

BMDH-03



Project :

BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH.

Well No.:

District : Rajshahi

Upazilla : Antargachha

Union : Madhara

Mouza : Govindapur

J.L. No : 43

Plot No : 092

Engineer

Drilling Contractor

Barind Multipurpose
Development Authority

DRILLING LOG

Date started 30/11/06 7.00 hrs; Date completed 20/11/06 21.00 hrs.

Logged by SAE/SAE : Rod length 0 ft.

Drilling time log			Graphic log	Thickness (ft.)		Description of formation
rod	from	to		from	to	
	7.00			0	30	Hard clay
				30	60	3 to 1.5
				60	100	1 to 1.5
				100	120	1.5
				120	140	1.5
				140	160	1.5
				160	180	1.5
				180	200	1.5
				200	210	1.5
				210	220	1.5
				220	230	1.5
				230	240	1.5
				240	250	1.5
				250	260	1.5
				260	270	1.5
				270	280	1.5
				280	290	1.5
				290	300	1.5
				300	310	1.5
				310	320	1.5
				320	330	1.5
				330	340	1.5
				340	350	1.5
				350	360	1.5
				360	370	1.5
				370	380	1.5
				380	390	1.5
				390	400	1.5
				400	410	1.5
				410	420	1.5
				420	430	1.5
				430	440	1.5
				440	450	1.5
				450	460	1.5
				460	470	1.5
				470	480	1.5
				480	490	1.5
				490	500	1.5
				500	510	1.5
				510	520	1.5
				520	530	1.5
				530	540	1.5
				540	550	1.5
				550	560	1.5
				560	570	1.5
				570	580	1.5
				580	590	1.5
				590	600	1.5
				600	610	1.5
				610	620	1.5
				620	630	1.5
				630	640	1.5
				640	650	1.5
				650	660	1.5
				660	670	1.5
				670	680	1.5
				680	690	1.5
				690	700	1.5
				700	710	1.5
				710	720	1.5
				720	730	1.5
				730	740	1.5
				740	750	1.5
				750	760	1.5
				760	770	1.5
				770	780	1.5
				780	790	1.5
				790	800	1.5
				800	810	1.5
				810	820	1.5
				820	830	1.5
				830	840	1.5
				840	850	1.5
				850	860	1.5
				860	870	1.5
				870	880	1.5
				880	890	1.5
				890	900	1.5
				900	910	1.5
				910	920	1.5
				920	930	1.5
				930	940	1.5
				940	950	1.5
				950	960	1.5
				960	970	1.5
				970	980	1.5
				980	990	1.5
				990	1000	1.5

SSAE/SAE

Date 30/11/06

Asstt. Engr. (Signature)

Date 30/11/06

Signature of Asstt. Engr.

K. H. ENTERPRISE

M. S. AKHTAR

For the Contractor

Date 30/11/06

Proprietor

BMDA2-252 (T-1)



Project :
**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAHI**

Well No. :
District : **Lachhagore**
Thana : **Autary**
Union : **Kadua Bagar**
Mouza : **Govindapur**
J.L. No. : **43**
Plot No. : **B32**
CONSTRUCTIONS DETAILS

Engineer :

BARIND MULTIPURPOSE
DEVELOPMENT AUTHORITY

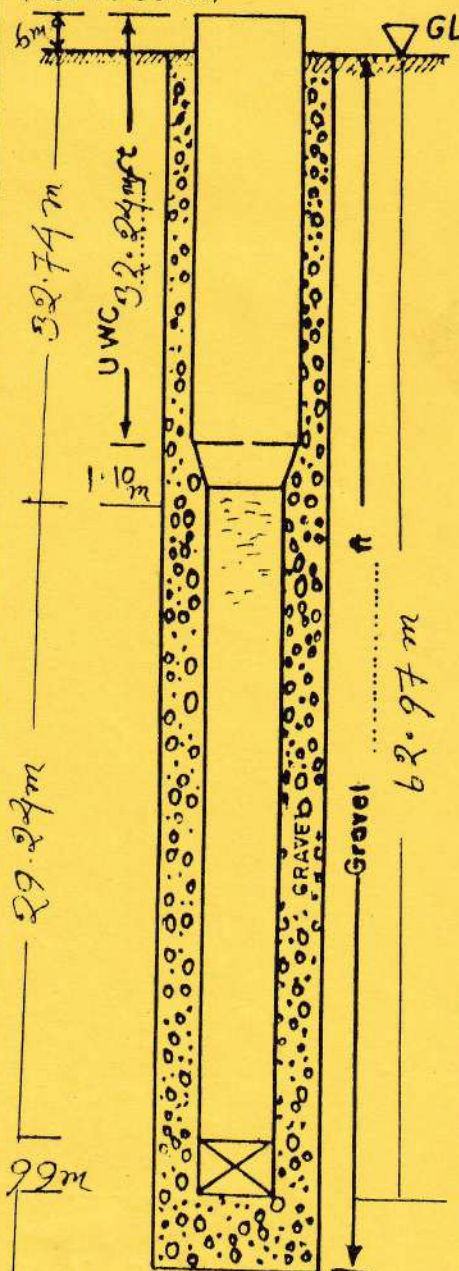
Drilling Contractor :

Kh. M. R. S.

Operation	Date	Started	Date	Completed
Drilling	30.11.06	1.00 HRS	30.11.06	21.00 HRS
Casing		HRS		HRS
Gravel Placing	-DO-	21.00 HRS	-DO-	24.00 HRS
Drilling diameter 22" / 24" / 44"				
Housing Pipe (Dia 14") mild steel				
UVC				
UVC (incl. Reducer)				
Lapping				
Total length [ft]				37.34
L.W.C. (Dia inch) mild steel				
Depth below GL				
From.....to.....	Length [ft]			
From.....to.....				
Total length [ft]				
Screen (8) inch slot, stainless steel/FG Dia 6"/8"/14"				
Depth below GL	From 32.74	to 61.90	Length [ft]	29.16
	From.....to.....			26.24
Lapping				29.24
Total length [ft]				26.24
Bailplug (Dia.....")				
Depth below GL	From 61.90	to 62.97		0.07
Centralizers				
Depth below GL at				
115/125/145/165/180/200mm				
Total Numbers				0
Gravel				
Gravel quantity (approx)	15.23 cum			
Depth below GL	From GL	to 21.00	Length [ft]	15.23
Fixture length				
from top of UVC to bottom of Bail plug				
Verticality test				60.57
max. deviation	1.93	inch at	80	
Depth				
Date 30/11/2006				
Material used: 1/4 with reducer screen, Bail Plug				

Cross Section of the well

(NOT TO SCALE)



Ordered depth 62.97m.
(From GL to Bottom of Bail plug)

SAE/St. SAE

Date :

Asstt. Engineer

Date :

M. S. AKHTAR

For the Contractor

Date :



**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH**

INSPECTION OF VERTICALITY OF THE TUBEWELL

Before Shrouding

1. Well No. :
2. District : Panchagore
3. Upazilla : Autary
4. Union : Radhanagar
5. Mouza : Govindapur
6. J.L. No. : 43
7. Plot No. : 892
8. Total Length of the Tubewell : 207'-7"
9. Length of UWC (Excluding Reducer) 100' ft. Date : 30/11/2006
10. Name of Sinking Contractor : M. ENTERPRISE.

VERTICALITY DATA SHEET

Suspension Height (H) 10 ft. Dia of UWC, d_1 14" inch
Dia of Disc, d_2 13.5" inch

Depth in ft. L.	Deviation in inch X	Bearing Reading Pointing North	Calculated Deviation in inch $D' = \frac{X(L+H)}{H}$	Disc Factor $C = \frac{d_1 - d_2}{2}$	Deviation in inch $D = D' + C$
10'	1/16	34	.12	.25	.37
20'	1/16	-	.18	.25	.43
30'	1/16	-	.25	.25	.50
40'	3/16	-	.33	.25	1.08
50'	3/16	-	1.12	.25	1.37
60'	3/16	-	1.31	.25	1.56
70'	1/8	-	1.00	.25	1.25
80'	1/8	-	1.12	.25	1.37
90'	1/16	-	.62	.25	.87
100'	1/16	-	.60	.25	.93
110'					
120'					

11. Maximum Deviation : 1.56 inch at depth 60 ft.
12. Other observation, if any :

K. H ENTERPRISE

SSAE/SAE

Date 30/11/2006

Asstt. Engr সহকারী প্রকৌশলী

Date 30/11/2006
বিরতিভিত্তিক, ইউনিট-২-আটোয়ারী জোন
আটোয়ারী, লক্ষ্মণপুর

For the Contractor

Date 30/11/2006
Proprietor



**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH**

INSPECTION OF VERTICALITY OF THE TUBEWELL

After Shrouding

1. Well No. :
2. District : **Panchagora**
3. Upazilla : **Autoary**
4. Union : **Radhabagar**
5. Mouza : **Govindapur**
6. J.L. No. : **43**
7. Plot No. : **892**
8. Total Length of the Tubewell : **207'-7"**
9. Length of UWC (Excluding Reducer) **100'** ft. Date : **30/11/2006**
10. Name of Sinking Contractor : **K. H. ENTERPRISE.**

VERTICALITY DATA SHEET

Suspension Height (H) **10** ft. Dia of UWC, d_1 **14"** inch
Dia of Disc, d_2 **13.5"** inch

Depth in ft. L.	Deviation in inch X	Bearing Reading Pointing North	Calculated Deviation in inch $D = \frac{X(L+H)}{H}$	Disc Factor $C = \frac{d_1 - d_2}{2}$	Deviation in inch $D = D' + C$
10'	1/16	KE	.12	.25	.37
20'	1/8	-	.37	.25	.62
30'	1/8	-	.50	.25	.75
40'	1/8	-	.62	.25	.87
50'	1/8	-	.75	.25	1.00
60'	3/16	-	1.31	.25	1.56
70'	3/16	-	1.5	.25	1.75
80'	3/16	-	1.68	.25	1.93
90'	1/16	-	.62	.25	.87
100'	1/16	-	.68	.25	.93
110'					
120'					

11. Maximum Deviation : **.1.93** inch at depth **100'** ft.
12. Other observation, if any :
13. Straightness : Dolly passed upto ft. freely in the UWC.

SSAE/SAE

Date

Asstt. Engineer (Technical Inspection)

Date

K. H. ENTERPRISE

For the Contractor

Date **Proprietor**

স্বঃ জনাবুল হক

সহকারী প্রকৌশলী

বিএমডিএ, ইন্সটিটিউট-২, আটোয়ারী জোন

আটোয়ারী, নওগড়া

সহকারী প্রকৌশলী

আটোয়ারী, নওগড়া



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

DEVELOPMENT RECORD (Period : 2 hour)

Page No : 1

Date: 1/12/2006		Well No.
Starting Time 8 hrs 00 minute, Capacity of Pump 3 cusec	District	Panchagong
Ref. Mark (Top of Housing) 2 ft. above G.L.	Upazilla	Autoary
Static Water Level 10'-0" ft. below top of Housing Pipe.	Union	Kadhalagar
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza	Jovirdapur
Length of UWC 100' ft, Depth of Pump Setting 63' ft.	LI No.	43
	Plot No.	392

Time	Piezometric Height (inch)	Discharge (cusec)	Pumping Water Level below Reference Mark (ft.)	Actual Draw-Down (ft.)	Remarks
1	2	3	4	5	6
00mn (8 hrs)			10'-0"	S.W.L.	50% Discharge
05 mn	13"	1.02	20'-1"	10'-1"	10.5
10 mn			20'-3"	10'-3"	
15 mn			20'-5"	10'-5"	
20 mn			20'-6 1/2"	10'-6 1/2"	
25 mn			20'-7 1/2"	10'-7 1/2"	
30 mn			20'-8 1/2"	10'-8 1/2"	100% Discharge
35 mn	53"	2.00	29'-9"	19'-9"	
40 mn			30'-0"	20'-0"	
45 mn			30'-2"	20'-2"	
50 mn			30'-4"	20'-4"	
55 mn			30'-5"	20'-5"	10.3
60 mn			30'-6 1/2"	20'-6 1/2"	
65 mn			30'-7 1/2"	20'-7 1/2"	
70mn	84	2.5	35'-4"	25'-4"	
80 mn			35'-5"	25'-5"	
90 mn			35'-6"	25'-6"	150% Discharge
100 mn			40'-1"	30'-1"	
110 mn	113	3.00	40'-2 1/2"	30'-2 1/2"	
120 mn (2 hrs.)			40'-4"	30'-4"	3.66,

1 cusec = 28.32 LPS.

S SAE/SAE

Date _____

Asstt. Engineer (সহকারী ইঞ্জিনিয়ার)

Date _____
সহকারী প্রকৌশলী
বিদ্যুৎ, কৃষি-২, জাতীয় জল
আয়োগ, ঢাকা

K. H. ENTERPRISE

For the Contractor
Date _____
Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAISHAH

RECOVERY RECORD (Period : 1 hour)

Page No : 2

Date: 1/12/2006	Starting Time 2 10 hrs - 00 Minute	Well No	
Ref. Mark (Top of Housing) 2	ft. above G.L.	District	Panchagore
Static Water Level 10'-0"	ft. below top of Housing Pipe.	Upazilla	Ara+ary
		Union	Radhara+ar
		Mouza	Govindapur
		E.L. No	13
		Plot No	292

Time	Water Level below Reference Mark (ft.)	Remarks
00mn		
(2 hrs)	10'-1"	
01 mn	15'-3"	
02 mn	15'-0"	
03 mn	14'-2"	
04 mn	13'-10"	
05 mn	13'-3"	
07 mn	12'-9½"	
09 mn	12'-4½"	
11 mn	11'-11½"	
13 mn	11'-8"	
15 mn	11'-4"	
20 mn	11'-1"	
25 mn	10'-9½"	
30 mn	10'-7"	
40 mn	10'-5"	
50 mn	10'-3"	
60 mn	10'-2"	
(3 hours)		

S.SAE/SAE

Date: 1/12/2006

উপ-সহকারী প্রকৌশলী

Asstt. Engineer (Civil)

Date: 1/12/2006

সহকারী প্রকৌশলী

বিভাগীয়, ইউনিট-২, আশোরাই জেলা

K. H. ENTERPRISE

For the Contractor

Date: 1/12/2006

Proprietor

সহকারী প্রকৌশলী

C. P. B. D. A. Z. (R.P.O.)

আশোরাই, পঞ্চগড়



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

SAND TEST RECORD
(Period : 1 hour)

Page No : 3

Date: 1/12/2006	Well No
Starting Time 11 hrs. 00 minute, Capacity of Pump 3 cusec	District : Farangore
Ref. Mark (Top of Housing) 2 ft above G.L.	Upazilla : Autcary
Static water level 10 ft below top of Housing Pipe.	Union : Radhanagar
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza : Govindapur
Length of UWC 100 ft, Depth of Pump setting 63 ft.	J.I. No. : 43
	Plot No. : 892

Time	Pumping Water Level below Ref. Mark (ft)	Sand Content
00mn		
(3 hrs)	10'-2"	
01 mn	37'-3"	
02 mn	37'-8"	
03 mn	38'-0"	
04 mn	38'-3"	
05 mn	38'-6"	
07 mn	38'-8"	
09 mn	38'-10"	
11 mn	39'-1"	
13 mn	39'-4"	
15 mn	39'-6"	
20 mn	39'-8"	
25 mn	39'-10"	
30 mn	39'-11"	
40 mn	40'-0"	
50 mn	40'-2"	
60 mn		
(4 hrs.)	40'-1"	

N.B.
Accepted Sand Content after 5 minutes
100 ppm and after 10 minutes-30 ppm.

Observed Result :
(a) After 5 minutes : 10 ppm
(b) After 10 minutes : 10 ppm

SSAE/SAE

Date: 1/12/2006

Asstt Engr. (Civil)

Date: 1/12/2006
Signature: [Signature]
Name: [Name]

K. H. ENTERPRISE

For the Contractor

Date: 1/12/2006
Signature: [Signature]
Name: [Name]

C-5-BMDA-001(P-2)



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

Development Records
(Period : 4 hours)
150 % Discharge

Page No : 4

Date: 1/12/2006	Well No :
Starting Time 12 hrs 00 minute, Capacity of Pump 3 cusec	District : Panchagore
Ref. Mark (Top of Housing) 2'-0" ft above GL.	Upazilla : Autoary
Static Water Level 22'-0" 10 ft below top of Housing Pipe.	Union : Badladagar
Size of Orifice 5 inch, Size of Delivery pipe 6 inch	Mouza : Govindapur
Length of UWC 100 ft, Depth of Pump Setting 63 ft	L.L. No : 13
	Plot No : 892

Time	Piezometric height (ft)	Discharge (cusec)	Pumping Water Level below Ref Mark (ft)	Actual Draw-Down (ft)	Remarks
1	2	3	4	5	6
00mn (4 hrs)	113"	3.00	40'-1"	30'-1"	Back Wash only one time
05 mn			39'-3"	28'-3"	After 5mn. back wash has been taken.
10 mn			39'-7"	28'-7"	
15 mn			39'-10"	28'-10"	
20 mn			39'-0"	29'-0"	
30 mn			39'-2"	29'-2"	
40 mn			39'-4"	29'-4"	
50 mn			39'-5"	29'-5"	
60 mn			39'-6"	29'-6"	
75 mn			39'-8"	29'-8"	
90 mn			39'-9"	29'-9"	
120 mn			39'-10"	29'-10"	
150 mn			39'-11"	29'-11"	
180 mn			40'-2"	30'-2"	
210 mn			40'-1 1/2"	30'-1 1/2"	
240 mn (8 hrs)			40'-2"	30'-2"	

K. H ENTERPRISE

S SAE/SAF
Date

Asstt Engr
Date

M. S.
For the Contractor
Date Proprietor

C-5-RMDA-001 (P-1)

বিশেষজ্ঞ: ইঞ্জিনিয়ার, আওতাধীন
আওতাধীন



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

PUMP TEST RECORD

(Period : 1 hours)

150% Discharge

Page No: 5

Date: 12/2/2006	Well No
Starting Time 16 hrs 00 minute, Capacity of Pump 3 cusec	District Panchagore
Ref. Mark (Top of Housing) 2'-0" ft. above G.L.	Upazilla Amtary
Static Water Level 22'-0" ft. below top of Housing Pipe.	Union Panchanagar
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza Govindapur
Length of UWC 100 ft, Depth of Pump Setting 63 ft.	J.L. No 43
	Plot No 892

Time	Piezometric Height (ft)	Discharge (cusec)	Pumping Water Level below Ref. Mark (ft.)	Actual Draw-Down (ft.)	Remarks
1	2	3	4	5	6
00mn (8hrs.)	113"	3.00	40'-2"	30'-2"	
01 mn			"	"	
02 mn			"	"	
03 mn			"	"	
04 mn			"	"	
05 mn			"	"	
06 mn			"	"	
07 mn			"	"	
09 mn			"	"	
11 mn			"	"	
13 mn			"	"	
15 mn			"	"	
20 mn			"	"	
25 mn			"	"	
30mn			40'-2"	30'-2"	
40 mn			"	"	
50 mn			"	"	
60 mn (9 hrs)			40'-3"	30'-3"	

S SAE/SAE

Date: 12/2/2006

Asstt. Engr. (Civil)

Date: 12/2/2006
সহকারী প্রকৌশলী
বিভাগীয়, ইকনিট-২, আটোয়ারী জোড়
আটোয়ারী, পঞ্চগড়

K. H ENTERPRISE

For the Contractor

Date: 12/2/2006

Proprietor

১৬৫৫/৬৬-১১-১২ আটোয়ারী জোড়
আটোয়ারী পঞ্চগড়



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

RECOVERY RECORD

(Period : 2.5 hours)

150% Discharge

Page No:6

Date: 1/12/06	Well No :
Starting Time 17 hrs 00 minute, Capacity of Pump 3 cusec	District : Rajshahi
Ref. Mark (Top of Housing) 2 ft. above G.L.	Upazilla : Barisal
Static Water Level 10 ft. below top of Housing Pipe.	Union : Barisalagar
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza : Barisalapur
Length of UWC 100 ft., Depth of Pump Setting 53 ft.	J.L. No : 13
	Plot No : 92

Time	Water Level below Reference Mark (ft.)	Remarks
00mn (9 hrs)	40'-3"	Pumping discontinued
02 mn	3'-8"	
04 mn	2'-9"	
06 mn	1'-1 1/2"	
08 mn	11'-6"	
10 mn	11'-1 1/2"	
15 mn	11'-10 1/2"	
20 mn	10'-8"	
25 mn	10'-6"	
30 mn	10'-4 1/2"	
40 mn	10'-3"	
50 mn	10'-2"	
60 mn	10'-1 1/2"	
75 mn	10'-1 1/2"	
90 mn	10'-1 1/2"	
105 mn	10'-1"	
120 mn	10'-1"	
135 mn	10'-1"	
150 mn (11.5 hours)	10'-1"	

S SAE/SAE

Date

Asstt. Engr. (সহ প্রকল্প ইঞ্জিনিয়ার)

Date (তারিখ: ১২-১২-০৬) জাতিসংঘ জোন

K. H ENTERPRISE

For the Contractor

Date Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

MULTIPLE STEP TEST
(Period : 4.5 hours)

Page No : 7

Date: 1/12/06	Well No
Starting Time 19 hrs 30 minute, Capacity of Pump 3 cusec	District : Rajshahi
Ref. Mark (Top of Housing) 2'-0" ft. above G.L.	Upazilla : Autary
Static Water Level 10'-0" ft. below top of Housing Pipe.	Union : Kachharagar
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza : Govindapur
Length of UWC 100 ft. Depth of Pump Setting 6.5	TT. No : 43
	Plot No : 132

Time	Piezometric Height (inch)	Discharge (cusec)	Pumping Water Level (ft.)	Actual Draw-Down (ft.)	Remarks
100mm (11.5hrs)	-	-	10'-0"	-	100% Discharge
10 mm	53"	2.00	29'-2"	19'-2"	
20 mm			29'-5"	19'-5"	
30 mm			29'-7"	19'-7"	
45 mm			29'-9"	19'-9"	
60 mm			29'-10 1/2"	19'-10 1/2"	
90 mm			29'-11 1/2"	19'-11 1/2"	
100 mm	84"	2.5	30'-0"	20'-0"	125% Discharge
120 mm			34'-9"	24'-9"	
135 mm			34'-10 1/2"	24'-10 1/2"	
150 mm			34'-11 1/2"	24'-11 1/2"	
180 mm	113"	3.00	35'-0"	25'-0"	150% Discharge
190 mm			39'-6"	29'-6"	
200 mm			39'-8"	29'-8"	
210mm			39'-9 1/2"	29'-9 1/2"	
225 mm			39'-10 1/2"	29'-10 1/2"	
240 mm			39'-11 1/2"	29'-11 1/2"	
270 mm (16 hrs)			40'-0"	30'-0"	

SWL :	10'-0"	ft.
PWL :	40'-0"	ft.
Final discharge	3.00	cusec
Specific Draw Down	10.00	ft/cusec.

S. SAE SAE

Date: 1/12/06

Asstt. Engr. (for the contractor)

Date: 1/12/06

K. H. ENTERPRISE

For the Contractor

Date: 1/12/06

উপ-সহকারী প্রকৌশলী
বিভাগীয়, ইকো-২, আটোরা জেলা
আটোরা, পঞ্চদশ

বিভাগীয়, ইকো-২, আটোরা জেলা
আটোরা, পঞ্চদশ



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

COMPLETION CERTIFICATE OF PUMP HOUSE

Well No :
District : **Paichagore**
Upazilla : **Autoary**
Union : **Radhahagar**
Mouza : **Govindopur**
J.L. No : **43**
Plot No : **892**

Name of Contractor :

K. H. ENTERPRISE.

Date of Starting : **1/2/2007**Date of Completion : **1/2/2007.**

Certified that the contractor has completed the construction work of pump house successfully at the above mentioned site as per specification in accordance with clause-18 of the general and special conditions of contract.

Following works have been completed specifically and checked the works personally:

SL. No.	Descriptions of works	Completed (Yes/No.)	Remarks
1.	Plastering work	Yes	
2.	Slab casting	Yes	
3.	Roof casting	Yes	
4.	Discharge box	-	
5.	White washing	Yes	
6.	Lime tracing/Bitumin emulsion	Yes	
7.	Fitting of door made of wood/metal sheet with proper paint	Yes	
8.	Pump and Engine base	Yes	
9.	RCC beam	Yes	
10.	Ditch filling and Site development	Yes	
11.	Lock & Key supply (2 nos)	Yes	

SSAE/SAE

Date

Asstt Engr. (সহকারী প্রকৌশলী)

Date

K. H. ENTERPRISE

For the Contractor

Date

Proprietor

C: 5-BMDA-003(P-1)

বিস্তারিত, ৪৪টি-২, আটোরাঙ্গী জোড়
আটোরাঙ্গী, পঞ্চদশ



**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH**

INSPECTION OF VERTICALITY OF THE TUBEWELL

Before Pump Installation

1. Well No. :
2. District : Faridkot
3. Upazilla : Autary
4. Union : Radhakapur
5. Mouzar : Govindapur
6. J.L. No. : 43
7. Plot No. : 892
8. Total Length of the Tubewell : 207'-7"
9. Length of UWC (Excluding Reducer) 100' ft. Date : 30/11/2006.
10. Name of Sinking Contractor : K. H. ENTERPRISE.

VERTICALITY DATA SHEET

Suspension Height (H) 10 ft. Dia of UWC, d_1 14" inch
Dia of Disc, d_2 13.5" inch

Depth in ft. L.	Deviation in inch X	Bearing Reading Pointing North	Calculated Deviation in inch $D' = \frac{X(L+H)}{H}$	Disc Factor $C = \frac{d_1 - d_2}{2}$	Deviation in inch $D = D' + C$
10'	1/16	NE	.12	.25	.37
20'	1/8	-	.37	.25	.62
30'	1/8	-	.50	.25	.75
40'	1/8	-	.62	.25	.87
50'	1/8	-	.75	.25	1.00
60'	3/16	-	1.01	.25	1.56
70'	3/16	-	1.5	.25	1.75
80'	3/16	-	1.68	.25	1.93
90'	1/16	-	.62	.25	.87
100'	1/16	NE	.68	.25	.93
110'					
120'					

11. Maximum Deviation : 1.93 inch at depth 100' ft.
12. Other observation, if any :
13. Straightness : Dolly passed upto _____ ft. freely in the UWC

SSAE/SAE

Date _____

Asstt. Engr.

Date _____

For the Contractor

Date _____

K. H. ENTERPRISE

Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

PUMP AND ENGINE INSTALLATION

Well No :
District : **Panchagore**
Upazilla : **Autary**
Union : **Radharagar**
Mouza : **Govindapur**
J.L. No : **43**
Plot No : **892**

Name of Contractor :

K.L. ENTERPRISE.

Date of Starting :

Date of Completion :

Engine Type **CHINA** Engine No. **-**

Gear Frame type GP **-** Gear Drive No. **-**

Pump Category **Submersible-60'1"** Pump No. **-**

Discharge Head No. **-**

No. of long column pipe **6x10'** No. of short column pipe **-**

Length of suction pipe with bell mouth : **-**

Total length of pump installation **64'** Length of discharge pipe **1 No.**

Is the engine exhaust pipe fixed and kept out of the pump house : Yes/No.

Comments, if any :

SSAE/SAE

Date

Asstt Engr.

Date

For the Contractor

Date

K.L. ENTERPRISE

Proprietor

Engine Model :	
Engine No :	
Engine H. P. :	25
Clutch No :	
Spicer shaft No :	
Gear No :	
Gear Ratio :	
Pump Model :	Olina Submersible
Stage of pump :	2 (TW)
Depth of Pump Setting :	55' "
Static Water Level :	14' " below top of Housing pipe



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY

RAJSHAH I

Well No :	
District :	Patna
Thana :	Autyary
Union :	Radi Nagar
Mouza :	Govindapur
J.L. No :	43
Plot No :	892

COMMISSIONING ACCEPTANCE TEST

RECORD : DURATION 5 : HRS

Date 12-9-07

Starting time 09 hr 00 min.

Time		R.P.M.	Oil Pressure	Engine Temp °C	Dis-charge (Cusec)	Fuel Gauge			Fuel consumption (Galls)				Pump Discharge Level ft	Specific Drawdown ft/cusec	Remarks
Hrs Run	Hour Meter Reading					Start a	Stop B	Fuel Used a-b=c	Start d	Stop e	Time Minits d-e=f	Gallon per hr-hr = f xhd			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0 hr	00017					00017							14-9-07	S.W.I.	
1 hr					2			22	0.00		60	.88	39'-2 1/2"		
2 hrs					"			"			"		39'-8"		
3 hrs					"			"			"		39'-12"		
4 hrs					"			"			"		39'-8 1/2"		
5 hrs					"			"			"		39'-9"		
6 hrs	00149				"		00149	"		14.00	"		39'-9 1/2"	42.89 ft / cusec	

1. Is the Exhaust pipe properly fixed & kept out of pump house as per clause of the contract? 2. Is the fuel tank properly fixed with the pump house (where applicable)? 3. Is the Tubewell reference plaque fixed in the pump house?	Yes/No
	-
	Yes.

SSAE/SAE

Date

Asst. Engineer

Date

K. H ENTERPRISE
For the Contractor
Date
Prone

বরেন্দ্র বহুমুখী উন্নয়ন কর্তৃপক্ষ

রাজশাহী।

গভীর নলকূপ হস্তান্তর ফরম

আমি B.M.D.A. দিচ্ছি Paranagore Zone.
 গাম Radhanagar পোস্ট Radhanagar জেলা Paranagore
 এতদ্বারা (সমিতির নাম) Govindapur পক্ষ হইতে দাগ নং 892
 জে, এল, নং 43 দীর্ঘ Govindapur উপজেলা Autogy
 জেলা Paranagore নি, এম, ডি, এ, কর্তৃক স্থাপিত গভীর নলকূপটি আনুষংগিক যন্ত্রপাতিসহ চালু
 অবস্থায় অর্থাৎ ২২/৯/৮৭ তারিখ নি, এম, ডি, এ, এর প্রতিনিধির নিকট হইতে নলকূপ ব্যবহার
 রক্ষণাবেক্ষণ, গ্রুপ তৈরী ও যথাযথ তত্ত্বাবধানের দায়িত্ব বুঝিয়া লইলাম।

গভীর নলকূপের বিবরণ

- ১। ইঞ্জিনের/বৈদ্যুতিক মটরের মডেল ও নং China
 ২। পাম্পের মেইক ও মডেল নং Submersible 60" L.
 ৩। গিয়ার বক্স নং _____
 ৪। ডেলিভারী পাইপ _____
 ৫। স্পাইসার স্যান্ড _____ 1 Nos.
 ৬। টুলসের বিবরণ _____

ক) Starter.

খ) Main Switch.

গ) etc.

ঘ)

ঙ)

চ)

ছ)

(প্রার্থীর পুরা নাম ও ঠিকানা)

১। ঠিকানাদানের
তারিখঃ

K. H. ENTERPRISE

 Proprietor

২। নি, এম, ডি, এ'র পক্ষে--
 তারিখঃ