

BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH.

Plot No : 2020

Drilling Contractor

A. KALAM BUTLERIDGE-

DRILLING LOG

Date started 5/2/2007 7.00 hrs; Date completed 8/15/07 19.00 hrs.

Logged by S.A.E. Autrary; Rod length 10' ft.

[illegible]SSAE/SAP *12.10.87*

Date: 06/01/01

ପ୍ରମାଣିତ କରାଯାଇଅଛି

বি.এ.এ. (B.A.) 2-352 (P. 1) খ. ১০

ଆତୋହାଣ୍ଡୀ, ନବମ୍ବର ।

Asstt. Engr. (कृषि तथा ईशजाल)

Date _____

বিএমটিএ, ইউনিট-২, জাটোরাকী জোম
জাটোরাকী, পঞ্চগড়।

For the Contractor, 1/1/2017

Date Mr. S. Apple

Proprietor

Date _____



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

PUMP AND ENGINE INSTALLATION

Well No :
District : **Perchagore**
Upazilla : **Autchary**
Union : **Balarampur**
Mouza : **Chuchuli**
J.L. No : **53**
Plot No : **2020**

Name of Contractor :

KH. Enterprise.

Date of Starting : **30.7.07**

Date of Completion : **30.7.07**

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

30/07/07

Assn. Engr.

Date

30/07/07

For the Contractor

Date

KH. ENTERPRISE

M.A.

Proprietor

CS-BARDA 00341-2
উপ-সহকারী প্রকৌশলী
বিদ্যুৎবিভাগ, ইউনিট-২, আটোয়ারী জোন
আটোয়ারী, পঞ্চগড়।

(মো: মিজানুর রহমান)
সহকারী প্রকৌশলী
বিদ্যুৎবিভাগ, ইউনিট-২, আটোয়ারী জোন
আটোয়ারী, পঞ্চগড়।

Engine Model:	
Engine No:	
Engine Hp:	25
Spicer shaft No:	
Gear No.:	
Gear Ratio:	
Pump Model:	Clara 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	Prenagore
Upazilla	Autary
Union	Belarampur
Mouza	Chuchuli
J.L. No	53
Plot No	2020

Date 23.02.08

Starting time 08 hr 00 min

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

Time	Hrs Run	Hour Meter Reading	Oil R.P.M.	Oil press.	Engine Temp. °C	Dis-charge, cusec	Fuel consumption				Litre per hp-hr = $\frac{\text{Fuel}}{\text{hp-hr}}$	Pumping Water Level	Specific Drawdown, ft. cusec	Remarks
							Start	Stop	Fuel stop	Time				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0 hr.	00017											14'-0"	9.5 W.L.	
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.	00949				"		00149		14.00			39'-9 1/2"	12.89 ft./cusec	

Order No - 005003000350
 Test prepaid water
 RA Baran Price 000350

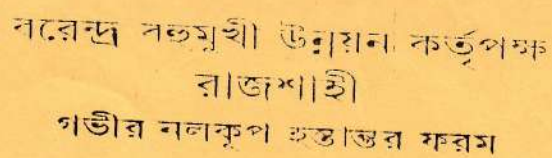
1. Is the exhaust pipe properly fixed & kept out of pump house as per clause of the contract?
2. Is the fuel tank properly fixed with the pump house (where applicable)?
3. Is the Tubewell reference plaque fixed in the pump house?

Yes	No
-	-
Yes.	

S SAE/SAE
 Date 23/02/08
 C-10-BMDA2-1297: এনাগল হক
 উপ-সহকারী প্রকৌশলী
 বিদ্যুৎ, ইউ-২, আটোয়ারী জোয়
 আটোয়ারী, পঞ্চগড়।

For the Contractor
 Date 23/02/08
 M. B.
 Proprietor

(Asstt. Engr.)
 Date 23/02/08
 বিদ্যুৎ, ইউনিট-২, আটোয়ারী জোয়
 আটোয়ারী, পঞ্চগড়।



B.M.D.A.

כח

Ponchaigore Zone.

21131 Balarampur

୧୧୩

Balarampur

উৎসাহ

Autocary

ଜେନା।

Perchagore এতদ্বারা (সমিতিত)
সমিতিত Autocary উপস্থাপন

न।३।)

Cucubuli

গভীর

नलकुप

अमीन Balarampur

ॐ नमो भगवते वासुदेवाय

Cluculi

ମୋହର

2020

୫୩ ୫୩

১২ দায়ে নরেন্দ্র নকশুখী উন্নয়ন কর্তৃপক্ষ কর্তৃক স্থাপিত গভীর নলকূপটি আনুষঙ্গিক
গভীর নালস্থাপনা ও নিচ মোড়ানক ভূদ্বারসহকারে দায়িত্ব গ্রহণ করিলাম। আমি গভীর
এবং যে কোন প্রকার অসমর্থতার জন্য দায়ী থাকিব।

২। বনেন্দ্র বড়মুখী উন্নয়ন কর্তৃপক্ষ গভীর নলকূপটি সোচ কার্যে ব্যবহার ও পরিচালনার নিয়মে সময়ে সময়ে যে সব বিধি/নিয়াম/প্রকৃতি প্রবর্তন করিবেন তা আমরা মানিয়া চলিতে বাধ্য থাকিব।

पत्नीत नमस्कृत्य नित्यतः ॥

ইঞ্জিনের/বিদ্যুতিক মটরের মোক ও মডেল : ০.১৮০

১। পার্শ্বের মোক ও মডেল : **Submersible=60' h.**

७। गिरात वत्स नरः ॥

81 ডেলিভারী পাইপ : 1 Nos.

১। অশ্বিনী মাস ১৫

७। टूलसेत्र विनतप ॥

क) Starter.

3) Main Switch.

7) etc.

घ)

3)

6)

5)

KL. ENTERPRISE

১। ঠিকাদারের নাম: ~~M. H.~~
তারিখ: ~~Proprietor~~

S-BANDA 1-319

नाम ३ ठिकाना :

3 ठिकाना :

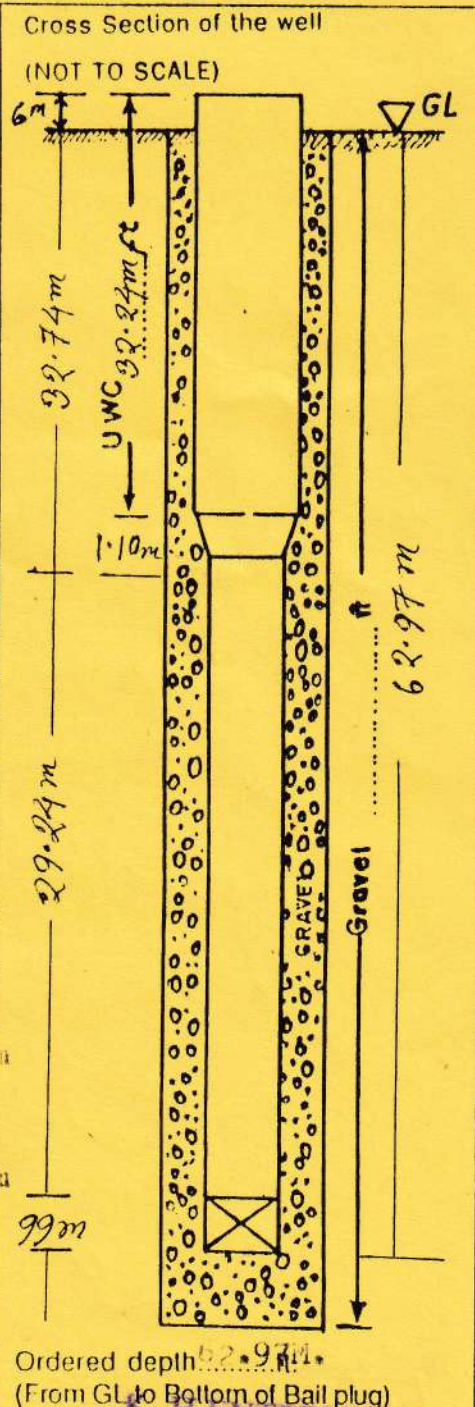
२ । निअमहिअ एत

तानि ॥

সহকারী প্রকৌশলী
বিস্মা... ইকনিট-৩, আটোয়ারী জোত্র
আটোয়ারী, পঞ্চগড়।

 Project : BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAHI		Well No. : District : Lanchagore Thana : Autary Union : Balrampur Mouza : Chuchuli J.L. No. : 53 Plot No. : 2020
Engineer : BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY	Drilling Contractor : A. KALAN ENTERPRISE.	CONSTRUCTIONS DETAILS

Operation	Date	Started	Date	Completed
Drilling	5/2/07	1.00 HRS	5/2/07	19.00 HRS
Casing				
Gravel Placing	-00-	20.00 HRS	-00-	22.00 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] 33.34M
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 32.74M to 61.98M		Length [ft]
				29.24M
Lapping .76M				
				Total length [ft] 29.24M
Bailplug (Dia.....")				
Depth below GL		From 61.98M to 62.97M		
				.99M
Centralizers				
Depth below GL at				
02/122/132/152/172/192/207M.				
				Total Numbers 1
Gravel				
Gravel quantity (approx)		15.230um cft.		
Depth below GL		From GL to 210M		Length [ft]
				15.23M
Fixture length				
from top of UWC to bottom of Bail plug				
				63.57M
Verticality test				
max. deviation		1.75M inch at 70M		
Depth				
Date 05/02/2007				
Material used 1/2" with reducer + Screen + bail Plug =				
34.04 + 30 + .99 = 65.03M. Lapping = 1.5M + .76M = 2.26M.				



SAE/SP/SAE
Date
For the Contractor

Assn. Engineer
Date

For the Contractor
Date



**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH**

INSPECTION OF VERTICALITY OF THE TUBEWELL

Before Shrouding

1. Well No. :
2. District: Raichanagore
3. Upazilla: Autoary
4. Union: Balrampur
5. Mouza: Ganguly Chuchuli
6. J.L. No.: 53
7. Plot No.: 2020
8. Total Length of the Tubewell: 209'-4"
9. Length of UWC (Excluding Reducer) 110' ft. Date: 5/2/2007
10. Name of Sinking Contractor: A. Kalam Enterprise.

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'	1/16	NE	.12	.25	.37
20'	1/16	-	.18	.25	.43
30'	1/16	-	.25	.25	.50
40'	1/8	-	.62	.25	.87
50'	1/8	-	.75	.25	1.00
60'	3/16	-	1.31	.25	1.56
70'	1/8	NE	1.00	.25	1.25
80'	1/8	-	1.12	.25	1.37
90'	1/16	-	.62	.25	.87
100'	1/16	-	.68	.25	.93
110'					
120'					

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

SSAE/SAE Feb 10.07
Date সোঃ এনাবুল হক
উপ-সহকারী প্রকৌশলী
কেন্দ্রীয় অফিস (রাঃ) টাঙ্গাইল জোন
আটোরাঙ্গা, টাঙ্গাইল।

Asstt. Engr.
Date সোঃ এনাবুল হক
উপ-সহকারী প্রকৌশলী
বিভাগীয় অফিস (রাঃ) আটোরাঙ্গা জোন
আটোরাঙ্গা, টাঙ্গাইল।

For the Contractor
Date 5/2/2007
A. Kalam Enterprise
Proprietor



**BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH**

INSPECTION OF VERTICALITY OF THE TUBEWELL

1. Well No. : _____
 2. District : Faridkot
 3. Upazilla : Autoary
 4. Union : Balrampur
 5. Mouza : Chuchuli
 6. J.L. No. : 53
 7. Plot No. : 2020
 8. Total Length of the Tubewell : 109'-4"
 9. Length of UWC (Excluding Reducer) : 110' ft.
 10. Name of Sinking Contractor : A. Kalam Enterprise. Date : 5/2/2007

After Shrouding

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'	0	-	-	-	-
20'	0	-	-	.25	.25
30'	1/16	-	-	.25	.25
40'	1/16	NE	.25	.25	.50
50'	1/8	-	.31	.25	.56
60'	1/8	-	.65	.25	1.00
70'	3/16	-	.87	.25	1.12
80'	1/8	-	1.5	.25	1.75
90'	1/8	-	1.12	.25	1.37
100'	1/8	-	1.25	.25	1.50
110'	1/8	NE	1.37	.25	1.62
120'					

11. Maximum Deviation : 1.75 inch at depth 70 ft.
 12. Other observation, if any : _____
 13. Straightness : Dolly passed upto 100' ft. freely in the UWC.

SSAE/SAE Shaw
 Date 06.10.07
 উপ-সহকারী প্রকৌশলী
 (সহকারী প্রকৌশলী) কোম
 জাতিসংঘ, নতুনগু।

Asst. Engr. উদয়
 Date ০৬/১০/০৭
 সহকারী প্রকৌশলী
 (সহকারী প্রকৌশলী) কোম
 জাতিসংঘ, নতুনগু।

For the Contractor Enterprise
 Date 06.10.07
 Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

DEVELOPMENT RECORD (Period : 2 hour)

Page No : 1

Date: 7/2/2007		Well No.	
Starting Time 8 hrs 00 minute, Capacity of Pump 3 cusec		District	Fenchagore
Ref. Mark (Top of Housing) 2 ft. above G.L.		Upazilla	Autoary
Static Water Level 13' ft. below top of Housing Pipe.		Union	Balrampur
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch		Mouza	Chucnuli
Length of UWC 110' ft, Depth of Pump Setting 60 ft.		J.L. No.	53
		Plot No.	020

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)			13'-0"	S.W.L.	50% Discharge
05 mn	13.5"	1.02	24'-3"	11'-3"	
10 mn			24'-5 1/2"	11'-5 1/2"	
15 mn			24'-8"	11'-8"	
20 mn			24'-10"	11'-10"	
25 mn			25'-0"	12'-0"	
30 mn			25'-1"	12'-1"	
35 mn	53"	2.00	35'-5"	22'-5"	100% Discharge
40 mn			35'-8"	22'-8"	
45 mn			35'-10 1/2"	22'-10 1/2"	
50 mn			36'-1/2"	23'-1/2"	
55 mn			36'-2"	23'-2"	
60 mn			36'-3"	23'-3"	
65 mn			36'-4"	23'-4"	
70mn	84"	2.50	41'-10"	28'-10"	125% Discharge
80 mn			42'-0"	29'-0"	
90 mn			42'-1"	29'-1"	
100 mn	113"	3.00	47'-7 1/2"	34'-7 1/2"	150% Discharge
110 mn			47'-9"	34'-9"	
120 mn (2 hrs.)			47'-10"	34'-10"	

1 cusec = 28.32 LPS.

S SAE/SAE
Date 06.02.07
উপ-সহকারী প্রকৌশলী
বিদ্যুৎ বিভাগ, ইউএইচ-২, আটোয়ারী জোয়
C-10-BMDA2-U8(P-2) ককড়া

Asstt. Engr.
Date (মোঃ কামিলুল ইসলাম)
সহকারী প্রকৌশলী
বিদ্যুৎ বিভাগ, ইউএইচ-২, আটোয়ারী জোয়
আটোয়ারী, ককড়া

For the Contractor
Date
Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

RECOVERY RECORD (Period : 1 hour)

Page No : 2

Date: 7/2/2007	Well No	
Starting Time 10 hrs 00 Minute	District	Palchagore
Ref. Mark (Top of Housing) 2 ft. above G.L.	Upazilla	Autoary
Static Water Level 13 ft. below top of Housing Pipe.	Union	Balrampur
	Mouza	Chuchuli
	L.L. No	53
	Plot No	2020

Time	Water Level below Reference Mark (ft.)	Remarks
00mn		
(2 hrs)	47'-10"	
01 mn	18'-11"	
02 mn	17'-10"	
03 mn	16'-11"	
04 mn	16'-5"	
05 mn	16'-0"	
07 mn	15'-7½"	
09 mn	15'-4½"	
11 mn	15'-2"	
13 mn	14'-10½"	
15 mn	14'-7"	
20 mn	14'-4"	
25 mn	14'-2"	
30 mn	14'-0"	
40 mn	13'-10"	
50 mn	13'-9"	
60 mn		
(3 hours)	13'-8"	

S.SAE/SAE

Date

Asstt. Engineer (Civil)

Date

For the

Date

K. H. ENTERPRISE

Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

SAND TEST RECORD

(Period : 1 hour)

Page No : 3

Date: 7/2/2007	Well No
Starting Time 11 hrs. 00 minute, Capacity of Pump 3 cusec	District Parachagore
Ref. Mark (Top of Housing) 2 ft above G.L.	Upazilla Autoary
Static water level 13 ft below top of Housing Pipe.	Union Balrampur
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza Chuchuli
Length of UWC 110 ft, Depth of Pump setting 60 ft.	J.L. No. 53
	Plot No. 2020

Time	Pumping Water Level below Ref. Mark (ft)	Sand Content
00mn		
(3 hrs)	13'-8"	
01 mn	45'-2"	
02 mn	45'-6"	
03 mn	45'-9"	
04 mn	46'-0"	
05 mn	46'-2"	
07 mn	46'-4"	
09 mn	46'-6"	
11 mn	46'-8"	
13 mn	46'-9 1/2"	
15 mn	46'-11"	
20 mn	47'-0"	
25 mn	47'-1"	
30 mn	47'-2 1/2"	
40 mn	47'-4"	
50 mn	47'-5"	
60 mn	47'-6"	
(4 hrs.)		

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 : 05 ppm

SSAE/SAE

Date

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

বিরতি, ৫৫:২০, আটোয়ারী জোন
আটোয়ারী, পঞ্চদশ

Asstt Engr

Date

৫৫:২০, ৫৫:২০, আটোয়ারী জোন
আটোয়ারী, পঞ্চদশ

For the Contractor

Date

Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

Development Records
(Period : 4 hours)
150 % Discharge

Page No : 4

Date: 7/2/2007	Well No :
Starting Time 12 hrs 00 minute, Capacity of Pump 3 cusec	District : Baranagore
Ref. Mark (Top of Housing) 2 ft above G.L.	Upazilla : Autary
Static Water Level 13 ft below top of Housing Pipe.	Union : Balrampur
Size of Orifice 5 inch, Size of Delivery pipe 6 inch	Mouza : Chuchuli
Length of UWC 110 ft, Depth of Pump Setting 60 ft	J.L. No : 53
	Plot No : 2020

Time	Piezometric height (ft)	Discharge (cusec)	Pumping Water Level below Ref Mark (ft)	Actual Draw-Down (ft)	Remarks
00mn (4 hrs)	113"	3.00	47'-6"	34'-6"	Back Wash only one time
05 mn			45'-10"	33'-10"	
10 mn			45'-2"	33'-2"	
15 mn			46'-3"	33'-3"	
20 mn			46'-5"	33'-5"	
30 mn			46'-6 1/2"	32'-6 1/2"	
40 mn			46'-8 1/2"	33'-8 1/2"	
50 mn			46'-10"	33'-10"	
60 mn			46'-11"	33'-11"	
75 mn			47'-1"	34'-1"	
90 mn			47'-2 1/2"	34'-2 1/2"	
120 mn			47'-4"	34'-4"	
150 mn			47'-5"	34'-5"	
180 mn			47'-6"	34'-6"	
210 mn			47'-6 1/2"	34'-6 1/2"	
240 mn (8 hrs)			47'-7"	34'-7"	

S.SAE/SAE
Date 06/10/07

Asstt Engr
Date

K. H. ENTERPRISE
For the Contractor
Date

মোঃ এনায়েত হক
সিস-ইম্পিউমেন্ট প্রকৌশলী
বিএনডিএ, ইউ-২, আটোয়ারী জোন
আটোয়ারী, পঞ্চগড়।

(মোঃ শফিকুল ইসলাম)
সহকারী প্রকৌশলী
বিএনডিএ, ইউ-২, আটোয়ারী জোন
আটোয়ারী, পঞ্চগড়।

Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

PUMP TEST RECORD

(Period : 1 hours)

150% Discharge

Page No: 5

Date: 7/2/2007	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 : Aftabgarh
Static Water Level 13'-0" ft. below top of Housing Pipe.	Union : Balarampur
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza : Chuchuli
Length of UWC 110' ft, Depth of Pump Setting 60 ft.	J.L No : 53
	Plot No : 2020

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.)	133"	3.00	47'-7"	34'-7"	
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			47'-12"	34'-12"	
40 mn			"	"	
50 mn			"	"	
60 mn (9 hrs)			47'-13"	34'-13"	

S SAE/SAC

Date: 7/2/07

Asstt. Engr.

Date:

For the Contractor

Date:

Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY
RAJSHAH

RECOVERY RECORD

(Period : 2.5 hours)

150% Discharge

Page No:6

Date: 11/06/2007	Well No.	
Starting Time 11 hrs 00 minute, Capacity of Pump 3 cusec	District	Rajshahi
Ref. Mark (Top of Housing) 2 ft. above G.L.	Upazilla	Antony
Static Water Level 13 ft. below top of Housing Pipe	Union	Balarampur
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza	Chuchuli
Length of UWC 110' ft. Depth of Pump Setting 60 ft	LL No	53
	Plot No	2020

Time	Water Level below Reference Mark (ft.)	Remarks
00 mn		
(9 hrs)	47'-8"	
02 mn	17'-3"	Pumping discontinued
04 mn	16'-0"	
06 mn	15'-4"	
08 mn	15'-0"	
10 mn	14'-7 1/2"	
15 mn	14'-4 1/2"	
20 mn	14'-2"	
25 mn	14'-0"	
30 mn	13'-10"	
40 mn	13'-9"	
50 mn	13'-8"	
60 mn	13'-8"	
75 mn	13'-6"	
90 mn	13'-5"	
105 mn	13'-4"	
120 mn	13'-3 1/2"	
135 mn	13'-2 1/2"	
150 mn (11.5 hours)	13'-2"	

S SAE/SAB
Date 11.06.07
C/O BMDA (HDP)

Asstt. Engineer (Rajshahi)
Date 11.06.07
সি.এ.এ. ১০৬-২, কাকোতালী থানা
কাকোতালী, নরসিংদী।

For the Contractor
Date 11.06.07
Proprietor



BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

MULTIPLE STEP TEST
(Period : 4.5 hours)

Page No : 7

Date: 7/2/2007	Well No
Starting Time 19 hrs 30 minute, Capacity of Pump 5 cusec	District : Farachgore
Ref. Mark (Top of Housing) 2'-0" ft. above G.L.	Upazilla : Autoary
Static Water Level 13'-0" ft. below top of Housing Pipe	Union : Balarampur
Size of Orifice 5 inch, Size of Delivery Pipe 6 inch	Mouza : Chachuli
Length of UWC 110' ft. Depth of Pump Setting 60	LL No - 53
	Plot No 2020

Time	Piezometric Height (inch)	Discharge (cusec)	Pumping Water Level (ft.)	Actual Draw-Down (ft.)	Remarks
00mn (11.5hrs)	-	-	13'-2"	-	100% Discharge
10 mn	53"	2.00	35'-7"	22'-7"	
20 mn			35'-9"	22'-9"	
30 mn			35'-11"	22'-11"	
45 mn			36'-1/2"	23'-1/2"	
60 mn			36'-1 1/2"	23'-1 1/2"	
90 mn			36'-2"	23'-2"	
100 mn	84"	2.5	41'-6"	28'-6"	125% Discharge
120 mn			41'-8 1/2"	28'-8 1/2"	
135 mn			41'-10"	28'-10"	
150 mn			41'-11"	28'-11"	
180 mn			41'-11 1/2"	28'-11 1/2"	
190 mn	113"	3.00	47'-3"	34'-3"	150% Discharge
200 mn			47'-5"	34'-5"	
210mn			47'-6 1/2"	34'-6 1/2"	
225 mn			47'-7 1/2"	34'-7 1/2"	
240 mn			47'-8 1/2"	34'-8 1/2"	
270 mn (16 hrs)			47'-9"	34'-9"	

SWL :	13'-0"	ft.
PWL :	47'-9"	ft.
Final discharge	3.00	cusec
Specific Draw Down	11.58	ft/cusec.

S.S.A.E.

Date: 06.10.07

উপ-সহকারী প্রকৌশলী

Asstt. Engr.

Date: 06.10.07

আওতাধীন, পঞ্চাঙ্গী

K. HENTERPRISE

For the Contractor

Date:

Proprietor



Copy for

BARIND MULTIPURPOSE DEVELOPMENT AUTHORITY RAJSHAH

COMPLETION CERTIFICATE OF PUMP HOUSE

Well No :
District : Rajshahi
Upazilla : Autoary
Union : Salarampur
Mouza : Chuchuli
J.L. No : 53
Plot No : 2070

Name of Contractor :

A. Kalam Enterprise.

Date of Starting : 12/1/2007

Date of Completion : 3/3/2007

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	Yes	
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: 06.18.07
স্বাক্ষর: [Signature]
C. S. BARINDA (RAJSHAH)
বিরহতি, ইউ-২, আটোয়ারী জোড়
আটোয়ারী, পঞ্চদল

Asstt Engr. (সহঃ পরিচালক ইঞ্জিনিয়ার)
Date: [Signature]
সহকারী প্রকৌশলী
বিভাগ-২, ইউ-২, আটোয়ারী জোড়
আটোয়ারী, পঞ্চদল

For the Contractor
Date: [Signature]
A. Kalam Enterprise
Proprietor