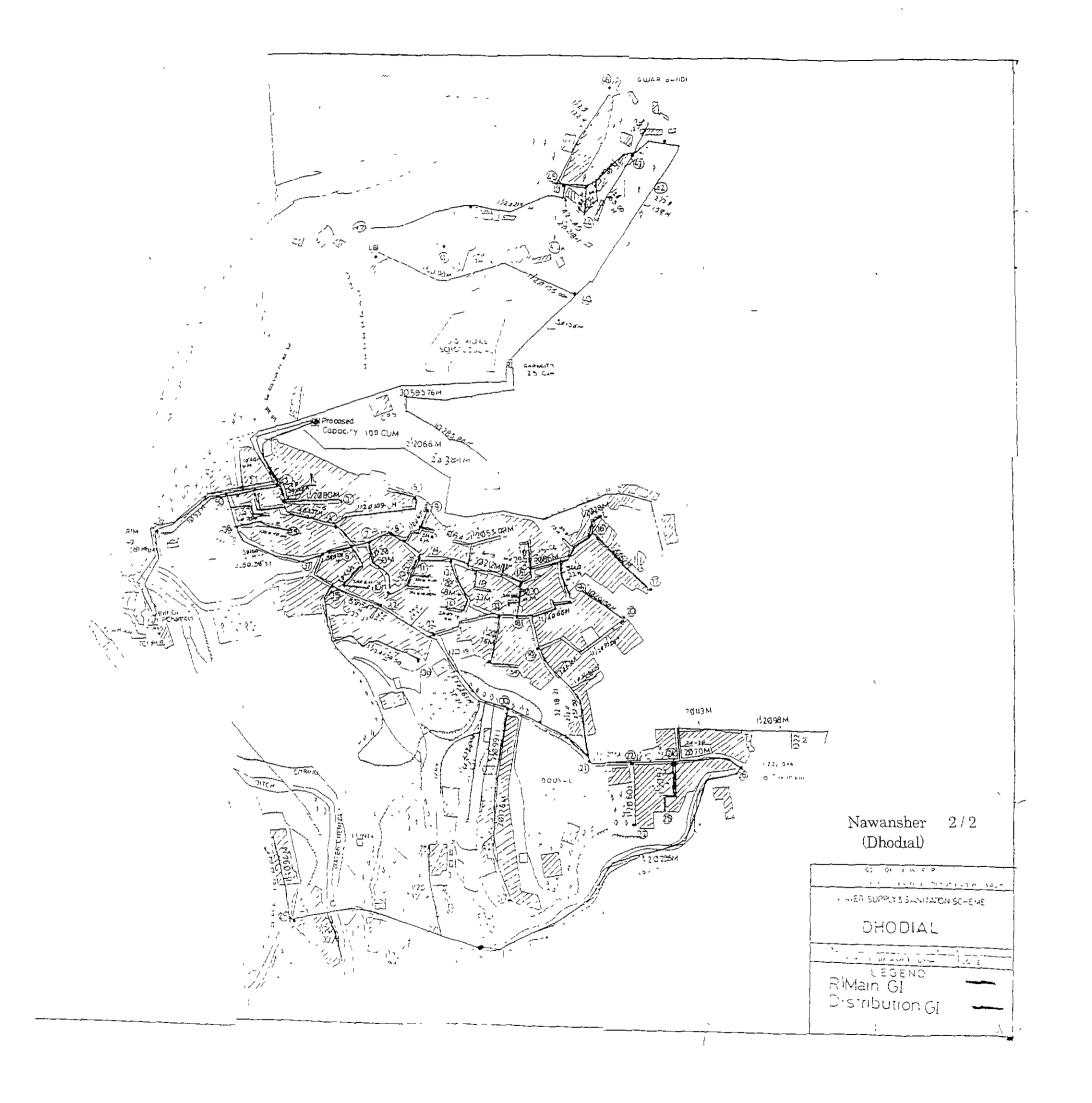


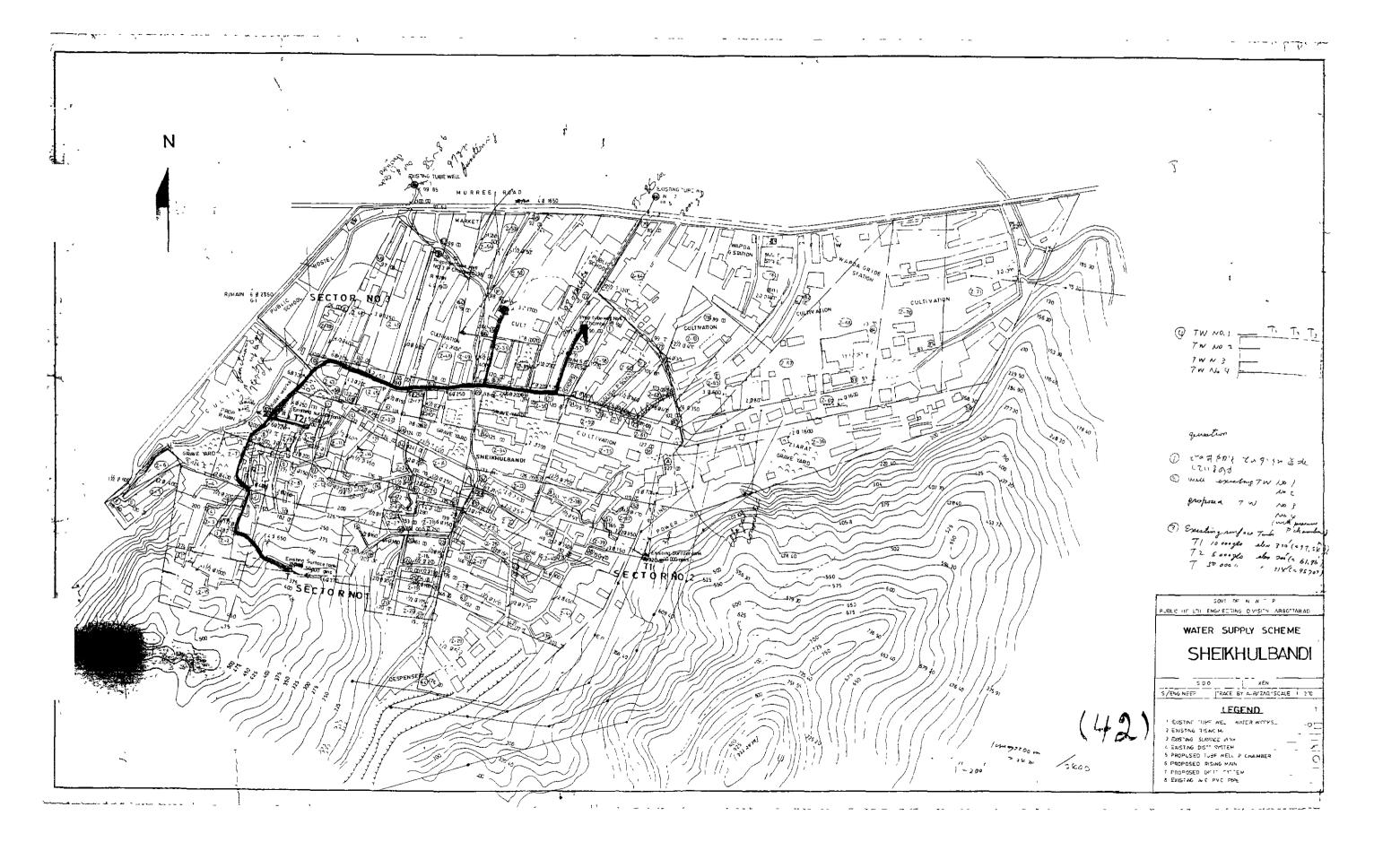
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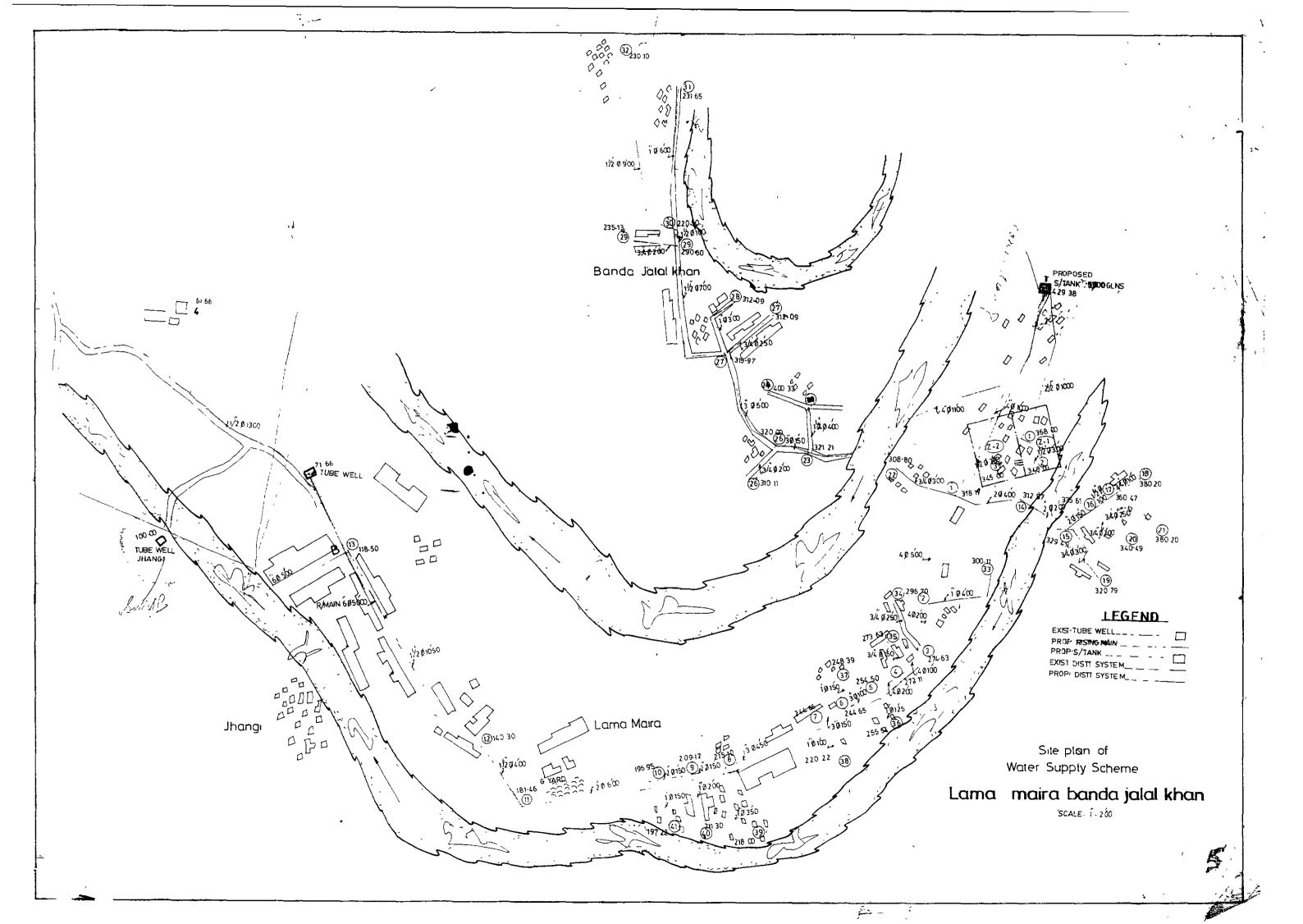


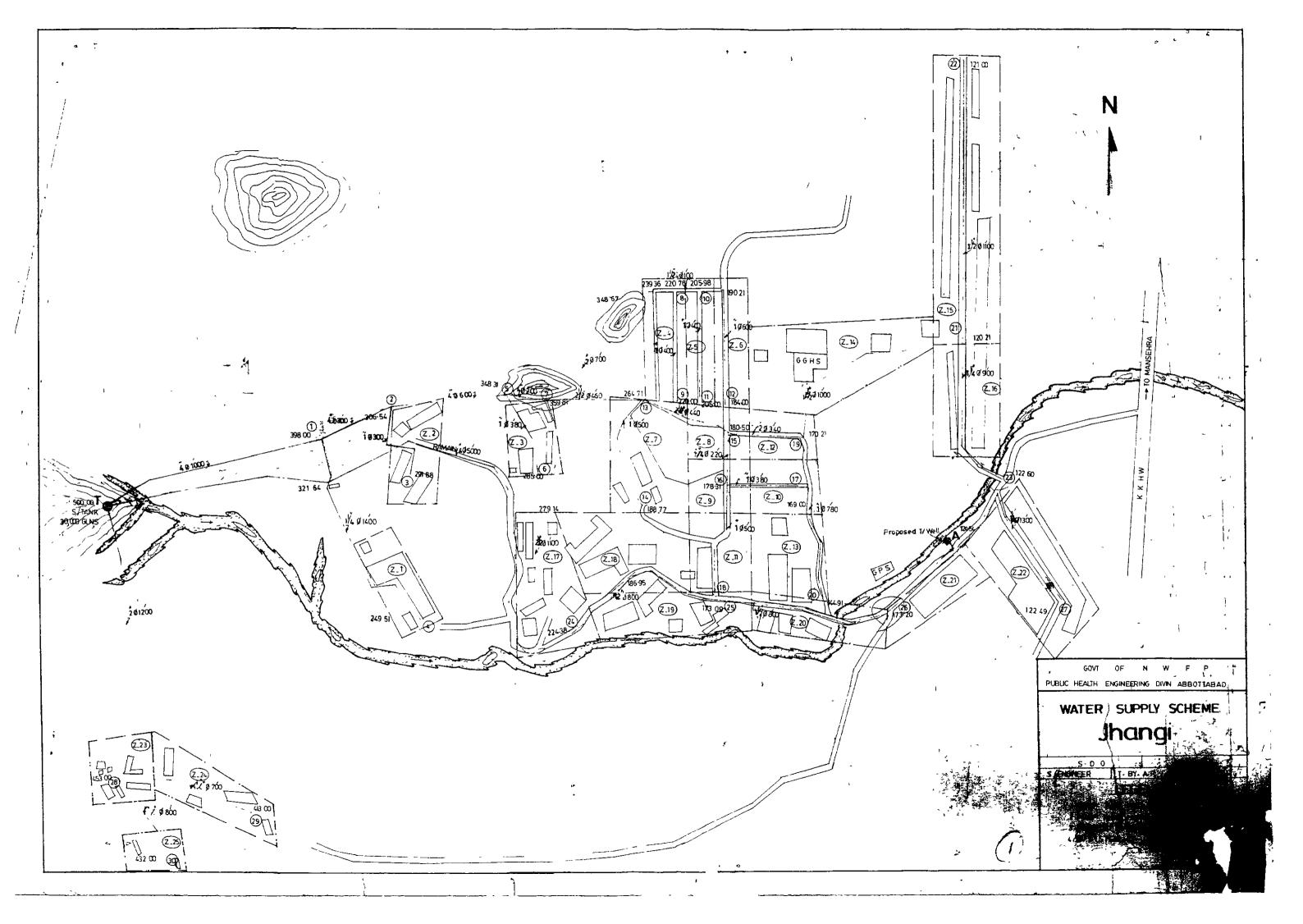
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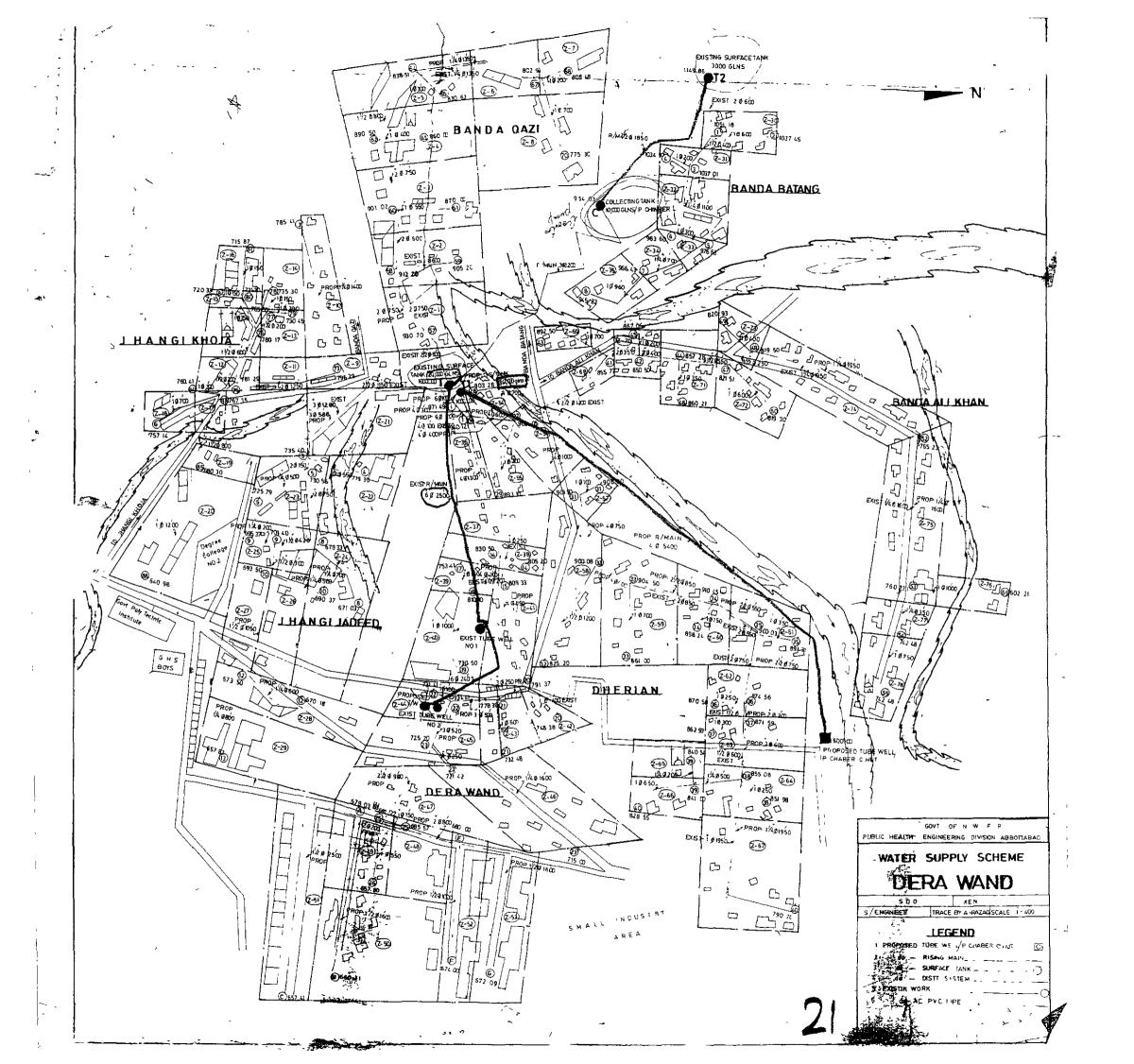
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	IRMINIANO, MATER SUPPLY AND SAMITATION MEASURES PHASE -III	7
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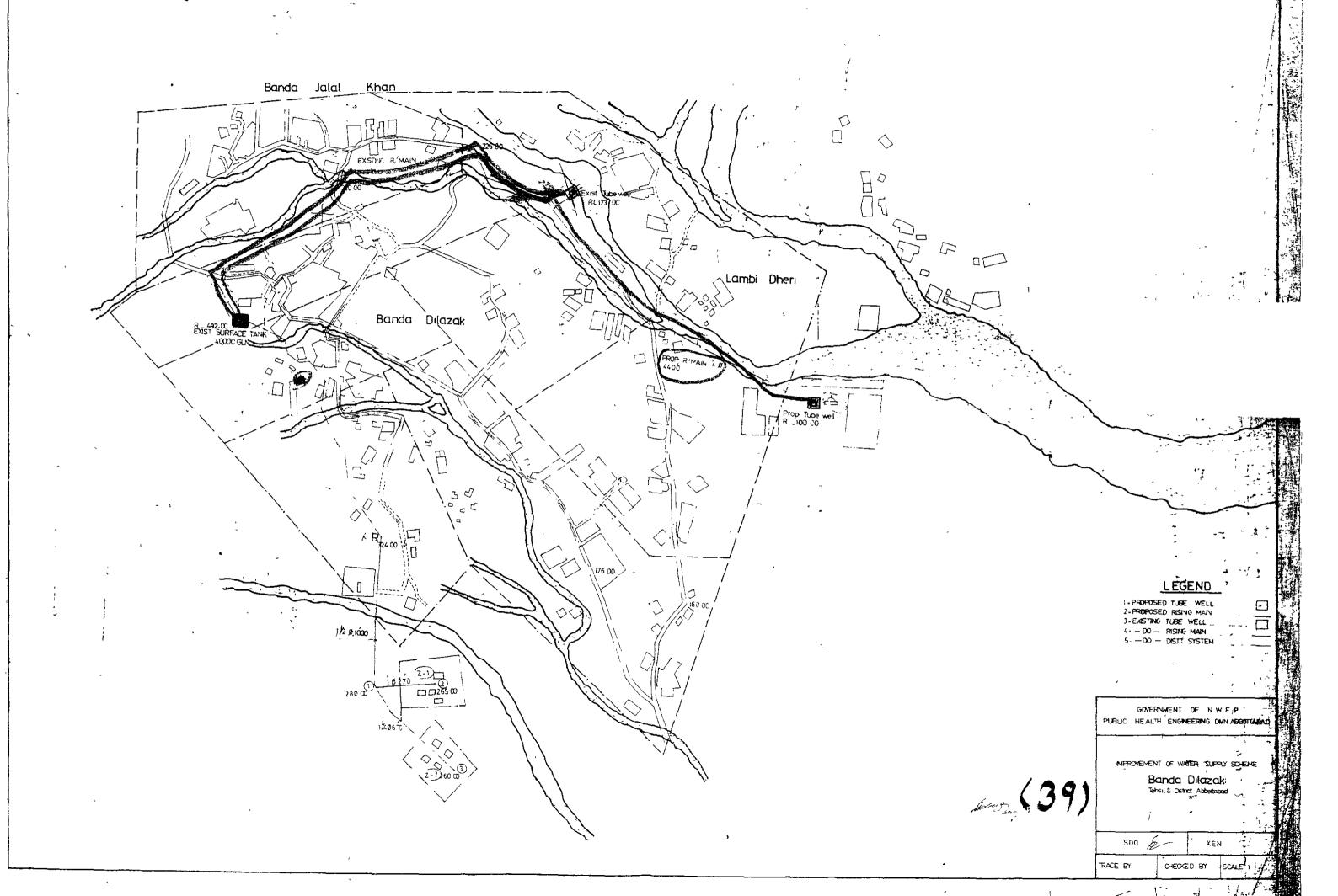


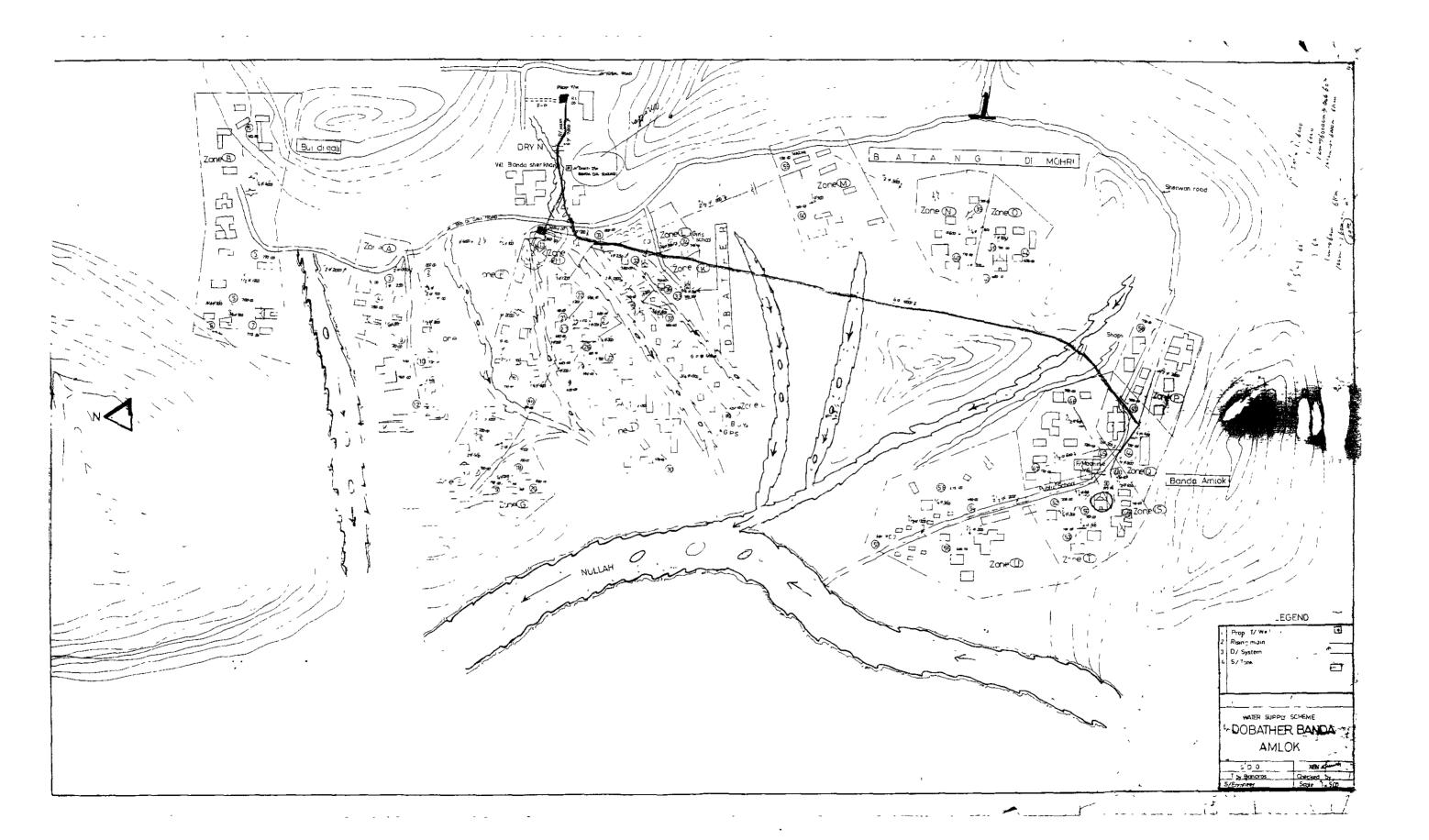


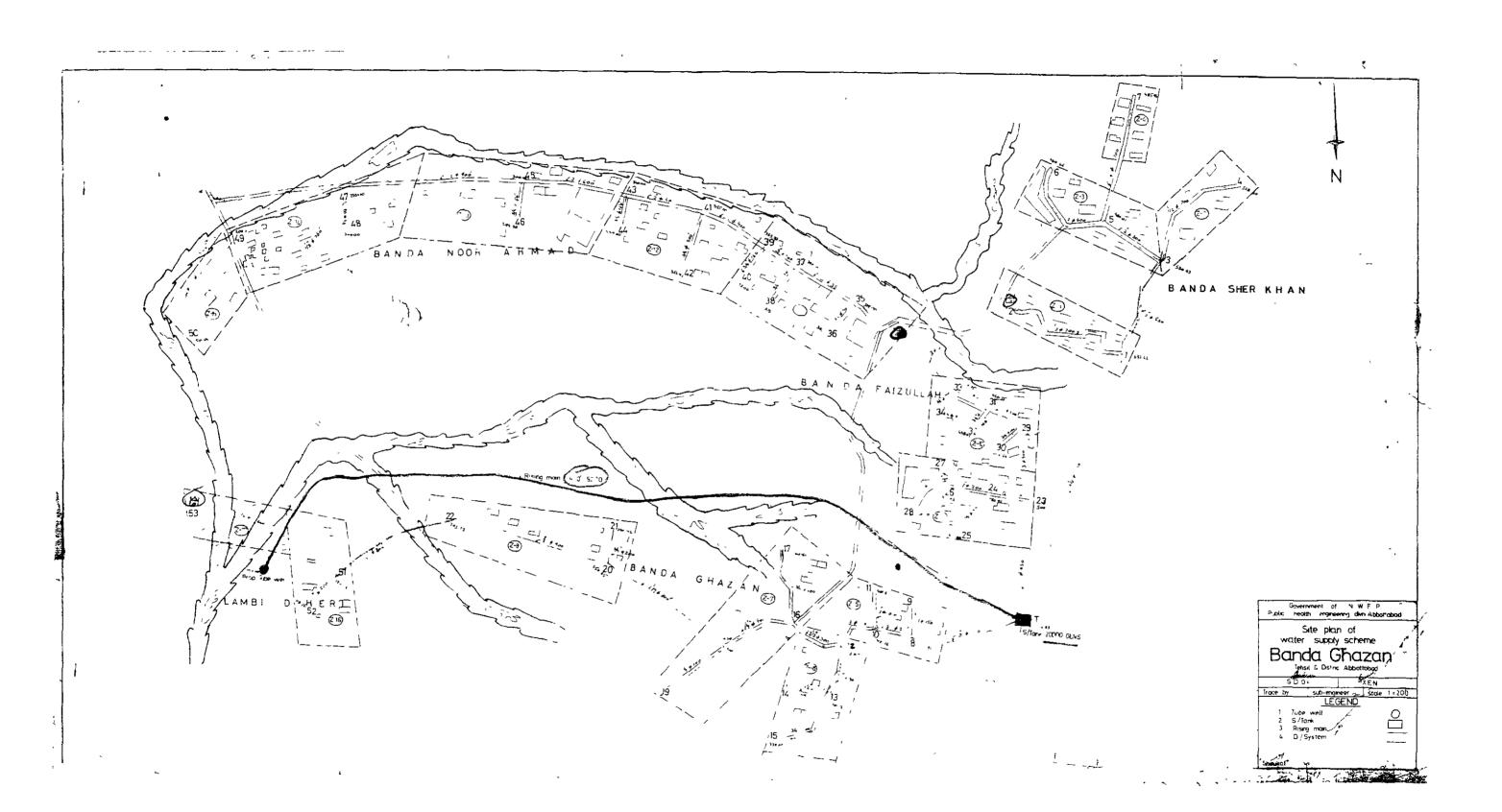


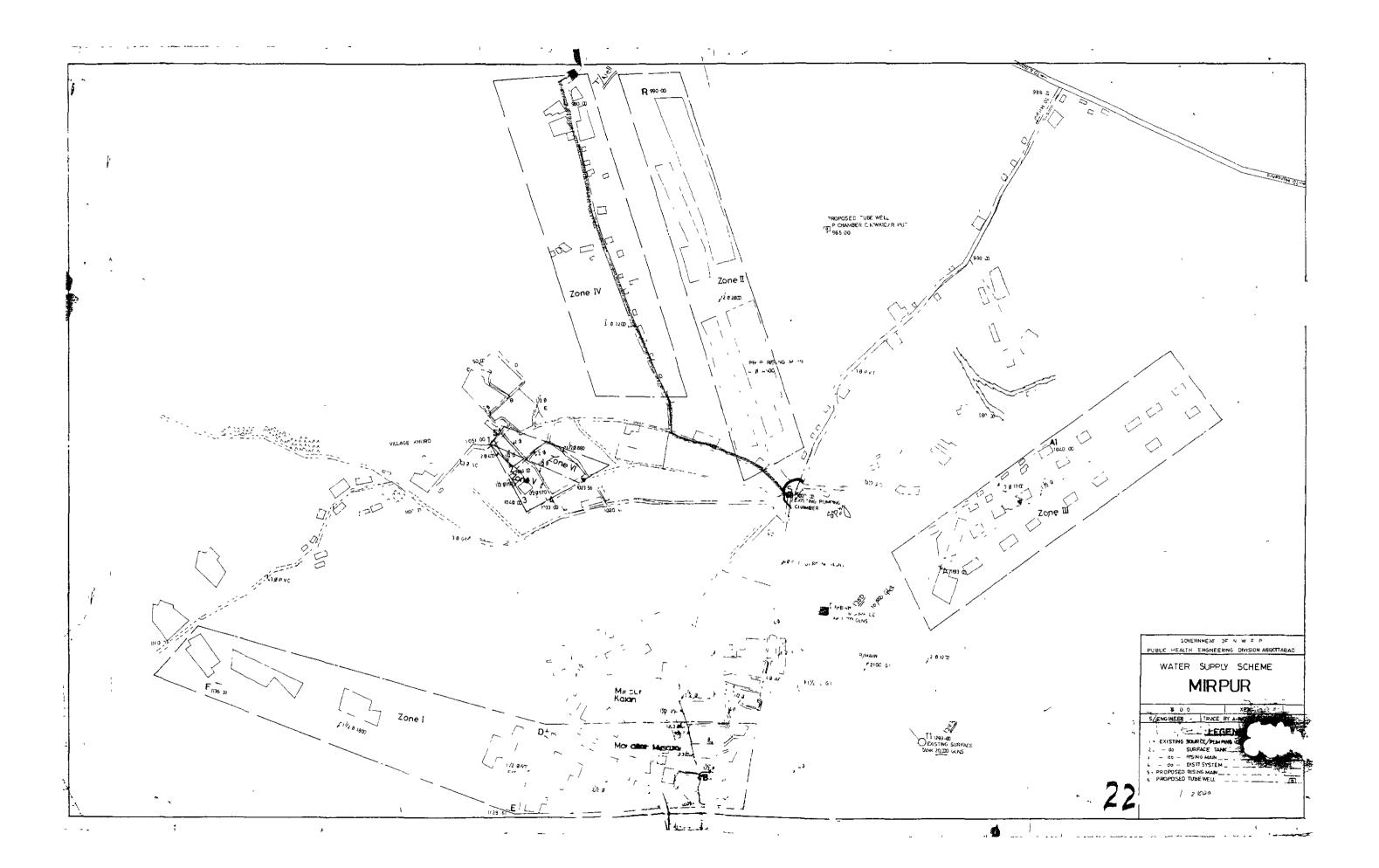


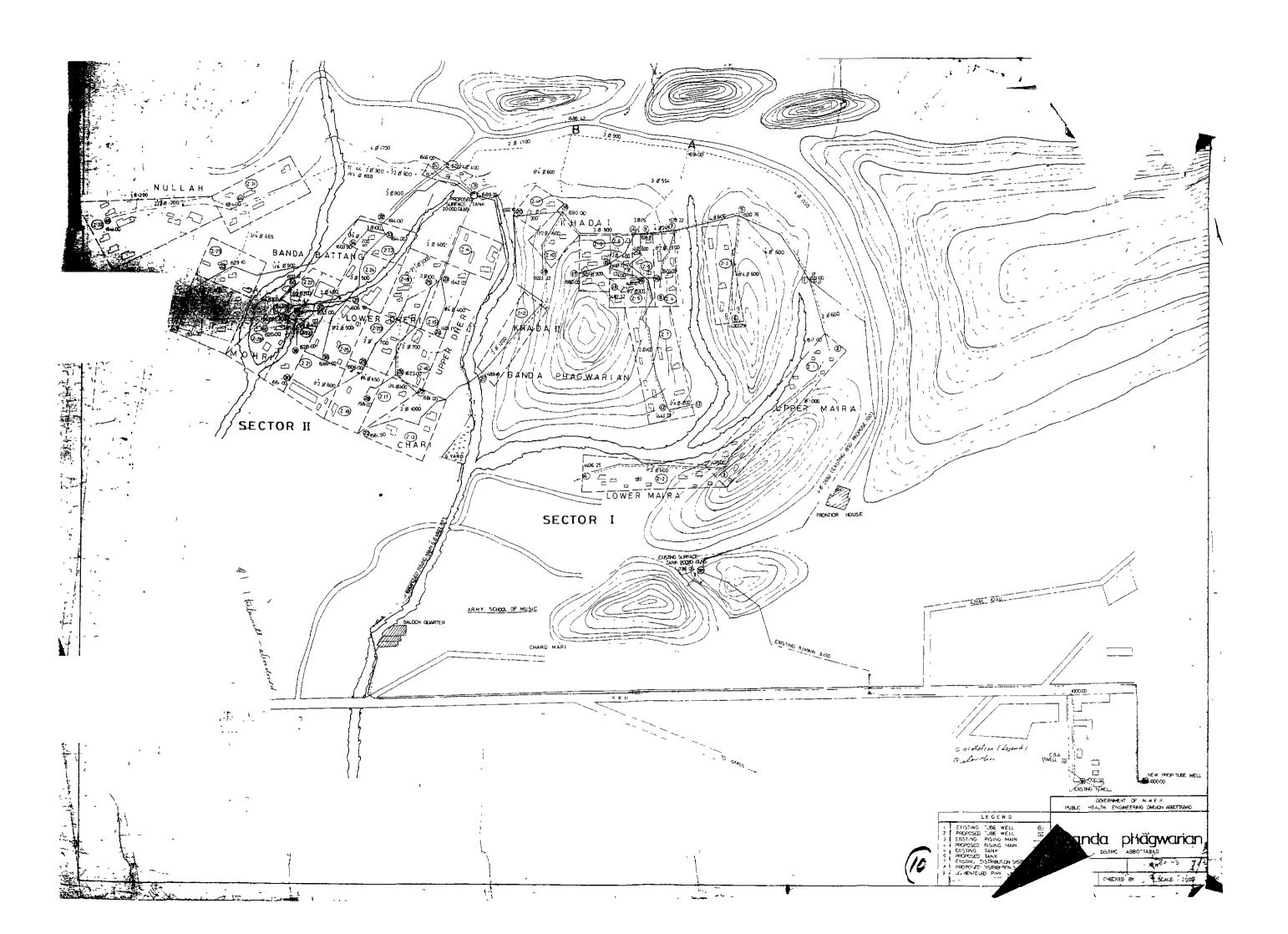


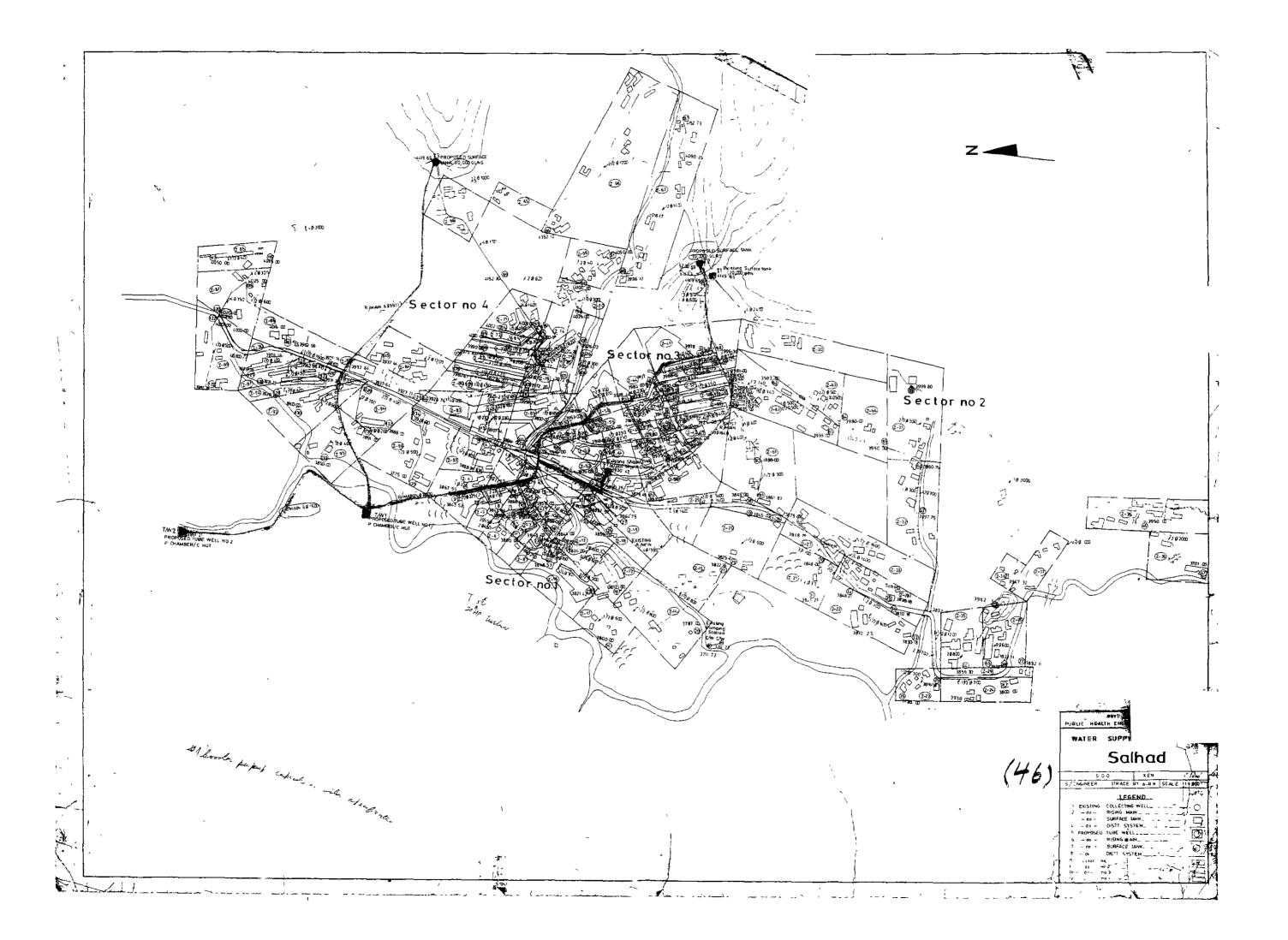












参考資料 3. 既存井戸台帳

General												
Unit	TMA]	Well Numi	er :		No.1			
Area Name	Stoney Jheel (Jheel me	ans lake)]	Coordinat	e (UTM)		Longe	0.00		EOCUGE .
Altitude of Top of Well (AMSL, m)]	Altitude o	f Ground Su	rfave (AMSL,				
Well Completion Date	1964]	Well Statu	18		Working			
Total Depth (ft)	No Data]	Diameter o	f the Top Ce	sing. (inch)	12			
Min. Dis. of the Casing (inch)	6"		-]	Well Owne	rship		TMA			
Well Owner's Name	ТМА]	Drilled by			PHED			
Static Water Level	2'-5' Sunat	Clare	- }	Dynamic Water Level			No Data 90'			THE STATE OF THE S		
(hearing) Draw-down (hearing)	No Data		20°	сия	1	(hearing)			Mar III and			
			20			_	Stopper De	•	Not install	• 0		
Specific Yield (I/sec/m)	No Data			, <u>.</u>		Tranomice	rvity (if avail	able)	No Data			
Aquifer No Data	Name	irom (m)	to (m)	Artseian	Litho, Code	Aquifor Ago	Hydreulic Media	Aquifer Type	Thickness (m)	1		
NO Data									ļ	1		
										}		
										1		
										1		
W-# C	Bara	<u> </u>		<u> </u>	<u> </u>				<u> </u>	J 		
Well Completion Date	1984						Date (il abs		Working			
Remarks	Threre are 17 t (MES). It is said future well consideclination of ti- depth (160'). Bu	that about truction. se ground	ut 75% of t According Water leve	the Abotta to the we i. Watchm	bad area ie il watchme: en also saic	occupied b n, the probk that after	y the Militar em oh the w 6 hours pum	y Therefore rell is the re- ping the lev	i, very limite duction of the el is lowred	d areas he disch to the p	are remais arge becau	ned for the
Casing/Screen Condition												
Casing Type	Steel			1		Screen Ty	p e		Brass, Slot	ted		
Screen Perforation Rate (%)	No Data			}								
Screen Set Depth No Data	From to											
Remarks												
												1
D	<u></u>											
Pump Condition	(- 1, - 1, - 1, - 1, - 1, - 1, - 1, - 1,	ж.										
Pump Type	Turbine (Vertica	10				installetion	Depth	:	160			
Manifacturer	KSB					Year of Me	de		1971			
Pump Diameter	6"					Riser Pipe I	Diameter		6			
Lift Height in Spec (ft)	190′					Lift Height	in Working (i	H)	90' (dynami	o water	L. from th	e hearing)
Discharge in Spec (lit/sec)	32					Discharge i	n Working (li	t/sec)	13 (hearing)			
RPM	1450					Lift Height	to the eleva	ted Tank	Water Tank Jinnah Tani			km apert
Working Hours per Day	14					Worlang Da	ya per Yezr	l	11months t	о 11.5 п	onths	
Total Daily Discharge (m3/day)	No Data	655	ee x			Total Annua	al Discharge	(m3/year)	No Data		220,000	HAIR
Remarks	Repaired in 1997 specification, it i information shou	s not pos	aible to lift	the groun	odwater in c							
Motor Condition												
Manufacturer	SIEMENS					Year of Mac	ie	j	1994			
Motor Capacity	390V, 70A					Electricity (Comsump. P	er m3				
RPM	1470					Horse Powe	ır	i	50			
Remarks												
restriction (New York)												

General													
Unit	TMA]	Well Numb	per		No,2				
Area Name	Stoney Jheel (Jheel me	ans lake)]	Coordinat	e (UTM)		Long	ruide		AVITUALS	
Altitude of Top of Well (AMSL m)]	Altitude o	f Ground Su	rfeve (AMSL	,				\equiv
Well Completion Date	1997]	Well Statu	18		Abandone	4			
Total Depth	290']	Diameter o	f the Top Ca	sing.	10"				
Min. Dia. of the Casing	10		•]	Well Owne	rship		TMA				\Box
Well Owner's Name	ТМА]	Druled by			ADB				J
Static Water Level	Sturting Artesian	·		andoned	1	D			Start	ing		abandoned	
(hearing)	Startin	·	No Data	Andoned	<u>]</u> 7	Oynamic Y (hearing)	Vater Level		₹56′	-	>100° (h	earing)	
Draw-down (hearing)	56		No Date		j	Automatic	Stopper De	pth	Not Install	ed			
Specific Yield (I/sec/m)	No Data				i	Transmiss	ivity (If avai	able)	No Data				
Aquifer	Name	from (m)	to (m)	Artesian	Litho Code	Aquiler Age	Hydraulic Media	Aquifer Type	Thickness (m)]			
No Data Log Avaiulable									1	}			
										}			
									1	1			
									ļ	1			
Well Completion Date	1997				1	Wall Olai	D-4- 04 -1	^	2001	J			,
Remarks	<u> </u>		h		dl s		Date (if abs	-					_
	Abandoned bed monitoring, Only	y 35m ap	art from W	eli No.1	. Declination	L But no co	ncrete confi	dence This	well must b	e used 1	or ground	Water	
Casing/Screen Condition				_									
Casing Type	Steel			l		Screen Ty	pe		Brass, Slot	ted			
Screen Perforation Rate (%)	No Data			1									
Screen Set Depth Log Available	From to						-				<u> </u>		
Remarks	The pump and n	notor mu	st be remo	wed for the	e groundwe	ter observa	tion.						_
Pump Condition						4.							
Pump Type	Turbine (Vertice	0				installation	Depth		100'				\neg
Manifacturer	KSB					Year of Ma	de		1997				_
Pump Diameter	4"		\equiv	· 		Riser Pipe			4				
Lift Height in Spec.	306'			· 		Lift Height			>100° (dyna	mic wat	er L from	the hear	rini
Discharge in Spec (lit/sec)	22 (0 /5cusec)			•			n Working (i		0 4~0.5 (he				
RPM	1450						to the eleva		Water Tank		ty Center	Bkm apart	
Working Hours per Day	10					_	ys per Year		Jinnah Teni 11months t	c Height	: 150'		
Total Daily Discharge (m3/day)	Starting No Data	at Abo	ndoned			Total Annu	al Discharge	(m3/veer)	Sturtin No Data	•	at At 4 . 700	ondoned	Д
Remarks								Januar Jamas)				., 500	_
PATIONICAL TOP													
Motor Condition													
Manifacturer	SIEMENS					Year of Mad	ie	1	1994				
Motor Capacity	380V, 70A					Electricity (Comsump. P	er m3					
RPM	1470					Horse Powe)r		50				
Remarks													$\overline{}$

General												
Unit	TMA]	Well Numb	er		No.3			
Area Name	Stoney Jhael (.	ihaal ma	ene lukel		7	0	AITIN		Longit	ude	La	itude
Altitude of Top of Well (AMSL, m)	(Class) Class (] 1	Coordinate						
Well Completion Date	1997				1			rfave (AMSL,	Working			
Total Depth	333				1	Well Statu					•	
·	10"				}		the Top Car	sing.	10"			
Min. Dia. of the Casing					<u>;</u>	Well Owne	rahip		TMA			
Well Owner's Name	TMA SULTE		PIE		! •	Drided by			ADB			
Static Water Level (hearing)	10" (hearing)		80'(hearing	5	1	Dynamic Y (hearing)	fater Level		No Data	OR	100 thea	ing)
Draw-down (hearing)	No Data		20' (hearin	E C		_	Stopper De	pth	Not installe	ıd		
Specific Yield (L/sec/m)	No Data			· · · · · ·	l	Transmissi	ivity (if avail	abie)	No Data			
Aquifer	Name	from (m)	to (m)	Artesian	Litho, Code	Aquitor Age	Hydraulio	Aquifer Type	Thickness	l		
No Data No Data							Media		(6)	f		
NO DELE			·									
									_			
					L				<u> </u>	ļ ———		
Well Completion Date	1997				İ		Date (if she	•	Working			
Remarks	According to the confidence Only				re has been	reduced be	cause of th	e groundwat	er level dec	lination.	But no co	screte
	8) 5 :											
Casing/Screen Condition Casing Type	Steel			1		o z .			Brass, Sloti	7-2		
				l :		Screen Typ	70		Diase, Giot			
Screen Perforation Rate (3)	No Data											
Screen Set Depth No Data	From to											
Remarks												
								·				
Pump Condition												
Ритр Туре	Turbine (Vertice	D.				installation	Depth		120			
Manifacturer	KSB					Year of Ma	de		1997			
Pump Diameter	4"					Riser Pipe i	Diameter		4"			
Lift Height in Spec.	306					Lift Height	In Working		100 (dynam	io wate	r L. from th	e hearing)
Discharge in Spec. (lit/sec)	22 (0.75cusec)					Discharge i	n Working (i	it/sec)	0.5 (400galo	n/hour,	hearing)	
RPM	1450	•				Lift Height	to the eleve	ted Tank	Water Tank Jinnah Tani			on apert
Working Hours per Day	10					Working De	ye per Year	1	11months to			
-	Starting	Pre	neent .						Startin		Pres	ient
Total Daily Discharge (m3/day)		18				Total Annu	al Discharge	(m3/year)	No Data		6,000	
Remarks	Present discharg	re and di	ew-down s	ure too em	all caomaps	red with th	e specificat	ion of the pu	нтр			
											·	
Motor Condition												
Manifacturer	SIEMENS					Year of Mad	je	1	1996			·
Motor Capacity	380V, 70A					Electricity (Comeump. P	er m3				
RPM	1470					Horse Pow	er	i	50			
Remarks												

General												
Unit	ТМА		:		7	Well Numb	er		No.4			
Ares Name	Stoney Jheel (lheel me	ane lake)		1	Cd	45716		Longi	ude	La	ttude
Altitude of Top of Well (AMSL, m)	Cisio, Cisci C	311001 111E			,]	Coordinate		(A.S.C.)				
Well Completion Date	1997]]	Well Status		rfave (AMSL,	Working	-		
Total Depth	330'			-	, 1		the Top Car	hing.	10"			
Min Dia. of the Gasing	10"				, T	Well Owne	,	on 16	TMA			
Well Owner's Name	ТМА				; 1	Dniled by			ADB			
Charles Michael Laured	Stellan.	1	Drived by			Startone Prosent						
Static Water Level (hearing)	Arteaun 80'(hearing)				l	Oynamic Vi (hearing)	iater Level		No Data		80' (heari	ng)
Draw-down (hearing)	No Data		20 (hearin			Automatic	Stopper De	pth	Not Instalk	d		•
Specific Yield (I/sec/m)	No Data					Transmissi	vity (if avail	able)	No Data			
Aquiter	Name	from (ft)	to (ft)	Artesian	Lithe. Code	Aquifor Age	Hydraulic _Media	Aquifer Type	Thickness (ft)]		
	Gravel	41 58		Artesian	Gr	Q	Porous	Semi- Confined	5 18	4		
		101 124	106 138						5 14			
		142 206	164 273						22 67	Ī		
		315	321						6			
Well Completion Date	1997					Well Close	Date (if aba	ndoned)	Working			
Remarks	According to th	e well we	itchmen, th	e discharg	e has been	reduced be	cause of th	e groundwat	ter level dec	ination	But no co	ncrete
Casing/Screen Condition	confidence it is shows the cavir	ng of the	well Only	i5m apart	from Well N	lo.5						
Gasing Type	Steel					Screen Typ		Brass, Sloti	ad			
Screen Perforation Rate (%)	No Data											
Screen Set Depth (ft) No Data	From to	80 96	125 137	143 163	267 275	316 320						
Remarks	It is supposed to not suitable for	nat the ri this well,	eason of th									
					i siit contair	ing in the g	roundwater	is that the	screen type	and pac	king meter	nals are
Pump Condition				<u></u>	sit contair	ung in the g	roundwater	is that the	screen type	end peo	king meter	vals are
Pump Condition Pump Type	Turbine (Vertice	D				ing in the g			screen type	and pag	king meter	nals are
	Turbine (Vertica	.		, , , , , , , , , , , , , , , , , , ,			Depth			and pac	king meter	sals are
Ритр Туре		0		· · · · · · · · · · · · · · · · · · ·		Installation	Depth		150'	end peo	king meter	vals are
Pump Type Manifacturer	ERGG	0)				Installation Year of Mai	Depth de Dæmeter		150"			
Pump Type Manifacturer Pump Diameter	ERGG	0				Installation Year of Mai Rizer Pipe I Lift Height i	Depth de Dæmeter		150'	mic wat	er L from	
Pump Type Manifacturer Pump Diameter Lift Height in Spec	ERGG 4" 230'	Ď				Installation Year of Mai Riser Pipe I Lift Height I Discharge I	Depth de Demeter in Working	t/sec)	150° 1984 4" >100° (dyna) 10 (8,000ga) Water Tank	mic wate	er L. from , hearing) ty Center 8	the hearing
Pump Type Manifacturer Pump Diameter Lift Height in Spec Diacharge in Spec (lit/sec)	ERGG 4" 230'	.0				Installation Year of Mac Riser Pipe I Lift Height i Discharge in	Depth de Diameter in Working (i	t/sec) ted Tank	150° 1994 4" >100° (dyna) 10 (8,000ga)	mic wat on/houi in the Ci	er L. from (, hearing) ty Center 8	the hearing
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM	ERGG 4" 230' 30 1450 14 Starting		seetit			Installation Year of Mai Riser Pipe I Lift Height i Discharge in Lift Height i Working Day	Depth Diameter in Working (i) to the eleva	t/sec) ted Tank	150° 1994 4" >100° (dyna: 10 (8,000gal Water Tank Jinneh Tank Stertin	mic wate on/hour in the Ci . Height o 11.5 m	er L. from (, hearing) ty Center 8	the hearing
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day	ERGG 4" 230' 30 1450 14 Starting	Pri	and the second s	э гершге ч		Installation Year of Mai Riser Pips I Lift Height I Discharge II Lift Height I Working Day	Depth de Diameter in Working in Working (i) to the eleva ys per Year	t/seq) ted Tank (m3/vear)	150° 1994 4° >100° (dyna: 10 (8,000gal Water Tank Jinnah Tank 11 months to	mic wate on/hour in the Ci t. Height o 11.5 m	er L. from r, hearing) ty Center 8 150' onths	the hearing
Pump Type Manifacturer Pump Diameter Lift Height in Spec Diacharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day)	ERGG 4" 230' 30 1450 14 Starting 1.463	Pri	and the second s	o repaire v		Installation Year of Mai Riser Pips I Lift Height I Discharge II Lift Height I Working Day	Depth de Diameter in Working in Working (i) to the eleva ys per Year	t/seq) ted Tank (m3/vear)	150° 1994 4° >100° (dyna: 10 (8,000gal Water Tank Jinnah Tank 11 months to	mic wate on/hour in the Ci t. Height o 11.5 m	er L from Thearing) ty Center 8 150' onths	the hearing
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks	ERGG 4" 230' 30 1450 14 Starting 1.463	Pri	and the second s	э герапе у		Installation Year of Mai Riser Pips I Lift Height I Discharge II Lift Height I Working Day	Depth de Diameter in Working in Working (i) to the eleva ys per Year	t/seq) ted Tank (m3/vear)	150° 1994 4° >100° (dyna: 10 (8,000gal Water Tank Jinnah Tank 11 months to	mic wate on/hour in the Ci t. Height o 11.5 m	er L from Thearing) ty Center 8 150' onths	the hearing
Pump Type Manifacturer Pump Diameter Lift Height in Spec Diacharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day)	ERGG 4" 230' 30 1450 14 Starting 1.463	Pri	and the second s	э гэршге у		Installation Year of Mai Riser Pips I Lift Height I Discharge II Lift Height I Working Day	Depth de Diameter in Working in Working (i) to the eleva ys per Year	t/seq) ted Tank (m3/vear)	150° 1994 4° >100° (dyna: 10 (8,000gal Water Tank Jinnah Tank 11 months to	mic wate on/hour in the Ci t. Height o 11.5 m	er L from Thearing) ty Center 8 150' onths	the hearing
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks	ERGG 4" 230' 30 1450 14 Starting 1.463	Pri	and the second s	э горане ч	vas done fo	Installation Year of Mai Riser Pips I Lift Height I Discharge II Lift Height I Working Day	Depth de Diameter in Working (i) to the eleva ys per Year al Discharge	t/sec) ted Tank (m3/vear) e silt and ck	150° 1994 4° >100° (dyna: 10 (8,000gal Water Tank Jinnah Tank 11 months to	mic wate on/hour in the Ci t. Height o 11.5 m	er L from Thearing) ty Center 8 150' onths	the hearing
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/aec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition	ERGG 4" 230' 30 1450 14 Starting 1.483 The pump was re	Pri	and the second s	e repaire v	rus done fo	Installation Year of Mai Riser Pipe I Lift Height I Discharge in Working Day Total Annus r 5 times be	Depth de Diameter in Working (i) to the eleva ys per Year al Discharge	t/sec) ted Tank (m3/vear) e silt and cl	150° 1994 4" >100° (dyna 10 (8,000ga) Water Fank Jinnah Tank 11monthe to	mic wate on/hour in the Ci t. Height o 11.5 m	er L from Thearing) ty Center 8 150' onths	the hearing

The motor was also replaced in 2002.

Remarks

Unit	ТМА]	Well Number			No.5				
Area Name	Stoney Jheel (Jheel me	ans lake)]	Coordinate	(UTM)		Longs	100		DEC. 198
Altitude of Top of Well (AMSL, m)					- 1	Altitude of	Ground Su	rfave (AMSL,		•		
Well Completion Date	1964]	Well Statu			Abandonec			
Total Depth	290				- 1	Diameter of	f the Top Ca	oing.	12"			
Min. Dia. of the Casing	12"]	Well Owne		•	ТМА			
Well Owner's Name	ТМА				, 1	Drilled by			PHED			
	Starting		when ab	endoned	1				Start	ng	when i	bandoned
Static Water Level (hearing)	No Data		No Data			Dynamic Water Level (hearing)			No Data No Data			
Draw-down (hearing)	No Deta		No Data	andoned		Automatic Stopper Depth			Not instalk	d		
Specific Yield (i/sec/m)	No Data					Transmissi	ivity (if avail	able)	No Data			
Aquifer (ft)	Name	from (m)	to (m)	Artesian	Lithe, Code	Acuifor Ago	Hydraulio	Aquifer Type	Thickness	1		
No Data						Pagantin Page	Media	- Tapater (ype	(14)			
										l		
W # 0 (3022									!		
Well Completion Date	1964				·		Date (il abs	ndoned)	1997			
Remarks	Only 20m apart	from We	No.2. The	s well mus	t be used fo	or monitorin	g well.					
Casing/Screen Condition							•					
_	Steel			1		Panau T			Brass, Slot			
Casing Type	No Data					Screen Type				. yu		
Screen Perforation Rate (%)				l ,								
Screen Set Depth (ft) No Data	From to											
Remarks	Abandoned beca	use of t	he clogging	of the so	'00n.							
Pump Condition												
Ритр Туре	Turbine (Vertice	D .				Inetallation	Depth		160'			
Manifacturer	KSB					Year of Ma	de		1964			
Pump Diameter	6*					Riser Pipe I	Diameter		6			
Lift Height in Spec	130					Lift Height	in Working		No Data			
Discharge in Spec (lit/sec)	32 (25,000galon	/h)					n Working (I	t/sec) i	No Data			
RPM	1450						to the eleve		Water Tank	n the Ci	ty Center 8	km from hel
						_			Jinnah Tani	i, Height	: 150'	
Working Hours per Day	14	at Abo	ndoned			Mounting that	ys per Year		11 months to			ndoned
Total Daily Discharge (m3/day)	No Date	No Data				Total Annu	al Discharge	(m3/year)	No Data		No Data	
Remarks	Pump has been	aiready r	emoved					· · · · · · · · · · · · · · · · · · ·				
Motor Condition												
Manifacturer	SIEMENS				•	Year of Mad	de	Į	1964			
Motor Capacity	380V, 70A				1	Electricity (Comsump P	er m3				
RPM	1470				1	Horse Powe	er	Į	50			
Remarks	Motor has benn	aiready r	emoved.									
	L		1	Well Inv	entory S	heet						
Camanal												
General	TMA					Well Numbe			No 1			

Area Name	Nawan Shahr		Coordinate (UTM)						
Altitude of Top of Well (AMSL, m)				Altitude o	f Ground Su	rfave (AMSL	L. P		
Well Completion Date	1997			Well Statu	18		Working		
Total Depth	345			Diameter o	f the Top Ca	sing.	10		
Min Dis. of the Casing	10"			Well Owns	ership		TMA		
Well Owner's Name	ТМА			Drilled by			ADB		
Static Water Level (hearing)	Artesian Starting	Present No Date			Yater Level		(58' (hearing)	No Data	
Draw-down (hearing)	Starona 58' at 20lit/sec	No Data		(hearing) Automatic	Stopper De	pth	Not Installed		
Specific Yield (I/sec/m)	No Data			Transmiss	ivity (if avai	lable)	No Date		
Aquifer (ft)	Name from (ft)	to (ft) Artes	un Litho Cod	a Aquifer Age	Hydraulic Media	Aquifer Type	Thiokness		
	Gravel 42 70	51 Artes 114	man Gr	Q	Porous	Semi- Confined	(t) 9 44		
	155 186	177 198				COMMINE	17		
	298 336	329 348		-	-		31 12		
Well Completion Date	1997			Well Close	Date (if abs	indoned)	Working		
Remarks	According to the well wa	tchman, the dusc	heree has bee					- But	
	confidence Only 120m a	part from Well N	0.2		***************************************	ia Rionisama	ITAL IBASI GECINETA	on. Dut no concret	
Casing/Screen Condition									
Casing Type	Steel			Screen Ty	De		Brass, Slotted	···	
Screen Perforation Rate (%)	No Data			-,			<u> </u>		
Screen Set Depth (ft)	From 101	156 1	188 29	9 3371			1		
	to 113		196 32						
Remarks				.					
_			 						
Pump Condition									
Pump Type	Turbine (Vertical)			Installation	Depth		140'		
Manifacturer	ERGG			Year of Mad	de		1994		
Pump Diameter	4"			Riser Pipe I	Diameter		4"		
Lift Height in Spec	250'			Lift Height	in Working		NO Data		
Discharge in Spec, (lit/sec)	14 (190galon/min)			Discharge is	n Working (ii	t/sec)	8 (6,000gaion/ho	ur, hearing)	
RPM	1450			Lift Height	to the eleva	ted Tank	Water Tank in the	City Center 5km fro	om he
Working Hours per Day	14	 1		Working Day	ve nor Vose	ĺ	(Kunj Ground) 11months to 11.5	months	_
	SURFINE PTO	Mint						Present	
Total Daily Discharge (m3/day)	1,000 400			Total Annua	al Discharge	(m3/year)	335,000	134,000	
Remarks									
Mates Condition	L							****	
Motor Condition	GENENE								
Manifecturer	SIEMENS			Year of Med	le	Į	1993		
Motor Capacity	380V, 37.5A			Electricity C	Comsump Po	erm3			
RPM	1460			Horse Powe	r	[25		
Remarks							· ·····	*******	
		Well I	nventory S	Sheet					
General									
Unit	TMA	 		Well Number	,	ŗ	No.2		
Area Name	Nawan Shahr		7	Goordinate (1764	F	L.SHIRTURE	Lattroos	
			_		iround Surfe	L 5		<u> </u>	
Altitude of Top of Well (AMSL, m)	i e								

Well Completion Date	1997				7	Well Statu			Abandoned
Total Depth	354'				י ו		of the Top Ca	eine	10"
Min. Dis. of the Casing	10"		•••••		, 1	Well Owne			TMA
Well Owner's Name	TMA				1	Drilled by			ADB
Statio Water Level (hearing)	Starting 8'		when ab No Data	benobna]	Dynamic V	Nater Level		Starting when spendoned 64" No Data
_	Starting 56' at 22 it/sec		when ab	endoned	1	(hearing)	O		Not installed
Draw-down (hearing) Specific Yield (l/sec/m)	No Data		INO DELLE) 1		Stopper De	•	
Specific Fleid (I/ Bec/ III)	[10 Date				<u>. </u>	I DESERVES	ivity (If avail	#DI#)	No Data
Aquifer	Name Gravel	from (ft)	to (%)	Artesian Artesian	Lithe, Code Gr	Aquifer Age	Hydraulic Media Porous	Aquifer Type Semi-	Thickness (ft)
		68	73			-		Confined	15
		118 155	132 162						14
		218 315	236 320						18
		345	356						11
Well Completion Date	1997				l		Date (if aba		2001
Remarks	abandoned, The	dropping d if the	g down of t Johnson typ	he well mi	ght be caus	ed by the c	raving of the	silt/clay lay	pping was not stopped. Therefore, it was yers. It is supposed that such caving his well should be used for the
Casing/Screen Condition									
Casing Type	Steel					Screen Ty	pe		Brass, Slotted
Screen Perforation Rate (%)	No Deta								
Screen Set Depth (ft)	From to	95 109	119 131	152 160	219 235		346 354		
Remarks	1.0	100	10.1		200	518			
Pump Condition									
Pump Type	Turbine (Vertica	Δ)				Installation	Depth		No Data
Manifacturer	KSB					Year of Ma	de		1997
Pump Diameter	4"					Riser Pipe	Dumeter		4*
Lift Height in Spec	250		$\overline{}$			Lift Height			NO Data
Discharge in Spec (lit/sec)	14.5 (0.5cusec)					-	n Working (li		8 (5,000galon/hour, hearing)
RPM	1450					_	to the eleva		Water Tank in the City Center 5km from he
						_			(Kunj Ground)
Working Hours per Day	14 Starting	udan al	endoned			Working Da	ys per Year		Timoriths to 11.5 months Starting when abandoned
Total Daily Discharge (m3/day)		400				Total Annua	al Discharge	(m3/year)	
Remarks	Pump is still equ	ipped,					•		
									
Motor Condition								-	
Manifacturer	No Data				,	Year of Mac	de	[No Data
Motor Capacity	No Data					Electricity (Comsump P	er m3	
RPM	No Data					Horse Powe	or	[No Data
Remarks	Motor has been	removed.							
							·		
			•	Vell Inv	entory S	heet			
General	7111	_						_	
Unit	TMA				1	Well Numbe	г	[No.3
Area Name	Nawan Shahr				•	Coordinate	(UTM)	[Longitude Letitude
Altitude of Top of Well (AMSL, m)						Altitude of (Bround Surt	nve (amsl. [
Well Completion Date	1997					Well Status		9	Abandoned
The Completion Date						存井戸台帽			7

Total Depth	NO Data]	Diameter o	ting.	10"					
Min. Dia. of the Casing	10"				I	Well Owne	rship		TMA			
Well Owner's Name	TMA				1	Draied by			ADB			
	Starting		when ab	endoned	1				Starti			endoned
Static Water Level (hearing)	Artesian		No Data]	Dynamic V (hearing)	Vater Level		No Data	N	o Data	
Draw-down (hearing)	Starting No Data		when ab No Data	endoned	}	Automatic	Stopper De	pth	Not installe	ıd		
Specific Yield (I/sec/m)	No Date				1		rvity (if avail	-	No Data		,	
	<u> </u>	,			•	T	_		1 721-1	1		
Aquifer No Data	Name	from (ft)	to (Pt)	Artesian	Lithe. Code	Aquifer Age	Hydraulic Media	Aquifer Type	Thickness (ft)			
									 			
										1		
Well Completion Date	1997]	Well Close	Date (if aba	ndoned)	2000			
Remarks	This well was a											
	because of the								there is no c	oncrete e	vidence o	of the
Casing/Screen Condition												
Casing Type	Steel			1		Screen Ty	DB		Brass, Slot	ted		
Screen Perforation Rate (%)	No Data			,								
Screen Set Depth (ft)												
No Data	From to											
Remarks												$\overline{}$
Pump Condition												_
Pump Type						Installation	Depth					
Manufacturer						Year of Me	de					一
Pump Diameter	L					Riser Pipe						
Lift Height in Spec.						Lift Height	in Working		<u></u>			
Discharge in Spec (lit/sec)						Discharge	m Working (rt/sec)				
RPM						Lift Height	to the eleva	ited Tank	Water Tank (Kunj Grour		Genter 5	km from he
Working Hours per Day						Working Da	ys per Year					
Total Daily Discharge (m3/day)	Starting	when a	bandoned			Total Annu	al Discharge	(m3/veer)	Startin		when ab	endoned
Remarks	There is no data	haceus	the pure	bas basa	ramovad			. (1107) (217				
None	THE IS NO GET	I Decade	e the pump	IIES COO!	TAIIIDAGG							
Mateu Condition												
Motor Condition												
Manifacturer						Year of Ma	de		L			
Motor Capacity						Electricity	Comsump. F	Per m3				
RPM						Horse Pow	er					
Remarks	There is no date	a because	the motor	r has been	removed							
				Well Inv	entory S	heet						
General	1734							i	W. 2			
Unit	TMA					Well Numbe	er .		No.4			
Area Name	Nawan Shahr					Coordinate	(UTM)		Congitu	26	Latif	udo
Altitude of Top of Well (AMSL, m)]		Altitude of	Ground Sur	ave (AMSL, r				
Well Completion Date	1997					Well Status			Working			
Total Depth	NO Data						the Top Casi		10"			
· ·								-				

Min. Dia. of the Casing	10"		Well Ownership				TMA					
Well Owner's Name	TMA				1	Drilled by			ADB			
Static Water Level (hearing)	No Data		No Data	sent]	Dynamic V (hearing)	fater Level		Start No Data	ang .	No Data	inee
Draw-down (hearing)	No Data		No Data	SB/R]		Stopper De	pth	Not Installe	ed	,	
Specific Yield (I/sec/m)	No Data	-			}	Transmissi	ivity (if avail	abie)	No Data			
Aquifer	Name	from (ft)	to (ft)	Artesian	Litho. Code	Aquifor Age	Hydraulic Media	Aquifor Type	Thickness	1		
No Data							Media		(10)	1		
									<u> </u>	1		
]		
									-	1		
Well Completion Date	1997					Well Glose	Date (if aba	ndoned)	Working			
Remarks	According to the confidence.	e well wa	tchman, th	e discharg	e has been	reduced be	cause of th	e groundwa	ter level dec	lination.	But no cor	ncrete
Casing/Screen Condition												
Casing Type Screen Perforation Rate (%)	No Data					Screen Typ	98		Brass, Slot	ted		
Screen Set Depth (ft)	From			· · · · · ·		· · · · · · · · · · · · · · · · · · ·			r		<u> </u>	
No Data	to										<u> </u>	
Remarks												
Pump Condition												
Ритр Туре	Turbine (Vertice	D				Installation	Depth	i	150"			
Manifacturer	KSB					Year of Mac	ie		1997			
Pump Diameter	4"				İ	Riser Pipe (Diameter	1	4			
Lift Height in Spec	260"				I	Lift H eig ht i	n Working	ĺ	NO Data			
Discharge in Spec. (lit/sec)	22 (0.75cuseo)				1	Discharge in	n Working (li		25 (Actual n			2-02)
RPM	1450				1	Lift Height 1	to the eleva	ted Tank	(by flow met Water Tank (Kunj Groun	n the C		un from he
Working Hours per Day	14				1	Working Day	/s per Year		11months to		ionthe	
Total Daily Discharge (m3/day)		1,260	eent .			Fotel Annue	l Discharge	(m3/year)	Startin No Data		Pres 420,000	
Remarks	According to the 25lit/sec. The in the meaurement	field eng terview s	urvey is ve	lischarge i	n working is	about 8lit/ data shoul	sec but act d be taken	ual measure from the dir	ent by the	flow m	eter shows	daily desch.)
Motor Condition								_				
Manifacturer	SIEMENS				١	ear of Mad	ė		1996			
Motor Capacity	380V, 58A					lectricity C	omaump Po	erm3				
RPM	1470				ŀ	lorse Powe	r	[40			
Remarks				Vell Inv	entory Si	neet						
General			•		arrayi y Qi							
Unit	TMA				٧	Vell Number		0	No.5			
Area Name	Nawan Shahr				c	cordinate (UTM)	E	Longitud		Latite	de
Altitude of Top of Well (AMSL, m)					A	lititude of G	iround Surfa	IVO (AMSL. 1				
Well Completion Date	1997				٧	/ell Status		č	Working			
Total Depth	353				0	lameter of ti	he Top Casin	e [10"			

Well Ownership

TMA

Min Dia, of the Casing

10"

Well Owner's Name	ТМА			Drilled by	ADB		
Static Water Level (hearing)	Starting Flowing	Preser 52' (hearing)		Dynamic Water Level (hearing)	Starting Present (552' No Data		
Draw-down (hearing)	Starting 52' at 29lit/sec	No Data	nt	Automatic Stopper Depth	Not installed		
Specific Yield (I/sec/m)	No Data			Transmissivity (if available)	No Data		
Aquifer			Artesian Lithe Cou	ie Aquiter Age Hydrasiic Media Aquiter Ty Q Porous Semi- confined	Thickness (P) 33 5 5 26 43 34		
Well Completion Date	1997			Well Close Date (if abandoned)	Working		
Remarks	According to the well confidence	watchman, the	discharge has be	en reduced because of the groundw	ater level declination. But no concrete		
Gasing/Screen Condition	781						
Casing Type	Steel			Screen Туре	Brass, Slotted		
Screen Perforation Rate (%)	No Data	001 001	40.1				
Screen Set Depth (ft)		30 274 54 314	321 353				
Remarks Pump Condition							
Pump Type	Turbine (Vertical)			installation Depth	140'		
Manifacturer	ENGG			Year of Made	1994		
Pump Diameter	4"			Riser Pipe Diameter	4		
Lift Height in Spec	240			Lift Height in Working	NO Data		
Discharge in Spec. (lit/sec)	23 (300gal/min)			Discharge in Working (lit/sec)	10 (8,000gal/h, hearing)		
RPM	1450			Lift Height to the elevated Tank	Water Tank in the City Center 5km from he		
Working Hours per Day	14			Working Days per Year	(Kunj Ground) 11months to 11.5 months		
Total Daily Discharge (m3/day)	Starting 500	Present		Total Annual Diacharge (m3/year	Starting Present 170,000		
Romarks	.,,,,,	replaced 7 time	after the well c	ompletion. Last replacement was de			
Motor Condition	(Almerija						
Manifecturer	SIEMENS 380V, 58A			Year of Made	1993		
Motor Capacity (kwh) RPM	1470			Electricity Comsump, Per m3			
Remarks		replaced 7 time	s after the well o	Horse Power ompletion. Last replacement was do	40 one in October, 2002.		
		W	ell Inventory	Sheet			
General							
Unit	ТМА	· · · · · · · · · · · · · · · · · · ·		Well Number	No.6		
Area Name	Newsn Shehr			Goordinate (UTM)	Longitude Latitude		
Altitude of Top of Well (AMSL, m)				Altitude of Ground Surface (AMSL.			
Well Completion Date	1997			Well Status	Working		
Total Depth	405'			Diameter of the Top Casing.	10"		
Min Dia. of the Casing	10"			Well Ownership	TMA		
Weil Owner's Name	TMA			Drilled by	ADB		
	Starting	Present	別本参考資料3	既存井戸台帳	Starting Present 10 ベージ		

Static Water Level (hearing)	Flowing 50' (hearing)]	Dynamic Water Level (hearing)			No Data 100' (hearing)		
Draw-down (hearing)	Starting Present NO Data 50' (hearing)				1	Automatic Stopper Depth			Not installed		
Specific Yield (I/sec/m)	No Deta]	Transmissivity (if available)			No Data		
Aquifer	Name	from (ft)	to (ft)	Artesian	Litho. Code	Aquifor Age	Hydraulic [A	Thickness		
Admer	Grevel	292	296	Artesian		Q Q	Media	Aquifor Type Semi-	(ft) 6		
	.,	313 323	317 328					confined	4 5		
		336 351	341 370						5 19		
		373 390	377 405						15		
Mail Completion Date	1997				<u>. </u>	W-# G(D-1-06-1-	4	Worlding		
Well Completion Date	According to the well watchman, the discharge has been reduced because of the groundwater level declination. But no concrete										
NOTHER RE	According to the well waterman, the discharge has been recalced because of the groundwater level decimation, but no concrete confidence.										
Casing/Screen Condition					•			·			
Gasing Type	Steel)		Screen Ty	De		Bress, Slotted		
Screen Perforation Rate (%)	No Data					Soldon Typo					
Screen Set Depth (ft)	From	293	324	336	352	391	<u> </u>		· · · · · · · · · · · · · · · · · · ·		
	to	297	326	340					<u> </u>		
Remarks											
Pump Condition											
Pump Type	Turbine (Vertice)				installation	Depth		150'		1
Manufacturer	KSB			! [Year of Ma	•		1997		
	7			i I					<u></u>		
Pump Diameter	(MAIN)					Riser Pipe			<u> </u>		
Lift Height in Spec	250'					Lift Height	-		100' (hearing)		
Discharge in Spec. (lit/sec)	0.75cusec7777					_	in Working (lit/		9 (7,000gal/h, h		
RPM	1450					Lift Height	to the elevate	d Tank	(Kunj Ground)	e City Center 5km	from he
Working Hours per Day	14					Working Da	ya per Year		11months to 11	.5 months	
Total Daily Discharge (m3/day)	Starting No Data	Pn (50	eent			Total Annu	al Discharge (m3/veer)	Starting No Data	Preser 150,000	nt .
Remarks		repaired	twice since	the well						<u> </u>	
	Pump has been repaired twice since the well completion.										
Motor Condition					<u>-</u>		•				
Manifacturer	SIEMENS					Year of Ma	de		1996		
Motor Capacity	380V, 58A					Electricity (Comsump, Pe	rm3			
RPM	1470					Horse Pow			40		
Remarks	No repair since t	he comp	ietkon								
	, so repen cance .										
	Well Inventory Sheet										
				*****	ontory c	oot					
General	TMA					10- H Al			No.7		····
Unit	Ima					Well Numbe	er	!	Longitude	Letitud	
Area Name	Nawan Shahr					Coordinate	(UTM)		Longitude	Centro	
Altitude of Top of Well (AMSL, m)						Altitude of	Ground Surfe	ve (AMSL,			
Well Completion Date	1997					Well Status	ı	1	Working		
Total Depth	386					Diameter of	the Top Casing	ı	10"		
Min Dia. of the Casing	10"		·····			Well Owner	whip	ł	TMA		
Well Owner's Name	ТМА					Drilled by		į	ADB		
Static Water Level	Starting Flowing		Press 2' (hearing			Dynamic W	ster Level	i	Starting No Data	Present 100' (hearing	
(hearing)	Starting	I	Press			(hearing)		'			
Draw-down (hearing)	NO Data		8' (hearing		考資料3月	Automatic S 存井戶台報	Stopper Depti	ı [Not Installed		

Specific Yield (I/sec/m)	No Data]	Transmiss	ıvıty (if avail	abie)	No Data				ם
Aquifer	Name	from (ft)	to (ft)	Artesian	Litho Code	Aquifer Age	Hydrauko	A-M-T-	Thickness	1			_
Vdmia	Gravel	25		Artesian		Q Q	Media Porous	Aquifer Type Semi-	(n)				
		230 254	234 298					confined	44				
		316 328	320 352						24				
		374	390						16				
										l			
Well Completion Date	1997]	Well Close	Date (if aba	ndoned)	Working				J
Remarks	According to the	e well wa	itchmen, th	ne dischar	re has been	reduced be	ecause of th	e groundwa	ter level dec	ination	But no co	ncrete	٦
								··					╛
Casing/Screen Condition													
Casing Type	Steel]		Screen Typ	pe		Brass, Slot	ed			J
Screen Perforation Rate (%)	No Data			i									
Screen Set Depth (ft)	From to	256 296	330 350	378 386							L.,.		7
Remarks		250		300	u							·	
Traingi no													
Pump Condition													
Pump Type	Submergible Pu	mp				Installation	Depth		200'				
Manifacturer	KSB					Year of Ma	de		Not noted	-]
Pump Diameter	4"					Riser Pipe	Diameter		4"			-	7
Lift Height in Spec	340			1		Lift Height	ın Working		>100 thean	ng)			- -
Discharge in Spec (lit/sec)	11 (0 37cusec)			, 		-	ın Working (li	t/sec)	[8 (6,000gal/	h, heari	nuc)		7
RPM	2,900	не	21 44	1			to the eleva		Water Tank			km from h	<u> </u>
				1					(Kunj Groun	d)			_
Working Hours per Day	14					Working Da	ys per Year		11months to		onthe		1
Total Daily Discharge (m3/day)	Starting No Data	400 400	eent			Total Annua	al Discharge	(m3/year)	Startin No Data		Pre- 130,000	sent	}
Remarks	No repair since	the well o	completion.										- 7
	i												
Motor Condition													_
Manifecturer						Year of Mac	4.						7
			=					_					7
Motor Capacity							Comsump P	er m3	<u> </u>			·········]
RPM _						Horse Powe	er -]
Remarks	Not applicable							,]
				Well Inv	entory S	heet							_
General													
	THE								10°-5				_
Jnit	TMA					Weil Numbe	r		No.1]
Area Name	Jinnah Garden				1	Coordinate	(UTM)		Lonette			1808	Ì
Altitude of Top of Well (AMSL, m)						Altitude of (Ground Surf	EVO (AMSL, d			-]
Well Completion Date	1966-1969				•	Well Status		1	Abandoned]
Fotal Depth	about 400				(Diameter of 1	the Top Casir	ve. [8				1
Ain Dia of the Casing	8"				,	Well Owners	ship	j	TMA]
Vell Owner's Name	TMA				Į	Orided by		ĺ	PHED				1
Static Water Level hearing)	Starting 100'		when abou	ndoned		Oynamic Wa hearing)	iter Level	ļ	Starting No Data		when abo No Data	mdoned]
Praw-down (hearing)	Starting NO Data	B	when abar to Data	ndoned		-	Stopper Dept	th [Not installed				1
										_			

Transmissivity (if available)

No Data

No Data

Specific Yield (I/sec/m)

Aquifer	Name	from (ft)	to (ft)	Artesian	Lithe, Code	Aquiler Age	Hydraulic Media	Aquifer Type	Thiokness (9t)			
No Data			· · · · · · · · · · · · · · · · · · ·									

					<u> </u>							
Well Completion Date	1988-1989					Well Close	Date (if abs	indoned)	1999			
Remarks	Pump installed	but mess	urement p	pesible. Ac	cording to	the field en	gineer the re	eason for ab	andoned is ti	hat the dyn	amic wat	er level
	was severely do	own by m	ore than it	oo irom G	L. I NIS WOI	NOCETEG ON	the foot sid	pe of the hil	1			
Casing/Screen Condition		•										
Gasing Type	PVC					Screen Typ	**		PVC, Slotte	d		
Screen Perforation Rate (%)	No Data											
Screen Set Depth (ft) No Data	From to											
Remarks									· · · · · · ·	· '		
									·-			
Pump Condition												
Pump Type	Submergible Pu	mp				Installation	Depth		180			
Manifecturer	KSB					Year of Ma	de .		Not noted			
Pump Diameter	3"					Riser Pipe I	Diameter	ĺ	3			
Lift Height in Spec	No Data					Lift Height i	in Working	Ì	No Data		-	
Discharge in Spec (lit/sec)	No Data					Discharge is	n Working (I	it/sec)	2.5 (2,000ga	/h when at	andoned.	hearing
RPM	No Data	H.P.[[Vo Deta			Lift Height :	to the eleve	ted Tank	Jail Tenk apa	rt 2.5km, 40	l'above fr	om here
Working Hours per Day	5 when abendon	æď				Working Day	ys per Year	Ī	11months to	11.5 mont	hs	
	Starting		endoned						Starting		when abanc	loned
Total Daily Discharge (m3/day)	No Data	45				Total Annu	l Discharge	(m3/year)	No Data	[15,7	100	
Remarks												
Motor Condition												
	_					V	.	,				
Manifacturer						Year of Mad						
Motor Capacity						Electricity C	•	erm3				
RPM -						Horse Powe)r					
Remarks	Not applicable											
			١	Well Inv	entory S	heet						
General												
Unit	TMA				1	Well Number	•	1	No.2			
			•					<u>.</u>	Longitud	•	Latitude	
Area Name	Jinnah Garden				•	Coordinate ((UTM)					
Altitude of Top of Well (AMSI,, m)						Altitude of G	Bround Surf					
Well Completion Date	1968-1989			_		Well Status		_	Abandoned			
Total Depth	No Data					Diameter of t	·	_		-		
Win. Dis. of the Casing	[6					Nell Owners	ihib	_	TMA			
Vell Owner's Name	TMA				I	Oniled by		<u>.</u>	PHED			
Static Water Level hearing)	NO Data	N	when abor o Data	coned		Dynamic Wa	ter Level	[Starting No Data	No I	vhen abond Jata	beno
nearing) Oraw-down (hearing)	Starting NO Date	I N	when aben o Data	doned		hearing) Automatic S	tonner De-	њ п	Not installed			
Specific Yield (I/sec/m)	No Data					renemiesivi		_	lo Data			<u>_</u>
		I	· T		·····		Made de T		Thickness		-	
Lauifer	Name i i	from (ft)	to (N)	Artesian I i	Utho Code i	Souther Arm	-17-01-00-00	Acuster Type				

No Data

	1	1	I	I	ı	1	ı	1	ı	ı			
		<u> </u>							ļ	1			
										1			
		ļ		ļ						1			
III II O	1988-1989		J	<u></u>	! 1	NI II Oliver	Date #4 also		1995				-,
Well Completion Date					 1		Date (if ab				5) 45		_
Remarks	Pump installed damaged. The according to the recoeder but in	reason o re field e	f the dama; ngineer Th	ge is unkno s well is lo	wn. And the	e groundwa	ter level wa	s also highly	declined by	about 1	60° from G	ìL.	
Casing/Screen Condition													
Gasing Type	PVC]		Screen Ty	ре		PVC, Slott	ed			
Screen Perforation Rate (%)	No Date]									
Screen Set Depth (ft) No Data	From to	 	ļ		<u>-</u>	ļ			 				3
Remarks							······································		··				_ 7
							<u> </u>						
Pump Condition													
Pump Type	Submergible Pr	ump]		Installation	Depth		160']
Manifacturer	KSB]		Year of Mi	ade		Not noted]
Pump Diameter	3"]		Riser Pipe	Diameter		3"]
Lift Height in Spec	No Deta]		Lift Height	in Working		No Data (1	60?)]
Discharge in Spec. (lit/sec)	No Data]		Discharge	in Working (lit/sec)	0.5 (400gal	/h when	abandone	d, hearing	7
RPM	No Data	Н.Р	No Date]		Lift Height	to the elev	ated Tank	Jail Tank ap	art 2.5km	n, 400' abov	re from hen	•
Working Hours per Day	5 when abando	ned]		Working Dr	ays per Yea	г	11months	le 11.5 r	nonthe		
Total Daily Discharge (m3/day)	Starting No Data	when 9	abendoned]		Total Annu	al Discharg	e (m3/year)	Starti No Data	ng.	3,000	bendoned]
Remarks													
Motor Condition				_									
Manifacturer]		Year of Ma	ade]
Motor Capacity]		Electricity	Comsump	Per m3			· · · ·		ב
RPM)		Horse Pow	ier]
Remarks	Not applicable												7
				W-# 1		N		<u> </u>					
				tagii 11)/	entory S) 100 E							
General													
Unit	ТМА					Well Numb	er		No.1]
Area Name	Narrian				1	Coordinate	(UTM)		Longro	K)B	LE	nt.Ne	}
Altitude of Top of Well (AMSL m)					!	Altitude of	Ground Sui	fave (AMSL,]
Well Completion Date	1972-1973					Well Status	,		Abandoned				ו
Total Depth	No Data					Diameter of	the Top Cas	sing.	12"				כ
Min. Dia. of the Casing	8"					Well Owner	rship		TMA				7
Well Owner's Name	тма					Drailed by			PHED				ے ا
	Starting		when ab	endoned					Starti	T.	when =	bendoned	7
Static Water Level (hearing)	Flowing Starting		No Data	andoned		Dynamic W (hearing)	ater Level		No Data		No Data		ţ
Draw-down (hearing)	NO Data		No Data			Automatic	Stopper De	pth	Not installe	īd			J
Specific Yield (I/sec/m)	No Data					Transmissi	vity (if avail	abie)	No Data]
Aquifer	Name	from (ft)	to (ft)	Artesian	Litho Code	Aquifer Age	Hydraulio	Aquifer Type	Thickness]			
No Data						- representation	Media	. squares 1994	(%)				
		L							L	i			

	1		1	1								
							<u> </u>					
		1				· 	<u> </u>					
Well Completion Date	1972-1973]	Well Clos	e Date (if a	bandoned)	1983			
Remarks	No reason for	well aba	indon has b	een made	olear but it	is inferred	the bending	of casing er	d rod caused	d by the	droe down o	of the well
	might be the	main read	non na sem	e se other	wells in thi	s area. It ca	in be used f	or monitoring	Į.	2		
Casing/Screen Condition						'						
Casing Type	Steel			7		Screen T	·ma		Brass, Slo	Hed		
Screen Perforation Rate (%)	No Data			_		00.00.	,,,-					
Screen Set Depth (ft)	From	7	7	-	,	1	т	, .			,	
No Data	to	<u>† </u>	<u> </u>		<u> </u>					J		
Remarks												
Pump Condition												
•	M. S.			-								
Ритф Туре	No Dta			<u>ا</u> -		Installatio	n Depth		No Ota			
Manifecturer	No Data]		Year of M	ade		No Dta			
Pump Diameter	No Data			<u></u>		Riser Pipe	Diameter		No Dta			
Lift Height in Spec.	No Data]		Lift Heigh	t in Working		No Dta			
Discharge in Spec (lit/sec)	No Deta]		Discharge	in Working	(lit/sec)	No Dta			
RPM	No Data			<u> </u>		Lift Heigh	t to the elec	ated Tunk	Water Tank	in the C	ity Center 2k	m from he
Working Hours per Day	14			- 7		Working D	ays per Yes	ır	(Kunj Grou		months	
	Starting	T when	ebandoned	- 1			.,.,.	-	Starti		when abe	rdozed
Total Daily Discharge (m3/day)	No Data	No Dat	1]		Total Ann	ual Dischar	re (m3/year)		-	No Data	
Remarks	Pump has been	n remove	d. Suction	pump ls in	stalled for	the domesti	use of the	inhabitants				
												l
Motor Condition												
Manifacturer	No Date			1		Year of Ma	ade		No Data			
Motor Capacity	No Data			1		Electricity	Comsump.	Per m3				
RPM	No Data			- 1		Horse Pov	-		No Data			
				,		1103 88 1 Q4			110001			
Remarks	Motor has bee	n remove	d									İ
				Well In	ventory	Sheet						
General												
Unit	TMA				1	Well Numb	- r		No.1A			
					J	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	••		Longitu	da	Lathu	
Area Name	Narrian			•]	Coordinate	(UTM)					
Altitude of Top of Well (AMSL, m)]	Altitude of	Ground Su	rfave (AMSL,				
Well Completion Date	1985	_]	Well Status	3		Abandoned			
Total Depth	No Data]	Diameter of	the Top Car	ing.	8"			
Min. Dia. of the Casing	8"				ĺ	Well Owner	rship		TMA		····	$\overline{}$
Well Owner's Name	TMA				1	Drilled by			PHED			
	Starting			andohed	- 1				Startin	4 <u> </u>	when aban	doned
Static Water Level (hearing)	Flowing		No Data		1	Dynamic W (hearing)	ater Level		No Data		No Data	
Draw-down (hearing)	Starting NO Data		when ab No Data	endoned		_	Stopper De	oth	Not installed	đ		
Specific Yield (l/sec/m)	No Data			- 1	' 		vity (if evail	-	No Data			二
eprono inte ur sour III/			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·							
Aquifer No Data	Name	from (%)	to (ft)	Artesian	Litho. Code	Aquifer Age	Hydraulio Media	Aquifer Type	Thickness (ft)			
IIV PELE		 										

		Ι,	Ι.	I	<u></u>		I	I]		
Well Completion Date	1985]	Well Close	Date (if ab	andoned)	1996			
Remarks	No reason for groundwater is											
Casing/Screen Condition						·····	···					
Casing Type	Steel			ר		Screen T	уре		Brass, Slo	Ited		
Screen Perforation Rate (%)	No Data			7			,					
Screen Set Depth (ft)	From	Ī	1	_		1	7		1			
No Data	to	<u> </u>		1	J		T				1.	
Remarks						-						
Pump Condition												
Pump Type	Submergible P	ump		3		Installatio	n Depth		160'			
Manifacturer	KSB			7		Year of M	ade		No Dta			\equiv
Pump Diameter	3"			- 7		Riser Pine	Diameter		3			
Lift Height in Spec	244'			- 1			t in Working		No Data (n	ore then	1002)	
Discharge in Spac. (lit/sec)	13 (10,000gal/	ы		 7		•	in Working		1.3 (1.000g			
RPM	2,000		P 19	_ {1		_	t to the elev				ty Center 2kn	السلسل
Working Hours per Day	14	<u> </u>		2 7		•	ays per Yes		(Kunj Grou	nd)		
Troining Floura par Day	Starting	When	benobnada	ר ר		WORKING D	ays per 188	ır	Start		when aban	ioned 1
Total Daily Discharge (m3/day)	No Data	66]		Total Ann	ual Discharg	ge (m3/year)	No Data		22,000	
Remarks												
Motor Condition												
Manifacturer]		Year of M	ade					
Motor Capacity	<u> </u>]		Electricity	Comsump	Per m3				
RPM	<u>[</u>]		Horse Pov	ver					
Remarks	Not applicable	·····										
				Well In	ventory :	Sheet						
General												
Unit	ТМА]	Well Numb	er		No.2			
Area Name	Nerrian]	Coordinate	(UTM)		LONING	164°	LETTELLO	
Altitude of Top of Well (AMSL, m)]	Altitude of	Ground Su	rfave (AMSL, :				
Well Completion Date	1974-1975	•••]	Well Status	,		Abandoned			
Total Depth	No Data]	Diameter of	the Top Car	sing.	12"			
Min Dia. of the Casing	10"]	Well Owne	rship		TMA			
Well Owner's Name	TMA				l	Dniled by			PHED			
Static Water Level (hearing)	Starting Flowing	~	No Data	endoned		Dynamic W (hearing)	ater Level		Startir No Data		when aband No Data	oned
Draw-down (hearing)	Starting NO Data		No Data	endoned		Automatic	Stopper De	pth	Not installe	<u>a </u>		
Specific Yield (I/sec/m)	No Data				ł	Transmiss	vity (if avail	able)	No Data			
Aquater	Name	from (ft)	to (ft)	Artesian	Litha, Cade	Aquiler Age	Hydraulic	Aquiter Type	Thickness			
No Data			25 /19				Media	- Type	(14)			
	ļ											
					-							
				L								

Well Close Date (if abandoned) 1997 利森李考資料3既存井戸台帳

1974-1975

Well Completion Date

Remarks	The reason with The drop down the fine spacin	of the w	eli waa çau	sed by th	caving of	the clay lay	ers Caving	would be avo	sided using t			
Casing/Screen Condition												
Casing Type	Steel]		Screen Ty	pe		Brass, Slot	ted		
Screen Perforation Rate (%)	No Data]								
Screen Set Depth (ft) No Data	From to	_		<u>-</u>								
Remarks								•	•			
												
Pump Condition Pump Type	Turbine (Vertic	aD.		1		Installation	Death		150'			
	KSB			, 1			•		1978			
Manifecturer	KOB					Year of Ma	100		1970			
Pump Diameter	6*		·	J		Riser Pipe	Diameter		[6"			
Lift Height in Spec.	196']		Lift Height	in Working		No Data			
Discharge in Spec (lit/sec)	38 (30,000gal/	บ		1		Discharge	in Working (lit/sec)	15 (12,000)	al/h, he	ering	
RPM	1,470]		Lift Height	to the elevi	sted Tank			ity Center	2km from he
Working Hours per Day	14			ı		Working Da	ys per Yes	•	(Kunj Grous 11 months		months	
Total Daily Discharge (m3/day)	Starting No Data	when i	bendoned			Total Annu	al Discharge	(m3/year)	Sterik No Data	4	when a 254,000	abundoned
Remarks	It is impossible	to remov	e the pum	o because	the rod is t							
							<u></u>					
Motor Condition												
Manifacturer	No Date					Year of Ma	ıde		No Data			
Motor Capacity	No Date			j		Electricity	Comsump i	Per m3				
RPM	No Data			l		Horse Pow	rer		No Deta			
Remarks	Motor has been	n removed	d.				· · · · ·			-		
				Well In	ventory S	Sheet						
General												
Unit	TMA				l	Well Numb	er .		No.3		, ,	trades .
Area Name	Nerrian				1	Coordinate	(UTM)					
Altitude of Top of Well (AMSL, m)					ì	Altitude of	Ground Sur	fave (AMSL, r				
Well Completion Date	1974-1975					Well Status			Abandoned			
Total Depth	No Data					Diameter of	the Top Ges	ing.	12"			
Min. Dis. of the Casing	10				1	Well Owner	rship		TMA			
Well Owner's Name	TMA				l	Drilled by			PHED			
	Starting		when ab	ndoned	' I				Startie	¥	when o	bandoned
Static Water Level (hearing)	Flowing		No Data		 	Dynamic W (hearing)	fater Level		No Data		No Data	
Draw-down (hearing)	NO Data		No Data			Automatio	Stopper De	pth	Not installe	ď		
Specific Yield (I/sec/m)	No Date					Transmissi	ivity (if avail	able)	No Data	-		
Aquifer	Name	from (ft)	to (ft)	Artesian	Litho Code	Aquifer Age	Hydraulio	Aquifer Type	Thickness (ft)			
No Data							Media					
		!										
		!										
	51077 407				<u> </u>	M-11-01	D-10 67 11		1996			
Well Completion Date	1974-1975						Date (if aba					}
Remarks	The reason while filled with galidischarge directions	bbege. No	t suitable :	for monito	ring. Inhabit	ants of the	Narrian are	is mainly fro				

Caema/Saraan Candidan	<u></u>				•							
Casing/Screen Condition	Steel			,		O T			Brass, Slo	****		
Casing Type	No Data			J 7		Screen Ty	ype		D1888, SH	rrag		
Screen Perforation Rate (%) Screen Set Depth (ft)	From	7			Г		T	1	1	T		
No Data	to	1							İ		<u> </u>	
Remarks												
Pump Condition												
Pump Type	Turbine (Vertic	;al)]		Installatio	n Depth		No Data	 ~-		
Manifacturer	KSB]		Year of M	ade		No Data			
Pump Diameter	6"]		Riser Pipe	Diameter		6"			
Lift Height in Spec	No Data			-]		Lift Heigh	t in Working		No Data			
Discharge in Spec (lit/sec)	No Data			_]		Discharge	in Working	(lit/sec)	15 (12,000	gal/h, he	aring)	
RPM	No Data]		Lift Heigh	t to the elev	ated Tank	Water Tank	in the C	ity Center 2	2km from he
Working Hours per Day	14]		Working D	ays per Yes	ır	(Kunj Grou		months	
	Starting		abandoned	-]		_			Start	ing	when al	bandoned
Total Daily Discharge (m3/day)	No Data	756]		Total Ann	val Discharg	e (m3/year)	No Deta		254,000	
Remarks												
Motor Condition												
Manifacturer	No Data			1		Year of M	adə		No Data			
Motor Capacity	No Data			, 1			Comsump.	Per m3				
RPM	No Data			1		Horse Pov			No Data			
Remarks	Motor has been	remove	d.	<u>. </u>			····			*		
				Well In	ventory S	Sheet					"	
0					•							
General					_							
Unit	ТМА]	Well Numb	IO		No.3A			
Area Name	Narrian		<u>-</u>]	Coordinate	(UTM)		Longit	Ud 6	LAU	TUG 6
Altitude of Top of Well (AMSL, m)]	Altitude of	Ground Su	rfave (AMSL,				
Well Completion Date	1992-1993				l	Well Statu	•		Abandoned			
Total Depth	No Data]	Diameter of	the Top Cas	sing.	12"			
Min. Dia. of the Casing	10"				l	Well Owne	rship		District HC	Hospits	Abbottab	ad
Well Owner's Name	District HQ Ho	pital Ab	oottabad			Druled by			No Date			
Static Water Level	Starting Flowing		when ab No Data	andoned		Dynamic W	Vater Level		Starti No Data		when ab	andoned
(hearing)	Starting			endoned		(hearing)						
Draw-down (hearing)	NO Data		No Data			Automatic	Stopper De	pth	Not Installe	ď	•	
Specific Yield (I/sec/m)	No Data					Transmiss	ıvıty (if eveili	able)	No Date			
Aquifer	Name	from (ft)	to (ft)	Artesian	Lithe, Code	Aquifer Age	Hydraulic Medja	Aquifer Type	Thickness (ft)			
No Data												
								<u> </u>				
Well Completion Date	1992-1993					Well Close	Date (if aba	ndoned)	2001			
Remarks	This well dose r when inspection						rter Hospita	l, Abbottebe	d". As the V	Yell chan	iber was lo	cked
		, was IHE	, 1. 1725	possiji	- 10 methor ii	y						

Casing/Screen Condition												
Casing Type						Sareen T	уре					
Screen Perforation Rate (%)												
Screen Set Depth (ft) No Data	From to	1		-			T	_			<u> </u>	
Remarks											<u> </u>	
												
Pump Condition				_								
Pump Type]		installatio	on Depth					
Manifacturer]		Year of N	lade					
Pump Diameter]		Riser Pip	e Diameter					
Lift Height in Spec						Lift Heigh	it in Working					
Discharge in Spec (lit/sec)]		Decharge	in Working	(lit/sec)				
RPM]		Lift Heigh	it to the elec	ated Tank				
Working Hours per Day]		Working (Days per Yes	ır				
Total Daily Discharge (m3/day)	Starting	when	ebendoned	7		Total Ann	ual Dischary	m (m3/vaer	Start	ing	when a	bendoned
Remarks								,_ <i></i> , 		!		
Mator Condition												
Manifacturer				1		Year of M	ede .					
Motor Capacity		•						na				
RPM				J 7		•	Comsump.	Per m3				
Remarks	L.			<u> </u>		Horse Pov	Wer					
evaniai ka												
	L			Mall I		Ch						
				Mell fu.	ventory	Sheet						
General												
Unit	ТМА]	Well Numb	per		No.4			
	TMA Narrian] I				No.4	256	Lau	U 08
Area Name]	Coordinate	• (UTM)	firve (ANR)		108	Lau	<u> </u>
Area Name Altitude of Top of Well (AMSL, m)	Nerrien] []	Coordinate	e (UTM) F Ground Sui	fave (AMSL,	Lorse		Cau	c100 -
Area Name] []]	Coordinate Altitude of Well Statu	e (UTM) F Ground Sui				Cau	wos
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth	Narrian 1988-1989 No Data]]]]]	Coordinate Altitude of Well Statu Diameter of	e (UTM) F Ground Sur B f the Top Car		Abandoned		Lao	<u> </u>
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date	Narrian 1988-1989 No Data					Coordinate Altitude of Well Statu Dismeter of Well Owner	e (UTM) F Ground Sur B f the Top Car		Abandoned			
Area Name Altitude of Top of Well (AMSL, #) Well Completion Date Total Depth Min. Dia. of the Casing	Narrian 1988-1989 No Data 10"		when abo	endoned		Coordinate Altitude of Well Statu Diameter of	e (UTM) F Ground Sur B f the Top Car		Abandoned			
Area Name Altitude of Top of Well (AMSL, #) Well Completion Date Total Depth Min. Dia. of the Casing	Narrian 1988-1989 No Data		No Data	endoned		Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by	e (UTM) F Ground Sur B f the Top Car		Abandoned TIP* TMA		when ab	
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level	Narrian 1988-1989 No Data 10" TMA Starting		No Data	endoned		Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by Dynamic V (hearing)	e (UTM) f Ground Sur s f the Top Cer rehip	ing.	Abandoned TMA PHED Starts		white ab	
Area Name Altitude of Top of Well (AMSL m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing)	Narrian 1988-1989 No Data 10" TMA Starting Starting		No Data when ab			Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by Dynamic V (hearing) Automatic	e (UTM) f Ground Sur f the Top Cer rahip	pth	Abandoned 10" TMA PHED No Data		white ab	
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Draw-down (hearing) Specific Yield (l/sec/m)	Narrian 1988-1989 No Data TMA Starting No Data No Data		When ab	endoned		Coordinate Altitude of Well Statu Diameter or Well Owne Drilled by Dynamic V (hearing) Automatic Transmiss	e (UTM) f Ground Sur f the Top Cer rahip Yeter Level Stopper De	pth	Abandoned 10" TMA PHED Starts No Data		white ab	
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Draw-down (hearing)	Narrian 1988-1989 No Data 10" TMA Starting Ro Data		No Data when ab]]]] Litho Code	Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by Dynamic V (hearing) Automatic	e (UTM) f Ground Sur f the Top Car rahip Vater Level Stopper De	pth	Abandoned 10" TMA PHED Start No Data No Data		white ab	
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Draw-down (hearing) Specific Yield (l/sec/m)	Narrian 1988-1989 No Data TMA Starting No Data No Data		When ab	endoned]]]]	Coordinate Altitude of Well Statu Diameter or Well Owne Drilled by Dynamic V (hearing) Automatic Transmiss	e (UTM) f Ground Sui f the Top Cas rahip Yeter Level Stopper De	pth	Abandoned 10" TMA PHED Starts No Data Not Installe No Data		white ab	
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Draw-down (hearing) Specific Yield (l/sec/m)	Narrian 1988-1989 No Data TMA Starting No Data No Data		When ab	endoned	Litho Code	Coordinate Altitude of Well Statu Diameter or Well Owne Drilled by Dynamic V (hearing) Automatic Transmiss	e (UTM) f Ground Sui f the Top Cas rahip Yeter Level Stopper De	pth	Abandoned 10" TMA PHED Starts No Data Not Installe No Data		white ab	
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Draw-down (hearing) Specific Yield (l/sec/m)	Narrian 1988-1989 No Data TMA Starting No Data No Data		When ab	endoned]]]] 	Coordinate Altitude of Well Statu Diameter or Well Owne Drilled by Dynamic V (hearing) Automatic Transmiss	e (UTM) f Ground Sui f the Top Cas rahip Yeter Level Stopper De	pth	Abandoned 10" TMA PHED Starts No Data Not Installe No Data		white ab	
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Draw-down (hearing) Specific Yield (I/sec/m) Aquifer No Data	Narrian 1988-1989 No Data 10" TMA Starting No Data No Data No Data		When ab	endoned		Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by Dynamic Y Chearing) Automatic Transmiss	e (UTM) f Ground Sur f the Top Cas rahip Yeter Level Stopper De wity (if availa	pth hable)	Abandoned [10" [TMA PRIED Starts No Data No Data Thiokrees (8)		white ab	
Area Name Altitude of Top of Well (AMSL m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Draw-down (hearing) Specific Yield (l/sec/m) Aquifer No Data	Narrian 1988-1989 No Data 10" TMA Starting No Data No Data No Data	from (ft)	No Data when ab No Data to (h)	Artsolen		Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by Dynamic V Onearing) Automatic Transmiss Agulfer Age Well Close	e (UTM) f Ground Sur f the Top Cer rehip Yeter Level Stopper De rvity (if availe Media	pth Aquifer Type	Abandoned ID* TMA PHED No Data No Data Thickness (t)	d d	when ab	andoned
Area Name Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Draw-down (hearing) Specific Yield (I/sec/m) Aquifer No Data	Narrian 1988-1989 No Data 10" TMA Starting NO Data No Data No Data Nerree 1974-1975 The reason why has been demol Not suitable for	it was a lished. Fif	No Data when ab No Data to (ft)	Artseler is that the sipes are in that of the	well and w	Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by Dynamic V (hearing) Automatic Transmiss Aquifer Age Well Close It chambers well for in	e (UTM) f Ground Sur f the Top Car orship Vater Level Stopper De rivity (if availe Media Date (if aba were droppethe domestic	pth Aquifer Type Indoned) and down togs Irregal use	Abandoned [10" [TMA] [PHED] [No Data [No Data [Thickness (tt)] [1996] [uther by 2" to of the grown	d I	when ab to Data	andoned
Area Name Altitude of Top of Well (AMSL m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Specific Yield (l/sec/m) Aquifer No Data Well Completion Date	Narrian 1988-1989 No Data 10" TMA Starting NO Data No Data No Data Neme 1974-1975 The reason why has been demol	it was a lished. Fif	No Data when ab No Data to (ft)	Artseler is that the sipes are in that of the	well and w	Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by Dynamic V (hearing) Automatic Transmiss Aquifer Age Well Close It chambers well for in	e (UTM) f Ground Sur f the Top Car orship Vater Level Stopper De rivity (if availe Media Date (if aba were droppethe domestic	pth Aquifer Type Indoned) and down togs Irregal use	Abandoned [10" [TMA] [PHED] [No Data [No Data [Thickness (tt)] [1996] [uther by 2" to of the grown	d I	when ab to Data	andoned
Area Name Altitude of Top of Well (AMSL m) Well Completion Date Total Depth Min. Dia. of the Casing Well Owner's Name Static Water Level (hearing) Specific Yield (l/sec/m) Aquifer No Data Well Completion Date	Narrian 1988-1989 No Data 10" TMA Starting NO Data No Data No Data Nerree 1974-1975 The reason why has been demol Not suitable for	it was a lished. Fif	No Data when ab No Data to (ft)	Artseler is that the sipes are in that of the	well and w	Coordinate Altitude of Well Statu Diameter of Well Owne Drilled by Dynamic V (hearing) Automatic Transmiss Aquifer Age Well Close It chambers well for in	e (UTM) f Ground Sur f the Top Car orship Vater Level Stopper De rivity (if availe Media Date (if aba were droppethe domestic	pth Aquifer Type Indoned) and down togs Irregal use	Abandoned [10" [TMA] [PHED] [No Data [No Data [Thickness (tt)] [1996] [uther by 2" to of the grown	d I	when ab to Data	andoned

Screen Type 別派参考資料3既存井芦台帳

Casing Type

Screen Perforation Rate (%)	No Data]									
Screen Set Depth (ft) No Data	From to					-		<u> </u>					\exists
Remarks													٦
Pump Condition	L												
Pump Type	Turbine (Ve	rtical)		1		Installatio	n Denth		No Data				_
Manifacturer	No Data			J 7		Year of M			No Data	•			
	No Data			_} "1					No Data				_
Pump Diameter				_			Diameter						
Lift Height in Spec	No Data			.i -			t in Working		No Data				_
Discharge in Spec. (lit/sec)	No Data			-			an Working		10 (8,000g)				_
RPM				J 7			t to the elev		(Kunj Grou	nd)		r ZKM Irom	
Working Hours per Day	14 Starting	- India	n sbandoned	J 7		Working L	ays per Yes	r	Start			shandoned	_
Total Daily Discharge (m3/day)	Starting No Data	500	- Louisourie	1		Total Ann	ust Dischars	e (m3/year)			170,000		╛
Remarks	Pump has b	een remov	ed.										٦
													ĺ
			······································										╛
Motor Condition													
Manifacturer	No Data]		Year of M	ade		No Data				
Motor Capacity	No Data	~~~~~]		Electricity	Comsump	Per m3		*****]
RPM	No Data]		Horse Pov	ver		No Data				
Remarks	Motor has b	een remov	red										٦
	L	•		Well In	ventory	Sheet							_
General													
	TTLX				1								_
Unit	TMA				1	Well Numb	er		No.5	WA	,	ATRUCE	_
Area Name	Narrian]	Coordinate	(MTU)		Corp.		<u> </u>	20,000	1
Altitude of Top of Well (AMSL, m)]	Altitude of	Ground Su	feve (AMSL,					
Well Completion Date	1995]	Well Statu	•		Abandoned				\Box
Total Depth	280']	Diameter o	f the Top Cas	ing.	10"				
Min. Dia. of the Casing	10"]	Well Owne	rship		TMA				
Weil Owner's Name	TMA]	Druled by			ADB				J
Static Water Level	Star Flowing	ting	Almost G	andoned]	Dynamic V	Vater Level		Starta No Data	Y	No Data	abandoned	7
(hearing)	Star	ting	(31-12-10) When ab	2) andoned	- 1	(hearing)							
Draw-down (hearing)	NO Data		No Data		1	Automatic	Stopper De	pth	Not Installe	d			
Specific Yield (I/sec/m)	No Data]	Transmiss	rvity (if avail	able)	No Data				口
Aquifer	Nume	from (ft) to (ft)	Artesian	Litho. Cade	Aquater Age	Hydraušo Media	Aquifer Type	Thickness (ft)				
No Data				_									
					ļ								
Well Completion Date	1995]	Well Close	Date (if aba	ndoned)	1999				J
Remarks	The reason v												7
	discharged d				e may cont	aminate the	groundwate	r Inerefore	e, the irregal	use of ;	groundwa	ter from	
													╛
Casing/Screen Condition													
Casing Type	PVC			1		Screen Ty	рe		PVC, Slotte	d			٦

No Data

Screen Perforation Rate (%)

Screen Set Depth (ft)	From		T-			- , 						
No Data	to							-	 	<u> </u>	<u> </u>	-
Remarks												
	!											
	<u> </u>											
Pump Condition												
Ритр Туре	No Data					installatio	n Depth		No Data			
Manifecturer	No Data					Year of M	lade		No Data			
Pump Diameter	No Data			7		Riser Pipe	Diameter		No Data			
Lift Height in Spec	No Data			_			t in Working		No Data			
Discharge in Spec (lit/sec)	No Data		ı	_		_	_		<u> </u>			
RPM				_			in Working (No Data			
	No Data			_		Lift Heigh	t to the elevi	ited Tank	(Kunj Groun		ity Center :	2km from he
Working Hours per Day	14					Working C	ays per Year		11 months		montha	
Total Daily Discharge (m3/day)	Starting No Data	When No Det	ebendoned R	7		Total Ann	ual Discharge	(m3/veer)	Startie No Data	4	No Data	bendoned
Remarks	Pump has been	n remove	М	<u></u>				(1107 year)			ito data	
Motor Gondition												
Manifacturer	No Data]		Year of Ma	ade		No Date			
Motor Capacity	No Data]		Electricity	Comsump. P	er m3				
RPM	No Data]		Horse Pov	ver		No Data			
Remarks	Motor has been	remove	d.			 -						
												i
				Mr. 11 7								
				Mell Tu	ventory	Sheet						
General												
Unit	TMA				7	Well Numb	. r		No.6			
			****		,		••		P-1-2-1-			
									Consider		Tall	ida I
Area Name	Narrien)	Coordinate	(UTM)		Longitud	•	Latin	aide
Ares Name Altitude of Top of Well (AMSL, m)	Narrien]		(UTM) Ground Surfa	eve (AMSL, r	Longitud		Latte	aide
	Narrien]]]		Ground Surfa		Longitud		Latte	aide
Altitude of Top of Well (AMSL, m)]]]	Altitude of Well Status	Ground Surfa		Working		Latte	aude
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth	[1997 [268]))))	Altitude of Well Status Diameter of	Ground Surfa	ve	Working		Labe	aide
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Min. Dis. of the Casing	[1997 [288])]]]	Altitude of Well Status Diameter of Well Owner	Ground Surfa	ve	Working 10°		Labi	aide
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth	[1997] [288] [107] [TMA]]]]]	Altitude of Well Status Diameter of	Ground Surfa	ve	Working 10° TMA			
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Drs. of the Casing	[1997 [288]		Pro-No Data	Bent .		Altitude of Well Status Diameter of Well Owner Drilled by	Ground Surf	ve.	Working 10°		Latti	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Dm. of the Casing Well Owner's Name Static Water Level	[1997] [288] [10"] [TMA] [Starting] [Starting]		No Data Pre			Altitude of Well Status Diameter of Well Owner Drilled by	Ground Surf	ve.	Working 10° TMA ADB		Pree	ant ant
Altitude of Top of Well (AMSIL, m) Well Completion Date Total Depth Mm. Du. of the Casing Well Owner's Name	1997 268' 10" TMA Starting		No Data Pre			Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing)	Ground Surf		Working 10° TMA ADB		Pree	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Dm. of the Casing Well Owner's Name Static Water Level	[1997] [288] [10"] [TMA] [Starting] [Starting]		No Data Pre			Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic	Ground Surfa	ne.	Working 10° TMA ADB Starting <48°		Pree	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Dis. of the Casing Well Owner's Name Static Water Level Draw-down (hearing)	1997 268' 10" TMA Starting Flowing Starting 46' at 35it/sec		No Data Pre]]]]]]]]]]]]]]]]]]]	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic	Ground Surfice the Top Caeir salup atter Level Stopper Dept rity (if availab	th (the left)	Working TMA ADB Starting C48 Not Installed No Data Thickness		Pree	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Drs. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (L/sec/m)	1997 268' 10" TMA Starting Flowing Starting 46' at 35lit/sec	(28000@pxl from (ft) 161	No Data Pres No Data to (ft)	ent .		Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission	ground Surfa the Top Ceeir shup ster Level Stopper Deprivity (if availat Hydraulio Media Porous S	th Aquifer Type	Working 10° 1 MA ADB Starting 48° Not Installed No Data Thickness (10) 3		Pree	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Drs. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (L/sec/m)	1997 [268] 10" TMA Starting Flowing Starting 46" at 35lit/sec No Data	(280000gp) from (ft)	Pro Pro No Data to (ft)	Arteelan		Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission	ground Surfa the Top Ceeir shup ster Level Stopper Deprivity (if availat Hydraulio Media Porous S	th	Working 10" TMA ADB Starting <48" Not Installed No Data Thickness (10)		Pree	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Drs. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (L/sec/m)	1997 [268] 10" TMA Starting Flowing Starting 46" at 35lit/sec No Data	(28000gph from (ft) 161 243	No Data Prec No Data to (ft) 164 288	Artesian		Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission	ground Surfa the Top Ceeir shup ster Level Stopper Deprivity (if availat Hydraulio Media Porous S	th Aquifer Type	Working 10° TMA ADB Starting (48° Not Installed No Data Thiolores (10) 3 23		Pree	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Drs. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (L/sec/m)	1997 [268] [10" [TMA Starting Flowing Starting 46" at 35lit/sec No Data	(28000gph from (ft) 161 243	No Data Prec No Data to (ft) 164 288	Arteelan		Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission	ground Surfa the Top Ceeir shup ster Level Stopper Deprivity (if availat Hydraulio Media Porous S	th Aquifer Type	Working 10° TMA ADB Starting (48° Not Installed No Data Thiolores (10) 3 23		Pree	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Drs. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (L/sec/m)	1997 [268] [10" [TMA Starting Flowing Starting 46" at 35lit/sec No Data	(28000gph from (ft) 161 243	No Data Prec No Data to (ft) 164 288	Artesian		Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission	ground Surfa the Top Ceeir shup ster Level Stopper Deprivity (if availat Hydraulio Media Porous S	th Aquifer Type	Working 10° TMA ADB Starting (48° Not Installed No Data Thiolores (10) 3 23		Pree	ant ant
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Drs. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (L/sec/m)	1997 [268] [10" [TMA Starting Flowing Starting 46" at 35lit/sec No Data	(28000gph from (ft) 161 243	No Data Prec No Data to (ft) 164 288	Artesian	Gr	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W(hearing) Automatic: Transmissin	ground Surfa the Top Ceeir shup ster Level Stopper Deprivity (if availat Hydraulio Media Porous S	Aquifer Type emi- confined	Working 10° TMA ADB Starting (48° Not Installed No Data Thiolores (10) 3 23		Pree	ant ant
Altitude of Top of Well (AMSIL, m) Well Completion Date Total Depth Mm. Du. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (L/sec/m) Aquifer	1997 [288] [10" [TMA Starting Starting 46' at 35lit/sec No Data Name Gravel [1997]	(28000 _{gp)}) from (ft) 161 243 286	No Data Pres No Data to (ft) 164 266 288	Artesian Artesian Bedrook	Gr	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission Aguifer Age Q Well Close	the Top Ceeir ship atter Level Stopper Dept rity (if availat Hydraulio Madia Porous C	Apurier Type emi- confined doned)	Working TMA ADB Starting (48) Not Installed No Data Thickness (10) 23 2 Working	rater lev	Pree 100 (hears	ectivens.
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Du. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (l/sec/m) Aquifer Well Completion Date	1997 288' 10" TMA Starting Flowing Starting 48' at 35lit/sec No Data Name Gravel	(28000gp) from (ft) 161 243 286	No Data Pres No Data to (ft) 164 266 288	Artesian Artesian Bedrook	Gr	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission Aguifer Age Q Well Close	the Top Ceeir ship atter Level Stopper Dept rity (if availat Hydraulio Madia Porous C	Apurier Type emi- confined doned)	Working TMA ADB Starting (48) Not Installed No Data Thickness (10) 23 2 Working	rater lev	Pree 100 (hears	ectivens.
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Du. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (l/sec/m) Aquifer Well Completion Date	TMA Starting Flowing Starting A8' at 35it/sec No Data Name Gravel The well is drope but there is no c	(28000gp) from (ft) 161 243 286	No Data Pres No Data to (ft) 164 266 288	Artesian Artesian Bedrook	Gr	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission Aguifer Age Q Well Close	the Top Ceeir ship atter Level Stopper Dept rity (if availat Hydraulio Madia Porous C	Apurier Type emi- confined doned)	Working TMA ADB Starting (48) Not Installed No Data Thickness (10) 23 2 Working	rater lev	Pree 100 (hears	ectivens.
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Du. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (l/sec/m) Aquifer Well Completion Date	TMA Starting Flowing Starting A8' at 35it/sec No Data Name Gravel The well is drope but there is no c	(28000gp) from (ft) 161 243 286	No Data Pres No Data to (ft) 164 266 288	Artesian Artesian Bedrook	Gr	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission Aquifer Age Q Well Close	the Top Ceeir ship atter Level Stopper Dept rity (if availat Hydraulio Madia Porous C	Apurier Type emi- confined doned)	Working TMA ADB Starting (48) Not Installed No Data Thickness (10) 23 2 Working	rater lev	Pree 100 (hears	ectivens.
Altitude of Top of Well (AMSL, m) Well Completion Date Total Depth Mm. Du. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (L/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition	TMA Starting Flowing Starting A8' at 35it/sec No Data Name Gravel The well is drope but there is no c	(28000gp) from (ft) 161 243 286	No Data Pres No Data to (ft) 164 266 288	Artesian Artesian Bedrook	Gr ing It is also sup	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmission Aquifer Age Q Well Close	Ground Surfices the Top Caeir ship atter Level Stopper Dept rity (if available Madia Porous Common C	th hale) hapiter Type semi- confined doned) fineer that	Working TMA ADB Starting (48) Not Installed No Data Thickness (10) 23 2 Working	vater len	Pree 100 (hears	ectivens.
Altitude of Top of Well (AMSL_m) Well Completion Date Total Depth Min. Dis. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Type	TIMA Starting Flowing Starting 48' at 35lit/sec No Data Name Gravel The well is drope but there is no o this area (Narrian)	(28000gp) from (ft) 161 243 286	No Data Pres No Data to (ft) 164 266 288	Artesian Artesian Bedrook	Gr ing It is also sup	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmissh Aquifer Age Q Well Close I o reported topling water	Ground Surfices the Top Caeir ship atter Level Stopper Dept rity (if available Madia Porous Common C	th hale) hapiter Type semi- confined doned) fineer that	Working TMA ADB Starting (48' Not Installed No Data Thioloreas (10) 23 23 2 Working It the groundwid (2) There is	vater len	Pree 100 (hears	ectivens.
Altitude of Top of Well (AMSL_m) Well Completion Date Total Depth Min. Dis. of the Casing Well Owner's Name Static Water Level Draw-down (hearing) Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Type	1997 [288] [10" TMA Starting Starting 46' at 35lit/sec No Data Name Gravel The well is dropp but there is no cities area (Narrian) Starting	(28000gp) from (ft) 161 243 286	No Data Pres No Data to (ft) 164 266 288	Artesian Artesian Bedrook	Gr ing It is also sup	Altitude of Well Status Diameter of Well Owner Drilled by Dynamic W (hearing) Automatic: Transmissh Aquifer Age Q Well Close I o reported topling water	Ground Surfices the Top Caeir ship atter Level Stopper Dept rity (if available Madia Porous Common C	th hale) hapiter Type semi- confined doned) fineer that	Working TMA ADB Starting (48' Not Installed No Data Thioloreas (10) 23 23 2 Working It the groundwid (2) There is	vater len	Pree 100 (hears	ectivens.

Remarks				
Pump Condition				
Pump Type	Turbine (Vertical)		installation Depth	150'
Manifacturer	ENGG		Year of Made	1993
Pump Diameter	4"		Riser Pipe Diameter	4
				1000
Lift Height in Spec	170'		Lift Height in Working	100' (hearing)
Discharge in Spec (lit/sec)	23 (300galon/min)		Discharge in Working (lit/sec)	8 (6,000gal/h, hearing)
RPM	1,450		Lift Height to the elevated Tar	(Kun) Ground)
Working Hours per Day	14		Working Days per Year	11 months to 11.5 months
Total Daily Discharge (m3/day)	No Data 400		Total Annual Discharge (m3/ye	No Data 134,000
Remarks				
Motor Condition				
Manifacturer	SIEMENS		Year of Made	1994
Motor Consorty	380V, 43.5A			
Motor Capacity			Electricity Comsump Per m3	
RPM	1,465		Horse Power	36
Remarks				
	Well I	ventory	Sheet	
General				
Unit	Mirpur]	Well Number	No.1
		_		Longitude Latitude
Area Name	Sar Spring	J	Coordinate (UTM)	
Altitude of Top of Well (AMSL, m)		3	Altitude of Ground Surfave (AM	st
Well Completion Date	2002]	Well Status	Working
Total Depth	358']	Diameter of the Top Casing.	10"
Min. Dis. of the Casing	10"	_ 7	Well Ownership	Unit Mirpur
Wall Owner's Name	Unit Mirpur	7		PHED
Trail Online & Hamie	Starting Present		Drilled by	
Static Water Level	75' No Data	1	Dynamic Water Level	Starting Present No Data
	Starting Present	3	(hearing)	
Draw-down (hearing)	10" at 7 flit/sec (8,000gph No Data	J	Automatic Stopper Depth	Not installed
Specific Yield (I/sec/m)	No Data]	Transmissivity (if available)	No Data
Aquifer	Name from (ft) to (ft) Artesian	Litho, Code	Aquifer Age Hydraulia Aquifer T	Thickness
	Gravel 80 90 No	Gr	Q Porous Unconfit	red 30
	120 132 154 159			12
	175 185 187 195	<u></u>		10
	200 208 222 230			8
	306 311 317 330			5
	350 356	<u> </u>	<u> </u>	13 6
Well Completion Date	2002]	Well Close Date (if abandoned)	Working
Remarks	The well was drilled after the Scar Spring de	scharge got	small to supplement the shortage	There is no problem so far
		··		
Casina/Cassas Octob	L		<u> </u>	
Casing/Screen Condition	(G)		_	
Casing Type	Steel		Screen Type	Brass, Slotted
Screen Perforation width	1 5mm			
Screen Set Depth (ft)	From 122 176 185 to 130 184 193			51
Remarks	1 1001 1041 135		229 326 3	55
DANIELES	İ			

Pump Condition								•			
Pump Type	Submergible]		Installatio	n Depth		140'			
Manifacturer	MAK Engineering Into	rnational	7		Year of M	lede		2002			
Pump Diameter	3-		_ 		Ruser Pipe	e Diameter		3"			
Lift Height in Spec	590		7			it in Working		85' (no ch	engo, he	aring)	
Discharge in Spec (lit/sec)	76 (6,000galon/h)		-		_	in Worlding		7.6 (6,000)			
RPM	No Data HP	3	_ 히			t to the elev					he well: 560'
Working Hours per Day	14		- -		_	Nays per Yes		11 months			
	Starting	Present	- -					Start		****	esent .
Total Daily Discharge (m3/day)	383 383]		Total Ann	ual Discharg	e (m3/year)			128,000	
Remarks	No Lavel								•		
	L										
Motor Condition			,								
Manifacturer			_		Year of M			<u> </u>			
Motor Capacity			.J		Electricity	Comeump	Per m3				
RPM]	_	Horse Po	W&F					
Remarks	Not applicable										
			Well In	ventory :	Sheet						
General											
Unit	Derawanda			1	Well Numb	er		No.1			<u> </u>
				- 1				Lantier	UGO	Lan	moor
Area Name	Derzwande				Coordinate						
Altitude of Top of Well (AMSL, m)] ,		Ground Sur	fave (AMSL,			,	
Well Completion Date	1984-1985	•		J 1	Well Statu			Working			
Total Depth				•		the Top Cas	ing.	8			
Min. Dia. of the Casing	0-4 0				Well Owne	rship		Unit Deraw	anda.		
Well Owner's Name	Unit Derswands	1 1276	SANT	} •	Drilled by			PHED Same	~	. VN	
Static Water Level	28	No Data			Dynamic V (hearing)	Vater Level		56"		No Data	
Draw-down (hearing)	Starting 30° at 48t/sec (3,000gph		sent			Stopper De	oth	Not installe	।		
_	No Data			I		rvity (if availe		No Data			
		.1	T			Hydraulic		Thickness	1		
Aquifer	Name from (fi		Artesian Under	Lithe, Code Gr	Aquifer Age Q	Media Porous	Aquifer Type Unconfined	Œυ	1		
	Gravel (5 111	Water Table					26	1		
		111	Bedrook						l		
	IAMBA TIMBE			li				(Mr 17:	l ·		
Well Completion Date	1984-1985		- 7-			Date (If aba		Working			
Remarks	The serious problems of caving and the well mig	of this well a ght be aband	ire, "Decre Ioned in ne	ase of the car future".	Hecharge by The distance	y the ground se between v	water level vells in this	decline", "T area is too r	he well i varrow (3	is sinking b 30m to 50n	y the
Gasing/Screen Condition											
	PVC]		Screen Ty	pe		PVC, Slotte	id		
Screen Perforation Size	1mm]								
Screen Set Depth (ft)	From 8					I					
	to 11	4									
Remarks											

Pump Condition

Pump Type	Turbine (Vertical)	installation Depth	90'
Manifacturer	KSB	Year of Made	1984
Pump Diameter	4	Riser Pipe Diameter	[4"
Lift Height in Spec	400'	Lift Height in Working	100 (hearing)
Discharge in Spec (lit/sec)	6 (5,000galon/h)	Discharge in Working (lit/sec)	2 (1,500gal/h, hearing)
RPM	2,800	Lift Height to the elevated Tank	Tank spart 1km, lift height is 250'
Working Hours per Day	14	Working Days per Year	(Dheri Qasian) 11 months to 11 5 months
	Starting Present		Starting Present
Total Daily Discharge (m3/day)	190 100	Total Annual Discharge (m3/year)	
Remarks			
Motor Condition			
Manifacturer	SIEMENS	Year of Made	1984
Motor Capacity	380V, 30A	Electricity Comsump Per m3	
RPM	2,940	Horse Power	20
Remarks	*********		
	Well Inve	intory Sheet	
General			
Unit	Derawanda	Well Number	Rehabilitation
		MAN MOUNTAIN	Continuos Carrigos
Area Name	Derawanda	Coordinate (UTM)	
Altitude of Top of Well (AMSL, m)		Altitude of Ground Surface (AMSL,	
Well Completion Date	1995	Well Status	Working
Total Depth	194"	Diameter of the Top Casing.	10
Min Dia, of the Casing	10	Well Ownership	Unit Derawanda
Well Owner's Name	Unit Derawanda	Drilled by	PHED
Static Water Level	Starting Present 36' 120' (hearing)	Dynamic Water Level	Starting Present 75' 140' (hearing)
	Starting Present	(hearing)	
Draw-down (hearing)	39' at Blit/sec (5,000gph) 20' (hearing)	Automatic Stopper Depth	Not installed
Specific Yield (I/sec/m)	No Data	Transmissivity (if available)	No Data
Aquifer	Name from (ft) to (ft) Artesian Li	tho, Code Aquifer Age Hydraulic Media Aquifer Type	Thickness (ft)
	Gravel 48 58 Under Gr Sand 86 88 Water		10
	Gravel 130 140 Table Gravel 140 187		10 47
	187 Bedrook		
Well Completion Date	1995	Well Close Date (if abandoned)	Working
Remarks	Decrease of the discharge by the groundwater le		sking by the caving has not take place so
	far The distance between wells in this area is to	oo narrow (30m to 50m)	
Casing/Screen Condition			
Casing Type	Steel	Screen Type	Bress, Slotted
Screen Perforation Size	No Data		
Screen Set Depth (ft)	From 52 150 to 56 190		
Remarks	to 56 190		
- verificit for			
Pump Condition			
Pump Type	Turbine (Vertical)	Installation Depth	150'
Manifecturer	KSB 別添参考	Year of Made 计資料3既存并产品额	1984 24 ベージ

Pump Diameter	4"					Riser Pış	e Diameter		4"			
Lift Height in Spec	400			_		Lift Heig	ht in Workin	4	140" (her	tring)		
Discharge in Spec (lit/sec)	9 (7,000galon.	/h)		\supset		Discharg	e in Working	(lit/sec)	1.3 (1,00	Ogal/h, h	earing	
RPM	2.900			_		Lift Heigh	ht to the ele	vated Tank	Tenk apar	rt Ikm, lift	height is 250	7
Working Hours per Day	14			-		Working !	Days per Ye	ar	(Dheri Q		o months	
Total Daily Discharge (m3/day)	Starting	64	Present	<u> </u>					86	irting	Pre	eent
Remarks		104				Total An	nual Discher	ge (m3/year) [127,000		21,000	
remera	Pump is old.											
Mara - A Pr	<u> </u>					"						
Motor Condition	(Alexandra)			_								
Manifacturer	SIEMENS			_		Year of N	lade		1985			
Motor Capacity	380V, 42A]		Electricity	y Comsump.	Per m3				
RPM	2,950			J		Horse Po	wer		30			
Remarks	Motor is also	old.				****						
				Well In	ventory	Sheet						
General												
Unit	Derawanda				٦	Wall Man			M-7			
			•		J	Well Numi	Ser		No.2			
Area Name	Derewanda]	Coordinat	(UTM)		Long	ftude	Latit	ude
Altitude of Top of Well (AMSL, m)]	Altitude o	f Ground Su	rfave (AMSL,				
Well Completion Date	1985 - 1986]	Well Statu	18	,	Abandone	d		\equiv
Total Depth	162				J	Diameter o	f the Top Ca	sing.	8			
Min Dia. of the Casing	8"]	Well Owne	rship		Unit Dere	wanda		
Well Owner's Name	Unit Derawand	•]	Drilled by			PHED			
Pankin Manage bassal	Startin			iondoned]				Ster	ting	When abo	ndoned
Static Water Level	23'		(measured		j	Dynamic V (hearing)	Vater Level		43*		No Data	
				endoned	7							
Draw-down (hearing)	Starting 20' at 5.7it/sec		1		1	Automatic	Stooper De	eth	Not Install	ed		
Draw-down (hearing) Specific Yield (l/sec/m)			1		j 1		Stopper De	•	Not Install	ed		
Specific Yield (I/sec/m)	20' at 5.7lit/ser	: (4,500 ₈₀)	No Data		j]	Transmiss	ivity (if avail	•	No Data	ed		
_	20' at 5.7it/sec		No Data	Artesian	Litho, Code		ivity (if avail Hydraulic Media	able) Aquiter Type				
Specific Yield (I/sec/m)	20' at 5.7lit/ser No Data Name	(4,500gpl	No Data to (ft)	Artesian Under Water	Litho, Code S Gr	Transmiss	ivity (if avail	lable)	No Data			
Specific Yield (I/sec/m)	20' at 5.7lit/sec No Data Name Sand	(4,500 _{gpl}	to (ft)	Artesian Under	S	Transmiss	ivity (if avail Hydraulic Media	able) Aquiter Type	No Data			
Specific Yield (I/sec/m)	20' at 5.7lit/sec No Data Name Sand	(4,500 _{gpl}	to (ft)	Artesian Under Water Table	S	Transmiss	ivity (if avail Hydraulic Media	able) Aquiter Type	No Data			
Specific Yield (I/sec/m)	20' at 5.7lit/sec No Data Name Sand	(4,500 _{gpl}	to (ft)	Artesian Under Water Table	S	Transmiss	ivity (if avail Hydraulic Media	able) Aquiter Type	No Data			
Specific Yield (I/sec/m)	20' at 5.7lit/sec No Data Name Sand	(4,500 _{gpl}	to (ft)	Artesian Under Water Table	S	Transmiss Aquifer Ago	ivity (if avail Hydraulic Media	Aguiter Type Unconfined	No Data	ed S		
Specific Yield (I/sec/m) Aquifer	No Data No Data Name Sand Gravel T985 - 1986	from (%) 86 180	to (ft) 166 184 164 165 184	Artesian Under Water Table Bedrock	S Gr	Aquifer Age Q Well Close	Hydraulic Heda Porous	Aquiter Type Unconfined Indoned	Thickness (th)		een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date	No Data No Data Name Sand Gravel	from (%) 86 180	to (ft) 166 184 164 165 184	Artesian Under Water Table Bedrock	S Gr	Aquifer Age Q Well Close	Hydraulic Heda Porous	Aquiter Type Unconfined Indoned	Thickness (th)		een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date	No Data No Data Name Sand Gravel T985 - 1986	from (%) 86 180	to (ft) 166 184 164 165 184	Artesian Under Water Table Bedrock	S Gr	Aquifer Age Q Well Close	Hydraulic Heda Porous	Aquiter Type Unconfined Indoned	Thickness (th)		een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date	No Data No Data Name Sand Gravel T985 - 1986	from (%) 86 180	to (ft) 166 184 164 165 184	Artesian Under Water Table Bedrock	S Gr	Aquifer Age Q Well Close	Hydraulic Heda Porous	Aquiter Type Unconfined Indoned	Thickness (th)		een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks	No Data No Data Name Sand Gravel T985 - 1986	from (%) 86 180	to (ft) 166 184 164 165 184	Artesian Under Water Table Bedrock	S Gr	Aquifer Age Q Well Close	Hydraulic Heda Porous Date (if abe to the drop-	Aquiter Type Unconfined Indoned andoned down of the	Thickness (th)	ell has b	een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition	No Data No Data Name Sand Gravel T985 - 1988 The reason of the not suitable for	from (%) 86 180	to (ft) 166 184 164 165 184	Artesian Under Water Table Bedrock	S Gr	Aquifer Age C Well Close naged due 6	Hydraulic Heda Porous Date (if abe to the drop-	Aquiter Type Unconfined Indoned andoned down of the	Thickness (t).	ell has b	een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Type	No Data No Data No Data Name Sand Gravel T985 - 1988 The reason of t not suitable for	from (h) fro	to (ft) 166 164 164 165 166 175 175 175	Artesian Under Water Table Bedrock	S Gr	Aquifer Age C Well Close naged due 6	Hydraulic Heda Porous Date (if abe to the drop-	Aquiter Type Unconfined Indoned andoned down of the	Thickness (t).	ell has b	een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Type Screen Perforation Size	No Data No Data Name Sand Gravel T985 - 1988 The reason of the reason of the suitable for the suitable f	from (ft) from (ft) 86 190 he abanc	to (ft) 166 164 164 165 166 175 175 175	Artesian Under Water Table Bedrock	S Gr	Aquifer Age C Well Close naged due 6	Hydraulic Heda Porous Date (if abe to the drop-	Aquiter Type Unconfined Indoned andoned down of the	Thickness (t).	ell has b	een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft)	No Data No Data No Data Name Sand Gravel T985 - 1988 The reason of t not suitable for	from (h) fro	to (ft) 166 164 164 165 166 175 175 175	Artesian Under Water Table Bedrock	S Gr	Aquifer Age C Well Close naged due 6	Hydraulic Heda Porous Date (if abe to the drop-	Aquiter Type Unconfined Indoned andoned down of the	Thickness (t).	ell has b	een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks	No Data No Data No Data Name Sand Gravel T985 - 1988 The reason of t not suitable for	from (h) fro	to (ft) 166 164 164 165 166 175 175 175	Artesian Under Water Table Bedrock	S Gr	Aquifer Age C Well Close naged due 6	Hydraulic Heda Porous Date (if abe to the drop-	Aquiter Type Unconfined Indoned andoned down of the	Thickness (t).	ell has b	een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition	20' at 5.7lit/set No Data Name Sand Gravel T985 - 1986 The reason of t not suitable for PVC Imm	from (h) fro	to (ft) 166 164 164 165 166 175 175 175	Artesian Under Water Table Bedrock	S Gr	Aquifer Age C Well Close naged due 6	Hydraulic Heda Porous Date (if abe to the drop-	Aquiter Type Unconfined Indoned andoned down of the	Thickness (t).	ell has b	een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition	No Data No Data No Data Name Sand Gravel T985 - 1988 The reason of t not suitable for	from (h) fro	to (ft) 166 164 164 165 166 175 175 175	Artesian Under Water Table Bedrock	S Gr	Aquifer Age C Well Close naged due 6	Hydraulic Media Porous Date (if aba	Aquiter Type Unconfined Indoned down of the	Thickness (t).	ell has b	een collapse	d and
Specific Yield (I/sec/m) Aquifer Well Completion Date Remarks Casing/Screen Condition Casing Typa Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition Pump Type	20' at 5.7lit/set No Data Name Sand Gravel T985 - 1986 The reason of t not suitable for PVC Imm	from (h) fro	to (ft) 166 164 164 165 166 175 175 175	Artesian Under Water Table Bedrock	S Gr	Aquifer Ago Q Well Close naged due (Hydraulic Media Porous Date (if aba to the drop-	Aquiller Type Unconfined Indoned) down of the	No Data Thickness (%) 4 1984 well, The w	ell has b	een collapse	d and

Lift Height in Spec	No Data]		Lift Heigh		No Data					
Discharge in Spec (lit/sec)	No Data]		Discharge	ın Working ((lit/sec)	4 4 (3,500	gal/h, he	ring)	
RPM	No Data]		Lift Heigh	t to the elev	ated Tank	Tank apart		neight is 25	0"
Working Hours per Day	14]		Working D	ays per Yea	r	(Dhen Gar 11 months		months	
Takal Dadu Donahama (-071)	Starting	when 223	sbandoned]		Takal * :	- احمداً اور،	(6 /s 1	Start No Deta	ing	when a 75,000	bendoned
Total Daily Discharge (m3/day)	No Data			<u>. </u>		I otal Ann	ual Dischar	e (m3/year)	NO DETE		175,000	
Remarks	Pump has been	1 remove	đ									
		• • •		<u></u>								
Motor Condition				_								
Manifacturer	No Data]		Year of M	ade		No Data			
Motor Capacity	No Data]		Electricity	Comsump	Per m3		-		
RPM	No Data]		Horse Por	Тег		No Data			
Remarks	Motor has also	been rer	bevon									
	L					<u> </u>	· · · · · · · · · · · · · · · · · · ·					
				mi liew	ventory :	Sheet						
General												
Unit	Derawanda]	Well Numb	ber		No.3			
A M	The same the same				- 1	o	- #1 33 45		Lones	UGB		mode
Area Name	Usman Abad					Coordinat					I	
Altitude of Top of Well (AMSL, m)	1100						f Ground Su	rtave (AMSL,				
Well Completion Date	1996 - 1997				j •	Well Statu			Working			
Total Depth	No Data						f the Top Ca	sing.	8"			
Min. Dia. of the Gasing	8"				J -	Well Owne	ership		Unit Deray	randa		
Well Owner's Name	Unit Derawand				<u>.</u>	Druled by			PHED			
Static Water Level	No Data		No Data	sent	}		Nater Level		No Data	ing	No Data	esent
Draw-down (hearing)	Startinj No Date	<u> </u>	Pre No Data	sent	1	(hearing)	: Stopper De	oth	Not install	Nd .		
Specific Yield (I/sec/m)	No Data				, 1		ivity (If evel	•	No Data			
Opecatio Flesa (7 eac) my				·····	J -	T						
Aquifer No Data	Name	from (ft)	to (ft)	Artesian	Litho Code	Aquiter Age	Hydraulic Media	Aquifer Type	Thickness (ft)	4		
				-						1		
		İ				İ.,	İ		<u> </u>	1		
Well Completion Date	1996 - 1997				l	Well Close	Date (if abo	indoned)	Working			
Remarks	According to the											
	but four wells i	ieve beer	abandone	d in additi	on to the p	oor equiler,	, the wells a					
	won points						•					
Casing/Screen Condition												
Casing Type	NO Data			1		Screen Ty	/p e		No Data			
Screen Perforation Size	No Data											
Screen Set Depth (ft) No Data	From_											
Remarks					·	· · · · · · · · · · · · · · · · · · ·	·		•	·		
Pump Condition												
Pump Type	Submergible]		Installation	Depth		150'			
Manifactures	KSB					Year of Me	ade		1996			
Pump Diameter	4"			}		Riser Pipe	Diameter		4"			
Lift Height in Spec	630']		Lift Height	in Working		(Pressure (auge sh	owa 8kg/c	m2)
Discharge in Spec (lit/sec)	7 5 (6,000gal/h))		I			ın Working (3 8 (3,000g			
						~ •						

Discharge in Spec (lit/sec)

	2,9	Ю Н	P 2	0		Lift Heig	ht to the ele	vated Tank	Tank apar		ft height	is 300'	
Working Hours per Day	14					Working	Days per Ye	ar	(Dheri Qu 11 month		months		<u> </u>
Total Daily Discharge (m3/day)	Starting No. 70	when	benobned	7						rting		n abendone	<u> </u>
Remarks	No Data	102		<u></u>		Total An	wal Dischar	ge (m3/yea) No Deta		84,000	****	<u> </u>
(VOITIBLES													
Motor Condition													
Manifacturer				,								-	
						Year of I	lade						
Motor Capacity				_		Electricit	y Comaump.	Per m3					
RPM						Horse Po	Wer						
Remarks	Not applicable	•											
	L.,		·———					-					
				Well In	ventory	Sheet							
General													
Unit	Banda Phugwa	nan			3	Well Num	ber		No.1				_
Area Name	Sikandar Abad				- -				Lone	11121		Entrop	_
Altitude of Top of Well (AMSI_ m)	OKERGE 7,040				J 7	Coordina					<u> </u>		-
Well Completion Date	1991				<u>.</u>		f Ground Su	rfave (AMSL,					_
Total Depth	298'				J 7	Well State			Abandone	d			
Min. Dia. of the Casing	10"						f the Top Ca	sing.	10"				_
Well Owner's Name	Unit Banda Ph					Well Own	ership		Unit Band	a Phugw	erien		_
Alen Calife 2 Legite			T		j	Ornled by			PHED.				_
Static Water Level	Startin 5'		No Data	endoned	ļ		Vator Lovel		25'	ting	50" (hea	nbondoned ring)	
Draw-down (hearing)	Starting 20° at 7.68t/se			ndoned	Ì	(hearing)	. .						
Specific Yield (I/sec/m)	No Data	2 (0,000gpr	NO DATE] •		Stopper De		Not install	e d			_
Specific Yield (/ sec/ m/	NO DETE				J 	Transmiss	wity (If avail	abie)	No Duta				_
Aquifer	Name Getvel	from (ft)	to (ft)	Arteelan	Lithe, Code		Hydrauks Media	Aquiter Type	1 00]			
		125 136 218	192	Under Water Table	Gr	Q	Porous	Unconfined	56	ij			
		260		1 abre	-				27				
		 	290	-	<u> </u>	 							
			290							1			
			290										
Well Completion Date	1985 - 1986		290			Well Close	Date (if aba	ndoned)	1994				
Well Completion Date	1985 - 1986 As the well and			unk by the	e caving, th				1994				<u>ם</u> ך
•				unk by the	e caving, th				1994				3
•				unk by the	e caving, th				1994]
•				unk by the	coving, th				1994				_
Remarks				unk by the	e caving, th		ibandoned	The well has	1994	d			
Remarks Casing/Screen Condition	As the well and			unk by the	e caving, th	e well was	ibandoned	The well has	1994 been filled.	d			
Remarks Casing/Screen Condition Casing Type	As the well and			unk by the) e caving, th	e well was	ibandoned	The well has	1994 been filled.	d			
Remarks Casing/Screen Condition Casing Type Screen Perforation Size	As the well and	ite charr	ber were s	284	e caving, th	e well was	ibandoned	The well has	1994 been filled.	d			
Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft)	As the well and	ite charr	ber were s	284) e caving, th	e well was	ibandoned	The well has	1994 been filled.				
Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks	As the well and	ite charr	ber were s	284	e caving, th	e well was	ibandoned	The well has	1994 been filled.	d			
Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition	As the well and PVC Imm From to	ite charr	ber were s	284) e caving, th	s well was s	bendoned 1	The well has	1994 been filled.	ed .			
Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition Pump Type	PVC Imm From to	ite charr	ber were s	284	e caving, th	Screen Ty	Depth	The well has	1994 been filled. PVC, Slotte	d			
Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition Pump Type Manifacturer	As the well and PVC Imm From to No Data	ite charr	ber were s	284	e caving, th	Screen Ty	Depth de	The well has	1994 been filled. PVC, Slotte No Data				
Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition Pump Type Manifacturer Pump Diameter	PVC Imm From to No Data No Data	ite charr	ber were s	284	e caving, th	Screen Ty	Depth de	The well has	1994 been filled. PVC, Slotte No Data No Data	• d			
Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition Pump Type Manifacturer Pump Diameter Lift Height in Spec	As the well and PVC Imm From to No Data No Data No Data	ite charr	ber were s	284		Screen Ty Installation Year of Ma Riser Pipe	Depth de Diameter	The well has	1994 been filled. PVC, Slotte No Data No Data No Data				
Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition Pump Type Manifacturer Pump Diameter Lift Height in Spec Diacharge in Spec (lit/sec)	PVC Imm From to No Data No Data No Data No Data	ite charr	ber were s	284		Screen Ty Installation Year of Ma Riser Pipe Lift Height Discharge	Depth de Diameter In Working (I	The well has	1994 been filled. PVC, Slotte No Data No Data No Data No Data	J/h, hea			
Remarks Casing/Screen Condition Casing Type Screen Perforation Size Screen Set Depth (ft) Remarks Pump Condition Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM	As the well and PVC Imm From to No Data No Data No Data	ite charr	ber were s	284		Screen Ty Installation Year of Ma Riser Pipe Lift Height Lift Height	Depth de Diameter	t/sec)	1994 been filled. PVC, Slotte No Data No Data No Data	ll/h, hea	ight is 90		

Total Daily Discharge (m3/day)	Starting when abandoned No Data 223 (hearing)	Total Annual Discharge (m3/yea	Starting when abendoned r) No Data 75000 (hearing)
Remarks	Pump has been removed		
Motor Condition			
Manifacturer	No Data	Year of Made	No Data
Motor Capacity	No Data	Electricity Comaump, Per m3	
RPM	No Data	Horse Power	No Data
Remarks	Motor has also been removed		
	Well Invento	ory Sheet	
General			
Unit	Banda Phugwanan	Well Number	No.2
Area Name	Sikandar Abad	Coordinate (UTM)	Longitude Latitude
Altitude of Top of Well (AMSL m)		Altriude of Ground Surfave (AMS)	
Well Completion Date	1983 - 1984	Well Status	Abendoned
Total Depth	279"	Diameter of the Top Casing.	10"
Min Dia of the Casing	8"	Well Ownership	Unit Banda Phugwarian
Well Owner's Name	Unit Benda Phugwarian	Drilled by	PHED
Static Water Level	Starting when abandoned Flowing No Data	Dynamic Water Level	Starting when abondoned
Draw-down (hearing)	Starting when abandoned 60' at 10lit/sec (8,000gph) No Data	(hearing) Automatic Stopper Depth	Not installed
Specific Yield (I/sec/m)	No Data	Transmissivity (if available)	No Data
Aquifer	Name from (ft) to (ft) Artessan Litho	Code Aquifer Age Hydraulic Aquifer Ty	Thickness
, seferitor	sand 102 120 Artesian S	Q Porous Semi-	18
	138 150 152 178 217 234	Confined	14 26
	242 255 258 275		17 13 17
	200 270		11
Well Completion Date	1983 - 1984	Well Close Date (if shandoned)	[1989
Remarks	The well was abandoned because of sinking of well		
T. O. I. D. C. C. C. C. C. C. C. C. C. C. C. C. C.	THE WELL WEST STREET,	LAGE SUITABLE TO HIGHER HIRE ES IT (152 D.	agit Hiled.
Casing/Screen Condition	(Steel		(et) el-M
Casing Type	Steel	Screen Type	Steel, Slotted
Screen Perforation Size	1mm		
Screen Set Depth (ft)	From 138 154 219 to 148 174 229	242 262 252 272	
Remarks			
Pump Condition			
Pump Type	Submergible	Installation Depth	100' (hearing)
Manifacturer	No Data	Year of Made	No Data
Pump Diameter	No Data	Riser Pipe Diameter	No Data
Lift Height in Spec.	No Data	Lift Height in Working	No Data
Discharge in Spec (lit/sec)	No Data	Discharge in Working (lit/sec)	10 (8,000gal/h, hearing)
RPM	No Data	Lift Height to the elevated Tank	Tank apart 2km, lift height is 900'
Working Hours per Day	14	Working Days per Year	(Top of the Hill) 11 months to 115 months
Total Daily Discharge (m3/day)	Starting when abandoned No Data 509 (hearing)	Total Annual Discharge (m3/year	
	別添参考資:	料3既存井戸台帳	28 <-

Remarks	Pump has be	en remay	ed and reu	ead in wal	No 24 loca	tad lest ha	anda of this			 .		
						ned ther per	POW OF LINE	₽ ₩₩				
Motor Condition												
Manifecturer				_		Year of M	lade					
Motor Capacity				_		Electricit	y Comaump	Per m3				_
RPM				_ 		Horse Po						_
Remarks	Not applicable											_
				Well Ir	ventory	Sheet						
General												
Unit	Rende Shue				_							
Ont	Banda Phugwe	irun			J	Well Numi	er •		No.ZA			
Area Name	Sikandar Abad				3	Coordinat	(UTM)		LONEIL		Littrees	
Altitude of Top of Well (AMSL, m)]	Altitude o	f Ground Su	ırfave (AMSL				
Well Completion Date	1998	•]	Well Statu	•		Working			
Total Depth	300']	Diameter o	f the Top Ce	aing.	10"			
Min. Dis. of the Casing	10"		-]	Well Owne	rship		Unit Banda	Phugwarian		\Box
Well Owner's Name	Unit Banda Ph	ugwarian]	Driiled by			PHED			
Static Water Level	Starting 20'	<u> </u>	40' Pre	eent	}	Dynamic Y	Vater Level		Starti 30'	n∉ 50°	Present	\exists
	Starting		Pre	eent	1	(hearing)						_
Draw-down (hearing)	10" at 7 6lit/se	C (6,000gp)	10" at 6.3	lit/sec	j	Autometic	Stopper De	pth	Not Installe	d		
Specific Yield (I/sec/m)	No Data]	Transmissi	ivity (if avai	lable)	No Data			
Aquifer	Name	from (ft)	to (ft)	Artenian	Lithe. Code	Aquifor Ago	Hydraulic Media	Aquifer Type	Thickness (ft)			
Same with Well No.2												
Well Completion Date	1998					Well Close	Date (if aba	indoned)	Working			\neg
Remarks	Problems have	not been	found so f	ar								$\vec{\neg}$
												╛
Casing/Screen Condition												
Casing Type	Steel					Screen Typ	•		Steel, Slotte	ıd		
Screen Perforation Size	Tmm)								
Screen Set Depth (ft) Same with well No.2	From to	-										コ
Remarks												_
	<u></u>											┙
Pump Condition												
Pump Type	Submergible				ı	installation	Depth	İ	100' (hearing	9		J
Manifacturer	KSB				•	Year of Mac	le		1992			J
Pump Diameter	4"					Riser Pipe C	Diameter	i	4*			
Lift Height in Spec	800.				1	Lift Height l	n Working	ſ	50' (hearing)		M-1]
Discharge in Spec (lit/sec)	7 8 (6,000gal/h)					Discharge m	Working (III	t/sec) [8.3 (5,000gal	/h, hearing)		コ
RPM	2,900	HP[50		ι	uft Height t	o the elevat		Tenk epert 2k		900	
Working Hours per Day	14				١	Vorking Day	s per Year		(Top of the F 11 months to			3
Total Daily Discharge (m3/day)	Starting 382	when abo			,	Total Annu-	l Dunchasses	(m3/year)	Starting 128 (20)		en shandoned 00 (hearing)	7
Remarks					<u> </u>	FHRE		VIN/ JUEI/ L		1,07,0	- AMERICA	_ <u></u>

Motor Condition				
Manifacturer			Year of Made	
Motor Capacity			Electricity Comsump Per m3	
RPM			Horse Power	
Remarks	Not applicable			
	Well Inv	entory S	Sheet	
General				
Unit	Salhad	İ	Well Number	No.1
Area Name	Kund		Coordinate (UTM)	Longitude Letitude
Altitude of Top of Well (AMSL, m)			Altitude of Ground Surfave (AMSL,	
Well Completion Date	1994 - 1995		Well Status	Working
Total Depth	310'		Diameter of the Top Casing.	10"
Min Dia. of the Casing	8"		Well Ownership	Unit Salhad
Well Owner's Name	Unit Salhed		Draled by	PHED
Static Water Level	Starting Present 32" No Data		Dynamic Water Level (hearing)	Present Starting Present 42' 100' (hearing)
Draw-down (hearing)	Starting Present 10' at 10Ht/sec (8,000gph) 10' at 6,3 lit/sec		Automatic Stopper Depth	Not installed
Specific Yield (I/sec/m)	No Data		Transmiservity (if available)	No Data
Aquifer	Name from (b) to (b) Artesian	Litho. Code Gr	Aquifer Age Media Q Porous Unconfined	1 100
Well Completion Date	1994 - 1995		Well Close Date (if abandoned)	Working
Remarks	Problems have not been found so far Ground the lowest terrace of the valley	water level	is lower than surface water level is	Nulla Catha by about 6m. Located on
Casing/Screen Condition				
Casing Type	Steel		Screen Type	Steel, Slotted
Screen Perforation Size	1mm			
Screen Set Depth (ft)	From 145 190 246	270		
D	to 151 214 254	286		<u> </u>
Remarks				
Pump Condition				
Pump Type	Submergible		Installation Depth	120' (hearing)
Manifacturer	KSB		Year of Made	No Data
Pump Diameter	4"		Riser Pipe Diameter	[4"
Lift Height in Spec	[630'		Lift Height in Working	100' (hearing)
-	6,3 (5,000gal/h)			5 (4,000gal/h, hearing)
Discharge in Spec. (lit/sec)	·		Lift Height to the elevated Tank	Tank spart 1.5km, lift height is 600
RPM	[2,900] HP 22		-	11 months to 11.5 months
Working Hours per Day	Starting Present		Working Days per Year	Starting Present
Total Daily Discharge (m3/day)	318 255 (hearing)		Total Annual Discharge (m3/year)	107,000 86,000 (hearing)
Remarks				

Motor Condition											
Manifacturer						Year of I	Made			-	
Motor Capacity				_		Electricit	y Comeump	Per m3			
RPM				_ 		Horse Po					
Remarks	Not applicable										
				Well In	ventory	Sheet					
General											
Unit	Sahad				7	16f-W N1	.		fu- n		
					j	Well Num	Der		No.2		
Area Name	Kund]	Coordinat	te (UTM)		Longi	tude	Latitude
Altitude of Top of Well (AMSL, m)]	Altitude o	of Ground Si	urfave (AMS		-	
Well Completion Date	1996				j	Well State	18		Working		
Total Depth	280			-]	Diameter o	of the Top Co	ssing.	10"		
Min. Dis. of the Casing	10"				Ī	Well Own	ership		Unit Saha	a	
Well Owner's Name	Unit Salhad				1	Drilled by			PHED		
a	Starting			ent	1				Start	ing	Present
Static Water Level	38,		No Data			Dynamic (hearing)	Nater Level		70'	80° (he	aring
Draw-down (hearing)	Starting 32° at 6.3lit/se			peni		Automatic	: Stopper De	epth	Not installe	ed	
Specific Yield (I/sec/m)	No Data	-				Transmiss	ivity (if avai	lable)	No Data		
Aquifer	Name	from (ft)	to (ft)	A-A		I	Hydraulio	T	Thiokness	1	
riquita	Gravel	66	67	Arteeian No	Gr.	Aquifer Age Q	Media Perous	Aquifur Typ		ļ	
		78 101	97 120						21 19		
		137 142	139 146						2	1	
		149	157 172						11	ì	
		174 184	178 193						9	1	
		207 241	236 257						29 18		
Well Completion Date	1996					Well Close	Date (if abo	indoned)	Working		<u> </u>
Remarks	It is reported b	y the wel	watchmer	that the	discharge in	decreasin	g because o	of the dynar	nic water leve	el decline Groun	dwater level
	le lower than su	rface wai	ter level in	Nulla Gati	a by about	6m. Locate	ed on the ko	west terrac	e of the valle	y	
											
Casing/Screen Condition											
Casing Type	Steel					Screen Ty) 4		Steel, Slotte	ed	
Screen Perforation Size	1.5mm										
Screen Set Depth (ft)	From	87	103	150	165	173	200	240	DL. T		
	to	95	119	155	169	177	235	256	8[
Remarks											
Pump Condition											
Ритр Туре	Submergible					installatio n	Depth		140"		
Manifacturer	KSB					Year of Ma	de		No Data		
Pump Diameter	4"					Riser Pipe			4-	·	
Lift Height in Spec.	660		-						(B) (baselow)		
Discharge in Spec. (lit/sec)	10 (8,000gal/h)					Lift Height Discharm i		it (aa-1	BO (hearing)		
RPM	2,900	нРГ	90 51				n Working (li		[8,3 (5,000ga		5002
Working Hours per Day	[14	L	30.5			_	to the eleve			5km, lift height is	
erectorité récette bat nail	Starting	Pro			,	HORKING DA	ys per Year			o 11.5 months	
Total Daily Discharge (m3/day)	509	18 (hear			1	Fotal Annu	d Discharge	(m3/year)	\$terting 171,000		resent (hearing)
Remarks											
	1										

Motor Condition												
Manifacturer]		Year of Mo	ade						
Motor Capacity]		Electricity	Comsump	Per m3					
RPM			1		Horse Pov	ver						
Remarks	Not applicable											
			Well In	ventory :	Sheet			-				
General												
Unit/Town	Town Nawan Shahr]	Well Numb	er		No 1				
Area Name	Nawan Shahr]	Coordinate	(MTU)		Constant				
Altitude of Top of Well (AMSL, m)			···]	Altitude of	Ground Su	rfave (AMSL	·				
Well Completion Date	1998, Nov.]	Well Statu	8		Working				
Total Depth	93 11m			1	Diameter of	f the Top Car	KIN S .	10"				
Min Dia. of the Casing	10"]	Well Owne	rship		Town Nawen Shahr				
Well Owner's Name	Town Nawan Shahr			1	Druled by			Kfw				
	Starting		uent .	1				Starting Present				
Static Water Level	27 1m	No Data] -	Dynamic W (hearing)	Vater Level		40 1m No Data				
Draw-down (hearing)	13.0m	No Date	##nt		Automatic	Stopper De	pth	Not Installed				
Specific Yield (I/sec/m)	at 23l/sec (18000gph) No Data	·		1	Transmiss	ivity (if avail	inhia)	No Data				
openio ricia (// pps/ iii/				J	1121011110		,					
Aquifer	Name from 6		Artesian No	Lithe Code Gr/Bi	Aquifer Age Q	Hydraulic Media Porous	Aquifer Type Unconfined	1 400				
).8 29).5 37.5		U17 D1	<u> </u>	-01008	Oncomme	18.2				
		64 67	1					3				
		69 75 87 90						6 3				
		- 						 				
Well Completion Date	1998				Well Close	Date (if aba	indoned)	Working				
Remarks	No problem Located j	ust foot of ti	a elevated	water tani	k							
					-							
Casing/Screen Condition				•								
Casing Type	GRP (FRP)		1		C T			GRP, Slotted				
			;		Screen Typ	pe		urr, Siotted				
Screen Perforation Size	No Data		! 									
Screen Set Depth (m)		1 64 7 66.4		87 90								
Remarks	<u> </u>											
	<u></u>							*** . ***				
Pump Condition			_									
Pump Type	Submergible		j		installation	Depth		150'				
Manifacturer	Pakistan Enigineering Co	mpany (PEC(Year of Ma	de		1999				
Pump Diameter	4"				Riser Pipe	Diameter		4"				
Lift Height in Spec	37.1m				Lift Height	in Working		NO Data, may be about 40m?				
Discharge in Spec (lit/sec)	15lit/sec		l		Discharge i	n Working (i	it/sec)	13lit/sec (0 8m3/min)				
RPM	2,900 H	P 15	1		Lift Hausht	to the eleva	stad Tank	measured by flow mwter, 4-1-'03 Tank height is 15m				
Working Hours per Day	14		 		_			11 months to 11.5 months				
Working House per Day		Propert	l 1		THORNING CAL	ya per Year						
Total Daily Discharge (m3/day)	Starting 806 655	Present			Total Annu	ai Discharge	(m3/year)	Starting Present				
Remarks												
	1											
Motor Condition												
Manifacturer					Year of Mag	de	ĺ					
Motor Capacity			Q4 55 44	·		Comeump P	er m3					
			別率与	一方實料3問	[分开产台		,	32 ページ				

RPM				-		Horse Power							
Remarks	Not applicable										二		
											ĺ		
	· · · · · · · · · · · · · · · · · · ·			Well In	ventory	Sheet			***				
General													
Unit/Town	Town Nawan S	5252			7								
Unit/ 10wn	TOWN REWENTS	DURF			J	Well Numi	ber		No.2				
Area Name	Nawan Shahr			-	3	Coordinat	e (UTM)		Longi	tude Latitude			
Altitude of Top of Well (AMSL, m)]	Altitude o	f Ground Su	rfave (AMSL					
Well Completion Date	1997, May		,-=]	Well Statu	IS		Working				
Total Depth	113.5m]	Diameter o	f the Top Ce	sing.	10"				
Min Dia. of the Casing	10"]	Well Owne	rahip		Town Newan Shehr				
Well Owner's Name	Town Nawan S	hahr	•		J	Drilled by			Klw				
Static Water Level	Starting Flowing		Not flowin	eent	1	Dynamic V	Vater Level		Starti >33m	ing Present			
	Starting			sent .	, 1	Cytablic 1	12101 CAA61		70011				
Draw-down (hearing)	33m at 20.4lit/seq		No Data		1	Automatic	Stopper De	ipth	Not install	ed.			
Specific Yield (I/sec/m)	No Data]	Transmiss	rvity (if avai	iable)	No Date				
Aquifer	Nume	from (m)	to (m)	Artesian	Lithe. Code	Aquifer Age	Hydraulic	Aquifor Type	Thickness	1			
No Data		mon pro		70 tessen	Little Cope	Vehine Vie	Media	Admini type	(m)				
Well Completion Date	1997			· · · · · · · · · · · · · · · · · · ·	<u> </u>	Well Close	Date (if abs	underned)	Working	J	_		
Remarks	Well dropping do	wn has s	started as	same man	ner as TMA						_		
Casing/Screen Condition													
Gasing Type	GRP (FRP)]		Screen Ty	pe		GRP, Slotte	id .	\Box		
Screen Perforation Size	No Data												
Screen Set Depth (m)	From												
No Date	to								!				
Remarks													
								···					
Pump Condition													
Pump Type	Submergible					installation	Depth		180' (hearin	e)			
Manifacturer	Pakistan Enigineer	ring Comp	eny (PEC(Year of Ma	de		1997				
Pump Diameter	4"					Riser Pipe :	Diameter		4"				
Lift Height in Spec.	53m					Lift Height	in Working		NO Data, m	ay be about 40m?	=		
Discharge in Spec (lit/sec)	8.5lit/sec					Discharge :	n Working (i	it/sec)	6.3lit/sec (0	.38m3/min)			
RPM	2,900	нрГ	8.5				ا ــــاف مه	4_d T!		y flow mwter, 4-1-03 he tank: 500m, H: 20m			
Working Hours per Day	14	arL	8.5				to the eleva			o 11.5 months			
Training Floreite per UEy	Starting	Pr	sent			HOI KING DA	ys per Year	1	Startin				
Total Daily Discharge (m3/day)	428 3	20	- 3.77			Total Annua	al Discharge	(m3/year)		107,000	\exists		
Remarks				-						.			
Motor Condition													
Manifacturer					•	Year of Mad	io	Î					
Motor Capacity					ı	Electricity C	Comsump. P	er m3					
RPM				- 新田		Horse Powe 存井戸台朝		1	74.55				

Remarks	Not applicable											Ì
				Well In	ventory	Sheet	·-					
General												
Unit/Town	Town Nawan S	hahr			1	Well Numb	er Per		No.3			
Area Name	Nawan Shahr]	Coordinate	e (UTM)		Longit	rde -	Lartetu	de
Altitude of Top of Well (AMSL, m)]	Altitude of	Ground Su	rfave (AMSL,	ſ			
Well Completion Date	1997, August]	Well Statu	18		Working			
Total Depth	113.5m]	Diameter of	f the Top Ca	sing.	10"	· · · · · · ·		
Min. Dia. of the Casing	10"]	Well Owne	rahip		Town Naw	ın Shahı	r	
Well Owner's Name	Town Nawan S	hahr			1	Drilled by			Khw			
Static Water Level	Starting No Data	-	No Data	eent]	Dynamic Y	Vater Level		Starting Present No Data No Data			ent
Draw-down (hearing)	Starting No Data		No Data	tneet]	Automatic	Stopper De	pth	Not installed			
Specific Yield (I/sec/m)	No Data]	Transmiss	lvity (if avai	lable)	No Data			
Aquifer	Name	from (m)	to (m)	Artesian	Litho. Code	Aquifer Age	Hydraulio Media	Aquifer Type	Thickness			
No Data							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(m)			
									-			
Well Completion Date	1998				1	Well Close	Date (if abo	indoned)	Working			
Remarks	No problem so	fer										
Gasmg/Screen Condition												
Gasing Type	GRP (FRP)			l		Screen Ty	pe		GRP, Slotte	rd		
Screen Perforation Size	No Data			l								
Screen Set Depth (m) No Data	From to											
Remarks										-7		=
D 0 42					·····							
Pump Condition	Submergible								HEAL A.			
Pump Type				l		Installation			150' (hearin	v		
Manifecturer	Pakistan Eniginee	ring Com	peny (PECC			Year of Ma			1998			
Pump Diameter	4"					Riser Pipe	Diameter		4			
Lift Height in Spec.	45.5m					Lift Height	in Working		NO Data			
Discharge in Spec (lit/sec)	19.5lit/sec					Diacharge i	in Working (it/sec)	14.7lit/sec measured b		/min) wter, 4-1-'0)3
RPM	2,900	HP	16.5			Lift Height	to the eleva	ited Tank	·		300m, H to Ta	abic 20m
Working Hours per Day	14					Working Da	iys per Year		11 months			
Total Daily Discharge (m3/day)	Starting 983	740	esent			Total Annu	al Discharge	(m3/year)	Startin 330,000		Preser 248,000	nt
Remarks											······································	
	<u> </u>										-, -,	
Motor Condition												
Manifacturer						Year of Ma	de					
Motor Capacity												
,						Electricity (Comsump F	er m3				
RPM						Electricity (Per m3				

Well Inventory Sheet

General					•							
Unit	Jhangi				7	101 11 61 .			No.1			
						Well Num	Der		No 1	uos (Lauruos		
Area Name	Jhangi]	Coordinate	(UTM)					
Altitude of Top of Well (AMSL, m]	Altitude of	i Ground Su	rfave (AMSL				
Well Completion Date	1979]	Well Statu	•		Working			
Total Depth	No Data]	Diameter o	f the Top Car	sing.	10"			
Min. Dia. of the Casing	10"]	Well Owne	rahip		Unit Jhang			
Well Owner's Name	Unit Jhangi]	Drilled by			PHED			
Static Water Level	Starting No Data		Pre 20" (heari	ment ng)]	Dynamic V	later Level		Starting Present No Data 30" (hearing)			
Drew-down	No Data		10' at 12.0	eent 5 lit/sec		Automatic	Stopper De	pth	Not Installe	d		
Specific Yield (I/sec/m)	No Data				ì	Transmissi	vity (if avail	able)	No Data			
Aquifer	(hearing) No Data Name from (ft) so (ft) Artesian 1979 Old well, but well functioning because of the				Lithe, Code	Aquifer Age	Hydraulic	Aquifer Type	Thickness			
No Data	1978						Media	reporter Type	(H)			
Well Completion Date	1979					Well Close	Date (if aba	ndoned)	Working			
Remarks	Old well, but we	Il function	ning becau	se of the p	rood aquife	r. Water leve	of both of	statio and o	dynamic can	be measured.		
0												
Casing/Screen Condition	antres."											
Casing Type	PVC					Screen Typ	e		PVC, Slotte	d		
Screen Perforation Size	No Data											
Screen Set Depth (ft) No Data	From to											
Remarks												
Pump Condition	<u> </u>											
Pump Type	Submergible					Installation I	Death	1	120' (hearing	, ·····		
Manifacturer	No Data, Donate	d by UNI	CEF			Year of Mad	•		1974	ž		
Pump Diameter	4"					Riser Pipe C		L	7"			
Lift Height in Spec	500					Lift Height is		T.	30" (hearing)			
Discharge in Spec. (lit/sec)	12.8 (10,000gal/	ง				Discharge in	_			ral/h, hearing)		
RPM	2,900	HP	50			Lift Height t	-	ed Tank [Tank apart 12	Son, lift height is 400°		
	14	,			1	Working Day	a per Year	_	Pressure gau 11 months to	age shows 330 psi.		
Working Hours per Day	<u> </u>											
Total Daily Discharge (m3/day)	Starting	Pres 36 (hear				Total Annual	Discharge	(m3/year)	Starting 213,000			
	Starting	36 (hear	ng)			Total Annual	Discharge ((m3/yeer)		Present		
Total Daily Discharge (m3/day)	Starting 536	36 (hear	ng)			Total Assual	Discharge	(m3/year)		Present		
Total Daily Discharge (m3/day)	Starting 536	36 (hear	ng)			Total Annual	Discharge	(m3/year)		Present		
Total Daily Discharge (m3/day)	Starting 536	36 (hear	ng)			Total Annual	Discharge	(m3/yeer)		Present		
Total Daily Discharge (m3/day) Remarks	Starting 536	36 (hear	ng)			Total Annual		(m3/yeer) [Present		
Total Daily Discharge (m3/day) Remarks Motor Condition	Starting 536	36 (hear	ng)				•			Present		
Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer	Starting 536	36 (hear	ng)		,	Year of Made	omsump Pe			Present		

	-			Well Inv	ventory S	Sheet						
General												
Unit	Jhangi]	Well Numb	er		No.2			
Area Name	Jhangi				1	Coordinate	(ПТМ)		Longitu	ide	Lati	tude
Altitude of Top of Well (AMSL, m)					, 1			rfave (AMSL,				
•	1991 - 1992				, 1			IIEAR (JWSL	Working			
Well Completion Date	No Data) 1	Well Status Diameter of the Top Casing.						
Total Depth) 1			sing.	10"			
Min Dia, of the Casing	10"					Well Owner	rship		Unit Jhangi			
Well Owner's Name	Unit Jhangi				!	Drilled by			PHED			
Static Water Level	Starting 20'		No Data	sent		Dynamic W	ater Level		Startii 55'	<u> </u>	No Data	ent .
	Starting			eent	1							
Draw-down	35' at 7.2llt/sec (5,200gph)		No Data		 -	Automatic	Stopper De	pth	Not installe	<u>d</u>		
Specific Yield (I/sec/m)	No Data				l	Transmissi	vity (if avail	able)	No Data			
Aquifer	Name	from (ft)	to (ft)	Artesian	Litho Code	Aquifor Age	Hydraulic Media	Aquifer Type	Thickness (ft)	Í		
	Gravel with Cla Fine Gravel	0 42	42 67		Ğr	Q	Porous	Unconfined	42 25			
	Gravel with Clay Fine Gravel	67 90	90 100						23 10			
	Fine Gravel	155	156						1			
				-								
Well Completion Date	1992				<u>'</u>	Well Ciose	Date (if aba	indoned)	Working			
Remarks	Well is function	ne verv	veli haceve	e of the s	and souter							
, (D111m) No.	11011 10 1011011011	116 70.7	Nan Decada	o or the g	ood aquiler							
0/0				·		 		· · · · · ·				
Casing/Screen Condition	Steel								Brass, Sloti			
Casing Type	Steel] ,		Screen Typ	D e		Briss, Siot	90		
Screen Perforation Size	No Data]				,	,		,	
Screen Set Depth (ft)	From to	50 66										
Remarks												
Pump Condition				_								
Pump Type	Turbine (Vertica	T)]		installation	Depth		85' (hearing)		
Manifacturer	KSB		·]		Year of Ma	de		1993			
Pump Diameter	4"]		Riser Pipe	Diameter		4			
Lift Height in Spec.	950']		Lift Height	in Working		No Data		·	
Discharge in Spec (lit/sec)	76 (5,000gai/h)]		Discharge i	n Working (lit/sec)	6.3 (5,000gs	I/h, hea	ring)	
RPM	2,900	нР	40)		Lift Height	to the elevi	ated Tank	Tank apart 1	6km, lift	height is 85	O'
Working Hours per Day	14			1		Working Da	ys per Year	•	11 months	o 11.5	months	
	Starting	Pr	esent	-]					Stertin	*	Pres	wint
Total Daily Discharge (m3/day)	382	318 (hea	ring)	l		Total Annu	al Discharge	m3/year)	128,000		107,000 (h	(gnine
Remarks	No data plate											
Motor Condition				_								
Manifecturer	Siemena			J		Year of Ma	de		1989			
Motor Capacity	380V, 57A		1	!		Electricity	Comsump f	Per m3				
RPM	2950			l		Horse Pow	er		40			
Remarks												
												ł

General													
Unit	Lama Maira]	Well Numi	Well Number			one we	il)		
Area Name	Lama Maira]	Coordinat	• (UTM)		Long	tude	Ε	Latitude	
Altitude of Top of Well (AMSL, m)					3	Altıtude o	f Ground Su	rfave (AMSL					
Well Completion Date	1991 - 1992]	Well Status		Working					
Total Depth	No Data]	Diameter o	Diameter of the Top Casing.		No Data	No Data			
Min Dia, of the Casing	No Data]	Well Ownership		Unit Lama Maira				=	
Wall Owner's Name	Unit Lema Mai	ra]	Drilled by			PHED				二
Static Water Level	Starting No Data		Pre No Data	eent]	Dynamic V	Vater Level		Star No Data	ting	No Dat	Present E	\equiv
Draw-down	Starting No Date		Pre No Data	eent]	A	C		Not Install				
Specific Yield (!/sec/m)	No Data				J 7		Stopper De	•					
						I FALTISATI INC.	ivity (if avail	able)	No Data				
Aquifer No Data	Name	from (ft)	to (ft)	Artesian	Lithe. Code	Aquiter Age	Hydraulic Media	Aquifer Type	Thickness (ft)]			
										1			
		<u> </u>				ļ				1			
									<u> </u>	1			
										ł			
Well Completion Date	1982					Well Close	Date (if abs	ndoned)	Working				
Remarks	The problem of	this well	is severe (roundwat	er decline v	hich cause	decrease o	of the disch	arze. But no	concret	e confid	ence.	\equiv
Casing/Screen Condition													
Gasing Type	Steel					Screen Typ	10		Brass, Slot	ted			
Screen Perforation Size	No Data												
Screen Set Depth (ft) No Data	From to												\exists
Remarks													_
Pump Condition													
Pump Type	Turbine (Vertice	0				Installation	Depth		No Data				
Manifacturer	KSB					Year of Mac	ie		1982				\neg
Pump Diameter	4					Ræer Pipe !	Diameter		4"				_
Lift Height in Spec.	460					Lift Height i		!	No Data				
Discharge in Spec. (lit/sec)	12.6 (10,000gal/	Ю					: Working (I	,	No Data, m	ıybe R (f	5.000enh)	_
RPM	2,900		No Data				to the eleva		No Tank, Din				
Norking Hours per Day	14	HEL				-						-	
TOTAL PROPERTY		A	eent e			Working Day	rs per Yesr		11 months t				_
Total Dally Discharge (m3/day)	Starting 636	360 (see.			•	Total Annue	d Discharge	(m3/year)	8tertin 213,000			recent (assump	tion
Remarks	No data available	•											\neg
						_,							
Mater Condition													
darwfacturer	Siemens				,	Year of Mad	•	l	1981				\neg
Notor Capacity	380V, 57A						iomsump. Pe	rm3 i					=
RPM	2950					dorse Powe			40				=
Remarks													_
													- 1

Well Inventory Sheet

Unit	Banda Ollazak]	Well Number			No 1 (only one well)			
Area Name	Banda Dilazak				Ī	Coordinate	(MTU)		Longi	Longitude Latitude		
Altitude of Top of Well (AMSL, m)					1	Altitude of	f Ground Su	rfave (AMSL.				
Well Completion Date	1987 - 1988					Well Statu			Working			
Total Depth	No Data				I	Diameter of	f the Top Car	sing.	10"	10"		
Min Dia, of the Casing	В"				ļ	Well Ownership			Unit Banda Dilazak			
Well Owner's Name	Unit Banda Dila	zak			- 	Drilled by			PHED			
	Starting			sent	1	Silion Sy			Start	ing	Prese	
Static Water Level	50'		60' (hearin]	Dynamic W	Vater Level		57'		80' (hearing	
Draw-down	Starting 7' at 5.7lit/sec (eent 1g)		Automatic	Stopper De	pth	Not Install	ed		
Specific Yield (I/sec/m)	No Data]	Transmissi	ivity (if avail	able)	No Data			
Aquifer	Name	from (ft)	to (ft)	Artesian	Litha. Code	Aquiter Age	Hydraulic Media	Aquifer Type	Thickness (ft)	1		
	Gravel with Cla			No	Gr, S	Q	Porous	Unconfined	26			
	Sand & Gravel Sand & Gravel	66 78	70 92				<u> </u>		14	4		
	Gravel with Cla	92	102						10	9		
	Send & Gravel Send & Gravel	102 151	113 162					<u>L</u>	11			
	Sand & Gravel	227	256					<u> </u>	29			
	Bedrook	258							1	1		
Well Completion Date	1988				1	Well Close	Date (if aba	indoned)	Working			
Remarks	The problem of	this well	s severe	groundwate	er level deci	ine which o	auses decr	tase of the	discharge P	ut no co	ncrete confi-	dence
	No sinking of we		- 1								30111	
Casing/Screen Condition												
Casing Type	Steel			1		Screen Typ	p e		Brass, Slot	ted		
Screen Perforation Size	2mm			1								
Screen Set Depth (ft)	From to	82 90	104 112	149 161	230 254				E			
Remarks												
												
Pump Condition												
Ритр Туре	Submergible			1	l.	Installation	Depth		128' (hearin	ng)		
Manifacturer	KSB			1	•	Year of Ma	de		1988			
Pump Diameter	3"				i	Riser Pipe i	Diameter		3"			
lift Height in Spec	620'			1	1	Lift Height	ın Working		80' (hearing)		
Discharge in Spec (lit/sec)	7.6 (6,000gal/h)			1	ı	Discharge i	ın Working (li	it/sec)	3.8 (3,000gs	il/h, hes	ring)	
RPM	2,900	HP	27.22		i	Lift Height	to the eleva	ited Tank	Tank apart 2			
Vorking Hours per Day	14				1	Working Da	ys per Year		Pressure gr	to 11.5 n	nonths	
Total Daily Discharge (m3/day)	Starting 382	Pred 191 (hear	ing)		1	Total Annua	al Discharge	(m3/year)	Starts 128,000		Freser 64,000 (hear	
Remarks	Pump is old							'				
		···								_		
Notor Condition								. —				1
fanifacturer					•	Year of Mad	de	1				
lotor Capacity							Comsump P	erm3 I		***************************************	•	
PM						Horse Powe						
	Not applicable			·····						*		
	approable											
												1
			,	Well Inve	entory Si	neet		•				

General

Unit

Banda Ghazan

Well Number 別牽参考資料3既存井戸台帳 No.1 (only one well)

Area Name	Banda Ghazan	Goordinate (UTM)	Longitude Latitude
Altitude of Top of Well (AMSL, m)		Altitude of Ground Surfave (AMSL	
Weil Completion Date	1987 - 1988	Well Status	Working
Total Depth	325	Dismeter of the Top Casing.	flor
Min. Dis. of the Casing	8"	Well Ownership	Unit Banda Ghazan
Well Owner's Name	Unit Banda Ghazan	Orliled by	PHED
Static Water Level	Starting Present 39.5' 80' (hearing)	Dynamic Water Level	Starting Present 108.6' 120' (hearing)
Draw-down	Starting Present 59,1' at 12 58t/sec 40' (hearing)	Automatic Stopper Depth	Not installed
Specific Yield (I/sec/m)	(10,000gph) No Data	Transmissivity (if available)	No Data
Aquifer	Name from (ft) to (ft) Artesion	- Line	Thickness
Money	Sand 45 55 No	Litho Code Aquifer Age Prydraulio Aquifer Type S Q Porous Unconfined	(ft)
	105 111 148 158		6
	234 244 252 256		10
	292 318		26
Well Completion Date	Bedrock		
Remarks			Working
119110110	The problem of this well is severe groundwate No sinking of well.	r level decline which causes decrease of the d	lecharge But no concrete confidence
Casing/Screen Condition			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Casing Type	Steel	Screen Type	Brass, Slotted
Screen Perforation Size	2mm	•••	
Screen Set Depth (ft)	From 149 235 254	293	
	to 155 243 264	317	
Remarks			
Pump Condition			
Pump Type	Submergible	Installation Depth	130' (hearing)
Manifacturer	KSB	Year of Made	1968
Pump Diameter	4	Riser Pipe Dumeter	
Lift Height in Spec	950	<u>-</u>	120 (hearing)
Discharge in Spec. (lit/sec)	12.8 (10,000gal/h)	_	5.3 (5,000 gal/h, hearing)
RPM	2,900 HP 80	<u>-</u>	ank apart 2km, lift height is 800'
Working Hours per Day	54	7	Top of Hill)
	Starting Present	HORNING DAYS per Year [Starting Present
Total Daily Discharge (m3/day)	636 318 (hearing)	Total Annual Discharge (m3/year)	
Remarks	Pump is old.		
		-	
Motor Condition			
Manifecturer		Year of Made	
Motor Capacity		Electricity Comsump Per m3	
RPM [Horse Power	
Remarks	Not applicable		
L	Well Inve	ntory Sheet	
General			
Unit [1	Dobather Banda Amlok	Well Number IN	p.1 (only one well)

Area Name	Dobather Banda Amiok]	Coordinate (UTM)				
Altitude of Top of Well (AMSL. m)]	Altitude of	Ground Sur	fave (AMSL	,	
Well Completion Date	1985 - 1986				i	Well Statu			Working
Total Depth	346'				j	Diameter o	f the Top Cas	ing	10"
Min Dia, of the Casing	8"				1	Wall Owne	rship		Unit Dobather Banda Amlok
Well Owner's Name	Unit Dobather B	anda An	nlok		1	Drilled by			PHED
	Starting			ent]				Starting Present
Static Water Level	19		60' (hearin	(p)]	Dynamic V	Vater Level		29' 80' (hearing)
Draw-down	Starting 10' at 7 filit/sec		Pres 20° (hearin		1	Automatic	Stopper De	pth	Not installed
Specific Yield (I/sec/m)	(6,000gph) No Data				1	Transmiss	ivity (if avail	able)	No Data
						T	Hydraulic	I	Thickness
Aquifer	Name Sand	from (Pt) 35	to (ft) 45	Artesian No	Litho. Gode S, Gr	Aquifer Age Q	Media Porous	Aquifer Type Unconfined	(1)
	Send Send	55 88	86 96						11 8
	Gravel Sand	208 228	220 238						12
	Gravel Sand	282 302	294 319						12 17
	Sand	327	338						11
Well Completion Date	1988]	Well Close	Date (if aba	ndoned)	Working
Remarks			is severe (groundwat	er level dec	line which (causes decr	ese of the	discharge But no concrete confidence
	No sinking of we	411							
								 	
Casing/Screen Condition									
Casing Type	Steel]		Screen Ty	ре		Brass, Slotted
Screen Perforation Size	3/32"	-]					
Screen Set Depth (ft)	From	89							
Dtu	to	95	217	236	292		337		
Remarks	Groundwater lev	el ot bo	IN OF STRUC	and dyna	mic can de	observed			
Pump Condition									
Pump Condition	Submergible			<u> </u>		Installation	n Depth		110' (hearing)
	Submergible			<u> </u>		installation Year of Ma			110' (hearing)
Pump Type				ļ			ide		
Pump Type Manifacturer Pump Diameter	KSB			 		Year of Ma	ide		1988
Pump Type Manifacturer Pump Diameter Lift Height in Spec	KSB			 		Year of Ma Riser Pipe Lift Height	ode Diameter in Working	nt/sec)	1996
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec)	KSB 4" 1,000" 9.5 (7,500gal/h)	НР	60			Year of Ma Riser Pipe Lift Height Discharge	ede Diameter in Working in Working ()		[1986] 4" [80" (hearing) [5.3 (5,000gal/h, hearing)
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM	[KSB] 4" 11,000' 9.5 (7,500gal/h) 2,900	НР	60			Year of Ma Riser Pipe Lift Height Discharge Lift Height	Diameter In Working (in Working (it to the eleva	ited Tank	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank apart 2.3km, lift height is 900" (Top of Hill)
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec)	[KSB] 4" [1,000" 9.5 (7,500gal/h) 2,900 14	•				Year of Ma Riser Pipe Lift Height Discharge Lift Height	ede Diameter in Working in Working ()	ited Tank	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM	KSB 4" 1,000' 9.5 (7,500gal/h) 2,900 14 Starting	•	esent			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Da	Diameter In Working (in Working (it to the eleva	ated Tank	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day	KSB 4" 1,000' 9.5 (7,500gal/h) 2,900 14 Starting	Pn	esent			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Da	Diameter in Working in Working it to the eleva	ated Tank	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day)	[KSB] 4" [1.000' [9.5 (7.500gal/h) 2.900 14 Starting 477	Pn	esent			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Da	Diameter in Working in Working it to the eleva	ated Tank	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day)	[KSB] 4" [1.000' [9.5 (7.500gal/h) 2.900 14 Starting 477	Pn	esent			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Da	Diameter in Working in Working it to the eleva	ated Tank	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day)	[KSB] 4" [1.000" [9.5 (7.500gal/h) 2.900 14 Starting 477	Pn	esent			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Da	Diameter in Working in Working it to the eleva	ated Tank	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks	[KSB] 4" [1.000" [9.5 (7.500gal/h) 2.900 14 Starting 477	Pn	esent			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Da	Diameter In Working (in Working (i) to the elevance of the ele	ated Tank	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition	[KSB] 4" [1.000" [9.5 (7.500gal/h) 2.900 14 Starting 477	Pn	esent			Year of Ma	Diameter In Working (in Working (i) to the elevance of the ele	e (m3/year)	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer	[KSB] 4" [1.000" [9.5 (7.500gal/h) 2.900 14 Starting 477	Pn	esent			Year of Ma	Diameter In Working (I to the elevance) In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge	e (m3/year)	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity RPM	KSB 4" 1,000' 9.5 (7,500gal/h) 2,900 114 Starting 477 Pump is old	Pn	esent			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Di Total Anna Year of Ma	Diameter In Working (I to the elevance) In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge	e (m3/year)	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity	[KSB] 4" [1.000" [9.5 (7.500gal/h) 2.900 14 Starting 477	Pn	esent			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Di Total Anna Year of Ma	Diameter In Working (I to the elevance) In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge	e (m3/year)	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity RPM	KSB 4" 1,000' 9.5 (7,500gal/h) 2,900 114 Starting 477 Pump is old	Pn	esent tring)			Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Di Total Annu Year of Ma Electricity Horse Pow	Diameter In Working (I to the elevance) In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge	e (m3/year)	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity RPM	KSB 4" 1,000' 9.5 (7,500gal/h) 2,900 114 Starting 477 Pump is old	Pn	esent tring)		ventory \$	Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Di Total Annu Year of Ma Electricity Horse Pow	Diameter In Working (I to the elevance) In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge	e (m3/year)	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity RPM	KSB 4" 1,000' 9.5 (7,500gal/h) 2,900 114 Starting 477 Pump is old	Pn	esent tring)		rentory S	Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Di Total Annu Year of Ma Electricity Horse Pow	Diameter In Working (I to the elevance) In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge In Discharge	e (m3/year)	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity RPM Remarks	KSB 4" 1,000' 9.5 (7,500gal/h) 2,900 114 Starting 477 Pump is old	Pn	esent tring)		ventory \$	Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Di Total Annu Year of Ma Electricity Horse Pow	Diameter in Working () to the elevance and Discharge and Community Free	e (m3/year)	1986 4" 80" (hearing) 6.3 (5,000gal/h, hearing) Tank spart 2.3km, lift height is 900" (Top of Hill) 11 months to 11.5 months Starting Present
Pump Type Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity RPM Remarks General	KSB	Pn	esent tring)		ventory \$	Year of Ma Riser Pipe Lift Height Discharge Lift Height Working Di Total Annu Year of Ma Electricity Horse Pow	Diameter in Working () to the elevance and Discharge and Community Free	e (m3/year)	1986 4"

Altitude of Tee of Mall cares		-			٦								
Altitude of Top of Well (AMSI, m)		110013					f Ground Su	irfave (AMSL					
Well Completion Date	1983				ם ב	Well Statu	16		Abandone	đ			_
Total Depth	No Data]	Diameter o	if the Top Ca	sing.	8				_
Min Dia, of the Casing	8"				3	Well Owne	ership		Unit Sheik	hul Ban	di		_
Well Owner's Name	Unit Sheikhul E	landi			7	Drilled by			PHED			_	
	Starting		when el	endoned	7					V-18	1		_
Static Water Level	No Data		No Data		j	Dynamio Water Level			Star No Data	ung	No Date	abendoned	_
	Starting			endoned	כ								
Driew-down	No Data		No Data		J	Automatic	Stopper De	ipth	Not install	ed			\Box
Specific Yield (I/sec/m)	No Data				3	Transmiss	rvity (If avail	iable)	No Data				
Aquifer	Hame	from (ft)	to (ft)	Artesian	Litho Code	Aquifer Age	Hydraulia	Aquifer Type	Thickness	1			
No Data							Medie	744141 1772	(ft)	┨			
										1			
									†	1			
									<u> </u>	1			
				·		ļ			·	ł			
Well Completion Date	1983				1	Well Close	Date (if aba	ndoned)	1993				-,
Remarks	As the disabase	I 4bi-	م ما العبد									· · ·	
	As the discharg	ation wel	if the pur	np will be	removed.	40.3 and NC).4) Were an	HOO AND THIS	Well Was ab	andone	t. This wel	i can be	
	1												Ì
Casing/Screen Condition													
Casing Type	PVC	-				Screen Typ) 0		PVC, Slotte	ьď			٦
Screen Perforation Size	No Data			,]					-				_
Screen Set Depth (ft)													
No Data	From to								<u> </u>			 	₹
Remarks											······································		_
Pump Condition													
Ритр Туре	Submergible					la atallatura	Dooth		No Data				_
						Installation	Depth		140 DELE				
Manifacturer	No Data				,	Year of Mai	de		No Data]
Pump Diameter	3"					Riser Pipe I	Diameter	1	3"]
Lift Height in Spec	No Data					Lift Height i	in Working	1	No Data				_ 7
Discharge in Spec (lit/sec)	No Data					Dischures is	n Working (li		1 9 (1,500ga	I/h has	dos		- -
RPM		Jau	No Data			_	_						_
	No Data	nr <u>li</u>	io nera 3			Lift Height	to the elevat		Tenk apert 2				_
Norking Hours per Day	14				'	Working Day	/s per Year	i	11 months t	o 11.5 r	nonths]
Fotal Daily Discharge (m3/day)	Starting No Data	when ab 5 (hearir				T-4-1 A	d Disabassa	(m3/year)	Sturtin		when at 32,000 (he	bendense	1
			<u> </u>				n Diecume	(mazyear)	NO DELE		32,000 (3)	errit.	_
Remarks	No data plate												İ
			<u></u>	·			·						ا
Motor Condition													
Aanifacturer					١	ear of Mad	•	ſ		-			7
Actor Capacity							·	a F					,
-							iomaump Po	rms į	-			•	7
RPM						forse Powe	r	Ι]
lemarks	Not applicable												1
]												
	L]
			1	Veli Inve	entory Si	neet							
General													
Init	Shelkhul Bandi					dall bloom			lo 2				7
****	- THE PART CANADA				y	fell Number			No.2				i
res Name	Sheikhul Bandi				c	oordinate (UTM)	F	Longitud		Latit	ude	1
Ititude of Top of Well (AMSL. m)				二				L 					1
					A	antique Of G	round Surfa	AR (YWRT' 4					

Well Completion Date	1985 - 1986]	Well Status			Working					
Total Depth	309			}	Diameter of	the Top Car	ing.	10					
Min Dis. of the Casing	8"]	Well Owne	rship		Unit Sheik	hul Bend	i		
Well Owner's Name	Unit Sheikhul B	andi			ì	Drilled by			PHED				
Static Water Level	Starting Flowing		Pre 10" (heari	sent ng)]	Dynamic Water Level			Start	ing	60' (he	Present earing)	\exists
Draw-down	Starting Present 3' at 7 6lit/sec 50' at 3 8lit/sec				Automatic Stopper Depth			Not installed					
Specific Yield (I/sec/m)	(6,000gph) No Data		(3,000gph.	hearing)	• 1	Transmissivity (if available)			No Data			_	
opecing field (//sec/m)	No Data				J	i rensmissi		able)	<u> </u>				
Aquater No Date	Name	from (ft)	to (ft)	Artesian	Lithe Code	Aquifer Age	Hydraulic Media	Aquifer Type	Thickness (ft)]			
No Data													
										1			
										1			
									<u> </u>	}			
Well Completion Date	1986				l	Well Close	Date (if abs	ndoned)	Working				\neg
Remarks	The well Itself h	as no big	problem, l	but imany	rregal conn	ections are	found in the	rising mein	. Therefore,	the worl	king day	s per year	_
	has been reduc	ed. The v	vater level	of both of	static and	dynamic oa	n be measur	ed.				,	
Gasing/Screen Condition	<u> </u>					······						-	
Casing Type	PVC			1		Screen Ty			PVC, Slotte				_
Screen Perforation Size	No Data) 1		acieen iy	/•		1 40, 0,000				
				J	,	, ,				···			
Screen Set Depth (ft) No Data	From to												\exists
Remarks										· - · · · · · · · · · · · · · · · · · ·			\neg
									_				
Pump Condition													
Pump Type	Submergible					installation	Depth		No Data				
Pump Type Manifacturer	Submergible KSB			 		installation Year of Ma	-		No Data 1989 (chan	ged)			
				 			de			ged)			
Manifacturer				 		Year of Ma	de Diameter						
Manifacturer Pump Diameter	KSB			 		Year of Ma Riser Pipe Lift Height	de Diameter	it/sec)	1989 (chan)	TE)		
Manifacturer Pump Diameter Lift Height in Spec	KSB 4" 540'	HP[40	 		Year of Ma Riser Pipe Lift Height Discharge i	de Diameter in Working		1989 (chan 4") oh, heari		50'	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec)	KSB 4" 540' [14 (11,000gph)	HP[40			Year of Ma Riser Pipe Lift Height Discharge i Lift Height	de Diameter In Working In Working (ii to the eleva		1989 (chan 4" 60' (hearing 3.8 (3,000g)) oh, heari		50'	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM	KSB 4" 540' [14 (11,000gph) 2,900 [14		40			Year of Ma Riser Pipe Lift Height Discharge i Lift Height	de Diameter in Working in Working (ii		1989 (chan, 4	oh, heari km, lift h	ight is 4		
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM	KSB 4" 540' [14 (11,000gph) 2,900 14 Starting 509		eent			Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da	de Diameter In Working In Working (ii to the eleva	ted Tank	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present (hearing)	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day	KSB 4" 540' 14 (11,000gph) 2,900 14 Starting	Pre	eent			Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da	de Diameter in Working in Working (i to the eleva ys per Year	ted Tank	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day)	KSB 4" 540' [14 (11,000gph) 2,900 14 Starting 509 (8,000gph)	Pre	eent			Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da	de Diameter in Working in Working (i to the eleva ys per Year	ted Tank	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day)	KSB 4" 540' [14 (11,000gph) 2,900 14 Starting 509 (8,000gph)	Pre	eent			Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da	de Diameter in Working in Working (i to the eleva ys per Year	ted Tank	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day)	KSB 4" 540' [14 (11,000gph) 2,900 14 Starting 509 (8,000gph)	Pre	eent			Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da	de Diameter in Working in Working (i to the eleva ys per Year	ted Tank	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Ramarks	KSB 4" 540' [14 (11,000gph) 2,900 14 Starting 509 (8,000gph)	Pre	eent			Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da	de Diameter in Working (i) to the eleva ye per Year al Diecharge	ted Tank	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer	KSB 4" 540' [14 (11,000gph) 2,900 14 Starting 509 (8,000gph)	Pre	eent			Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Annui	Diameter In Working (i) It to the eleva It per Year It Discharge	ted Tank (m3/year)	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity	KSB 4" 540' [14 (11,000gph) 2,900 14 Starting 509 (8,000gph)	Pre	eent		M. A. A. A. A. A. A. A. A. A. A. A. A. A.	Year of Mac Riser Pipe Lift Height Discharge i Lift Height Working Da Total Annua Year of Mac	de Diameter in Working (i) to the eleva ye per Year al Discharge	ted Tank (m3/year)	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Ramarks Motor Condition Manifacturer Motor Capacity RPM	KSB 4" 540' 14 (11,000gph) 2,900 14 Starting 509 (8,000gph) Pump is old	Pre	eent		M. A. A. A. A. A. A. A. A. A. A. A. A. A.	Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Annui	de Diameter in Working (i) to the eleva ye per Year al Discharge	ted Tank (m3/year)	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity	KSB 4" 540' [14 (11,000gph) 2,900 14 Starting 509 (8,000gph)	Pre	eent		M. A. A. A. A. A. A. A. A. A. A. A. A. A.	Year of Mac Riser Pipe Lift Height Discharge i Lift Height Working Da Total Annua Year of Mac	de Diameter in Working (i) to the eleva ye per Year al Discharge	ted Tank (m3/year)	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Ramarks Motor Condition Manifacturer Motor Capacity RPM	KSB 4" 540' 14 (11,000gph) 2,900 14 Starting 509 (8,000gph) Pump is old	Pre	eent ring)			Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Armui	de Diameter in Working (i) to the eleva ye per Year al Discharge	ted Tank (m3/year)	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Ramarks Motor Condition Manifacturer Motor Capacity RPM	KSB 4" 540' 14 (11,000gph) 2,900 14 Starting 509 (8,000gph) Pump is old	Pre	eent ring)	Well Inv	M. A. A. A. A. A. A. A. A. A. A. A. A. A.	Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Armui	de Diameter in Working (i) to the eleva ye per Year al Discharge	ted Tank (m3/year)	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Ramarks Motor Condition Manifacturer Motor Capacity RPM	KSB 4" 540' 14 (11,000gph) 2,900 14 Starting 509 (8,000gph) Pump is old	Pre	eent ring)	Well Inv		Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Armui	de Diameter in Working (i) to the eleva ye per Year al Discharge	ted Tank (m3/year)	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Remarks Motor Condition Manifacturer Motor Capacity RPM Remarks	KSB 4" 540' 14 (11,000gph) 2,900 14 Starting 509 (8,000gph) Pump is old	Pre	eent ring)	Well Inv	entory S	Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Armui	Diameter In Working (i) In Working (i) Ito the eleva Ito per Year It Discharge	ted Tank (m3/year) er m3	1989 (change 4" 60" (hearing 3.8 (3,000g) Tank apart 2 9months	oh, heari km, lift h	eight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Ramarks Motor Condition Manifacturer Motor Capacity RPM Remarks General Unit	KSB 4" [540' [14 (11,000gph) 2,900 [14 Starting 509 (8,000gph) Pump is old Not applicable	Pre	eent ring)	Well Inv	entory S	Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Annui Year of Mac Electricity (Horse Powe	Diameter In Working (i) In Working (i) It to the eleva It Discharge	ted Tank (m3/year) er m3	1989 (change) 4" [60" (hearing) 3.8 (3,000g) Tank apart 2 Prinonths Starts 140,000	oh, heari km, lift h	sight is 4	Present	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Ramarks Motor Condition Manifacturer Motor Capacity RPM Remarks General Unit Area Name	KSB 4" 540' 14 (11,000gph) 2,900 14 Starting 509 (8,000gph) Pump is old Not applicable	Pre	eent ring)	Well Inv	entory S	Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Annui Year of Mat Electricity (Horse Power heet	Diameter In Working (i) It to the eleva It per Year It Comsump P	ted Tank (m3/year)	1989 (change of the strength o	oh, heari km, lift h	sight is 4	Present (hearing)	
Manifacturer Pump Diameter Lift Height in Spec Discharge in Spec (lit/sec) RPM Working Hours per Day Total Daily Discharge (m3/day) Ramarks Motor Condition Manifacturer Motor Capacity RPM Remarks General Unit	KSB 4" [540' [14 (11,000gph) 2,900 [14 Starting 509 (8,000gph) Pump is old Not applicable	Pre	eent ring)	Weil Inv	entory S	Year of Ma Riser Pipe Lift Height Discharge i Lift Height Working Da Total Annui Year of Mat Electricity (Horse Power heet	Diameter In Working (i) In Working (i) It to the eleva It Discharge	er m3	1989 (change of the strength o	oh, heari km, lift h	sight is 4	Present (hearing)	

Total Depth	350	3	Diameter o	of the Top Ce	sing.	10				
Min. Dia. of the Casing	B**				1	Well Own	rship		Unit Sheikh	nul Band
Well Owner's Name	Unit Sheikhul I	3andi			- 1	Drilled by	-		PHED	
	Startin		l Po	sent	- 1	O.A.E.G. Oy				
Static Water Level	8		No Data		1	Dynamic \	Starting Pro samic Water Level 40' No Data			
Draw-down	Starting Present 32" at 10lit/sec No Data]						
Draw-down	32" at 10lit/sec No Data (8,000gph)			J	Automatic Stopper Depth				d	
Specific Yield (i/sec/m)	No Data]	Transmiss	ivity (li evel	able)	No Data	
Aquifer	Nume	from (ft)	to (ft)	Artesian	Lithe Code	Aquifer Age	Hydraulie	14	Thickness	
•	Gravel	29		No	Gr, a	Q Q	Media Porous	Aquifer Type unconfined	(ft)	
	Gravel Sand/Gravel	41 65	52 68						11	
	Gravel Gravel	105 159	118 175						13	
	Gravel Fine Gravel	226 303	237 311				ļ		16 11	
	Fine Gravel	333	342						8 7	
Well Completion Date	1995					Well Close	Date (if aba	ndoned)	Working	
Remarks	No problem so	fer Unde	the mod	condition	·					
			THE BOOK	oo raition,						
Casing/Screen Condition		_				·			······	
Casing Type	Stee					Screen Typ	90		Brass, Slotte	мd
Screen Perforation Size	1mm									
Screen Set Depth (ft)	From	47	109	161	203	227	305	333.5		
- ·	to	51	117	173	204	235	309	431,5	<u> </u>	
Remarks										
Pump Condition							~			
Pump Type	Submergible						_			
Manifacturer	KSB					Installation	•		110' (hearing	
					·	Year of Mac	le	l	No Data	
Pump Diameter	3"				ı	Riser Pipe (Diameter		3"	
Lift Height in Spec	320					Lift Height i	_		60" (hearing)	
Discharge in Spec. (lit/sec)	10 (8,000gph)						Working (lit		10 (8,000gph.	
	2,900	внР	15.9		l	Lift Height t	o the elevet	ed Tank	Tank apart 2kr	n, lift height is 250°
Working Hours per Day	14				1	Norking Day	a per Year	l	11months - 1	1.5months
Total Daily Discharge (m3/day)		Pres 509 (heari 8,000gph)	ng)		,	Fotel Annua	Discharge	(m3/year)	Starting 140,000	Present 140,000 (hearing)
Remarks	Dischree has not						- :-			
Motor Candition	•									
Manifacturer						ear of Made		r		
Motor Capacity								, l		
							omsump Pe	Em T		
RPM					Н	lorse Power		[
Remarks	Not applicable									
			W	ell Inve	ntory Sh	eet				
General										
	(20 · · · · · · · · · · · · · · · · · · ·									
Unit	Sheikhul Bandi				₩	leli Number		Œ	lo.4	
Area Name	Sheikhul Bandi				^	oordinate (l	TTAN.	F	Longitude	Latitude
Altitude of Top of Well (AMSI, m)								<u></u>		
	ECONS 22						round Surfav			
Well Completion Date	1995, Nov				W	eli Status		•	forking	
Total Depth	222				Di	emeter of th	Top Casing	. <u>[</u> 1	0	

Min. Dig. of the Casing	10"				Well Ownership			Unit Sheikhul Bandi				
Well Owner's Name	Unit Sheikhul B	endi				Dniled by			PHED			
Static Water Level	Starting 10"		Pres 35" (heari			Dynamic W	/ater Level		Starte 40'	ng .	Pres 55' (hearin)	
Draw-down	Starting 30' at 10lit/sec (8,000gph)		Pres 30' (hearin			Automatic Stopper Depth			Not installe	kd		
Specific Yield (I/sec/m)	No Data				l	Transmissivity (if available)			No Data			
Aquifer	Nume Gravel	from (ft) 27	to (H)	Artesian No	Litho Code Gr	Aquifer Age Q	Hydraulic Media Porous	Aquifer Type unconfined	Thickness (ft)			
	Gravel Gravel with Cla Gravel	102 122 190 197	116 127 197 221						14 5 7 24			
	Bedrock	221										
Well Completion Date	1995			J	Well Close	Date (if abe	ndoned)	Working				
Remarks Casing/Screen Condition	No problem so	er Unde	r the good	condition.								
Gasing Type	Steel			1		Screen Ty	De		Brass, Slot	ted		
Screen Perforation Size	1mm			' 								
Screen Set Depth (ft)	From to	37 41	103 115	122.5 126.5				·				
Remarks												
Pump Condition												
Pump Type	Submergible					Installation	Depth		110' (hearir	ng)		
Manifacturer	KSB					Year of Ma	nde		No Data			
Pump Diameter	3*					Riser Pipe	Diameter		3"			
Lift Height in Spec	300					Lift Height	in Working		55' (hearing	ð		
Discharge in Spec. (lit/sec)	10 (8,000gph)					Discharge	in Working (lit/sec)	9 (7,000gph	, hearin	E)	
RPM	2,900	ВНР	18.04			Lift Height	to the elevi	sted Tank	Tank apert 2 (Pressure s			
Working Hours per Day	14					Working Da	tys per Year	•	11months	- 11.5mc		
Total Daily Discharge (m3/day)	8tarting 509 (8,000gph)	446 (he:	h)			Total Annu	ial Discharge	e (m3/year)	Starti 170,000	ng	Pres 150,000 (h	
Remarke	Dischige has no	ot been r	educed too	much								
Motor Condition												
Manifacturer						Year of Ma	ıde					
Motor Capacity			·			Electricity	Comsump (Per m3				-]
RPM				İ		Horse Pow	/er					
Remarks	Not applicable											

