.
E-36	Canada del Barrero	Elias Pina	Sirra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
42	225	- 30.0 %	42	225	40	22
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Good	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

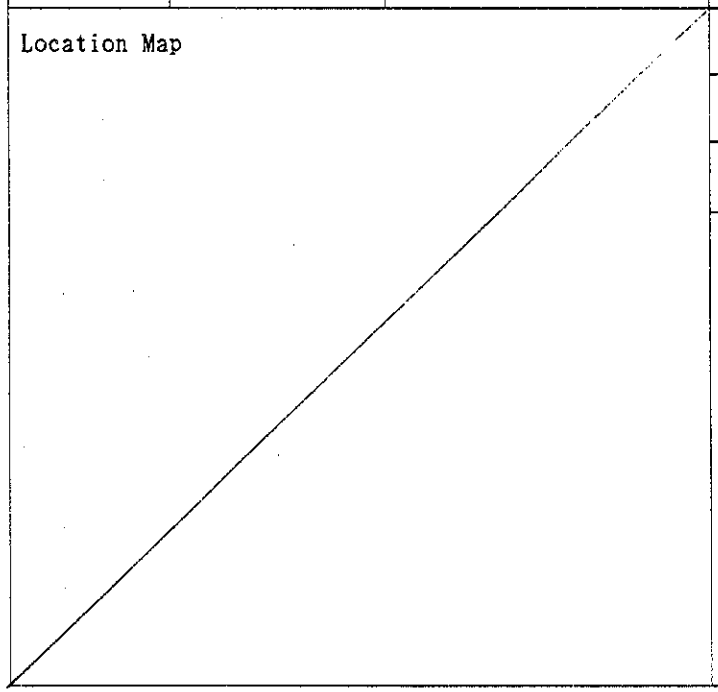
E-36 Canada del Barrero

- The villagers collect the water of the Arroyo de Barrero River;
- The river water is undrinkable due to the pollution of rivers by turbidity.

No.	Village	Province	Hydrogeological Classification	Province No.
E-37	Sonador	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
250	1500	- 18.0 %	250	1500	40	50
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-3)	Good	Good	Good	Good	-

Location Map



Development Plan System	Sonador Water Supply System by INAPA
Classification of the Plan	S-III-3)
Implementation Program	C-(S)

Village Condition

E-37 Sonador

- The construction of the water supply system was implemented by INAPA;
- The villages E38 and E39 are included in this project and are supplied from the Sonador treatment plant;
- Water is distributed door to door.

No.	Village	Province	Hydrogeological Classification	Province No.
E-38	La Sajonada	Elias Pina	Serra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
70	420	- 0.0 %	70	420	40	14
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-3)	Good	Good	Good	Good	-

Location Map

Development Plan System	Sanador Water Supply System By INAPA
Classification of the Plan	S-III-3)
Implementation Program	C-(S)

Village Condition

E-38 La Sajonada

- The villages included in the same project are as follows:
  E37 Sonador; E38 Los Ranchitos.

No.	Village	Province	Hydrogeological Classification	Province No.
E-39	Los Ranchitos	Elias Pina	Sirra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
39	234	- 0.0 %	39	234	40	8
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-3)	Good	Good	Good	Good	-

Location Map

Development Plan System	Sanador Water Supply System By INAPA
Classification of the Plan	S-III-3)
Implementation Program	C-(S)

Village Condition

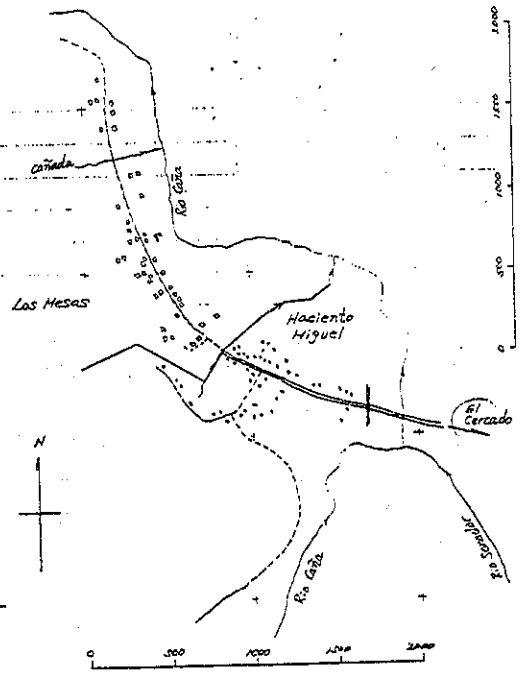
E-39 Los Ranchitos

- The villages included in the same project are the following:
  E37 Sonador; E38 La Sajonada.

No.	Village	Province	Hydrogeological Classification	Province No.
E-40	Los Mesas	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
40	240	- 0.0 %	40	240	40	8
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Poor	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

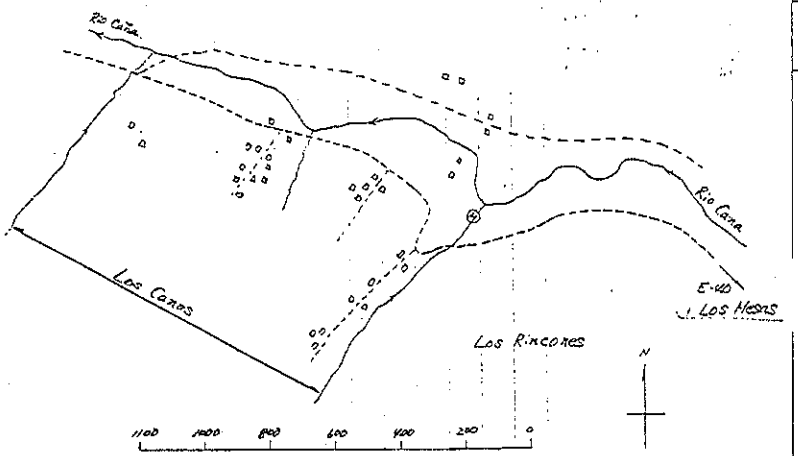
E-40 Los Mesas

- The villagers are collecting water of Rio Cana;
- Vehicular access until the central village is impossible because the road is obstructed by the canal.

No.	Village	Province	Hydrogeological Classification	Province No.
E-41	Los Canos	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
33	198	- 0.0 %	33	98	40	7
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Poor	-

Location Map



Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	B-(G)

Village Condition

E-41 Los Canos

Located next to E40, Los Mesas.
- The tank lorry can not reach the village until the road is not repaired;
- The villagers collect water from the river.

No.	Village	Province	Hydrogeological Classification	Province No.
E-42	Los Pajaritos	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
30	180	- 0.0 %	30	180	40	6
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Good	Good	Good	-

Location Map

Development Plan System	Surface water supply system by FUDECO
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

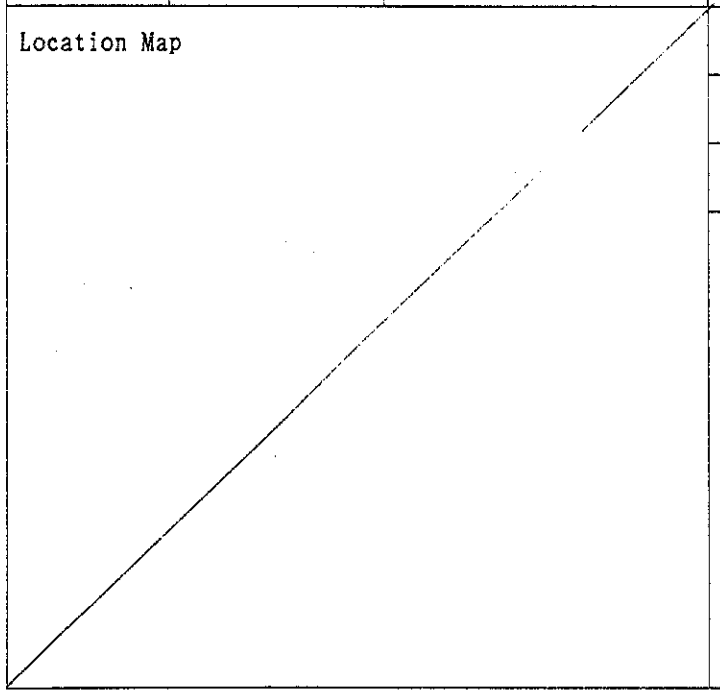
E-42 Los Pajaritos

- A Water supply project is implemented by FUDECO which includes village E43 as well.

No.	Village	Province	Hydrogeological Classification	Province No.
E-43	Boca del Botads	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
42	170	- 31.0 %	42	170	40	6
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-2)	Good	Good	Good	Good	-

Location Map



Development Plan System	Surface water supply system by INAPA
Classification of the Plan	S-III-2)
Implementation Program	C-(S)

Village Condition

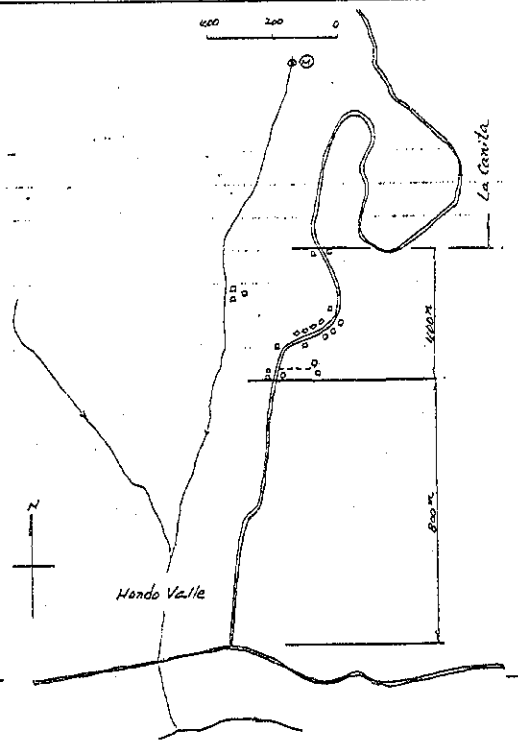
E-43 Boca del Botados

- Included in the Water supply project with village E42.

No.	Village	Province	Hydrogeological Classification	Province No.
E-44	Los Jaquelles	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
20	120	- 0.0 %	20	120	40	4
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	Low	Good	Poor	-

Location Map



Development Plan System	Village Dispersion
Classification of the Plan	-
Implementation Program	-

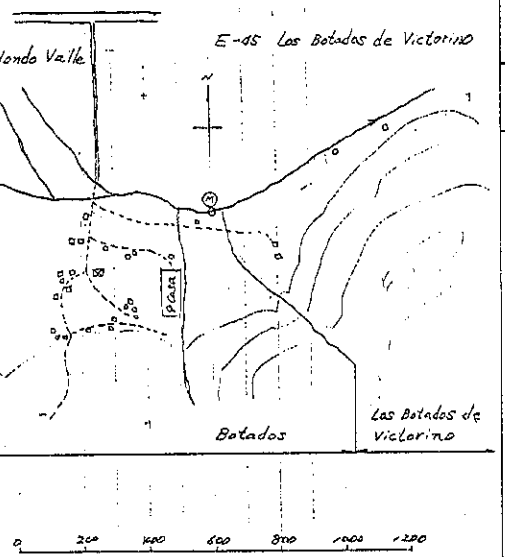
Village Condition

Village Dispersion

No.	Village	Province	Hydrogeological Classification	Province No.
E-45	LosBotadosVictorin	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
5	30	- 60.0 %	5	30	40	1
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Poor	-	-	-	-

Location Map



Development Plan System	Village Dispersion
Classification of the Plan	-
Implementation Program	

Village Condition

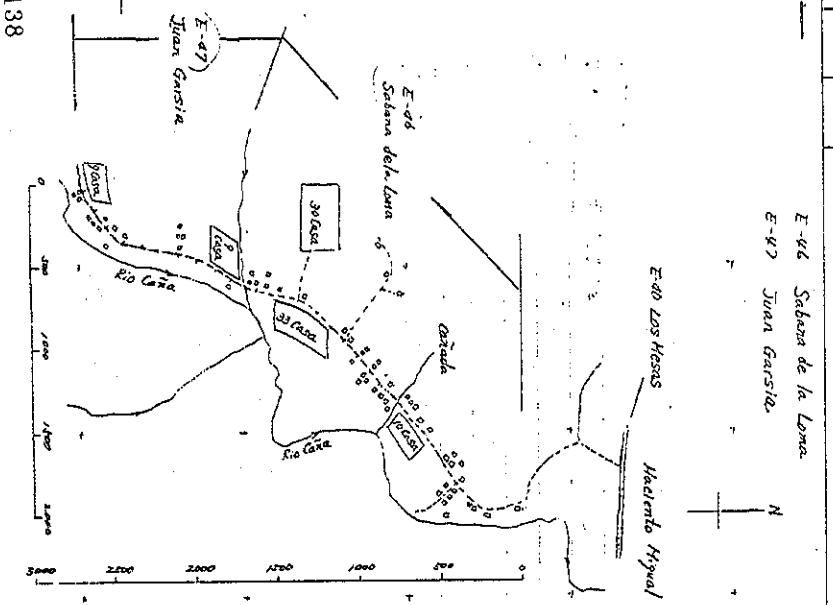
Billage Dispersion

No.	Village	Province	Hydrogeological Classification	Province No.
E-46	Sabana de la Lomo	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
118	708	- 0.0 %	118	708	40	23
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Very Poor	Low	Good	Poor	-

Development Plan System	Hand Pump x 7
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Location Map



Village Condition

E-46 Sabana de la Lomo

- Vehicles can not reach the village. The road shall be repaired;
- The villagers collect water of the Cana River.

683

No.	Village	Province	Hydrogeological Classification	Province No.
E-47	Juan Garcia	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
33	198	- 0.0 %	33	198	40	7
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Very Poor	Low	Good	Poor	-

Location Map

The same map as E-46 village.

Development Plan System	Hand Pump x 2
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

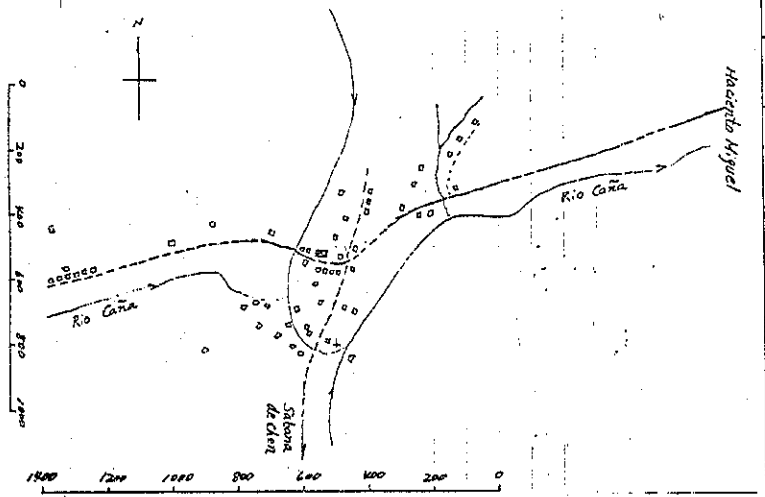
E-47 Juan Garcia

Located next to E45.
- The village condition is the same as village E46.

No.	Village	Province	Hydrogeological Classification	Province No.
E-48	Madre Vieja	Elias Pina	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
54	324	- 3.0 %	54	324	40	11
Source	System	Condition	Potential	Quality	Drilling Access	Others
River	S-III-1)	Very Poor	Low	Good	Poor	-

Location Map



Development Plan System	Hand Pump x 3
Classification of the Plan	G-I-1)
Implementation Program	A-(G)

Village Condition

E-48 Madre Vieja

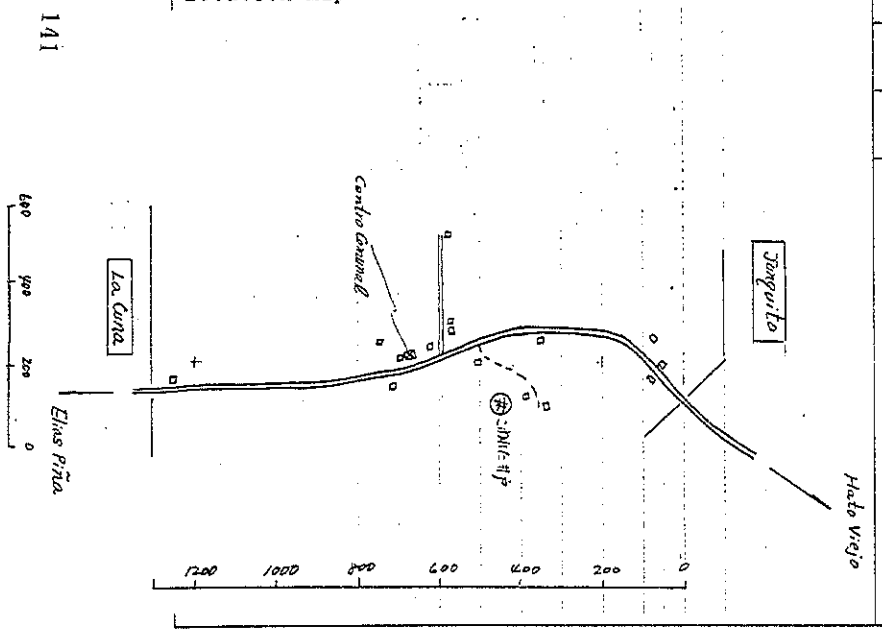
Located next to village E47.
- The village condition is the same as villages E46 and E47.

685

No.	Village	Province	Hydrogeological Classification	Province No.
E-49	El Corbano	Elias Pina	Valle de San Juan	V

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
27	102	- 0.0 %	27	102	40	3
Source	System	Condition	Potential	Quality	Drilling Access	Others
Hand P. x 1	G-I-1)	Poor	Very Low	Good	Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-III-1)
Implementation Program	C-(S)

Village Condition

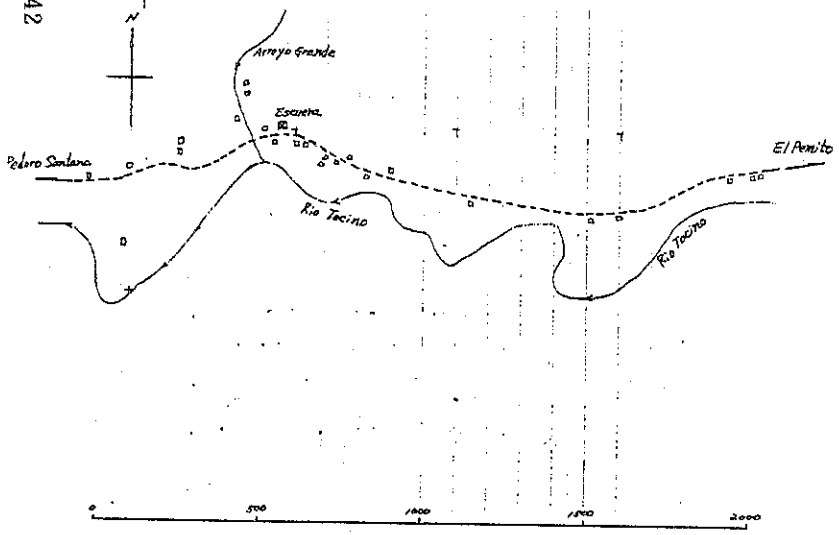
E-49 El Cortano

- There is one hand pump, but it is damaged;
- As groundwater potential is very low, groundwater development is assumed to be difficult.

No.	Village	Province	Hydrogeological Classification	Province No.
E-50	Arroyo Grande	Elias Pina	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
24	144	- 0.0 %	24	44	40	5
Source	System	Condition	Potential	Quality	Drilling Access	Others
Stream	S-IV-1)	Poor	Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-IV-1)
Implementation Program	C-(S)

Village Condition

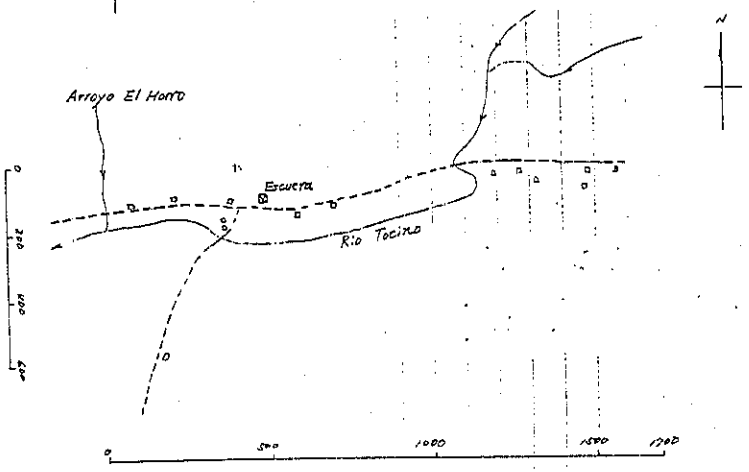
E-50 Arroyo Grande

- Vehicular access to the village center is impossible;
- The residents collect water from two springs.

No.	Village	Province	Hydrogeological Classification	Province No.
E-51	El Pomito	Elias Pina	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
14	84	- 0.0 %	14	84	40	3
Source	System	Condition	Potential	Quality	Drilling Access	Others
Stream	S-IV-1)	Poor	Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-IV-1)
Implementation Program	C-(S)

Village Condition

E-51 El Pomito

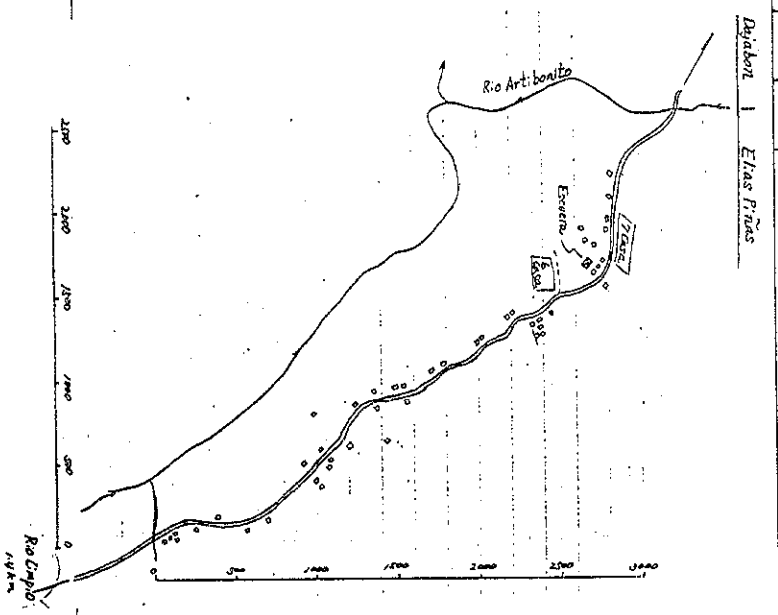
- Vehicular access to the village is impossible;
- The residents collect water from three springs.

No.	Village	Province	Hydrogeological Classification	Province No.
E-52	Robinzar	EliasPina	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
65	390	- 0.0 %	65	390	40	13
Source	System	Condition	Potential	Quality	Drilling Access	Others
Stream	S-IV-1)	Poor	Good	Good	Good	-

Development Plan System	Lio Limpio Water Supply System
Classification of the Plan	S-IV-1)
Implementation Program	S-(S)

Location Map



Village Condition

E-52 Robinzar

Located next to Rio Limpio City.
- Water will be supplied from the Rio Limpio water tank by a pipeline.

No.	Village	Province	Hydrogeological Classification	Province No.
E-53	Musu	Elias Pina	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
7	42	-100.0 %				
Source	System	Condition	Potential	Quality	Drilling Access	Others

Location Map

Development Plan System	
Classification of the Plan	
Implementation Program	

Village Condition

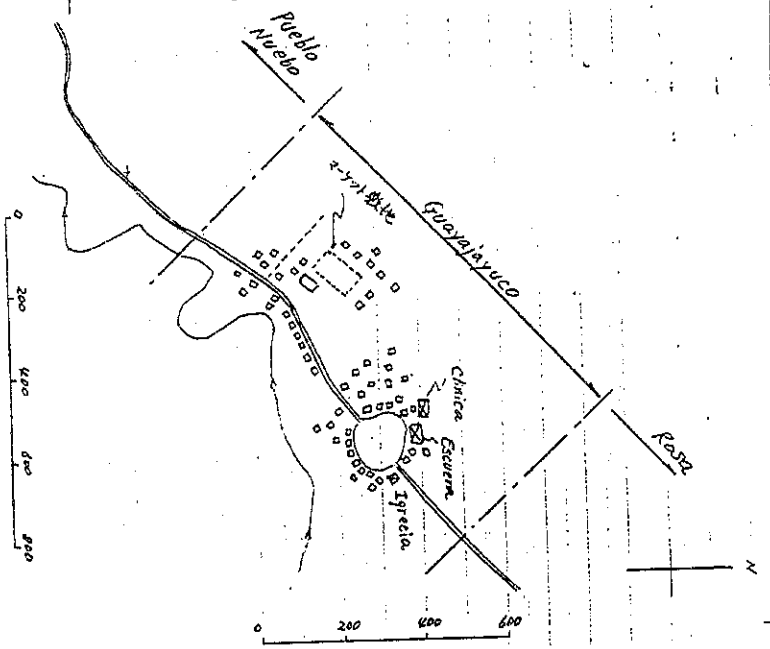
E-53 Musu

The village belongs to the Province of Santiago Rodoriguez.

No.	Village	Province	Hydrogeological Classification	Province No.
E-54	Guayajayuco	Elias Pina	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
30	180	- 0.0 %	30	180	40	6
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-IV-1)	Poor	Low	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

E-54 Guayajayuco

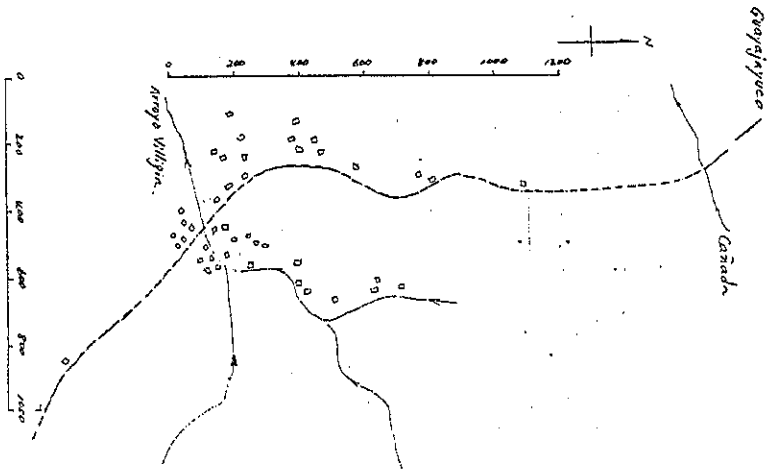
- Vehicular access to the village is impossible;
- The villagers are collecting spring water.

691

No.	Village	Province	Hydrogeological Classification	Province No.
E-55	Villain	Elias Pina	Cordillera Central	IV

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
40	240	- 0.0 %	40	240	40	6
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Good	High	Good	Very Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

E-55 Villain

Located at approximately 6.5 km from Guayajayuco village.
- Vehicular access to the village is not possible;
- Water intake from the springs is assumed to be easy.

No.	Village	Province	Hydrogeological Classification	Province No.
I-1	Palman Dulce	Independencia	Cuenca de Enriquillo	VII

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
Source	System	Condition	Potential	Quality	Drilling Access	Others

Location Map

Development Plan System	Village Disppersion
Classification of the Plan	
Implementation Program	

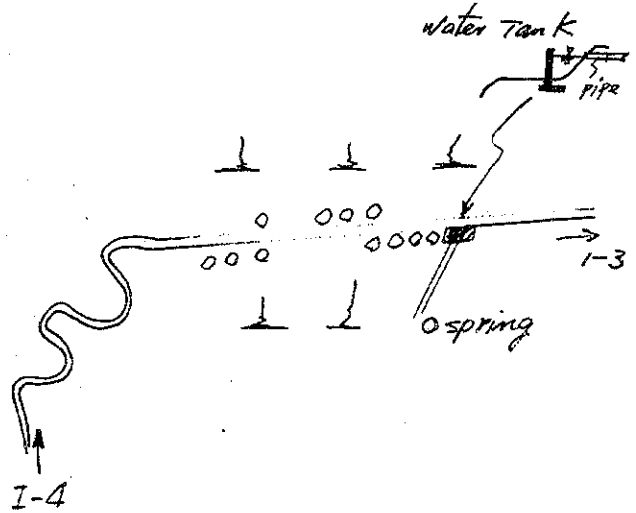
Village Condition

Village Disppersion

No.	Village	Province	Hydrogeological Classification	Province No.
I-2	Angel Felix	Independencia	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand (L/min)
95	495	+ 49.0 %	141	738	40	25
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-3)	Good	Loow	Good	Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

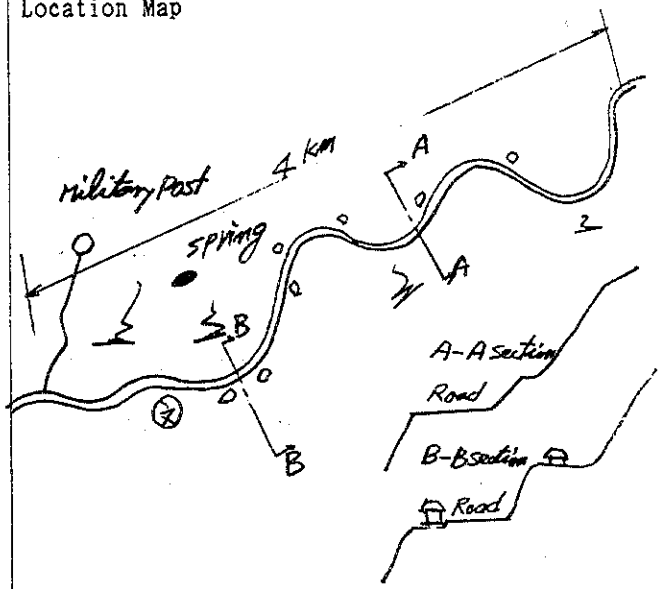
Located 15 km along the road to the north of Descubierta;
A village structured along the road that threads through a slope on the western side of a 1,400 m elevated mountain on its way up to another mountain of a 1,000-1,100 m elevation.
The area slopes gently from east to west and is made into farms/fields. Mountains can be seen to the east and a steep slope can be seen to the west as the road moves up north.
The village houses are structured along the side of the road at approximately 1 km, on the eastern side of the plateau, and on the planes of the western slope of the valley.

- Groundwater gushes out at the plateau on the east side of the road, and a pipeline made of bamboo was constructed at the northern end of the village to collect the water gushing out;
- The village has water collecting facilities, and the amount of water produces during the dry season has decreased to 4 liters/minute. This water resource is widely used and is considered valuable by the villagers.

No.	Village	Province	Hydrogeological Classification	Province No.
I-3	Sabana Real	Independencia	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
50	270	- 6.0 %	50	270	40	9
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-3)	Good	Low	Good	Poor	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

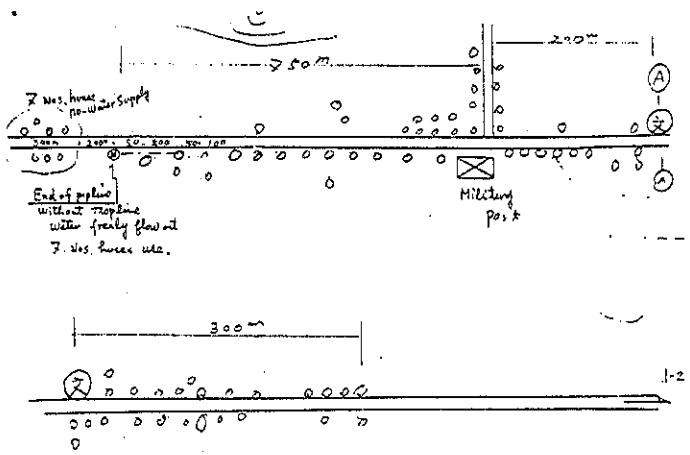
Located approximately 6 km along the road from I-2 Angel Felix. The elevation is 1,400 meters.
A plateau located on a 1,600 m high southern saddle. The village is located along the mountain raod that passes through the slopes of the valley to the west side of the plateau.
There are houses on the slope and down the slope or on the mountain top.

- There is a spring gushing 30-40 liters/ minute of groundwater of good quality during the dry season at an area 250 m straight from the village entrance where elevation is about 50 meters. The villagers pass through a bad road with their animal-pulled carts to collect water in this area;
- There are also small springs at the lower area of the valley and below the mountain. There are used by the villages nearby;
- Groundwater gushes forth 1-1.5 meters from the ground below the slope on the east side of the road. The villagers use animal-pulled carts to collect water from this area.

No.	Village	Province	Hydrogeological Classification	Province No.
I-4	Los Pinos del Eden	Independencia	Sirra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand (L/min)
59	390	+ 911 %	117	745	40	25
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-3)	Good	Low	Good	Good	-

Location Map



Development Plan System	Devloped by INDRHI
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

I-4 Los Pinos del Eden

Located 8 km along the road to the north of Descubierta; At the center of the village is a military post where family barracks are constructed. Village houses are located on the east side of a 1 km road coming from the center of the village. Approximately 300 meters from the center of the road, the houses are lined on both sides of the road.

- Door to water distribution is being conducted through the potable water system of INDHRI;
- Pipelines are not constructed at the start of the southern end of the village where 7 houses are built. However, the group located approximately 2 km away makes water flow from a pipeline constructed 200 m away. The villagers collect water from this area.

No.	Village	Province	Hydrogeological Classification	Province No.
I-5	Bortolome	Independencia	Cuenco de Enriqillo	VII

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
53	350	+ 11.0 %	61	391	40	13
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-3)	Good	High	Good	Good	-

Development Plan System	Descubierta Water supply System
Classification of the Plan	S-II-2)
Implementation Program	C-(S)

Location Map

Village Condition

I-5 Bartolome

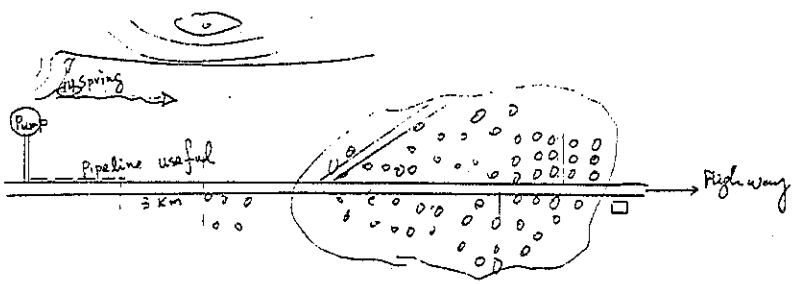
Located 2.5 km east of Descubierta;
The planes at the coast of the lakes;
The village is structured on both sides of the road.

- Door to door water supply is being conducted by the Descubierta Water Supply System. Water supply was stopped, however, because the system was destroyed by the construction machine of a private enterprise 6 months ago.

No.	Village	Province	Hydrogeological Classification	Province No.
I-6	Angostura	Independencia	Cuenco de Enrijuillo	VII

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
91	601	+ 79.0 %	176	1078	40	36
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-3)	Good	High	Good	Good	-

Location Map



Development Plan System	Developed by INAPA
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

I-6 Angostura

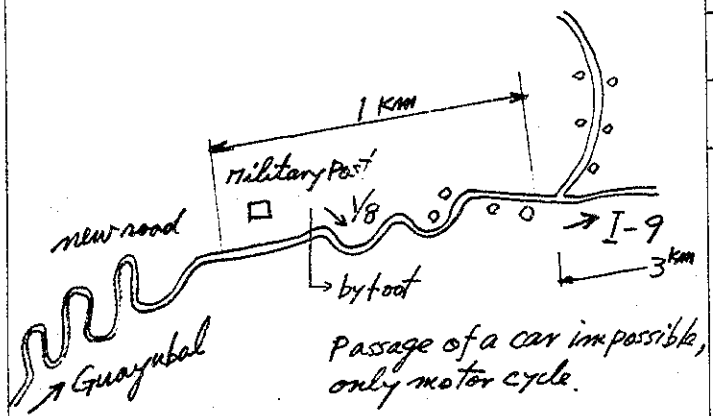
Located 20 km south of Neiba Mountains.
A lowland area shaped like a fan in the middle of Baoruco Mountains and the mountains at the southern coast of the Lake Enriquillo. The village gathers in the corner of a flat area.
A mountain village which is mainly into agriculture.
The majority of the village population gathers in one area. There are only less than 10 farmhouses within the area.

- An abundant amount of groundwater gushes out from the northern mountains 3 km west from the village. Through pressurized pumping, water is delivered to every house.

No.	Village	Province	Hydrogeological Classification	Province No.
I-7	Paso de los Novill	Idependencia	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
46	23	-0.0 %	46	230	40	8
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Good	High	Good	Good	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

I-7 Poso de los Novillos

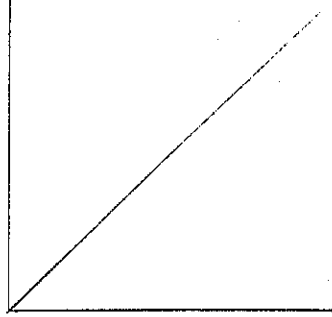
Located 15 km to the north along the road which comes 5 km straight from Guayubal.
Poso de los Novillos is located along the newly constructed road and vehicular passage is not prohibited. After this road, however, only two-wheeled vehicles are allowed passage.

- Los Batos and the spring and several streams of its headwaters.

No.	Village	Province	Hydrogeological Classification	Province No.
I-8	El Maniel	Independencia	Sierra de Neiba	VI

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
33	204	-0.0 %	33	204	40	7
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Good	High	Good	Good	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

I-8 El Maniel

- The same as I-7.

No.	Village	Province	Hydrogeological Classification	Province No.
I-9	Barreras	Indepndencia	Sierra de Neiba	VI

Water Supply Present Condition (1990)		
Household	Population	Growth Rate 1981-1990
61	202	-0.0 %
Source	System	Condition
Spring	S-II-1)	Good

Water Supply Development Plan for 2000			
Household	Population	Consumption (L/c/d)	Demand(L/min)
61	202	40	7
Potential	Quality	Drilling Access	Others
High	Good	Very Poor	-

Location Map

Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

I-9 Barreras

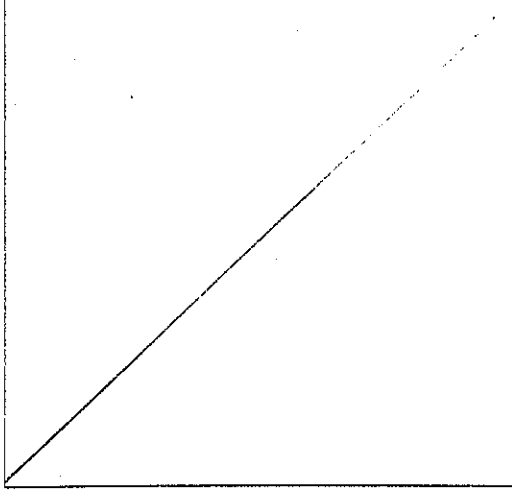
Located 3 km to the east of El Meniel;
Elevation: 1,200 to 1,300 meters.

- Los Rancho River and the spring of its headwaters.

No.	Village	Province	Hydrogeological Classification	Province No.
I-10	Gajo del Rancho	Independencia	Cuenca de Enriquillo	VII

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
Source	System	Condition	Potential	Quality	Drilling Access	Others

Location Map



Development Plan System	Village Dispersion
Classification of the Plan	
Implementation Program	

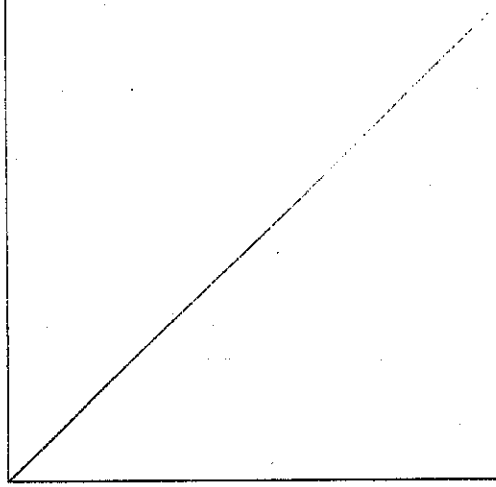
Village Condition

Village Dispersion

No.	Village	Province	Hydrogeological Classification	Province No.
I-11	Batey 9	Independencia	Cuenca de Enriquillo	VII

Water Supply Present Condition (1990)			Water Supply Development Plan for 2000			
Household	Population	Growth Rate 1981-1990	Household	Population	Consumption (L/c/d)	Demand(L/min)
82	541	+ 117.0 %	181	1175	40	39
Source	System	Condition	Potential	Quality	Drilling Access	Others
Spring	S-II-1)	Good	High	Good	Good	-

Location Map



Development Plan System	-
Classification of the Plan	S-II-1)
Implementation Program	C-(S)

Village Condition

I-11 Batey 9

- Potable water system; door to door water supply;
- River;
- Water is distributed through 8 communal faucets.