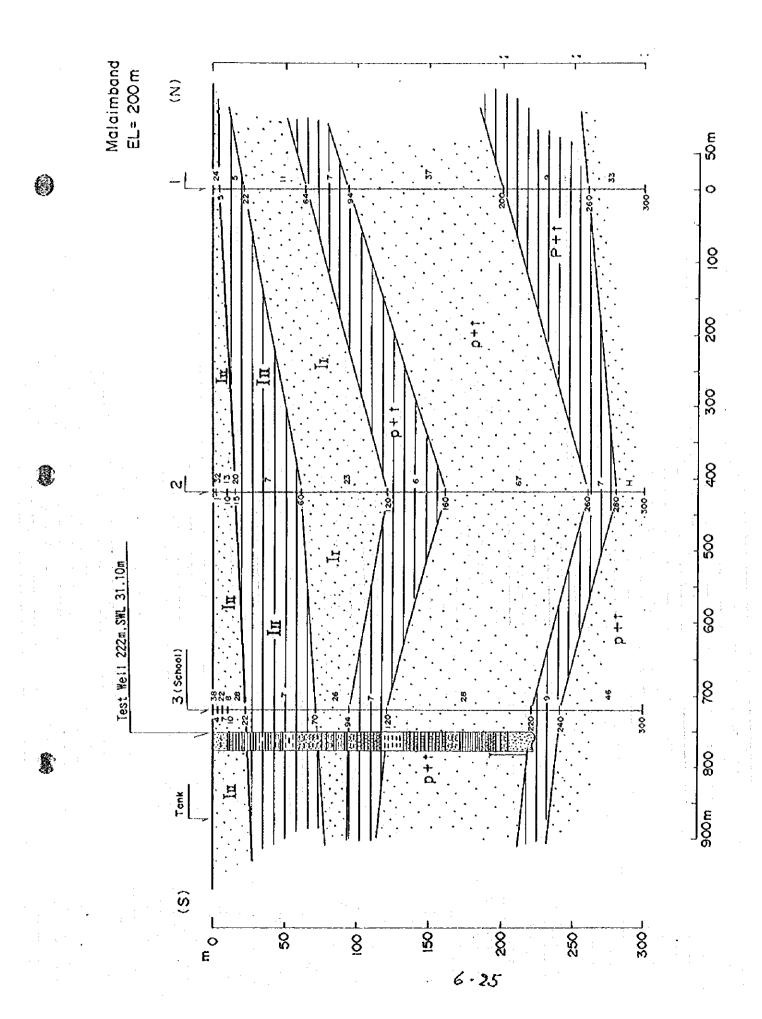
WELL LUG

PROJECT NAME : C	ROUNDWATER DEVELOPMENT STU	DY IN SOUTH-NESTERN K	EGION OF THE REPUBLIC	OF MAD	AGASCAR (PHASE	H)
Area and Location:	Malaimbandy (2)		(Elevation:	6.)	Yell No.	
Vell Depth:	a 64.5	Pumping Rate:	of/D	2/s	Yater Temp.	ť
Static Fater Level:	P	Drillig Rig:			EC(25t):	us/co
Dynamic Water Level	h	Drilling Started:			Pili	<del></del>
Specific Capacity:	m²/day/s	Well Completed:			Taste	

				oacily:		mf/day/m   Well Completed:	Tas(e:	
Drill Casiin Bit Cas ize Scr	g and	n d	Depti	Valer		Litholog, Data 00mm	(olum-m)	(cps)
s Sc		ize	(a)	Water Level	los .	Description of Lithology  GIEV course syndicus  Alley shirlors cillions with course used over a	<u> </u>	(cps)
				]				
		ľ	210	1		Sper coarse sondstone Sper Crean schiptus sittstons with coorse s.s. wien		
				1	3000 M			
			,			orray course sandstone		
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## WELL LOG

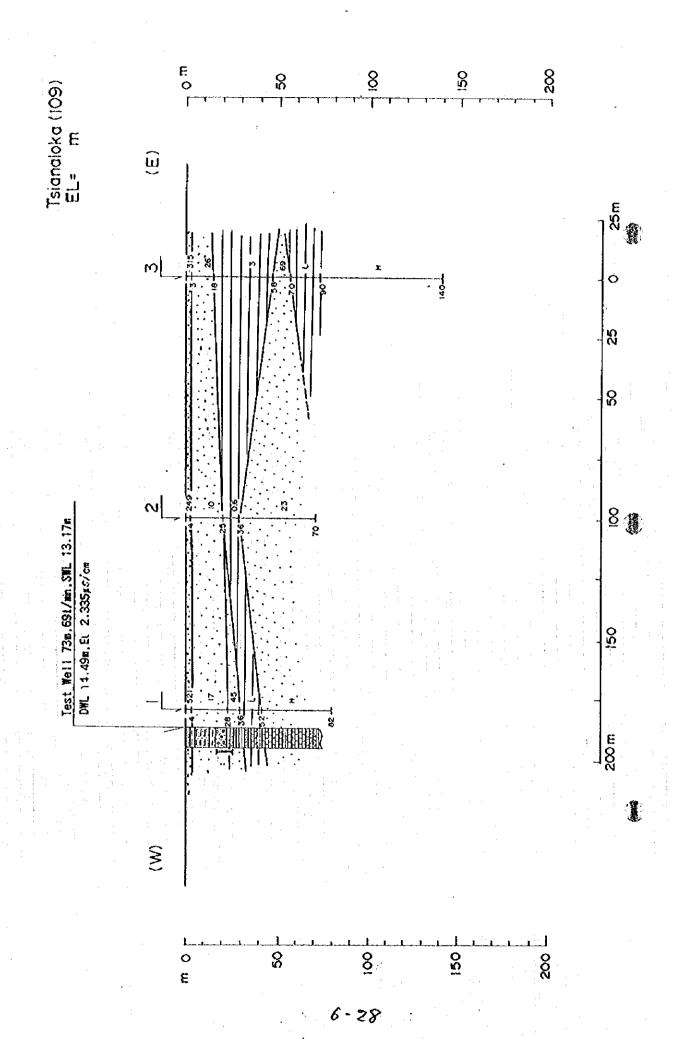
PROJECT NAME : GROUN	DWATER DEVELOPMENT STU	DY IN SOUTH-WESTERN S	REGION OF THE REPUBLI	C OF MAD	AGASCAR (8	PHASE 11)	
Area and Location:	Tsianaloka (1)		(Elevation:	a)	Yell No.	101-	I
Well Depth:	21.67	Pumoing Rate:	m/D	l/s	Vater Ter	ър. <i>30</i> .	O
Static Water Level:	17.18	Drillig Rig:	TOP-200		EC (25°C):	5230	us/cm
Dynamic Water Level:	0	Orlling Started:	12- Sept95		PH :	2.0	
Specific Capacity:	d/day/	m Well Completed:	19 - Sept85		Taste :	salty	

	Drillig	and		···	T				Γ							
	siig Pro Casi	ogra	n	Depti		Kater	· ·	Lithology Data	- 80	icav • • •	(oh	m-m)			(cps)	
6120	Scre	en S	ize	(a)	Н	Leves .	Log	Description of Lithology	ļ	0				<u> </u>	<del></del>	
	1 1		4		١.	#5/cm	$\cdot \cdot \cdot \cdot$	lightbrown coarse sand with gaselesz-32,								
			FR				3.2.4	Redlish brown silly fine sand								
				1	1	10+1	*	Redlish brown Silty fine - medium sand								
						:		with gravel (\$2~3 m/m)								
				19		980										:
					-			light brown silly, and with fine sand								
		$  \  $		15		670		Reddish brown Silty fine sand								
								whitish yell brown medium ~ very								
					Н		: • : • :	coarse sand and quarteit grovel								
	1 .			20	H	110		(\$ 2~3 m/m)								
	1				Н	•										
					H			Whilish brown - Sandymud-mud								3
				25				Light brown gravelly sand—cobble (60%, chert bescht)								
	1			4	П			light gray. silty mud.								
			. ! '	30	Ц											
		11			Н	1323										
		П			Ħ	- <del></del>		Light gray silty sand with gravel								
	!	П	1	3 <u>5</u>		1104		Dark blue gray silky mud								
		Ш						bark greenish gray marky limestone								
		П			H		抽土									
	1.			40	Н			Dark grey mud								
	l		en.		П	1230			]   [					li		
	:		193 1337		Н		117	light gray. Parous limestone						li		
				45	Н	*										
	1		Screen	i.	П	. ;	11									
	2				Ц	175										
		昌	17) 5 f. 37	5 <u>0</u>	Н	961	註註	Dark gray many timestone								
					FÎ	:	十五字									
			art.	55	Ħ	•		Dark greenish gray. Silly day or mud								***
			ระห์ว รู้ หั		H	9/7		Whitish gray Porous Rimestone								
			, ž		A			brown. Parous limes101e								
		F	11.57	69	Ħ	863		Dirk 1841, Pourou Rimestone	1							
пания в предоставления		Į			Н	9,2		Gray marky limestone with mad								
		Ц	13.27		H	. —	挂臣	·		·						
			Screen	65	H	923	芸									
	;	<b>HURTHINE</b>	19.0		Ц		<b>刘带</b>	Dark gray mud with sand and	111							
			*/.*/		Н	٠.		gravel								
				70	Ц	923										
		Ц	11.49		Н	227										
			•		П			Brown mad								
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## WELL LOG

PROTECT NAME : GROUN	DRIATED DEVELOPMENT OTHE	V IN COURTS WESTERN	REGION OF THE REPUBLIC	OE 1/10	ICICOD (D	1100 111
		1 10 2001N-4521EKU				med u/
	Tsjanaloka (11)		(Elevation:		Well No.	707 - R
Well Depth:	70.P\ a	Pumoing Rate:	99.75 m/D 1.154	E/S	Water Terr	
Static Water Level:	/3./75	Drillig Rig:	TOP. 200			2335 IR/OI
Dynamic Vater Level:		Drlling Started:			PH:	6.5
Specific Capacity:	25.85 €/day/¤	Well Completed:	22 - Sept 95		Taste:	

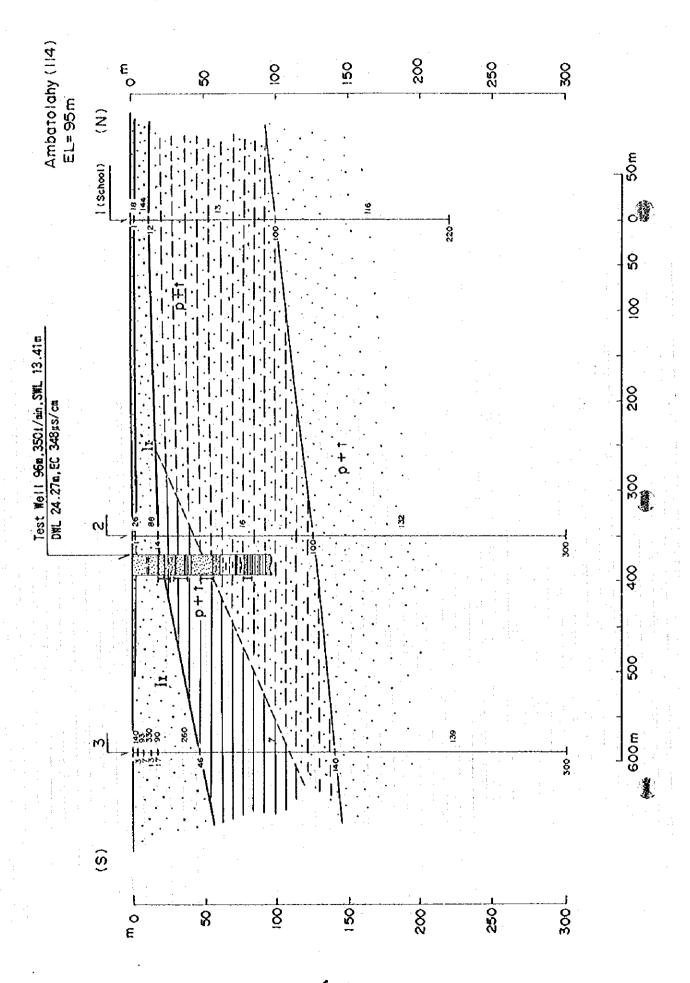
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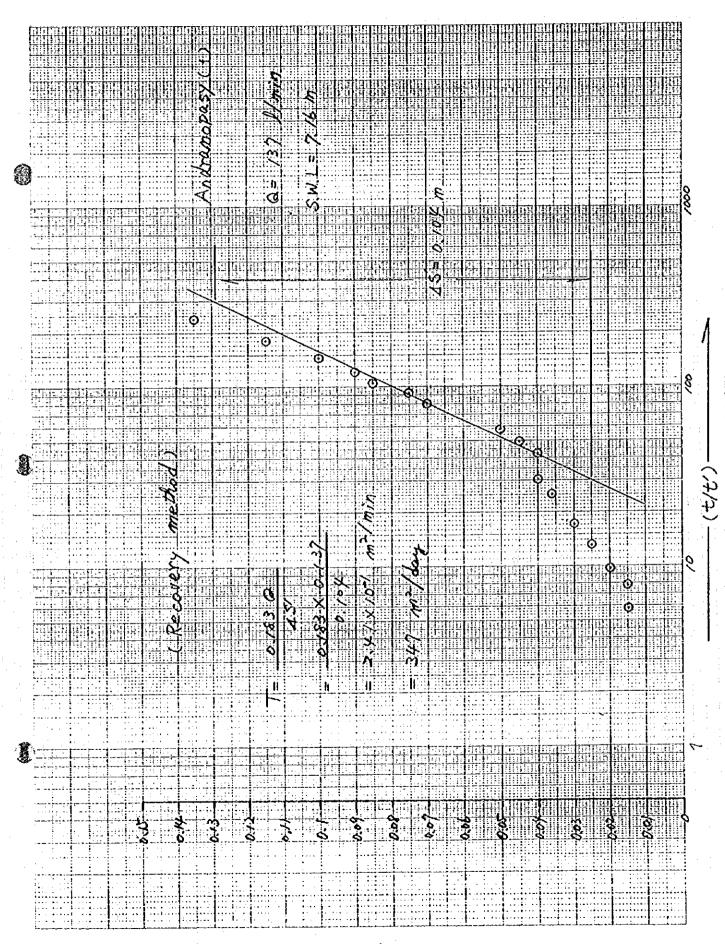


## WELL LOG

PROJECT NAME   GROUNDT	TER DEVELOPMENT STU	DY IN SOUTH-TESTER	N REGION OF THE REP	UBLIC OF MAD	AGASCAR (PHAS	E D)
Area and Location: Ami	Satolahy		(Elevation:	a)	Tell No.	
Well Depth:	98.00	Pumoing Rate:	504 H/D	5.84 8/s	Tater Temp.	275 C
Static Water Level:	13.41	Drillig Rig:	70NE TOP-200		EC(1St):	3/23 ps/ca
Dynamic Water Level	624.27 B	Drilling Started:	15-11-1995		PH:	682
Specific Capacity:	46.5 m/day/a	Tell Completed:	W-11-1895		Taste:	avod

[	Or Casi	illig an ig Prest	di ani	Depth		<u> </u>	Lithology Data	Ţ	00tav	 ·.		(o/m-n)		<del></del>	(eps)	
	Bit Size	is Prorr Casis a Screen	nd Size		Water Level	_los_	Description of Lithology	Ŀ			<u> </u>			_0		<del></del>
		+ 6	-	10			Redlish brown - brown course sandstone									
ŀ	78.5%	ነ	۲,	\ \*\	5.80.4	545.74	Acceptable and care cartifice	ŀ								
							Brownish gray coarse sandstone				1					
ŀ				20	1		Brown gravelly coarse soudstone	]							1	
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					1 : .		Brownish gray gravelly course sendstone	J								
				40	1	5.21.XS	Purplish green mudiker 22.00 m.	}								
1				<b>'</b>	1 .		Purplish brown (chocolate) masstone	].								
					1	NY. 12	\$1500 M. Stay course sendstone gg. wan fine und	1								
				50	1 .		Brown coarse sandstone	1								
					1	1										
					1		Brown fine sandstone with sittatione	1								
				60	_	\$ 2 <u>7.7.2</u>	21.00 W Just shed since mile sufficient	1								
				F	-		Green sandy sittations with pale blue inudations									
				70	}		mudslove					1 1 1				
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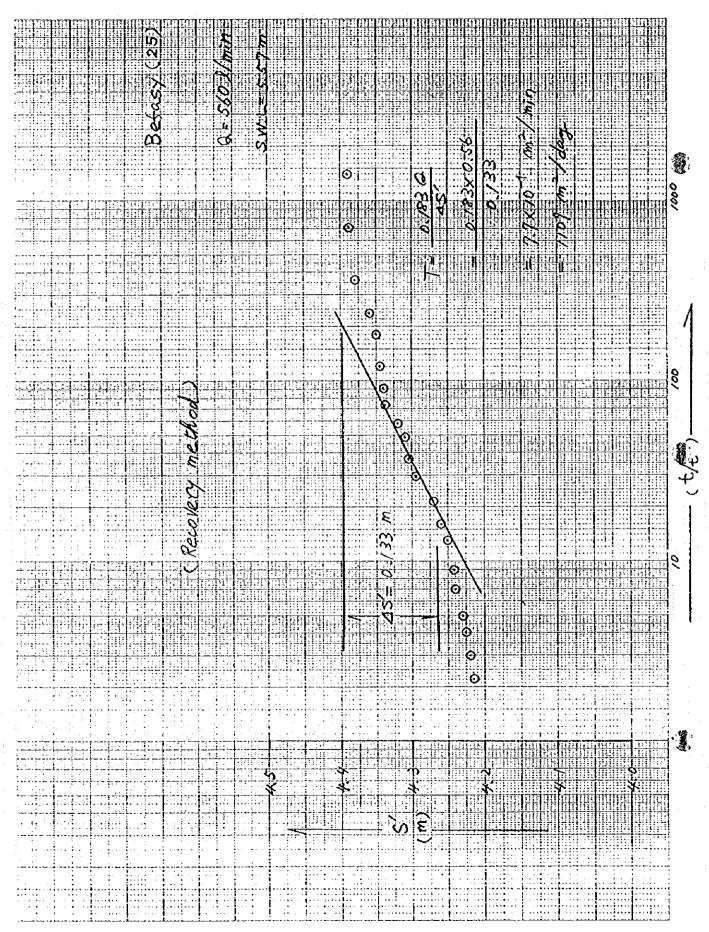


Name of Cl	ient	ANDRAN	CPASA				S	ito No.	<u> </u>	
Depth: 30	m	Dia: 100	ma	Screen	Interval:	11,2	$m\sim 2$	7 m,	#~	n
						·	n~	<u></u>	m~	Į.
Static Wate	er Leve								etting:	, II
Pumping Ra	le:		(1/min)	Pump Ty	pe: Air li,	$\mu$	Ins	pector:	·	

	· (t)		Water		Pumpig			
Time	Elapsed	.1/t	Level	Drawdown	Rate	EC	PH	
	Time(min)	:	(m)	(m)	(I/min)	(#S/cm)	. !	Notes
10. ESt.	art) 0							GL:1m
	2	0,50						:
	4	0.25						
	6	0.1666						
	8	0.1250						
	10	0.1000			83	2000		28°
	15	0.0666	· · · · · · · · · · · · · · · · · · ·		<u>1</u>		·	
	20	0.0500			85	2500		25.7
	25	0.0400						
10:30	30	0.0333				2020		293
	40	0.0250				2020	300	29.2
	50	0.0200			81.1	2017		9.7
11:00	60	0.0166			84.94	2000		29.3
	70	0.0142			83.62	1980		2.8.0
	80	0.0125						
11:30	90	0.01111				1980		27.5
12:10	120	0.00833			·	2010		28. j
12:30	150	0.00666	:			2020		i,
421	180	0.00555				2030		,.
	210	0.00476	· · · · · · · · · · · · · · · · · · ·	•				
14:00	240	0.00416				2040	: :	29
15:00		0.00333			137	2020		28.5
16:00		0.00277			i'		2 -	29.7
17:00	420	0.00238			1)	.,,	7. υ	28.1
18:10	480	0.00208			11	2020	20	27.4
19:00	540	0,00185			<b>N</b>	2070	<del>-</del>	28.3
	600	0.00188			11	1992		25.2
	660	0,00151				7, 7,		
	720	0.00138			<del></del>			
	780	0.00128						
	840	0.00119				-		
	900	0.00111						
	960	0.00104					<del></del>	
	1020	0.00098						
	1080	0.00092					<u> </u>	
: .	1140	0.00083			<del></del>		<del></del> -	1
6:00	1200	0.00083	1		137	2342	<del> </del>	28.5
7:00	1260	0.00079			",	2130	ッ	28.8
03:8	1320	0.00075	1		tr .	1950		28.8
9:00	1380	0.00072	<u> </u>		,	1910	6,5	
2:18	1440 (24h)				4	2175	7	28.9

Name of Client ANDRANOPASY		Sito No.
Depth: 20 m Dia: 100 mm	Screen Interval: 11.2 m~	27 m, m~ 1
	m ~	
Static Water Level:GL-8.16 m Dynam	mic water Level:GL-12.48J	m Pump Setting: 1
Pumping Rate: (1/min)	Pump Type: Air lift.	Inspector:

	Time (t')	Time (t)	Ratio	(s)	(s^)	
Time	Since Recovery	Since Pumping		Water Level	Residual	Notes
	Started (min)	Started(min)	t/t	(m)	Draedown(m)	
v:n	0		:	13.485		
	1		1441	9.52	1.36	
	2		121	1.675	0.515	
	4		361	8.35	0.19	
	6		25.	8,295	0.35	
	8		181	8.275	0.115	
	10		.19	8.160	0.10	
	12		121	8.250	0.09	
	14		123	8.245	0.555	
	16		7!	8.235	0.075	
	18		71	8,250	0.07	
	20		73	"	"	
	25		55.4	8 210	0.05	
	30	<u></u>	49	8.205	0.005	
10:30	35		45	8.200	0.04	
	40		27	п	1.	
	50		30.	"	n	
Hirm	60		25	8,175	0.036	
13.511	70		2.2	LF	"	
	80		19	11	,,	
11:20	90		17	8.190	0.53	
11:30	100		<del>                                     </del>	8.185	0.025	
	120(2h)		13	8.180	50.0	
12:00	150		10.6	8.180		
	180(3h)		9	8.175	0.015	
	210		7.8	"	,,	
	240(4h)		7		,,	<del></del>
	300(5h)		5.8	<del></del>		
			5	14	સ	
	360(6h)		Ų.Ų	11		
ļ	420(7h)		4.4			
ļ	480(8h)		3.7			
	540(9h)			`	11	
	600(10h)	_+	3.4			
	720(12h)		2.7			
<u> </u>	840(14h)		2.5	<del> </del>	<del></del>	
<del> </del>	960(16h)		2.2		0	
6:00				8.160	- <del> </del>	
	1440(24h)		2_			
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ļ				<del></del>		



Name of Client	BEFASY		<u> </u>	ito No.	25	
Depth: 63	m Dia: /00	nn Screen Interv	al: 22,7 n~62	,2 m,	m~	m
	(5,57)	· · · · · · · · · · · · · · · · · · ·	m~	<u>m,</u>	m~	m
Static Water Lev	vel:GL-322 m	Dynamic water Leve	1:GL- m	Pump Se	tting:	m
Pumping Rate:	(1/m	in) Pump Type: Air	lift Ins	pector:		

	(t)		Water		Pumpig			
Time	Elapsed	1/t	Level	Drawdown	Rate	EC	PH	TC
	Time(min)		(m)	(m)	(I/min)	(/s/cm)		Notes
3: )(St	art) 0		5,80	2.58	456	386	7	28,5
	2	0.50			1:, -			
	4	0.25		:				
<del></del>	6	0.1666				, <del></del>		
	8	0,1250						
	10	0.1000						
•	15	0.0666						
· - · -	20	0.0500						
	25	0.0400						
8:32	30	0.0333	5,76	2,54	4,51	333	7	27.8
<u> </u>	40	0.0250	7. 4					
• • • • • •	50	0.0200		:				
9:00	60	0.0166	5,77	2.55	388.1	348	7	27,9
	70	0.0142	/ L L			3-30		
	80	0.0125	·	. :			·	,
9:39	90	0.01111	5,78	2,56	536,7	372	7	28.0
10:05		0.00833	5.80	2.58	517.5	386	1	28.4
10:30		0.00666	5,19	2.57	S68.23		1	28,3
11:02	180	0.00555	5.18	2,56	616.6	385	1	28.1
	210	0.00476		2.50	. 010.5	202		
12:00	240	0.00416	5.80	2,58	568,23	381	7	28,2
13:22	300	0.00333	5.80	2.58	419,0	373	7	28.3
14:00	360	0.00277	5,805	2.565	517.5	310	•	28.5
15:20	420	0.00238	5,80	2,58	504	372	7	23.5
16:00		0.00208	5.81	2,59	499.65	363	7	28.0
17:00	540	0.00185	5,82	2,6	391.18	362	1	28.1
18:23		0.00166	5.81	2,59	410.57			27,7
	660	0.00151			712.21			
20:15	720	0.00138						
	780	0.00128	<del></del>				<del></del>	
22:00		0.00119						
	900	0.00111	:	<del></del>			<del></del>	
	960	0.00104	:				<del></del>	
1:02	1020	0.00098			<u></u> -	:		
	1080	0.00092						
	1140	0.00083						<del></del>
4:00	1200	0.00083	·					· · · · · · · · · · · · · · · · · · ·
	1260	0.00079				<u>-</u>	<u></u>	
	1320	0,00075						<u> </u>
	1380	0.00072	<del></del>					<del></del>
8:02	1440(24h)	0.00069	5.83	2.61	415,08	365	7	21,5

Name of Client	BEFASY				Sito No.	25	
Depth: 63 m	Dia: n	g Screen	Interval:	22.7 m~62	2.2 m,	m~	m
	( TN: 1.10m)			m~	<u>m,</u>	m~	a
Static Water Leve	1:GL-3.22 m Dyn (3,3/)(1/min)	namic wate	er Level:GL	- <u>m</u>	Pump S	etting:	m
Pumping Rate:	(3,3/)(1/min)	Pump Typ	pe: Arı lift	t. In:	spector:		

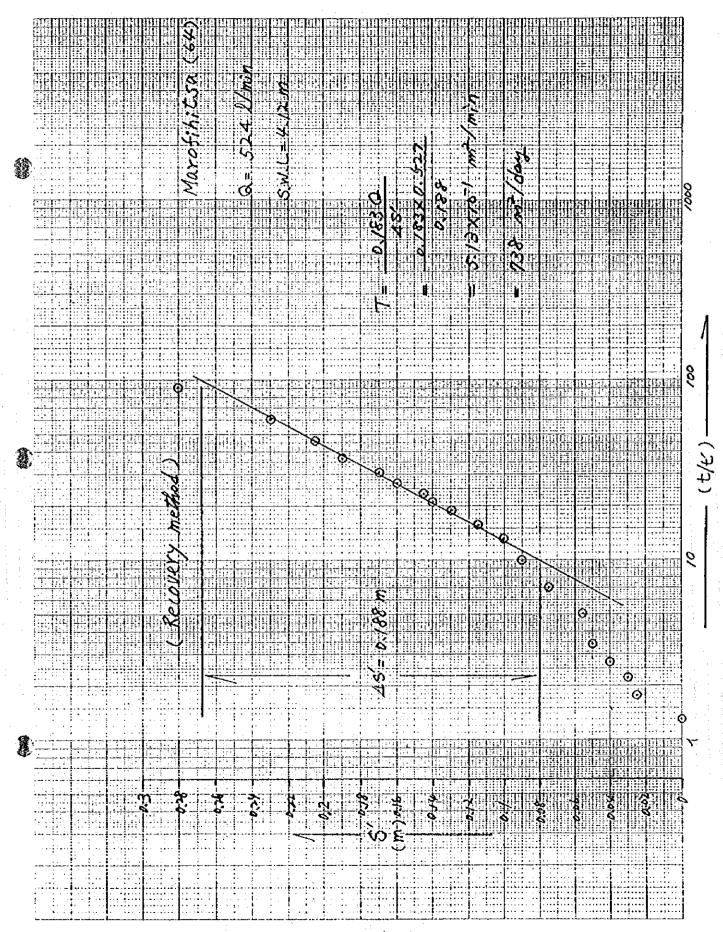
	m1 ( 15)	1 2: ( )	<b>.</b>	7.		
_,	Time (t')	Time (t)	Ratio	(s)	(s´)	
Time	Since Recovery	Since Pumping	. ,,,	Water Level	Residual	Notes
l	Started (min)	Started(min)	t/t	(m)	Draedown(m)	·
8:00	0	1440	1.7	5,83	2.61	<u></u>
	1	144;	1441	5,63	2.41	
	2	1442	721	5,61	2.39	,
	4	1444	361	5,59	2.37	
	6	1446	241	5,59	0	
	8	1443	13i	5,5 <i>8</i> 5	2,365	10.25
	10	1450	145	5,585	11	ب
	12	1452	121	5,585	11	<u> </u>
	14	1454	103,85	5,583	2.363	10,2
	16	14 56	9/	5,583	11	10,1
	18	1458	8/	5,583	11	.,
	20	1460	73	5.583		4.31
	25	1465	58.6	5.582	2.362	9.115
8:30	30	1970	49	5.582	31	9.94
	35	1475	42.14	5 582	11	11
	40	1480	37	(1	11	9.315
	50	:29:	29.8			9.11
9:00	60	1500	25	5.580	2.36	£r.
	70	1510	2157	: '11		9.90
	80	1820	19	म		14
1	90	1530	17	, e n		9.28
	100	1540	154	jı jı		r*
10:00	120(2h)	560	13	ħ.		9.815
	150	1590	10.6	h		9.865
11:00	180(3h)	1620	9	h		9.853
	210					
12:00	240(4h)			5.57	2.35	9.82
<del></del>	300(5h)		- <del></del>			
* *.	360(6h)		<u> </u>			
	420(7h)					
	480(8h)		<del> </del>			
<del> :</del>	540(9h)	<b>1</b>	<u> </u>	<del> </del>		
	600(10h)	,	<b>†</b> -			
<del></del>	720(12h)	<del>                                     </del>	<del> </del>	1		<del></del>
	840(14h)		1			
	960(16h)	<del> </del>	<del> </del>		<del> </del>	
	1200(20h)	<del> </del>	<del> </del>			
	1440(24h)	<del>                                     </del>	<del> </del>			
	1140/0411/		<del> </del>	<del> </del>	<u> </u>	
<u> </u>	<u> </u>	<del> </del>	<del> </del>	<del> </del>		
	ļ	1	<del> </del>	<del>                                     </del>	ļ	

Name of Clien	t BEFASY	(2)		<u>S</u>	ito No.	25	
Depth 63	m Dia:	nn Screen II	nterval: 22,5	m~62	,2 m,	m~	]
	•			m~	<u>m,                                     </u>	<u> </u>	p
Static Water	Level:GL-5,57 m	Dynamic water	Level:GL- 9.	98 n	Pump Se	tting:	
Pumping Rate:	ari	min) Pump Type	: Air lift.	Ins	pector:		

	(t) Elapsed Time(min) art) 0 2	1/t	Water Level (m)	Drawdown	Pumpig Rate	EC	PH ·	T°C
	Time(min) art) 0 2		1		1,000			
	rt) 0 2		1	(m)	(I/min)	(#S/cm)	İ	Notes
IZ (Sta	2			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
		0.50						
	41	0.30				****		,
li	6	0. 1666						
[	8	0.1000						
<b></b>								
17.00	10	0.1000			1.00			
1300	15	0.0666			483			
	20	0.0500						
	25	0.0400		2 ( 0 0	(70/	365		27,5
1345	30	0.0333	4.573	0,595	579,6	رور		٠ ١, ١
L	40	0.0250				<u> </u>		
	50	0.0200				366		28,3
14.45	60	0,0166	4,783	0.781	504	368		20,5
	70	0.0142				ļ	<u> </u>	· · · · · · · · · · · · · · · · · · ·
	80	0.0125						
	90	0.01111			<u> </u>	2 (1		21.9
1545	120	0.00833	4, 736	0,834	546,79	367		41.
	150	0.00666				7.65	2 2 - 1	21 (
	180	0.00555	4,72	0.85	591,42	369		21.6
	210	0.00476				7.00		3-1 6
1745	240	0.00416	4,68	0.39	585,45	360	1 1	27,8
	300	0,00333		<u> </u>			4	00.0
1845	360	0.00277	4,68	089	597.52	361	1	27,7
1945	420	0.00238	4,673	0.392	579,6	333	ļ	27,6
2045	480	0.00208	4,678	2.892	568,23	331		27,6
2145	540	0.00185	4,678	0.392	536.66	333	7	27.6
2245	600	0.00166				<u> </u>		
7345	660	0,00151						
043	720	0.00138						
145	780	0.00128						
245	840	0.00119				1		
345	900	0,00111					<u> </u>	
445	960	0.00104						
545	1020	0.00098			568,23	360	7	27,7
645	1080	0.00092			546,79	344		27.5
743	1140	0.00083			479.0	365	7	21,5
345		0.00083			504,0	36i		27.9
945	1260	0.00079			552.J	363		28.0
1045	1320	0.00075	1		526.9	351	1 7	28,0
1145		0.00072			504.0	360		23.i
1245				9.98	585.45			23.4

Name of Client	BEFASY	127				Sito N	o. 25	
Depth:	m Dia:	<u>ព</u> ស្	Screen	Interval:	22.7 m~	62.2 m.	m~	m
			<del> </del>		m~	<u>m,</u>		£
Static Water L	evel:GL-5,57	m Dyna	mic wate	er Level Gl	- 9.18.	п Ривр	Setting:	m
Pumping Rate:	(1	/min)	Pumo Tyr	e: Air lif	$t$ . $_{ m I}$	Inspector		

	Time ( t')	Time (t)	Ratio	(s)	(s´)	
Time	Since Recovery	Since Pumping		Water Level	Residual	Notes
.	Started (min)	Started(min)	t/t	(m)	Draedown(m)	
12:45	0			9,98	4,41	
	1		1441	9,97	4.40	:
	2		721	9,965	4,395	
	4		361	9,955	4,385	
	6		241	9,93	4,36	
	8		181	9,92	4,35	
	10		145	9,92	11	
	12		121	9,715	4,435	
	14		104	9,913	4,343	
	16		91	9,91	4,34	····
	18		81	9,908	4,338	
	20		13	9,903	4 338	
	25		58,6	9,89	4,32	
	30		49	9,88	4,51	:
	35		42,1	9.88	"	<del></del>
	40		37	9,875	4,305	<del> </del>
	50		29,8		4,295	
13:45	60		25	9,85	4,28	
, , , ,	70		21,6	9,84	4,27	<del> </del>
	80		19	9,835		
<del>: : : -</del>	90		17	9,834	4,265	
<del>-                                    </del>	100		15,4	9,833	4,264 4,265	<del></del>
14:45			13	9,82		
	150			9,815	4,25	
15:45	180(3h)		10.6	9,813	4,245	<del></del>
12 7710	210		7,8		4,243	<del></del>
16:45	240(4h)	•	7.8	9,811	4,241	
				9,810	4,24	
17:45 18:45			5,8	9,31	11 / 02	
19:45	420 (7h)		5	9,80	4,23	<del></del>
20:40	· · · · · · · · · · · · · · · · · · ·		4.4	9,795	4,225	<del></del>
			4	9,795		<del></del>
21:45			3,67	9,195	111 :	
0.45	600(10h) 720(12h)		34	9,79	4,22	<del> </del>
0:45	840(14h)	:	3 2,7	9,79	4,22	· · · · · · · · · · · · · · · · · · ·
2:45	960(16h)		2, +	9,19		
4:45	1200(20h)		2,5 2,2	9,79	//	
8:10			2,2	9,785	4,215	<del></del>
12:45	144U(Z4h)		2,)	9,185	"	· · · · · · · · · · · · · · · · · · ·
	<del></del>	<u> </u>	<u> </u>		ļ <del></del>	<u> </u>
			ļ		<b> </b>	



Name of Client	MAROFIL	MITSA (1)		Si	to No.	46_	
Depth: 73,5 m			terval: 21./5	m~13.	5 m,	m~	<u> </u>
				m~		m~	· II
Static Water Leve	1:GL-4,5 m	Dynamic water	Level:GL-	18	Pump Se	tting:	ft
Pumping Rate:	( <b>1</b> /n	nin) <u>Pump Type:</u>	Air lift	Insp	ector:		

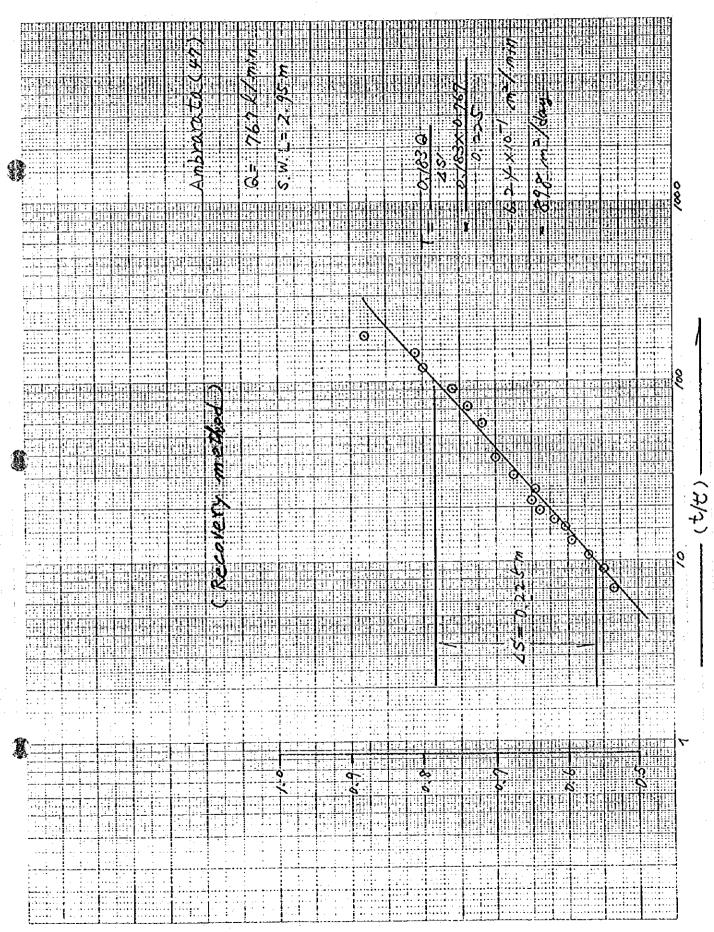
					4			
	(t)		Water		Pumpig			
Time	Elapsed	1/t	Level	Drawdown	Rate	EC	PH	TC
	Time(min)		(m)	(m)	(1/min)	(is/cm)		Notes
(St	art) 0							
10:02	· · · · · · · · · · · · · · · · · · ·	0.50			530,2		7-	29,2
010	4	0.25	- <del></del>					
	6	0.1666						
	8	0.1250						
-	10	0.1000						-
	15	0.0666						
	20	0.0500	<del></del>					
	25	0.0400				1		
10:30	30	0.0333		<del></del>	438,96	14,70	7	28,1
	40	0.0250				1		
	50	0.0200	:					
11:00		0.0166			459,73	14,27	7	28.5
11100	70	0.0142			:	1	1	
<u></u>	80	0.0125				<u> </u>		
11:30		0.01111			471,27	18,59	1	28.9
12:22		0.00833			472.86	19,34		28.8
2.22	150	0.00666			912,00	1/27		200
13:0	<del> </del>	0.00555			511	13.87	7	29.2
12.7	210	0.00476				3,01		<u> </u>
	240	0.00416					1 1 1	
	300	0.00333				1		
	360	0.00277				<del> </del>	<del> </del>	<u> </u>
	420	0.00238	<del> </del>	1	<del> </del>	-	<b></b>	<b></b>
	480	0.00208	·		<del> </del>	<del> </del>	<del> </del>	<del> </del>
	540	0.00185	<u> </u>		<del> </del>			
<b> </b> -	600	0.00166	<del></del>	· · · · · · · · · · · · · · · · · · ·	<del></del>		<del> </del>	<u> </u>
	660	0.00151						
	720	0.00138			<b>- </b>	: :	<del>                                     </del>	
	780	0.00128	•		-	-		<u> </u>
	840	0.00119		<del> </del>	<del>-  </del>		-	
	900	0,00111	1	· · · · · · · · · · · · · · · · · · ·	·		<del> </del>	<u> </u>
	960	0,00104		<del></del>	1	-	<b></b>	
	1020	0.00098	<del></del>	· · · · · · · · · · · · · · · · · · ·	<del></del>	<del></del> -		
	1080	0.00092	<del> </del>	<del></del>	<del></del>	<del></del>	<del> </del>	
	1140	0.00083	1	-	1	<del> </del>	<del> </del>	
	1200	0.00083	1	-			-[	
	1260	0.00079	1		<del>-</del>		1	<del> </del>
	1320	0.00075	1			<u> </u>		
	1380	0.00072	<del> </del>			-{	<del> </del>	1
		) 0.00069	1		+	<del></del>	<del></del>	

Name of Client MARDFINTSA (2)		0. 46	<del></del>
Depth: 30 m Dia: 100 mm Screen Interval: 17.4	5 m∼ 37.2 m,	m~	m
	m~ m₁	. m~	m
Static Water Level:GL-420 m Dynamic water Level:GL- 4.	.48 m Pump	Setting:	<u>m</u>
Pumping Rate: (1/min) Pump Type: Aic lift	Inspecto	r:	

Time	(t) Elapsed	1/t	Water Level (m)	Drawdown (m)	Pumpig Rate (1/min)	EC (#s/cm)	PH	Notes
4 /0.	Time(min)				(4) (111)	(10) (11)		
1:0 <b>/</b> St		0.50	4,20					
	2	0.50		<u> </u>				
	4	0.25					<del></del>	
	6	0.1866		<u> </u>				
	8	0.1250			510 7	7.07	1	28,9
7:10		0.1000	<u> </u>		542,3	1.01	1	
	15	0.0866			1500	1,02	1-1-1	28.7
1:20	20	0.0500			556.9	7,02	1-7-1	20,1
	25	0.0400				1.00		28.6
1:30		0.0333			594	6,99	1	20.0
,	40	0.0250					<u> </u>	
	50	0.0200				1		201
8:00	60	0.0166			572,2	1,27	7	28,7
	70	0.0142		·		ļ		
	80	0.0125		·		1		20.0
8:30	90	0.01111			551,9	6,25		23.5
9:00	120	0.00833			481,26	6.60		28.6
9:32	150	0.00666	:		507	6,95	7	28,6
10:0	180	0.00555	<u> </u>		487,26			23,9
10.3		0.00476		• : : : : :	528.55	7.01		29,0
11:0		0.00416			528,55	6.77		28.6
12:0		0.00333			515,45			28,5
13:0		0.00277		<u> </u>	524, 11	665	; :4.	28.8
	420	0.00238					<b></b>	
	480	0.00208	Exist	ing d	gwell			
	540	0,00185				,		
	600	0.00166	Depth	: 5.00	m			
	660	0.00151	SWL	: 5.00 : 4,40	m			
	720	0.00138	Ec.	. 387	I		<u> </u>	
	780	0.00128	TOC	: 29.0	l		·	
	840	0.00119	pH	: 7	1 1			
	900	0.00111						
	960	0.00104						
	1020	0.00098						
	1080	0.00092			4			
<b></b>	1140	0.00083	1			1		
	1200	0.00083	:					<u> </u>
1	1260	0.00079						<u> </u>
	1320	0,00075						
	1380	0.00072						
-	1440(24)		<del> </del>					

Name of Client MARDFIHITSA	(2)	S	ito No.		
Depth: 38 m Dia: 100- m	Screen Interval: 17,0	15m~37	,2 п,	m~	Ţ
		m~	m,	m~	ħ
Static Water Level: GL-4,20 m Dyr	namic water Level:GL- 4	48 m	Pump Se	etting:	· n
	Pump Type: Air lift	• _	pector:		

	Time (t')	Time (t)	Ratio	(s)	(s´)	
Time	Since Recovery	Since Pumping	:	Water Level	Residual	Notes
	Started (min)	Started(min)	t/t*	(m)	Draedown(m)	. •
3:00	0	360				
	-1	361	361	4,48	0,36	
	2	362	181	4,43	0,31	
	4	364	91	4,40	0.18	
	6	366	61	4,35	0,23	
	8	368	46	4,325	0.203	
	10	370	37	4,31	0.19	
	12	372	31	4,29	0,19	
	14	314	26,71		0.16	
	16	376	23,5	4,265	0,145	
	18	378	21	4,26	0,14	
	20	380	19	4,25	0,19	
·	25	385	15,4	4,235	0. i15	
	30	390	13	4,23	0,11	
	35	395	11,28		0.105	
:	40	400	10	4,21	0.09	
	50	410	8,2	4,205	0.085	
14:00	60	420	7	4, 195	0,075	
	70	430	6,14		0.065	
:	80	440	5,5	4, 175	0,055	
	90	450	5	4, 175	0,055	
	100	460	4,60		11	
15:00	120(2h)	480	4	4, 175	10	-
10107	150	510	3,4	4,17	0.05	
16:00		540	3	4,165	0,245	
	210	570	2,15	4,16	0.34	
17:00		600	2,5	4,16	11	
13 2		660	2,2	4, 15	0,03	
19:00	<del></del>	720	2	4, 15	11	
20:00		180	1.85	4,15	: 0	
21:00		340	1.75	4, 145		<del></del>
22:03		900	1,66	4, 145	0.025 11	
23:00	1	960	1,6	-11173		<del></del>
31:02	· - · · · · · · · · · · · · · · · · · ·	1080	1,5	<del> </del>		
03:00	t — · · · · · · · · · · · · · · · · · ·	1200	1,428			· · · · · · · · · · · · · · · · · · ·
05:00		1320	4375		0	
A 100	I	1560	1,3	,,,,,		
13:00	·	1800	1,25			
			<u>دي ر ،،</u>			
	·	<u> </u>				
						<u>'                                    </u>



Name of Client AMBARARATA Sito N	0. 47	
Depth: 73 m Dia: 100 mm Screen Interval: 32.5 m~ 36.65 m,	40.4 m~ 72	U
m~ m,	, <del></del>	m
Static Water Level:GL-2,95 m Dynamic water Level:GL-5.20 m Pump	Setting:	10
Pumping Rate: 767.67 (1/min) Pump Type: Air lift Inspecto	r:	

Time	(t) Elapsed	1/t	Water Level	Drawdown	Pumpig Rate	EC	PH		1
1100	Time (min)	· · ·	(m)	(m)	(1/min)	(ps/cm)		Notes	_  :
5 <sup>23</sup> (St				()	767.67	751			1
	2	0.50			797.97	<u>'``</u>			1
	4	0.25							1
	6	0.1666							1
	8	0.1250			<u> </u>				1
	10	0, 1000		·····					-
	15	0.0666							1
	20	0.0500							1
	25	0.0400							1
	30	0.0333			759.:5	1	6.5	•	1
	40	0.0250	<del></del>		121,12	<del> </del>	<u> </u>		1
	50	0.0200			753.14	735	6,5	26.7	1
1600	60	0.0166			735, 27	755	6,5	28.4	1
	70	0.0142		<u>.                                    </u>	133,77	1,7,	ر در و	461-	1
1630	80	0.0125	<del></del>		832,6	758	6.5	28.4	1
1640	90	0.0120				759	70	20.4	1
1700	120	0.00833			312,43	760	7,0 5,5 55	23,2 25£ 27 26,1	1
1730	150	0.00666			760.64	722	65	27	
1800	180	0.00555			735,15	722	6.5	261	1
10	210	0.00376			122,12	131	0.3	~,,	┨
	240	0.00416				<del> </del>		<del></del>	┨
	300	0.00333		<u> </u>				<del></del>	┨
<del></del>	360	0.00333				<del> </del>			+
<del></del>	420	0.00217			<del> </del>	<del> </del>		<u> </u>	4
	480	0.00238			<del> </del>	<u> </u>			┨
	540	0.00288				<del> </del>		<u></u>	┨
	600	0.00166				·			-
	660	0.00100				ļ		<del></del>	-
	720	0.00131	<del></del>		<b> </b>			F .	-
<del></del>	780	0.00138	1		<del> </del>	<del> </del>			$\frac{1}{2}$
<u> </u>	840	0.00128			<del> </del>	ļ			+
<del>- } - `</del>	900	0.00111	· · · · · · · · · · · · · · · · · · ·		<u> </u>	<b></b>			-
700	960	0.00111			<b> </b>	7/2	65	21-1	4
1	1020	0.00098	<del></del>			763	6.5	26,7	-
	1020	0.00092		l	<del> </del>	<b>-</b>		<del></del>	$\downarrow$
	1140	0.00083		<u> </u>	<b></b>			:	+
	1200	0.00083	·		<u> </u>	<b> </b>		<del></del>	-
	1260	0.00079							+
	1320	0.00075		<del> </del>	<u> </u>	<del> </del>	<del></del>		$\downarrow$
	1380	0.00072			<u> </u>	-			+
:	1440(24h)	0.00069	<u> </u>	<del> </del>	<del> </del>	<b> </b>	<b></b>	<del></del>	4

Name of Client AMBERARATA	<u>s</u>	ito No.	47	
Depth: 73 m Dia: 100 mm Screen Interval: 31	1.5 m~36.1	15 m, 2	24 m~72	<u>m</u>
	m~	<u>m,</u>	m~	m
Static Water Level:GL-2.95 m Dynamic water Level:GL-	5.21 m	Pump Se	etting:	m
Pumping Rate: 767.67 (1/min) Pump Type:		pector:		

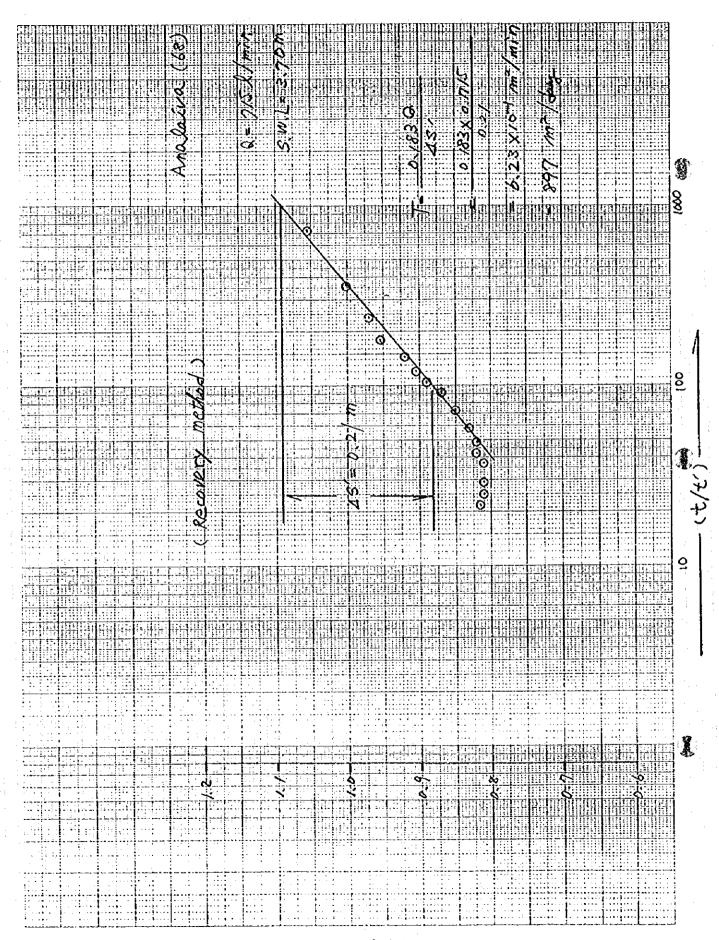
	Time (t')	Time (t)	Ratio	(s)	(s^)	
Time	Since Recovery	Since Pumping		Water Level	Residual	Notes
	Started (min)	Started(min)	t/t	(m)	Draedown(m)	
2:00	0					61:1.28
	1		[UVI			
	2		721			
	4		361		<u>.</u>	
	6		241	6.21	2.26	
	8		181	3.83	0.88	
	10		145	5.76	0.81	
	12		121	3.15	0,8	
	14		104	3.73	0.78	
	16		31	371	0.76	L
	18		81	3.705	0.755	
	20		13	3.69	0.74	
	25		58.6	3.67	0.72	
8:30	30		49	3.65	2.70	
- 10	35		42.1	3,63	0.58	
	40		37	3.65	0.75	
	50	† <del></del>	29,8	3.625	0.675	
9:50	60		25	3.535	0,645	
7730	70		21.6	3.60	0.60	
<del></del>	80		1/9	3.59	0.64	
1:30	90		17	3.57	0.62	
	100		15.4	3.55	0.50	
10:00	<u> </u>		13	3.5%	0.595	
10:30			10.6	3.52	0.57	
11:00			9	3.50	0.75	
11:30	<del> </del>		7.8	21	17	
1	240(4h)	-	1	3.485	0.535	
12:00	300(5h)	· · · · · · · · · · · · · · · · · · ·	5,8			
	360(6h)		<del> </del>			
<del>.</del>	420(7h)		<del> </del>	-	<u> </u>	
	480(8h)	<b></b>	1	1		
	540(9h)	<del> </del>	<del> </del>	1	1	
	600(10h)		<b>†</b>	-		
· · · · · · · · · · · · · · · · · · ·	720(12h)	<del> </del>	<del> </del>	<del></del>		:
	840(14h)					
	960(16h)		<del>- </del>	1	- <del> </del>	<u> </u>
	1200(20h)					
<del></del>	1440(24h)		20	2.95	0	<del> </del>
ļ <del></del>	VIII-2)OPFI	<del> </del>	<b></b>		-	
		<del> </del>		<del>- </del>		
		<del></del>				

Name of Client	ANDR	ANOMEL	14		S	ito No.		
				Interval: 4555			m~	m
					·	m,		M
Static Water L	evel:GL-≠	OS m Dy	namic wate	er Level:GL-	m	Pump S	etting:	m
Pumping Rate:		(#/min)	Pump Typ	oe:	Ins	pector:		

Time	(t) Elapsed Time(min)	1/t	Water Level (m)	Drawdown (m)	Pumpig Rate (1/min)	EC	PH	Notes	
(St	art) 0		1.53						
	2	0.50			****************	1			1
<u> </u>	4	0.25					<u> </u>	<del></del>	1
	6	0.1666							1
ļ	8	0.1250							1
	10	0.1000						<del></del>	1
	15	0.0666						. <u> </u>	1
	20	0.0500		- <del></del>		<u> </u>		<del></del>	1
}	25	0.0400			:				1
	30	0.0333						<del></del>	1
	40	0.0250							1
1	50	0.0200					<del></del>	:	1
	60	0.0166							1
	70	0.0142		<del> </del>					1
	80	0.0125	<u> </u>						1
	90	0.01111	:	<del></del>					
	120	0.00833				<u> </u>			- \$
	150	0.00666				<del>                                     </del>		·	1
	180	0.00555				<u> </u>			1
	210	0.00476							1
	240	0.00416							1
	300	0.00333				<u> </u>			1
	360	0.00277		· · · · · · · · · · · · · · · · · · ·					1
	420	0.00238	1						┧ .
	480	0,00208						<del></del>	1
	540	0.00185				1			1
	600	0.00166	:						1
	660	0.00151				1			1
	720	0.00138			:				1
	780	0.00128			. :				1
<u> </u>	840	0.00119							1.
	900	0,00111	:		:				
	960	0,00104							1
	1020	0.00098							
<u></u>	1080	0.00092							]
<u></u>	1140	0.00083							]
	1200	0.00083					<u> </u>		
	1260	0.00019							
ļ	1320	0.00075	<u></u>				-		
	1380	0.00072			:				
1	1440(24h)	0.00069	L	<u> </u>					

Name of Client	HOVATENA	IE In	Sito		
Depth: 74 m	Dia: 100	ma Screen Interval:	45.55 m~ 74 n	, <u> </u>	
		 	m~ n		
Static Water Level	:GL- +0.5 m [	ynamic water Level:Gl	<u>,- m Pur</u>	p Setting:	1
Pumping Rate:	(1/mir	) Pump Type:	Inspect	or:	<del></del>

	Time (t´)	Time (t)	Ratio	(s)	(s´)	
lime	Since Recovery	Since Pumping		Water Level	Residual	Notes
	Started (min)	Started(min)	t/t′	(m)	Draedown(m)	,
	0					
	1		1441			
	2		1441	36.37	36.37	Q= 105 1/
	4		361	27,68	28.18	
	6		241	22.63	23,19	PH= 6,5
	8		181	16.25	16.75	Ec= 898
	10		145	1i.75	12.25	T' = 23.9
	12		121	7.36	7.32	
	14		104	1,32	2,32	
	16		91	o. i5	0.65	
<del></del>	18	<del> </del>	81	0	+ 0.5	
<del></del>	20				1	
	25	<del> </del>				
	30					
	35		<del> </del>			
	40					
	50			<del> </del>		
	60					
	70	100				
	80	<del> </del>		1 1		
	90				1	
	100					
	120(2h)		-	ļ —		
<del></del>	150	-	<del> </del>			
	180(3h)			<del> </del>	1	1
	210		<del> </del>			
	240(4h)	:	<del></del>			
	300(5h)					
				-		
	360(6h) 420(7h)		<del> </del>		<del> </del>	
			-			
	480(8h)	<del> </del>	ļ			
	540(9h)					
	600(10h)		<del>- </del>	<del></del>	-	<del> </del>
	720(12h)		<del> </del>			
<del></del> .	840(14h)		<del> </del>	<del> </del>	<del> </del>	<del> </del>
<u> </u>	960(16h)				-	
<u> </u>	1200 (20h)		<del> </del>		<del> </del>	
:	1440(24h)		ļ			
			<del> </del>	-	<del></del>	
						ļ



Name of Client ANALAIVA	Sito No. 67					
Depth: 73 m Dia: 100 nm Screen Interval: 30.6	m~5035 m, 54.3 m~ 10.9 m					
	m∼ m, m∼ m					
Static Water Level:GL- 3.7 m Dynamic water Level:GL- 4	.81 m Pump Setting: m					
Pumping Rate: (1/min) Pump Type: Aic lift	Inspector:					

<u></u>	(4)		W - 4		Dunnia	<del></del>	r	
Ţ	(t)	, ,	Water	D	Pumpig	EC	PH	÷ .
Time	Elapsed	1/t	Level	Drawdown	Rate	L		
	Time(min)		(m)	(m)	(1/min)	(is/cm)		Notes
10:06St				· · · · · · · · · · · · · · · · · · ·	7/3.1	171	6.5	27.5°C
	2	0.50			<u> </u>			
	4	0.25						
	8	0.1666				ļ		
	8	0,1250						
	10	0.1000				<u> </u>		<u> </u>
	15	0.0666	·		170.04	275		27.5
	20	0.0500		:				·
	25	0.0400						
10:30	30	0.0333			775.9	229	6.5	27.6
	40.	0.0250						
	50	0.0200						
11:00	60	0.0166			304.6	214	6.5	23.0
	70	0.0142						
	80	0.0125		· · · · · · · · · · · · · · · · · · ·				
11:30	90	0.01111			783.1	201	6.5	31.6
12:10	120	0.00833			793.9	209	6.5	26.4
12:30	150	0.00666	:		7.0	195	н	25.0
13:00	180	0.00555				194	"	
13:20	210	0.00476			858.4	205	1	17.2
14.10.	240	0.00416				215		27.0
15:50	300	0.00333			785.4	312	1 1 1	28.1
16:00	360	0.00277			360.5	207		
17:00	420	0.00238			840	,		25.2
18:00	480	0.00208	5.		292.8	200	1	27.7
19:10	540	0.00185				205		211.2
20:00	600	0.00166			3-7.8			31.3
21: N	660	0,00151		1	597.9	201		14.6
22:00	720	0.00138			789	"		25.7
33:10	780	0.00128			744			24.7
0:00	840	0.00119			732	204		26.3
1:00	900	0.00111			792.5	200		£ <del>28</del> ,3
2: v>	950	0.00104			3.2 7	199		23.5
₹: >0	1020	0.00098			922.6	195	te :	26.9
4:00	1080	0.00092			624.9	20.5	′'	26.7
1:00	1140	0.00083			822.3	204	11	29.4
6:00	1200	0.00083			56 <u>L</u>	198	,,	27.5
7:00	1260	0.00079			600,9	260	٠.	24.8
8:00	1320	0.00075			757.5	20"	,.	25.2
1:10	1380	0.00072			622.1	195	``	25.0
11:10	1440(24h)	0.00069			706	11 85.9	6.5	~0

Name of Client ANALA! //i		Sito No. 67
	Screen Interval: 30,6	m~5035 m, 54.3 m~ 70.9 m
		n~ m, n~ n
Static Water Level:GL- 3.7 m Dyna	amic water Level:GL-4.	84 m Pump Setting: m
Pumping Rate: (1/min)	Pump Type: Air lift	Inspector:

	Time (t')	Time (t)	Ratio	(s)	(s´)	
Time	Since Recovery	Since Pumping		Water Level	Residual	Notes
	Started (min)	Started(min)	t/t	(n)	Draedown(m)	
10:00	0		14/10			· · · · · · · · · · · · · · · · · · ·
	1	1441	1441	4.69	0.99	<del></del>
	2	1442	721	4.81	1.11	<del></del>
	4	1444	361	4.715	1.015	
-	6	1446	241	H.87	0.99	<del></del>
	8	1448	184	4.66	0.97	
	10	1450	145	4.62	0,92	
	12	1452	121	Н, 605	0.905	
	14	1454	104	4.59	1.89	<del></del>
	16	N456	91	4.57	0.87	
	18	1458	84	, i	le .	
	20	1460	73	4.55	0.85	
	25	1265	58,6	4.53	0.83	
	30	1470	49	4.52	0.62	
	35	1416	42.1	<i>H</i> , V <i>E</i>	f:	
	40	1480	37	451	0.81	
	50	1490	29.8	1	h	
11:00	60	1500	25.0		<u> </u>	· · · · · · · · · · · · · · · · · · ·
	70	15/0	21.6	1, 616	0.010	<u> </u>
	80	1520	11	4.515	0.815	
	90	1530	17	4.60	0.675	
<del></del>	100	1540		<del>                                     </del>	0.7	<u></u>
12:00	120(2h)	1560	15.4	4.57		
74.09	150		13	4.58	2.62	
18:00	180(3h)	1590 1620	10.6	4.56	0.64	
13:30	210	1650	7.8	7.3 9	0.69	· · · · · · · · · · · · · · · · · · ·
14:0	240(4h)	1680	7.0			
/J:W	300(5h)	1740	5.8.	l		
	* * * * * * * * * * * * * * * * * * * *	4/20	<i>v.</i> 8.			
	360(6h) 420(7h)					
<u></u>	480(8h)				<b> </b>	<del></del>
<del>- 1- }</del>	540(9h)		<u> </u>			<del></del>
<u> </u>					:	<del></del>
	600(10h)					· · · · · · · · · · · · · · · · · · ·
	720(12h)		1 1 1			. <del></del>
	840(14h)		<b> </b>	1		
	960(16h)			<u> </u>		
	1200(20h)					· · · · · · · · · · · · · · · · · · ·
	1440(24h)		<b></b>	<u> </u>	<b> </b>	
	· · · · · · · · · · · · · · · · · · ·		<u></u>			· · · · · · · · · · · · · · · · · · ·
		ļ	<u></u>		· · · · · · · · · · · · · · · · · · ·	

Name of Client	AE	2767	. 5	UD			<u> </u>	ito N	o. a	2	<u> </u>
Depth: <b>75</b>	m Dia:	//0	mm	Screen	Interval	: 38.2 m	-42	.2 m,	46.2	$m\sim 5$	0.Z I
						58.2 m					31
Static Water Lev	vel:GL-	6,27 m	Dyna	mic wate	r Level:	GL- 12.5	2 m	Pump	Sett	ing:	ţſ
Pumping Rate:		( <b>1</b> /mi	<u>n)</u>	Pump Typ	e: Alc	lift.	Ins	pecto	r:		

Time	(t) Elapsed Time(min)	1/t	Water Level (m)	Drawdown (m)	Pumpig Rate (1/min)	EC (#s/cm)	PH	Notes	
جانخ(St			<u>\""</u>		(17.1.277)	(70, 414)			1
<u> </u>	2.	0.50						<del></del>	1
<del></del>	4	0.25			6347	65i		28,2	1
	6	0.1666				0.21		40,6	^
	8	0,1250							
	10	0.1000			<u> </u>				1
	15	0.0666				<u> </u>			1
	20	0.0500							1
· · ·	25	0.0400				<u> </u>		<del> </del>	1
	30	0.0333	<u> </u>		492,6	650	6.5	28, :	1
	40	0.0250			7:5:0	1-323			1
	50	0.0200				<del></del>			1
	60	0.0166			500,5	650	6.5	23,4	1
<del></del>	70	0.0142			303,3	050	<u> </u>	- 5/4	1
	80	0.0125							1
·	90	0.0123			503,1	650	6.5	28,3	1
	120	0.00833			502,53	651	6.5	28,2	
<del></del>	150	0.00666			207.33	021	0.5	2072	1
<del></del> .	180	0.00555				<del>                                     </del>			1
<del></del>	210	0.00476						<del></del>	1
<del></del> -	240	0.00416				· · · · · · · · · · · · · · · · · · ·			1
	300	0.00333			<u> </u>				1
	360	0.00277							1
	420	0.00238					<del> </del>		1
	480	0.00208			<del> </del>	-		<del></del>	-
<del></del>	540	0.00185		<u> </u>		<b>-</b>			1
	600	0.00166	:	<del> </del>	<del> </del>	<del> </del>	1		┪
	660	0.00151						<del> </del>	1
	720	0.00138		<del></del>		<u> </u>	<del>                                     </del>		1
:	780	0.00128			<del> :</del>	<del> </del>	·		1.
<u>-</u>	840	0.00119	<u> </u>	<b> </b>	<u> </u>		<del> </del>		1
	900	0.00111			<del>-</del>	<del>                                     </del>			]
	960	0.00104		<del></del>	-		<del></del>		
	1020	0.00098			<u> </u>	<b>-</b>	<del>                                     </del>		-
	1080	0.00092	<u> </u>		<del></del>			<del></del>	1
	1140	0.00083	<del> </del>		<del>-  </del>	1			1
	1200	0.00083	<del> </del>	<del> </del>	<del> </del> -	1			1
	1260	0.00079		· · · · · · · · · · · · · · · · · · ·	<b></b>	·	<del> </del>	<del></del>	-
	1320	0.00075			<del> </del>	<del> </del>	<del></del>	<del></del>	-
	1380	0.00072			<del></del>	1			1
···	1440(24h		<del> </del>	<b></b>		<del></del>	<del> </del>		

Name of Client	BEROBOKA	\$ \$40	Sito No. 93
Depth: 75 m	Dia: /00 nm	Screen Interval: 38,2 m	41.2 m, 46.2 m~ 50.2 m
	4		~ 74.2m, m~ m
Static Water Level	:GL- 6.22 m Dyn	amic water Level:GL-/2.52	m Pump Setting: m
Pumping Rate:		Pump Type: Air lift.	

	Time (t')	Time (t)	Ratio	(s)	(s´)	
Time	Since Recovery	Since Pumping		Water Level	Residual	Notes
	Started (min)	Started(min)	t/t	(m)	Draedown(m)	
7:15	0			12.52	6.3	
	1	121	121	12.27	6.05	
	2	122	61	12.67	6.45	
	4	124	31	12.18	5,96	
	6	126	21	11.97	5.55	
	8	128	16	11.45	5.23	
	10	130	13	11.16	4.94	
	12	132	11	15.96	4.74	
	14	134	1,5	10.77	4.55	
	16	136	8.5	10.51	4.39	
	18	138	7.7	10.46	4,24	
<del></del>	20	140	7	10.34	4.42	
· ·	25	145	5.8	10.07	3.85	
	30	150	5	9,83	3.61	
	35	155	4.43	9.63	3.41	
	40	160	4	9.45	3, L	
	50	170	3,4	9.14	2.92	
	60	180	3	9.02	2.90	
	70	190	2.71	8.68	2.46	
	80	200	2,5	8,43	2.18	
	90	210	2.33	8.32	2.40	
	100	220	2.2	2,17	1.95	
···	120(2h)	240	2	1.94	1.74	
	150	270	1.8	7.69	1.45	
	180(3h)	300	1.67	7.44	1.22	
	210	330	1.37	7.28	1.06	
	240(4h)	350	4.5	7.12	2,92	
	300(5h)	420	1.4	6.93	0.74	
	360(6h)	480	1,33			
	420(7h)	540	1.28			
	480(8h)	bvo	1,25			<del></del>
	540(9h)	660	1,22			······································
	600(10h)	720	1.2			
	720(12h)	240	1.17			
	840(14h)	150	1.14			
	960(16h)	1:80	1.12			
	1200(20h)	1320	1.1	6.22	0	
	1440(24h)	1560	1.00	6.22	0	
<del></del>	<del>-</del>				,	
						······································
	<b> </b>	<b> </b>	l	[	1	

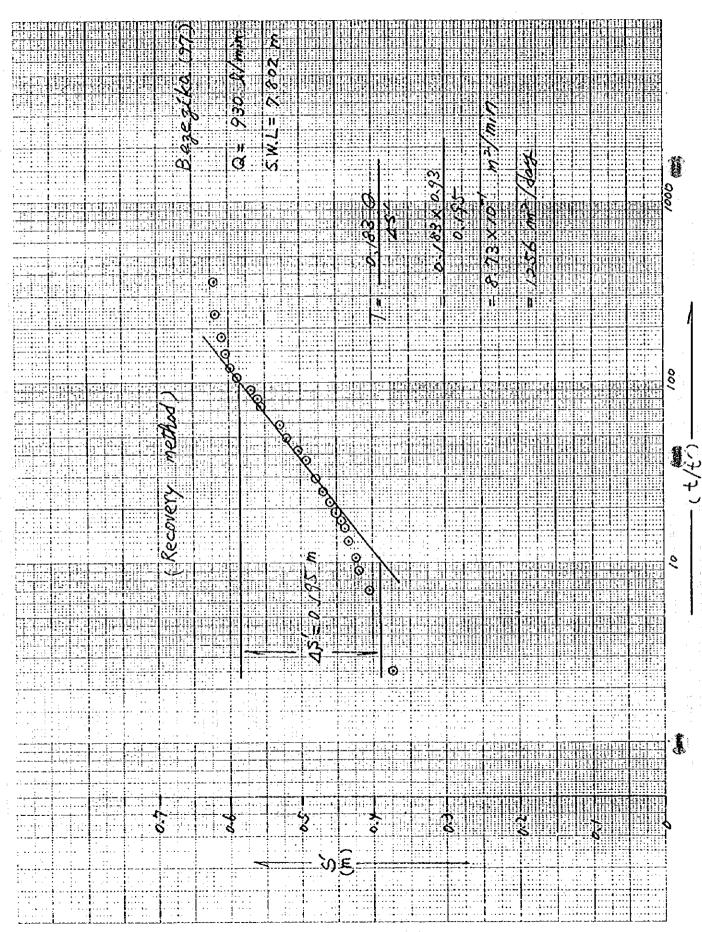
Name of Client	BERD	BOKA	SUD			Sito N	lo. 43	
Depth: 75	m Dia:	oo ma	Screen	Interval: 38				m
				51	3.2 m~	74.2 m.	m~	m
Static Water Le	evel:GL-6,	22 m Dyn	amic wat	er Level:GL-	12.52	m Pump	Setting:	m
Pumping Rate:		(1/min)	Pump Ty	pe: Air li	lt-	Inspecto	ir:	

	(t)		Water		Pumpig				}
Time	Elapsed	1/t	Level	Drawdown	Rate	EC :	PH		
:	Time(min)		(m)	(m) ·	(1/min)	(#S/cm)		Notes	<u>a</u>
130(St.	art) 0							-	
	2	0.50			401,1	626	6.5	25,7	1
	4	0, 25							1
	6	0.1666			:				1
	8	0.1250							1
	10	0.1000							ĺ
	15	0.0666							1
	20	0.0500							ĺ
	25	0.0400							1
800	30	0.0333			433,75	653	6.5	28,4	1
	40	0.0250			1				1
	50	0.0200			<u> </u>	,			1
830	60	0.0166			501,6	652	6.5	28,4	1.
	70	0,0142		<del></del>	1 - 3 - 7 - 3				1
	80	0,0125						<del></del>	1
900	90	0.01111			480,8	650	6,5	28,4	
930	120	0.00833			474,32	648	6,5	28,5	
1015	150	0.00666		<u> </u>	471,14		6.5	28,5	{
1030	180	0.00555	· · · · · · · · · · · · · · · · · · ·	<u> </u>	471,14	649	6.5	28,4	
1100	210	0.00476			477,55	648	6.5	28,5	1 .
1132	240	0.00416		<del> </del>	463,0	646	6.5	28,5	
1203	270 390	0.00333		<del></del>	474,32		6,5	28,4	
1230	300 360	0.00277			447,13		6.5		1
1300	337420	0.00238			438,75	646	6.5	28,5	1
1350	360480	0.00208		<del> </del>	433,33		6.5	28.5 28.5	ļ
12	540	0.00285	<del></del>	<u> </u>	2,30,00	646	0.5	20,0	ł
	600	0.00166	<u></u>		<del> </del>				
:	660	0.00151		<u> </u>					ł
	720	0,00138	<del></del>					<del></del>	-
	780	0.00138	· · · · · · · · · · · · · · · · · · ·					<del></del>	ł
	840	0.00128						<del></del>	
	900	0.00113		 			<u>-</u>	·	
	960	0.00111	· · · · · · · · · · · · · · · · · · ·					<del></del>	
	1020	0.00098		<u> </u>	<u> </u>	<b> </b>		<u> </u>	-
	1080	0.00092				<b> </b>		<del></del>	•
	1140	0.00083	· · · · · · · · · · · · · · · · · · ·		<del> </del>	<b> </b>			1
	1200	0.00083				ļ			<b>§</b>
	1260		<u> </u>	<u> </u>	<u> </u>	<b> </b>		<del></del>	1
		0.00079				<b>[</b>			1
	1320	0.00075	· · · · · · · · · · · · · · · · · · ·	<u> </u>		<u> </u>	:		Ì
			<u> </u>	<b></b>	ļ		· · · · · · · · · · · · · · · · · · ·	<del></del>	-
<u>.</u>	1380 1440 (24h)	0.00072 0.00069							

Name of Client	BEROBOKA		Sito No. 93
Depth: 25 m	Dia: /00 mm	Screen	Interval: 38.2 m~42.2 m, 46.2 m~50.2 m
500000	<del></del>		50,2 m~ 74.2 m, m~ m
Static Water Level	:GL- 622 m Dyna	mic wat	er Level:GL- m Pump Setting: m
Pumning Rate:	(1/min)	Pump Ty	pe: Air lift Inspector:

- 1	Time (t')	Time (t)	Ratio	(s)	(s´)	
lime	Since Recovery	Since Pumping		Water Level	Residual	Notes
	Started (min)	Started(min)	t/t	(m)	Draedown(m)	-
3:30	0	360		12.23	6.01	·
<u> </u>	1	361	364	11.62	5.40	
	2	362	181	13./3	6.91	
	4	364	91	13.93	7.71	
	6	366	61	13.36	7.19	
	8	366	46	13.80	6.78	
	10	370	37	12.75	6.53	·
	12	372	34	12.53	6.31	
	14	314	26.7!	12.32	6.10	
	16	376	23.5	12.10	5,88	
	18	378	21	11.98	5.76	
	20	380	19	11.82	5.6	
<u></u>	25	385	15.4	11.48	3.26	
	30	390	13	11.18	5.06	
	35	395	11.28	11.06	4.84	
·	40	400	10	10,86	4.64	
	50	410	8.2	10.52	4.3	
	60	420	7	10.24	4.02	
	70	430	6.14	10.01	3.79	
	80	· · · · · · · · · · · · · · · · · · ·	5.5	9.77	3.57	
	90	440	5	3.6)	3.38	
·	100	450	4.6	3,43	3.26	
<u> </u>	120(2h)	480	4.6	7.15	2.93	
<del></del>		510	3.4	8.78	2.56	
	150	<u> </u>		8.52	2.3	
_:	180(3h)	545 570	3	8.22	2 2	
	210	·	2.71	2.06	184	
	240(4h)	600	2.5	7.80	1.58	
	300(5h)	660	2.2	7.36		
	360(6h)	720	2	7.36	1.34	
<del></del>	420(7h)	780	1.85	7.25	1.17	
	480(8h)	840	1.75	7.15	1.03	_ <del></del>
	540(9h)	900	1.66	5.97	2.93	<del> </del>
	600(10h)		1.6	- 3.7	0.75	
	720(12h)		1.5			<u> </u>
	840(14h)	1200	1.42		<b></b>	
	960(16h)		1.37			
	1200(20h)		1.3			
	1440(24h)		1.25		A 12.1	
6:00	150	1880	1.7.5	6.66	0.44	

Ü



Name of Client	BEZEZIKA		:		Sito No.		
Depth: 42.55	m Dia: //0	mm Scree	n Interval:/	8.05 m~41.	75 m,	m~	
				m~	m,	m~	fī
Static Water Le	vel:GL-7.802 m	Dynamic wa	ter Level:GL-	2.64 m	Pump Se	etting:	11
Pumping Rate:	(1/1	min) Pump T	ype: Air li	ft. Ins	pector:		

	(t)		Water	1	Pumpig	T		
Time	Elapsed	l/t	Level	Drawdown	Rate	EC	PH	
	Time (min)	17 0	(m)	(m)	(1/min)	(#S/CIA)	• • •	Notes
(St	art) 0		(1.7)	(15)	(7) (11)	1(15/ (11/	-	110000
,,,,,	2	0.50			<del> </del>	+		
	4	0.25						
<del></del>	6	0.1666	<del></del>		<del></del>	-		<del></del>
	8	0, 1250	<del></del>	· · · · · · · · · · · · · · · · · · ·	·			
	10	0.1000		<del></del>			·	
	15	0.0666			100 P	325	6.5	30.5℃
· · · · · ·	20	0.0500			7,000	1 3.5	0.0	
	25	0.0400			<del> </del>			
<u> </u>	30	0.0333				-		
	40	0.0250	·	· · · · · · · · · · · · · · · · · · ·	<del></del>			
	50	0.0200						
· · ·	60	0.0166			752.7	274	6.5	30.0℃
:	70	0.0142			-32.7			30.0
	80	0.0125	11		· · · · · · · · · · · · · · · · · · ·			
	90	0.01111			<del> </del>	-	1 1	
	120	0.00833	<del></del>		932.2	270	ts .	29.2
	150	0.00666	<del> </del>		76 7.2	1~,		<u> </u>
	180	0.00555			1264,8	221	0	28.2
	210	0.00476			7		3 3	
	240	0.00416			907	213	f <sub>1</sub>	28.6
	300	0,00333			1068	255	••	1.
	360	0.00277			802			28,2
	420	0.00238	<u> </u>	1 1 1	002	<u> </u>	<del></del>	24,2
	480	0,00208						
	540	0.00185	<del></del>			-	<del></del>	
	600	0.00166						
	660	0.00151	· <del></del>	<del> </del>	<del> </del>	*		
	720	0.00138			1192	252		30 A.A
<del></del>	780	0.00128			1122	202	•	29 9°C
	840	0.00119			1	-		
<del>-</del>	900	0.00111			1175	248		28. 3
	960	0.00104	1		11177	210	<u>i</u>	ev. 3
	1020	0.00098			. 870	247		35 6
	1080	0.00092	1:			/	***	25.8
	1140	0.00083			1056	240		25.4
	1200	0.00083		<del> </del>		, , , , , , , , , , , , , , , , , , ,		
	1260	0.00079			1170	221		29.7
	1320	0.00075			'//			<u> </u>
	1380	0.00072						
	1440(24h)	0.00069			1038	2:/5	١.	27.2

Name of Client	BELEZIKA		<u> </u>		L	
Depth: 42.55 m	Dia: 100 m	Screen Interval: 18 PS	n~ 41	75 m,	m~	m
			m~	in,	n∼	m
Static Water Level		mic water Level:GL-8.0		Pump S	Setting:	m
Pumping Rate:	(1/min)	Pump Type: Air (i)	Ins	pector		

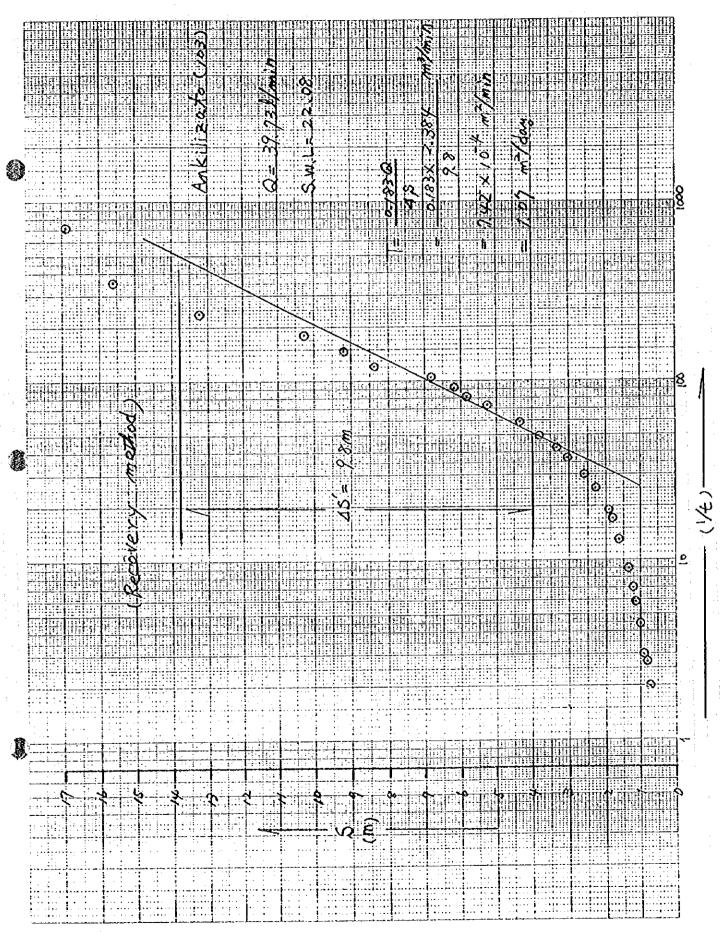
		T			*	
	Time (t)	Time (t)	Ratio	(8)	(s´)	
Time	Since Recovery	Since Pumping		Water Level	Residual	Notes
	Started (min)	Started(min)	t/t	(m)	Draedown(m)	
15:10	0	1440		8.45	0,648	
	<u>l</u>	1401	1441			
<u> </u>	2	1442	721	2,64	0.838	r
	4	1444	361	8.62	0,313	
	6	1446	241	8.55	0.763	-
	8 .	11148	181	7.52	0.713	
	10	1450	145	8.49	0,688	
	12	1452	121	8.48	0,678	:
	14	1454	103	8.465	0,663	
	16	1456	91	8.455	0,653	<del></del>
	18	1458	11	8.45	0,648	
	20	1460	72	8.43	0 623	
	25	1485	58.6		11	
15:30	30	1470	41	8.42	0.618	<del> </del>
	35	1475	42.14		0.608	
	40	1480	37	8.49	0.598	
	50	11190	19.8	8.39	2.588	
16:00	60	1500	25	8.38	0,498	
	70	1510	21.57		0,563	<del>- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</del>
	80	1520	/9		0,303 /r	
14:30	90	1530	17	2,365		<del> </del>
	100	1540	15-4	8,36	0,563 0,558	
17:00	120(2h)	1560	13	P. XI		
	150	7,500		(. 20	0,553	<del></del>
	180(3h)		<del></del>		<u></u>	<del></del>
·	210					
<del></del> -	240(4h)		7.	·		
	300(5h)		· · · · · · · · · · · · · · · · · · ·			
<del></del>	360(6h)		· <del></del>	<del></del>	-	**
	420(7h)					
	480(8h)	<u> </u>			·	
	540(9h)					<u> </u>
	600(10h)	1				
	720(12h)		· · · · · ·			<u> </u>
	840(14h)		<del></del>			· · · · · · · · · · · · · · · · · · ·
	960(16h)				<u> </u>	
	1200 (20h)			<u> </u>		
-	1440(24h)			<del></del>	<b></b>	
	1440(44h)	<u> </u>		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
		<del></del>	·			· · · · · · · · · · · · · · · · · · ·
		<u> </u>		<del></del>		
	L	L	<u> </u>	<u> </u>		

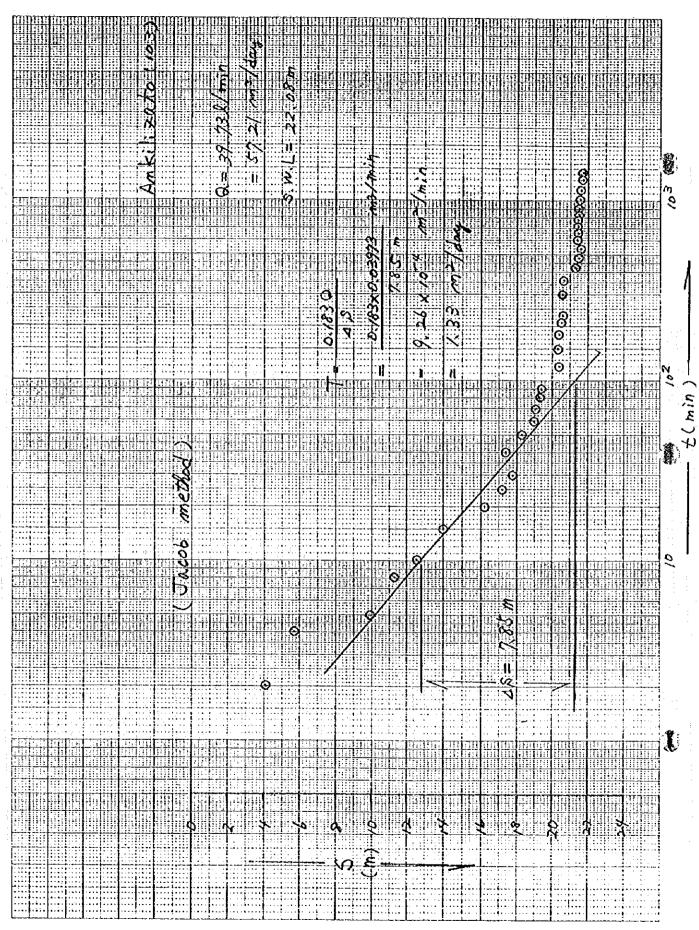
Name of Client	BEZEZIKA		Sito No.					
Depth: 42.55	m Dia: 100 mm	Screen Interval: 18,05	n~ 41.	75 m.	m~	m		
			m~		m~	m		
Static Water Lev	el:GL- 7 82 m Dyn	amic water Level:GL- &	611 m	Pump Se	tting:	m		
Pumping Rate:	(1/min)	Pump Type: Air lift	Ins	pector:				

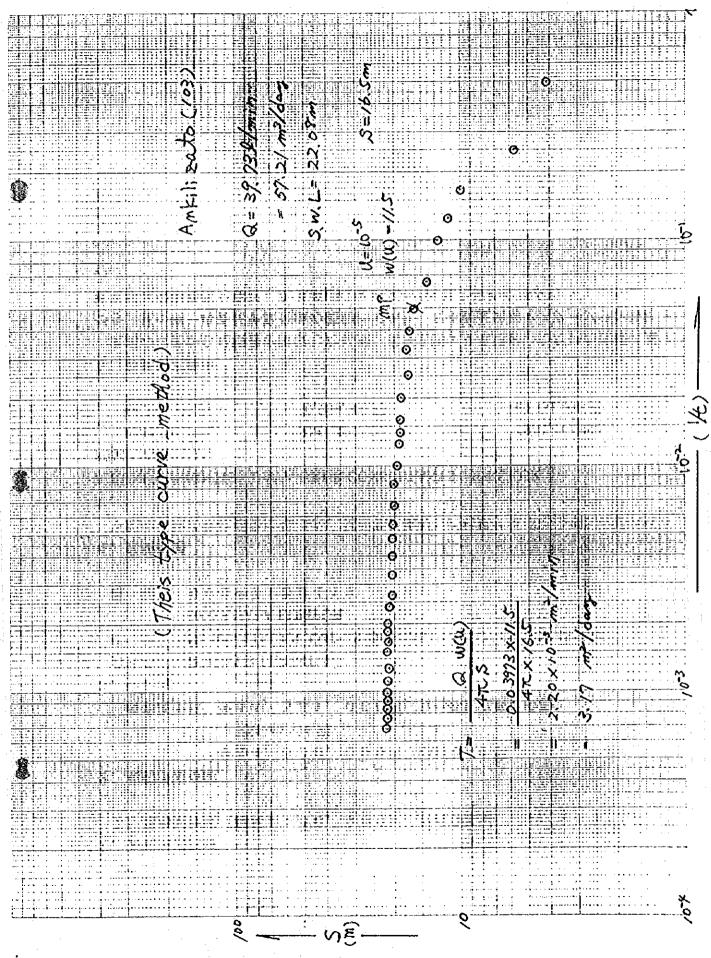
						- <del>   </del>		
	(t)		Water		Pumpig			
Time	Elapsed	1/t	Level	Drawdown	Rate	EC	PH	•
	Time(min)	•	(m)	(n)	(I/min)	(rs/cm)		Notes
//://(St	art) O	<del></del>						
	2	0.50		:				·
	4	0.25			551	HHH		29.2°C
	6	0.1666						
	8	0.1250	<del></del>					
	10	0.1000		-		423	7	28.70
}	15	0.0666	<u></u>			<del> </del>		
	20	0.0500						
	25	0.0400		:	ļ			
11:45	30	0.0333	<del> </del>		892	347	5.5	225
77.70	40	0.0250		-		1 77		
	50	0.0200	<del></del>					
12:15	60	0.0166			1251	312	6.5	30.30
12.13	70	0.0142	<del></del>		7007	- <del></del>	7.7	
	80	0.0145				_		
	{ <del></del>	0.01111	8.4	0.648	<del>                                     </del>	258	17	32.32
12.4	120	0.00833	31,570	0.070		1		
·	150	0.00666	<del> </del>	-	<del> </del>			
	180	0.00555				<u> </u>		
	210	0.00476			<del> </del>			
	240	0.00416	<u> </u>	<del></del>		_		
<b> </b>	300	0.00333	<del>                                     </del>			-		
1	360	0.00277			<del></del>			
	420	0.00238						
	480	0.00208	<del> </del>				<del></del>	
·	540	0.00185						
}	600	0,00166						
<b> </b>	660	0.00151		_		<del>-  </del>		
;	720	0.00138	<del> </del>			1		} <del></del>
<b> </b>	780	0.00128	1				-	
ļ	840	0.00119			-	1		
-	900	0.00111		<del></del>				
<u> </u>	960	0.00104	-	<del></del>			<del></del>	
	1020	0.00098						
	1080	0.00092						
	1140	0.00083						
<u> </u>	1200	0.00083	-					
	1260	0.00079						
·	1320	0.00075	1				1	
	1380	0.00072						
	1440(24)		<del>-  </del>		-			
l							<u> </u>	

Name of Client BEZEZIXA		Sito No	·	
Depth: 42.35 m Dia: 100.	mm Screen Interval: 18.05	m~41.25 m.	m~	h
		m∼ m,	m~	m
Static Water Level: GL- 7.802 m D			Setting:	m
Pumping Rate: (1/min)	) Pump Type: Air lift.	Inspector	•	

	Time (t')	Time (t)	Ratio	(s)	(s´)	
Time	Since Recovery	Since Pumping		Water Level	Residual	Notes
	Started (min)	Started(min)	t/t′	(m)	Draedown(m)	
15	0	ı				
<del></del>	1	1441	1041	8.02	0.218	
	2	1442	721	8.42.	0.512	-
	4	1640	361	"/		
•	6	1406	241	8.42	11	
	8	1057	181	8,41	0,608	
	10	1450	145	2.405	0.603	<del> </del>
	12	1452	121	7.43	0.598	
	14	1454	123	2.35	0.588	
	16	1256	91	8.27	0.568	
	18	1638	51	8.36	0.558	
1.11	20	1460	7.	8.355	0.553	<del></del>
	25	1465	₹3. å	8.33	0.528	
	30	1470	مد مر چورنو	8.32	0.518	· · · · · · · · · · · · · · · · · · ·
:	35	1475	42.14	8.305	1.503	
	40	1480	37	8.295	0.493	
	50	1096	29.8	8.28	0.478	
<del></del>	60	1500.	25	8.27	0.468	
	70	1510	21.57		0.48	
:	80	1520	A	8.255	8. 453	<del></del>
. :	90	1530	17	8.245	0.403	
<del></del>	100	1540	15.0	8.24	2. 438	<u>, i, i, i, i, i, i, i, i, i, i, i, i, i,</u>
·	120(2h)	1560	13	8.236	0.433	
	150	1590			·	<u></u>
	180(3h)	1620	10.6	8.225	0.423	<u> </u>
<del>:: : .</del>	210	<u> </u>		8.220	0.4/8	· · · · · · · · · · · · · · · · · · ·
<u>-</u>	240(4h)	1650 .	7.86		6.415	<del></del>
		1680		8.206	0.404	
	300(5h)					<del></del>
·	360(6h)		<b> </b> -			
<u> </u>	420(7h)	<u> </u>	<u> </u>		,	
· <del></del>	480(8h)		<del> </del>			
<del>- i -</del>	540(9h)	;	<del> </del>		<b> </b>	
<u> </u>	600(10h)		<u> </u>		<b> </b>	· · · · · · · · · · · · · · · · · · ·
<del>- ; .</del>	720(12h)	1	1		<u> </u>	
	840(14h)		ļ <u> </u>			<del></del>
*	960 (16h)	2400.	2.5	8.416	0.374	
	1200(20h)		<b> </b>			
	1440(24h)	<u> </u>	<u> </u>			
16:45	·		ļ	7.502	0	
	<b> </b>	<u> </u>	ļ	ļ	1	<u></u>
	<u> </u>		<u> </u>		1	







Name of Client ANKILIZATO	Sito No. 103
Depth: 470.45 m Dia: 260 m	m Screen Interval: 109 m~ 115 m, 12; m~ 130 m
•	142 m~ 163 m, m~ m
Static Water Level:GL- 22,08 m Dy	namic water Level:GL- m Pump Setting: 52,25 m
Pumping Rate: (1/min)	Pump Type: 0 K AMOTO Tump. Inspector: Desice

Time	Elapsed	Water	Drawdown	Pumpig	EC	PH		
Time	Time (min)	Level (m)	(m)	Rate(1/min)		;	Notes	
155	Step ) 0	22, 78					Start	رير [
11:12		28,70		17,14	2240		Measuring	
11110	4	28,95		15,78	11		reference	]
	6	2923	<del></del>	16,21	2210		form over	
	8	29.35		18,18	. "		GL	
<del></del>	10	30.12	<del></del>	17,64	2260	:	(Rig table)	Ì
	12	30,37		18,18	2250			
	14	30,50		18,64	2240			
	16	30.60		18, 18	2260			
	20	30,70		19,35	2250			
· · · · · · · · · · · · · · · · · · ·	25	31,15		'/	"			
<del></del>	30	31,40		20,00	2240			
	35	31,55	<del></del>	19,35	l i			
	40	31,59		4	11			]
	50	31,62		20,00	2990			
12:10	60	31,55		19,35	2220	:		
	70	31.50		20,00	2250			1
	80	31,45		"	11			] \
	90	31,38		11	2240		:	
13:10	120	31,25		12,35	2220			
	150	31,55		20.33	2215			
 :			!					-
(2"	Step) 0	31,55						7
1342	2	31,90		46,15	2490	:		
	4	35,51		42,35	2230	1		1
	6	36.91		43,47				1
	8	38.06		42.85	2250			-
	10	32.7o		43,47				]
	12	39.30		41,09				1
	14	39.70		41.09	T			
	16	40,20	7	40.54				1
	20	40,45		40,00				
	25	40,64		"	**			]
	30	42.35		41,29	,,			
:	35	41.75		40,54	. "			
	40	41.14		41.15	2220			
	50	41.30		42,25	2221			
14:4		41,37		34,73	11	<u> </u>		
	70	41,45		38,21	R			
	80	41,55		37,97	. "			
	90	41,90		38.70				
15:2	120	42,05			11			_[
	150	42,15			11	1		1

## STEP DRAWDOWN TEST

Name of Client				S	ito No.	103	
7 1	m Dia:	T.M	Screen Interval:	n~	m,	m~_	<u> </u>
	•				m,	m~	
Static Water Le	evel:GL-22,08	m Dyna	mic water Level:GL-		Pump S	etting:	
Pumping Rate:	(	t/min)	Pump Type:	Ins	pector:	<u> </u>	

DATE

3rd Step

P	umping	Rate:	(1)	min) Pump	Туре:	<u>Ins</u>	spector	<u> </u>
ſ	Time	Elapsed	Water	Drawdown	Pumpig	EC	PH	
1		Time (min)	E .	(m)	Rate(1/min)	(rs/cm)		Notes
۲	(1630	Stapt) 0	42,15					Start
1	<u>`                                    </u>	2	43,50		49.18	2220	^	
ı		4	43.60		48.00	//		
1		6	44,75		47,24	2221		
:		8	45,48		46.51	11		
Ì		10	45,38		45,11	2220		
ł	—— <del>,</del>	12		· · · · · · · · · · · · · · · · · · ·	45,80	"		
		14	46.05 46.37		44,77	11		
		16				"		
		20	46.53	.,	46,87	<u> </u>		
			46.70		47.61		<del></del>	
		25	46.79		45,80	11		
		30	47,98		46,15	··	:	
		35	47.03		45,45	"		
		40	47,12		46.87	"		
		50	47.12		44, 11	11		
	17:20		47,23		44,77			
		70	47.29	<u> </u>	45,11	//		
		80	47,32		45,20			
		90	47,34		"	"	<u> </u>	
	18:20		47,45		17	"	ļ	
	:	150	47,62		,	+ //	<u> </u>	
	M:20	180	47,80		"	11		
	(	Step) Ø					1.57	0
		2108	47,78		44,44	2210		
	20:20		47,60		45.80	11		
:		2706	47,40		1)	- 11	:	
	21:20	3228	47,78		1 11	1/		
		10		•				
	<u> </u>	12						
		14						
		16						
	·,	20						
		25						
		30						
	<b></b>	35		<del> </del>				
		40						
		50	<del> </del>					
		60			-			
	<u></u>	70	-			<u> </u>	l	
	<b></b>	80		<b> </b>		<u> </u>	<del> </del>	
		90				<del> </del>	:	
:		120			<b></b>			
	}	150	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>
	1	190	I .	1	1	I	1	L

| Name of Client | AWKILIZET 2 | Sito No. 103 |
| Depth: 170 m Dia: 260 mm | Screen Interval: 129 m 115 m, 121 m 131 m |
| 142 m 153 m, m m m |
| Static Water Level: GL-22,02 m | Dynamic water Level: GL-43,13 m | Pump Setting: 52,25 m |
| Pumping Rate: (1/min) | Pump Type: OKAM: 70 | Inspector: Submessive Maio pains

L1	Submersiole Moto painp								
	(t)		Water		Pumpig				
Time	Elapsed	1/t	Level	Drawdown	Rate	EC	PH	;	
	Time(min)		(m)	(m)	(t/min)	(ps/cm)	·	Notes	
H	art) 0		22,73					Measacina	
7:00	2	0.50	26,21 .	4,13	39.73	2,240		soferenče	
	4	0.25	29.73	5,70	36,58	4		Foun	
	- 6	0.1666	31,98	9.9	37,26	2,220		over GL.	
	8	0.1250	33,40	11,32	41.09	2210		(riatable	
	10	0,1000	34.67	12,59	40.30	11			
	15	0.0866	36.24	14,16	39,73	17			
	20	0.0500	38.33	16.25	38.46	9			
	25	0.0400	39,30	17.22	"	2170			
	30	0.0333	39.94	17,86	39,21	2110		:	
	40	0.0250	39.45	11,37	38,42				
	50	0.0200	40.61	18.73	39,21	2260			
2:50	60	0.0166	41.05	18,97	39,96	2240			
	70	0.0142	41,19	19,11	39,21	2220			
	80	0.0125	41,38	19,30	38.70	1/			
	90	0.01111	41,44	19.36	11	2210			
9:00	120	0.00833	42,27	20,39	39.73				
	150	0,00666	42,42	20.34					
10:00	180	0.00555	42,52	20,44		"			
	210	0.00476	42,57	20.49		· · · · · · · · · · · · · · · · · · ·			
	240	0.00416	42,66	20,58					
12:00	300	0.00333	42,70	20,62			· · · · · ·		
	360	0.00277	42,74	20,66		22,0	-		
14:00	420	0.00238	43,44			1/.	<u> </u>		
	480	0.00208	43,55	21,47			<del> </del>		
16:00	540	0,00185	43,70	21,62	"	2219			
	600	0.00166	43,52	21,44	40.00				
18:07	660	0.00151	43.53	21,45	39.73				
	720	0.00138	43,53			"			
20:00	780	0.00128	43,54	21,46		2210			
	840	0.00119	43.60	71.52		E .	<u> </u>		
22:02	900	0.00111	43,62	21,54		17:	i		
	960	0.00104	43,62		п	11			
24:00	1020	0.00098	43,62	"	"	"		<del></del>	
- :	1080	0.00092	43,67	21,59	1/4	4		<u> </u>	
2:00	1140	0.00083	43.69	21.59	39.73	11	1	l	
	1200	0.00083	43.71	21,63	"	"	ļ		
4:00	1260	0.00079	43,75	21,70	40.54	"	l		
	1320	0.00075	43,80	21,72	39.73			:	
6:120	1380	0.00072	43,82		4000		1		
1:00	1440(24h)		43,83	21,75	3473		1		

Name of Client ANKILIZATO

Depth: 170.15 m Dia: 260 mm Screen Interval: 109 m~ 115 m, 121 m~ 130 m

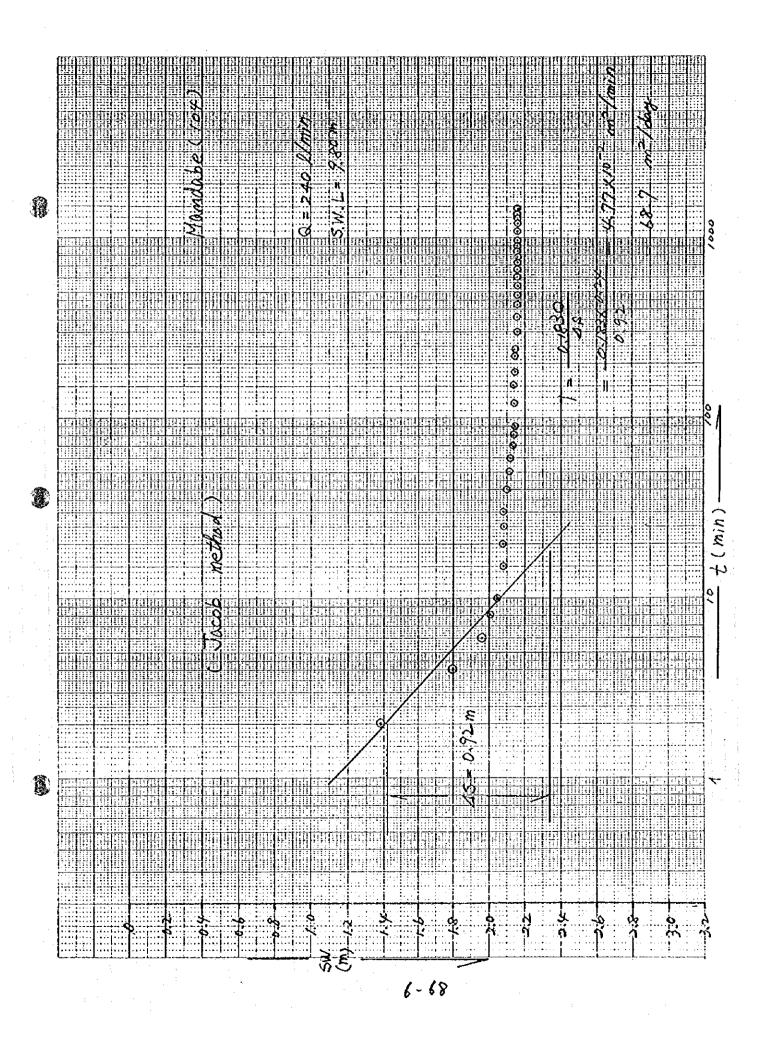
1112 m~ 163 m, m~ m

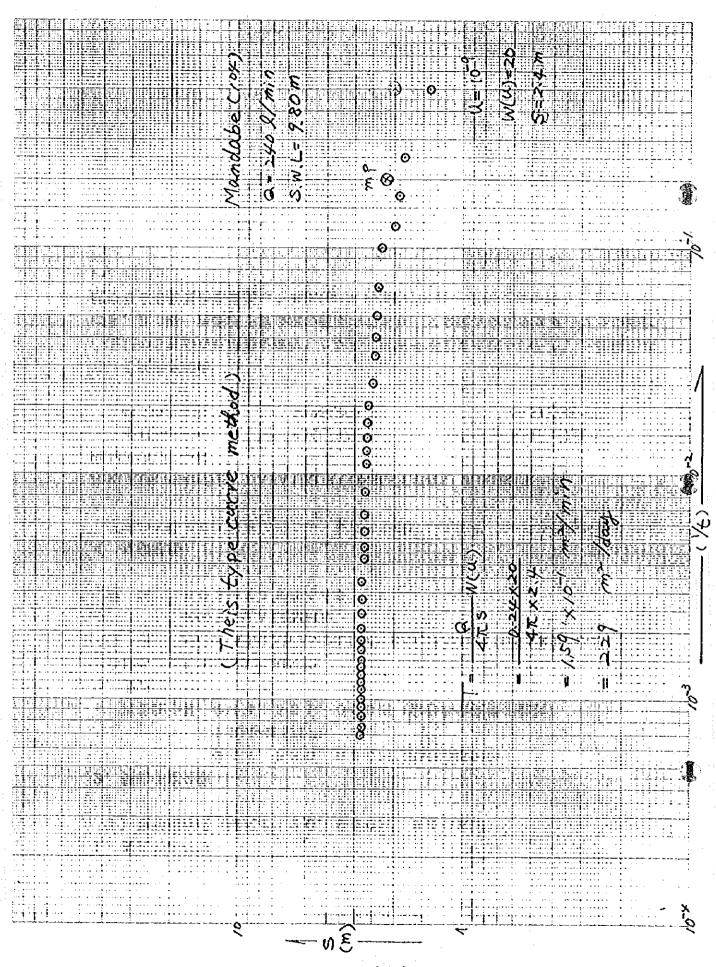
Static Water Level: GL-22.08 m Dynamic water Level: GL-43.13 m Pump Setting: 52.25 m

Pumping Rate: (1/min) Pump Type: OKAho To Pun2 Inspector:

- 1	Time (t')	Time (t)	Ratio	(s)	(s´)	
Fime	Since Recovery	Since Pumping	:	Water Level	Residual	Notes
	Started (min)	Started(min)	t/t´	(m)	Draedown(m)	
1:06	0	1440		43.13		Measuring
	1	AUUI	1441	42.80	20.72	references
	2	14/2	7.21	39.02	16.94	form
	4	1444	361	37.72	15.64	over G.L
	6	1446	241	35.35	13.27	( Rig table
	8	1449	181	32.35	10.27	0
•	10	1450	145	31.27	9.19	
	12	1452	121	30.27	8.39	
	14	1454	104	28. 4/	6.83	
	16	1456	91	28.29	6.21	
	18	1458	81	27. TV	5.86	
	20	1460	73	27.35	5.29	
	25	1465	586	26.43	14.35	
	30	1470	49	25.90	3.82	
	35	1475	42.1	25.43	3.35	
	40	1480	37	25.16	3.08	
;	50	luan	29,8		2.12	
8;50	60	1500	25	24.36	2.28	
	70	1510	21.6	24.12	2.0y	
	80	1500	19	24.01	1.93	
	90	1530	17	23.90	1.82	
	100	1540	15.4	23.83	1.75	
	120(2h)	1560	13	23.72	1.64	<u> </u>
	150	1590	10.6	23.46	1.38	
10:00		16.20	9	23.42	1.34	
10:00	210	1650	7.86	23.37	1.29	<del>- </del>
	240(4h)	1680	7.00	23.30		
14:10	<del></del>	<del></del>	7.8	23.22	1.14	<del></del>
34 -00	360(5h)	1740				
17	·	1800	5.0	23.75	1.07	
14:00		1860	4.43	23.08		
	480(8h)	1920	4	23.05	0.97	
/ <b>(:</b> 09		1980	3.67		0.94	-
	600(10h)		3.40	22.99	0.91	
1970			3	22. 98	0.90	
<u>11:10</u>			2.71		0.77	_
53. W			2,50		_ }	
3:10			2.20		0.76	-
7:00	1440 (24h)	7888	2	22.835	0.755	<b>-</b>
i	1	· [	1		1	

(<del>'</del>§)





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Time	Elapsed	Water	Drawdown	Pumpig	EC	PH	
	Time(min)	Level (m)	(m)	Rate(1/min)	(øs/cm)		Notes
(3rd	Step ) 0	12.61	2.81				Stärt
	2	12.74	2.97	200	0.257	6.27	P: HKpa
	4	12.76	2.9b		0.245		<b>V</b>
	6	12.765	2.965		0.254	6,19	
	8	12.77	2.91		0.255		4 · · · ·
	10	12 83	3.03		0.254	6.19	
	12	12.75	2.95	;	0.255		
	14	12.78	2.98		0.256	6.24	
	16	12.89	3.09		0.256	6.24	
	20	12.88	3.08	1	0.255		
	25	12.87	3.07		0.255		
	30	12.91	3.11		0. 262	6.23	: '
	35	12.88	3.08	:	0.255		
L	40	12.91	3. 11	<u> </u>	0.255		
	50	12.97	3.07		0.256	6.30	
ļ	60	12.90	3.10		0.255	1	
ļ	70	12.92	3.12		0.264	1.21	
,	80	12.89	3.09		0.257	6.29	
	90	12.88	3.08		0.257	6.38	
]	120	12.88	3.08		0.2,57	6.38	T
L	150	12.88	3.08	<u> </u>	0.257	6.35	
1 1	and the second	* * * * * * * * * * * * * * * * * * *					

2.1.1	1.11	<u> </u>					
(	Step) 0	12.88	3.08	240	0.257	6.35	P: 2Kpa
	2	13.10	3.30	1 8 7	0.255	619	
	4	13.18	3.38		0.254	6.19	
	6	13.15	3.35		0.252	6.14	
	8	13.19	3.39		0.254	6.19	
	10	13.18	3.38		0.255	6.18	
	12	13.18	3.31		0.256	6.18	
	14	13.20	3.40		0.256	6.19	1.
	16	13.20	3.40		0.256	6.20	
	20	13.18	3.38		0.256	6.20	
	25	13.16	3.36		0.257	6.24	
	30	13.20	3.40		0.257	6.30	
	35	13.17	3.37		0.257	6.31	
	40	13.14	3.34		0.257	6.32	
	50	13.15	3.35		0.528	6.38	. :
	60	13.13	3.33		0.258	6.31	
	70	13.14	3.34		0255	6.45	
	80	13.15	3.35		0.257	6.49	
	90	13.145	3.345		0.257	6.49	
	120	13.15	3.35		0.25}	bug	
	150	13.15	3.35		0.256	6.47	
			· · · · · · · · · · · · · · · · · · ·				

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Name of Client	MAND,	ABE			Sito No.	106	
Depth: 103 m Dia:	250	mm Screen	Interval: /2				<b>5</b> m
e e	•		<u> </u>	m~		n~	П
Static Water Level: GL-	7.80 m	Dynamic wate	er Level:GL-	m	Pump Se	tting: 40.2	25 m
Pumping Rate:	(1/mi	n) Pumn Tyr	ne://Kanaza		enector:		

Time	Elapsed	Water	Drawdown	Pumpig	EC	PH	<u> </u>
	Time(min)	Level (m)	(n)	Rate(1/min)	(rs/cm)		Notes
(1,3)	Step > 0	09.80					Start
	2	1130	1.5	140	0.402	654	2.5.5 Km
	4	12.20	2.4	•	0.398	6.37	
	6	12.23	2.43	**	0.389	6.35	
	8	12.25	2.45	••	0.388	6.42	
	10	12.27	2.67		0.364	6.37	
	12	12.29	2.49	٠,	0.340	6.36	
	14	12.30	2.50	Fg .	1.347	6.33	
	16	12.32	2.52	1.	0.336	6.41	
	20	"	11.	,	0.3/9	6.35	
	25	12.33	2.53		0.213	649	
	30	9		e,	0.289		
	35	12.33	<b>F</b> •		2.268	6.43	
	40	12 34	2.54		0269	6.38	:
	50	12.36	2.56	**	0249	6.44	
	60				0.235	6.38	
	70	12.37	2.57	17	0,231	6.33	
	80	<b>#</b> 2	4	n	0.228	6.15	
	90	12.38	2.58	84	0.233	6.11	
	120	24	t.	••-	0.247	6.09	
	150	h <sub>1</sub>	11	ls ;	0.236	4.26	

			to or a firm and a			l ,	* *
(5,0	Step) 0	12.38					
	2	12.48	2.68	170	0.252	6.34	P:45 Kpa
	4	12.53	2.73	:	1.24	6.32	
	6	12.54	2.74		0.249	6.26	
	8	12.62	2.82		0.247	6.25	
	10	12.60	2.80		0,250	6,50	
	12	1,	••		0.249	6.46	
	14	12.61	281		2.250	6.49	
	16	12.63	2.83		0.212	6.20	
	20	12.62	2.82		0.200	6.17	
	25	12,63	2.83		0.552	6.21	
	30	r	"		0.249	6.23	
·	35	12.65	2.82	<u> </u>	0.257	6.26	
	40	12.63	2.83		0.252	6.30	
	50	12.62	2.82		11	6.39	
	60	· H	• • •		0.253	6.27	
	70	12.63	1.83		0.255	6.42	
	80	12,60	220		0.48	6.35	
	90	13,61	2.81		0.257	6.23	
	120	¥			0.259	6.28	
	150	,	ji i		0.258	625	

Name of Client	MANDABE		Sito	No. 106	
	Dia: 250 nm	Screen Interval: /2			37 m
				m, m~	m
Static Water Level	:GL- 9.80 m Dyna	mic water Level:GL-	m Pu	mp Setting:	m
Pumping Rate: 2	240 (1/min)	Pump Type: OKAHOTO	PUNP Inspec	tor:	

								<del></del>
	(t)		Water		Pumpig			
Time	Elapsed	1/t	Level	Drawdown	Rate	EC	PH	
	Time (min)		(m)	(m)	(1/min)	(rs/cm)		Notes
(S	(Start) 0		9.80					
	2	0.50	11.18	1.38.	246	0.572		P:21/pa
	4	0.25	M.60	1.80		0.570		
	8	0.1666	11.68	1.88		11		
	8	0.1250	11.86	2.06		31		
	10	0.1000	12.04	2.24				
	15	0.0666	12.16	2.36		0.571		
	20	0.0500	12.21	2.51		0.572		
	25	0.0400	12.22	2.42	·-··········	0.569		
	30	0.0333	12.225	2,425		0.562		
	40	0.0250	12.30	2.50		0.550		
	50	0,0200	12.40	2.60		0.531		
	60	0.0166	12.41	2.61		0.523		
	70	0.0142	12.06	2,66		0.495		
	80	0.0125	12.46	į.		0.483		
	30	0.01111	12.48	2.68		0,475		
-	120	0.00833	12.52	2.72		0.466		
	150	0.00666	15.49	2.69	,	0.491		:
	180	0.00555	12.53	2.73		0.366		
	210	0.00476	12.52	2.72		0.347		
	240	0.00416	12.53	2.73		0.338		
:	300	0.00333	12.59	2.79		0.331		
	360	0.00277	12.50	2.80		0.327		
ļ	420	0.00238	"	-		0.324	_ :	<del></del>
	480	0.00208	12,61	2.81		u		
	540	0.00185	12.69	2,29		0.381		· · · · · · · · · · · · · · · · · · ·
	600	0.00166	12.59	2.79		0.325		
	660	0,00151	1.	1,		0.332	:	
	720	0.00138	12.60	2.80		0,334		
	780	0.00128	1	ч		n		<del></del>
	840	0.00119	и	tı		0.338		
	900	0.00111	12.61	2.81		0.329		
	960	0.00104	12.61	2.81				
}	1020	0,00098	P	3		0.328		
	1080	0.00092	12.62	282		0.319	Volve	full open
	1140	0.00083	12.61	2.81		0.327	Q : 32	
	1200	0.00083	12.12	2.82		0.319	DWI.	
	1260	0.00079	К	24		0.328		
	1320	0.00075	11	- 11		0.327	1	
	1380	0.00072	12.63	2.93		0.321		
	1440(24h	0.00069	ži.	2.83		,		
t			<del></del>		-1	<u> </u>	<b></b>	·