

Well Name	PMPA CONCOVA R		Coordinate	Lat.	202855
Map Name	PICA			Long	691824
Code No.	BNA	01700260-0	UTM (km)	N=	7735138
	DGA	219-A		E=	468,004
	CORFO (1975)	20206910 C-13	Elevation		
	CORFO (1969)	20006900	Date of Construction		

POSSESSION	Owner		RIEGO			
	Constructed for		RIEGO			
	Use for		RESEARCH - ABANDONED			
	Extraction Rate		m3/year			
	Remarks					
WELL SPECIFICATION	Drilling Depth		77.00 m			
	Total Cased Depth		m			
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level		mBGL		mMSL	
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
	Transmissivity (T)		cm2/sec			
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health		Significance			
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality		Others			
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	PMPA CONCOVA T		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700261-9	UTM (km)	N=	
	DGA	219-B		E=	
	CORFO (1975)	20206910 C-14	Elevation		
	CORFO (1969)	20006900	Date of Construction		

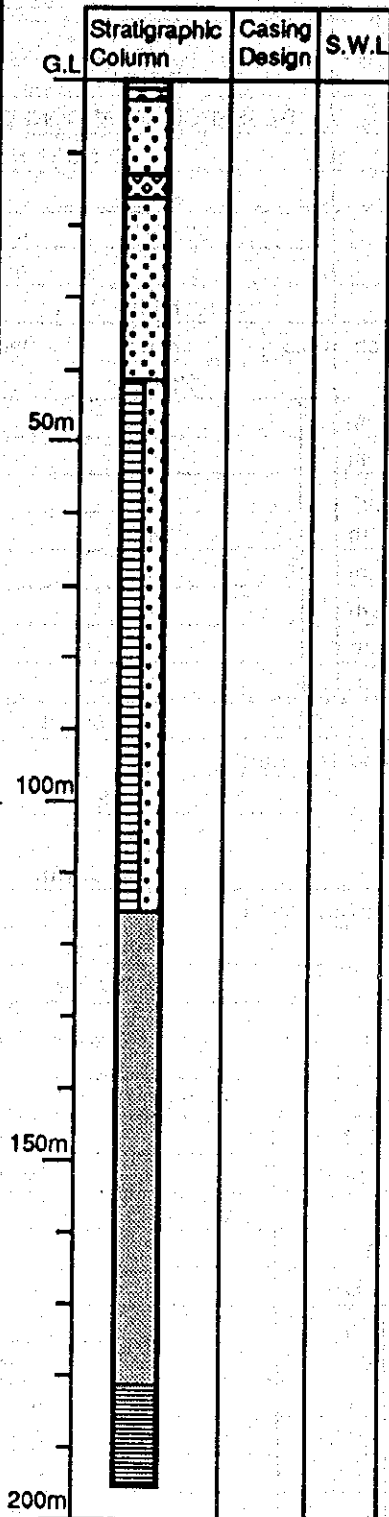
POSSESSION	Owner	RIEGO
	Constructed for	RIEGO
	Use for	RESEARCH - ABANDONED
	Extraction Rate	m ³ /year
	Remarks	

WELL SPECIFICATION	Drilling Depth	81.00		m		
	Total Cased Depth			m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	mBGL	mMSL
	Pumping Test Data		
	Pumping Rate	l/sec	
	Drawdown	m	
	Specific Capacity	m ³ /day/m	
	Aquifer Constants		
	Permeability (K)	cm/sec	
	Transmissivity (T)	cm ² /sec	
Strativity (S)			

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	LA CALERA 1		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700262-7	UTM (km)	N _x	
	DGA	172		E _x	
	CORFO (1975)	20206920 A-1	Elevation	1057.09	
	CORFO (1969)	20006900 C-1	Date of Construction		



POSSESSION	Owner	RIEGO	
	Constructed for	RIEGO	
	Use for	RESEARCH	
	Extraction Rate	m3/year	
	Remarks		

WELL SPECIFICATION	Drilling Depth	195.00		m		
	Total Cased Depth			m		
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	mBGL	mMSL
	Pumping Test Data		
	Pumping Rate	l/sec	
	Drawdown	m	
	Specific Capacity	m3/day/m	
	Aquifer Constants		
	Permeability (K)	cm/sec	
Transmissivity (T)	cm2/sec		
Strativity (S)			

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	LA CALERA 3		Coordinate	Lat.	202339
Map Name	PICA			Long	692651
Code No.	BNA	01700263-5	UTM (km)	N=	7744807
	DGA	170		E=	453,301
	CORFO (1975)	20206920 A-2	Elevation	1300.00	
	CORFO (1969)	20006900 C-5	Date of Construction	61/08	

POSSESSION	Owner	RIEGO
	Constructed for	RIEGO
	Use for	POTABLE
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	263.00	m			
	Total Cased Depth	162.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level!	14.20	mBGL	1285.8	mMSL
	Pumping Test Data				
	Pumping Rate	l/sec			
	Drawdown	m			
	Specific Capacity	m3/day/m			
	Aquifer Constants				
	Permeability (K)	cm/sec			
Transmissivity (T)	cm2/sec				
Strativity (S)					

WATER QUALITY	Sampling Date				
	Health		Significance		
	As	0.029	mg/l	N-NO2	mg/l
	N-NO3		mg/l	N-NH3	mg/l
	Aesthetic Quality		Others		
	PH	7.21		T	
	Fe	0.86	mg/l	EC	
	Cu	0.13	mg/l	Mg	12.30 mg/l
	P		mg/l	K	24.00 mg/l
	Na	3.96	mg/l	Ca	83.00 mg/l
Cl	2.45	mg/l	HCO3	74.00 mg/l	
So4	692.00	mg/l	CO3	0.00 mg/l	
			B	10.50 mg/l	

Well Name	LA CALERA 2		Coordinate	Lat.	202305
Map Name	PICA			Long	692547
Code No.	BNA	01700264-3	UTM (km)	N=	7745858
	DGA	171		E=	455,200
	CORFO (1975)	20206920 A-3	Elevation	1046.60	
	CORFO (1969)	20006900 C-2	Date of Construction	61/10	

POSSESSION	Owner	RIEGO
	Constructed for	RIEGO
	Use for	POTABLE
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	75.00		m		
	Total Cased Depth			m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	22.30 mBGL	1024.3 mMSL
	Pumping Test Data		
	Pumping Rate	5.00	l/sec
	Drawdown		m
	Specific Capacity		m3/day/m
	Aquifer Constants		
	Permeability (K)		cm/sec
	Transmissivity (T)		cm2/sec
Stratvity (S)			

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
	Cl	mg/l	HCO3	mg/l
	So4	mg/l	CO3	mg/l
		B	mg/l	

Well Name	ESMERALDA 6		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700265-1	UTM (km)	N=	
	DGA	174		E=	
	CORFO (1975)	20206920 A-4	Elevation	1007.00	
CORFO (1969)	20006900 C-4	Date of Construction	54/08		

POSSESSION	Owner	RIEGO
	Constructed for	RIEGO
	Use for	POTABLE
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	232.00	m			
	Total Cased Depth	180.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	11.41	mBGL	995.59	mMSL
	Pumping Test Data				
	Pumping Rate	42.00		l/sec	
	Drawdown	22.20		m	
	Specific Capacity	163.50		m3/day/m	
	Aquifer Constants				
	Permeability (K)			cm/sec	
Transmissivity (T)			cm2/sec		
Strativity (S)					

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	SALAR PINTADOS		Coordinate	Lat.	202563
Map Name	PICA			Long	692837
Code No.	BNA	01700266-K	UTM (km)	N=	7742.229
	DGA	173		E=	450.221
	CORFO (1975)	20206920 A-5	Elevation	1006.23	
	CORFO (1969)	20006900 C65	Date of Construction	65/09	

POSSESSION	Owner	CORFO J-5				
	Constructed for	CORFO-551				
	Use for	OBSERVATION WELL				
	Extraction Rate	m3/year				
	Remarks					
WELL SPECIFICATION	Drilling Depth	20.00				m
	Total Cased Depth	18.00				m
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level	15.37	mBGL	990.86	mMSL	
	Pumping Test Data					
	Pumping Rate					l/sec
	Drawdown					m
	Specific Capacity					m3/day/m
	Aquifer Constants					
	Permeability (K)					cm/sec
Transmissivity (T)					cm2/sec	
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH			T		
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 2		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700267-8	UTM (km)	N _z	
	DGA	224		E _z	
	CORFO (1975)	20206920 C-2	Elevation	1027.00	
	CORFO (1969)	20006900 C12	Date of Construction	53/06	

POSSESSION	Owner	CORFO				
	Constructed for	RIEGO				
	Use for	RESEARCH - ABANDONED				
	Extraction Rate	m ³ /year				
	Remarks					
WELL SPECIFICATION	Drilling Depth	178.00				m
	Total Cased Depth					m
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level	37.00	mBGL	990	mMSL	
	Pumping Test Data					
	Pumping Rate	2.00		l/sec		
	Drawdown	m				
	Specific Capacity	m ³ /day/m				
	Aquifer Constants					
	Permeability (K)	cm/sec				
Transmissivity (T)	cm ² /sec					
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO ₂	mg/l		
	N-NO ₃	mg/l	N-NH ₃	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO ₃	mg/l			
So ₄	mg/l	CO ₃	mg/l			
		B	mg/l			

Well Name	SAUQUECITO		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700268-6	UTM (km)	Nz	
	DGA	227		Ex	
	CORFO (1975)	20206920 D-1	Elevation	1300.00	
	CORFO (1968)	20006900 C-5	Date of Construction	58/07	

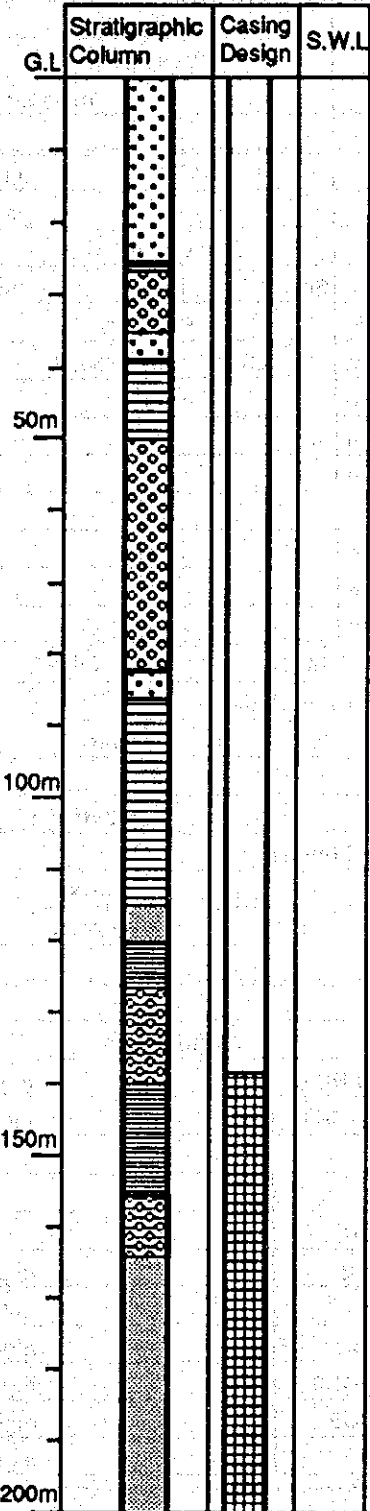
POSSESSION	Owner	RIEGO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	263.00	m			
	Total Cased Depth	162.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	14.20	mBGL	1285.8	mMSL
	Pumping Test Data				
	Pumping Rate	l/sec			
	Drawdown	m			
	Specific Capacity	m3/day/m			
	Aquifer Constants				
	Permeability (K)	cm/sec			
	Transmissivity (T)	cm2/sec			
Strativity (S)					

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	ESMERALDA 4		Coordinate	Lat.	202830
Map Name	PICA			Long	692412
Code No.	BNA	01700269-4	UTM (km)	N=	7735.877
	DGA	220		E=	457.938
	CORFO (1975)	20206920 D-2	Elevation	1181.44	
	CORFO (1969)	20006900 C13	Date of Construction	5/11	



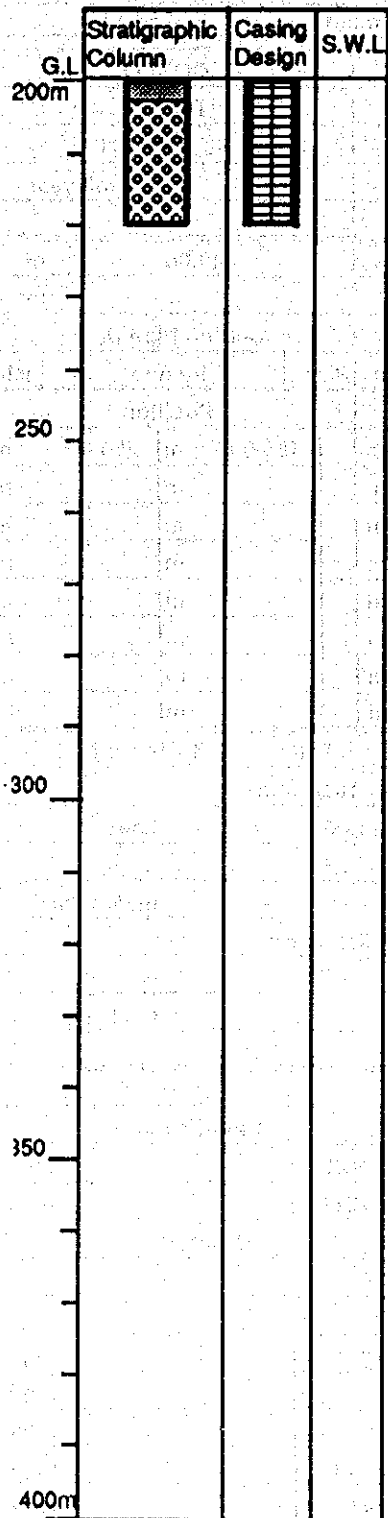
POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m ³ /year
Remarks		

WELL SPECIFICATION	Drilling Depth		349.00		m				
	Total Cased Depth		m						
	Casing Pipe Data			Screen Pipe Data					
	Size	12	Inch to	Inch	Size	Inch to	Inch		
	Position			Position					
		0.00	m	165.00	m	165.00	m	350.00	m
			m		m		m		m
			m		m		m		m
			m		m		m		m
			m		m		m		m

PUMPING TEST DATA	Static Water Level		32.00	mBGL	1149.44	mMSL
	Pumping Test Data					
	Pumping Rate	1.00		l/sec		
	Drawdown	m				
	Specific Capacity	m ³ /day/m				
	Aquifer Constants					
	Permeability (K)	cm/sec				
Transmissivity (T)	cm ² /sec					
Strativity (S)						

WATER QUALITY	Sampling Date					
	Heith			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 4		Coordinate	Lat.	202830	
Map Name	PICA			Long	692412	
Code No.	BNA	01700269-4	UTM (km)	N _s	7735.877	
	DGA	220		E _s	457.938	
	CORFO (1975)		20206920 D-2	Elevation		1181.44
	CORFO (1969)		20006900 C13	Date of Construction		5/11



POSSESSION	Owner	CORFO							
	Constructed for	RIEGO							
	Use for	RESEARCH							
	Extraction Rate	m3/year							
Remarks									
WELL SPECIFICATION	Drilling Depth	349.00 m							
	Total Cased Depth	m							
	Casing Pipe Data		Screen Pipe Data						
	Size	12	Inch to	Inch	Size	Inch to	Inch		
	Position			Position					
		0.00	m	165.00	m	165.00	m	350.00	m
			m		m		m		m
			m		m		m		m
			m		m		m		m
			m		m		m		m
PUMPING TEST DATA	Static Water Level	32.00	mBGL	1149.44	mMSL				
	Pumping Test Data								
	Pumping Rate	1.00		l/sec					
	Drawdown	m							
	Specific Capacity	m3/day/m							
	Aquifer Constants								
Permeability (K)	cm/sec								
Transmissivity (T)	cm2/sec								
Strativity (S)									
WATER QUALITY	Sampling Date								
	Health		Significance						
	As	mg/l	N-NO2	mg/l					
	N-NO3	mg/l	N-NH3	mg/l					
	Aesthetic Quality		Others						
	PH		T						
	Fe	mg/l	EC						
	Cu	mg/l	Mg	mg/l					
	P	mg/l	K	mg/l					
	Na	mg/l	Ca	mg/l					
Cl	mg/l	HCO3	mg/l						
So4	mg/l	CO3	mg/l						
		B	mg/l						

Well Name	ESMERALDA 7		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700270-8	UTM (km)	N=	
	DGA	213		E=	
	CORFO (1975)	20206920 D-3	Elevation	1087.00	
	CORFO (1969)	20006900 C-15	Date of Construction	55/01	

POSSESSION	Owner	CORFO			
	Constructed for	RIEGO			
	Use for	RESEARCH - ABANDONED			
	Extraction Rate	m3/year			
	Remarks				

WELL SPECIFICATION	Drilling Depth		360.00		m	
	Total Cased Depth		250.00		m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		41.60	mBGL	1045.4	mMSL
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
	Transmissivity (T)		cm2/sec			
Strativity (S)						

WATER QUALITY	Sampling Date					
	Heath			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
	So4	mg/l	CO3	mg/l		
		B	mg/l			

Well Name	ESMERALDA 8		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700271-6	UTM (km)	N _x	
	DGA	214		E _x	
	CORFO (1975)	20206920 D-4	Elevation	1094.70	
	CORFO (1969)	20006900 C-16	Date of Construction		

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH - ABANDONED
	Extraction Rate	m ³ /year
	Remarks	

WELL SPECIFICATION	Drilling Depth		450.00		m	
	Total Cased Depth				m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		51.00	mBGL	1043.70	mMSL
	Pumping Test Data					
	Pumping Rate	2.00		l/sec		
	Drawdown	m				
	Specific Capacity	m ³ /day/m				
	Aquifer Constants					
	Permeability (K)	cm/sec				
	Transmissivity (T)	cm ² /sec				
Strativity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO ₂	mg/l		
	N-NO ₃	mg/l	N-NH ₃	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO ₃	mg/l		
	So ₄	mg/l	CO ₃	mg/l		
		B	mg/l			

Well Name	ESMERALDA 9		Coordinate	Lat.	203000
Map Name	PICA			Long	692311
Code No.	BNA	01700272-4	UTM (km)	N=	7733.11
	DGA	225		E=	459.698
	CORFO (1975)	20206920 D-5	Elevation	1117.37	
	CORFO (1969)	20006900 C-17	Date of Construction	55/06	

POSSESSION	Owner		CORFO			
	Constructed for		RIEGO			
	Use for		RESEARCH			
	Extraction Rate		m3/year			
	Remarks					
WELL SPECIFICATION	Drilling Depth		312.00		m	
	Total Cased Depth				m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level		7.00	mBGL	1110.37	mMSL
	Pumping Test Data					
	Pumping Rate	2.00		l/sec		
	Drawdown	55.00		m		
	Specific Capacity	3.10		m3/day/m		
	Aquifer Constants					
	Permeability (K)			cm/sec		
Transmissivity (T)			cm2/sec			
Stratlvity (S)						
WATER QUALITY	Sampling Date					
	Helth			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	REFRESCO		Coordinate	Lat.	
Map Name	POZO ALMONTE			Long	
Code No.	BNA	01700272-0	UTM (km)	N _z	
	DGA	117		E _z	
	CORFO (1975)	20206940 D-5	Elevation	995.01	
	CORFO (1969)	20306930 D-64	Date of Construction	67/04	

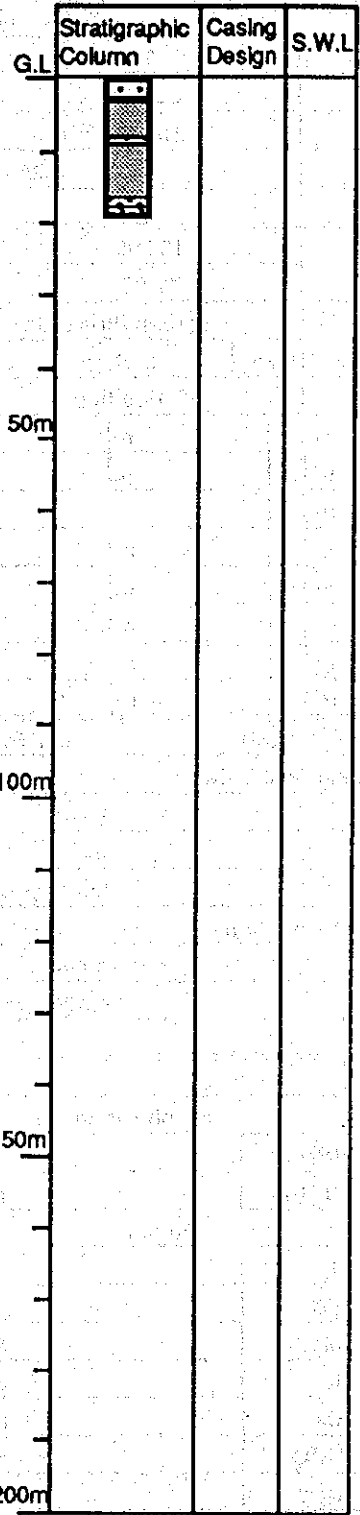
POSSESSION	Owner	CORFO-1D
	Constructed for	CORFO-655
	Use for	OBSERVATION WELL
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	12.00	m			
	Total Cased Depth	12.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	8.10	mBGL	986.91	mMSL
	Pumping Test Data				
	Pumping Rate				l/sec
	Drawdown				m
	Specific Capacity				m3/day/m
	Aquifer Constants				
	Permeability (K)				cm/sec
Transmissivity (T)				cm2/sec	
Strativity (S)					

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	QBDA. SECA 1		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700273-2	UTM (km)	N=	
	DGA	210		E=	
	CORFO (1975)	20206920 D-7	Elevation		
	CORFO (1969)	20006900 C-63	Date of Construction		68/02



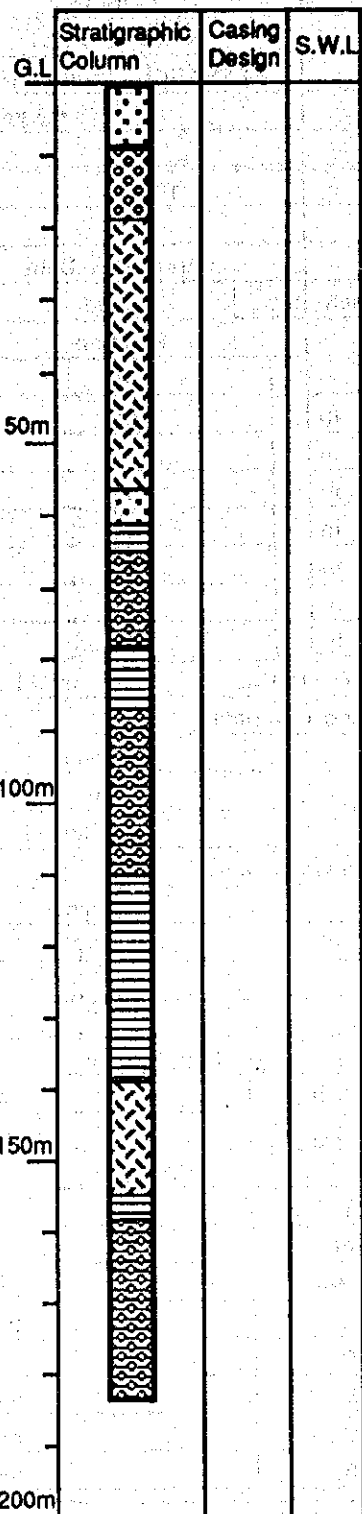
POSSESSION	Owner	CORFO
	Constructed for	CORFO-722
	Use for	RESEARCH - ABANDONED
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	18.00	m			
	Total Cased Depth		m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	DRY	mBGL	mMSL
	Pumping Test Data			
	Pumping Rate			l/sec
	Drawdown			m
	Specific Capacity			m3/day/m
	Aquifer Constants			
	Permeability (K)			cm/sec
	Transmissivity (T)			cm2/sec
Stratvity (S)				

WATER QUALITY	Sampling Date			
	Heath		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	QBDA. SECA 2		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700274-0	UTM (km)	N _x	
	DGA	211		E _x	
	CORFO (1975)	20206920 D-8	Elevation	1332.17	
	CORFO (1969)	20006900 C-84	Date of Construction	69/03	



POSSESSION	Owner	CORFO				
	Constructed for	CORFO -781				
	Use for	RESEARCH				
	Extraction Rate	m3/year				
Remarks						
WELL SPECIFICATION	Drilling Depth	183.00		m		
	Total Cased Depth	17.00		m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level	DRY		mBGL		
				mMSL		
	Pumping Test Data					
	Pumping Rate	l/sec				
	Drawdown	m				
	Specific Capacity	m3/day/m				
	Aquifer Constants					
Permeability (K)	cm/sec					
Transmissivity (T)	cm2/sec					
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 5		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700275-9	UTM (km)	N=	
	DGA	182		E=	
	CORFO (1975)	20206920 D-9	Elevation	1113.30	
CORFO (1969)	20006900 C-14	Date of Construction	55/11		

POSSESSION	Owner	CORFO				
	Constructed for	RIEGO				
	Use for	RESEARCH				
	Extraction Rate	m3/year				
	Remarks					
WELL SPECIFICATION	Drilling Depth	380.00				m
	Total Cased Depth	93.00				m
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level	10.50	mBGL	1102.8	mMSL	
	Pumping Test Data					
	Pumping Rate	10.00				l/sec
	Drawdown	m				
	Specific Capacity	m3/day/m				
	Aquifer Constants					
	Permeability (K)	cm/sec				
Transmissivity (T)	cm2/sec					
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 10		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700276-7	UTM (km)	N=	
	DGA	209A		E=	
	CORFO (1975)	20206920 D-10	Elevation		
	CORFO (1969)	20006900 C-18	Date of Construction		

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth				m	
	Total Cased Depth				m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		mBGL	mMSL
	Pumping Test Data			
	Pumping Rate			l/sec
	Drawdown			m
	Specific Capacity			m3/day/m
	Aquifer Constants			
	Permeability (K)			cm/sec
	Transmissivity (T)			cm2/sec
Strativity (S)				

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	ESMERALDA 11		Coordinate	Lat.	202836
Map Name	PICA			Long	692316
Code No.	BNA	01700277-5	UTM (km)	N=	7735.694
	DGA	183		E=	459.524
	CORFO (1975)	20206920 D-11	Elevation	1096.60	
	CORFO (1969)	20006900 C-19	Date of Construction	57/05	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m ³ /year
	Remarks	

WELL SPECIFICATION	Drilling Depth		315.00		m	
	Total Cased Depth				m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		15.00	mBGL	1081.6	mMSL
	Pumping Test Data					
	Pumping Rate	8.00		l/sec		
	Drawdown	m				
	Specific Capacity	m ³ /day/m				
	Aquifer Constants					
	Permeability (K)	cm/sec				
Transmissivity (T)	cm ² /sec					
Strativity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 13		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700278-3	UTM (km)	N_s	
	DGA	184		E_s	
	CORFO (1975)	20206920 D-12	Elevation	1113.30	
	CORFO (1969)	20006900 C-21	Date of Construction		

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	IRRIGATION
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	94.00	m			
	Total Cased Depth	20.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	34.00	mBGL	1079.30	mMSL
	Pumping Test Data				
	Pumping Rate	94.00			l/sec
	Drawdown				m
	Specific Capacity				m3/day/m
	Aquifer Constants				
	Permeability (K)				cm/sec
	Transmissivity (T)				cm2/sec
Strativity (S)					

WATER QUALITY	Sampling Date				
	Health			Significance	
	As	0.027	mg/l	N-NO2	mg/l
	N-NO3		mg/l	N-NH3	mg/l
	Aesthetic Quality			Others	
	PH	6.70		T	
	Fe	0.00	mg/l	EC	
	Cu	0.00	mg/l	Mg	8.10 mg/l
	P		mg/l	K	9.40 mg/l
	Na	175.00	mg/l	Ca	77.00 mg/l
Cl	112.00	mg/l	HCO3	190.00 mg/l	
So4	279.00	mg/l	CO3	0.00 mg/l	
			B	3.63 mg/l	

Well Name	ESMERALDA 14		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700279-1	UTM (km)	N=	
	DGA	185		E=	
	CORFO (1975)	20206920 D-13	Elevation	1113.34	
	CORFO (1969)	20006900 C-22	Date of Construction		

POSSESSION	Owner	CORFO				
	Constructed for	RIEGO				
	Use for	RESEARCH				
	Extraction Rate	m3/year				
	Remarks					
WELL SPECIFICATION	Drilling Depth	90.00 m				
	Total Cased Depth	m				
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
	PUMPING TEST DATA	Static Water Level	31.70 mBGL		1081.64 mMSL	
Pumping Test Data						
Pumping Rate		10.00		l/sec		
Drawdown		m				
Specific Capacity		m3/day/m				
Aquifer Constants						
Permeability (K)		cm/sec				
Transmissivity (T)		cm2/sec				
Strativity (S)						
WATER QUALITY	Sampling Date					
	Heath			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 15		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700280-5	UTM (km)	N=	
	DGA	209B		E=	
	CORFO (1975)	20206920 D-14	Elevation	1115.77	
	CORFO (1969)	20006900 C-23	Date of Construction		

POSSESSION	Owner	CORFO	
	Constructed for	RIEGO	
	Use for	RESEARCH	
	Extraction Rate	m3/year	
	Remarks		

WELL SPECIFICATION	Drilling Depth	100.00		m		
	Total Cased Depth			m		
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	33.50	mBGL	1082.27	mMSL
	Pumping Test Data				
	Pumping Rate	8.00		l/sec	
	Drawdown			m	
	Specific Capacity			m3/day/m	
	Aquifer Constants				
	Permeability (K)			cm/sec	
	Transmissivity (T)			cm2/sec	

WATER QUALITY	Sampling Date				
	Health		Significance		
	As	mg/l	N-NO2	mg/l	
	N-NO3	mg/l	N-NH3	mg/l	
	Aesthetic Quality		Others		
	PH		T		
	Fe	mg/l	EC		
	Cu	mg/l	Mg	mg/l	
	P	mg/l	K	mg/l	
	Na	mg/l	Ca	mg/l	
Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l		
		B	mg/l		

Well Name	ESMERALDA 16		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700281-3	UTM (km)	N=	
	DGA	186		E=	
	CORFO (1975)	20206920 D-15	Elevation	1126.25	
	CORFO (1969)	20006900 C-24	Date of Construction		

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth		120.00		m	
	Total Cased Depth				m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		mBGL	mMSL
	Pumping Test Data			
	Pumping Rate	5.00	l/sec	
	Drawdown	m		
	Specific Capacity	m3/day/m		
	Aquifer Constants			
	Permeability (K)	cm/sec		
	Transmissivity (T)	cm2/sec		
Strativity (S)				

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	ESMERALDA 18		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700282-1	UTM (km)	N=	
	DGA	187		E=	
	CORFO (1975)	20206920 D-16	Elevation	1101.11	
	CORFO (1969)	20006900 C-26	Date of Construction		

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	150.00	m			
	Total Cased Depth		m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	70.00	mBGL	1031.11	mMSL
	Pumping Test Data				
	Pumping Rate	7.00		l/sec	
	Drawdown			m	
	Specific Capacity			m3/day/m	
	Aquifer Constants				
	Permeability (K)			cm/sec	
	Transmissivity (T)			cm2/sec	
Strativity (S)					

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
	Cl	mg/l	HCO3	mg/l
	So4	mg/l	CO3	mg/l
		B	mg/l	

Well Name	ESMERALDA 19		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700283-K	UTM (km)	N=	
	DGA	188		E=	
	CORFO (1975)	20206920 D-17	Elevation	1141.00	
CORFO (1969)	20006900 C-27	Date of Construction			

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	130.00	m			
	Total Cased Depth		m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	mBGL	mMSL
	Pumping Test Data		
	Pumping Rate	1.00	l/sec
	Drawdown		m
	Specific Capacity		m3/day/m
	Aquifer Constants		
	Permeability (K)		cm/sec
	Transmissivity (T)		cm2/sec
Strativity (S)			

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	ESMERALDA 20		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700284-8	UTM (km)	Nz	
	DGA	189		Ex	
	CORFO (1975)	20206920 D-18	Elevation	1104.57	
CORFO (1969)	20006900 C-28	Date of Construction			

POSSESSION	Owner		CORFO			
	Constructed for		RIEGO			
	Use for		RESEARCH			
	Extraction Rate		m3/year			
	Remarks					
WELL SPECIFICATION	Drilling Depth		150.00		m	
	Total Cased Depth				m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level		70.00	mBGL	1034.57	mMSL
	Pumping Test Data					
	Pumping Rate		6.00		l/sec	
	Drawdown				m	
	Specific Capacity				m3/day/m	
	Aquifer Constants					
	Permeability (K)				cm/sec	
Transmissivity (T)				cm2/sec		
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 21		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700285-6	UTM (km)	N=	
	DGA	190		E=	
	CORFO (1975)	20206920 D-19	Elevation	1143.45	
	CORFO (1969)	20006900 C-29	Date of Construction		

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RSEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	150.00	m			
	Total Cased Depth		m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	31.00	mBGL	1112.45	mMSL
	Pumping Test Data				
	Pumping Rate				l/sec
	Drawdown				m
	Specific Capacity				m3/day/m
	Aquifer Constants				
	Permeability (K)				cm/sec
	Transmissivity (T)				cm2/sec
Strativity (S)					

WATER QUALITY	Sampling Date			
	Heath		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	ESMERALDA 22		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700286-4	UTM (km)	N=	
	DGA	191		E=	
	CORFO (1975)	20206920 D-20	Elevation	1109.90	
	CORFO (1969)	20006900 C-30	Date of Construction	62/04	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	150.00	m			
	Total Cased Depth		m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	31.00	mBGL	1078.90	mMSL
	Pumping Test Data				
	Pumping Rate				l/sec
	Drawdown				m
	Specific Capacity				m3/day/m
	Aquifer Constants				
	Permeability (K)				cm/sec
Transmissivity (T)				cm2/sec	
Strativity (S)					

WATER QUALITY	Sampling Date				
	Health		Significance		
	As	mg/l	N-NO2	mg/l	
	N-NO3	mg/l	N-NH3	mg/l	
	Aesthetic Quality		Others		
	PH		T		
	Fe	mg/l	EC		
	Cu	mg/l	Mg	mg/l	
	P	mg/l	K	mg/l	
	Na	mg/l	Ca	mg/l	
Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l		
		B	mg/l		

Well Name	ESMERALDA 23		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700287-2	UTM (km)	N=	
	DGA	192		E=	
	CORFO (1975)	20206920 D-21	Elevation	1132.40	
CORFO (1969)	20006900 C-31	Date of Construction			

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH - ABANDONED
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth		101.00		m	
	Total Cased Depth					
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		41.00	mBGL	1091.40	mMSL
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
	Transmissivity (T)		cm2/sec			
Stratvity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 24		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700288-0	UTM (km)	N _s	
	DGA	193		E _s	
	CORFO (1975)	20206920 D-22	Elevation	1130.32	
	CORFO (1969)	20006900 C-32	Date of Construction		

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m ³ /year
	Remarks	

WELL SPECIFICATION	Drilling Depth	83.00		m		
	Total Cased Depth			m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	42.00 mBGL	1088.32 mMSL
	Pumping Test Data		
	Pumping Rate	l/sec	
	Drawdown	m	
	Specific Capacity	m ³ /day/m	
	Aquifer Constants		
	Permeability (K)	cm/sec	
	Transmissivity (T)	cm ² /sec	
Strativity (S)			

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO ₂	mg/l
	N-NO ₃	mg/l	N-NH ₃	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
	Cl	mg/l	HCO ₃	mg/l
	So ₄	mg/l	CO ₃	mg/l
		B	mg/l	

Well Name	ESMERALDA 25		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700289-9	UTM (km)	N=	
	DGA	194		E=	
	CORFO (1975)	20206920 D-24	Elevation	1123.48	
	CORFO (1969)	20006900 C-34	Date of Construction	62/05	

POSSESSION	Owner	CORFO	
	Constructed for		
	Use for	RESEARCH	
	Extraction Rate	m3/year	
	Remarks		

WELL SPECIFICATION	Drilling Depth		84.00		m	
	Total Cased Depth		60.00		m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		45.00	mBGL	1078.48	mMSL
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
	Transmissivity (T)		cm2/sec			
Strativity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 25A		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700290-2	UTM (km)	N _x	
	DGA	195		E _x	
	CORFO (1975)	20206920 D-24	Elevation	1123.66	
	CORFO (1969)	20006900 C-34	Date of Construction	62/10	

POSSESSION	Owner	CORFO	
	Constructed for		
	Use for	RESEARCH	
	Extraction Rate	m3/year	
	Remarks		

WELL SPECIFICATION	Drilling Depth		61.00		m	
	Total Cased Depth				m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		37.90	mBGL	1085.76	mMSL
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
	Transmissivity (T)		cm2/sec			
	Stratvity (S)					

WATER QUALITY	Sampling Date				
	Health		Significance		
	As	mg/l	N-NO2	mg/l	
	N-NO3	mg/l	N-NH3	mg/l	
	Aesthetic Quality		Others		
	PH		T		
	Fe	mg/l	EC		
	Cu	mg/l	Mg	mg/l	
	P	mg/l	K	mg/l	
	Na	mg/l	Ca	mg/l	
	Cl	mg/l	HCO3	mg/l	
	So4	mg/l	CO3	mg/l	
		B	mg/l		

Well Name	ESMERALDA 26		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700291-0	UTM (km)	N=	
	DGA	196		E=	
	CORFO (1975)	20206920 D-25	Elevation	1110.70	
	CORFO (1969)	2000 6900 C-35	Date of Construction	62/05	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	126.00	m			
	Total Cased Depth		m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	31.20	mBGL	1079.5	mMSL
	Pumping Test Data				
	Pumping Rate	1.00		l/sec	
	Drawdown			m	
	Specific Capacity			m3/day/m	
	Aquifer Constants				
	Permeability (K)			cm/sec	
	Transmissivity (T)			cm2/sec	

WATER QUALITY	Sampling Date				
	Health		Significance		
	As	mg/l	N-NO2	mg/l	
	N-NO3	mg/l	N-NH3	mg/l	
	Aesthetic Quality		Others		
	PH		T		
	Fe	mg/l	EC		
	Cu	mg/l	Mg	mg/l	
	P	mg/l	K	mg/l	
	Na	mg/l	Ca	mg/l	
Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l		
		B	mg/l		

Well Name	ESMERALDA 27		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700292-9	UTM (km)	N _x	
	DGA	209D		E _x	
	CORFO (1975)	20206920 D-26	Elevation		
	CORFO (1969)	20006900 C-36	Date of Construction	62/07	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m ³ /year
	Remarks	

WELL SPECIFICATION	Drilling Depth	78.00	m			
	Total Cased Depth	78.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	mBGL	mMSL
	Pumping Test Data		
	Pumping Rate	11.00	l/sec
	Drawdown		m
	Specific Capacity		m ³ /day/m
	Aquifer Constants		
	Permeability (K)		cm/sec
Transmissivity (T)		cm ² /sec	
Strativity (S)			

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	ESMERALDA 28		Coordinate	Lat.	202842
Map Name	PICA			Long	692256.000
Code No.	BNA	01700293-7	UTM (km)	N=	7735.467
	DGA	197		E=	460.128
	CORFO (1975)	20206920 D-27	Elevation		1130.92
	CORFO (1969)	20006900 C-37	Date of Construction		62/07

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth		83.00	m		
	Total Cased Depth		61.00	m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		32.60	mBGL	1098.32	mMSL
	Pumping Test Data					
	Pumping Rate		9.00	l/sec		
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
	Transmissivity (T)		cm2/sec			
Strativity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 29		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700294-5	UTM (km)	N=	
	DGA	198		E=	
	CORFO (1975)	20206920 D-28	Elevation	1112.03	
	CORFO (1968)	20006900 C-38	Date of Construction	62/06	

POSSESSION	Owner	CORFO	
	Constructed for	RIEGO	
	Use for		
	Extraction Rate	m3/year	
	Remarks		

WELL SPECIFICATION	Drilling Depth	102.00		m		
	Total Cased Depth			m		
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	32.6	mBGL	1079.43	mMSL
	Pumping Test Data				
	Pumping Rate	1.00		l/sec	
	Drawdown			m	
	Specific Capacity			m3/day/m	
	Aquifer Constants				
	Permeability (K)			cm/sec	
	Transmissivity (T)			cm2/sec	
Strativity (S)					

WATER QUALITY	Sampling Date				
	Health		Significance		
	As	mg/l	N-NO2	mg/l	
	N-NO3	mg/l	N-NH3	mg/l	
	Aesthetic Quality		Others		
	PH		T		
	Fe	mg/l	EC		
	Cu	mg/l	Mg	mg/l	
	P	mg/l	K	mg/l	
	Na	mg/l	Ca	mg/l	
Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l		
		B	mg/l		

Well Name	ESMERALDA 30		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700295-3	UTM (km)	N _z	
	DGA	199		E _x	
	CORFO (1975)	20206920 D-29	Elevation	1118.99	
	CORFO (1969)	20006900 C-39	Date of Construction	62/07	

POSSESSION	Owner	CORFO	
	Constructed for	RIEGO	
	Use for	RESEARCH	
	Extraction Rate	m ³ /year	
	Remarks		

WELL SPECIFICATION	Drilling Depth		70.00		m	
	Total Cased Depth		51.00		m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		32.00	mBGL	1086.99	mMSL
	Pumping Test Data					
	Pumping Rate	8.00		l/sec		
	Drawdown	m				
	Specific Capacity	m ³ /day/m				
	Aquifer Constants					
	Permeability (K)	cm/sec				
	Transmissivity (T)	cm ² /sec				
Strativity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 31		Coordinate	Lat.	202851
Map Name	PICA			Long	692242
Code No.	BNA	01700298-1	UTM (km)	N=	no data
	DGA	200		E=	no data
	CORFO (1975)	20206920 D-30	Elevation	1111.77	
	CORFO (1969)	20006900 C-40	Date of Construction	62/07	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth		85.00		m	
	Total Cased Depth		65.00		m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

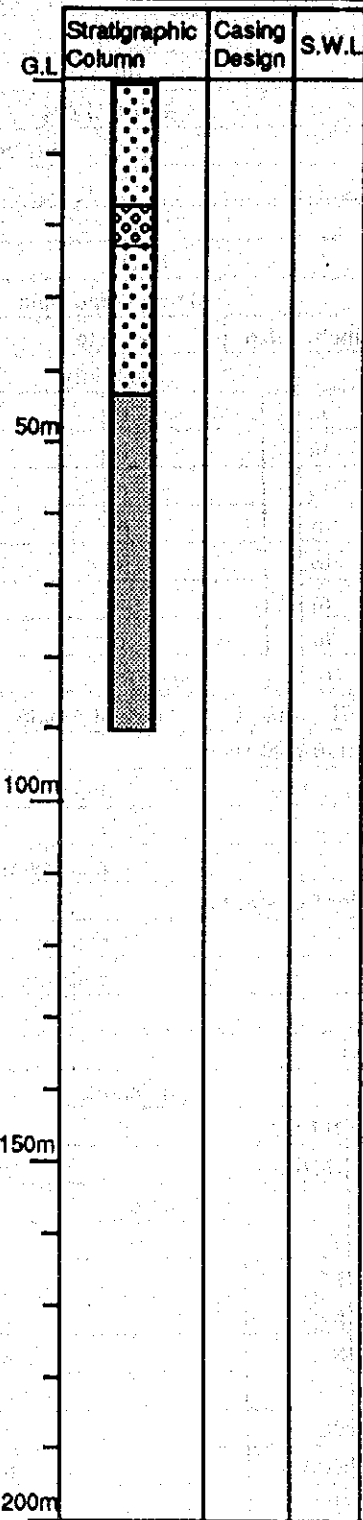
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	Pumping Test Data					
	Pumping Rate	7.00		l/sec		
	Drawdown	m				
	Specific Capacity	m3/day/m				
	Aquifer Constants					
	Permeability (K)	cm/sec				
	Transmissivity (T)	cm2/sec				
Strativity (S)						

WATER QUALITY	Sampling Date					
	Heath			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 32		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700297-K	UTM (km)	N=	
	DGA	201		E=	
	CORFO (1975)	20206920 D-31	Elevation	1115.48	
	CORFO (1969)	20006900 C-41	Date of Construction	62/08	

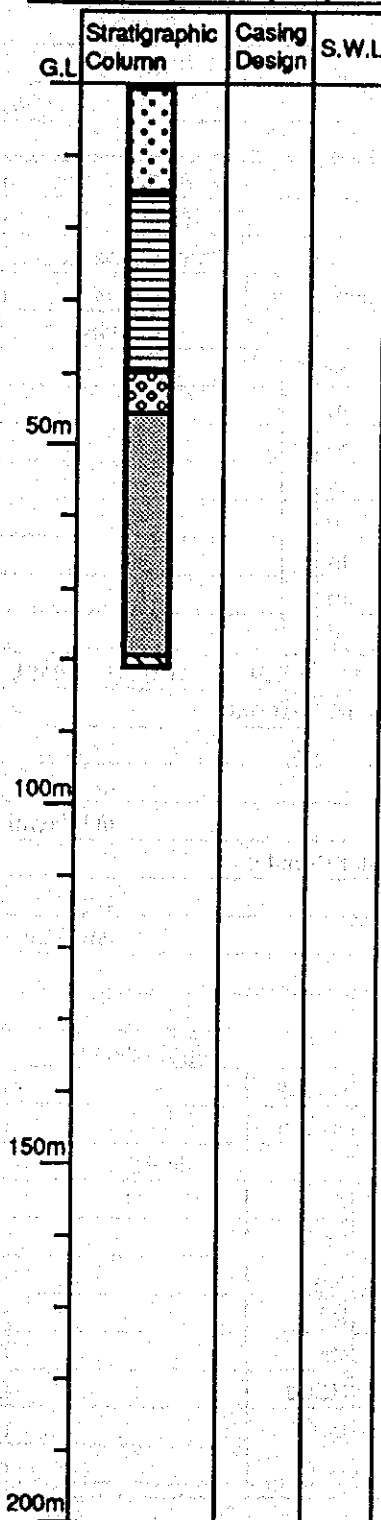
G.L.	Stratigraphic Column	Casing Design	S.W.L.	50m	100m	150m	200m	POSSSESSION	Owner	CORFO					
									Constructed for	RIEGO					
									Use for	RESEARCH					
									Extraction Rate	m3/year					
									Remarks						
									WELL SPECIFICATION	Drilling Depth	92.00	m			
										Total Cased Depth	75.00	m			
										Casing Pipe Data		Screen Pipe Data			
										Size	Inch to	Inch	Size	Inch to	Inch
										Position			Position		
											m	m		m	m
											m	m		m	m
											m	m		m	m
											m	m		m	m
											m	m		m	m
									PUMPING TEST DATA	Static Water Level	33.70	mBGL	1081.78	mMSL	
										Pumping Test Data					
										Pumping Rate	9.00	l/sec			
										Drawdown		m			
										Specific Capacity		m3/day/m			
Aquifer Constants															
Permeability (K)		cm/sec													
Transmissivity (T)		cm2/sec													
Stratvity (S)															
WATER QUALITY	Sampling Date														
	Heath		Significance												
	As	mg/l	N-NO2	mg/l											
	N-NO3	mg/l	N-NH3	mg/l											
	Aesthetic Quality		Others												
	PH		T												
	Fe	mg/l	EC												
	Cu	mg/l	Mg	mg/l											
	P	mg/l	K	mg/l											
	Na	mg/l	Ca	mg/l											
Cl	mg/l	HCO3	mg/l												
So4	mg/l	CO3	mg/l												
		B	mg/l												

Well Name	ESMERALDA 33		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700298-8	UTM (km)	N=	
	DGA	202		E=	
	CORFO (1975)	20206920 D-32	Elevation	1113.45	
	CORFO (1969)	20006900 C-42	Date of Construction	62/08	



POSSESSION	Owner	CORFO			
	Constructed for	RIEGO			
WELL SPECIFICATION	Use for	RESEARCH			
	Extraction Rate	m3/year			
	Remarks				
	Drilling Depth	90.00	m		
Total Cased Depth	75.00	m			
PUMPING TEST DATA	Casing Pipe Data		Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to
	Position		Position		
		m	m	m	m
		m	m	m	m
		m	m	m	m
		m	m	m	m
		m	m	m	m
		m	m	m	m
WATER QUALITY	Static Water Level		36.00	mBGL	1077.45
	Pumping Test Data				
	Pumping Rate	8.00	l/sec		
	Drawdown		m		
	Specific Capacity		m3/day/m		
	Aquifer Constants				
Permeability (K)		cm/sec			
Transmissivity (T)		cm2/sec			
Strativity (S)					
WATER QUALITY	Sampling Date				
	Health		Significance		
	As	mg/l	N-NO2	mg/l	
	N-NO3	mg/l	N-NH3	mg/l	
	Aesthetic Quality		Others		
	PH		T		
	Fe	mg/l	EC		
	Cu	mg/l	Mg	mg/l	
	P	mg/l	K	mg/l	
	Na	mg/l	Ca	mg/l	
Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l		
		B	mg/l		

Well Name	ESMERALDA 34		Coordinate	Lat.	202913
Map Name	PICA			Long	692239
Code No.	BNA	01700299-6	UTM (km)	N _x	7734.545
	DGA	203		E _x	460.618
	CORFO (1975)	20206920 D-33	Elevation	1118.72	
	CORFO (1969)	20006900 C-43	Date of Construction	62/09	



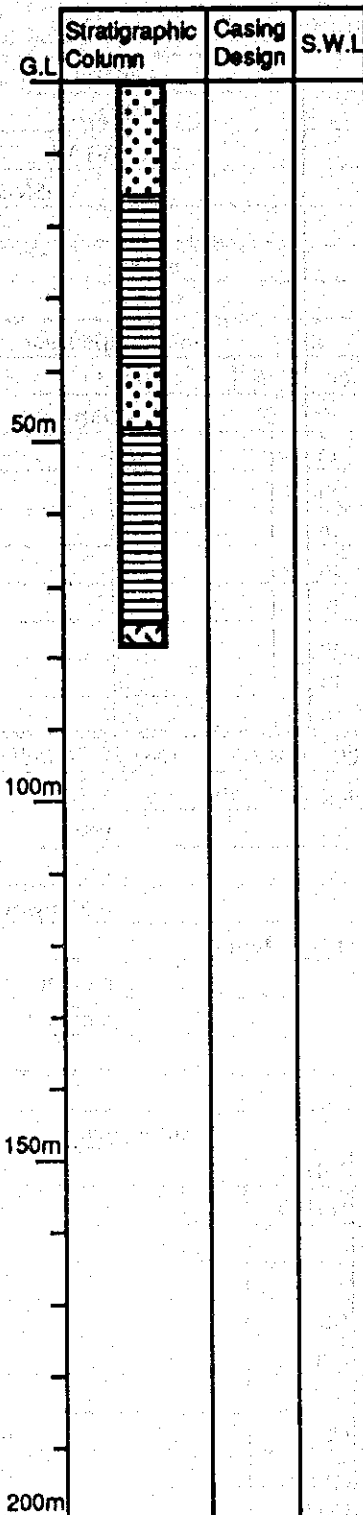
POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m ³ /year
	Remarks	

WELL SPECIFICATION	Drilling Depth	85.00	m			
	Total Cased Depth	70.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	37.00	mBGL	1081.72	mMSL
	Pumping Test Data				
	Pumping Rate	l/sec			
	Drawdown	m			
	Specific Capacity	m ³ /day/m			
	Aquifer Constants				
	Permeability (K)	cm/sec			
Transmissivity (T)	cm ² /sec				
Strathvity (S)					

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	ESMERALDA 35		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700300-3	UTM (km)	Nx	
	DGA	204		Ex	
	CORFO (1975)	20206920 D-34	Elevation	1121.31	
	CORFO (1969)	20006900 C-44	Date of Construction	62/10	



POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	83.00	m			
	Total Cased Depth	65.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	36.40	mBGL	1084.91	mMSL
	Pumping Test Data				
	Pumping Rate	10.00		l/sec	
	Drawdown			m	
	Specific Capacity			m3/day/m	
	Aquifer Constants				
	Permeability (K)			cm/sec	
	Transmissivity (T)			cm2/sec	

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO2	mg/l
	N-NO3	mg/l	N-NH3	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO3	mg/l	
So4	mg/l	CO3	mg/l	
		B	mg/l	

Well Name	ESMERALDA 36		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700301-1	UTM (km)	N=	
	DGA	205		E=	
	CORFO (1975)	20206920 D-35	Elevation	1120.60	
	CORFO (1969)	20006900 C-45	Date of Construction	62/10	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	82.00	m			
	Total Cased Depth	60.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	34.40	mBGL	1086.2	mMSL
	Pumping Test Data				
	Pumping Rate	l/sec			
	Drawdown	m			
	Specific Capacity	m3/day/m			
	Aquifer Constants				
	Permeability (K)	cm/sec			
	Transmissivity (T)	cm2/sec			
Strativity (S)					

WATER QUALITY	Sampling Date				
	Heath		Significance		
	As	mg/l	N-NO2	mg/l	
	N-NO3	mg/l	N-NH3	mg/l	
	Aesthetic Quality		Others		
	PH		T		
	Fe	mg/l	EC		
	Cu	mg/l	Mg	mg/l	
	P	mg/l	K	mg/l	
	Na	mg/l	Ca	mg/l	
Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l		
		B	mg/l		

Well Name	ESMERALDA 37		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700302-K	UTM (km)	N_x	
	DGA	206		E_x	
	CORFO (1975)	20206920 D-36	Elevation	1119.98	
	CORFO (1969)	20006900 C-46	Date of Construction	62/09	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth		62.00	m		
	Total Cased Depth		53.00	m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	34.60	mBGL	1085.38	mMSL
	Pumping Test Data				
	Pumping Rate	l/sec			
	Drawdown	m			
	Specific Capacity	m3/day/m			
	Aquifer Constants				
	Permeability (K)	cm/sec			
	Transmissivity (T)	cm2/sec			
Strativity (S)					

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 38		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700303-8	UTM (km)	N=	
	DGA	207		E=	
	CORFO (1975)	20206920 D-37	Elevation	1119.24	
	CORFO (1969)	20006900 C-47	Date of Construction	62/10	

POSSESSION	Owner	CORFO	
	Constructed for	RIEGO	
	Use for	RESEARCH	
	Extraction Rate	m3/year	
	Remarks		

WELL SPECIFICATION	Drilling Depth		82.00		m	
	Total Cased Depth		60.00		m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		33.50	mBGL	1085.74	mMSL
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
Transmissivity (T)		cm2/sec				
Strativity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 39		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700304-6	UTM (km)	Nz	
	DGA	208		Ex	
	CORFO (1975)	20206920 D-38	Elevation	1122.57	
CORFO (1969)	20006900 C-48	Date of Construction	62/11		

POSSESSION	Owner		CORFO			
	Constructed for		RIEGO			
	Use for		RESEARCH			
	Extraction Rate		m3/year			
	Remarks					
WELL SPECIFICATION	Drilling Depth		52.00 m			
	Total Cased Depth		52.00 m			
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level		37.15 mBGL		1085.42 mMSL	
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
Transmissivity (T)		cm2/sec				
Strativity (S)						
WATER QUALITY	Sampling Date					
	Heath		Significance			
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality		Others			
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 40		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700305-4	UTM (km)	N=	
	DGA	209		E=	
	CORFO (1975)	20206920 D-39	Elevation	1124.97	
CORFO (1969)	20006900 C-49	Date of Construction	62/11		

POSSESSION	Owner		CORFO			
	Constructed for		RIEGO			
	Use for		RESEARCH			
	Extraction Rate		m3/year			
	Remarks					
WELL SPECIFICATION	Drilling Depth		55.00		m	
	Total Cased Depth		54.00		m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level		39.50	mBGL	1085.47	mMSL
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
Transmissivity (T)		cm2/sec				
Stratvity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 41		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700306-2	UTM (km)	N _s	
	DGA	209E		E _s	
	CORFO (1975)	20206920 D-40	Elevation	1122.44	
	CORFO (1969)	20006900 C-50	Date of Construction	62/11	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth		52.00	m		
	Total Cased Depth		52.00	m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level		36.00	mBGL	1086.44	mMSL
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
	Transmissivity (T)		cm2/sec			
Strativity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	ESMERALDA 42		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700307-0	UTM (km)	N=	
	DGA	209F		E=	
	CORFO (1975)	20206920 D-41	Elevation	1120.72	
	CORFO (1969)	20006900 C-51	Date of Construction	62/11	

POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m3/year
	Remarks	

WELL SPECIFICATION	Drilling Depth	50.00	m			
	Total Cased Depth	50.00	m			
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	35.80	mBGL	1084.92	mMSL
	Pumping Test Data				
	Pumping Rate	l/sec			
	Drawdown	m			
	Specific Capacity	m3/day/m			
	Aquifer Constants				
	Permeability (K)	cm/sec			
	Transmissivity (T)	cm2/sec			
Strativity (S)					

WATER QUALITY	Sampling Date				
	Heith		Significance		
	As	mg/l	N-NO2	mg/l	
	N-NO3	mg/l	N-NH3	mg/l	
	Aesthetic Quality		Others		
	PH		T		
	Fe	mg/l	EC		
	Cu	mg/l	Mg	mg/l	
	P	mg/l	K	mg/l	
	Na	mg/l	Ca	mg/l	
Cl	mg/l	HCO3	mg/l		
So4	mg/l	CO3	mg/l		
		B	mg/l		

Well Name	ESMERALDA 17		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700308-9	UTM (km)	N=	
	DGA	209C		E=	
	CORFO (1975)	20206920 D-42	Elevation	1120.16	
	CORFO (1969)	20006930 C-25	Date of Construction	66/07	

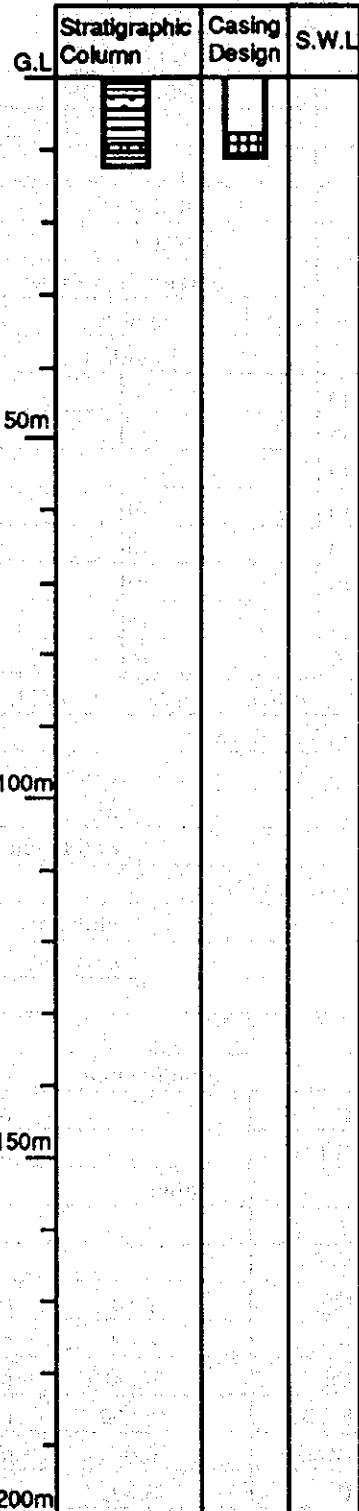
POSSESSION	Owner	CORFO
	Constructed for	RIEGO
	Use for	RESEARCH
	Extraction Rate	m ³ /year
	Remarks	

WELL SPECIFICATION	Drilling Depth	100.00		m		
	Total Cased Depth			m		
	Casing Pipe Data		Screen Pipe Data			
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

PUMPING TEST DATA	Static Water Level	8.30	mBGL	1111.86	mMSL
	Pumping Test Data				
	Pumping Rate	10.00		l/sec	
	Drawdown			m	
	Specific Capacity			m ³ /day/m	
	Aquifer Constants				
	Permeability (K)			cm/sec	
	Transmissivity (T)			cm ² /sec	
Strativity (S)					

WATER QUALITY	Sampling Date			
	Health		Significance	
	As	mg/l	N-NO ₂	mg/l
	N-NO ₃	mg/l	N-NH ₃	mg/l
	Aesthetic Quality		Others	
	PH		T	
	Fe	mg/l	EC	
	Cu	mg/l	Mg	mg/l
	P	mg/l	K	mg/l
	Na	mg/l	Ca	mg/l
Cl	mg/l	HCO ₃	mg/l	
So ₄	mg/l	CO ₃	mg/l	
		B	mg/l	

Well Name	BOSQUE JUNOY 16		Coordinate	Lat.	
Map Name	PICA			Long	
Code No.	BNA	01700309-7	UTM (km)	N=	
	DGA	110		E=	
	CORFO (1975)	20206930 A-1	Elevation		
	CORFO (1969)	20006930 D-108	Date of Construction	66/07	

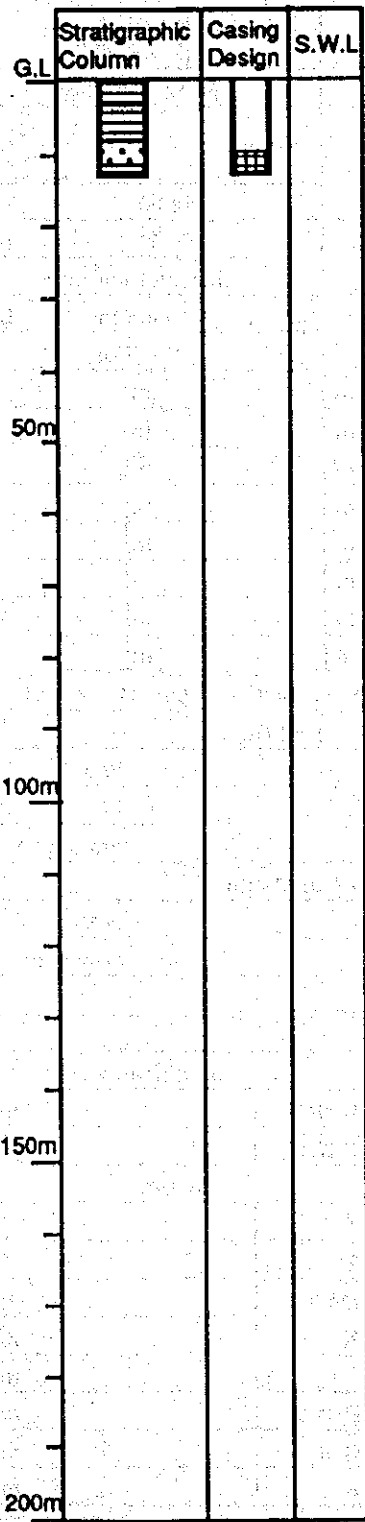


POSSESSION	Owner	CORFO				
	Constructed for	CORFO-551				
	Use for	RESEARCH				
	Extraction Rate	m3/year				
REMARKS						
WELL SPECIFICATION	Drilling Depth	12.00		m		
	Total Cased Depth	11.00		m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		0.00	m	7.90	m	
			m		m	
			m		m	
			m		m	
			m		m	
			m		m	
			m		m	
PUMPING TEST DATA	Static Water Level	8.29		mBGL		
				mMSL		
	Pumping Test Data					
	Pumping Rate	l/sec				
	Drawdown	m				
	Specific Capacity	m3/day/m				
	Aquifer Constants					
Permeability (K)	cm/sec					
Transmissivity (T)	cm2/sec					
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	LA TIRANA 8A		Coordinate	Lat.	
Map Name	P. ALMONTE			Long	
Code No.	BNA	01700310-0	UTM (km)	N=	7749875
	DGA	77A		E=	431,350
	CORFO (1975)	20206930 A-2	Elevation	1008.00	
	CORFO (1969)	20006930 D-11	Date of Construction		

POSSESSION	Owner	D.O.S.-347				
	Constructed for	D.O.S.-347				
	Use for	RESEARCH				
	Extraction Rate	m3/year				
	Remarks					
WELL SPECIFICATION	Drilling Depth	61.00				m
	Total Cased Depth	57.00				m
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
PUMPING TEST DATA	Static Water Level	8.30	mBGL	999.70	mMSL	
	Pumping Test Data					
	Pumping Rate	21.00		l/sec		
	Drawdown	m				
	Specific Capacity	m3/day/m				
	Aquifer Constants					
	Permeability (K)	cm/sec				
Transmissivity (T)	cm2/sec					
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	0.007	mg/l	N-NO2	mg/l	
	N-NO3	mg/l		N-NH3	mg/l	
	Aesthetic Quality			Others		
	PH	7.25		T		
	Fe	8.30	mg/l	EC		
	Cu	0.18	mg/l	Mg	2.43	mg/l
	P	mg/l		K	4.69	mg/l
	Na	93.00	mg/l	Ca	36.00	mg/l
	Cl	71.00	mg/l	HCO3	122.00	mg/l
So4	96.00	mg/l	CO3	0.00	mg/l	
			B	3.30	mg/l	

Well Name	SALAR PINTADOS		Coordinate	Lat.	202212	
Map Name	P. ALMONTE			Long	693923	
Code No.	BNA	01700312-7	UTM (km)	N=	7747.437	
	DGA	100		E=	431.502	
	CORFO (1975)		20206930 A-4	Elevation		1000.78
	CORFO (1969)		20006930 D-83	Date of Construction		65/07



POSSESSION	Owner	CORFO E-3				
	Constructed for	CORFO-551				
	Use for	RESEARCH-SU				
	Extraction Rate	m3/year				
	Remarks					
WELL SPECIFICATION	Drilling Depth	13.00		m		
	Total Cased Depth	12.00		m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		0.00	m	10.00	m	
			m		m	
			m		m	
			m		m	
			m		m	
			m		m	
			m		m	
PUMPING TEST DATA	Static Water Level	8.90	mBGL	991.88	mMSL	
	Pumping Test Data					
	Pumping Rate	l/sec				
	Drawdown	m				
	Specific Capacity	m3/day/m				
	Aquifer Constants					
Permeability (K)	cm/sec					
Transmissivity (T)	cm2/sec					
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health		Significance			
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality		Others			
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	LA TIRANA 104A		Coordinate	Lat.	
Map Name	P. ALMONTE			Long	
Code No.	BNA	01700311-9	UTM (km)	N _e	7749875
	DGA	77B		E _e	431,350
	CORFO (1975)	20206930 A-3	Elevation	1007.24	
	CORFO (1969)	20006930 D-12	Date of Construction	58/11	

POSSESSION	Owner	D.O.S.-439	
	Constructed for	D.O.S.-439	
	Use for	RESEARCH-SU	
	Extraction Rate	m3/year	
	Remarks		

WELL SPECIFICATION	Drilling Depth		42.00		m	
	Total Cased Depth		41.00		m	
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m
		m	m		m	m

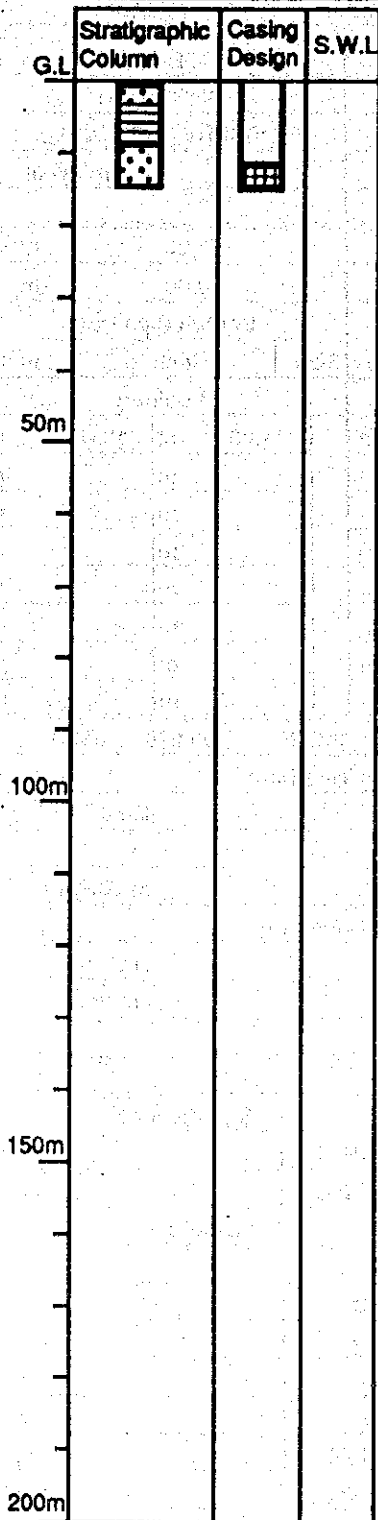
PUMPING TEST DATA	Static Water Level		8.90	mBGL	998.34	mMSL
	Pumping Test Data					
	Pumping Rate		l/sec			
	Drawdown		m			
	Specific Capacity		m3/day/m			
	Aquifer Constants					
	Permeability (K)		cm/sec			
	Transmissivity (T)		cm2/sec			
Strativity (S)						

WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH		T			
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
Cl	mg/l	HCO3	mg/l			
So4	mg/l	CO3	mg/l			
		B	mg/l			

Well Name	SALAR PINTADOS		Coordinate	Lat.	
Map Name	P. ALMONTE			Long	
Code No.	BNA	01700313-5	UTM (km)	N=	
	DGA	101		E=	
	CORFO (1975)	20206930 A-5	Elevation	1001.56	
	CORFO (1969)	20006930 D-84	Date of Construction	65/07	

G.L.	Stratigraphic Column	Casing Design	S.W.L.	50m	100m	150m	200m	POSESSION					
								Owner	CORFO-F3				
								Constructed for	CORFO-551				
								Use for	OBSERVATION WELL				
								Extraction Rate	m3/year				
								Remarks					
								WELL SPECIFICATION					
								Drilling Depth	12.00 m				
								Total Cased Depth	10.00 m				
								Casing Pipe Data		Screen Pipe Data			
								Size	Inch to	Inch	Size	Inch to	Inch
								Position			Position		
									0.00 m	11.00 m		11.00 m	12.00 m
								PUMPING TEST DATA					
								Static Water Level	8.30 mBGL	993.26 mMSL			
								Pumping Test Data					
Pumping Rate	l/sec												
Drawdown	m												
Specific Capacity	m3/day/m												
Aquifer Constants													
Permeability (K)	cm/sec												
Transmissivity (T)	cm2/sec												
Strativity (S)													
WATER QUALITY													
Sampling Date													
Health		Significance											
As	mg/l	N-NO2 mg/l											
N-NO3	mg/l	N-NH3 mg/l											
Aesthetic Quality		Others											
PH		T											
Fe	mg/l	EC											
Cu	mg/l	Mg mg/l											
P	mg/l	K mg/l											
Na	mg/l	Ca mg/l											
Cl	mg/l	HCO3 mg/l											
So4	mg/l	CO3 mg/l											
		B mg/l											

Well Name	SALAR PINTADOS		Coordinate	Lat.	
Map Name	P. ALMONTE			Long	
Code No.	BNA	01700314-3	UTM (km)	N _s	
	DGA	102		E _s	
	CORFO (1975)	20206930 A-6	Elevation	1002.49	
	CORFO (1969)	20006930 D-85	Date of Construction	65/07	



POSSESSION	Owner	CORFO-G3				
	Constructed for	CORFO-551				
	Use for	OBSERVATION WELL				
	Extraction Rate	m3/year				
Remarks						
WELL SPECIFICATION	Drilling Depth	15.00		m		
	Total Cased Depth	10.00		m		
	Casing Pipe Data			Screen Pipe Data		
	Size	Inch to	Inch	Size	Inch to	Inch
	Position			Position		
		0.00	m	11.00	m	
			m		m	
			m		m	
			m		m	
			m		m	
			m		m	
			m		m	
PUMPING TEST DATA	Static Water Level	mBGL		mMSL		
	Pumping Test Data					
	Pumping Rate					l/sec
	Drawdown					m
	Specific Capacity					m3/day/m
	Aquifer Constants					
	Permeability (K)					cm/sec
	Transmissivity (T)					cm2/sec
Strativity (S)						
WATER QUALITY	Sampling Date					
	Health			Significance		
	As	mg/l	N-NO2	mg/l		
	N-NO3	mg/l	N-NH3	mg/l		
	Aesthetic Quality			Others		
	PH			T		
	Fe	mg/l	EC			
	Cu	mg/l	Mg	mg/l		
	P	mg/l	K	mg/l		
	Na	mg/l	Ca	mg/l		
	Cl	mg/l	HCO3	mg/l		
	So4	mg/l	CO3	mg/l		
		B	mg/l			