

Project :

**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH.**

Well No.:

District: **Panchagore**

Upazilla : Autorgy

Union: Balrampur

Mouza : Dhushtu

J.L. No : 52

Plot No : 260

Engineer

Drilling Contractor

Barind Multipurpose
Development Authority

THE ATLANTIS.

DRILLING LOG

Development Authority

Date started 14/2/007 1.00 hrs: Date completed 14/2/07 19.00 hrs.

Date started 11-1-64 : Rod length 10' ft.
 Logged by S. A. E. BADA : Description of formation

Drilling time log			Graphic log	Thickness (ft.)		Description of formation
rod	from	to		from	to	
1	7.00			0	20	Clay
				20	80	Fine sand
				80	150	Medium sand
				150	200	Medium sand
				200	220	Coarse sand with gravel
22	9.00			220	above	Clay

SSAE/SAE

Date _____

Asstt. Engr.

Date _____

For the Contractor

Date _____

Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

INSPECTION OF VERTICALITY OF THE TUBEWELL

Before Pump Installation

- Well No. :
- District : Barisal
- Upazilla : Ahtary
- Union : Balarapur
- Mouza : Dhusu
- J.L. No. : 52
- Plot No. : 260
- Total Length of the Tubewell : 215'-7"
- Length of UWC (Excluding Reducer) 110' ft.
- Name of Sinking Contractor : KH. ENTERPRISE.

Date : 7.9.07
14/02/2007

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		.12	.25	.37
20'	1/16		.28	.25	.43
30'	1/16		.25	.25	.50
40'	1/16		.31	.25	.56
50'	1/16		.37	.25	.62
60'	1/8		.87	.25	1.12
70'	1/8		1.00	.25	1.25
80'	1/8		1.12	.25	1.37
90'	3/16		1.87	.25	2.12
100'	3/16		2.06	.25	2.31
110'					
120'					

- Maximum Deviation : 2.31 inch at depth 100' ft.
- Other observation, if any :
- Straightness : Dolly passed upto 100' ft. freely in the UWC

SSAE/SAE

Date 14/02/08

C-7-BMDA2-252 (P-3)

Asstt. Engr.
Date 14/02/08

For the Contractor
Date 14/02/08

KH. ENTERPRISE

Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

PUMP AND ENGINE INSTALLATION

Well No :
District : **Ponchagore**
Upazilla : **Autary**
Union : **Balarampur**
Mouza : **Dhusna**
LI No : **52**
Plot No : **260**

Name of Contractor :

KH. ENTERPRISE.

Date of Starting : **7.9.07**

Date of Completion : **7.9.07**

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

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

Pump Category **Submersible-60' L** 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 **7/9/07**

Assst Engr.

Date **7/9/07**

For the Contractor **KH. ENTERPRISE**

Date **7.9.07**

Proprietor

C/S-BMDA-RAJSHAH
উপ-সহকারী প্রকৌশলী
বিদ্রনভিএ.ইউ-২, আটোয়ারী জোন
আটোয়ারী, পঞ্চগড়।

বিদ্রনভিএ.ইউনিট-২, আটোয়ারী জোন
আটোয়ারী, পঞ্চগড়।

Engine Model:	
Engine No:	
Engine Hp:	25
Spicer shaft No:	
Gear No.:	
Gear Ratio:	
Pump Model:	Clinia Submersible
Stage of pump:	2 (Two)
Depth of Pump Setting:	55'..... ft.
Static Water Level:	14'..... ft.
below from top of housing pipe	

Well No:	
District:	Pyrclagora
Upazilla:	Autary
Union:	Balaranpur
Mouza:	Dagun
J.L. No:	52
Plot No:	260
Date:	16.02.08
Starting time:	08 hr 00 min

BARING MULTIPURPOSE DEVELOPMENT AUTHORITY
RAUSHAHI
COMMISSIONING ACCEPTANCE TEST
RECORD: DURATION 6: HRS

Time		R.P.M.	Oil press.	Engine Temp. °C	Dis-charge, cusec	Fuel consumption Litre					Pumping Water Level, ft.	Specific Drawdown, ft. cusec	Remarks		
Hrs Run	Hour Meter Reading					Start	Fuel stop	Fuel used 4-way	Start	Stop				Time	Litre per hp-hr = $\frac{\text{Litre}}{\text{hp-hr}}$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0 hr. 00017		00017													
1 hr.					2			22	8.00		60	.88	39'-4 1/2"		
2 hr.					"			"			"		39'-6"		
3 hr.					"			"			"		39'-7 1/2"		
4 hr.					"			"			"		39'-8 1/2"		
5 hr.					"			"			"		39'-9"		
6 hr. 00017					"		00149	"		14.00			39'-9 1/2"	12.89 ft./cusec	

Record No - 0050030055
 1st Entry Price
 Total paid make

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.

S SAE/SAE
 Date *[Signature]*
 C-10-BMDA2420 এনামুল হক
 উপ-সহকারী প্রকৌশলী
 (বি.ই.ইউ.-২, আটোয়ারী জোড়
 আটোয়ারী, পঞ্চদ)

(সহস্রঃ প্রকৌশলী)
 বিজয়জি. ইউনিট-২, আটোয়ারী জোড়
 আটোয়ারী, পঞ্চদ
 For the Contractor
 Date *[Signature]*
 CH. MURPHREE
 প্রকৌশল



বরেন্দ্র বহুমুখী উন্নয়ন কর্তৃপক্ষ
রাজশাহী
গভীর নলকূপ অস্তান্তর ফরম

গ্রাম B.M.D.A. Porchagore Zere.
গ্রাম Balarampur পোঃ Balarampur উপজেলা Autoary জেলা
সমিতির Autoary (সমিতির নাম) Dausu গভীর নলকূপ
অধীন Balarampur ইউনিয়নের Dausu মৌজার 260

সে এম 52 নং দায়ে বরেন্দ্র বহুমুখী উন্নয়ন কর্তৃপক্ষ কর্তৃক স্থাপিত গভীর নলকূপটি আনুসঙ্গিক যন্ত্রপাতিসহ চালু অবস্থায় অদ্য তারিখে বরেন্দ্র বহুমুখী উন্নয়ন কর্তৃপক্ষের নিকট হইতে বুঝিয়া পাউলাম এবং নলকূপটি রক্ষণাবেক্ষন, গ্রাউপ ব্যবস্থাপনা ও পানি মোচাবেক তত্ত্বাবধানের দায়িত্ব গ্রহণ করিলাম। আমি গভীর নলকূপটির সার্বিক নিরাপত্তা নিশ্চয় করিব এবং যে কোন প্রকার ক্ষয়ক্ষতি হইলে দায়ী থাকিব।

২। বরেন্দ্র বহুমুখী উন্নয়ন কর্তৃপক্ষ গভীর নলকূপটি সেচ কার্যে ব্যবহার ও পরিচালনার বিষয়ে সময়ে সময়ে যে সব বিধি/নিয়ম/পদ্ধতি প্রবর্তন করিবেন তা আমরা মানিয়া চলিতে বাধ্য থাকিব।

গভীর নলকূপের বিবরণ :

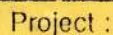
- ১। ইঞ্জিনের/বৈদ্যুতিক মটরের মেক ও মডেল : China
- ২। পাম্পের মেক ও মডেল : Submersible 60' m.
- ৩। পায়ার বয়স নং :
- ৪। ডেলিভারী পাউপ : 1 Nos.
- ৫। স্পাইসার স্যাফট : টি
- ৬। টুলসের বিবরণ : টি

- ক) Starter.
- খ) Main Switch.
- গ) etc.
- ঘ)
- ঙ)
- চ)
- ছ)

দায়িত্ব গ্রহণকারীর স্বাক্ষর :
নাম ও ঠিকানা : আটোয়ারী জোন
আটোয়ারী, পঞ্চগড়।

১। ঠিকাদাতার পক্ষে : M. ENTERPRISE
তারিখ :

(মো: মিজবুর রহমান)
২। নিয়মিতিক্ত এর পক্ষে :
তারিখ : বরেন্দ্র উন্নয়ন কর্তৃপক্ষ, আটোয়ারী জোন
আটোয়ারী, পঞ্চগড়।



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

Well No. :	
District :	Talashnagore
Thana :	Antary
Union :	Balarampur
Mouza :	Phugla

Engineer :

BARIND MULTIPURPOSE
DEVELOPMENT AUTHORITY

Drilling Contractor :

Kh. Kh⁷ Chak. 32.

JL No. 52

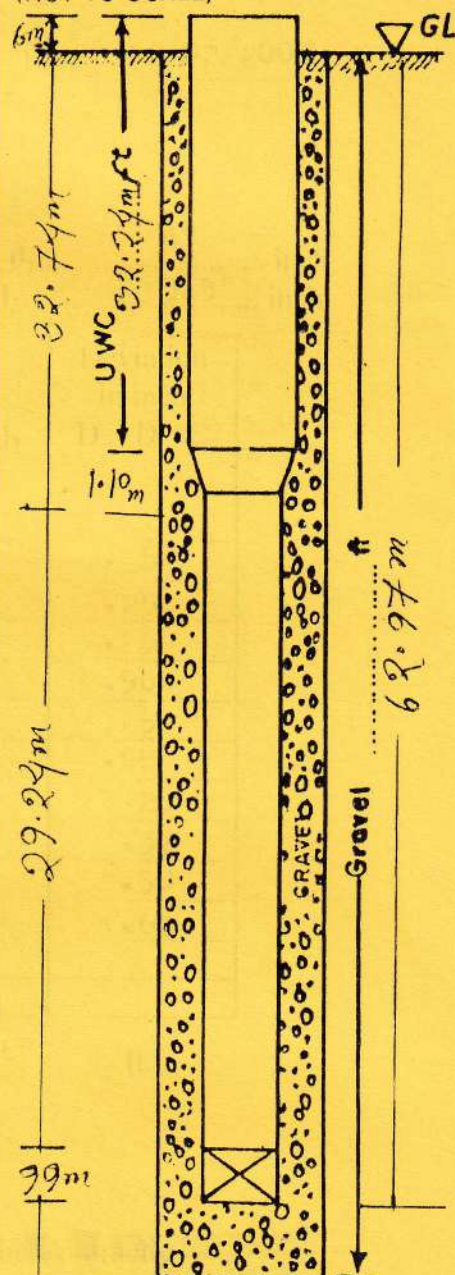
Plot No. : 260

CONSTRUCTIONS DETAILS

Operation	Date	Started	Date	Completed
Drilling	14.2.07	7.00 HRS	14.2.07	19.0 HRS
Casing		HRS		HRS
Gravel Placing	-DC-	20.00 HRS	-DC-	22.0 HRS
Drilling diameter 22" / 24" / 44"				
Housing Pipe (Dia 14") mild steel				
UWC		6m		ft. above GL
UWC (incl. Reducer)		32.74m		ft. below GL
Lapping 1.5m				Total length [ft]
L.W.C. (Dia inch) mild steel				
Depth below GL				
	From.....	to.....	Length [ft]	
	From.....	to.....	Length [ft]	
			Total length [ft]	
Screen (8) inch slot, stainless steel/FG Dia 6"/8"/14"				
Depth below GL	From.....	to.....	Length [ft]	
	From.....	to.....	Length [ft]	
Lapping .76m			Total length [ft]	
Bailplug (Dia.....")				
Depth below GL	From.....	to.....	Length [ft]	
Centralizers				
Depth below GL at				
32.14/35.14/41.14/51.14/61.9/9/62.97m.				
			Total Numbers	6
Gravel				
Gravel quantity (approx)		15.230m	cft.	
Depth below GL	From.....	to.....	Length [ft]	15.230ft.
Fixture length				
	from top of UWC to bottom of Bail plug			63.57m.
Verticality test				
max. deviation.....	2.31	inch	at.....	100ft
Depth				
Date 14/2/2007.				
Material used: 1 x 21m reducer steel Bail Plug				
31.04.30.99-65.83				

Cross Section of the well

(NOT TO SCALE)



Ordered depth 52.97 ft.
(From GL to Bottom of Bail plug)

SAE/Sr. SAE
Date :

Asstt. Engineer
Date :

For the Contractor
Date :

**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH**

INSPECTION OF VERTICALITY OF THE TUBEWELL

Before Shrouding

1. Well No. :
2. District : Rajshahi
3. Upazilla : Antigonish
4. Union : Dalimur
5. Mouza : Dalimur
6. J.L. No. : 52
7. Plot No. : 260
8. Total Length of the Tubewell : 215'-7"
9. Length of UWC (Excluding Reducer) : 10' ft. Date : 14/07/2007
10. Name of Sinking Contractor : Mr. M. Hossain

VERTICALITY DATA SHEET

Suspension Height (H) 0 ft. Dia of UWC, d_1 4" inch
Dia of Disc, d_2 3.5" inch

Depth in ft. L.	Deviation in inch X	Bearing Reading Pointing North	Calculated Deviation in inch $D = \frac{X(H)}{H}$	Disc Factor $C = \frac{d_1 - d_2}{2}$	Deviation in inch $D + D' + C$
10'	0	-	-	.5	.5
20'	0	-	-	.25	.25
30'	0	-	-	.5	.5
40'	1/16	-	.3	.5	.56
50'	1/16	-	.31	.5	.62
60'	1/16	-	.43	.25	.68
70'	1/16	-	.60	.5	.75
80'	1/16	-	.72	.5	.87
90'	1/8	-	.75	.25	.50
100'	1/8	-	.51	.5	.62
110'					
120'					

11. Maximum Deviation : .5 inch at depth 100' ft.

12. Other observation, if any :

SSAE/SAE

Date

Asstt. Engr

Date

For the Contractor

Date

Proprietor

**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH**

INSPECTION OF VERTICALITY OF THE TUBEWELL

After Shrouding

1. Well No. :
2. District : **Rajshahi**
3. Upazilla : **Araihazar**
4. Union : **Bolarampur**
5. Mouza : **Dhuchu**
6. J.L. No. : **52**
7. Plot No. : **160**
8. Total Length of the Tubewell : **215'-1"**
9. Length of UWC (Excluding Reducer) : **10'** ft. Date : **14/02/2007**
10. Name of Sinking Contractor : **M. A. Hossain**

VERTICALITY DATA SHEET

Suspension Height (H) : **10'** ft. Dia of UWC, d_1 : **4"** inch
Dia of Disc, d_2 : **3.5"** 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'	1.6		2	0.5	2.3
20'	1.6		2	0.5	2.3
30'	1.6		2	0.5	2.3
40'	1.6		2	0.5	2.3
50'	1.6		2	0.5	2.3
60'	1.6		2	0.5	2.3
70'	1.6		2	0.5	2.3
80'	1.6		2	0.5	2.3
90'	1.6		2	0.5	2.3
100'	1.6		2	0.5	2.3
110'	1.6		2	0.5	2.3
120'	1.6		2	0.5	2.3

11. Maximum Deviation : **2.3'** inch at depth **0'** ft.
12. Other observation, if any :
13. Straightness : Dolly passed upto **0'** ft. freely in the UWC.

সহকারী প্রকৌশলী
জি. এ. আর. ইসলাম
জি. এ. আর. ইসলাম
জি. এ. আর. ইসলাম
জি. এ. আর. ইসলাম
জি. এ. আর. ইসলাম

Assit. Engr.
(সহকারী প্রকৌশলী)
Date
সহকারী প্রকৌশলী
সি. এ. আর. ইসলাম, ইউনিট-২, জাতীয়তাবাদী রোড
জাতীয়তাবাদী, নরসিংদী।

For the Contractor
Date 
Proprietor

RIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

DEVELOPMENT RECORD (Period : 2 hour)

Page No : 1

Starting Time <u>8</u> hrs <u>00</u> minute, Capacity of Pump <u>3</u> cusec Ref. Mark (Top of Housing) <u>2</u> ft. above G.L. Static Water Level <u>8</u> ft. below top of Housing Pipe. Size of Orifice <u>5</u> inch, Size of Delivery Pipe <u>6</u> inch Length of UWC <u>10</u> ft, Depth of Pump Setting <u>63</u> ft.	Well No. _____ District <u>Tarapur</u> Upazilla <u>Barisal</u> Union <u>Dalampur</u> Mouza <u>Dhushu</u> H. No. <u>52</u> Plot No. <u>760</u>
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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)			8' - 0"	S.W.L.	50% Discharge
05 mn	13.5	2.0	9' - 0"	11' - 1"	
10 mn			9' - 6"	11' - 6"	
15 mn			9' - 10"	11' - 10"	
20 mn			10' - 0"	11' - 1"	
25 mn			10' - 2"	12' - 2"	
30 mn			10' - 2"	12' - 2"	
35 mn	53"	2.00	30' - 10"	22' - 10"	100% Discharge
40 mn			31' - 1"	23' - 1"	
45 mn			31' - 4"	23' - 4"	
50 mn			31' - 6"	23' - 6"	
55 mn			31' - 8"	23' - 8"	
60 mn			31' - 9"	23' - 9"	
65 mn			31' - 10"	23' - 10"	
70mn	84"	2.5	37' - 1"	29' - 7"	125% Discharge
80 mn			37' - 9"	29' - 9"	
90 mn			37' - 10"	29' - 10"	
100 mn	112"	3.00	42' - 6"	35' - 6"	150% Discharge
110 mn			43' - 6"	35' - 8"	
120 mn (2 hrs.)			43' - 9"	35' - 9"	

1 cusec = 28.32 LPS.

S SAE/SAE

Date ১৯/০৮/৮৬

Asstt. Engr.

Date ১৯/০৮/৮৬

For the Contractor **K. H. ENTERPRISE**

Date ১৯/০৮/৮৬

 Proprietor

C:\RIND\DAZ\HSP-2
 ১৯/০৮/৮৬

১৯/০৮/৮৬, ১৯/০৮/৮৬, ১৯/০৮/৮৬
 ১৯/০৮/৮৬

**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAISHAH**

**RECOVERY RECORD
(Period : 1 hour)**

Page No : 2

Date: 16/7/2007	Starting Time 10 hrs 00 Minute	Well No	
		District	Lalchhagore
		Upazilla	Aut Gary
Ref. Mark (Top of Housing) 2 ft. above G.L.		Union	Balarampur
		Mouza	Dumshu
Static Water Level 8 ft. below top of Housing Pipe.		LI No	52
		Plot No	260

Time	Water Level below Reference Mark (ft.)	Remarks
00 mn		
(2 hrs)	4 3/4 - 9"	
01 mn	3 3/4 - 11"	
02 mn	2 2/4 - 10"	
03 mn	2 2/4 - 2"	
04 mn	1 1/4 - 8"	
05 mn	1 1/4 - 0"	
07 mn	1 0/4 - 7"	
09 mn	1 0/4 - 2"	
11 mn	2 2/4 - 10"	
13 mn	3 2/4 - 6"	
15 mn	9 2/4 - 2"	
20 mn	13 2/4 - 11"	
25 mn	9 2/4 - 8"	
30 mn	8 2/4 - 6"	
40 mn	8 2/4 - 4 1/2"	
50 mn	8 2/4 - 3"	
60 mn (3 hours)	8 2/4 - 2"	

S.SAE/SAE

Date: 16/7/2007

Asstt. Engr

Date: 16/7/2007

For the **K. H. ENTERPRISE**

Date: 21/8/2007

Proprietor

BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

SAND TEST RECORD
(Period : 1 hour)

Page No : 3

Date: 16/11/00	Well No :
Starting Time 11 hrs. 00 minute, Capacity of Pump 5 cusec	District : Rajshahi
Ref. Mark (Top of Housing) 2 ft above G.L.	Upazilla : Barisal
Static water level 3'-0" ft below top of Housing Pipe.	Union : Barisal
Size of Orifice 5 inch, Size of Delivery Pipe 5 inch	Mouza : Barisal
Length of UWC 110 ft, Depth of Pump setting 63 ft.	J.I. No. : 52
	Plot No. : 10

Time	Pumping Water Level below Ref. Mark (ft)	Sand Content
00mn	3'-2"	N.B. Accepted Sand Content after 5 minutes 100 ppm and after 10 minutes-30 ppm.
(3 hrs)		
01 mn	4'-0"	
02 mn	4'-1"	
03 mn	4'-5"	
04 mn	4'-8"	
05 mn	4'-11"	
07 mn	4'-2"	
09 mn	4'-5"	
11 mn	4'-7"	
13 mn	4'-6"	Observed Result : (a) After 5 minutes : 5 ppm (b) After 10 minutes : NIL ppm
15 mn	4'-11"	
20 mn	4'-1"	
25 mn	4'-2 1/2"	
30 mn	4'-4"	
40 mn	4'-5"	
50 mn	4'-6"	
60 mn	4'-6 1/2"	
(4 hrs.)		

SSAE/SAE

Date

Asstt Engr.

Date

For the Contractor

Date

CIS-BK/DA-001 (P-2)

উপ-সহকারী প্রকৌশলী
বিজয়ভিহার, ইউনিট-২, আটোরা, বরিশাল
আটোরা, বরিশাল

বিজয়ভিহার, ইউনিট-২, আটোরা, বরিশাল
আটোরা, বরিশাল

Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

Development Records
(Period : 4 hours)
150 % Discharge

Page No : 4

Date: 16/2/2007	Well No. :
Starting Time 12 hrs 00 minute, Capacity of Pump 3 cusec	District : Faridkote
Ref. Mark (Top of Housing) 2 ft above G.L.	Upazilla : Amtol
Static Water Level 13'-0" ft below top of Housing Pipe.	Union : Belarampur
Size of Orifice 5 inch, Size of Delivery pipe 6 inch	Mouza : Dhushu
Length of UWC 110 ft, Depth of Pump Setting 13 ft.	TL No : 52
	Plot No : 260

Time	Piezometric height (ft)	Discharge (cusec)	Pumping Water Level below Ref Mark (ft)	Actual Draw-Down (ft)	Remarks
00mn (4 hrs)	113"	3.00	43'-6"	35'-6"	Back Wash only one time
05 mn			41'-10"	33'-0"	Back wash has been taken after 5mn.
10 mn			42'-2"	34'-0"	
15 mn			42'-4"	34'-4"	
20 mn			42'-5"	34'-5"	
30 mn			42'-6"	34'-6"	
40 mn			42'-8"	34'-8"	
50 mn			42'-10"	35'-10"	
60 mn			43'-0"	35'-0"	
75 mn			43'-1"	35'-1"	
90 mn			43'-2"	35'-2"	
120 mn			43'-3"	35'-3"	
150 mn			43'-4"	35'-4"	
180 mn			43'-6"	35'-6"	
210 mn			43'-5"	35'-5"	
240 mn (8 hrs)			43'-7"	35'-7"	

S SAE/SAF

Date

সহকারী প্রকৌশলী
১৫৫৫/১৫৫৫/১৫৫৫

বিভাগীয় প্রকৌশলী
আইসিআর, ১৫৫৫

Asstt Engr.

সহকারী প্রকৌশলী
১৫৫৫/১৫৫৫/১৫৫৫

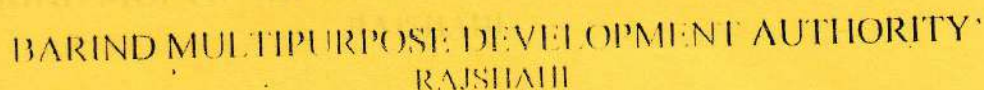
বিভাগীয় প্রকৌশলী
আইসিআর, ১৫৫৫

For the Contractor

Date

১৫/২/০৭

প্রকৌশলী



Page No : 4

Date: 16/2/2007	Well No. :
Starting Time 12 hrs 00 minute, Capacity of Pump 3 cusec	District : Panchagore
Ref. Mark (Top of Housing) 2 ft above G.L.	Upazilla : Amtary
Static Water Level 8'-0" ft below top of Housing Pipe.	Union : Belarampur
Size of Orifice 5 inch, Size of Delivery pipe 6 inch	Mouza : Dhushu
Length of UWC 110 ft, Depth of Pump Setting 13 ft.	H. No. : 52
	Plot No. : 260

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	43"-6 1/2"	35"-6 1/2"	Back Wash only one time
05 mn			41"-10"	32"-10"	Back wash has been taken after 5mn.
10 mn			42"-2"	34"-2"	
15 mn			42"-4"	34"-4"	
20 mn			42"-5"	34"-5"	
30 mn			42"-6"	34"-6"	
40 mn			42"-8"	34"-8"	
50 mn			42"-10"	35"-10"	
60 mn			43"-0"	35"-0"	
75 mn			42"-1"	35"-1"	
90 mn			43"-2 1/2"	35"-2 1/2"	
120 mn			43"-3 1/2"	35"-3 1/2"	
150 mn			43"-4 1/2"	35"-4 1/2"	
180 mn			43"-6 1/2"	35"-6 1/2"	
210 mn			43"-5 1/2"	35"-5 1/2"	
240 mn (8 hrs)			43"-7"	35"-7"	

Date _____

5 BMDA-401 (P-1)

বিজ্ঞান, ইতিহাস, আদি ইত্যাদি
আদি ইত্যাদি, ১৯৭৫

Assu Fingr.
(যেহাউরিকুল ইসহাতি)
সহকারী প্রকৌশলী

সহকারী প্রকৌশলী
বিদ্যুৎবিভাগ, ইউনিট-২: আটোয়ারী কোম
আটোয়ারী, পদ্মগড়

Date _____

Date 22 Dec

BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

RECOVERY RECORD

(Period : 2.5 hours)

150% Discharge

Page No:6

Date: 16/2/2007		Well No:
Starting Time: 17 hrs 0 minute.	Capacity of Pump: 3 cusec	District: Rajshahi
Ref. Mark (Top of Housing):	ft. above G.L.	Upazilla: Barisal
Static Water Level: 8	ft. below top of Housing Pipe.	Union: Barisal
Size of Orifice: 5 inch.	Size of Delivery Pipe: 6 inch	Mouza: Barisal
Length of UWC: 110	ft. Depth of Pump Setting: 3	J.L. No: 22
		Plot No: 10

Time	Water Level below Reference Mark (ft.)	Remarks
00 mn	45'-0"	Pumping discontinued
(9 hrs)		
02 mn	41'-0"	
04 mn	40'-7"	
06 mn	40'-3"	
08 mn	39'-6"	
10 mn	39'-2"	
15 mn	38'-11"	
20 mn	38'-9"	
25 mn	38'-7"	
30 mn	38'-5"	
40 mn	38'-3"	
50 mn	38'-2 1/2"	
60 mn	38'-1 1/2"	
75 mn	38'-1"	
90 mn	38'-1"	
105 mn	38'-1"	
120 mn	38'-1/2"	
135 mn	38'-1/2"	
150 mn (11.5 hours)	38'-1/2"	

S SAE/SAE

Date: 16/2/2007

Asstt. Engr.

Date:

For the Contractor

Date:

C. H. ENTERPRISE
Proprietor

উপ-সহকারী প্রকৌশলী

উপ-সহকারী প্রকৌশলী

উপ-সহকারী প্রকৌশলী

উপ-সহকারী প্রকৌশলী



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

MULTIPLE STEP TEST
(Period : 4.5 hours)

Page No : 7

Date: 16/2/2007	Well No
Starting Time 19 hrs 30 minute, Capacity of Pump 3 cusec	District: Panchagore
Ref. Mark (Top of Housing) 2'-0" ft. above G.L.	Upazilla: Aurang
Static Water Level 8'-0" ft. below top of Housing Pipe.	Union: Balarampur
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza: Dhushu
Length of UWC 410 ft. Depth of Pump Setting 63	J.L. No: 52
	Plot No: 260

Time	Piezometric Height (inch)	Discharge (cusec)	Pumping Water Level (ft.)	Actual Draw Down (ft.)	Remarks
00mn (11.5hrs)	-	-	31'-3"	-	100% Discharge
10 mn	53	2.00	31'-3"	23'-3"	
20 mn			31'-5"	23'-5"	
30 mn			31'-6"	23'-6"	
45 mn			31'-8"	23'-8"	
60 mn			31'-9"	23'-9"	
90 mn			31'-9"	23'-9"	
100 mn	84"	2.5	31'-9"	23'-9"	
120 mn			31'-4"	29'-4"	125% Discharge
135 mn			31'-6"	29'-6"	
150 mn			31'-7"	29'-7"	
180 mn			31'-8"	29'-8"	
190 mn	113"	3.00	31'-9"	29'-9"	
200 mn			43'-0"	35'-0"	150% Discharge
210mn			43'-2"	35'-2"	
225 mn			43'-5"	35'-5"	
240 mn			43'-6"	35'-6"	
270 mn (16 hrs)			43'-7"	35'-7"	
			43'-8"	35'-8"	

SWL :	8'-0"	ft.
PWL :	43'-8"	ft.
Final discharge	3.00	cusec
Specific Draw Down	11.80	ft/cusec.

S.SAE/SAE

Date

Asstt. Engr.

Date 16/2/2007

সহকারী প্রকৌশলী

বিদ্যুৎবিভাগ, ইউ-৮-২, আটোয়ারী জোম
আটোয়ারী, পঞ্চগড়।

For the contractor

Date

K. H. ENTERPRISE
Proprietor

For the Contractor

BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

COMPLETION CERTIFICATE OF PUMP HOUSE

Well No :
District : **Barisal**
Upazilla : **Autoary**
Union : **Balarampur**
Mouza : **Dhusu**
J.L. No : **52**
Plot No : **260**

Name of Contractor :

Mr. M. T. H. H. S. S.

Date of Starting : **10/11/07**Date of Completion : **10/3/2007**

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.

Date

For the Contractor

Date

(Signature)

Proprietor

C-5-BM/DA-003(P-1)

অসিস্টেড এঞ্জিনিয়ার
জি.এ.এ.সি. ২০০৮-০৯, আওতাধীন জেলা
আওতাধীন, পঞ্চাঙ্গ