

4.2 Hydrogeology and Groundwater

4.2.1. Data Sheet of Pumping Test in Exploratory Well, Jhapa

DATA SHEET OF PUMPING TEST

WELL NO: EX-1 LOCATION: BAKHBHITA GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DATE:
 SCREEN: 248-269, 273-282 = 30m POSITION: (1/3)

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	13:30	0.36							
0.5		5.50	6.69		14.35	15.54		22.35	23.54
1		5.55	6.74		14.52	15.71		22.44	23.63
1.5		5.56	6.75		14.74	15.93		22.60	23.79
2		5.57	6.76		14.82	16.01		22.62	23.81
2.5		5.70	6.89		14.88	16.07		22.64	23.83
3		5.72	6.91		14.91	16.10		22.60	23.99
4		5.85	7.04		14.96	16.15		22.85	24.04
5	13:35	5.93	7.12	16:40	15.00	16.19	19:45	22.90	24.09
6		5.94	7.13		15.03	16.22		22.95	24.14
7		5.94	7.13		15.04	16.23		23.00	24.19
8		6.00	7.19		15.10	16.29		23.08	24.27
9		6.06	7.25		15.24	16.43		23.10	24.29
10	13:40	6.08	7.27	16:45	15.29	16.48	19:50	23.14	24.33
11		6.15	7.34		15.31	16.50		23.22	24.41
12		6.19	7.38		15.35	16.54		23.25	24.44
13		6.22	7.41		15.45	16.64		23.29	24.48
14		6.25	7.44		15.50	16.69		23.36	24.55
15		6.26	7.45		15.55	16.74		23.41	24.60
20	13:50	6.30	7.49	16:55	15.59	16.78	20:00	23.44	24.65
25		6.35	7.54		15.62	16.81		23.45	24.64
30	14:00	6.40	7.59	17:05	15.65	16.84	20:10	23.50	24.69
40		6.45	7.64		15.75	16.94		23.53	24.72
50		6.45	7.64		15.77	16.96		23.56	24.75
60	14:30	6.48	7.67	17:35	15.80	16.99	20:40	23.58	24.77
70		6.48	7.67		15.82	17.01		23.60	24.79
80		6.50	7.69		15.84	17.03		23.65	24.84
90	15:00	6.50	7.69	18:05	15.86	17.05	21:10	23.66	24.85
100		6.52	7.71		15.90	17.09		23.67	24.86
110		6.52	7.71		15.92	17.11		23.68	24.87
120	15:30	6.55	7.74	18:35	15.92	17.11	21:40	23.69	24.88
140		6.56	7.75		16.00	17.19		23.70	24.89
160		6.59	7.78		16.03	17.22		23.72	24.91
180	16:30	6.59	7.78	19:35	16.04	17.23	22:40	23.72	24.91

Remarks: MP is 1.95m above GL, and static water level is 0.26m below MP. SWL is 1.9m agl.
 *1: Taken at 1.5m stand pipe (d=1.5m), so MP is 0.40m agl. Then Drawdown is MP+1.10m. Same for following measurements.

DATA SHEET OF PUMPING TEST

WELL NO: EX-1 LOCATION: BAKHBHITA GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DATE:
 SCREEN: 248-269, 273-282 = 30m POSITION: (2/3)

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	22:40	23.72	24.91	1:40	27.82	29.01	4:45	15.80	16.99
0.5		27.45	28.64		24.90	26.09		15.70	16.89
1		27.60	28.79		24.81	26.00		15.60	16.79
1.5		27.70	28.89		24.77	25.96		15.50	16.69
2		27.72	28.91		24.73	25.92		15.50	16.49
2.5		27.66	28.85		24.71	25.90		15.50	16.29
3		27.65	28.84		24.69	25.88		15.00	16.19
4		27.70	28.89		24.65	25.84		14.80	15.99
5	22:45	27.72	28.91	1:45	24.63	25.82	4:50	14.50	15.69
6		27.72	28.91		24.56	25.75		14.30	15.49
7		27.73	28.92		24.42	25.61		14.10	15.29
8		27.73	28.92		24.35	25.54		14.00	15.19
9		27.68	28.87		24.32	25.51		13.90	15.09
10	22:50	27.70	28.89	1:50	24.30	25.49	4:55	13.85	15.04
11		27.73	28.92		24.28	25.47		13.73	14.92
12		27.73	28.92		24.25	25.44		13.72	14.91
13		27.75	28.94		24.23	25.42		13.70	14.89
14		27.75	28.94		24.22	25.41		13.66	14.85
15		27.70	28.89		24.21	25.40		13.64	14.83
20	23:00	27.76	28.95	2:00	24.20	25.39	5:05	13.63	14.82
25		27.73	28.92		24.19	25.38		13.63	14.82
30	23:10	27.76	28.95	2:10	24.18	25.37	5:15	13.63	14.82
40		27.75	28.94		24.15	25.34		13.62	14.81
50		27.71	28.90		24.10	25.29		13.62	14.81
60	23:40	27.75	28.94	2:40	24.05	25.24	5:45	13.62	14.81
70		27.79	28.98		24.00	25.19		13.61	14.80
80		27.80	28.99		23.90	25.09		13.51	14.70
90	0:10	27.80	28.99	3:10	23.85	25.04	6:15	13.50	14.69
100		27.80	28.99		23.80	25.00		13.50	14.69
110		27.81	29.00		23.78	24.97		13.50	14.69
120	0:40	27.81	29.00	3:40	23.70	24.89	6:45	13.50	14.69
140		27.82	29.01		23.65	24.84		13.50	14.69
160		27.82	29.01		23.64	24.83		13.50	14.69
180	1:40	27.82	29.01	4:40	23.60	24.79	7:45	13.50	14.69

Remarks: MP is 0.40m agl. Then Drawdown is MP+1.10m. Same for following measurements.

DATA SHEET OF PUMPING TEST

WELL NO: EX-1 LOCATION: BAKHBHITA GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DATE:
 SCREEN: 248-269, 273-282 = 30m POSITION: (3/3)

ELAPSED TIME (min)	Seventh Stage			Recovery 0 (Stop Pump)			ACT. WATER LEVEL (m)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	7:50	13.50	14.69	10:50	5.99	7.18	15:40	0.54	0.18
0.5		6.45	7.64		3.50	4.69	16:00	0.53	0.17
1		6.43	7.62	10:51	1.20	2.39	16:30	0.52	0.16
1.5		6.42	7.61		1.00	2.19	17:00	0.52	0.16
2		6.41	7.60	10:52	0.70	1.89	18:00	0.52	0.16
2.5		6.40	7.59		0.40	1.59	19:00	0.52	0.16
3		6.40	7.59	10:53	0.00	1.19	20:00	0.50	0.14
4		6.39	7.58		*	21:00	0.40	0.14	
5	7:55	6.34	7.53	13:00	1.10	0.74	22:00	0.50	0.14
6		6.31	7.50		1.00	0.64	23:00	0.50	0.14
7		6.30	7.49		0.90	0.54	0:00	0.50	0.14
8		6.27	7.46		0.88	0.52	1:00	0.50	0.14
9		6.25	7.44		0.82	0.46	2:00	0.50	0.14
10	8:00	6.24	7.43		0.80	0.44	3:00	0.50	0.14
11		6.24	7.43		0.78	0.42	4:00	0.50	0.14
12		6.23	7.42		0.76	0.40	5:00	0.50	0.14
13		6.22	7.41	13:05	0.74	0.38	6:00	0.50	0.14
14		6.21	7.40		0.71	0.35	7:00	0.50	0.14
15		6.19	7.38		0.70	0.34	8:00	0.50	0.14
20	8:10	6.17	7.36		0.69	0.33	9:00	0.50	0.14
25		6.15	7.34		0.68	0.32	10:00	0.50	0.14
30	8:20	6.14	7.33	13:10	0.67	0.31	11:00	0.50	0.14
40		6.10	7.29	13:15	0.65	0.29	12:00	0.50	0.14
50		6.06	7.25	13:20	0.64	0.28	13:00	0.50	0.14
60	8:50	6.06	7.25		0.63	0.27	14:00	0.50	0.14
70		6.06	7.25	13:30	0.62	0.26	15:00	0.50	0.14
80		6.05	7.24		0.60	0.24	16:00	0.50	0.14
90	9:20	6.03	7.22		0.59	0.23			
100		6.03	7.22	14:00	0.58	0.22			
110		6.02	7.21		0.57	0.21			
120	9:50	6.00	7.19		0.57	0.21			
140		6.00	7.19	14:30	0.56	0.20			
160		5.99	7.18	14:50	0.56	0.20			
180	10:50	5.99	7.18	15:10	0.56	0.20			
				15:30	0.55	0.19			

Remarks: *2: Withdrawing of pump and adding stand pipe of 1.55m length.

DATA SHEET OF PUMPING TEST

WELL NO: EX-1 (re) LOCATION: SUNADIH GL: DEPTH (m): 300m
 STATUS: CONSTANT DISC. PUMP SETTING: 41.5m DATE:
 SCREEN: 248-269, 273-282 = 30m POSITION: (2/2)

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /Day)	REMARKS
7:00	0	0.66	0	50.2	4333.0	SWL = 1.66m above GL (MP is 66m above SWL)
	0.5	14.65	13.99			Re-test
	1	16.30	15.64			
	1.5	19.15	18.49			
	2	20.09	19.43			
	2.5	21.65	20.99			
	3	22.40	21.74			
	3.5	23.07	22.41			
	4	23.90	23.24			
7:05	5	24.30	23.64			
	6	24.95	24.29			
	7	25.37	24.71			
	8	25.60	24.94			

DATA SHEET OF PUMPING TEST

WELL NO: EX-1 (re) LOCATION: SUNADIH GL: DEPTH (m): 300m.
 STATUS: CONSTANT DISC. PUMP SETTING: 41.5m DATE:
 SCREEN: 248-269, 273-282 = 30m.

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
11:00	240	27.94	27.28	50.2	4,333.0	SWL = 1.46m above GL
	270	27.97	27.31			(MP is .66m above SWL)
12:00	300	28.00	27.34			
	330	28.04	27.38			
13:00	360	28.05	27.39			
	420	28.08	27.42			
15:00	480	28.09	27.43			
	540	28.09	27.43			
17:00	600	28.10	27.44			
	660	28.10	27.44			
19:00	720	28.11	27.45			
	780	28.12	27.46			
21:00	840	28.12	27.46			
	900	28.13	27.47			
23:00	960	28.14	27.48			
0:00	1020	28.16	27.50			
	1080	28.17	27.51			
2:00	1140	28.18	27.52			
	1200	28.20	27.54			
4:00	1260	28.22	27.56			
	1320	28.24	27.58			
6:00	1380	28.25	27.59			
7:00	1440	28.25	27.59			
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-1 (re) LOCATION: SUNADIH GL: DEPTH (m): 300m.
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 248-269, 273-282 = 30m
 DISCHARGE: 50.2 l/s (4,333 m³/day) for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT	REMARKS
7:00	0	1440.00	28.25	27.59		SWL = 1.46m above GL
	0.5	1440.50	11.60	10.94	2881.00	(0.66m below MP)
	1	1441.00	10.05	9.39	1441.00	
	1.5	1441.50	5.15	4.49	961.00	
	2	1442.00	4.85	4.19	721.00	
	2.5	1442.50	4.45	3.79	577.00	
	3	1443.00	4.10	3.44	481.00	
	4	1444.00	3.85	3.19	361.00	
7:05	5	1445.00	3.60	2.94	289.00	
	6	1446.00	3.35	2.69	241.00	
	7	1447.00	3.10	2.44	206.71	
	8	1448.00	2.85	2.19	181.00	
	9	1449.00	2.76	2.10	161.00	
7:10	10	1450.00	2.60	1.94	145.00	
	11	1451.00	2.55	1.86	131.91	
	12	1452.00	2.45	1.79	121.60	
	13	1453.00	2.35	1.69	111.77	
	14	1454.00	2.29	1.63	103.86	
	15	1455.00	2.25	1.59	97.00	
7:20	20	1460.00	2.00	1.34	73.00	
	25	1465.00	1.83	1.17	58.60	
7:30	30	1470.00	1.70	1.04	49.00	
	40	1480.00	1.60	0.94	37.00	
	50	1490.00	1.51	0.85	29.80	
8:00	60	1500.00	1.40	0.74	25.00	
	70	1510.00	1.32	0.66	21.57	
	80	1520.00	1.29	0.63	19.00	
8:30	90	1530.00	1.26	0.60	17.00	
	100	1540.00	1.24	0.58	15.40	
	110	1550.00	1.21	0.55	14.09	
9:00	120	1560.00	1.19	0.53	13.00	
	140	1580.00	1.17	0.51	11.29	
	160	1600.00	1.15	0.49	10.00	
10:00	180	1620.00	1.12	0.46	9.00	

DATA SHEET OF PUMPING TEST

WELL NO: EX-1 (re) LOCATION: SUNADIH GL: DEPTH (m): 300m.
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 248-269, 273-282 = 30m
 DISCHARGE: 50.2 l/s (4,333 m³/day) for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT	REMARKS
	210	1650	1.10	0.44	7.86	SWL = 1.46m above GL
11:00	240	1680	1.03	0.37	7.00	(0.66m below MP)
	270	1710	1.04	0.38	6.33	
12:00	300	1740	1.02	0.36	5.80	
	330	1770	1.00	0.34	5.36	
13:00	360	1800	0.98	0.32	5.00	
	420	1860	0.96	0.30	4.43	
15:00	480	1920	0.95	0.29	4.00	
	540	1980	0.94	0.28	3.67	
17:00	600	2040	0.93	0.27	3.40	
	660	2100	0.91	0.25	3.18	
19:00	720	2160	0.90	0.24	3.00	
	780	2220	0.90	0.24	2.85	
21:00	840	2280	0.90	0.24	2.71	
	900	2340	0.83	0.17	2.60	
23:00	960	2400	0.89	0.23	2.50	
0:00	1020	2460	0.89	0.23	2.41	
	1080	2520	0.89	0.23	2.33	
2:00	1140	2580	0.89	0.23	2.26	
	1200	2640	0.89	0.23	2.20	
4:00	1260	2700	0.89	0.23	2.14	
	1320	2760	0.89	0.23	2.09	
6:00	1380	2820	0.89	0.23	2.04	
7:00	1440	2880	0.89	0.23	2.00	From 7:00 to 15:00 withdrawal of pump and resetting of well cap were performed.
	1560	3000				
11:00	1680	3120				
13:00	1800	3240				
15:00	1920	3360	0.91	0.25	1.75	
17:00	2040	3480	0.88	0.22	1.71	
19:00	2160	3600	0.86	0.20	1.67	
21:00	2280	3720	0.90	0.23	1.63	
23:00	2400	3840	0.83	0.16	1.60	
1:00	2520	3960	0.80	0.14	1.57	
3:00	2640	4080	0.80	0.14	1.55	

DATA SHEET OF PUMPING TEST

WELL NO: EX-1 (re) LOCATION: SUNADIH GL: DEPTH (m): 300m.
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 248-269, 273-282 = 30m
 DISCHARGE: 50.2 l/s (4,333 m³/day) for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	+ ACT/ELT	REMARKS
5:00	2760	4700	0.79	0.13	1.52	SWL = 1.46m above GL
7:00	2880	4320	0.79	0.13	1.50	(0.66m below MP)
9:00	3000	4440	0.78	0.12	1.48	
11:00	3120	4560	0.78	0.12	1.46	
13:00	3240	4680	0.78	0.12	1.44	
15:00	3360	4800	0.78	0.12	1.43	
17:00	3480	4920	0.78	0.12	1.41	

DATA SHEET OF PUMPING TEST

WELL NO: EX-2 LOCATION: GURAMUNI GL: 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 52m DEPTH (m): 300m
 SCREEN: 243-246, 253-256, 261-267, 277-283, 290-293 = 21m DATE:
 POSITION: (Pumping Well only) (1/3)

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	14:00	4.87	0	17:00	10.01	5.14	20:00	15.85	10.98
0.5		9.72	4.85		14.76	9.89		22.36	17.49
1		9.72	4.85		14.62	9.95		22.37	17.50
1.5		9.72	4.85		14.62	9.95		22.38	17.51
2		9.72	4.85		14.92	10.05		22.39	17.52
2.5		9.72	4.85		15.00	10.13		22.40	17.53
3		9.73	4.86		15.00	10.13		22.41	17.54
4		9.73	4.86		15.01	10.14		22.43	17.56
5	14:05	9.73	4.86	17:05	15.01	10.14	20:05	22.45	17.58
6		9.74	4.87		15.05	10.18		22.47	17.60
7		9.75	4.88		15.07	10.20		22.49	17.62
8		9.75	4.88		15.12	10.25		22.50	17.63
9		9.75	4.88		15.14	10.27		22.51	17.64
10	14:10	9.74	4.87	17:10	15.40	10.53	20:10	22.53	17.66
11		9.74	4.87		15.47	10.60		22.55	17.68
12		9.76	4.89		15.48	10.61		22.56	17.69
13		9.82	4.95		15.50	10.63		22.58	17.71
14		9.83	4.96		15.52	10.65		22.60	17.73
15		9.83	4.96		15.53	10.66		22.61	17.74
20	14:20	9.84	4.97	17:20	15.54	10.67	20:20	22.61	17.74
25		9.84	4.97		15.54	10.67		22.62	17.75
30	14:30	9.84	4.97	17:30	15.54	10.67	20:30	22.63	17.76
40		9.85	4.98		15.55	10.68		22.77	17.90
50		9.88	5.01		15.60	10.73		22.85	17.98
60	15:00	9.88	5.01	18:00	15.63	10.76	21:00	22.86	17.99
70		9.90	5.03		15.65	10.78		22.87	18.00
80		9.90	5.03		15.65	10.78		22.87	18.00
90	15:30	9.90	5.03	18:30	15.66	10.79	21:30	22.87	18.00
100		9.90	5.03		15.67	10.80		22.88	18.01
110		9.93	5.06		15.70	10.83		22.90	18.03
120	16:00	10.00	5.13	19:00	15.72	10.85	22:00	22.92	18.05
140		10.00	5.13		15.73	10.86		22.93	18.06
160		10.01	5.14		15.79	10.92		22.93	18.06
180	17:00	10.01	5.14	20:00	15.85	10.98	23:00	22.93	18.06

Remarks

DATA SHEET OF PUMPING TEST

WELL NO: EX-2 LOCATION: GURAMUNI GL: 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 52m DEPTH (m): 300m
 SCREEN: 243-246, 253-256, 261-267, 277-283, 290-293 = 21m DATE:
 POSITION: (Pumping Well only) (2/3)

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	23:00	22.93	18.06	3:00	20.25	25.38	5:00	24.39	19.52
0.5		29.43	24.56		24.74	19.87		17.10	12.23
1		29.44	24.57		24.73	19.86		16.88	12.01
1.5		29.45	24.58		24.64	19.77		16.86	11.99
2		29.46	24.59		24.64	19.77		16.80	11.93
2.5		29.47	24.60		24.64	19.77		16.95	12.08
3		29.48	24.61		24.64	19.77		16.92	12.05
4		29.50	24.63		24.64	19.77		16.87	12.00
5	23:05	29.60	24.73	2:05	24.64	19.77	5:05	16.80	11.93
6		29.87	25.06		24.62	19.75		16.80	11.93
7		29.90	25.03		24.62	19.75		16.80	11.93
8		29.90	25.03		24.62	19.75		16.80	11.93
9		29.91	25.04		24.60	19.73		16.80	11.93
10	23:10	29.91	25.04	2:10	24.59	19.72	5:10	16.80	11.93
11		29.91	25.04		24.58	19.71		16.78	11.91
12		29.91	25.04		24.57	19.70		16.74	11.87
13		29.92	25.05		24.57	19.70		16.74	11.87
14		29.92	25.05		24.57	19.70		16.75	11.88
15		29.92	25.05		24.67	19.80		16.75	11.88
20	23:20	29.96	25.09	2:20	24.57	19.70	5:20	16.73	11.86
25		29.96	25.09		24.54	19.67		16.73	11.86
30	23:30	29.96	25.09	2:30	24.48	19.61	5:30	16.73	11.86
40		29.97	25.10		24.41	19.54		16.72	11.85
50		29.98	25.11		24.46	19.59		16.70	11.83
60	0:00	30.10	25.23	3:00	24.45	19.58	6:00	16.69	11.82
70		30.20	25.33		24.40	19.53		16.70	11.83
80		30.21	25.34		24.40	19.53		16.68	11.81
90	0:30	30.22	25.35	3:30	24.40	19.53	6:30	16.68	11.81
100		30.22	25.35		24.39	19.52		16.64	11.77
110		30.23	25.36		24.39	19.52		16.64	11.77
120	1:00	30.23	25.36	4:00	24.39	19.52	7:00	16.64	11.77
140		30.24	25.37		24.37	19.50		16.64	11.77
160		30.25	25.38		24.40	19.53		16.61	11.74
180	2:00	30.25	25.38	5:00	24.36	19.52	8:00	16.62	11.75

Remarks

DATA SHEET OF PUMPING TEST

WELL NO: EX-2 LOCATION: GURAMUNI GL: 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 52m DEPTH (m): 300m
 SCREEN: 243-246, 253-256, 261-267, 277-283, 290-293 = 21m DATE:
 POSITION: (Pumping Well only) (1/3)

ELAPSED TIME (min)	Seventh Stage			Recovery			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0	8:00	16.62	11.75						
0.5		11.49	6.62						
1		11.48	6.61						
1.5		11.48	6.61						
2		11.47	6.60						
2.5		11.47	6.60						
3		11.45	6.58						
4		11.40	6.53						
5	8:05	11.38	6.51						
6		11.36	6.49						
7		11.35	6.48						
8		11.33	6.46						
9		11.32	6.45						
10	8:10	11.31	6.44						
11		11.30	6.43						
12		11.29	6.42						
13		11.28	6.41						
14		11.26	6.39						
15	8:20	11.24	6.37						
20		11.21	6.34						
25		11.18	6.31						
30	8:30	11.16	6.29						
40		11.06	6.19						
50		10.94	6.07						
60	9:00	10.90	6.03						
70		10.89	6.02						
80		10.85	5.98						
90	9:20	10.84	5.97						
100		10.82	5.95						
110		10.80	5.93						
120	10:00	10.78	5.91						
140		10.75	5.88						
160		10.71	5.84						
180	11:00	10.68	5.81						

Remarks

DATA SHEET OF PUMPING TEST

WELL NO: EX-2 LOCATION: GURAMUNI GL: 300m
 STATUS: CONSTANT DISC. PUMP SETTING: 52m DEPTH (m): 300m
 SCREEN: 243-246, 253-256, 261-267, 277-283, 290-293 = 21m DATE:
 POSITION: (1/2)

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /Day)	REMARKS
	0	5.13	0	25.0	2,160.0	SWL = 5.13m bgl.
	0.5	17.30	12.17			
	1	17.21	12.18			
	1.5	17.32	12.19			
	2	17.33	12.20			
	2.5	17.34	12.21			
	3	17.34	12.21			
	3.5	17.37	12.24			
	4	17.37	12.24			
	5	17.41	12.28			
	6	17.45	12.32			
	7	17.45	12.32			
	8	17.47	12.34			
	9	17.49	12.36			
	10	17.51	12.38			
	11	17.53	12.40			
	12	17.58	12.45			
	13	17.58	12.45			
	14	17.58	12.45			
	15	17.59	12.46			
	20	17.73	12.60			
	25	17.77	12.64			
	30	17.78	12.65			
	45	17.93	12.80			
	60	18.00	12.87			
	75	18.26	13.13			
	90	18.31	13.18			
	105	18.40	13.27			
	120	18.42	13.29			
	135	18.45	13.32			
	150	18.49	13.36			
	165	18.65	13.52			
	180	18.63	13.50			
	210	18.66	13.53			

DATA SHEET OF PUMPING TEST

WELL NO: EX-3 LOCATION: DANGEBARI GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 54m DATE:
 SCREEN: 202-205, 243-252, 255-258, 262-271, 285-288 = 27m POSITION: (Pumping Well only)

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	11:55	18.58		14:55	21.54	2.96	17:55	26.46	7.88
0.5		21.35	2.77		26.10	7.52		28.20	9.62
1		21.35	2.77		26.20	7.62		28.28	9.70
1.5		21.35	2.77		26.25	7.67		28.35	9.77
2		21.40	2.82		26.30	7.72		28.45	9.87
2.5		21.45	2.87		26.30	7.72		28.50	9.92
3		21.45	2.87		26.30	7.72		28.59	10.01
4		21.55	2.97		26.30	7.72		28.63	10.05
5	12:00	21.50	2.92	15:00	26.42	7.84	18:00	28.65	10.07
6		21.60	3.02		26.42	7.84		28.67	10.09
7		21.66	3.08		26.43	7.85		28.69	10.11
8		21.70	3.12		26.43	7.85		28.70	10.12
9		21.70	3.12		26.43	7.85		28.70	10.12
10	12:05	21.70	3.12	15:05	26.43	7.85	18:05	28.70	10.12
11		21.65	3.07		26.43	7.85		28.70	10.12
12		21.64	3.06		26.43	7.85		28.70	10.12
13		21.64	3.06		26.44	7.86		28.71	10.13
14		21.64	3.06		26.44	7.86		28.71	10.13
15		21.64	3.06		26.44	7.86		28.71	10.13
20	12:15	21.65	3.07	15:15	26.42	7.84	18:15	28.72	10.14
25		21.65	3.07		26.41	7.83		28.74	10.16
30	12:25	21.68	3.10	15:25	26.40	7.82	18:25	28.75	10.17
40		21.70	3.12		26.42	7.84		28.85	10.27
50		21.70	3.12		26.44	7.86		28.87	10.29
60	12:55	21.70	3.12	15:55	26.45	7.87	18:55	28.89	10.31
70		21.70	3.12		26.46	7.88		28.90	10.32
80		21.67	3.09		26.46	7.88		28.92	10.34
90	13:25	21.67	3.09	16:25	26.47	7.89	19:25	28.95	10.37
100		21.65	3.07		26.46	7.88		28.95	10.37
110		21.65	3.07		26.47	7.89		28.95	10.37
120	13:55	21.61	3.03	16:55	26.47	7.89	19:55	28.95	10.37
140		21.55	2.97		26.48	7.90		28.95	10.37
160		21.54	2.96		26.46	7.88		28.95	10.37
180	14:55	21.54	2.96	17:55	26.46	7.88	20:55	28.95	10.37

DATA SHEET OF PUMPING TEST

WELL NO: EX-3 LOCATION: DANGEBARI GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 54m DATE:
 SCREEN: 202-205, 243-252, 255-258, 262-271, 285-288 = 27m POSITION: (Pumping Well only)

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	20:55	28.95	10.37	21:25	32.22	13.64	0:05	30.60	12.02
0.5		32.10	13.52		32.12	13.54		28.13	9.53
1		32.10	13.52		32.12	13.54		28.12	9.54
1.5		32.12	13.54		32.12	13.54		28.12	9.54
2		32.13	13.55		32.12	13.54		28.11	9.53
2.5		32.14	13.56					28.05	9.47
3		32.14	13.56		32.08	13.50		28.00	9.42
4		32.15	13.57		32.02	13.44		28.00	9.42
5	21:00	32.15	13.57	21:30	32.00	13.42	0:10	28.00	9.42
6		32.15	13.57		31.94	13.36		28.00	9.42
7		32.22	13.64		31.88	13.30		28.02	9.44
8		32.24	13.66		31.85	13.27		28.05	9.47
9		32.24	13.66		31.80	13.22		28.06	9.48
10	21:05	32.25	13.67	21:35	31.77	13.19	0:15	28.05	9.48
11		32.25	13.67		31.75	13.17		28.07	9.49
12		32.25	13.67		31.70	13.12		28.08	9.50
13		32.22	13.64		31.67	13.09		28.08	9.50
14		32.22	13.64		31.63	13.05		28.09	9.51
15		32.22	13.64		31.59	13.01		28.09	9.51
20	21:15	32.22	13.64	21:45	31.44	12.86	0:25	28.10	9.52
25		32.22	13.64		31.35	12.77		28.15	9.57
30	21:25	32.22	13.64	21:55	31.25	12.67	0:35	28.18	9.60
40					31.05	12.47		28.18	9.60
50					30.95	12.37		28.12	9.54
60				22:25	30.85	12.27	1:05	28.10	9.52
70					30.74	12.16		28.14	9.56
80					30.65	12.07		28.17	9.59
90				22:55	30.62	12.04	1:35	28.20	9.62
100					30.60	12.02		28.18	9.60
110					30.60	12.02		28.20	9.62
120				23:25	30.60	12.02	2:05	28.20	9.62
140					30.60	12.02		28.19	9.61
160				0:05	30.60	12.02		28.20	9.62
180							3:05	28.20	9.62

DATA SHEET OF PUMPING TEST

WELL NO: EX-3 LOCATION: DANGEBARI GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: 54m DATE:
 SCREEN: 202-205, 243-252, 255-258, 262-271, 285-288 = 27m POSITION: (Pumping Well only)

ELAPSED TIME (min)	Seventh Stage			Eighth Stage			Ninth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	3:05	28.20	9.62	6:05	26.20	7.82			
0.5		26.04	7.46		22.10	3.52			
1		26.04	7.46		22.08	3.50			
1.5		26.09	7.51		22.04	3.46			
2		26.10	7.52		21.93	3.37			
2.5		26.15	7.57		21.90	3.32			
3		26.30	7.62		21.85	3.27			
4		26.33	7.65		21.80	3.22			
5	3:10	26.23	7.55	6:10	21.76	3.18			
6		26.22	7.64		21.69	3.11			
7		26.21	7.63		21.60	3.02			
8		26.21	7.63		21.56	2.98			
9		26.21	7.63		21.50	2.92			
10	3:15	26.21	7.63	6:15	21.48	2.90			
11		26.21	7.63		21.45	2.87			
12		26.21	7.63		21.43	2.85			
13		26.20	7.62		21.40	2.82			
14		26.21	7.63		21.38	2.80			
15		26.22	7.64		21.37	2.79			
20	3:25	26.22	7.64	6:25	21.37	2.79			
25		26.20	7.62		21.38	2.80			
30	3:35	26.20	7.62	6:35	21.38	2.80			
40		26.10	7.52		21.38	2.80			
50		26.17	7.59		21.38	2.80			
60	4:05	26.20	7.62	7:05	21.38	2.80			
70		26.19	7.61						
80		26.19	7.61						
90	4:25	26.20	7.62						
100		26.20	7.62						
110		26.21	7.63						
120	5:05	26.19	7.61						
140		26.18	7.60						
160		26.19	7.61						
180	6:05	26.20	7.62						

DATA SHEET OF PUMPING TEST

WELL NO: EX-3 LOCATION: DANGEBARI GL: DEPTH (m): 300m
 STATUS: CONSTANT DISC. PUMP SETTING: 52m DATE:
 SCREEN: 202-205, 243-252, 255-258, 262-271, 285-288 = 27m POSITION: (Pumping Well only)

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	--DITTO-- (m3/day)	REMARKS
9:15	0	18.91	0	40.0	3456.0	SWL = 18.91m bgl.
	0.5	31.75	12.84			
	1	31.89	12.89			
	1.5	31.83	12.92			
	2	31.85	12.94			
	2.5	31.88	12.97			
	3	31.90	12.99			
	3.5	31.95	13.04			
	4	32.00	13.09			
9:20	5	32.01	13.10			
	6	32.07	13.16			
	7	32.10	13.19			
	8	32.15	13.24			
	9	32.17	13.26			
9:25	10	32.23	13.32			
	11	32.30	13.39			
	12	32.39	13.48			
	13	32.46	13.55			
	14	32.43	13.52			
	15	32.47	13.56			
9:35	20	32.60	13.69			
	25	32.70	13.79			
9:45	30	32.80	13.89			
	45	32.93	14.02			
10:15	60	33.10	14.19			
	75	33.15	14.24			
	90	33.20				

DATA SHEET OF PUMPING TEST

WELL NO: EX-3 LOCATION: DANGEBARI GL: 345.60
 STATUS: CONSTANT DISC. PUMP SETTING: 52m DEPTH (m): 300m
 SCREEN: 202-205, 243-252, 255-258, 262-271, 285-288=27m DATE:

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m³/Day)	REMARKS
13:15	240	33.58	14.67	40.0	345.60	SWL = 18.91m bgl.
	270	33.62	14.71			
14:15	300	33.64	14.73			
	330	33.69	14.78			
15:15	360	33.72	14.81			
	420	33.75	14.84			
17:15	480	33.78	14.87			
	540	33.80	14.89			
19:15	600	33.83	14.92			
	660	33.84	14.93			
21:15	720	33.85	14.94			
	780	33.87	14.96			
23:15	840	33.93	15.02			
	900	33.94	15.03			
1:15	960	33.95	15.04			
	1020	33.95	15.04			
3:15	1080	33.96	15.05			
	1140	33.96	15.05			
5:15	1200	33.97	15.06			
	1260	33.97	15.06			
7:15	1320	33.97	15.06			
	1380	33.97	15.06			
9:15	1440	33.97	15.06			
	1500					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-3 LOCATION: DANGEBARI GL: 345.60
 STATUS: RECOVERY TEST PUMP SETTING: - DEPTH (m): 300m
 SCREEN: 202-205, 243-252, 255-258, 262-271, 285-288=27m DATE:

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
9:15	0	1440	33.97	15.06	SWL = 18.91m bgl.
	0.5	1440.5	22.60	3.69	
	1	1441	21.90	2.99	
	1.5	1441.5	21.41	2.50	
	2	1442	21.15	2.24	
	2.5	1442.5	20.95	2.04	
	3	1443	20.83	1.92	
	4	1444	20.65	1.74	
9:20	5	1445	20.54	1.63	
	6	1446	20.44	1.53	
	7	1447	20.37	1.46	
	8	1448	20.31	1.40	
	9	1449	20.26	1.35	
9:25	10	1450	20.23	1.32	
	11	1451	20.18	1.27	
	12	1452	20.15	1.24	
	13	1453	20.11	1.20	
	14	1454	20.09	1.18	
	15	1455	20.06	1.15	
9:35	20	1460	19.96	1.05	
	25	1465	19.88	0.97	
9:45	30	1470	19.81	0.90	
	45	1485	19.71	0.80	
10:15	60	1500	19.61	0.70	
	75	1515	19.53	0.63	
10:45	90	1530	19.46	0.55	
	105	1545	19.44	0.53	
11:15	120	1560	19.40	0.49	
	135	1575	19.37	0.46	
11:45	150	1590	19.34	0.43	
	165	1605	19.31	0.40	
12:15	180	1620	19.27	0.36	
	210	1650	19.22	0.31	
12:35	240	1680	19.19	0.28	

DATA SHEET OF PUMPING TEST

WELL NO: EX-3 LOCATION: DANGEBARI GL: 345.60
 STATUS: RECOVERY TEST PUMP SETTING: - DEPTH (m): 300m
 SCREEN: 202-205, 243-252, 255-258, 262-271, 285-288=27m DATE:

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
14:15	270	1710	19.17	0.26	SWL = 18.91m bgl.
	300	1740	19.15	0.24	
15:15	330	1770	19.14	0.23	
	360	1800	19.12	0.21	
	420	1860	19.09	0.18	
17:15	480	1920	19.06	0.15	
	540	1980	19.05	0.14	
19:15	600	2040	19.04	0.13	
	660	2100	19.03	0.12	
21:15	720	2160	19.02	0.11	
	780	2220	19.01	0.10	
23:15	840	2280	19.00	0.09	
	900	2340	18.99	0.08	
1:15	960	2400	18.98	0.07	
	1020	2460	18.98	0.07	
3:15	1080	2520	18.97	0.06	
	1140	2580	18.97	0.06	
5:15	1200	2640	18.96	0.05	
	1260	2700	18.95	0.04	
7:15	1320	2760	18.95	0.04	
	1380	2820	18.94	0.03	
9:15	1440	2880	18.94	0.03	
11:15	1560	3000	18.93	0.02	
13:15	1680	3120	18.93	0.02	
15:15	1800	3240	18.92	0.01	
17:15	1920	3360	18.92	0.01	
19:15	2040	3480	18.92	0.01	
21:15	2160	3600	18.91	0.00	
	2280				
	2400				
	2520				
	2640				
	2880				

DATA SHEET OF PUMPING TEST

WELL NO: EX-4 LOCATION: BHAGDUBBA GL: 345.60
 STATUS: STEP D.D. TEST PUMP SETTING: 36.0m DEPTH (m): 250m
 SCREEN: 202-208, 216-227, 232-244 = 27m DATE:
 POSITION: 30m apart from Ob-2

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	15:00	4.57	0.00	18:05	8.48	3.91	21:10	13.73	9.18
0.5		7.81	3.24		15.19	8.62		18.28	13.71
1		7.95	3.38		13.23	8.66		18.30	13.73
1.5		8.02	3.45		13.25	8.66		18.31	13.74
2		8.03	3.46		13.27	8.70		18.33	13.76
2.5		8.03	3.46		13.28	8.71		18.35	13.78
3		8.04	3.47		13.29	8.72		18.37	13.80
4		8.05	3.48		13.31	8.74		18.38	13.81
5	15:05	8.07	3.50	18:10	13.32	8.75	21:15	18.40	13.83
6		8.08	3.51		13.35	8.78		18.43	13.86
7		8.10	3.53		13.37	8.80		18.44	13.87
8		8.10	3.53		13.38	8.81		18.45	13.88
9		8.11	3.54		13.39	8.82		18.46	13.89
10	15:10	8.12	3.55	18:15	13.40	8.83	21:20	18.47	13.90
11		8.13	3.56		13.41	8.84		18.49	13.92
12		8.14	3.57		13.42	8.85		18.50	13.93
13		8.14	3.57		13.43	8.86		18.51	13.94
14		8.15	3.58		13.44	8.87		18.52	13.95
15		8.17	3.60		13.45	8.88		18.53	13.96
20	15:20	8.21	3.64	18:25	13.48	8.91	21:30	18.54	13.97
25		8.25	3.68		13.52	8.95		18.60	14.03
30	15:30	8.27	3.70	18:35	13.54	8.97	21:40	18.65	14.08
40		8.30	3.73		13.56	8.99		18.68	14.11
50		8.35	3.78		13.59	9.02		18.70	14.13
60	16:00	8.36	3.79	19:05	13.61	9.04	22:10	18.72	14.15
70		8.38	3.81		13.62	9.05		18.72	14.15
80		8.41	3.84		13.64	9.07		18.74	14.17
90		8.42	3.85		13.66	9.09		18.75	14.18
100		8.43	3.86		13.67	9.10		18.76	14.19
110		8.44	3.87		13.68	9.11		18.77	14.20
120	17:00	8.45	3.88	20:05	13.69	9.12	23:10	18.78	14.21
140		8.46	3.89		13.71	9.14		18.79	14.22
160		8.48	3.91		13.72	9.15		18.81	14.24
180	18:00	8.48	3.91	21:05	13.73	9.16	0:10	18.81	14.24

DATA SHEET OF PUMPING TEST

WELL NO: EX-4 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: STEP D.D. TEST PUMP SETTING: 36.0m DATE:
 SCREEN: 202-208, 218-227, 232-244 = 27m POSITION: 30m apart from Ob-2

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	Q= 50.2 l/s (4333.0 m ³ /day)	ACT. WATER LEVEL (m)	DRAW-DOWN (m)	Q= 41.8 l/s (3669.9 m ³ /day)	ACT. WATER LEVEL (m)	DRAW-DOWN (m)	Q= 34.7 l/s (2998.1 m ³ /day)	ACT. WATER LEVEL (m)	DRAW-DOWN (m)
0	0:10	18.81	14.24	3:10	23.35	18.78	6:10	20.62	16.05
0.5		22.10	17.53		22.11	17.54		17.75	13.18
1		23.27	17.70		21.92	17.35		17.55	12.98
1.5		22.32	17.75		21.77	17.20		17.30	12.73
2		21.39	17.82		21.69	17.12		17.10	12.53
2.5		22.48	17.91		21.63	17.06		16.98	12.41
3		22.54	17.97		21.59	17.02		16.93	12.38
4		22.61	18.04		21.55	16.98		16.89	12.32
5	0:15	22.68	18.11	3:15	21.50	16.93	6:15	16.87	12.29
6		22.80	18.23		21.44	16.87		16.83	12.26
7		22.91	18.24		21.39	16.82		16.78	12.21
8		22.85	18.26		21.37	16.80		16.72	12.15
9		22.86	18.29		21.33	16.76		16.68	12.11
10	0:20	22.90	18.33	3:20	21.28	16.71	6:20	16.67	12.10
11		22.94	18.37		21.25	16.68		16.65	12.06
12		23.00	18.43		21.20	16.63		16.63	12.06
13		23.04	18.47		21.17	16.60		16.62	12.03
14		23.06	18.49		21.13	16.56		16.60	12.03
15		23.07	18.50		21.09	16.52		16.58	12.01
20	0:30	23.09	18.52	3:30	21.03	16.46	6:30	16.56	11.99
25		23.14	18.57		21.00	16.43		16.54	11.97
30	0:40	23.17	18.60	3:40	20.98	16.41	6:40	16.53	11.96
40		23.19	18.62		20.87	16.30		16.51	11.94
50		23.21	18.64		20.81	16.24		16.49	11.92
60	1:10	23.22	18.65	4:10	20.79	16.22	7:10	16.48	11.91
70		23.24	18.67		20.77	16.20		16.47	11.90
80		23.26	18.69		20.76	16.19		16.46	11.89
90		23.29	18.72		20.75	16.18		16.43	11.88
100		23.31	18.74		20.72	16.15		16.44	11.87
110		23.32	18.75		20.70	16.13		16.40	11.83
120	2:10	23.33	18.76	5:10	20.68	16.11	8:10	16.39	11.82
140		23.34	18.77		20.65	16.06		16.38	11.81
160		23.34	18.77		20.63	16.06		16.37	11.80
180	3:10	23.35	18.78	6:10	20.62	16.05	9:10	16.37	11.80

Remarks: MP = 0.60m a/gl, draw SWL = 3.97m bgl

DATA SHEET OF PUMPING TEST

WELL NO: EX-4 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: STEP D.D. TEST PUMP SETTING: 36.0m DATE:
 SCREEN: 202-208, 218-227, 232-244 = 27m POSITION: 30m apart from Ob-2

ELAPSED TIME (min)	Seventh Stage			Recovery		
	Q= 20.5 l/s (1771.2 m ³ /day)	ACT. WATER LEVEL (m)	DRAW-DOWN (m)	Q= 0 (Stop Pump)	ACT. WATER LEVEL (m)	DRAW-DOWN (m)
0	9:15	16.37	11.80	12:15	19.50	5.93
0.5		11.19	6.62		5.98	1.41
1		11.00	6.43		5.68	1.11
1.5		10.85	6.28		5.54	0.97
2		10.84	6.27		5.50	0.93
2.5		10.83	6.26		5.46	0.89
3		10.82	6.25		5.44	0.87
4		10.81	6.24		5.40	0.83
5	9:20	10.80	6.23	12:20	5.37	0.80
6		10.78	6.21		5.34	0.77
7		10.77	6.20		5.31	0.74
8		10.76	6.19		5.30	0.73
9		10.75	6.18		5.28	0.71
10	9:25	10.74	6.17	12:25	5.26	0.69
11		10.74	6.17		5.24	0.67
12		10.73	6.16		5.22	0.65
13		10.72	6.15		5.22	0.65
14		10.72	6.15		5.21	0.64
15		10.71	6.14		5.20	0.63
20	9:35	10.69	6.12	12:35	5.17	0.60
25		10.67	6.10		5.13	0.56
30	9:45	10.66	6.09	12:45	5.09	0.52
40		10.64	6.07		5.07	0.50
50		10.62	6.05		5.02	0.45
60	10:15	10.60	6.03	13:15	4.98	0.41
70		10.58	6.01		4.94	0.37
80		10.57	6.00		4.92	0.35
90		10.56	5.99		4.91	0.34
100		10.55	5.98		4.90	0.33
110		10.54	5.97		4.89	0.32
120	11:15	10.53	5.96	14:15	4.87	0.30
140		10.52	5.95		4.85	0.28
160		10.51	5.94		4.83	0.26
180	12:15	10.50	5.93	15:15	4.81	0.24

Remarks: MP = 0.60m a/gl, draw SWL = 3.97m bgl

DATA SHEET OF PUMPING TEST

WELL NO: EX-4 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: CONSTANT DISC. PUMP SETTING: 36.0m DATE:
 SCREEN: 202-208, 218-227, 232-244 = 27m

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
21:00	0	4.57	0	44.8	3,869.9	SWL = 3.97m bgl
0.5		17.43	12.86			MP is 0.60m a/gl
1		18.52	13.95			
1.5		18.71	14.14			
2		18.78	14.21			
2.5		18.82	14.25			
3		18.98	14.41			
3.5		19.03	14.46			
4		19.07	14.50			
5	21:05	19.10	14.53			
6		19.26	14.69			
7		19.33	14.76			
8		19.40	14.83			
9		19.40	14.83			
10	21:10	19.41	14.84			
11		19.43	14.86			
12		19.54	14.97			
13		19.61	15.04			
14		19.62	15.05			
15		19.64	15.07			
20	21:20	19.70	15.13			
25		19.75	15.18			
30	21:30	19.80	15.23			
45		19.88	15.31			
60	22:00	19.96	15.39			
75		20.03	15.46			
90		20.04	15.47			
105		20.06	15.49			
120	23:00	20.09	15.52			
135		20.12	15.55			
150		20.14	15.57			
165		20.16	15.59			
180	0:00	20.21	15.64			
210		20.24	15.67			

DATA SHEET OF PUMPING TEST

WELL NO: EX-4 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: CONSTANT DISC. PUMP SETTING: 36.0m DATE:
 SCREEN: 202-208, 218-227, 232-244 = 27m

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
1:00	2:40	20.27	15.70	44.8	3,869.9	SWL = 3.97m bgl
	2:70	20.30	15.73			MP is 0.60m a/gl
2:00	3:00	20.32	15.75			
	3:30	20.35	15.78			
3:00	3:60	20.36	15.79			
	4:20	20.39	15.82			
5:00	4:50	20.40	15.83			
	5:40	20.43	15.86			
7:00	6:00	20.45	15.88			
	6:50	20.48	15.91			
9:00	7:20	20.53	15.96			
	7:50	20.56	15.99			
11:00	8:40	20.58	16.01			
	9:00	20.62	16.05			
13:00	9:60	20.67	16.10			
	10:20	20.75	16.18			
15:00	10:80	20.80	16.23			
	11:40	20.86	16.29			
17:00	12:00	20.91	16.34			
	12:60	21.03	16.46			
19:00	13:20	21.07	16.50			
	13:80	21.09	16.52			
21:00	14:40	21.10	16.53			
	15:00					
	16:00					
	17:00					
	18:00					
	19:20					
	20:40					
	21:60					
	22:80					
	24:00					
	25:20					
	26:40					
	28:00					

DATA SHEET OF PUMPING TEST

WELL NO: EX-4 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 202-206, 218-227, 232-244 = 27m
 DISCHARGE: 44.8 l/s (3869.9 m³/day) for 1440 min. (1/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
21:00	0	1440	21.10	16.53	SWL = 3.97m bgl.
	0.5	1440.5	6.90	2.33	MP is 0.60m a.g.
	1	1441	6.70	2.13	
	1.5	1441.5	6.47	1.90	
	2	1442	6.36	1.79	
	2.5	1442.5	6.30	1.73	
	3	1443	6.26	1.69	
	4	1444	6.17	1.60	
21:05	5	1445	6.10	1.53	
	6	1446	6.07	1.50	
	7	1447	6.03	1.46	
	8	1448	5.99	1.42	
	9	1449	5.95	1.38	
21:10	10	1450	5.92	1.35	
	11	1451	5.87	1.30	
	12	1452	5.85	1.28	
	13	1453	5.80	1.23	
	14	1454	5.78	1.21	
	15	1455	5.76	1.19	
21:20	20	1460	5.65	1.08	
	25	1465	5.62	1.05	
21:30	30	1470	5.53	0.96	
	40	1480	5.42	0.85	
	50	1490	5.34	0.77	
22:00	60	1500	5.30	0.73	
	70	1510	5.25	0.68	
	80	1520	5.20	0.63	
	90	1530	5.18	0.61	
	100	1540	5.15	0.58	
	110	1550	5.13	0.56	
23:00	120	1560	5.12	0.55	
	140	1580	5.11	0.54	
	160	1600	5.03	0.46	
0:00	180	1620	5.00	0.43	

DATA SHEET OF PUMPING TEST

WELL NO: EX-4 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 202-206, 218-227, 232-244 = 27m
 DISCHARGE: 44.8 l/s (3869.9 m³/day) for 1440 min. (2/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
0:30	210	1650	4.96	0.41	SWL = 3.97m bgl.
1:00	240	1680	4.95	0.38	MP is 0.60m a.g.
	270	1710	4.93	0.36	
2:00	300	1740	4.90	0.33	
	330	1770	4.89	0.32	
3:00	360	1800	4.85	0.31	
4:00	420	1860	4.83	0.28	
	480	1920	4.83	0.26	
6:00	540	1980	4.82	0.25	
	600	2040	4.81	0.24	
8:00	660	2100	4.80	0.23	
	720	2160	4.79	0.22	
10:00	780	2220	4.78	0.21	
	840	2280	4.77	0.20	
12:00	900	2340	4.76	0.19	
	960	2400	4.75	0.18	
14:00	1020	2460	4.74	0.17	
	1080	2520	4.73	0.16	
16:00	1140	2580	4.72	0.15	
	1200	2640	4.71	0.14	
18:00	1260	2700	4.70	0.13	
	1320	2760	4.69	0.12	
20:00	1380	2820	4.68	0.11	
21:00	1440	2880	4.67	0.10	
23:00	1560	3000	4.66	0.09	
1:00	1680	3120	4.66	0.09	
3:00	1800	3240	4.65	0.08	
5:00	1920	3360	4.64	0.07	
7:00	2040	3480	4.63	0.06	
9:00	2160	3600	4.62	0.05	
11:00	2280	3720	4.62	0.05	
13:00	2400	3840	4.61	0.04	
15:00	2520	3960	4.60	0.03	
17:00	2640	4080	4.59	0.02	

DATA SHEET OF PUMPING TEST

WELL NO: EX-4 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 202-206, 218-227, 232-244 = 27m
 DISCHARGE: 44.8 l/s (3869.9 m³/day) for 1440 min. (3/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
19:00	2760	4260	4.58	0.01	
21:00	2880	4320	4.58	0.01	
23:00	3000	4440	4.57	0.00	
1:00	3120	4560	4.57	0.00	
5:00	3240	4680	4.57	0.00	

DATA SHEET OF PUMPING TEST

WELL NO: EX-5 LOCATION: SITACHAUK GL: DEPTH (m): 250m
 STATUS: STEP D.D. TEST PUMP SETTING: 52.5M DATE:
 SCREEN: 206-224, 237-243 = 24m
 POSITION: EX hole only (1/3)

ELAPSED TIME (m)	First Stage Q = 14.8 l/s (1280.5 m ³ /day)			Second Stage Q = 34.1 l/s (2943.69 m ³ /day)			Third Stage Q = 40.1 l/s (3461.2 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	6:00	13.02	0.00	9:05	17.32	4.30	12:10	24.45	11.43
0.5		15.10	2.08		22.46	9.44		28.88	15.86
1		15.90	2.88		22.75	9.73		29.00	15.98
1.5		15.93	2.93		23.00	9.98		29.05	16.03
2		16.35	3.33		23.10	10.08		29.10	16.08
2.5		16.60	3.58		23.20	10.18		29.17	16.15
3		16.67	3.65		23.25	10.23		29.25	16.23
4		16.70	3.68		23.30	10.28		29.35	16.33
5	6:05	16.76	3.74	9:10	23.35	10.33	12:15	29.45	16.43
6		16.80	3.78		23.40	10.38		29.55	16.53
7		16.81	3.79		23.42	10.40		29.60	16.58
8		16.82	3.80		23.45	10.43		29.65	16.63
9		16.83	3.81		23.47	10.45		29.70	16.68
10	6:10	16.84	3.82	9:15	23.49	10.47	12:20	29.75	16.73
11		16.85	3.83		23.50	10.48		29.80	16.78
12		16.90	3.88		23.52	10.50		29.85	16.83
13		16.95	3.93		23.54	10.52		29.90	16.88
14		16.99	3.97		23.56	10.54		29.94	16.92
15		17.02	4.00		23.60	10.58		30.00	16.98
20	6:20	17.05	4.03	9:25	23.70	10.68	12:30	30.05	17.03
25		17.07	4.05		23.76	10.74		30.15	17.13
30	6:30	17.08	4.06	9:35	23.81	10.79	12:40	30.25	17.23
40		17.10	4.08		23.90	10.88		30.35	17.33
50		17.15	4.13		23.94	10.92		30.40	17.38
60	7:00	17.17	4.15	10:05	23.98	10.96	13:10	30.43	17.41
70		17.18	4.16		24.05	11.03		30.46	17.44
80		17.20	4.18		24.11	11.09		30.50	17.48
90	7:30	17.22	4.20	10:35	24.16	11.14	13:40	30.53	17.51
100		17.24	4.22		24.23	11.21		30.56	17.54
110		17.25	4.23		24.28	11.26		30.42	17.40
120	8:00	17.26	4.24	11:05	24.36	11.34	14:10	30.56	17.54
140		17.28	4.26		24.39	11.37		30.56	17.54
160		17.30	4.28		24.42	11.40		30.57	17.55
180	9:00	17.32	4.30	12:05	24.45	11.43	15:10	30.57	17.55

Remarks: MP = 0.20m above GL SWL = 11.70m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: EX-5 LOCATION: SITACHAUK GL: (1/3)
 STATUS: STEP D.D. TEST PUMP SETTING: 52.5M DEPTH (m): 250m
 SCREEN: 206-224, 237-243 = 24m DATE:
 POSITION: EX hole only

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	15:10	30.57	17.55	18:10	33.92	20.90	21:15	27.79	14.77
0.5		32.60	19.58		32.83	17.83		24.80	11.78
1		32.82	19.80		29.60	16.58		24.24	11.22
1.5		33.05	20.03		29.49	16.47		23.70	10.68
2		33.09	20.07		29.40	16.38		23.60	10.58
2.5		33.13	20.11		29.31	16.29		23.53	10.53
3		33.19	20.17		29.23	16.21		23.51	10.49
4		33.22	20.20		29.16	16.14		23.49	10.47
5	15:15	33.25	20.23	18:15	29.07	16.05	21:20	23.43	10.41
6		33.28	20.26		28.98	15.96		23.41	10.39
7		33.31	20.29		28.91	15.89		23.39	10.37
8		33.33	20.31		28.80	15.78		23.36	10.34
9		33.35	20.33		28.71	15.69		23.35	10.33
10	15:20	33.38	20.36	18:20	28.63	15.61	21:25	23.33	10.31
11		33.40	20.38		28.55	15.53		23.29	10.27
12		33.41	20.39		28.48	15.46		23.26	10.24
13		33.42	20.40		28.41	15.39		23.24	10.22
14		33.43	20.41		28.37	15.35		23.22	10.20
15		33.45	20.43		28.36	15.34		23.21	10.19
20	15:30	33.45	20.46	18:30	28.33	15.31	21:35	23.18	10.16
25		33.50	20.48		28.31	15.29		23.16	10.14
30	15:40	33.53	20.53	18:40	28.27	15.25	21:45	23.13	10.11
40		33.60	20.58		28.19	15.17		23.07	10.05
50		33.65	20.63		28.12	15.10		23.01	9.99
60	16:10	33.72	20.70	19:10	28.09	15.07	22:15	22.98	9.96
70		33.75	20.73		28.04	15.02		22.93	9.91
80		33.80	20.78		27.98	14.96		22.90	9.88
90		33.82	20.80		27.91	14.89		22.84	9.82
100		33.83	20.83		27.88	14.86		22.81	9.79
110		33.86	20.84		27.86	14.84		22.78	9.76
120	17:10	33.88	20.86	20:10	27.84	14.82	23:15	22.74	9.72
140		33.90	20.88		27.83	14.81		22.69	9.67
160		33.92	20.90		27.79	14.77		22.61	9.59
180	18:10	33.92	20.90	21:10	27.79	14.77	0:15	22.59	9.57

DATA SHEET OF PUMPING TEST

WELL NO: EX-5 LOCATION: SITACHAUK GL: (1/3)
 STATUS: STEP D.D. TEST PUMP SETTING: 52.5m DEPTH (m): 250m
 SCREEN: 206-224, 237-243 = 24m DATE:
 POSITION: EX hole only

ELAPSED TIME (min)	Seventh Stage			Recovery		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	0:20	22.59	9.57	3:20	19.73	6.71
0.5		20.80	7.78		13.90	0.88
1		20.76	7.74		13.70	0.68
1.5		20.71	7.69		13.60	0.58
2		20.68	7.66		13.50	0.48
2.5		20.65	7.63		13.46	0.44
3		20.62	7.60		13.41	0.39
4		20.59	7.57		13.33	0.31
5	0:25	20.51	7.49	3:25	13.30	0.28
6		20.53	7.53		13.26	0.24
7		20.53	7.51		13.24	0.22
8		20.51	7.49		13.21	0.19
9		20.45	7.43		13.19	0.17
10	0:30	20.46	7.44	3:30	13.17	0.15
11		20.44	7.42		13.14	0.12
12		20.42	7.40		13.11	0.09
13		20.39	7.37		13.10	0.06
14		20.36	7.34		13.08	0.06
15		20.33	7.31		13.07	0.05
20	0:40	20.27	7.25	3:40	13.03	0.03
25		20.22	7.20		13.00	-0.02
30	0:50	20.20	7.18	3:50	12.95	-0.07
40		20.13	7.11		12.89	-0.13
50		20.07	7.05		12.80	-0.22
60	1:20	19.98	6.96	4:20	12.75	-0.27
70		19.94	6.92		12.71	-0.31
80		19.89	6.87		12.65	-0.37
90		19.86	6.84		12.61	-0.41
100		19.83	6.81		12.54	-0.46
110		19.81	6.79		12.50	-0.52
120	2:20	19.79	6.77	5:20	12.41	-0.61
140		19.77	6.75		12.32	-0.70
160		19.75	6.73		12.26	-0.76
180	3:20	19.73	6.71	6:20	12.25	-0.77

DATA SHEET OF PUMPING TEST

WELL NO: EX-5 LOCATION: SITACHAUK GL: (1/2)
 STATUS: CONSTANT DISC. PUMP SETTING: 52.5m DEPTH (m): 250m
 SCREEN: 206-224, 237-243 = 24m DATE:

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m3/day)	REMARKS
17:00	0	11.83	0.00	40.1	3.4642	SWL = 11.57m bgl
	0.5	24.30	12.47			(MP is 0.26m sp)
	1	26.59	14.67			
	1.5	27.20	15.37			
	2	27.41	15.58			
	2.5	27.70	15.87			
	3	27.90	16.07			
	3.5	27.95	16.12			
	4	28.00	16.17			
17:05	5	28.10	16.27			
	6	28.16	16.33			
	7	28.25	16.42			
	8	28.28	16.45			
	9	28.43	16.60			
17:10	10	28.51	16.68			
	11	28.58	16.75			
	12	28.60	16.77			
	13	28.61	16.78			
	14	28.62	16.79			
	15	28.64	16.81			
17:20	20	28.72	16.89			
	25	28.77	16.94			
17:30	30	28.81	16.98			
	45	28.90	17.07			
18:00	60	29.00	17.17			
	75	29.08	17.25			
18:30	90	29.18	17.35			
	105	29.31	17.48			
19:00	120	29.49	17.66			
	135	29.63	17.80			
	150	29.70	17.87			
	165	29.73	17.90			
20:00	180	29.80	17.97			
20:30	210	29.83	18.00			

DATA SHEET OF PUMPING TEST

WELL NO: EX-5 LOCATION: SITACHAUK GL: (2/2)
 STATUS: CONSTANT DISC. PUMP SETTING: 52.5m DEPTH (m): 250m
 SCREEN: 206-224, 237-243 = 24m DATE:

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m3/day)	REMARKS
21:00	240	29.86	18.03	40.01	3.4642	SWL = 11.57m bgl
	270	29.95	18.12			(MP is 0.26m sp)
22:00	300	30.00	18.17			
	330	30.07	18.24			
23:00	360	30.15	18.32			
24:00	420	30.25	18.42			
	480	30.39	18.56			
2:00	540	30.46	18.63			
	600	30.57	18.74			
4:00	660	30.62	18.79			
	720	30.70	18.87			
6:00	780	30.72	18.89			
	840	30.74	18.91			
8:00	900	30.77	18.94			
	960	30.79	18.96			
10:00	1020	30.83	19.00			
	1080	30.87	19.04			
12:00	1140	30.92	19.09			
	1200	30.95	19.12			
14:00	1260	30.98	19.15			
	1320	31.00	19.17			
16:00	1380	31.01	19.18			
17:00	1440	31.02	19.19			
	1500					
	1600					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-5 LOCATION: SITACHAUK GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - SCREEN: 206-224, 237-243 = 24m DATE: DISCHARGE: 3464.2 m³/day for 1440 min. (1/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. ELT.	REMARKS
17:00	0	1440.00	31.02	19.19		SWL = 11.57m bgl.
	0.5	1440.50	18.55	6.72	2881.00	
	1	1441.00	16.44	4.61	1441.00	
	1.5	1441.50	16.01	4.38	961.00	
	2	1442.00	15.48	3.85	721.00	
	2.5	1442.50	15.46	3.63	577.00	
	3	1443.00	15.35	3.52	481.00	
	4	1444.00	15.14	3.31	361.00	
	5	1445.00	15.01	3.18	289.00	
17:05	6	1446.00	14.81	3.08	241.00	
	7	1447.00	14.83	3.00	206.71	
	8	1448.00	14.76	2.95	181.00	
	9	1449.00	14.69	2.86	161.00	
17:10	10	1450.00	14.64	2.81	145.00	
	11	1451.00	14.60	2.77	131.91	
	12	1452.00	14.56	2.73	121.00	
	13	1453.00	14.52	2.69	111.77	
	14	1454.00	14.49	2.66	103.86	
	15	1455.00	14.45	2.62	97.00	
17:20	20	1460.00	14.33	2.50	73.00	
	25	1465.00	14.20	2.37	58.60	
17:30	30	1470.00	14.12	2.29	49.00	
	40	1480.00	13.95	2.12	37.00	
	50	1490.00	13.85	2.02	29.80	
18:00	60	1500.00	13.76	1.93	23.00	
	70	1510.00	13.68	1.85	21.57	
	80	1520.00	13.61	1.78	19.00	
	90	1530.00	13.54	1.71	17.00	
	100	1540.00	13.48	1.65	15.40	
	110	1550.00	13.42	1.59	14.09	
19:00	120	1560.00	13.38	1.55	13.00	
	140	1580.00	13.29	1.46	11.29	
	160	1600.00	13.20	1.37	10.00	
20:00	180	1620.00	13.15	1.32	9.00	

DATA SHEET OF PUMPING TEST

WELL NO: EX-5 LOCATION: SITACHAUK GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - SCREEN: 206-224, 237-243 = 24m DATE: DISCHARGE: 3464.2 m³/day for 1440 min. (2/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. ELT.	REMARKS
			1650	13.05	1.22	7.86
21:00	240	1660	12.98	1.15	7.00	
	270	1710	12.91	1.08	6.33	
22:00	300	1740	12.83	1.00	5.80	
	330	1770	12.79	0.96	5.36	
23:00	360	1800	12.75	0.92	5.00	
0:00	420	1860	12.64	0.83	4.43	
	480	1920	12.60	0.77	4.00	
2:00	540	1980	12.53	0.70	3.67	
	600	2040	12.45	0.62	3.40	
4:00	660	2100	12.39	0.56	3.18	
	720	2160	12.36	0.53	3.00	
6:00	780	2220	12.28	0.45	2.85	
	840	2280	12.20	0.37	2.71	
8:00	900	2340	12.17	0.34	2.60	
	960	2400	12.14	0.31	2.50	
10:00	1020	2460	12.11	0.28	2.41	
	1080	2520	12.08	0.25	2.33	
12:00	1140	2580	12.06	0.23	2.26	
	1200	2640	12.02	0.19	2.20	
14:00	1260	2700	12.00	0.17	2.14	
14:30	1320	2760	11.83	0.00	2.09	
	1380					
	1440					
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: DANDAGUAN GL: DEPTH (m): 250m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DATE: POSITION: EX hole only (1/3)

ELAPSED TIME (min)	First Stage Q = 9.84 l/s (850.2 m ³ /day)			Second Stage Q = 20.5 l/s (1,771.2 m ³ /day)			Third Stage Q = 29.02 l/s (2,507.3 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	13:00	3.55	0	16:00	8.53	4.98	19:05	14.40	10.85
0.5		7.65	4.10		10.70	7.15		18.00	14.45
1		7.70	4.15		11.30	7.75		18.60	15.05
1.5		7.76	4.21		11.92	8.37		18.85	15.30
2		7.83	4.28		12.43	8.88		18.99	15.44
2.5		7.95	4.40		12.96	9.41		19.10	15.55
3		7.99	4.44		13.40	9.85		19.40	15.85
4		8.07	4.52		13.70	10.15		19.46	15.91
5	13:05	8.15	4.60	16:05	13.79	10.24	19:10	19.54	16.01
6		8.21	4.66		13.84	10.29		19.61	16.06
7		8.22	4.67		13.87	10.32		19.66	16.11
8		8.24	4.69		13.92	10.37		19.67	16.12
9		8.24	4.69		13.95	10.40		19.68	16.13
10	13:10	8.24	4.69	16:10	13.97	10.42	19:15	19.69	16.14
11		8.25	4.70		13.98	10.43		19.70	16.15
12		8.26	4.71		13.99	10.44		19.74	16.19
13		8.27	4.72		14.05	10.50		19.75	16.20
14		8.28	4.73		14.10	10.55		19.76	16.21
15		8.29	4.74		14.11	10.56		19.77	16.22
20	13:20	8.31	4.76	16:20	14.20	10.65	19:25	19.78	16.23
25		8.34	4.79		14.22	10.67		19.79	16.24
30	13:30	8.35	4.80	16:30	14.24	10.69	19:35	19.84	16.29
40		8.37	4.82		14.26	10.71		19.86	16.31
50		8.39	4.84		14.28	10.74		19.90	16.35
60	14:00	8.40	4.85	17:00	14.31	10.76	20:05	19.92	16.37
70		8.43	4.88		14.32	10.77		19.93	16.38
80		8.44	4.89		14.34	10.79		19.94	16.39
90		8.46	4.91		14.35	10.80		19.95	16.40
100		8.47	4.92		14.36	10.81		19.96	16.41
110		8.48	4.93		14.37	10.82		19.97	16.42
120	15:00	8.50	4.95	18:00	14.38	10.83	21:05	19.99	16.44
140		8.51	4.96		14.40	10.85		20.01	16.46
160		8.52	4.97		14.40	10.85		20.02	16.47
180	16:00	8.53	4.98	19:00	14.40	10.85	22:05	20.03	16.48

Remarks: MFP is 0.3m bgl. SWL is 3.16m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: DANDAGUAN GL: DEPTH (m): 250m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DATE: POSITION: EX hole only (2/3)

ELAPSED TIME (min)	Fourth Stage Q = 40.06 l/s (3,461.2 m ³ /day)			Fifth Stage Q = 34.7 l/s (2,998.1 m ³ /day)			Sixth Stage Q = 24.6 l/s (2,125.4 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	22:10	20.03	16.48	1:10	21.74	24.19	4:15	24.17	20.62
0.5		24.13	20.58		25.00	21.45		21.50	17.95
1		24.95	21.40		25.31	21.76		21.05	17.50
1.5		25.30	21.75		25.27	21.72		20.80	17.25
2		25.62	22.07		25.21	21.66		21.64	18.09
2.5		25.84	22.29		25.19	21.64		20.58	17.03
3		26.03	22.48		25.11	21.56		20.50	16.95
4		26.19	22.64		25.08	21.53		20.47	16.92
5	22:15	26.40	22.85	1:15	25.03	21.48	4:20	20.43	16.90
6		26.59	23.04		24.97	21.42		20.43	16.88
7		26.78	23.23		24.89	21.34		20.40	16.85
8		26.89	23.34		24.85	21.30		20.39	16.84
9		27.00	23.45		24.83	21.28		20.38	16.83
10	22:20	27.13	23.58	1:20	24.80	21.25	4:25	20.36	16.81
11		27.29	23.74		24.78	21.23		20.34	16.79
12		27.31	23.76		24.75	21.20		20.32	16.77
13		27.44	23.89		24.72	21.17		20.30	16.75
14		27.45	23.90		24.70	21.15		20.28	16.73
15		27.46	23.91		24.69	21.14		20.26	16.71
20	22:30	27.47	23.92	1:30	24.52	20.97	4:35	20.24	16.69
25		27.49	23.94		24.51	20.96		20.23	16.68
30	22:40	27.53	23.98	1:40	24.50	20.95	4:45	20.22	16.67
40		27.54	23.99		24.45	20.90		20.20	16.65
50		27.56	24.01		24.39	20.84		20.18	16.63
60	23:10	27.58	24.03	2:10	24.34	20.79	5:15	20.16	16.61
70		27.61	24.06		24.33	20.78		20.15	16.60
80		27.62	24.07		24.31	20.76		20.13	16.58
90		27.63	24.08		24.28	20.73		20.11	16.56
100		27.64	24.09		24.25	20.70		20.09	16.54
110		27.65	24.10		24.24	20.69		20.08	16.53
120	0:10	27.66	24.11	3:10	24.23	20.68	6:15	20.05	16.50
140									

DATA SHEET OF PUMPING TEST

WELL NO: EX-6 LOCATION: DANDAGUAN GL: 11.79
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DEPTH (m): 250m
 SCREEN: 214-241 = 27m DATE: (1/1)
 POSITION: EX hole only

ELAPSED TIME (min)	Screening Stage Q = 14.52 Lt (1280.4 m ³ /day)			Recovery Q = 0 (Stop Pump)			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0	7:29	20.02	16.47	10:20	11.79	8.24			
0.5		13.80	10.35		7.20	3.65			
1		13.85	9.30		5.70	2.15			
1.5		12.70	9.15		5.25	1.70			
2		12.60	9.05		5.05	1.50			
2.5		12.55	9.00		4.95	1.40			
3		12.50	8.95		4.80	1.25			
4		12.47	8.92		4.65	1.10			
5	7:25	12.40	8.85	10:25	4.55	1.00			
6		12.31	8.76		4.48	0.93			
7		12.20	8.75		4.43	0.88			
8		12.27	8.72		4.35	0.80			
9		12.26	8.71		4.33	0.78			
10	7:30	12.25	8.70	10:30	4.28	0.73			
11		12.24	8.69		4.25	0.70			
12		12.23	8.68		4.22	0.67			
13		12.21	8.66		4.21	0.66			
14		12.19	8.64		4.20	0.65			
15		12.18	8.63		4.19	0.64			
20	7:40	12.15	8.60	10:40	4.15	0.60			
25		12.10	8.55		4.10	0.55			
30	7:50	12.06	8.51	10:50	4.06	0.50			
40		12.02	8.47		3.97	0.42			
50		11.96	8.41		3.90	0.35			
60	8:20	11.94	8.39	11:20	3.87	0.32			
70		11.92	8.37		3.86	0.31			
80		11.91	8.36		3.80	0.25			
90		11.90	8.35		3.78	0.23			
100		11.89	8.34		3.75	0.20			
110		11.87	8.32		3.72	0.17			
120	9:20	11.84	8.29	12:20	3.69	0.14			
140		11.81	8.26		3.65	0.10			
160		11.80	8.25		3.61	0.06			
180	10:20	11.79	8.24	13:20	3.58	0.03			

Remarks:

DATA SHEET OF PUMPING TEST

WELL NO: EX-6 LOCATION: DANDAGUAN GL: 11.79
 STATUS: CONSTANT DISC. PUMP SETTING: 41.5m DEPTH (m): 250m
 SCREEN: 214-241 = 27m DATE: (1/2)
 POSITION: EX hole only

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (lt/s)	-DITTO- (m ³ /Day)	REMARKS
17:30	0:00	3.47	0.00	29.0	2,507.3	SWL = 3.08m below GW
	0:50	16.42	12.95			
	1:00	17.20	13.73			
	1:50	18.45	14.98			
	2:00	18.64	15.17			
	2:50	18.95	15.48			
	3:00	19.00	15.53			
	3:50	19.20	15.63			
	4:00	19.12	15.65			
17:35	5:00	19.13	15.66			
	6:00	19.15	15.68			
	7:00	19.17	15.70			
	8:00	19.17	15.70			
	9:00	19.20	15.73			
17:40	10:00	19.24	15.77			
	11:00	19.31	15.84			
	12:00	19.33	15.86			
	13:00	19.35	15.88			
	14:00	19.37	15.90			
	15:00	19.39	15.92			
17:50	20:00	19.45	15.98			
	25:00	19.46	15.99			
18:00	30:00	19.47	16.00			
	45:00	19.50	16.03			
18:30	60:00	19.60	16.13			
	75:00	19.69	16.22			
19:00	90:00	19.75	16.28			
	105:00	19.80	16.33			
19:30	120:00	19.83	16.36			
	135:00	19.85	16.38			
	150:00	19.90	16.43			
	165:00	19.91	16.44			
20:30	180:00	19.95	16.48			
21:00	210:00	19.96	16.49			

DATA SHEET OF PUMPING TEST

WELL NO: EX-6 LOCATION: DANDAGUAN GL: 11.79
 STATUS: CONSTANT DISC. PUMP SETTING: 41.5m DEPTH (m): 250m
 SCREEN: 214-241 = 27m DATE: (2/2)
 POSITION: EX hole only

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (lt/s)	-DITTO- (m ³ /Day)	REMARKS
21:30	240:00	19.99	16.52	29.02	1507.32	SWL = 3.08m below GL
	270:00	20.40	16.93			
22:30	300:00	20.12	16.65			
23:00	330:00	20.15	16.68			
	360:00	20.20	16.73			
0:30	420:00	20.23	16.76			
	480:00	20.24	16.77			
2:30	540:00	20.25	16.78			
	600:00	20.27	16.80			
4:30	660:00	20.29	16.82			
	720:00	20.30	16.83			
6:30	780:00	20.31	16.84			
	840:00	20.35	16.88			
8:30	900:00	20.38	16.91			
	960:00	20.43	16.95			
10:30	1020:00	20.49	17.02			
	1080:00	20.53	17.06			
12:30	1140:00	20.57	17.10			
	1200:00	20.59	17.12			
14:30	1260:00	20.60	17.13			
	1320:00	20.61	17.14			
16:30	1380:00	20.62	17.15			
17:30	1440:00	20.63	17.16			pH=8.4, EC=232, T=31.0
	1560:00					
	1680:00					
	1800:00					
	1920:00					
	2040:00					
	2160:00					
	2280:00					
	2400:00					
	2520:00					
	2640:00					
	2880:00					

DATA SHEET OF PUMPING TEST

WELL NO: EX-6 LOCATION: DANDAGUAN GL: 11.79
 STATUS: RECOVERY TEST PUMP SETTING: - DEPTH (m): 250m
 SCREEN: 214-241 = 27m DATE: (1/3)
 DISCHARGE: 29.0 l/s (2,507.3 m³/day) for 1440 min

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACC/ELT	REMARKS
17:30	0	1440	20.63	17.16		SWL = 3.08m bgl.
	0.5	1440.5	9.50	6.03	2881.00	MP is 0.39m a.g.l.
	1	1441	7.20	3.75	1441.00	
	1.5	1441.5	6.39	2.92	961.00	
	2	1442	6.00	2.53	721.00	
	2.5	1442.5	5.80	2.33	577.00	
	3	1443	5.80	2.13	481.00	
	4	1444	5.45	1.98	361.00	
	5	1445	5.35	1.88	289.00	
17:35	6	1446	5.25	1.78	241.00	
	7	1447	5.20	1.73	206.71	
	8	1448	5.10	1.63	181.00	
	9	1449	5.00	1.53	161.00	
17:40	10	1450	4.94	1.47	145.00	
	11	1451	4.90	1.43	131.91	
	12	1452	4.85	1.38	121.00	
	13	1453	4.77	1.30	111.77	
	14	1454	4.72	1.25	103.86	
	15	1455	4.70	1.23	97.00	
17:50	20	1460	4.58	1.11	73.00	
	25	1465	4.50	1.03	58.60	
18:00	30	1470	4.42	0.95	49.00	
	40	1480	4.33	0.86	37.00	
	50	1490	4.21	0.74	29.60	
18:30	60	1500	4.15	0.66	25.00	
	70	1510	4.09	0.62	21.57	
	80	1520	4.40	0.93	19.00	
	90	1530	3.95	0.48	17.00	
	100	1540	3.94	0.47	15.40	
	110	1550	3.92	0.46	14.09	
19:30	120	1560	3.90	0.45	13.00	
	140	1580	3.87	0.46	11.29	
	160	1600	3.85	0.38	10.00	
20:30	180	1620	3.80	0.33	9.00	

DATA SHEET OF PUMPING TEST

WELL NO: EX-6 LOCATION: DANDAGUAN GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 214-241 = 27m

DISCHARGE: 29.0 L/S (2,507.3 m³/day) for 1440 min (2/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	Fourth Stage		ACC/ELT	REMARKS
			WATER LEVEL (m)	DRAW-DOWN (m)		
	210	1650	3.75	0.28	7.86	
21:30	240	1680	3.70	0.23	7.00	
	270	1710	3.69	0.22	6.33	
22:30	300	1740	3.67	0.20	5.80	
	330	1770	3.64	0.17	5.36	
	360	1800	3.60	0.13	5.00	
0:30	420	1860	3.58	0.11	4.43	
	480	1920	3.56	0.09	4.00	
1:30	540	1980	3.55	0.08	3.67	
	600	2040	3.53	0.06	3.40	
4:30	660	2100	3.51	0.04	3.18	
	720	2160	3.48	0.01	3.00	
6:30	780	2220	3.46	-0.01	2.85	
	840	2280	3.44	-0.03	2.71	
8:30	900	2340	3.42	-0.05	2.60	
	960					
	1020					
	1080					
	1140					
	1200					
	1260					
	1320					
	1380					
	1440					
	1500					
	1560					
	1620					
	1680					
	1740					
	1800					
	1860					
	1920					
	1980					
	2040					
	2100					
	2160					
	2220					
	2280					
	2340					
	2400					
	2460					
	2520					
	2640					

DATA SHEET OF PUMPING TEST

WELL NO: EX-7 LOCATION: HALDIBARI GL: DEPTH (m): 200
 STATUS: STEP D.D. TEST PUMP SETTING: 50 m DATE:
 SCREEN: 140-143, 158-167, 170-176, 183-186 = 21 m

DISCHARGE: 98.4 L/S (850.2 m³/d) (1/3)

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	10:00	8.33	0.00	13:05	8.52	8.19	16:10	11.34	11.01
0.5		8.04	7.71		10.60	10.47		22.05	21.72
1		8.06	7.73		10.66	10.55		22.12	21.79
1.5		8.07	7.74		10.93	10.60		22.23	21.90
2		8.07	7.74		10.97	10.64		22.30	21.97
2.5		8.07	7.74		10.97	10.64		22.33	22.02
3		8.06	7.73		10.99	10.66		22.40	22.07
4		8.11	7.78		11.00	10.67		22.52	22.19
5	10:05	8.16	7.83	13:10	11.05	10.72	16:15	22.54	22.21
6		8.19	7.86		11.05	10.72		22.55	22.23
7		8.23	7.90		11.08	10.75		22.58	22.25
8		8.24	7.91		11.00	10.67		22.62	22.29
9		8.26	7.93		11.30	10.97		22.65	22.32
10	10:10	8.28	7.95	13:15	11.15	10.82	16:20	22.66	22.33
11		8.29	7.96		11.17	10.84		22.70	22.37
12		8.29	7.96		11.20	10.87		22.74	22.41
13		8.32	7.99		11.21	10.88		22.79	22.46
14		8.32	7.99		11.21	10.88		22.88	22.55
15	10:15	8.34	8.01		11.23	10.90		23.01	22.68
20	10:20	8.39	8.06	13:25	11.25	10.92	16:30	23.10	22.77
23		8.40	8.07		11.26	10.93		23.18	22.85
30	10:30	8.43	8.10	13:35	11.30	10.97	16:40	23.20	22.87
40		8.50	8.17		11.33	11.00		23.26	22.93
50		8.51	8.18		11.33	11.00		23.33	23.00
60	11:00	8.52	8.19	14:05	11.33	11.00	17:10	23.37	23.04
76		8.52	8.19		11.33	11.00		23.45	23.12
80		8.52	8.19		11.33	11.00		23.48	23.15
90	11:30	8.52	8.19	14:35	11.33	11.00	17:40	23.52	23.19
100		8.52	8.19		11.33	11.00		23.56	23.23
110		8.52	8.19		11.34	11.01		23.58	23.25
120	12:00	8.52	8.19	15:05	11.34	11.01	18:10	23.61	23.28
140		8.52	8.19		11.34	11.01		23.64	23.31
160		8.52	8.19		11.34	11.01		23.67	23.34
180	13:00	8.52	8.19	16:05	11.34	11.01	19:10	23.68	23.35

Remarks: * Water level was measured down from the MP. MP was 1.35m above GL.

DATA SHEET OF PUMPING TEST

WELL NO: EX-7 LOCATION: HALDIBARI GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: 50 m DATE:
 SCREEN: 140-143, 158-167, 170-176, 183-186 = 21 m

DISCHARGE: 44.8 L/S (3,876.7 m³/d) (2/3)

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	19:30	23.68	23.35	22:10	33.18	32.83	1:10	30.02	29.69
0.5		30.70	30.37		31.65	31.32		28.65	28.32
1		30.90	30.57		31.38	31.05		28.30	27.97
1.5		31.10	30.77		31.16	30.83		28.20	27.87
2		31.18	30.85		30.92	30.59		27.88	27.55
2.5		31.29	30.96		30.68	30.35		27.42	27.09
3		31.37	31.04		30.75	30.42		27.15	26.82
4		31.58	31.25		30.61	30.28		26.47	26.14
5	19:15	31.89	31.56	22:15	30.60	30.27	1:15	25.98	25.65
6		32.05	31.72		30.58	30.25		25.46	25.13
7		32.17	31.84		30.50	30.17		25.33	25.00
8		32.24	31.91		30.45	30.12		25.14	24.81
9		32.30	31.97		30.43	30.10		24.91	24.58
10	19:20	32.36	32.03	22:20	30.39	30.06	1:20	24.83	24.50
11		32.39	32.06		30.34	30.01		24.76	24.43
12		32.45	32.12		30.32	29.99		24.71	24.38
13		32.50	32.17		30.26	29.93		24.70	24.37
14		32.58	32.25		30.21	29.89		24.69	24.36
15		32.63	32.30		30.18	29.85		24.64	24.31
20	19:30	32.70	32.37	22:30	30.18	29.85	1:30	24.60	24.27
25		32.77	32.44		30.16	29.83		24.60	24.27
30	19:40	32.82	32.49	22:40	30.15	29.82	1:40	24.57	24.24
40		32.86	32.53		30.13	29.80		24.56	24.23
50		32.92	32.59		30.11	29.78		24.55	24.22
60	20:10	32.97	32.64	23:10	30.08	29.75	2:10	24.53	24.20
70		33.04	32.71		30.06	29.73		24.52	24.19
80		33.08	32.75		30.05	29.72		24.48	24.15
90	20:40	33.15	32.82	23:40	30.05	29.72	2:40	24.45	24.12
100		33.15	32.82		30.05	29.72		24.41	24.08
110		33.15	32.82		30.02	29.69		24.30	23.97
120	21:10	33.18	32.85	0:10	30.02	29.69	3:10	24.25	23.92
140		33.18	32.85		30.02	29.69		24.19	23.86
160		33.18	32.85		30.02	29.69		24.15	23.82
180	22:10	33.18	32.85	1:10	30.02	29.69	4:10	24.12	23.79

Remarks:

DATA SHEET OF PUMPING TEST

WELL NO: EX-7 LOCATION: HALDIBARI GL: DEPTH (m): 200
 STATUS: STEP D.D. TEST PUMP SETTING: 50 m DATE:
 SCREEN: 140-143, 158-167, 170-176, 183-186 = 21 m

DISCHARGE: 18.82 L/S (1,288.4 m³/d) (2/3)

ELAPSED TIME (min)	Seventh Stage			Recovery		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	4:15	24.12	23.79			
0.5		15.25	14.92			
1		15.01	14.68			
1.5		14.85	14.52			
2		14.48	14.15			
2.5		14.23	13.90			
3		14.02	13.69			
4		13.61	13.28			
5	4:20	13.28	12.95			
6		13.19	12.86			
7		13.12	12.79			
8		13.02	12.69			
9		12.91	12.58			
10	4:25	12.82	12.49			
11		12.80	12.47			
12		12.75	12.42			
13		12.73	12.40			
14		12.73	12.40			
15		12.73	12.40			
20	4:35	12.65	12.32			
25		12.57	12.24			
30	4:45	12.55	12.22			
40		12.41	12.08			
50		12.32	11.99			
60	5:15	12.28	11.95			
70		12.22	11.89			
80		12.15	11.82			
90	5:45	12.12	11.79			
100		12.10	11.77			
110		12.05	11.72			
120	6:15	12.03	11.70			
140		11.98	11.65			
160		11.93	11.60			
180	7:15	11.90	11.57			

Remarks:

DATA SHEET OF PUMPING TEST

WELL NO: EX-7 LOCATION: HALDIBARI
 STATUS: CONSTANT DISC. PUMP SETTING: 50 m
 SCREEN: 140-143, 158-167, 170-176, 183-186 = 21 m
 GL: DEPTH (m): 200 m
 DATE:

(1/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m³/Day)	REMARKS
13:55	0	-1.22	0	40.0	3,456.0	SWL = -1.22 m
	0.5	20.28	21.50			
	1	21.32	22.44			
	1.5	21.58	22.80			
	2	21.87	23.09			
	2.5	22.16	23.40			
	3	22.39	23.61			
	3.5	22.58	23.80			
	4	22.68	23.90			
14:00	5	22.85	24.07			
	6	23.13	24.35			
	7	23.15	24.37			
	8	23.20	24.42			
	9	23.25	24.47			
14:05	10	23.50	24.72			
	11	23.49	24.71			
	12	23.57	24.79			
	13	23.67	24.89			
	14	23.77	24.99			
14:10	15	23.84	25.06			
14:15	20	24.05	25.27			
	25	24.23	25.45			
14:25	30	24.35	25.57			
	35	24.51	25.73			
14:55	60	24.61	25.83			
	75	24.80	26.02			
	90	25.40	26.62			
	105	25.45	26.67			
15:55	120	25.50	26.72			
	135	25.60	26.82			
	150	25.63	26.85			
	165	25.70	26.92			
16:55	180	26.00	27.22			
	210	26.26	27.48			

DATA SHEET OF PUMPING TEST

WELL NO: EX-7 LOCATION: HALDIBARI
 STATUS: CONSTANT DISC. PUMP SETTING: 50 m
 SCREEN: 140-143, 158-167, 170-176, 183-186 = 21 m
 GL: DEPTH (m): 200 m
 DATE:

(2/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m³/Day)	REMARKS
17:55	240	26.51	27.73	40.0	3,456.0	SWL = -1.22 m
	270	26.53	27.75			
18:55	300	26.55	27.77			
	330	26.64	27.86			
19:55	360	26.90	28.12			
20:55	420	27.20	28.42			
21:55	480	27.23	28.45			
22:55	540	27.28	28.50			
23:55	600	27.33	28.55			
0:55	660	27.35	28.57			
1:55	720	27.35	28.60			
2:55	780	27.41	28.63			
3:55	840	27.51	28.73			
4:55	900	27.56	28.78			
5:55	960	27.63	28.85			
6:55	1020	27.90	29.12			
7:55	1080	27.90	29.12			
8:55	1140	27.94	29.16			
9:55	1200	27.95	29.17			
10:55	1260	28.00	29.22			
11:55	1320	28.00	29.22			
12:55	1380	28.01	29.23			
13:55	1440	28.01	29.23			
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-7 LOCATION: HALDIBARI
 STATUS: RECOVERY TEST PUMP SETTING: 50m
 SCREEN: 140-143, 158-167, 170-176, 183-186 = 21m
 GL: DEPTH (m): 200m
 DATE:

(1/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
13:55	0	1440	26.01	29.23	SWL = -1.22
	0.5	1440.5	14.66	15.28	
	1	1441	10.01	11.23	
	1.5	1441.5	8.45	9.67	
	2	1442	6.79	8.01	
	2.5	1442.5	5.28	6.58	
	3	1443	4.65	5.87	
	4	1444	3.85	5.07	
14:00	5	1445	3.50	4.72	
	6	1446	3.30	4.52	
	7	1447	3.16	4.36	
	8	1448	2.96	4.18	
	9	1449	2.92	4.14	
14:05	10	1450	2.67	3.89	
	11	1451	2.61	3.83	
	12	1452	2.52	3.74	
	13	1453	2.49	3.71	
	14	1454	2.35	3.57	
	15	1455	2.27	3.49	
14:15	20	1460	2.00	3.22	
	25	1465	1.74	2.96	
14:25	30	1470	1.48	2.70	
	35	1485	1.23	2.45	
14:55	60	1500	1.00	2.22	
	75	1515	0.81	2.03	
15:25	90	1530	0.66	1.85	
	105	1545	0.54	1.76	
15:55	120	1560	0.44	1.66	
	135	1575	0.35	1.57	
	150	1590	0.24	1.46	
	165	1605	0.16	1.38	
16:55	180	1620	0.11	1.33	
17:25	210	1650	0.06	1.28	
17:55	240	1680	-0.09	1.13	

DATA SHEET OF PUMPING TEST

WELL NO: EX-7 LOCATION: HALDIBARI
 STATUS: RECOVERY TEST PUMP SETTING: 50m
 SCREEN: 140-143, 158-167, 170-176, 183-186 = 21m
 GL: DEPTH (m): 200m
 DATE:

(2/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
	270	1710	-0.18	1.04	
18:55	300	1740	-0.24	0.96	
	330	1770	-0.24	0.96	
19:55	360	1800	-0.35	0.87	
	420	1860	-0.39	0.83	
21:55	480	1920	-0.54	0.68	
	540	1980	-0.59	0.63	
23:55	600	2040	-0.66	0.56	
	660	2100	-0.77	0.45	
1:55	720	2160	-0.82	0.40	
	780	2220	-0.86	0.36	
3:55	840	2280	-0.89	0.33	
	900	2340	-0.91	0.31	
5:55	960	2400	-0.94	0.28	
	1020	2460	-0.95	0.27	
7:55	1080	2520	-0.96	0.26	
	1140	2580	-1.01	0.21	
9:55	1200	2640	-1.07	0.15	
	1260	2700	-1.14	0.06	
11:55	1320	2760	-1.22	0.00	
	1380				
	1440				
	1560				
	1680				
	1800				
	1920				
	2040				
	2160				
	2280				
	2400				
	2520				
	2640				

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: BHIMNAGAR GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m
 SCREEN: 167-173, 178-193 =21m DATE:
 POSITION: EX hole only. (1/2)

ELAPSED TIME (min)	First Stage Q= 24.12 l/s (2,084.0 m ³ /day)			Second Stage Q= 34.07 l/s (2,943.6 m ³ /day)			Third Stage Q= 44.79 l/s (3,869.9 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	6:35	11(-8.25)	0	11:35	1.93	10.18	14:40	10.90	19.15
0.5		12 1.30	9.55		4.65	12.90		11.00	19.25
1		1.95	10.20		5.35	13.60		11.07	19.32
1.5		1.86	10.11		5.40	13.85		11.12	19.37
2		1.51	10.06		5.70	13.65		11.17	19.42
2.5		1.75	10.00		5.73	14.00		11.22	19.47
3		1.62	9.87		5.78	14.03		11.27	19.52
4		1.61	9.86		5.80	14.05		11.29	19.54
5	8:40	1.60	9.85	11:40	5.81	14.06	14:45	11.31	19.56
6		1.65	9.90		5.83	14.07		11.35	19.60
7		1.62	9.87		5.89	14.14		11.39	19.64
8		1.62	9.87		5.84	14.09		11.42	19.67
9		1.65	9.90		5.86	14.11		11.45	19.70
10	8:45	1.74	9.99	11:45	5.83	14.12	14:50	11.48	19.73
11		1.75	10.00		5.88	14.13		11.49	19.74
12		1.78	10.03		5.89	14.14		11.50	19.75
13		1.78	10.03		5.90	14.15		11.51	19.76
14		1.78	10.03		5.91	14.16		11.52	19.77
15		1.78	10.03		5.92	14.17		11.53	19.78
20	8:55	1.79	10.04	11:55	5.96	14.21	15:00	11.57	19.82
25		1.79	10.04		5.96	14.23		11.60	19.85
30	9:05	1.80	10.05	12:05	6.00	14.25	15:10	11.63	19.88
40		1.81	10.06		6.04	14.29		11.70	19.95
50		1.81	10.06		6.05	14.30		11.74	19.99
60	9:35	1.82	10.07	12:35	6.06	14.31	15:40	11.77	20.03
70		1.81	10.08		6.07	14.32		11.80	20.05
80		1.84	10.09		6.06	14.33		11.88	20.13
90	10:05	1.87	10.12		6.09	14.34		11.87	20.12
100		1.89	10.14		6.10	14.35		11.91	20.16
110		1.90	10.15		6.11	14.36		11.93	20.18
120	10:35	1.90	10.15	13:35	6.12	14.37	16:40	11.95	20.20
140		1.91	10.16		6.15	14.40		12.00	20.25
160		1.93	10.18		6.18	14.43		12.00	20.25
180	11:35	1.93	10.18	14:35	6.18	14.43	17:40	12.00	20.25

Remarks: *1. SWL is 8.25m above MP.
 *2. MP is 30m above GL, so D.D. is WL + 8.25m

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: BHIMNAGAR GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m
 SCREEN: 167-173, 178-193 =21m DATE:
 POSITION: EX hole only. (2/2)

ELAPSED TIME (min)	Fourth Stage Q= 59.30 l/s (5,123.6 m ³ /day)			Fifth Stage Q= 50.15 l/s (4,333.0 m ³ /day)			Sixth Stage Q= 40.06 l/s (3,461.2 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	17:40	12.00	20.25	20:40	20.51	28.76	23:40	15.70	23.95
0.5		18.60	26.85		18.84	27.09		11.54	19.79
1		18.79	27.04		18.50	24.75		11.19	19.44
1.5		18.95	27.20		16.48	24.73		11.13	19.38
2		19.00	27.25		16.45	24.70		11.10	19.35
2.5		19.25	27.50		16.44	24.69		11.09	19.34
3		19.28	27.53		16.43	24.68		11.06	19.31
4		19.41	27.66		16.43	24.68		11.02	19.27
5	17:45	19.45	27.70	20:45	16.25	24.50	23:45	10.99	19.24
6		19.53	27.78		16.09	24.34		10.97	19.22
7		19.87	28.12		16.00	24.25		10.95	19.20
8		19.98	28.23		16.00	24.25		10.94	19.19
9		20.04	28.29		15.95	24.20		10.93	19.18
10	17:50	20.08	28.33	20:50	15.93	24.18	23:50	10.90	19.15
11		20.10	28.35		15.92	24.17		10.88	19.13
12		20.12	28.37		15.92	24.17		10.88	19.13
13		20.15	28.40		15.92	24.17		10.87	19.12
14		20.16	28.41		15.92	24.17		10.87	19.12
15		20.17	28.42		15.92	24.17		10.86	19.11
20	18:00	20.20	28.45	21:00	15.89	24.14	0:00	10.85	19.10
25		20.22	28.47		15.86	24.11		10.84	19.09
30	18:10	20.23	28.48	21:10	15.83	24.08	0:10	10.84	19.09
40		20.27	28.52		15.80	24.05		10.83	19.06
50		20.28	28.53		15.77	24.02		10.82	19.07
60	18:40	20.32	28.57	21:40	15.73	23.98	0:40	10.78	19.03
70		20.33	28.58		15.72	23.97		10.77	19.02
80		20.34	28.59		15.72	23.97		10.77	19.02
90		20.35	28.60		15.71	23.96		10.77	19.02
100		20.37	28.62		15.71	23.96		10.77	19.02
110		20.41	28.66		15.70	23.95		10.77	19.02
120	19:40	20.44	28.69	22:40	15.70	23.95	1:40	10.76	19.01
140		20.48	28.73		15.70	23.95		10.76	19.01
160		20.50	28.75		15.70	23.95		10.75	19.00
180	20:40	20.51	28.76	23:40	15.70	23.95	2:40	10.75	19.00

Remarks: *1. SWL is 8.25m above MP.
 *2. MP is 30m above GL, so D.D. is WL + 8.25m

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: BHIMNAGAR GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m
 SCREEN: 167-173, 178-193 =21m DATE:
 POSITION: EX hole only. (1/2)

ELAPSED TIME (min)	Seventh Stage Q= 24.60 l/s (2,125.4 m ³ /day)			Recovery Q= 0 (Stop Pump)			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0	2:45	10.73	19.00	5:43:07	0.00	8.23			
0.5		6.67	14.92						
1		5.95	14.20						
1.5		5.05	13.30						
2		4.91	13.16						
2.5		4.75	13.00						
3		4.55	12.80						
4		4.37	12.62						
5	2:50	4.00	12.25						
6		3.88	12.13						
7		3.65	11.90						
8		3.52	11.77						
9		3.46	11.71						
10	2:55	3.42	11.67						
11		3.40	11.65						
12		3.38	11.63						
13		3.34	11.59						
14		3.32	11.57						
15		3.26	11.51						
20	3:05	3.20	11.45						
25		3.15	11.40						
30		3.10	11.35						
40		3.05	11.30						
50		3.00	11.25						
60	3:45	2.95	11.18						
70		2.87	11.12						
80		2.71	10.96						
90		2.67	10.92						
100		2.60	10.85						
110		2.55	10.80						
120	4:45	2.50	10.75						
140		2.48	10.73						
160		2.46	10.71						
180	5:45	2.44	10.69						

Remarks: *1. SWL is 8.25m above MP.
 *2. MP is 30m above GL, so D.D. is WL + 8.25m

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: BHIMNAGAR GL: DEPTH (m): 200m
 STATUS: CONSTANT DISC. PUMP SETTING: 41.5m
 SCREEN: 167-173, 178-193 = 21m DATE:
 POSITION: EX hole only. (1/2)

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
17:15	0	-8.25	0	50.15	4,333.0	SWL = 8.55m above GL
	0.5	4.20	12.45			MP is 0.30m above GL
	1	9.00	17.25			
	1.5	12.70	20.95			
	2	13.05	21.30			
	2.5	13.10	21.35			
	3	13.14	21.39			
	3.5	13.20	21.45			
	4	13.25	21.50			
17:20	5	13.29	21.54			
	6	13.37	21.62			
	7	13.40	21.65			
	8	13.52	21.77			
	9	13.61	21.86			
17:25	10	13.65	21.90			
	11	13.70	21.95			
	12	13.72	21.97			
	13	13.74	21.99			
	14	13.75	22.00			
	15	13.75	22.00			
17:35	20	13.82	22.07			
	25	13.85	22.10			
17:45	30	13.94	22.19			
	45	14.07	22.32			
18:15	60	14.15	22.40			
	75	14.23	22.47			
	90	14.25	22.50			
	105	14.29	22.54			
19:15	120	14.40	22.65			
	135	14.50	22.75			
	150	14.61	22.86			
	165	14.76	23.01			
20:15	180	14.77	23.02			
	210	14.85	23.10			

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: BHIMNAGAR GL:
 STATUS: CONSTANT DISC. PUMP SETTING: 41.5m DEPTH (m): 200m
 SCREEN: 167-173, 178-193 = 21m DATE:

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /Day)	REMARKS
21:15	240	14.95	23.20	10.15	4,333.0	SWL = 8.55m above GL.
	270	15.05	23.30			MP is 0.30m above GL.
22:15	300	15.10	23.35			
	330	15.17	23.42			
23:15	360	15.21	23.46			
0:15	420	15.26	23.55			
1:15	480	15.30	23.64			
	540	15.47	23.72			
3:15	600	15.53	23.78			
	660	15.59	23.84			
5:15	720	15.65	23.90			
	780	15.70	23.95			
7:15	840	15.78	24.03			
	900	15.80	24.05			
9:15	960	15.81	24.06			
	1020	15.82	24.07			
11:15	1080	15.82	24.07			
	1140	15.82	24.07			
13:15	1200	15.82	24.07			
	1260	15.82	24.07			
15:15	1320	15.82	24.07			
	1380	15.85	24.10			
17:15	1440	15.85	24.10			
	1500					
	1600					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: BHIMNAGAR GL:
 STATUS: RECOVERY TEST PUMP SETTING: DEPTH (m): 200m
 SCREEN: 167-173, 178-193 = 21m DATE:
 DISCHARGE: 4,333.0 m³/day for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
17:15	0	1440	15.85	24.10	SWL = 8.55m above GL.
17:15:09	(9 sec)		0.00	8.25	
	1				
	1.5				Pulling up Pump, and setting stand pipe.
	2				
	2.5				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	20				
	25				
	30				
	40				
	50				
	60				
	70				
	80				
	90				
	100				
	110				
	120				
19:55	140	1580	-5.99	7.32	resume measuring
19:55	160	1600	-6.16	7.09	
20:15	180	1620	-6.28	1.97	

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: BHIMNAGAR GL:
 STATUS: RECOVERY TEST PUMP SETTING: DEPTH (m): 200m
 SCREEN: 167-173, 178-193 = 21m DATE:
 DISCHARGE: 4,333.0 m³/day for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
20:45	210	1650	-6.48	1.77	SWL = 8.55m above GL.
	240	1680	-6.60	1.65	
21:45	270	1710	-6.71	1.54	
	300	1740	-6.81	1.44	
22:45	330	1770	-6.90	1.35	
	360	1800	-6.98	1.27	
0:15	420	1860	-7.06	1.17	
	480	1920	-7.16	1.09	
2:15	540	1980	-7.23	1.02	
	600	2040	-7.28	0.97	
4:15	660	2100	-7.31	0.94	
	720	2160	-7.35	0.90	
6:15	780	2220	-7.39	0.86	
	840	2280	-7.43	0.82	
8:15	900	2340	-7.49	0.76	
	960	2400	-7.54	0.71	
10:15	1020	2460	-7.58	0.67	
	1080	2520	-7.63	0.62	
12:15	1140	2580	-7.66	0.59	
	1200	2640	-7.71	0.54	
14:15	1260	2700	-7.74	0.51	
	1320	2760	-7.78	0.47	
16:15	1380	2820	-7.83	0.42	
17:15	1440	2880	-7.85	0.40	
19:15	1500	3000	-7.90	0.35	
	1680	3120	-7.93	0.32	
23:15	1800	3240	-7.96	0.29	
	1920	3360	-7.99	0.26	
3:15	2040	3480	-8.02	0.23	
	2160	3600	-8.05	0.20	
7:15	2280	3720	-8.08	0.17	
	2400	3840	-8.10	0.15	
11:15	2520	3960	-8.12	0.13	
13:15	2640	4080	-8.15	0.10	

DATA SHEET OF PUMPING TEST

WELL NO: EX-8 LOCATION: BHIMNAGAR GL:
 STATUS: RECOVERY TEST PUMP SETTING: DEPTH (m):
 SCREEN: 167-173, 178-193 = 21m DATE:
 DISCHARGE: 4,333.0 m³/day for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
15:15	2760		-8.18	0.07	
17:15	2880		-8.2	0.05	
19:15	3000		-8.22	0.03	
21:15	3120		-8.24	0.01	
23:15	3240		-8.25	0.00	
1:15	3400		-8.25	0.00	

DATA SHEET OF PUMPING TEST

WELL NO: EX-9 LOCATION: BIRTA BAZAR GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: 28.0m
 SCREEN: 149-152, 157-163, 177-183, 191-197 = 21m
 POSITION: EX hole only (1/3)

ELAPSED TIME (min)	First Stage Q= 9.84% (850.2 m ³ /day)			Second Stage Q= 20.5% (1771.2 m ³ /day)			Third Stage Q= 30.28% (2616 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0.00	17:00	7.34	0.00	20:00	9.90	2.36	23:05	13.92	6.58
0.50		8.87	1.53		12.54	5.20		16.90	9.56
1.00		9.13	1.79		12.76	5.44		17.35	10.04
1.50		9.20	1.86		12.93	5.59		17.65	10.31
2.00		9.23	1.89		12.95	5.61		17.80	10.46
2.50		9.25	1.91		12.98	5.64		17.86	10.52
3.00		9.29	1.95		13.02	5.68		17.94	10.60
4.00		9.30	1.96		13.04	5.70		17.99	10.65
5.00	17:05	9.33	1.99	20:05	13.09	5.75	23:11	18.04	10.70
6.00		9.35	2.01		13.12	5.78		18.07	10.73
7.00		9.36	2.04		13.15	5.81		18.10	10.76
8.00		9.40	2.06		13.16	5.83		18.13	10.79
9.00		9.42	2.08		13.19	5.85		18.15	10.81
10.00	17:10	9.44	2.10	20:10	13.21	5.87	23:15	18.20	10.86
11.00		9.48	2.14		13.24	5.90		18.28	10.94
12.00		9.51	2.17		13.25	5.91		18.32	10.98
13.00		9.54	2.20		13.26	5.92		18.36	11.04
14.00		9.56	2.22		13.27	5.93		18.43	11.09
15.00	17:15	9.57	2.23	20:15	13.31	5.97	23:20	18.45	11.11
20.00		9.59	2.25		13.34	6.00		18.49	11.15
25.00		9.61	2.27		13.39	6.05		18.54	11.20
30.00	17:30	9.63	2.29	20:30	13.44	6.10	23:35	18.57	11.23
40.00		9.65	2.31		13.47	6.13		18.63	11.29
50.00		9.67	2.33		13.50	6.16		18.76	11.42
60.00	18:00	9.68	2.34	21:00	13.54	6.20	0:05	18.84	11.50
70.00		9.69	2.35		13.60	6.26		18.94	11.60
80.00		9.72	2.38		13.65	6.31		19.00	11.66
90.00	18:30	9.73	2.39	21:30	13.70	6.36	0:35	19.04	11.70
100.00		9.76	2.42		13.73	6.39		19.09	11.75
110.00		9.78	2.44		13.76	6.42		19.13	11.79
120.00	19:00	9.80	2.46	22:00	13.79	6.45	1:05	19.16	11.82
140.00		9.84	2.50		13.82	6.48		19.21	11.87
160.00		9.86	2.52		13.86	6.52		19.24	11.90
180.00	20:00	9.90	2.56	23:00	13.92	6.58	2:05	19.30	11.96

Remarks: MP is 0.58m above GL and static water level is 6.76m below GL.

DATA SHEET OF PUMPING TEST

WELL NO: EX-9 LOCATION: BIRTA BAZAR GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: 28.0m
 SCREEN: 149-152, 157-163, 177-183, 191-197 = 21m
 POSITION: EX hole only (2/3)

ELAPSED TIME (min)	Fourth Stage Q= 34.8% (3003.6 m ³ /day)			Fifth Stage Q= 30.3% (2616.2 m ³ /day)			Sixth Stage Q= 24.7% (2135.8 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0.00	2:05	19.80	12.46	5:05	22.67	15.33	8:10	20.45	13.11
0.50		21.62	14.28		21.27	13.93		18.15	10.81
1.00		21.67	14.33		21.15	13.81		18.08	10.74
1.50		21.74	14.40		21.06	13.74		18.07	10.73
2.00		21.76	14.42		21.00	13.66		18.05	10.71
2.50		21.79	14.45		20.97	13.63		18.03	10.69
3.00		21.83	14.49		20.94	13.60		18.02	10.68
4.00		21.85	14.51		20.92	13.58		18.01	10.67
5.00	2:10	21.90	14.56	5:10	20.89	13.55	8:15	18.01	10.67
6.00		21.91	14.57		20.87	13.53		18.01	10.67
7.00		21.92	14.58		20.85	13.51		18.01	10.67
8.00		21.94	14.60		20.83	13.49		18.00	10.66
9.00		21.98	14.64		20.82	13.48		17.99	10.65
10.00	2:15	22.00	14.66	5:15	20.80	13.46	8:20	17.99	10.65
11.00		22.01	14.67		20.79	13.45		17.98	10.64
12.00		22.02	14.69		20.78	13.44		17.98	10.64
13.00		22.05	14.71		20.75	13.41		17.97	10.63
14.00		22.06	14.72		20.73	13.39		17.96	10.62
15.00		22.07	14.73		20.70	13.36		17.95	10.61
20.00	2:25	22.09	14.75	5:25	20.69	13.35	8:30	17.94	10.60
25.00		22.11	14.77		20.67	13.33		17.93	10.59
30.00	2:35	22.20	14.86	5:35	20.65	13.31	8:40	17.91	10.57
40.00		22.27	14.93		20.63	13.29		17.89	10.55
50.00		22.34	15.00		20.62	13.28		17.88	10.54
60.00	3:05	22.41	15.07	6:05	20.60	13.26	9:10	17.87	10.53
70.00		22.43	15.09		20.58	13.24		17.86	10.52
80.00		22.45	15.11		20.56	13.22		17.85	10.51
90.00	3:35	22.48	15.14	6:35	20.53	13.19	9:40	17.85	10.51
100.00		22.50	15.16		20.51	13.17		17.85	10.51
110.00		22.52	15.18		20.49	13.15		17.85	10.51
120.00	4:05	22.57	15.23	7:05	20.48	13.14	10:10	17.84	10.50
140.00		22.62	15.28		20.47	13.13		17.84	10.50
160.00		22.65	15.31		20.46	13.12		17.83	10.49
180.00	5:05	22.67	15.33	8:05	20.45	13.11	11:10	17.82	10.48

Remarks: MP is 0.58m above GL and static water level is 6.76m below GL.

DATA SHEET OF PUMPING TEST

WELL NO: EX-9 LOCATION: BIRTA BAZAR GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: 28.0m
 SCREEN: 149-152, 157-163, 177-183, 191-197 = 21m
 POSITION: EX hole only (3/3)

ELAPSED TIME (min)	Seventh Stage Q= 15.06% (1301.2m ³ /day)			Recovery Q= 0 (Stop Pump)			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0.00	11:10	17.82	10.48	14:10	13.50	6.16	17:10	8.08	0.71
0.50		14.49	7.15		10.11	2.77	17:40	8.03	0.69
1.00		14.25	6.91		9.96	2.64	18:10	8.00	0.66
1.50		14.16	6.82		9.75	2.41	18:40	7.95	0.61
2.00		14.09	6.75		9.68	2.34	19:10	7.90	0.56
2.50		14.04	6.70		9.60	2.26	19:40	7.86	0.52
3.00		14.00	6.66		9.58	2.24	20:10	7.84	0.50
4.00		13.96	6.64		9.54	2.20	21:10	7.77	0.43
5.00	11:35	13.96	6.62	14:15	9.50	2.16	22:10	7.75	0.41
6.00		13.93	6.59		9.45	2.11	23:10	7.73	0.39
7.00		13.91	6.57		9.39	2.05	0:10	7.70	0.36
8.00		13.88	6.54		9.34	2.00	1:10	7.66	0.32
9.00		13.85	6.51		9.30	1.96	2:10	7.64	0.30
10.00	11:20	13.83	6.49	14:20	9.25	1.91	3:10	7.61	0.27
11.00		13.81	6.47		9.20	1.86	4:10	7.59	0.25
12.00		13.79	6.45		9.16	1.83	5:10	7.58	0.24
13.00		13.77	6.43		9.11	1.77	6:10	7.55	0.21
14.00		13.75	6.41		9.06	1.72	7:10	7.53	0.19
15.00		13.74	6.40		8.98	1.64			
20.00	11:30	13.72	6.38	14:30	8.92	1.56			
25.00		13.70	6.36		8.85	1.51			
30.00	11:40	13.69	6.35	14:40	8.83	1.51			
40.00		13.68	6.34		8.50	1.16			
50.00		13.67	6.33		8.42	1.08			
60.00	12:10	13.66	6.32	15:10	8.37	1.03			
70.00		13.64	6.30		8.34	1.00			
80.00		13.63	6.29		8.30	0.96			
90.00	12:40	13.60	6.26	15:40	8.26	0.92			
100.00		13.58	6.24		8.24	0.90			
110.00		13.56	6.22		8.20	0.86			
120.00	13:10	13.55	6.21	16:10	8.17	0.83			
140.00		13.53	6.19		8.15	0.81			
160.00		13.51	6.17		8.10	0.76			
180.00	14:10	13.50	6.16	17:10	8.05	0.71			

Remarks: MP is 0.58m above GL and static water level is 6.76m below GL.

DATA SHEET OF PUMPING TEST

WELL NO: EX-9 LOCATION: BIRTA BAZAR GL: DEPTH (m): 200m
 STATUS: CONSTANT DISC. PUMP SETTING: 28M
 SCREEN: 149-152, 157-163, 177-183, 191-197 = 21m
 DATE: (1/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
15:00	0	7.44	0.00	30.3	2.616.2	
	0.5	18.40	10.96			SWL = 6.80m bgl. MP is 0.58m bgl.
	1	18.55	11.11			
	1.5	18.70	11.26			
	2	18.85	11.41			
	2.5	18.94	11.50			
	3	18.96	11.52			
	3.5	18.97	11.53			
	4	18.99	11.53			
15:05	5	19.00	11.56			
	6	19.10	11.66			
	7	19.15	11.71			
	8	19.21	11.77			
	9	19.26	11.82			
15:10	10	19.28	11.84			
	11	19.31	11.87			
	12	19.38	11.94			
	13	19.42	11.98			
	14	19.44	12.00			
	15	19.48	12.04			
15:20	20	19.72	12.28			
15:30	30	20.17	12.73			
	40	20.45	13.01			
16:00	60	20.53	13.09			
	75	20.71	13.27			
16:30	90	20.86	13.42			
	105	20.99	13.55			
17:00	120	21.01	13.57			
	135	21.04	13.60			
	150	21.10	13.66			
	165	21.13	13.69			

DATA SHEET OF PUMPING TEST

WELL NO: EX-9 LOCATION: BIRTA BAZAR GL: DEPTH (m): 200m
 STATUS: CONSTANT DISC. PUMP SETTING: 28M DATE:
 SCREEN: 149-152, 157-163, 177-183, 191-197 = 21m

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
19:00	240	21.25	13.81	30.28	2616.19	SWL = 6.86m bgl.
	270	21.31	13.87			MP is 0.58m a.g.l.
20:00	300	21.40	13.96			
	330	21.46	14.02			
21:00	360	21.50	14.06			
	390	21.55	14.11			
22:00	420	21.65	14.21			
	450	21.70	14.26			
23:00	480	21.71	14.27			
	510	21.77	14.33			
24:00	540	22.04	14.60			
	570	22.05	14.61			
2:00	600	22.06	14.62			
	630	22.07	14.63			
3:00	660	22.11	14.67			
	690	22.13	14.69			
4:00	720	22.16	14.72			
	750	22.17	14.73			
5:00	780	22.19	14.75			
	810	22.23	14.79			
6:00	840	22.25	14.81			
	870	22.27	14.83			
7:00	900	22.28	14.84			h=8.8 BC=150, T=27.6
	930					
8:00	960					
	990					
9:00	1020					
	1050					
10:00	1080					
	1110					
11:00	1140					
	1170					
12:00	1200					
	1230					
13:00	1260					
	1290					
14:00	1320					
	1350					
15:00	1380					
	1410					
16:00	1440					
	1470					
17:00	1500					
	1530					
18:00	1560					
	1590					
19:00	1620					

DATA SHEET OF PUMPING TEST

WELL NO: EX-9 LOCATION: BIRTA BAZAR GL: DEPTH (m): 200m
 STATUS: RECOVERY TEST PUMP SETTING: 28.0m DATE:
 SCREEN: 149-152, 157-163, 177-183, 191-197 = 21m
 DISCHARGE: 30.3 l/s (2,616.2 m³/day) for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
15:00	0	140	22.38	14.84	SWL = 6.86m bgl.
	0.5	140.5	14.30	6.86	MP is 0.58m a.g.l.
	1	141	11.95	4.54	
	1.5	141.5	11.90	4.46	
	2	142	11.18	3.74	
	2.5	142.5	10.99	3.55	
	3	143	10.90	3.46	
	4	144	10.79	3.35	
15:05	5	145	10.64	3.20	
	6	146	10.52	3.08	
	7	147	10.41	2.97	
	8	148	10.36	2.92	
	9	149	10.25	2.81	
15:10	10	150	10.21	2.77	
	11	151	10.18	2.74	
	12	152	10.14	2.70	
	13	153	10.09	2.65	
	14	154	10.05	2.61	
	15	155	9.99	2.55	
15:20	20	160	9.85	2.41	
	25	165	9.75	2.31	
15:30	30	170	9.64	2.20	
	40	180	9.45	2.01	
	50	190	9.23	1.89	
16:00	60	190	9.23	1.79	
	70	191	9.16	1.72	
	80	192	9.09	1.65	
	90	193	9.02	1.58	
	100	194	8.98	1.54	
	110	195	8.92	1.48	
17:00	120	196	8.87	1.43	
	130	197	8.79	1.35	
	140	198	8.72	1.28	
18:00	150	199	8.66	1.22	

DATA SHEET OF PUMPING TEST

WELL NO: EX-9 LOCATION: BIRTA BAZAR GL: DEPTH (m): 200m
 STATUS: RECOVERY TEST PUMP SETTING: 28.0m DATE:
 SCREEN: 149-152, 157-163, 177-183, 191-197 = 21m
 DISCHARGE: 30.3 l/s (2,616.2 m³/day) for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
18:30	210	1650	8.56	1.12	SWL = 6.86m bgl.
19:00	240	1680	8.52	1.08	MP is 0.58m a.g.l.
	270	1710	8.49	0.96	
20:00	300	1740	8.35	0.91	
	330	1770	8.29	0.85	
21:00	360	1800	8.23	0.79	
	390	1830	8.18	0.74	
22:00	420	1860	8.13	0.69	
	450	1890	8.09	0.65	
2:00	480	1920	8.05	0.61	
	510	1950	8.01	0.57	
3:00	540	1980	7.95	0.51	
	570	2010	7.91	0.47	
4:00	600	2040	7.89	0.45	
	630	2070	7.87	0.43	
5:00	660	2100	7.86	0.42	
	690	2130	7.85	0.41	
6:00	720	2160	7.84	0.40	
	750	2190	7.83	0.39	
7:00	780	2220	7.82	0.38	
	810	2250	7.80	0.36	
8:00	840	2280	7.78	0.34	
	870	2310	7.77	0.33	
9:00	900	2340	7.76	0.32	
	930	2370	7.73	0.29	
10:00	960	2400	7.70	0.26	
	990	2430	7.67	0.23	
11:00	1020	2460	7.65	0.21	
	1050	2490	7.63	0.19	
12:00	1080	2520	7.61	0.17	
	1110	2550	7.59	0.15	
13:00	1140	2580	7.56	0.12	
	1170	2610	7.54	0.10	
14:00	1200	2640	7.52	0.08	

DATA SHEET OF PUMPING TEST

WELL NO: EX-9 LOCATION: BIRTA BAZAR GL: DEPTH (m): 200m
 STATUS: RECOVERY TEST PUMP SETTING: 28.0m DATE:
 SCREEN: 149-152, 157-163, 177-183, 191-197 = 21m
 DISCHARGE: 30.3 l/s (2,616.2 m³/day) for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
13:00	2700	4200	7.50	0.08	SWL = 6.86m bgl.
15:00	2850	4320	7.48	0.04	MP is 0.58m a.g.l.
17:00	3000	4440	7.46	0.02	
19:00	3120	4560	7.44	0.00	

DATA SHEET OF PUMPING TEST

WELL NO: EX-10 LOCATION: BHALUBATHAN GL: 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 29.0m DEPTH (m): 150m
 SCREEN: 100--112, 128--134 = 18m DATE:
 POSITION: 31.7m apart from Ob--4 (1/2)

ELAPSED TIME (min)	First Stage Q= 16 1/2 (1,382 m ³ /day)			Second Stage Q= 20 1/2 (1,728 m ³ /day)			Third Stage Q= 30 1/2 (2,592 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	7:00	2.52	0.00	10:00	6.61	4.09	13:00	7.66	5.14
0.5		6.15	3.63		7.38	4.86		10.28	7.76
1		6.24	3.72		7.42	4.90		10.34	7.82
1.5		6.32	3.80		7.44	4.92		10.37	7.85
2		6.33	3.81		7.45	4.93		10.38	7.86
2.5		6.34	3.82		7.46	4.94		10.39	7.87
3		6.35	3.83		7.47	4.95		10.41	7.89
4		6.35	3.83		7.50	4.98		10.43	7.91
5	7:05	6.36	3.84	10:05	7.52	5.00	13:05	10.44	7.92
6		6.37	3.85		7.53	5.01		10.47	7.95
7		6.38	3.86		7.53	5.01		10.48	7.96
8		6.39	3.87		7.54	5.02		10.49	7.97
9		6.41	3.89		7.56	5.04		10.50	7.98
10	7:10	6.42	3.90	10:10	7.55	5.03	13:10	10.51	7.99
11		6.43	3.91		7.55	5.03		10.52	8.00
12		6.44	3.92		7.55	5.03		10.52	8.00
13		6.45	3.93		7.55	5.03		10.53	8.01
14		6.46	3.94		7.57	5.05		10.53	8.01
15		6.47	3.95		7.56	5.04		10.53	8.01
20	7:20	6.49	3.97	10:20	7.56	5.04	13:20	10.55	8.03
25		6.53	4.00		7.56	5.04		10.57	8.05
30	7:30	6.53	4.01	10:30	7.57	5.05	13:30	10.59	8.07
40		6.55	4.03		7.57	5.05		10.61	8.09
50		6.56	4.04		7.58	5.06		10.62	8.10
60	8:00	6.56	4.04	11:00	7.58	5.06	14:00	10.64	8.12
70		6.58	4.06		7.59	5.07		10.65	8.13
80		6.59	4.07		7.59	5.07		10.65	8.13
90	8:30	6.59	4.07	11:30	7.60	5.08	14:30	10.65	8.13
100		6.60	4.08		7.61	5.09		10.66	8.14
110		6.60	4.08		7.62	5.10		10.66	8.14
120	9:00	6.61	4.09	12:00	7.63	5.11	15:00	10.66	8.14
140		6.61	4.09		7.64	5.12		10.66	8.14
160		6.61	4.09		7.65	5.13		10.66	8.14
180	10:00	6.61	4.09	13:00	7.66	5.14	16:00	10.67	8.15

Remarks: MP is 0.33m aq. and SWL is 2.19m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: EX-10 LOCATION: BHALUBATHAN GL: 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 29.0m DEPTH (m): 150m
 SCREEN: 100--112, 128--134 = 18m DATE:
 POSITION: 31.7m apart from Ob--4 (1/2)

ELAPSED TIME (min)	Fourth Stage Q= 40 1/2 (3,456 m ³ /day)			Fifth Stage Q= 55 1/2 (4,824 m ³ /day)			Sixth Stage Q= 75 1/2 (6,600 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	16:00	10.67	8.15	19:00	13.92	11.40	22:00	11.30	8.78
0.5		12.96	10.44		12.80	10.28		9.70	7.18
1		13.22	10.70		12.65	10.13		9.60	7.08
1.5		13.27	10.75		12.50	9.98		9.56	7.04
2		13.32	10.80		12.40	9.88		9.55	7.03
2.5		13.33	10.81		12.30	9.78		9.53	7.01
3		13.36	10.84		12.20	9.68		9.52	7.00
4		13.37	10.85		12.15	9.63		9.51	6.99
5	16:05	13.41	10.89	19:05	12.10	9.58	22:05	9.51	6.99
6		13.45	10.93		12.00	9.48		9.50	6.98
7		13.48	10.96		11.90	9.47		9.49	6.97
8		13.50	10.98		11.87	9.45		9.49	6.97
9		13.53	11.01		11.85	9.43		9.48	6.96
10	16:10	13.55	11.03	19:10	11.80	9.36	22:10	9.47	6.95
11		13.58	11.06		11.85	9.33		9.46	6.94
12		13.60	11.08		11.80	9.28		9.46	6.94
13		13.61	11.09		11.77	9.25		9.46	6.94
14		13.62	11.10		11.75	9.23		9.45	6.93
15		13.62	11.10		11.73	9.21		9.45	6.93
20	16:20	13.63	11.11	19:20	11.71	9.19	22:20	9.45	6.93
25		13.65	11.13		11.69	9.17		9.45	6.93
30	16:30	13.69	11.17	19:30	11.66	9.14	22:30	9.45	6.93
40		13.73	11.21		11.63	9.11		9.45	6.93
50		13.74	11.22		11.60	9.08		9.45	6.93
60	17:00	13.76	11.24	20:00	11.56	9.04	23:00	9.46	6.94
70		13.77	11.25		11.51	8.99		9.47	6.95
80		13.78	11.26		11.47	8.95		9.47	6.95
90		13.79	11.27		11.42	8.90		9.46	6.96
100		13.82	11.30		11.39	8.87		9.46	6.96
110		13.85	11.33		11.37	8.85		9.48	6.96
120	18:00	13.87	11.35	21:00	11.35	8.83	24:00	9.46	6.96
140		13.88	11.36		11.33	8.81		9.48	6.96
160		13.89	11.37		11.32	8.80		9.49	6.97
180	19:00	13.92	11.40	22:00	11.30	8.78	1.00	9.49	6.97

Remarks: MP is 0.33m aq. and SWL is 2.19m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: EX-10 LOCATION: BHALUBATHAN GL: 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 29m DEPTH (m): 150m
 SCREEN: 100--112, 128--134 = 18m DATE:
 POSITION: 31.70m apart from Ob--4 (1/2)

ELAPSED TIME (min)	Seventh Stage Q= 16 1/2 (1,382 m ³ /day)			Recovery Q= 0 (Stop Pump)			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0	1:00	9.49	6.97	4:00	6.62	4.10	7:20	2.59	0.07
0.5		7.66	5.14		4.09	1.57	8:0	2.59	0.07
1		7.44	4.92		3.97	1.45	8:30	2.58	0.06
1.5		7.35	4.83		3.95	1.43	9:00	2.57	0.05
2		7.26	4.74		3.94	1.42	9:30	2.57	0.05
2.5		7.15	4.63		3.93	1.41	10:00	2.56	0.04
3		7.08	4.56		3.90	1.38	11:00	2.56	0.04
4		7.03	4.51		3.90	1.38	12:00	2.55	0.03
5	1:05	6.96	4.46	4:05	3.90	1.38	13:00	2.55	0.03
6		6.96	4.46		3.88	1.36	14:00	2.55	0.03
7		6.98	4.46		3.85	1.33	15:00	2.55	0.03
8		6.96	4.46		3.84	1.32	16:00	2.55	0.03
9		6.90	4.38		3.81	1.29	17:00	2.54	0.02
10	1:10	6.78	4.26	4:10	3.80	1.28	18:00	2.54	0.02
11		6.77	4.25		3.00	0.48	19:00	2.54	0.02
12		6.77	4.25		2.98	0.46	20:00	2.54	0.02
13		6.76	4.24		2.97	0.45	22:00	2.54	0.02
14		6.73	4.23		2.92	0.40	0:00	2.53	0.01
15		6.74	4.22		2.83	0.31	1:00	2.53	0.01
20	1:20	6.73	4.21	4:20	2.72	0.20	2:00	2.53	0.01
25		6.72	4.20		2.70	0.18	4:00	2.53	0.01
30	1:30	6.71	4.19	4:30	2.68	0.16	6:00	2.53	0.01
40		6.69	4.17		2.67	0.15	8:00	2.53	0.01
50		6.68	4.16		2.66	0.14	10:00	2.52	0.00
60	2:00	6.67	4.15	5:00	2.65	0.13			
70		6.67	4.15		2.64	0.12			
80		6.67	4.15		2.63	0.11			
90		6.67	4.15		2.62	0.10			
100		6.67	4.15		2.61	0.09			
110		6.67	4.15		2.61	0.09			
120	3:00	6.67	4.15	6:00	2.60	0.08			
140		6.66	4.14		2.60	0.08			
160		6.64	4.12		2.60	0.08			
180	4:00	6.62	4.10	7:00	2.60	0.07			

Remarks: MP is 0.33m above GL and static water level is 2.52m below MP. The SWL is 2.19m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: EX-10 LOCATION: BHALUBATHAN GL: 150m
 STATUS: CONSTANT DISC. PUMP SETTING: 29m DEPTH (m): 150m
 SCREEN: 100--112, 128--134 = 18m DATE:
 POSITION: 31.70m apart from Ob--4 (1/2)

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /Day)	REMARKS
13:00						
	0	2.52	0.00	40.0	3,456.0	SWL = 2.19m bgl.
	0.5	12.14	9.62			(MP is 0.33m aq.)
	1	12.50	9.98			
	1.5	12.55	10.03			
	2	12.76	10.24			
	2.5	12.85	10.33			
	3	12.94	10.42			
	3.5	13.03	10.51			
	4	13.05	10.53			
13:05	5	13.12	10.60			
	6	13.28	10.76			
	7	13.30	10.78			
	8	13.37	10.85			
	9	13.44	10.92			
13:10	10	13.48	10.96			
	11	13.56	11.04			
	12	13.61	11.09			
	13	13.64	11.12			
	14	13.66	11.14			
	15	13.67	11.15			
13:20	20	13.79	11.27			
	25	13.92	11.40			
13:30	30	13.99	11.47			
	45	14.03	11.51			
14:00	60	14.06	11.54			
	75	14.10	11.58			
14:30	90	14.12	11.60			
	105	14.14	11.62			
15:00	120	14.15	11.63			
	135	14.18	11.66			
	150	14.18	11.66			
	165	14.19	11.67			
16:00	180	14.19	11.67			
16:30	210	14.20	11.68			

DATA SHEET OF PUMPING TEST

WELL NO: EX-10 LOCATION: SARANAMATI GL: DEPTH (m): 150m
 STATUS: CONSTANT DISC. PUMP SETTING: 29m DATE:
 SCREEN: 100-112,120-134 = 18m

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DIFF- (m ² /Day)	REMARKS
	240	1423	11.71	400	3,456.0	SWL = 2.19m bgl.
	270	1424	11.72			(MP is 0.31m sgl.)
	300	1425	11.73			
	330	1425	11.73			
	360	1428	11.76			
	420	1430	11.78			
	480	1431	11.79			
	540	1433	11.81			
	600	1434	11.82			
	660	1434	11.82			
	720	1437	11.85			
	780	1438	11.86			
	840	1439	11.87			
	900	1440	11.88			
	960	1442	11.90			
	1020	1443	11.91			
	1080	1443	11.91			
	1140	1443	11.91			
	1200	1443	11.91			
	1260	1443	11.91			
	1320	1443	11.91			
	1380	1444	11.92			
	1440	1443	11.91			
	1560					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-10 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: RECOVERY TEST PUMP SETTING: 29m DATE:
 SCREEN: 100-112, 128-134 = 18m.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT.	REMARKS
13:00	0	1440.00	14.43	11.91	ERR	SWL = 2.19m below GL
	0.5	1440.50	4.23	1.71	2661.00	(2.52m below MP)
	1	1441.00	3.76	1.24	1443.00	
	1.5	1441.50	3.45	0.93	961.00	
	2	1442.00	3.34	0.82	721.00	
	2.5	1442.50	3.28	0.76	577.00	
	3	1443.00	3.26	0.74	451.00	
	4	1444.00	3.25	0.73	361.00	
13:05	5	1445.00	3.20	0.68	289.00	
	6	1446.00	3.17	0.65	241.00	
	7	1447.00	3.12	0.60	206.71	
	8	1448.00	3.11	0.59	181.00	
	9	1449.00	3.08	0.56	161.00	
13:10	10	1450.00	3.05	0.53	145.00	
	11	1451.00	3.03	0.51	131.91	
	12	1452.00	2.99	0.47	121.00	
	13	1453.00	2.97	0.45	111.77	
	14	1454.00	2.95	0.43	103.86	
	15	1455.00	2.93	0.41	97.00	
13:20	20	1460.00	2.89	0.37	73.00	
	25	1465.00	2.87	0.35	58.60	
13:30	30	1470.00	2.85	0.33	49.00	
	40	1480.00	2.83	0.31	37.00	
	50	1490.00	2.81	0.29	29.80	
14:00	60	1500.00	2.77	0.25	23.00	
	70	1510.00	2.75	0.23	21.57	
	80	1520.00	2.73	0.21	19.00	
	90	1530.00	2.71	0.19	17.00	
	100	1540.00	2.69	0.17	15.40	
	110	1550.00	2.67	0.15	14.09	
15:00	120	1560.00	2.65	0.13	13.00	
	140	1580.00	2.63	0.11	11.29	
	160	1600.00	2.61	0.09	10.00	
16:00	180	1620.00	2.61	0.09	9.00	

DATA SHEET OF PUMPING TEST

WELL NO: EX-10 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: RECOVERY TEST PUMP SETTING: 29m DATE:
 SCREEN: 100-112, 128-134 = 18m.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT.	REMARKS
	210	1650	2.60	0.08	7.66	SWL = 2.19m below GL
17:00	240	1680	2.60	0.08	7.00	(2.52m below MP)
	270	1710	2.60	0.08	6.33	
18:00	300	1740	2.59	0.07	5.80	
	330	1770	2.59	0.07	5.36	
19:00	360	1800	2.59	0.07	5.00	
	420	1860	2.59	0.07	4.43	
21:00	480	1920	2.58	0.06	4.00	
	540	1980	2.57	0.05	3.67	
23:00	600	2040	2.56	0.04	3.40	
0:00	660	2100	2.55	0.03	3.18	
	720	2160	2.54	0.02	3.00	
2:00	780	2220	2.53	0.01	2.85	
	840	2280	2.53	0.01	2.71	
4:00	900	2340	2.52	0.00	2.60	
	960	2400	2.52	0.00	2.50	
6:00	1020	2460	2.52	0.00	2.41	
	1080					
	1140					
	1200					
	1260					
	1320					
	1380					
	1440					
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					

DATA SHEET OF PUMPING TEST

WELL NO: EX-11 LOCATION: BALUA GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 38m DATE:
 SCREEN: 94-97,99-102,104-107,110-113,127-130 = 15m.

ELAPSED TIME (min)	First Stage Q = 12.0 l/s (1,036 m ³ /day)			Second Stage Q = 15.0 l/s (1,296 m ³ /day)			Third Stage Q = 18.0 l/s (1,555.2 m ³ /day)		
	TIME	WATER LEVEL (m)	DRAW-DOWN (m)	TIME	WATER LEVEL (m)	DRAW-DOWN (m)	TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	14:00	-3.10	0.00	17:00	16.03	18.13	20:00	19.20	22.30
0.5		8.85	11.95		16.07	19.17		21.22	24.32
1		10.12	13.22		16.10	19.20		21.26	24.36
1.5		11.30	14.40		16.14	19.24		21.29	24.39
2		12.00	15.10		16.17	19.27		21.31	24.41
2.5		12.40	15.50		16.20	19.30		21.35	24.45
3		12.80	15.90		16.23	19.33		21.38	24.48
4		13.00	16.10		16.27	19.37		21.40	24.50
5	14:05	13.15	16.25	17:05	16.31	19.41	20:05	21.42	24.52
6		13.35	16.45		16.35	19.45		21.44	24.54
7		13.45	16.55		16.40	19.50		21.45	24.55
8		13.54	16.64		16.45	19.55		21.47	24.57
9		13.63	16.73		16.50	19.60		21.48	24.58
10	14:10	13.70	16.80	17:10	16.55	19.65	20:10	21.50	24.60
11		13.75	16.85		16.60	19.70		21.52	24.62
12		13.81	16.91		16.67	19.77		21.54	24.64
13		13.89	16.99		16.70	19.80		21.56	24.66
14		13.94	17.04		16.80	19.90		21.58	24.68
15		13.99	17.09		16.89	19.99		21.60	24.70
20	14:20	14.05	17.15	17:20	17.10	20.20	20:20	21.62	24.72
25		14.09	17.19		17.30	20.40		21.65	24.75
30	14:30	14.19	17.29	17:30	17.45	20.55	20:30	21.68	24.78
40		14.29	17.39		17.85	20.95		21.70	24.80
50		14.38	17.48		17.85	20.95		21.72	24.82
60	15:00	14.49	17.59	18:00	18.09	21.19	21:00	21.74	24.84
70		14.60	17.70		18.29	21.39		21.75	24.85
80		14.78	17.88		18.41	21.51		21.78	24.88
90	15:30	14.94	18.04	18:30	18.59	21.69	21:30	21.80	24.90
100		15.20	18.30		18.67	21.77		21.81	24.91
110		15.40	18.50		18.72	21.82		21.83	24.93
120	16:00	15.55	18.65	19:00	18.79	21.89	22:00	21.84	24.94
140		15.70	18.80		18.90	22.00		21.85	24.95
160		15.85	18.95		19.06	22.16		21.86	24.96
180	17:00	16.03	19.13	20:00	19.20	22.30	23:00	21.87	24.97

Remarks: SWL is 3.10m above MP, MP is 0.40m above GL. The SWL is 3.5m above GL.

DATA SHEET OF PUMPING TEST

WELL NO: EX-11 LOCATION: BALUA GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 38m. DATE:
 SCREEN: 94-97,99-102,104-107,110-113,127-130 = 15m.
 POSITION: EX hole only (2/3)

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	23:00	21.87	24.97	2:00	27.65	30.75	5:00	22.06	25.16
0.5		24.97	28.07		27.99	31.09		21.90	25.00
1		25.23	28.32		23.95	27.05		21.80	24.90
1.5		25.32	28.42		23.86	26.96		21.70	24.80
2		25.43	28.53		23.80	26.90		21.69	24.79
2.5		25.49	28.59		23.78	26.88		21.50	24.60
3		25.58	28.68		23.75	26.85		21.35	24.45
4		25.63	28.73		23.69	26.79		21.28	24.38
5	23:05	25.70	28.80	2:05	23.62	26.72	5:05	21.25	24.35
6		25.75	28.85		23.56	26.66		21.23	24.33
7		25.84	28.94		23.50	26.60		21.20	24.30
8		25.91	29.01		23.45	26.55		21.19	24.29
9		26.00	29.10		23.41	26.51		21.18	24.28
10	23:10	26.09	29.19	2:10	23.36	26.46	5:10	21.17	24.27
11		26.16	29.26		23.31	26.41		21.16	24.26
12		26.20	29.30		23.24	26.34		21.15	24.25
13		26.26	29.36		23.18	26.28		21.14	24.24
14		26.29	29.39		23.12	26.22		21.13	24.23
15		26.34	29.44		23.07	26.17		21.12	24.22
20	23:20	26.46	29.56	2:20	23.01	26.11	5:20	20.99	24.09
25		26.58	29.68		22.92	26.02		20.93	24.03
30	23:30	26.78	29.88	2:30	22.82	25.92	5:30	20.84	23.94
40		26.89	29.99		22.74	25.84		20.60	23.70
50		26.92	30.02		22.66	25.76		20.40	23.50
60	0:00	27.24	30.34	3:00	22.57	25.67	6:00	20.38	23.48
70		27.40	30.50		22.49	25.59		20.32	23.42
80		27.50	30.60		22.48	25.58		20.30	23.40
90	0:30	27.55	30.65	3:30	22.50	25.60	6:30	20.27	23.37
100		27.60	30.70		22.26	25.36		20.24	23.34
110		27.63	30.73		22.22	25.32		20.21	23.31
120	1:00	27.64	30.74	4:00	22.17	25.27	7:00	19.91	23.01
140		27.65	30.75		22.14	25.24		19.87	22.97
160		27.65	30.75		22.10	25.20		19.76	22.86
180	2:00	27.65	30.75	5:00	22.06	25.16	8:00	19.73	22.83

Remarks: SWL is 3.10m above MP, MP is 0.40m above GL. This SWL is 3.5m above GL.

DATA SHEET OF PUMPING TEST

WELL NO: EX-11 LOCATION: BALUA GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 38m. DATE:
 SCREEN: 94-97,99-102,104-107,110-113,127-130 = 15m.
 POSITION: EX hole only (2/3)

ELAPSED TIME (min)	Seventh Stage			Recovery		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	8:00	19.75	22.85	11:00	12.40	35.50
0.5		19.35	22.45	11:05	10.35	33.45
1		19.02	22.12	11:01	9.01	32.11
1.5		16.68	19.78	11:015	8.02	31.12
2		16.35	19.45	11:02	6.44	29.54
2.5		15.99	19.09	11:025	4.11	27.21
3		15.64	18.74	11:03	2.13	25.23
4		15.30	18.40	11:04	0.99	24.03
5	8:05	15.00	18.10	11:06	-3.10	0.00
6		14.70	17.80			
7		14.45	17.55			
8		14.15	17.25			
9		13.90	17.00			
10	8:10	13.60	16.70			
11		13.30	16.40			
12		12.04	15.14			
13		12.89	15.99			
14		12.70	15.80			
15		12.60	15.70			
20	8:20	12.52	15.62			
25		12.50	15.60			
30	8:30	12.49	15.59			
40		12.48	15.58			
50		12.47	15.57			
60	9:00	12.46	15.56			
70		12.45	15.55			
80		12.44	15.54			
90	9:30	12.43	15.53			
100		12.42	15.52			
110		12.41	15.51			
120	10:00	12.40	15.50			
140		12.40	15.50			
160		12.40	15.50			
180	11:00	12.40	15.50			

Remarks: SWL is 3.10m above MP, MP is 0.40m above GL. This SWL is 3.5m above GL.

DATA SHEET OF PUMPING TEST

WELL NO: EX-11 LOCATION: BALUA GL: DEPTH (m): 150m
 STATUS: CONSTANT DISC. PUMP SETTING: 38.0m DATE:
 SCREEN: 94-97,99-102,104-107,110-113,127-130 = 15m (1/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/h)	-DITTO- (m ³ /day)	REMARKS
12:00	0	-3.10	0	200	1,728.0	SWL = 3.50m a.g.l. MP is 0.40m a.g.l.
	0.5	22.46	25.56			
	1	22.98	26.08			
	1.5	23.50	26.60			
	2	24.15	27.25			
	2.5	24.60	27.70			
	3	24.99	28.09			
	3.5	25.38	28.48			
	4	25.70	28.80			
12:05	5	25.98	29.08			
	6	26.30	29.40			
	7	26.61	29.71			
	8	26.95	30.05			
	9	27.05	30.15			
12:10	10	27.11	30.21			
	11	27.13	30.23			
	12	27.15	30.25			
	13	27.16	30.26			
	14	27.17	30.27			
	15	27.19	30.29			
12:20	20	27.24	30.34			
	25	27.28	30.38			
12:30	30	27.32	30.42			
	45	27.35	30.45			
13:00	60	27.39	30.49			
	75	27.42	30.52			
	90	27.45	30.55			
	105	27.48	30.58			
14:00	120	27.51	30.61			
	135	27.52	30.62			
	150	27.53	30.63			
	165	27.54	30.64			
15:00	180	27.54	30.64			
	210	27.55	30.65			

DATA SHEET OF PUMPING TEST

WELL NO: EX-11 LOCATION: BALUA GL: DEPTH (m): 150m
 STATUS: CONSTANT DISC. PUMP SETTING: 38.0m DATE:
 SCREEN: 94-97,99-102,104-107,110-113,127-130 = 15m (2/3)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/h)	-DITTO- (m ³ /day)	REMARKS
16:00	240	27.55	30.65			SWL = 3.50m a.g.l. MP is 0.40m a.g.l.
	270	27.56	30.66			
17:00	300	27.57	30.67			
	330	27.58	30.68			
18:00	360	27.58	30.68			
	420	27.60	30.70			
	480	27.61	30.71			
	540	27.62	30.72			
22:00	600	27.64	30.74			
	660	27.65	30.75			
0:00	720	27.66	30.76			
	780	27.68	30.78			
2:00	840	27.69	30.79			
	900	27.70	30.80			
4:00	960	27.71	30.81			
	1020	27.72	30.82			
	1080	27.72	30.82			
	1140	27.73	30.83			
8:00	1200	27.73	30.83			
	1260	27.73	30.83			
10:00	1320	27.74	30.84			
	1380	27.74	30.84			
12:00	1440	27.74	30.84			
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-11 LOCATION: BALUA GL: DEPTH (m): 150m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 94-97, 99-102, 104-107, 110-113, 127-130 = 15m
 DISCHARGE: 20.0 l/s (1,728 m³/day) for 1440 min.

TIME	ELAPSED TIME (min)	ACCUM. TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
12:00	0	1440	27.74	30.84	
	0.5	1440.5	14.39	17.49	
	1	1441	6.49	9.59	
	1.5	1441.5	4.35	7.45	
	2	1442	2.92	5.12	
	2.5	1442.5	0.49	2.59	
	3	1443	0.25	3.35	
12:04	4	1444	0.00	3.10	start flooding out
	5				
	6				from 12:05 to 12:50,
	7				withdraw of pump set
	8				and fixed stand pipe.
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	20				
	25				
	30				
	40				
	50				
	60				
	70				
	80				
	90				
	100				
	110				
	120				
	140				
	160				
	180				

DATA SHEET OF PUMPING TEST

WELL NO: EX-11 LOCATION: BALUA GL: DEPTH (m): 150m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 94-97, 99-102, 104-107, 110-113, 127-130 = 15m
 DISCHARGE: 20.0 l/s (1,728 m³/day) for 1440 min.

TIME	ELAPSED TIME (min)	ACCUM. TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
	210				
	240				
	270				
	300				
17:30	330				fixed up stand pipe
	360	1900	-2.90	0.20	resumed measuring
	390	1860	-2.95	0.15	
	420	1820	-2.98	0.12	
	450	1780	-3.02	0.08	
	480	1740	-3.05	0.05	
	510	1700	-3.06	0.04	
	540	1660	-3.07	0.03	
	570	1620	-3.08	0.02	
	600	1580	-3.09	0.01	
	630	1540	-3.10	0.00	
	660	1500	-3.10	0.00	
	690	1460			
	720	1420			
	750	1380			
	780	1340			
	810	1300			
	840	1260			
	870	1220			
	900	1180			
	930	1140			
	960	1100			
	990	1060			
	1020	1020			
	1050	980			
	1080	940			
	1110	900			
	1140	860			
	1170	820			
	1200	780			
	1230	740			
	1260	700			
	1290	660			
	1320	620			
	1350	580			
	1380	540			
	1410	500			
	1440	460			
	1470	420			
	1500	380			
	1530	340			
	1560	300			
	1590	260			
	1620	220			
	1650	180			
	1680	140			
	1710	100			
	1740	60			
	1770	20			
	1800				

DATA SHEET OF PUMPING TEST

WELL NO: EX-12 LOCATION: GHERABARI GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DATE:
 SCREEN: 123-129, 136-145 = 15m
 POSITION: EX hole only.

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	16:00	4.48	0	19:05	7.95	3.47	22:10	11.23	6.75
0.5		6.78	2.30		9.82	5.34		13.00	8.52
1		7.00	2.52		9.98	5.50		13.72	9.24
1.5		7.10	2.62		10.21	5.73		13.82	9.34
2		7.11	2.63		10.29	5.81		13.95	9.48
2.5		7.12	2.64		10.38	5.90		14.10	9.62
3		7.14	2.66		10.47	5.99		14.13	9.65
4		7.15	2.67		10.55	6.07		14.20	9.72
5	16:05	7.17	2.69	19:10	10.61	6.13	22:15	14.26	9.78
6		7.20	2.72		10.69	6.21		14.38	9.90
7		7.22	2.74		10.82	6.34		14.41	9.93
8		7.24	2.76		10.84	6.36		14.43	9.95
9		7.26	2.78		10.86	6.38		14.46	9.98
10	16:10	7.27	2.79	19:15	10.86	6.38	22:20	14.46	9.98
11		7.29	2.81		10.87	6.39		14.47	9.99
12		7.30	2.82		10.88	6.40		14.48	10.00
13		7.31	2.83		10.90	6.42		14.49	10.01
14		7.32	2.84		10.91	6.43		14.51	10.03
15		7.33	2.85		10.93	6.45		14.52	10.04
20	16:20	7.35	2.87	19:25	10.97	6.49	22:30	14.58	10.10
25		7.38	2.90		10.99	6.51		14.60	10.12
30	16:30	7.40	2.92	19:35	11.02	6.54	22:40	14.62	10.14
40		7.43	2.95		11.05	6.57		14.63	10.15
50		7.45	2.97		11.08	6.60		14.64	10.16
60	17:00	7.47	2.99	20:05	11.10	6.62	23:10	14.66	10.18
70		7.50	3.02		11.12	6.64		14.68	10.20
80		7.50	3.02		11.14	6.66		14.69	10.21
90		7.51	3.03		11.16	6.68		14.70	10.22
100		7.53	3.05		11.17	6.69		14.72	10.24
110		7.55	3.07		11.18	6.70		14.73	10.25
120	18:00	7.56	3.08	21:05	11.19	6.71	0:10	14.74	10.26
140		7.57	3.09		11.20	6.72		14.75	10.27
160		7.58	3.10		11.22	6.74		14.76	10.28
180	19:00	7.59	3.11	22:05	11.23	6.75	1:10	14.77	10.29

Remarks: MP is 0.57m above GL, draw SWL is 3.51m bgl

DATA SHEET OF PUMPING TEST

WELL NO: EX-12 LOCATION: GHERABARI GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DATE:
 SCREEN: 123-129, 136-145 = 15m
 POSITION: EX hole only.

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	1:10	14.77	10.29	4:10	18.04	15.56	7:10	16.04	11.56
0.5		17.35	12.87		17.00	12.52		14.18	9.70
1		17.49	13.01		16.80	12.30		13.96	9.48
1.5		17.58	13.10		16.70	12.22		13.82	9.34
2		17.65	13.17		16.65	12.17		13.74	9.26
2.5		17.70	13.22		16.60	12.12		13.68	9.20
3		17.72	13.24		16.53	12.05		13.65	9.17
4		17.76	13.28		16.48	12.00		13.64	9.16
5	3:15	17.79	13.31	4:15	16.45	11.97	7:15	13.63	9.15
6		17.81	13.33		16.42	11.94		13.61	9.13
7		17.82	13.34		16.40	11.92		13.60	9.12
8		17.84	13.36		16.33	11.87		13.59	9.11
9		16.84	12.36		16.30	11.82		13.57	9.09
10	1:20	17.85	13.37	4:20	16.25	11.77	7:20	13.56	9.08
11		17.86	13.38		16.24	11.76		13.55	9.07
12		17.88	13.40		16.23	11.75		13.53	9.05
13		17.90	13.42		16.22	11.74		13.51	9.03
14		17.90	13.42		16.21	11.73		13.50	9.02
15		17.91	13.43		16.20	11.72		13.47	8.99
20	1:30	17.92	13.44	4:30	16.19	11.71	7:30	13.45	8.97
25		17.93	13.45		16.18	11.70		13.43	8.95
30	1:40	17.94	13.46	4:40	16.17	11.69	7:40	13.42	8.94
40		17.96	13.48		16.16	11.68		13.40	8.92
50		17.97	13.49		16.15	11.67		13.37	8.89
60	2:10	17.98	13.50	5:10	16.14	11.66	8:10	13.36	8.88
70		17.99	13.51		16.12	11.64		13.35	8.87
80		18.00	13.52		16.10	11.62		13.31	8.83
90		18.01	13.53		16.08	11.60		13.30	8.82
100		18.01	13.53		16.07	11.59		13.29	8.81
110		18.01	13.53		16.06	11.58		13.29	8.81
120	3:10	18.02	13.54	6:10	16.05	11.57	9:10	13.29	8.81
140		18.03	13.55		16.04	11.56		13.28	8.80
160		18.04	13.56		16.04	11.56		13.28	8.80
180	4:10	18.04	13.56	7:10	16.04	11.56	10:10	13.28	8.80

Remarks: MP is 0.57m above GL, draw SWL is 3.51m bgl

DATA SHEET OF PUMPING TEST

WELL NO: EX-12 LOCATION: GHERABARI GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 41.5m DATE:
 SCREEN: 123-129, 136-145 = 15m
 POSITION: EX hole only. (1/3)

ELAPSED TIME (min)	Seventh Stage Q = 205 l/s (1,771.2 m ³ /day)			Recovery Q = 0 (Stop Pump)			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0	10:15	13.28	8.80	13:15	9.08	4.60	16:45	4.73	0.25
0.5		9.51	5.05		5.84	1.36	17:15	4.71	0.23
1		9.50	5.02		5.72	1.24	17:45	4.70	0.22
1.5		9.48	5.00		5.65	1.17	18:15	4.69	0.21
2		9.47	4.99		5.56	1.08	18:45	4.68	0.20
2.5		9.47	4.99		5.46	0.98	19:15	4.67	0.19
3		9.46	4.98		5.42	0.94	20:15	4.65	0.17
4		9.45	4.97		5.38	0.90	21:15	4.64	0.16
5	10:20	9.43	4.95	13:20	5.34	0.86		4.63	0.15
6		9.41	4.93		5.31	0.83	23:15	4.62	0.14
7		9.40	4.92		5.28	0.80		4.61	0.13
8		9.38	4.90		5.26	0.78	1:15	4.60	0.12
9		9.37	4.89		5.23	0.75		4.59	0.11
10	10:25	9.36	4.88	13:25	5.22	0.74	3:15	4.58	0.10
11		9.36	4.88		5.21	0.73		4.58	0.10
12		9.35	4.87		5.19	0.71	5:15	4.57	0.09
13		9.33	4.85		5.17	0.69	6:15	4.57	0.09
14		9.33	4.85		5.16	0.68	8:15	4.57	0.09
15		9.32	4.84		5.14	0.66	10:15	4.56	0.08
20	10:35	9.30	4.82	13:35	5.10	0.62	12:15	4.56	0.08
25		9.29	4.81		5.05	0.57	14:15	4.55	0.07
30	10:45	9.26	4.78	13:45	5.02	0.54	16:15	4.54	0.06
40		9.23	4.75		4.99	0.51			
50		9.21	4.73		4.94	0.46			
60	11:15	9.20	4.72	14:15	4.91	0.43			
70		9.18	4.70		4.88	0.40			
80		9.17	4.69		4.87	0.39			
90		9.16	4.68		4.85	0.37			
100		9.15	4.67		4.84	0.36			
110		9.14	4.66		4.82	0.34			
120	12:15	9.13	4.65	15:15	4.80	0.32			
140		9.13	4.65		4.78	0.30			
160		9.10	4.62		4.76	0.28			
180	13:15	9.08	4.60	16:15	4.75	0.27			

Remarks:

DATA SHEET OF PUMPING TEST

WELL NO: EX-12 LOCATION: GHERABARI GL: DEPTH (m): 150m
 STATUS: CONSTANT DISC. PUMP SETTING: 41.5m DATE:
 SCREEN: 123-129, 136-145 = 15m

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /Day)	REMARKS
18:00	0	4.54	0	50.2	4,333.0	SWL = 3.97m
	0.5	15.08	10.54			MP is 0.57m a.g.l.
	1	15.28	10.74			
	1.5	15.41	10.87			pH=7.6, EC=178.1, T=28.6
	2	15.65	11.11			
	2.5	15.80	11.26			
	3	15.90	11.36			
	3.5	16.01	11.47			
	4	16.14	11.60			
18:05	5	16.26	11.72			
	6	16.29	11.75			
	7	16.31	11.77			
	8	16.36	11.82			
	9	16.40	11.86			
18:10	10	16.42	11.88			
	11	16.45	11.91			
	12	16.47	11.93			
	13	16.50	11.96			
	14	16.53	11.99			
	15	16.55	12.01			
18:20	20	16.62	12.08			
	25	16.68	12.14			
18:30	30	16.79	12.25			
	45	16.89	12.35			
19:00	60	17.05	12.51			
	75	17.10	12.56			
	90	17.15	12.61			
	105	17.20	12.66			
20:00	120	17.30	12.76			
	135	17.39	12.85			
	150	17.45	12.91			
	165	17.50	12.96			
21:00	180	17.56	13.02			
	210	17.62	13.08			

DATA SHEET OF PUMPING TEST

WELL NO: EX-12 LOCATION: GHERABARI GL: DEPTH (m): 150m
 STATUS: CONSTANT DISC. PUMP SETTING: DATE:
 SCREEN: 123-129, 136-145 = 15m

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /Day)	REMARKS
22:00	240	17.69	13.15	50.2	4,333.0	SWL = 3.97m
	270	17.74	13.20			MP is 0.57m a.g.l.
23:00	300	17.75	13.21			
	330	17.77	13.23			
	360	17.78	13.24			
	420	17.81	13.27			
2:00	480	17.86	13.32			
	540	17.87	13.33			
4:00	600	17.90	13.36			
	660	18.00	13.46			
6:00	720	18.03	13.49			
	780	18.05	13.51			
8:00	840	18.07	13.53			
	900	18.09	13.55			
10:00	960	18.11	13.57			
	1020	18.13	13.57			
12:00	1080	18.12	13.58			
	1140	18.13	13.59			
14:00	1200	18.14	13.60			
	1260	18.15	13.61			
16:00	1320	18.16	13.62			
	1380	18.16	13.62			
18:00	1440	18.17	13.63			
	1500					
	1600					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-12 LOCATION: GHERABARI GL: DEPTH (m): 150m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 123-129, 136-145 = 15
 DISCHARGE: 50.2 l/s (4,333. m³/day) for 1440 min. (1/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
18:00	0	1440	18.17	13.63	SWL = 3.97m a.g.l.
	0.5	1440.5	9.80	5.26	
	1	1441	7.95	3.41	
	1.5	1441.5	7.20	2.66	
	2	1442	6.95	2.41	
	2.5	1442.5	6.72	2.18	
	3	1443	6.60	2.06	
	4	1444	6.45	1.91	
18:05	5	1445	6.35	1.81	
	6	1446	6.21	1.67	
	7	1447	6.16	1.62	
	8	1448	6.12	1.58	
	9	1449	6.06	1.52	
18:10	10	1450	6.03	1.49	
	11	1451	6.00	1.46	
	12	1452	5.97	1.43	
	13	1453	5.93	1.39	
	14	1454	5.90	1.36	
	15	1455	5.87	1.33	
18:20	20	1460	5.79	1.25	
	25	1465	5.64	1.10	
18:30	30	1470	5.56	1.02	
	40	1480	5.47	0.93	
	50	1490	5.35	0.81	
19:00	60	1500	5.30	0.76	
	70	1510	5.26	0.72	
	80	1520	5.20	0.66	
	90	1530	5.16	0.62	
	100	1540	5.13	0.59	
	110	1550	5.11	0.57	
20:00	120	1560	5.09	0.55	
	140	1580	5.04	0.50	
	160	1600	5.00	0.46	
21:00	180	1620	4.95	0.41	

DATA SHEET OF PUMPING TEST

WELL NO: EX-12 LOCATION: GHERABARI GL: DEPTH (m): 150m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 123-129, 136-145 = 15
 DISCHARGE: 50.2 l/s (4,333. m3/day) for 1440 min. (2/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
21:30	210	1650	4.94	0.40	
22:00	240	1680	4.91	0.37	
	270	1710	4.88	0.34	
23:00	300	1740	4.85	0.31	
	330	1770	4.83	0.29	
00:00	360	1800	4.82	0.28	
	420	1860	4.79	0.25	
200	480	1920	4.77	0.23	
	540	1980	4.75	0.21	
400	600	2040	4.72	0.18	
	660	2100	4.71	0.17	
6:00	720	2160	4.69	0.15	
	780	2220	4.67	0.13	
8:00	840	2280	4.67	0.13	
	900	2340	4.65	0.11	
10:00	960	2400	4.63	0.11	
	1020	2460	4.63	0.09	
12:00	1080	2520	4.60	0.06	
	1140	2580	4.59	0.05	
14:00	1200	2640	4.58	0.04	
	1260	2700	4.57	0.03	
16:00	1320	2760	4.57	0.03	
	1380	2820	4.57	0.03	
18:00	1440	2880	4.56	0.02	
20:00	1500	3000	4.56	0.02	
22:00	1680	3120	4.55	0.01	
	1800	3240	4.55	0.01	
2:00	1920	3360	4.54	0.00	
	2040	3480	4.54	0.00	
6:00	2160	3600	4.54	0.00	
8:00	2280	3720	4.54	0.00	
	2400				
	2520				
	2640				

DATA SHEET OF PUMPING TEST

WELL NO: EX-13 LOCATION: PATHAMARI GL: DEPTH (m): 100m
 STATUS: STEP D.O. TEST PUMP SETTING: DATE:
 SCREEN: 46-55, 60-72 = 21m
 POSITION: EX hole only (1/3)

ELAPSED TIME (min)	First Stage Q = 14.82 l/s (1,280.4 m3/day)			Second Stage Q = 29.02 l/s (2,507.3 m3/day)			Third Stage Q = 44.79 l/s (3,869.9 m3/day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	17:00	1.94	0	20:05	5.93	3.99	23:10	8.60	6.66
0.5		3.70	1.76		6.02	4.08		8.75	6.81
1		3.75	1.81		6.05	4.11		8.85	6.91
1.5		3.74	1.80		6.05	4.11		8.87	6.93
2		3.60	1.86		6.06	4.12		8.90	6.96
2.5		3.61	1.87		6.06	4.12		8.95	7.01
3		3.83	1.89		6.07	4.13		8.94	7.00
4		3.85	1.91		6.09	4.15		8.94	7.00
5	17:05	3.87	1.93	20:10	6.11	4.17	23:15	8.96	7.02
6		3.88	1.94		6.11	4.17		8.96	7.02
7		3.89	1.95		6.12	4.18		8.96	7.02
8		3.90	1.96		6.12	4.18		8.97	7.03
9		3.90	1.96		6.13	4.19		8.99	7.05
10	17:10	3.90	1.96	20:15	6.13	4.19	23:20	9.00	7.06
11		3.90	1.96		6.13	4.19		9.02	7.08
12		3.90	1.96		6.14	4.20		9.03	7.09
13		3.91	1.97		6.14	4.20		9.04	7.10
14		3.91	1.97		6.15	4.21		9.05	7.11
15		3.91	1.97		6.15	4.21		9.05	7.11
20	17:20	3.93	1.99	20:25	6.16	4.22	23:30	9.05	7.11
25		3.94	2.00		6.17	4.23		9.07	7.13
30	17:30	3.95	2.01	20:35	6.18	4.24	23:40	9.07	7.13
40		3.96	2.02		6.18	4.24		9.10	7.16
50		3.97	2.03		6.19	4.25		9.10	7.16
60	18:00	3.98	2.04	21:05	6.19	4.25	0:10	9.15	7.21
70		3.99	2.05		6.20	4.26		9.15	7.21
80		4.00	2.06		6.20	4.26		9.15	7.21
90		4.01	2.07		6.21	4.27		9.15	7.21
100		4.01	2.07		6.22	4.28		9.17	7.23
110		4.01	2.07		6.22	4.28		9.17	7.23
120	19:00	4.01	2.07	22:05	6.23	4.29	3:10	9.17	7.23
140		4.01	2.07		6.28	4.34		9.17	7.23
160		4.01	2.07		6.28	4.34		9.17	7.23
180	20:00	4.01	2.07	23:05	6.30	4.36	2:10	9.17	7.23

Remarks: MP was 0.5m below CL, at 5ML = 1.4m bgl

DATA SHEET OF PUMPING TEST

WELL NO: EX-13 LOCATION: PATHAMARI GL: DEPTH (m): 100m
 STATUS: STEP D.O. TEST PUMP SETTING: DATE:
 SCREEN: 46-55, 60-72 = 21m
 POSITION: EX hole only (2/3)

ELAPSED TIME (min)	Fourth Stage Q = 59.3 l/s (5,123.5 m3/day)			Fifth Stage Q = 50.15 l/s (4,333.0 m3/day)			Sixth Stage Q = 40.06 l/s (3,461.8 m3/day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	2:10	9.17	7.23	5:10	11.91	9.99	8:10	9.83	7.89
0.5		11.60	9.66		10.29	8.35		8.25	6.31
1		11.64	9.70		10.19	8.25		8.30	6.36
1.5		11.65	9.71		10.18	8.24		8.28	6.34
2		11.65	9.71		10.17	8.23		8.25	6.31
2.5		11.68	9.74		10.15	8.21		8.24	6.30
3		11.75	9.81		10.14	8.20		8.21	6.27
4		11.76	9.82		10.14	8.20		8.19	6.25
5	2:15	11.76	9.82	5:15	10.14	8.20	8:15	8.19	6.25
6		11.77	9.83		10.13	8.19		8.19	6.25
7		11.79	9.85		10.11	8.17		8.19	6.25
8		11.82	9.88		10.10	8.15		8.19	6.25
9		11.82	9.88		10.09	8.15		8.19	6.25
10	2:20	11.83	9.89	5:20	10.08	8.14	8:20	8.19	6.25
11		11.84	9.90		10.07	8.13		8.19	6.25
12		11.85	9.91		10.06	8.12		8.19	6.25
13		11.86	9.92		10.05	8.11		8.19	6.25
14		11.87	9.93		10.04	8.10		8.19	6.25
15		11.87	9.93		10.00	8.06		8.19	6.25
20	2:30	11.88	9.94	5:30	9.95	8.01	8:30	8.19	6.25
25		11.89	9.95		9.92	7.96		8.19	6.25
30	2:40	11.90	9.96	5:40	9.91	7.97	8:40	8.18	6.24
40		11.92	9.98		9.90	7.96		8.18	6.24
50		11.92	9.98		9.90	7.96		8.18	6.24
60	3:10	11.92	9.98	6:10	9.89	7.95	9:10	8.18	6.24
70		11.92	9.98		9.89	7.95		8.18	6.24
80		11.92	9.98		9.87	7.93		8.18	6.24
90		11.93	9.99		9.87	7.93		8.18	6.24
100		11.93	9.99		9.85	7.91		8.18	6.24
110		11.93	9.99		9.85	7.91		8.18	6.24
120	4:10	11.93	9.99	7:10	9.84	7.90	10:10	8.18	6.24
140		11.93	9.99		9.84	7.90		8.18	6.24
160		11.93	9.99		9.84	7.90		8.18	6.24
180	5:10	11.93	9.99	8:10	9.83	7.89	11:10	8.18	6.24

Remarks:

DATA SHEET OF PUMPING TEST

WELL NO: EX-13 LOCATION: PATHAMARI GL: DEPTH (m): 100m
 STATUS: STEP D.O. TEST PUMP SETTING: DATE:
 SCREEN: 46-55, 60-72 = 21m
 POSITION: EX hole only (1/3)

ELAPSED TIME (min)	Seventh Stage Q = 28.30 l/s (1,771.3 m3/day)			Recovery Q = 0 (Stop Pump)			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0	11:15	6.99	5.05	14:15	4.82	2.88			
0.5		6.99	5.05		2.50	0.56			
1		5.00	3.06		2.40	0.46			
1.5		5.00	3.06		2.29	0.35			
2		5.01	3.07		2.23	0.29			
2.5		5.01	3.07		2.21	0.27			
3		5.02	3.08		2.19	0.25			
4		5.02	3.08		2.16	0.22			
5	11:20	5.02	3.08	14:20	2.16	0.22			
6		5.02	3.08		2.13	0.19			
7		5.00	3.06		2.12	0.18			
8		5.00	3.06		2.10	0.16			
9		5.00	3.06		2.09	0.15			
10	11:25	4.96	3.04	14:25	2.06	0.14			
11		4.96	3.04		2.07	0.13			
12		4.98	3.04		2.06	0.12			
13		4.96	3.04		2.06	0.12			
14		4.95	3.01		2.05	0.11			
15		4.95	3.01		2.05	0.11			
20	11:35	4.93	2.99	14:35	2.05	0.11			
25		4.90	2.96		2.01	0.07			
30	11:45	4.90	2.96	14:45	2.01	0.07			
40		4.90	2.96		2.00	0.06			
50		4.90	2.96		1.96	0.04			
60	12:15	4.89	2.95	15:15	1.95	0.01			
70		4.89	2.95		1.94	0.00			
80		4.87	2.93						
90		4.86	2.92						
100		4.86	2.92						
110		4.85	2.91						
120	13:15	4.85	2.91						
140		4.85	2.91						
160		4.83	2.89						
180	14:15	4.82	2.88						

Remarks:

DATA SHEET OF PUMPING TEST

WELL NO: EX-13 LOCATION: PATHMARAI GL: 50.15
 STATUS: CONSTANT DISC. PUMP SETTING: DEPTH (m): 100m
 SCREEN: 46-55, 60-72 = 21m DATE:

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
10:00	0	1.75	0	50.15	4333.0	SWL = 1.25m bgl.
	0.5	8.50	6.75			(MPH 0.50m aBl)
	1	8.85	7.10			
	1.5	9.00	7.25			
	2	9.05	7.30			
	2.5	9.10	7.35			
	3	9.14	7.39			
	3.5	9.19	7.44			
	4	9.22	7.47			
10:05	5	9.25	7.50			
	6	9.26	7.51			
	7	9.27	7.52			
	8	9.28	7.53			
	9	9.33	7.60			
10:10	10	9.35	7.60			
	11	9.39	7.64			
	12	9.40	7.65			
	13	9.41	7.66			
	14	9.42	7.67			
	15	9.43	7.68			
10:20	20	9.48	7.73			
	25	9.50	7.75			
10:30	30	9.52	7.77			
	45	9.55	7.80			
11:00	60	9.65	7.90			
	75	9.68	7.93			
	90	9.69	7.94			
	105	9.69	7.94			
12:00	120	9.73	7.98			
	135	9.76	8.01			
	150	9.77	8.02			
	165	9.79	8.04			
13:00	180	9.79	8.04			
	210	9.79	8.04			

DATA SHEET OF PUMPING TEST

WELL NO: EX-13 LOCATION: PATHMARAI GL: 50.15
 STATUS: CONSTANT DISC. PUMP SETTING: DEPTH (m): 100m
 SCREEN: 46-55, 60-72 = 21m DATE:

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
14:00	240	9.82	8.07		4333.0	SWL = 1.25m bgl.
	270	9.82	8.07			(MPH 0.50m aBl)
15:00	300	9.85	8.10			
	330	9.85	8.10			
16:00	360	9.85	8.10			
	420	9.87	8.12			
18:00	480	9.89	8.14			
	540	9.92	8.17			
20:00	600	9.93	8.18			
	660	9.93	8.18			
22:00	720	9.94	8.19			
	780	9.95	8.20			
0:00	840	9.96	8.21			
	900	9.98	8.23			
2:00	960	9.99	8.24			
	1020	10.00	8.25			
4:00	1080	10.01	8.26			
	1140	10.01	8.26			
6:00	1200	10.02	8.27			
	1260	10.03	8.28			
8:00	1320	10.04	8.29			
	1380	10.04	8.29			
10:00	1440	10.05	8.30			
	1500					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-13 LOCATION: PATHMARAI GL: 50.15
 STATUS: RECOVERY TEST PUMP SETTING: DEPTH (m): 100m
 SCREEN: 46-55, 60-72 = 21m DATE:
 DISCHARGE: 4,333.0 m³/day for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
10:30	0	1440	10.05	0.30	SWL = 1.25m bgl.
	0.5	1440.5	3.15	1.40	
	1	1441	2.90	1.15	
	1.5	1441.5	2.80	1.05	
	2	1442	2.71	0.96	
	2.5	1442.5	2.65	0.90	
	3	1443	2.66	0.93	
	4	1444	2.55	0.80	
10:05	5	1445	2.46	0.73	
	6	1446	2.45	0.70	
	7	1447	2.41	0.66	
	8	1448	2.40	0.65	
	9	1449	2.37	0.62	
10:10	10	1450	2.37	0.62	
	11	1451	2.34	0.59	
	12	1452	2.32	0.57	
	13	1453	2.31	0.56	
	14	1454	2.30	0.55	
	15	1455	2.29	0.54	
10:20	20	1460	2.23	0.48	
	25	1465	2.19	0.44	
10:30	30	1470	2.18	0.43	
	40	1480	2.15	0.40	
	50	1490	2.12	0.37	
11:00	60	1500	2.10	0.35	
	70	1510	2.06	0.31	
	80	1520	2.05	0.30	
11:30	90	1530	2.04	0.29	
	100	1540	2.02	0.27	
	110	1550	2.01	0.26	
12:00	120	1560	2.00	0.25	
	140	1580	1.99	0.24	
	160	1600	1.98	0.23	
13:00	180	1620	1.95	0.20	

DATA SHEET OF PUMPING TEST

WELL NO: EX-13 LOCATION: PATHMARAI GL: 50.15
 STATUS: RECOVERY TEST PUMP SETTING: DEPTH (m): 100m
 SCREEN: 46-55, 60-72 = 21m DATE:
 DISCHARGE: 4,320 m³/day for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
13:30	210	1650	1.94	0.19	
14:00	240	1680	1.91	0.18	
	270	1710	1.90	0.13	
15:00	300	1740	1.89	0.14	
	330	1770	1.88	0.13	
16:00	360	1800	1.87	0.12	
	420	1860	1.85	0.10	
18:00	480	1920	1.83	0.08	
	540	1980	1.81	0.06	
20:00	600	2040	1.80	0.05	
	660	2100	1.79	0.04	
22:00	720	2160	1.78	0.03	
	780	2220	1.77	0.02	
0:00	840	2280	1.76	0.01	
1:00	900	2340	1.75	0.00	
	960				
	1020				
	1080				
	1140				
	1200				
	1260				
	1320				
	1380				
	1440				
	1500				
	1680				
	1800				
	1920				
	2040				
	2160				
	2280				
	2400				
	2520				
	2640				

DATA SHEET OF PUMPING TEST

WELL NO: EX-14 LOCATION: TULSIBARI GL: PUMP SETTING: 28m DEPTH (m): 100m DATE: (1/3)
 STATUS: STEP D.D. TEST SCREEN: 57-60, 64-88, 92-95 = 30m POSITION: EX hole only

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	15:15	2.58	0.00	18:15	4.11	1.53	21:15	5.90	3.32
0.5		4.01	1.43		4.11	1.53		10.35	7.77
1		4.01	1.43		4.11	1.53		10.45	7.87
1.5		4.02	1.44		4.12	1.54		10.46	7.88
2		4.00	1.42		4.12	1.54		10.45	7.90
2.5		4.02	1.44		4.12	1.54		10.60	8.02
3		4.02	1.44		4.12	1.54		10.72	8.14
4		4.03	1.45		4.12	1.54		10.80	8.22
5	15:20	4.04	1.46	18:20	4.12	1.54	21:20	10.85	8.27
6		4.04	1.46		4.68	2.10		10.90	8.32
7		4.04	1.46		4.76	2.18		10.95	8.37
8		4.04	1.46		4.92	2.34		11.10	8.52
9		4.04	1.46		4.99	2.41		11.15	8.57
10	15:25	4.05	1.47	18:25	5.45	2.87	21:25	11.25	8.67
11		4.05	1.47		5.46	2.88		11.32	8.74
12		4.05	1.47		5.46	2.88		11.34	8.76
13		4.05	1.47		5.46	2.88		11.50	8.92
14		4.05	1.47		5.46	2.88		11.72	9.14
15		4.05	1.47		5.46	2.88		11.90	9.32
20	15:35	4.05	1.47	18:35	5.46	2.88	21:35	11.99	9.41
25		4.06	1.48		5.47	2.89		12.12	9.54
30	15:45	4.07	1.49	18:45	5.48	2.90	21:45	12.13	9.55
40		4.08	1.50		5.49	2.91		12.14	9.56
50		4.09	1.51		5.50	2.92		12.16	9.58
60	16:15	4.09	1.51	19:15	5.50	2.92	22:15	12.18	9.60
70		4.10	1.52		5.84	3.26		12.20	9.62
80		4.10	1.52		5.85	3.27		12.21	9.63
90		4.10	1.52		5.86	3.28		12.22	9.64
100		4.11	1.53		5.86	3.28		12.24	9.66
110		4.11	1.53		5.86	3.28		12.26	9.68
120	17:15	4.11	1.53	20:15	5.87	3.29	23:15	12.28	9.70
140		4.11	1.53		5.88	3.30		12.30	9.72
160		4.11	1.53		5.89	3.31		12.31	9.73
180	18:15	4.11	1.53	21:15	5.90	3.32	0:15	12.32	9.74

Remarks: MP is 0.38m q1 SWL is 2.20m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: EX-14 LOCATION: TULSIBARI GL: PUMP SETTING: 28m DEPTH (m): 100m DATE: (2/3)
 STATUS: STEP D.D. TEST SCREEN: 57-60, 64-88, 92-95 = 30m POSITION: EX hole only

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	0:15	12.52	9.74	3:15	17.66	15.08	6:15	14.70	12.12
0.5		13.59	11.01		17.42	14.84		10.13	7.55
1		13.65	11.07		17.40	14.82		10.25	7.67
1.5		13.80	11.22		17.41	14.83		10.24	7.66
2		13.90	11.32		17.42	14.84		10.24	7.66
2.5		13.99	11.41		17.42	14.84		10.24	7.66
3		14.15	11.57		17.43	14.85		10.24	7.66
4		14.20	11.62		17.44	14.86		10.24	7.66
5	0:20	14.28	11.70	3:20	17.46	14.88	6:20	10.24	7.66
6		14.35	11.77		17.47	14.89		10.24	7.66
7		14.42	11.84		17.49	14.91		10.23	7.65
8		14.50	11.92		17.50	14.92		10.23	7.65
9		14.62	12.04		17.51	14.93		10.23	7.65
10	0:25	14.69	12.11	3:25	17.51	14.93	6:25	10.23	7.65
11		14.75	12.17		17.51	14.93		10.23	7.65
12		14.90	12.32		17.51	14.93		10.23	7.65
13		14.96	12.40		17.52	14.94		10.23	7.65
14		15.74	13.16		17.53	14.95		10.23	7.65
15		15.62	13.04		17.54	14.96		10.23	7.65
20	0:35	15.83	13.27	3:35	17.55	14.97	6:35	10.23	7.65
25		15.89	13.31		17.56	14.98		10.23	7.65
30	0:45	15.94	13.36	3:45	17.56	14.98	6:45	10.23	7.65
40		16.60	14.02		17.56	14.98		10.22	7.64
50		16.73	14.17		17.55	14.97		10.22	7.64
60	1:15	16.82	14.24	4:15	17.55	14.97	7:15	10.23	7.65
70		16.91	14.33		17.56	14.98		10.23	7.65
80		16.96	14.38		17.57	14.99		10.23	7.65
90		17.17	14.59		17.57	14.99		10.23	7.65
100		17.26	14.68		17.56	14.98		10.23	7.65
110		17.28	14.70		17.55	14.97		10.24	7.66
120	2:15	17.36	14.78	5:15	17.58	15.00	8:15	10.24	7.66
140		17.60	15.02		17.60	15.02		10.24	7.66
160		17.63	15.07		17.62	15.04		10.25	7.67
180	3:15	17.66	15.08	6:15	17.70	15.12	9:15	10.25	7.67

Remarks: MP is 0.38m q1 SWL is 2.20m above MP. Test SWL is 2.20m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: EX-14 LOCATION: TULSIBARI GL: PUMP SETTING: 28m DEPTH (m): 100m DATE: (3/3)
 STATUS: STEP D.D. TEST SCREEN: 57-60, 64-88, 92-95 = 30m POSITION: EX hole only

ELAPSED TIME (min)	Seventh Stage			Recovery			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0	9:15	10.25	7.67	12:15	4.50	1.92			
0.5		7.06	4.50		2.77	0.19			
1		7.07	4.49		2.71	0.13			
1.5		7.06	4.48		2.69	0.11			
2		7.06	4.48		2.68	0.10			
2.5		7.06	4.48		2.67	0.09			
3		7.06	4.48		2.66	0.08			
4		7.06	4.48		2.64	0.06			
5	9:20	7.06	4.48	12:20	2.64	0.06			
6		7.05	4.47		2.64	0.06			
7		7.05	4.47		2.66	0.08			
8		7.04	4.46		2.63	0.05			
9		7.04	4.46		2.63	0.05			
10	9:25	7.04	4.46	12:25	2.63	0.05			
11		7.04	4.46		2.63	0.05			
12		7.04	4.46		2.62	0.04			
13		7.04	4.46		2.62	0.04			
14		7.04	4.46		2.62	0.04			
15		7.04	4.46		2.59	0.01			
20	9:35	7.04	4.46	12:35	2.58	0.00			
25		7.04	4.46						
30	9:45	7.04	4.46	12:45					
40		7.03	4.45						
50		7.03	4.45						
60	10:15	7.03	4.45	12:60					
70		7.03	4.45						
80		7.03	4.45						
90		7.03	4.45						
100		7.03	4.45						
110		7.03	4.45						
120	11:15	7.03	4.45	13:60					
140		7.03	4.45						
160		7.03	4.45						
180	12:15	7.03	4.45						

Remarks: MP is 0.38m q1 SWL is 2.20m above MP. Test SWL is 2.20m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: EX-14 LOCATION: TULSIBARI GL: PUMP SETTING: 28m DEPTH (m): 100m DATE: (1/2)
 STATUS: CONSTANT DISC. SCREEN: 57-60, 64-88, 92-95 = 30m POSITION: EX hole only

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DIFFERENTIAL (m3/24h)	REMARKS
18:00	0	2.58	0.00	30.0	2582.0	SWL = 2.20m below GL. (2.58m below MP)
	0.5	10.70	8.32			
	1	10.75	8.17			
	1.5	10.78	8.20			
	2	10.87	8.29			
	2.5	10.87	8.29			
	3	10.91	8.33			
	3.5	10.93	8.35			
	4	10.94	8.36			
18:05	5	10.95	8.37			
	6	10.95	8.37			
	7	10.96	8.38			
	8	10.97	8.39			
	9	11.00	8.42			
18:10	10	11.02	8.44			
	11	11.02	8.44			
	12	11.03	8.45			
	13	11.03	8.45			
	14	11.03	8.45			
	15	11.04	8.46			
18:20	20	11.05	8.47			
	25	11.08	8.50			
18:30	30	11.10	8.52			
	45	11.14	8.56			
19:00	60	11.15	8.57			
	75	11.19	8.61			
19:30	90	11.20	8.62			
	105	11.20	8.62			
20:00	120	11.23	8.65			
	135	11.24	8.66			
	150	11.25	8.67			
	165	11.27	8.69			
21:00	180	11.28	8.70			
21:30	210	11.28	8.70			

DATA SHEET OF PUMPING TEST

WELL NO: EX-14 LOCATION: TULSIBARI GL: DEPTH (m): 100m
 STATUS: CONSTANT DISC. PUMP SETTING: 28m DATE:
 SCREEN: 57-60, 64-88, 92-95 = 30m.

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m3/day)	REMARKS
22:00	240	11.39	8.72	3.00	2.592.0	SWL = 2.20m below GL (2.58m below MP)
	270	11.30	8.72			
23:00	300	11.31	8.73			
	330	11.33	8.73			
0:00	360	11.33	8.77			
	420	11.35	8.77			
2:00	450	11.37	8.79			
	510	11.38	8.80			
4:00	600	11.39	8.81			
	660	11.40	8.82			
6:00	720	11.40	8.82			
	750	11.40	8.82			
8:00	840	11.41	8.83			
	900	11.41	8.83			
10:00	960	11.41	8.83			
	1020	11.41	8.83			
12:00	1080	11.41	8.83			
	1140	11.43	8.85			
14:00	1200	11.44	8.86			
	1260	11.45	8.87			
16:00	1320	11.46	8.88			
	1380	11.46	8.88			
18:00	1440	11.46	8.88			
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2760					

DATA SHEET OF PUMPING TEST

WELL NO: EX-14 LOCATION: TULSIBARI GL: DEPTH (m): 100m
 STATUS: RECOVERY TEST PUMP SETTING: 28M DATE:
 SCREEN: 57-60, 64-88, 92-95 = 30m
 DISCHARGE: 30.0 l/s (2,592.0 m3/day) for 1440 min.

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT.	REMARKS
18:00	0	1410.00	11.46	8.88	ERR SWL = 2.20m below GL (2.58m below MP)
	0.5	1440.50	3.00	0.42	2851.00
	1	1441.00	2.94	0.36	1441.00
	1.5	1441.50	2.91	0.33	961.00
	2	1442.00	2.88	0.30	721.00
	2.5	1442.50	2.85	0.27	577.00
	3	1443.00	2.82	0.24	481.00
	4	1444.00	2.77	0.19	361.00
18:05	5	1445.00	2.74	0.16	289.00
	6	1446.00	2.70	0.12	241.00
	7	1447.00	2.68	0.10	206.71
	8	1448.00	2.67	0.09	181.00
	9	1449.00	2.66	0.08	161.00
18:10	10	1450.00	2.65	0.07	145.00
	11	1451.00	2.65	0.07	131.91
	12	1452.00	2.64	0.06	121.00
	13	1453.00	2.64	0.06	111.77
	14	1454.00	2.63	0.05	103.86
	15	1455.00	2.63	0.05	97.00
18:20	20	1460.00	2.62	0.04	73.00
	25	1465.00	2.61	0.03	58.60
18:30	30	1470.00	2.59	0.01	49.00
	40	1480.00	2.58	0.00	37.00
	50				
19:00	60				
	70				
	80				
	90				
	100				
	110				
	120				
	140				
	160				
	180				

DATA SHEET OF PUMPING TEST

WELL NO: EX-15 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m
 STATUS: STEP D.D. TEST PUMP SETTING: 36m DATE:
 SCREEN: 39-42, 63-66, 88-94 = 12m
 POSITION: 28.23m apart from Ob-5

ELAPSED TIME (min)	First Stage Q = 9.84 l/s (850.2 m3/day)			Second Stage Q = 20.5 l/s (1,771.2 m3/day)			Third Stage Q = 29.02 l/s (2,507.3 m3/day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	10:00	2.19	8	13:00	4.66	1.87	16:05	8.48	6.29
0.5		2.60	0.41		5.38	3.19		8.58	6.39
1		2.78	0.59		5.45	3.26		8.61	6.42
1.5		3.33	1.24		5.55	3.36		8.64	6.45
2		3.57	1.38		5.57	3.38		8.68	6.49
2.5		3.58	1.39		5.60	3.41		8.72	6.53
3		3.59	1.40		5.62	3.43		8.73	6.54
4		3.60	1.41		5.63	3.44		8.78	6.59
5	10:05	3.61	1.42	13:05	5.71	3.52	16:10	8.79	6.60
6		3.62	1.43		5.73	3.54		8.82	6.63
7		3.63	1.44		5.73	3.54		8.85	6.66
8		3.64	1.45		5.76	3.57		8.87	6.68
9		3.65	1.46		5.76	3.57		8.89	6.70
10	10:10	3.67	1.48	13:10	5.78	3.59	16:15	8.91	6.72
11		3.68	1.49		5.79	3.60		8.92	6.74
12		3.69	1.50		5.80	3.61		8.95	6.76
13		3.70	1.51		5.81	3.62		8.98	6.79
14		3.71	1.52		5.82	3.63		9.00	6.81
15		3.72	1.53		5.83	3.64		9.03	6.84
20	10:20	3.75	1.56	13:20	5.87	3.68	16:25	9.08	6.89
25		3.78	1.59		5.89	3.70		9.16	6.97
30	10:30	3.81	1.62		5.91	3.72		9.28	7.09
40		3.83	1.64		5.97	3.78		9.43	7.24
50		3.84	1.65		5.99	3.80		9.48	7.29
60	11:00	3.85	1.66	14:00	6.02	3.83	17:05	9.58	7.39
70		3.87	1.68		6.03	3.84		9.65	7.46
80		3.89	1.70		6.04	3.85		9.69	7.50
90	11:30	3.92	1.73		6.08	3.89		9.74	7.55
100		3.94	1.75		6.09	3.90		9.78	7.59
110		3.96	1.77		6.10	3.91		9.84	7.65
120	12:00	4.00	1.81	15:00	6.12	3.93	18:05	9.86	7.69
140		4.03	1.84		6.15	3.96		9.93	7.74
160		4.06	1.87		6.18	3.99		10.03	7.84
180	13:00	4.08	1.87	18:00	6.20	4.01	19:05	10.11	7.92

Remarks: MP is 0.20m above GL. So SWL is 1.09m bpt.

DATA SHEET OF PUMPING TEST

WELL NO: EX-15 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m
 STATUS: STEP D.D. TEST PUMP SETTING: 36m DATE:
 SCREEN: 39-42, 63-66, 88-94 = 12m
 POSITION: 28.23m apart from Ob-5

ELAPSED TIME (min)	Fourth Stage Q = 40.06 l/s (3,461.2 m3/day)			Fifth Stage Q = 29.02 l/s (2,507.3 m3/day)			Sixth Stage Q = 24.60 l/s (2,125.4 m3/day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	19:10	14.83	12.64	22:15	13.58	11.39	1:15	11.61	9.42
0.5		15.00	12.81		13.48	11.29		11.18	8.99
1		15.13	12.94		13.37	11.18		11.13	8.94
1.5		15.28	13.09		13.19	11.00		11.08	8.89
2		15.49	13.30		12.93	10.74		11.03	8.84
2.5		15.68	13.49		12.87	10.68		10.98	8.79
3		15.73	13.54		12.76	10.57		10.98	8.79
4		15.88	13.69		12.47	10.45		10.98	8.79
5	19:15	15.97	13.78	22:20	12.62	10.43	1:20	10.96	8.77
6		16.08	13.89		12.57	10.38		10.96	8.77
7		16.17	13.98		12.45	10.26		10.95	8.76
8		16.24	14.05		12.27	10.08		10.95	8.76
9		16.38	14.19		12.33	10.14		10.95	8.76
10	19:20	16.49	14.30	22:25	12.24	10.05	1:25	10.95	8.76
11		16.61	14.42		12.19	10.00		10.93	8.74
12		16.70	14.51		12.13	9.94		10.92	8.73
13		16.88	14.69		12.08	9.89		10.91	8.72
14		17.01	14.82		12.06	9.87		10.90	8.71
15		17.27	15.08		12.03	9.84		10.88	8.69
20	19:30	17.79	15.60	22:35	11.99	9.80	1:35	10.83	8.64
25		18.43	16.24		11.97	9.78		10.83	8.64
30	19:40	19.08	16.89	22:45	11.95	9.76	1:45	10.79	8.60
40		19.38	17.19		11.93	9.74		10.78	8.59
50		19.65	17.46		11.85	9.66		10.78	8.59
60	20:10	19.76	17.57	23:15	11.78	9.59	2:15	10.78	8.59
70		19.85	17.66		11.76	9.57		10.78	8.59
80		20.00	17.81		11.74	9.55		10.78	8.59
90		20.17	17.98		11.72	9.53		10.78	8.59
100		20.24	18.05		11.70	9.51		10.78	8.59
110		20.33	18.14		11.67	9.48		10.79	8.60
120	21:10	20.38	18.19	0:15	11.65	9.46	3:15	10.79	8.60
140		20.48	18.29		11.63	9.44		10.79	8.60
160		20.56	18.37		11.62	9.43		10.79	8.60
180	22:10	20.63	18.44	1:15	11.61	9.42	4:15	10.79	8.60

Remarks:

DATA SHEET OF PUMPING TEST

WELL NO: EX-15 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m DATE: (1/2)

STATUS: STEP O.D. TEST PUMP SETTING: 36m

SCREEN: 39-42, 63-66, 88-94 = 12m

POSITION: 28.23m apart from Ob-5

ELAPSED TIME (min)	ACT. TIME	Seventh Stage			Recovery			Recovery		
		WATER LEVEL (m)	DRAW-DOWN (m)	ACT. WATER LEVEL (m)	DRAW-DOWN (m)	ACT. WATER LEVEL (m)	DRAW-DOWN (m)	ACT. WATER LEVEL (m)	DRAW-DOWN (m)	
0	4:20	8.43	6.24	7.20	7.20	5.81	10.50	2.80	0.41	
0.5		7.88	5.69	4.38	2.19	11.20	2.75	0.56		
1		7.78	5.59	3.66	1.49	11.50	2.73	0.54		
1.5		7.72	5.53	3.60	1.41	12.20	2.71	0.52		
2		7.63	5.44	3.56	1.37	12.50	2.69	0.50		
2.5		7.62	5.43	3.51	1.32	13.50	2.67	0.48		
3		7.61	5.42	3.48	1.29	14.50	2.62	0.43		
4		7.60	5.41	3.43	1.24	15.50	2.58	0.39		
5	4:25	7.58	5.39	3.40	1.21	16.50	2.56	0.37		
6		7.58	5.39	3.38	1.19	17.50	2.53	0.34		
7		7.57	5.38	3.35	1.16	18.50	2.50	0.31		
8		7.57	5.38	3.32	1.13	19.50	2.50	0.31		
9		7.56	5.37	3.31	1.12	20.50	2.47	0.28		
10	4:30	7.56	5.37	3.29	1.10	21.50	2.46	0.27		
11		7.56	5.37	3.28	1.09	22.50	2.45	0.26		
12		7.56	5.37	3.27	1.08	23.50	2.44	0.25		
13		7.54	5.35	3.26	1.07	0.50	2.43	0.24		
14		7.53	5.34	3.25	1.06	3.50	2.42	0.23		
15		7.52	5.33	3.24	1.05		2.41	0.22		
20	4:40	7.51	5.32	3.23	1.04	3.50	2.40	0.21		
25		7.46	5.27	3.27	1.06		2.39	0.20		
30	4:50	7.43	5.24	3.15	0.96	3.50	2.38	0.19		
40		7.40	5.21	3.08	0.89		2.37	0.18		
50		7.36	5.19	3.06	0.87	7.50	2.37	0.18		
60	5:20	7.38	5.19	3.02	0.83		2.36	0.17		
70		7.37	5.18	2.99	0.80	9.50	2.35	0.16		
80		7.36	5.17	2.96	0.77	10.50	2.34	0.15		
90		7.36	5.17	2.93	0.74	12.50	2.33	0.14		
100		7.36	5.17	2.91	0.72	14.50	2.32	0.13		
110		7.36	5.17	2.89	0.71	16.50	2.31	0.12		
120	6:20	7.35	5.16	2.88	0.69	18.50	2.30	0.11		
140		7.28	5.09	2.86	0.67	20.50	2.30	0.11		
160		7.23	5.04	2.83	0.66	22.50	2.29	0.10		
180	7:20	7.20	5.01	2.84	0.65	0.50	2.28	0.09		
						7.50	2.24	0.05		

DATA SHEET OF PUMPING TEST

WELL NO: EX-15 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m DATE: (1/2)

STATUS: CONSTANT DISC. PUMP SETTING: 36m

SCREEN: 39-42, 63-66, 88-94 = 12m

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m3/day)	REMARKS
11:00	0	2.28	0	34.7	2,998.1	SWL = 1.78m bgl.
	0.5	7.86	5.60			MP is 0.50m above GL.
	1	8.18	5.90			
	1.5	8.20	5.92			
	2	8.38	6.10			
	2.5	8.46	6.18			
	3	8.53	6.25			
	3.5	8.58	6.30			
	4	8.63	6.35			
11:05	5	9.08	6.80			
	6	9.28	7.00			
	7	9.36	7.10			
	8	9.48	7.20			
	9	9.55	7.27			
11:10	10	9.63	7.35			
	11	9.71	7.43			
	12	9.78	7.50			
	13	9.83	7.55			
	14	9.93	7.65			
	15	9.96	7.70			
11:20	20	10.14	7.86			
	25	10.23	7.95			
11:30	30	10.59	8.31			
	45	10.80	8.52			
12:00	60	10.93	8.65			
	75	11.06	8.78			
	90	11.23	8.95			
	105	11.44	9.16			
13:00	120	11.55	9.27			
	135	11.58	9.30			
	150	11.63	9.35			
	165	11.68	9.40			
14:00	180	11.73	9.45			
	210	11.78	9.50			

DATA SHEET OF PUMPING TEST

WELL NO: EX-15 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m DATE: (2/2)

STATUS: CONSTANT DISC. PUMP SETTING: 36m

SCREEN: 39-42, 63-66, 88-94 = 12m

OBSERVATION: Ob-5

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m3/day)	REMARKS
15:00	240	11.92	9.64	34.7	2,998.1	SWL = 1.78m bgl.
	270	11.98	9.70			MP is 0.50m above GL.
16:00	300	12.03	9.75			
	330	12.33	10.05			
17:00	360	12.34	10.06			
	420	12.63	10.35			
19:00	480	12.78	10.50			
	540	12.83	10.55			
21:00	600	12.93	10.65			
	660	12.94	10.66			
23:00	720	13.02	10.74			
	780	13.05	10.77			
1:00	840	13.13	10.85			
	900	13.21	10.93			
3:00	960	13.28	11.00			
	1020	13.30	11.02			
5:00	1080	13.32	11.04			
	1140	13.36	11.08			
7:00	1200	13.43	11.15			
	1260	13.42	11.14			
9:00	1320	13.53	11.25			
	1380	13.53	11.25			
11:00	1440	13.53	11.25			
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: EX-15 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m DATE: (2/2)

STATUS: RECOVERY TEST PUMP SETTING: -

SCREEN: 39-42, 63-66, 88-94 = 12m

DISCHARGE: 34.7 l/s (2,998.1 m3/day) for 1440 min.

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
11:00	0	1440	13.53	11.23	SWL = 1.78m bgl.
	0.5	1440.5	5.38	3.19	MP is 0.50m above GL.
	1	1441	4.63	2.35	
	1.5	1441.5	4.46	2.18	
	2	1442	4.36	2.08	
	2.5	1442.5	4.28	2.00	
	3	1443	4.23	1.95	
	4	1444	4.13	1.85	
11:05	5	1445	4.06	1.80	
	6	1446	4.02	1.74	
	7	1447	3.98	1.70	
	8	1448	3.95	1.67	
	9	1449	3.91	1.63	
11:10	10	1450	3.88	1.60	
	11	1451	3.85	1.57	
	12	1452	3.82	1.54	
	13	1453	3.81	1.53	
	14	1454	3.78	1.50	
	15	1455	3.76	1.48	
11:20	20	1460	3.68	1.40	
	25	1465	3.63	1.35	
11:30	30	1470	3.58	1.30	
	40	1480	3.51	1.23	
	50	1490	3.42	1.14	
12:00	60	1500	3.36	1.10	
	70	1510	3.33	1.05	
	80	1520	3.28	1.00	
12:30	90	1530	3.25	0.97	
	100	1540	3.23	0.95	
	110	1550	3.20	0.92	
13:00	120	1560	3.17	0.89	
	140	1580	3.11	0.83	
	160	1600	3.07	0.79	
14:00	180	1620	3.03	0.75	

DATA SHEET OF PUMPING TEST

WELL NO: EX-15 LOCATION: JAMIRGADHI GL: DEPTH (m): 100m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 39-42, 63-66, 88-94 = 12m
 DISCHARGE: 34.7 l/s (2,998.1 m3/day) for 1440 min. (2/3)

TIME	ELAPSED TIME (min)		WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
	TIME	ACCUM. TIME (min)			
14:30	210	1650	2.98	0.70	SWL = 1.78m bgl.
15:00	240	1680	2.92	0.64	MP is 0.50m above GL.
16:00	300	1740	2.84	0.56	
17:00	360	1800	2.79	0.51	
19:00	480	1920	2.69	0.41	
21:00	600	2040	2.60	0.32	
23:00	720	2160	2.55	0.27	
1:00	840	2280	2.52	0.24	
3:00	960	2400	2.48	0.20	
5:00	1080	2520	2.44	0.16	
7:00	1200	2640	2.40	0.12	
9:00	1320	2760	2.36	0.08	
11:00	1440	2880	2.33	0.05	
13:00	1560	3000	2.32	0.04	
15:00	1680	3120	2.30	0.02	
19:00	1920	3360	2.28	0.00	continued for Ob bote.
21:00	2040	3480	2.28	0.00	
23:00	2160	3600	2.28	0.00	
3:00	2280	3720	2.28	0.00	
5:00	2400	3840	2.28	0.00	
7:00	2520	3960	2.28	0.00	
9:00	2640	4080	2.28	0.00	

DATA SHEET OF PUMPING TEST

WELL NO: Ob-1 LOCATION: BAKHBHITA GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 248-269, 273-282 = 30m
 POSITION: 28.80m apart from EX-1 (2/3)

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	13:30	0.60	0	16:35	2.94	2.14	19:40	4.08	3.28
0.5		1.42	0.62		3.47	2.67		4.45	3.65
1		2.00	1.20		3.60	2.80		4.47	3.67
1.5		2.13	1.33		3.64	2.84		4.48	3.68
2		2.19	1.39		3.69	2.89		4.50	3.70
2.5		2.24	1.44		3.74	2.94		4.51	3.71
3		2.27	1.47		3.78	2.98		4.53	3.73
4		2.30	1.50		3.80	3.00		4.55	3.75
5	13:35	2.33	1.53	16:40	3.82	3.02	19:45	4.56	3.76
6		2.36	1.56		3.84	3.04		4.57	3.77
7		2.42	1.62		3.86	3.06		4.58	3.78
8		2.47	1.67		3.88	3.08		4.59	3.79
9		2.53	1.73		3.91	3.11		4.60	3.80
10	13:40	2.55	1.75	16:45	3.92	3.12	19:50	4.61	3.81
11		2.57	1.77		3.93	3.13		4.61	3.81
12		2.58	1.78		3.94	3.14		4.62	3.82
13		2.60	1.80		3.95	3.15		4.62	3.82
14		2.61	1.81		3.96	3.16		4.62	3.82
15		2.62	1.82		3.97	3.17		4.62	3.82
20	13:50	2.70	1.90	16:55	3.99	3.19	20:00	4.63	3.83
25		2.74	1.94		4.00	3.20		4.63	3.83
30	14:00	2.76	1.96	17:05	4.01	3.21	21:10	4.63	3.83
40		2.82	2.02		4.02	3.22		4.63	3.83
50		2.83	2.03		4.03	3.23		4.63	3.83
60	14:30	2.84	2.04	17:35	4.03	3.23	20:40	4.63	3.83
70		2.85	2.05		4.03	3.23		4.63	3.83
80		2.87	2.07		4.03	3.23		4.63	3.83
90	15:00	2.88	2.08	18:05	4.04	3.24	21:10	4.63	3.83
100		2.89	2.09		4.04	3.24		4.63	3.83
110		2.90	2.10		4.04	3.24		4.63	3.83
120	15:30	2.91	2.11	18:35	4.05	3.25	21:40	4.63	3.83
140		2.92	2.12		4.06	3.26		4.63	3.83
160		2.93	2.13		4.07	3.27		4.63	3.83
180	16:30	2.94	2.14	19:35	4.08	3.28	22:40	4.63	3.83

DATA SHEET OF PUMPING TEST

WELL NO: Ob-1 LOCATION: BAKHBHITA GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 248-269, 273-282 = 30m
 POSITION: 28.80m apart from EX-1 (2/3)

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	22:40	4.61	3.81	1:30	4.82	4.02	4:45	4.40	3.60
0.5		4.80	4.00		4.75	3.95		3.70	2.90
1		4.95	4.15		4.68	3.88		3.76	2.96
1.5		4.99	4.19		4.60	3.80		3.75	2.95
2		5.01	4.21		4.58	3.78		3.76	2.96
2.5		4.90	4.10		4.58	3.78		3.75	2.95
3		4.80	4.00		4.57	3.77		3.77	2.97
4		4.87	4.07		4.56	3.76		3.77	2.97
5	22:45	4.84	4.04	1:45	4.55	3.75	4:50	3.76	2.96
6		4.86	4.06		4.54	3.74		3.77	2.97
7		4.87	4.07		4.53	3.73		3.77	2.97
8		4.91	4.11		4.52	3.72		3.77	2.97
9		4.78	3.98		4.51	3.71		3.77	2.97
10	22:50	4.93	4.13	1:50	4.50	3.70	4:55	3.77	2.97
11		4.89	4.09		4.49	3.69		3.76	2.96
12		4.90	4.10		4.48	3.68		3.77	2.97
13		4.91	4.11		4.47	3.67		3.76	2.96
14		4.95	4.15		4.46	3.66		3.76	2.96
15		4.96	4.16		4.46	3.66		3.75	2.95
20	23:00	4.97	4.17	2:00	4.41	3.61	5:05	3.71	2.91
25		4.99	4.19		4.42	3.62		3.63	2.83
30	23:10	5.01	4.21	2:10	4.42	3.62	5:15	3.62	2.82
40		5.03	4.23		4.43	3.63		3.65	2.85
50		4.98	4.18		4.43	3.63		3.65	2.85
60	23:40	4.96	4.16	2:40	4.42	3.62	5:45	3.63	2.83
70		4.97	4.17		4.42	3.62		3.60	2.80
80		4.96	4.16		4.42	3.62		3.60	2.80
90	0:10	4.94	4.14	3:10	4.42	3.62	6:15	3.60	2.80
100		4.95	4.15		4.42	3.62		3.60	2.80
110		4.81	4.01		4.41	3.61		3.60	2.80
120	0:40	4.81	4.01	3:40	4.41	3.61	6:45	3.61	2.81
140		4.82	4.02		4.41	3.61		3.62	2.82
160		4.82	4.02		4.40	3.60		3.63	2.83
180	1:40	4.82	4.02	4:40	4.40	3.60	7:45	3.64	2.84

DATA SHEET OF PUMPING TEST

WELL NO: Ob-1 LOCATION: BAKHBHITA GL: DEPTH (m): 300m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 248-269, 273-282 = 30m
 POSITION: 28.80m apart from EX-1 (2/3)

ELAPSED TIME (min)	Seventh Stage			Recovery		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	7:50	3.64	2.84	10:50	3.05	2.25
0.5		3.70	2.90		3.08	2.28
1		3.61	2.81		3.07	2.27
1.5		3.68	2.88		3.11	2.31
2		3.33	2.53		3.26	2.46
2.5		3.31	2.51		3.21	2.41
3		3.28	2.48		3.27	2.47
4		3.26	2.46		3.20	2.40
5	7:55	3.25	2.45	10:55	3.18	2.38
6		3.25	2.45		3.16	2.36
7		3.24	2.44		3.18	2.38
8		3.24	2.44		3.11	2.31
9		3.23	2.43		3.09	2.29
10	8:00	3.22	2.42	11:00	3.07	2.27
11		3.21	2.41		3.05	2.25
12		3.20	2.40		3.03	2.23
13		3.20	2.40		3.01	2.21
14		3.20	2.40		3.00	2.20
15		3.19	2.39		2.99	2.19
20	8:10	3.14	2.34	11:10	2.83	2.03
25		3.12	2.32		2.71	1.91
30	8:20	3.10	2.30	11:20	2.75	1.95
40		3.09	2.29		2.70	1.90
50		3.08	2.28		2.67	1.87
60	8:50	3.08	2.28	11:50	2.60	1.80
70		3.06	2.26		2.45	1.65
80		3.08	2.28		2.40	1.60
90	9:20	3.08	2.28	12:20	2.37	1.57
100		3.07	2.27		2.32	1.52
110		3.07	2.27		2.31	1.51
120	9:50	3.06	2.26	12:50	2.29	1.49
140		3.05	2.25		2.27	1.47
160		3.05	2.25		2.25	1.45
180	10:50	3.05	2.25	13:50	2.24	1.44

DATA SHEET OF PUMPING TEST

WELL NO: Ob-1 (re) LOCATION: SUNADIH GL:
 STATUS: CONSTANT DISC. PUMP SETTING: -- DEPTH (m): 300m.
 SCREEN: 248-269, 273-282 = 30m. DATE:
 POSITION: 28.8m apart from EX-1 (1/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m³/Day)	REMARKS
7:00	0	0.95	0.00	50.2	4,333.0	SWL = 1.04m above GL
	0.5	1.71	0.76			(MP is 1.99m above GL)
	1	1.96	1.03			Re-test
	1.5	2.15	1.20			
	2	2.25	1.30			
	2.5	2.38	1.33			
	3	2.32	1.37			
	3.5	2.36	1.41			
	4	2.39	1.44			
7:05	5	2.41	1.46			
	6	2.44	1.49			
	7	2.49	1.54			
	8	2.54	1.59			
	9	2.59	1.64			
7:10	10	2.63	1.68			
	11	2.65	1.70			
	12	2.69	1.74			
	13	2.73	1.78			
	14	2.78	1.83			
	15	2.79	1.84			
7:20	20	2.85	1.90			
	25	2.90	1.95			
7:30	30	2.97	2.02			
	45	3.05	2.10			
8:00	60	3.13	2.20			
	75	3.19	2.24			
8:30	90	3.27	2.32			
	105	3.34	2.39			
	120	3.40	2.45			
	135	3.43	2.48			
9:30	150	3.45	2.50			
	165	3.47	2.52			
	180	3.48	2.53			
10:30	210	3.50	2.55			

DATA SHEET OF PUMPING TEST

WELL NO: Ob-1 (re) LOCATION: SUNADIH GL:
 STATUS: CONSTANT DISC. PUMP SETTING: -- DEPTH (m): 300m.
 SCREEN: 248-269, 273-282 = 30m. DATE:
 POSITION: 28.8m apart from EX-1 (2/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m³/Day)	REMARKS
11:00	240	3.53	2.58	50.2	4,333.0	SWL = 1.04m above GL
	270	3.55	2.60			(MP is 1.99m above GL)
	12:00	300	3.57	2.62		Re-test
	330	3.58	2.63			
	13:00	360	3.59	2.64		
	420	3.60	2.65			
15:00	480	3.60	2.65			
	540	3.61	2.66			
	17:00	600	3.62	2.67		
	660	3.63	2.68			
19:00	720	3.64	2.69			
	786	3.65	2.70			
	21:00	840	3.66	2.71		
	900	3.67	2.72			
23:00	960	3.67	2.72			
0:00	1020	3.68	2.73			
	1080	3.68	2.73			
2:00	1140	3.69	2.74			
	1200	3.70	2.75			
4:00	1260	3.72	2.77			
	1320	3.72	2.77			
6:00	1380	3.72	2.77			
7:00	1440	3.73	2.78			
	1500					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: Ob-1 (re) LOCATION: SUNADIH GL:
 STATUS: RECOVERY TEST PUMP SETTING: -- DEPTH (m): 300m.
 SCREEN: 248-269, 273-282 = 30m. DATE:
 DISCHARGE: 50.2 l/s (4,320 m³/day) for 1440 min. (1/2)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT	REMARKS
7:00	0	1440.00	3.73	2.78		SWL = 1.04m above GL
	0.5	1440.50	3.67	2.72	2881.00	(MP is 1.99m a.g.l.)
	1	1441.00	3.61	2.66	1441.00	
	1.5	1441.50	3.51	2.56	961.00	
	2	1442.00	3.47	2.52	721.00	
	2.5	1442.50	3.39	2.44	577.00	
	3	1443.00	3.36	2.43	481.00	
	4	1444.00	3.36	2.41	361.00	
7:05	5	1445.00	3.33	2.38	289.00	
	6	1446.00	3.32	2.37	241.00	
	7	1447.00	3.30	2.35	206.71	
	8	1448.00	3.28	2.33	181.00	
	9	1449.00	3.22	2.27	161.60	
7:10	10	1450.00	3.17	2.22	145.00	
	11	1451.00	3.12	2.17	131.91	
	12	1452.00	3.05	2.10	121.00	
	13	1453.00	2.98	2.03	111.77	
	14	1454.00	2.94	1.99	103.86	
	15	1455.00	2.89	1.94	97.00	
7:20	20	1460.00	2.62	1.67	73.00	
	25	1465.00	2.33	1.38	58.60	
7:30	30	1470.00	2.22	1.27	49.00	
	40	1480.00	2.00	1.05	37.00	
	50	1490.00	1.91	0.96	29.80	
8:00	60	1500.00	1.87	0.92	25.00	
	70	1510.00	1.84	0.89	21.57	
	80	1520.00	1.80	0.85	19.00	
8:30	90	1530.00	1.77	0.82	17.00	
	100	1540.00	1.75	0.80	15.48	
	110	1550.00	1.71	0.76	14.89	
9:00	120	1560.00	1.68	0.73	13.00	
	140	1580.00	1.66	0.71	11.29	
	160	1600.00	1.63	0.68	10.00	
10:00	180	1620.00	1.60	0.65	9.00	

DATA SHEET OF PUMPING TEST

WELL NO: Ob-1 (re) LOCATION: SUNADIH GL:
 STATUS: RECOVERY TEST PUMP SETTING: -- DEPTH (m): 300m.
 SCREEN: 248-269, 273-282 = 30m. DATE:
 DISCHARGE: 50.2 l/s (4,320 m³/day) for 1440 min. (2/2)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT	REMARKS
	210	1650	1.59	0.64	7.86	SWL = 1.04m above GL
11:00	240	1680	1.57	0.62	7.00	(MP is 1.99m a.g.l.)
	270	1710	1.52	0.57	6.33	
12:00	300	1740	1.50	0.55	5.86	
	330	1770	1.48	0.53	5.26	
13:00	360	1800	1.46	0.51	5.06	
	420	1860	1.43	0.48	4.43	
15:00	480	1920	1.41	0.46	4.00	
	540	1980	1.39	0.44	3.67	
17:00	600	2040	1.36	0.41	3.40	
	660	2100	1.35	0.40	3.18	
19:00	720	2160	1.34	0.39	3.00	
	780	2220	1.33	0.38	2.85	
21:00	840	2280	1.32	0.37	2.71	
	900	2340	1.31	0.36	2.60	
23:00	960	2400	1.30	0.35	2.50	
0:00	1020	2460	1.29	0.34	2.41	
	1080	2520	1.28	0.33	2.33	
2:00	1140	2580	1.27	0.32	2.26	
	1200	2640	1.26	0.31	2.20	
4:00	1260	2700	1.25	0.30	2.14	
	1320	2760	1.24	0.29	2.09	
6:00	1380	2820	1.23	0.28	2.04	
7:00	1440	2880	1.22	0.27	2.00	Pump withdraw
	1500	2900	1.21	0.26		
11:00	1680	3120	1.20	0.25		
13:00	1800	3240	1.19	0.24		
15:00	1920	3360	1.18	0.23	1.75	
17:00	2040	3480	1.17	0.22	1.71	
19:00	2160	3600	1.16	0.21	1.67	
21:00	2280	3720	1.15	0.20	1.63	
23:00	2400	3840	1.15	0.20	1.60	
1:00	2520	3960	1.14	0.19	1.57	
3:00	2640	4080	1.13	0.18	1.55	

DATA SHEET OF PUMPING TEST

WELL NO: Ob-1 (re) LOCATION: SUNADIH GL: DEPTH (m): 300m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 248-269, 273-292 = 30m
 DISCHARGE: 50.2 l/s (4,330 m3/day) for 1440 min. (3/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	First Stage		REMARKS
			WATER LEVEL (m)	DRAW-DOWN (m)	
5:00	2760	4200	1.13	0.18	SWL = 1.04m above GL (MP is 1.90m sgl.)
7:00	2880	4320	1.13	0.18	
9:00	3000	4440	1.12	0.17	
11:00	3120	4560	1.12	0.17	
13:00	3240	4680	1.12	0.17	
15:00	3360	4800	1.12	0.17	
17:00	3480	4920	1.12	0.17	

DATA SHEET OF PUMPING TEST

WELL NO: Ob-2 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 202-208, 224-248 = 30m
 POSITION: 30m apart from EX-4 (1/3)

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	15:00	4.16	0.00	18:05	4.91	0.75	21:10	5.53	1.37
0.5		4.21	0.05		4.96	0.80		5.54	1.38
1		4.33	0.17		4.99	0.83		5.56	1.40
1.5		4.40	0.24		5.05	0.89		5.62	1.46
2		4.42	0.26		5.06	0.90		5.68	1.52
2.5		4.44	0.28		5.07	0.91		5.70	1.54
3		4.47	0.31		5.09	0.93		5.71	1.55
4		4.49	0.33		5.11	0.95		5.72	1.56
5	15:05	4.51	0.35	18:10	5.13	0.97	21:15	5.73	1.57
6		4.53	0.37		5.14	0.98		5.74	1.58
7		4.55	0.39		5.16	1.00		5.75	1.59
8		4.57	0.41		5.17	1.01		5.77	1.61
9		4.57	0.41		5.18	1.02		5.78	1.62
10	15:10	4.58	0.42	18:15	5.20	1.04	21:20	5.79	1.63
11		4.59	0.43		5.21	1.05		5.81	1.65
12		4.60	0.44		5.22	1.06		5.82	1.66
13		4.60	0.44		5.23	1.07		5.82	1.66
14		4.61	0.45		5.23	1.07		5.83	1.67
15		4.62	0.46		5.24	1.08		5.84	1.68
20	15:20	4.63	0.47	18:25	5.26	1.10	21:30	5.85	1.78
25		4.65	0.49		5.28	1.12		5.88	1.72
30	15:30	4.67	0.51	18:35	5.29	1.12	21:40	5.90	1.74
40		4.70	0.54		5.34	1.18		5.94	1.78
50		4.72	0.56		5.35	1.19		5.98	1.82
60	16:00	4.75	0.59	19:05	5.36	1.20	22:10	6.00	1.84
70		4.77	0.61		5.36	1.20		6.02	1.86
80		4.79	0.63		5.37	1.21		6.03	1.87
90		4.80	0.64		5.38	1.22		6.04	1.88
100		4.82	0.66		5.39	1.23		6.05	1.89
110		4.83	0.67		5.41	1.25		6.06	1.90
120	17:00	4.83	0.67	20:05	5.46	1.30	23:10	6.07	1.91
140		4.84	0.68		5.48	1.32		6.08	1.92
160		4.85	0.69		5.50	1.34		6.09	1.93
180	18:00	4.86	0.70	21:05	5.53	1.37	6:10	6.09	1.93

Remarks: MP is 0.20m sgl, base SWL = 3.90m sgl

DATA SHEET OF PUMPING TEST

WELL NO: Ob-2 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 202-208, 224-248 = 30m
 POSITION: 30m apart from EX-4 (2/3)

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	0:10	6.20	2.04	3:10	6.57	2.41	6:10	6.30	2.14
0.5		6.22	2.06		6.55	2.39		6.28	2.12
1		6.23	2.07		6.54	2.38		6.28	2.12
1.5		6.24	2.08		6.53	2.37		6.24	2.10
2		6.25	2.09		6.52	2.36		6.23	2.09
2.5		6.26	2.10		6.50	2.34		6.24	2.08
3		6.26	2.10		6.49	2.35		6.23	2.07
4		6.27	2.11		6.47	2.31		6.22	2.06
5	0:15	6.27	2.11	3:15	6.45	2.29	6:15	6.21	2.05
6		6.28	2.12		6.44	2.28		6.20	2.04
7		6.28	2.12		6.43	2.27		6.20	2.04
8		6.29	2.13		6.42	2.26		6.19	2.03
9		6.29	2.13		6.42	2.26		6.18	2.02
10	0:20	6.30	2.14	3:20	6.40	2.24	6:20	6.17	2.01
11		6.31	2.15		6.40	2.24		6.16	2.00
12		6.32	2.16		6.38	2.22		6.15	1.99
13		6.32	2.16		6.37	2.21		6.14	1.98
14		6.33	2.17		6.37	2.21		6.13	1.97
15		6.33	2.17		6.37	2.21		6.12	1.96
20	0:30	6.34	2.18	3:30	6.36	2.20	6:30	6.11	1.95
25		6.36	2.20		6.36	2.20		6.10	1.94
30	0:40	6.37	2.21	3:40	6.35	2.19	6:40	6.09	1.93
40		6.43	2.27		6.34	2.18		6.08	1.92
50		6.45	2.29		6.34	2.18		6.07	1.91
60	1:10	6.46	2.30	4:10	6.33	2.17	7:10	6.06	1.90
70		6.47	2.31		6.33	2.17		6.05	1.89
80		6.48	2.32		6.32	2.16		6.05	1.89
90		6.49	2.33		6.32	2.16		6.04	1.88
100		6.51	2.35		6.32	2.16		6.04	1.88
110		6.52	2.36		6.31	2.15		6.03	1.87
120	2:10	6.53	2.37	5:10	6.31	2.15	8:10	6.03	1.87
140		6.54	2.38		6.30	2.14		6.02	1.86
160		6.56	2.40		6.30	2.14		6.02	1.86
180	3:10	6.57	2.41	6:10	6.30	2.14	9:10	6.02	1.86

Remarks: MP is 0.20m sgl, base SWL = 3.90m sgl

DATA SHEET OF PUMPING TEST

WELL NO: Ob-2 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 202-208, 224-248 = 30m
 POSITION: 30m apart from EX-4 (3/3)

ELAPSED TIME (min)	Seventh Stage			Recovery		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	9:15	6.82	1.86	12:15	5.31	1.51
0.5		5.87	1.71		5.20	1.04
1		5.82	1.66		5.10	0.94
1.5		5.77	1.61		5.07	0.91
2		5.72	1.56		5.03	0.87
2.5		5.70	1.54		5.00	0.84
3		5.68	1.52		4.98	0.82
4		5.66	1.50		4.96	0.80
5	9:20	5.64	1.48	12:20	4.92	0.76
6		5.62	1.46		4.91	0.75
7		5.60	1.44		4.90	0.74
8		5.59	1.43		4.89	0.73
9		5.58	1.42		4.87	0.71
10	9:25	5.57	1.41	12:25	4.85	0.69
11		5.56	1.40		4.84	0.68
12		5.55	1.39		4.83	0.67
13		5.54	1.38		4.82	0.66
14		5.54	1.38		4.81	0.65
15		5.53	1.37		4.80	0.64
20	9:35	5.52	1.36	12:35	4.78	0.62
25		5.51	1.35		4.77	0.61
30	9:45	5.50	1.34	12:45	4.75	0.59
40		5.46	1.30		4.70	0.54
50		5.40	1.24		4.65	0.49
60	10:15	5.37	1.21	13:15	4.62	0.46
70		5.37	1.21		4.58	0.42
80		5.36	1.20		4.53	0.37
90		5.36	1.20		4.50	0.34
100		5.35	1.19		4.49	0.33
110		5.35	1.19		4.48	0.32
120	11:15	5.34	1.18	14:15	4.47	0.31
140		5.33	1.17		4.46	0.30
160		5.32	1.16		4.44	0.28
180	12:15	5.31	1.15	15:15	4.43	0.27

Remarks: MP is 0.20m sgl, base SWL = 3.90m sgl

DATA SHEET OF PUMPING TEST

WELL NO: Ob-2 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: CONSTANT DISC. PUMP SETTING: - DATE:
 SCREEN: 202-208, 224-248 = 30m POSITION: 30m apart from EX-4 (1/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
21:00	0	4.16	0	44.8	3,869.9	SWL = 3.90m bgl.
	0.5	4.55	0.39			MP is 0.26m sp.
	1	4.70	0.54			
	1.5	4.95	0.79			
	2	4.99	0.83			
	2.5	5.10	0.94			
	3	5.18	1.02			
	3.5	5.22	1.06			
	4	5.25	1.09			
21:05	5	5.28	1.12			
	6	5.30	1.14			
	7	5.32	1.16			
	8	5.35	1.19			
	9	5.37	1.21			
21:10	10	5.39	1.23			
	11	5.41	1.25			
	12	5.42	1.26			
	13	5.43	1.27			
	14	5.44	1.28			
	15	5.49	1.33			
21:20	20	5.55	1.39			
	25	5.61	1.45			
21:30	30	5.64	1.48			
	45	5.75	1.59			
22:00	60	5.78	1.62			
	75	5.92	1.76			
	90	5.98	1.82			
	105	6.04	1.88			
23:00	120	6.10	1.94			
	135	6.11	1.95			
	150	6.12	1.96			
	165	6.13	1.97			
0:00	180	6.14	1.98			
	210	6.15	1.99			

DATA SHEET OF PUMPING TEST

WELL NO: Ob-2 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: CONSTANT DISC. PUMP SETTING: - DATE:
 SCREEN: 202-208, 224-248 = 30m POSITION: 30m apart from EX-4 (2/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
1:00	240	6.21	2.05	44.8	3,869.9	SWL = 3.90m bgl.
	270	6.23	2.07			MP is 0.26m sp.
2:00	300	6.25	2.09			
	330	6.30	2.14			
3:00	360	6.32	2.16			
	420	6.34	2.18			
5:00	480	6.35	2.19			
	540	6.38	2.22			
7:00	600	6.40	2.24			
	660	6.42	2.26			
9:00	720	6.43	2.27			
	780	6.44	2.28			
11:00	840	6.45	2.29			
	900	6.47	2.31			
13:00	960	6.49	2.33			
	1020	6.45	2.29			
15:00	1080	6.50	2.34			
	1140	6.52	2.36			
17:30	1200	6.54	2.38			
	1260	6.54	2.38			
19:00	1320	6.55	2.39			
	1380	6.57	2.41			
21:00	1440	6.60	2.44			
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: Ob-2 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 202-208, 224-248 = 30m DISCHARGE: 44.8 l/s (3869.9 m³/day) for 1440 min. (1/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
21:00	0	1440	6.60	2.44	SWL = 3.90m bgl.
	0.5	1450.5	5.96	1.82	MP is 0.26m sp.
	1	1441	5.88	1.72	
	1.5	1441.5	5.87	1.71	
	2	1442	5.86	1.70	
	2.5	1442.5	5.84	1.68	
	3	1443	5.82	1.66	
	4	1444	5.80	1.64	
21:05	5	1445	5.77	1.61	
	6	1446	5.65	1.49	
	7	1447	5.64	1.48	
	8	1448	5.60	1.44	
	9	1449	5.55	1.39	
21:10	10	1450	5.53	1.37	
	11	1451	5.50	1.34	
	12	1452	5.48	1.32	
	13	1453	5.46	1.30	
	14	1454	5.45	1.29	
	15	1455	5.44	1.28	
21:20	20	1460	5.36	1.20	
	25	1465	5.30	1.14	
21:30	30	1470	5.25	1.09	
	40	1480	5.19	0.94	
	50	1490	5.02	0.86	
22:00	60	1500	4.98	0.82	
	70	1510	4.95	0.79	
	80	1520	4.91	0.75	
	90	1530	4.88	0.72	
	100	1540	4.73	0.59	
	110	1550	4.72	0.56	
23:00	120	1560	4.70	0.54	
	140	1580	4.66	0.52	
	160	1600	4.66	0.50	
0:00	180	1620	4.64	0.48	

DATA SHEET OF PUMPING TEST

WELL NO: Ob-2 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 202-208, 224-248 = 30m DISCHARGE: 44.8 l/s (3869.9 m³/day) for 1440 min. (2/3)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
0:30	210	1650	4.60	0.44	SWL = 3.90m bgl.
1:00	240	1680	4.58	0.42	MP is 0.26m sp.
2:00	300	1740	4.51	0.35	
	330	1770	4.48	0.32	
3:00	360	1800	4.46	0.30	
4:00	420	1860	4.44	0.28	
	480	1920	4.40	0.24	
6:00	540	1980	4.39	0.23	
	600	2040	4.37	0.21	
8:00	660	2100	4.36	0.20	
	720	2160	4.35	0.19	
10:00	780	2220	4.34	0.18	
	840	2280	4.33	0.17	
12:00	900	2340	4.32	0.16	
	960	2400	4.31	0.15	
14:00	1020	2460	4.30	0.14	
	1080	2520	4.29	0.13	
16:00	1140	2580	4.28	0.12	
	1200	2640	4.28	0.12	
18:00	1260	2700	4.28	0.12	
	1320	2760	4.27	0.11	
20:00	1380	2820	4.27	0.11	
21:00	1440	2880	4.27	0.11	
23:00	1560	3000	4.27	0.11	
1:00	1680	3120	4.26	0.10	
3:00	1800	3240	4.26	0.10	
5:00	1920	3360	4.25	0.09	
7:00	2040	3480	4.25	0.09	
9:00	2160	3600	4.25	0.09	
11:00	2280	3720	4.25	0.09	
13:00	2400	3840	4.25	0.09	
15:00	2520	3960	4.24	0.08	
17:00	2640	4080	4.24	0.08	

DATA SHEET OF PUMPING TEST

WELL NO: Ob-2 LOCATION: BHAGDUBBA GL: DEPTH (m): 250m
 STATUS: RECOVERY TEST PUMP SETTING: - DATE:
 SCREEN: 202-208, 224-248 = 30m
 DISCHARGE: 44.8 l/s (3869.9 m³/day) for 1440 min. (3.3)

TIME	ELAPSED TIME (min)	ACCUM. TIME (min)	First Stage		REMARKS
			WATER LEVEL (m)	DRAW-DOWN (m)	
19:00	2760	4200	4.23	0.07	
21:00	2880	4320	4.23	0.07	
23:00	3000	4440	4.22	0.06	
1:00	3120	4560	4.22	0.06	
3:00	3240	4680	4.21	0.05	
5:00	3360	4800	4.21	0.05	

DATA SHEET OF PUMPING TEST

WELL NO: Ob-3 LOCATION: HARDIBARI GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 141-144, 160-166, 171-180, 183-186 = 21m
 POSITION: 30m apart from EX-7 (1.7)

ELAPSED TIME (min)	First Stage			Second Stage			Third Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	10:00	-1.22	0	13:00	1.48	1.70	16:00	2.24	3.46
0.5		0.03	1.25		1.50	2.72		2.66	3.85
1.0		0.20	1.42		1.55	2.77		2.70	3.92
1.5		0.35	1.57		1.60	2.82		2.78	4.00
2.0		0.39	1.61		1.65	2.87		2.84	4.06
2.5		0.44	1.66		1.66	2.88		2.88	4.10
3.0		0.46	1.68		1.67	2.89		2.92	4.14
4		0.53	1.75		1.69	2.91		3.01	4.23
5	10:05	0.59	1.81	13:05	1.72	2.94	16:05	3.14	4.36
6		0.61	1.83		1.79	3.01		3.20	4.42
7		0.63	1.86		1.75	2.97		3.28	4.50
8		0.66	1.88		1.76	2.98		3.34	4.56
9		0.70	1.92		1.77	2.99		3.44	4.66
10	10:10	0.71	1.96	13:10	1.78	3.00	16:10	3.48	4.70
11		0.77	1.99		1.79	3.01		3.52	4.75
12		0.79	2.01		1.79	3.01		3.56	4.78
13		0.81	2.03		1.80	3.02		3.59	4.81
14		0.83	2.05		1.81	3.03		3.62	4.84
15		0.85	2.07		1.81	3.03		3.65	4.87
20	10:20	0.91	2.13	13:20	1.82	3.04	16:20	3.68	4.90
25		0.97	2.19		1.83	3.05		3.71	4.93
30	10:30	1.02	2.24	13:30	1.85	3.07	16:30	3.75	4.97
40		1.09	2.31		1.88	3.10		3.77	4.99
50		1.16	2.38		1.95	3.17		3.80	5.02
60	11:00	1.21	2.43	14:00	1.98	3.20	17:00	3.83	5.05
70		1.25	2.47		2.01	3.23		3.86	5.08
80		1.30	2.52		2.03	3.25		3.89	5.11
90	11:30	1.34	2.56	14:30	2.05	3.27	17:30	3.92	5.14
100		1.35	2.57		2.06	3.30		3.96	5.18
110		1.38	2.60		2.11	3.33		4.03	5.24
120	12:00	1.40	2.62	15:00	2.11	3.33	18:00	4.06	5.28
140		1.43	2.65		2.14	3.36		4.11	5.32
160		1.45	2.67		2.19	3.41		4.14	5.36
180	13:00	1.48	2.70	16:00	2.24	3.46	19:00	4.18	5.40

DATA SHEET OF PUMPING TEST

WELL NO: Ob-3 LOCATION: HARDIBARI GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 141-144, 160-166, 171-180, 183-186 = 21m
 POSITION: 30m apart from EX-7 (7.7)

ELAPSED TIME (min)	Fourth Stage			Fifth Stage			Sixth Stage		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	19:00	4.18	5.40	22:00	6.18	7.40	1:00	5.10	6.32
0.5		4.40	5.62		6.14	7.36		5.60	6.82
1		4.42	5.64		6.13	7.35		5.59	6.72
1.5		4.43	5.65		6.12	7.34		5.40	6.62
2		4.44	5.66		6.11	7.33		5.30	6.52
2.5		4.48	5.70		6.10	7.32		5.20	6.42
3		4.50	5.72		6.09	7.31		5.10	6.32
4		4.56	5.78		6.07	7.29		4.99	6.21
5	19:05	4.60	5.82	22:05	6.05	7.27	1:05	4.99	6.21
6		4.61	5.83		6.01	7.25		4.98	6.20
7		4.62	5.84		6.01	7.23		4.98	6.20
8		4.63	5.85		5.99	7.21		4.98	6.20
9		4.64	5.86		5.97	7.19		4.97	6.19
10	19:10	4.65	5.87	22:10	5.96	7.18	1:10	4.96	6.18
11		4.66	5.88		5.94	7.16		4.96	6.18
12		4.67	5.89		5.90	7.12		4.96	6.18
13		4.68	5.90		5.88	7.10		4.96	6.18
14		4.74	5.96		5.85	7.07		4.95	6.17
15		4.78	6.00		5.81	7.03		4.95	6.17
20	19:20	4.84	6.06	22:20	5.79	7.01	1:20	4.93	6.15
25		4.94	6.16		5.73	6.95		4.92	6.14
30	19:30	5.00	6.22	22:30	5.68	6.90	1:30	4.91	6.13
40		5.09	6.31		5.65	6.87		4.90	6.12
50		5.16	6.38		5.58	6.80		4.89	6.11
60	20:00	5.25	6.47	23:00	5.52	6.74	2:00	4.88	6.10
70		5.34	6.56		5.45	6.67		4.88	6.10
80		5.41	6.63		5.37	6.59		4.87	6.09
90	20:30	5.52	6.74	23:30	5.30	6.52	2:30	4.86	6.08
100		5.66	6.88		5.26	6.48		4.85	6.07
110		5.79	7.01		5.20	6.42		4.84	6.16
120	21:00	-	1.22	0:00	5.18	6.40	3:00	4.83	6.05
140		5.90	7.12		5.15	6.37		4.83	6.05
160		6.06	7.28		5.12	6.34		4.82	6.04
180	22:00	6.18	7.40	1:00	5.10	6.32	4:00	4.81	6.03

DATA SHEET OF PUMPING TEST

WELL NO: Ob-3 LOCATION: HARDIBARI GL: DEPTH (m): 200m
 STATUS: STEP D.D. TEST PUMP SETTING: - DATE:
 SCREEN: 141-144, 160-166, 171-180, 183-186 = 21m
 POSITION: 30m apart from EX-7 (2.2)

ELAPSED TIME (min)	Seventh Stage			Recovery		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	4:00	4.81	6.03			
0.5		4.80	6.02			
1		4.80	6.02			
1.5		4.79	6.01			
2		4.79	6.01			
2.5		4.79	6.01			
3		4.78	6.00			
4		4.74	5.96			
5	4:05	4.70	5.92			
6		4.68	5.90			
7		4.60	5.82			
8		4.50	5.72			
9		4.51	5.73			
10	4:10	4.46	5.68			
11		4.39	5.61			
12		4.35	5.57			
13		4.32	5.54			
14		4.25	5.47			
15		4.23	5.43			
20	4:20	4.17	5.39			
25		4.12	5.34			
30	4:30	4.08	5.30			
40		4.05	5.27			
50		3.90	5.12			
60	5:00	2.97	4.19			
70		2.93	4.15			
80		2.92	4.14			
90	5:30	2.89	4.11			
100		2.84	4.06			
110		2.78	4.00			
120	6:00	2.76	3.92			
140		2.63	3.85			
160		2.58	3.80			
180	7:00	2.51	3.73			

DATA SHEET OF PUMPING TEST

WELL NO: Ob-3 LOCATION: HALDIBARI GL:
 STATUS: CONSTANT DISC. PUMP SETTING: - DEPTH (m): 200m
 SCREEN: 141-144, 160-166, 171-180, 183-186 = 21m DATE:
 POSITION: 30m apart from EX-7 (1/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m3/Day)	REMARKS
13:55	0	-1.42	0	(40 l/s)		SWL = -1.42m
	0.5	-1.32	0.10			
	1	-0.62	0.80			
	1.5	-0.32	1.10			
	2	-0.12	1.30			
	2.5	0.08	1.50			
	3	0.18	1.60			
	3.5	0.28	1.70			
	4	0.38	1.80			
14:00	5	0.63	2.05			
	6	0.76	2.20			
	7	0.95	2.40			
	8	1.06	2.50			
	9	1.23	2.65			
14:05	10	1.30	2.72			
	11	1.43	2.85			
	12	1.50	2.92			
	13	1.56	2.96			
	14	1.67	3.09			
	15	1.77	3.19			
14:15	20	2.09	3.51			
	25	2.28	3.70			
14:25	30	2.49	3.91			
	45	2.78	4.20			
14:55	60	2.98	4.40			
	75	3.16	4.58			
	90	3.31	4.73			
	105	3.43	4.85			
15:55	120	3.55	4.97			
	135	3.63	5.05			
	150	3.71	5.13			
	165	3.78	5.20			
16:55	180	3.83	5.27			
	210	3.87	5.29			

DATA SHEET OF PUMPING TEST

WELL NO: Ob-3 LOCATION: HALDIBARI GL:
 STATUS: CONSTANT DISC. PUMP SETTING: - DEPTH (m): 200m
 SCREEN: 141-144, 160-166, 171-180, 183-186 = 21m DATE:
 POSITION: 30m apart from EX-7 (2/2)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m3/Day)	REMARKS
17:55	240	4.08	5.50			SWL = -1.42m
	270	4.20	5.62			
18:55	300	4.27	5.69			
	330	4.34	5.76			
19:55	360	4.43	5.85			
20:55	420	4.48	5.90			
	480	4.51	5.93			
22:55	540	4.53	5.95			
	600	4.66	6.08			
0:55	660	4.78	6.20			
	720	4.87	6.29			
2:55	780	4.93	6.35			
	840	4.98	6.40			
4:55	900	5.00	6.42			
	960	5.04	6.46			
6:55	1020	5.06	6.48			
	1080	5.11	6.53			
8:55	1140	5.16	6.58			
	1200	5.19	6.61			
10:55	1260	5.23	6.65			
	1320	5.25	6.67			
12:55	1380	5.28	6.70			
13:55	1440	5.28	6.70			
	1560					
	1680					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2850					

DATA SHEET OF PUMPING TEST

WELL NO: Ob-3 LOCATION: HALDIBARI GL:
 STATUS: RECOVERY TEST PUMP SETTING: - DEPTH (m): 200m
 SCREEN: 141-144, 160-166, 171-180, 183-186 = 21m DATE:
 POSITION: 30m apart from EX-7 (1/2)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
13:55	0	1440	5.28	6.70	SWL = -1.42
	0.5	1440.5	4.68	6.10	
	1	1441	4.43	5.85	
	1.5	1441.5	3.93	5.35	
	2	1442	3.83	5.25	
	2.5	1442.5	3.63	5.05	
	3	1443	3.53	4.95	
	4	1444	3.33	4.75	
14:00	5	1445	3.18	4.60	
	6	1446	2.90	4.32	
	7	1447	2.78	4.20	
	8	1448	2.66	4.08	
	9	1449	2.58	4.00	
14:05	10	1450	2.46	3.90	
	11	1451	2.40	3.82	
	12	1452	2.23	3.65	
	13	1453	2.09	3.51	
	14	1454	2.24	3.66	
	15	1455	1.92	3.35	
14:15	20	1460	3.74	3.16	
	25	1465	1.57	2.99	
14:25	30	1470	1.33	2.75	
	45	1485	1.03	2.45	
14:55	60	1500	0.83	2.25	
	75	1515	0.63	2.05	
	90	1530	0.53	1.95	
	105	1545	0.46	1.88	
15:55	120	1560	0.37	1.79	
	135	1575	0.28	1.70	
	150	1590	0.07	1.49	
	165	1605	-0.02	1.40	
16:55	180	1620	-0.07	1.35	
	210	1650	-0.16	1.26	
17:55	240	1680	-0.27	1.15	

DATA SHEET OF PUMPING TEST

WELL NO: Ob-3 LOCATION: HALDIBARI GL:
 STATUS: RECOVERY TEST PUMP SETTING: - DEPTH (m): 200m
 SCREEN: 141-144, 160-166, 171-180, 183-186 = 21m DATE:
 POSITION: 30m apart from EX-7 (2/2)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	REMARKS
	270	1710	-0.37	1.05	
18:55	300	1740	-0.44	0.96	
	330	1770	-0.52	0.90	
19:55	360	1800	-0.57	0.85	
	420	1860	-0.62	0.80	
21:55	480	1920	-0.68	0.74	
	540	1980	-0.82	0.60	
23:55	600	2040	-0.87	0.55	
	660	2100	-0.94	0.46	
1:55	720	2160	-1.02	0.40	
	780	2220	-1.07	0.35	
3:55	840	2280	-1.10	0.32	
	900	2340	-1.13	0.29	
5:55	960	2400	-1.15	0.27	
	1020	2460	-1.16	0.26	
7:55	1080	2520	-1.17	0.25	
	1140	2580	-1.21	0.21	
9:55	1200	2640	-1.27	0.15	
	1260	2700	-1.34	0.08	
11:00	1320	2760	-1.42	0.00	
	1380				
	1440				
	1500				
	1680				
	1800				
	1920				
	2040				
	2160				
	2280				
	2400				
	2520				
	2640				
	2520				
	2640				
	2850				

DATA SHEET OF PUMPING TEST

WELL NO: Ob-4 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 29.0m DATE:
 SCREEN: 100-112, 130-136 = 18m
 POSITION: 31.7m apart from EX-10 (1/3)

ELAPSED TIME (min)	First Stage Q= 15 l/s (1.296 m ³ /day)			Second Stage Q= 20 l/s (1.728 m ³ /day)			Third Stage Q= 30 l/s (2.592 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	7:00	3.20	0.00	10:00	3.92	0.72	13:00	4.16	0.96
0.5		3.35	0.15		3.92	0.72		4.18	0.98
1		3.47	0.27		3.93	0.73		4.21	1.01
1.5		3.53	0.33		3.94	0.74		4.23	1.03
2		3.58	0.38		3.95	0.75		4.25	1.06
2.5		3.61	0.41		3.96	0.76		4.28	1.08
3		3.64	0.44		3.97	0.77		4.30	1.10
4		3.66	0.46		3.96	0.76		4.32	1.12
5	7:05	3.67	0.47	10:05	3.99	0.79	13:05	4.33	1.13
6		3.69	0.49		4.00	0.79		4.34	1.14
7		3.71	0.51		4.00	0.80		4.35	1.15
8		3.72	0.52		4.01	0.81		4.36	1.16
9		3.73	0.53		4.01	0.81		4.37	1.17
10	7:10	3.74	0.54	10:10	4.02	0.81	13:10	4.38	1.18
11		3.75	0.55		4.02	0.82		4.38	1.18
12		3.77	0.57		4.03	0.83		4.39	1.19
13		3.77	0.57		4.04	0.84		4.39	1.19
14		3.79	0.59		4.05	0.85		4.40	1.20
15		3.80	0.60		4.06	0.85		4.40	1.20
20	7:20	3.81	0.61	10:20	4.07	0.87	13:20	4.40	1.20
25		3.82	0.62		4.08	0.87		4.41	1.21
30	7:30	3.83	0.63	10:30	4.08	0.88	13:30	4.41	1.21
40		3.84	0.64		4.09	0.89		4.42	1.22
50		3.85	0.65		4.10	0.90		4.42	1.22
60	8:00	3.86	0.66	11:00	4.11	0.91	14:00	4.42	1.22
70		3.86	0.66		4.12	0.91		4.43	1.23
80		3.87	0.67		4.12	0.92		4.43	1.23
90	8:30	3.87	0.67	11:30	4.13	0.93	14:30	4.44	1.24
100		3.87	0.67		4.13	0.93		4.44	1.24
110		3.87	0.67		4.13	0.93		4.44	1.24
120	9:00	3.88	0.68	12:00	4.14	0.94	15:00	4.45	1.25
140		3.89	0.69		4.15	0.95		4.45	1.25
160		3.90	0.70		4.15	0.95		4.45	1.25
180	10:00	3.92	0.72	13:00	4.16	0.96	16:00	4.46	1.26

Remarks: MP is 0.95m aq and SWL is 3.20m below MP. The SWL is 2.25m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: Ob-4 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 29.0m DATE:
 SCREEN: 100-112, 130-136 = 18m
 POSITION: 31.7m apart from EX-10 (2/3)

ELAPSED TIME (min)	Fourth Stage Q= 40 l/s (3.456 m ³ /day)			Fifth Stage Q= 35 l/s (3.024 m ³ /day)			Sixth Stage Q= 25 l/s (2.160 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	16:00	4.46	1.26	19:00	4.78	1.58	22:00	4.54	1.34
0.5		4.48	1.28		4.76	1.56		4.50	1.30
1		4.50	1.30		4.75	1.55		4.43	1.23
1.5		4.53	1.33		4.74	1.54		4.42	1.22
2		4.55	1.35		4.73	1.53		4.41	1.21
2.5		4.57	1.37		4.72	1.52		4.40	1.20
3		4.58	1.38		4.71	1.51		4.39	1.19
4		4.59	1.39		4.69	1.49		4.38	1.18
5	16:05	4.60	1.40	19:05	4.68	1.48	22:05	4.37	1.17
6		4.61	1.41		4.67	1.47		4.36	1.16
7		4.62	1.42		4.66	1.46		4.35	1.15
8		4.63	1.43		4.65	1.45		4.34	1.14
9		4.64	1.44		4.64	1.44		4.33	1.13
10	16:10	4.65	1.45	19:10	4.63	1.43	22:10	4.32	1.12
11		4.65	1.45		4.62	1.42		4.32	1.12
12		4.66	1.46		4.61	1.41		4.31	1.11
13		4.66	1.46		4.61	1.41		4.31	1.11
14		4.66	1.46		4.60	1.40		4.31	1.11
15		4.67	1.47		4.60	1.40		4.30	1.10
20	16:20	4.67	1.47	19:20	4.59	1.39	22:20	4.30	1.10
25		4.67	1.47		4.59	1.39		4.29	1.09
30	16:30	4.68	1.48	19:30	4.58	1.38	22:30	4.28	1.08
40		4.69	1.49		4.58	1.37		4.28	1.08
50		4.69	1.49		4.57	1.37		4.27	1.07
60	17:00	4.70	1.50	20:00	4.57	1.37	23:00	4.26	1.06
70		4.72	1.52		4.56	1.36		4.25	1.05
80		4.73	1.53		4.56	1.36		4.24	1.04
90	17:30	4.73	1.53	20:30	4.56	1.36	23:30	4.24	1.04
100		4.74	1.54		4.56	1.36		4.23	1.03
110		4.75	1.55		4.55	1.35		4.22	1.02
120	18:00	4.76	1.56	21:00	4.55	1.35	24:00	4.21	1.01
140		4.76	1.56		4.55	1.35		4.20	1.00
160		4.77	1.57		4.54	1.34		4.20	1.00
180	19:00	4.78	1.58	22:00	4.54	1.34	1:00	4.20	1.00

Remarks: MP is 0.95m aq and SWL is 3.20m below MP. The SWL is 2.25m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: Ob-4 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: STEP D.D. TEST PUMP SETTING: 29.0m DATE:
 SCREEN: 100-112, 130-136 = 18m
 POSITION: 31.7m apart from EX-10 (2/3)

ELAPSED TIME (min)	Seventh Stage Q= 15 l/s (1.296 m ³ /day)			Recovery Q= 0 (Stop Pump)			ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)			
0	1:00	4.20	1.00	4:00	3.79	0.59			
0.5		4.18	0.98		3.70	0.50			
1		4.16	0.96		3.66	0.48			
1.5		4.15	0.95		3.62	0.42			
2		4.13	0.93		3.60	0.40			
2.5		4.11	0.91		3.58	0.38			
3		4.10	0.90		3.57	0.37			
4		4.09	0.89		3.56	0.36			
5	1:05	4.07	0.87	4:05	3.54	0.34			
6		4.06	0.86		3.51	0.31			
7		4.05	0.85		3.50	0.30			
8		4.04	0.84		3.49	0.29			
9		4.03	0.83		3.48	0.27			
10	1:10	4.02	0.82	4:15	3.46	0.26			
11		4.01	0.81		3.44	0.24			
12		4.01	0.81		3.43	0.23			
13		4.02	0.81		3.43	0.22			
14		4.01	0.81		3.42	0.22			
15		4.00	0.80		3.40	0.20			
20	1:20	3.99	0.79	4:20	3.39	0.19			
25		3.96	0.76		3.38	0.18			
30	1:30	3.97	0.77	4:30	3.36	0.15			
40		3.96	0.76		3.35	0.14			
50		3.95	0.75		3.33	0.13			
60	2:00	3.94	0.74	5:00	3.32	0.12			
70		3.95	0.75		3.31	0.11			
80		3.92	0.72		3.30	0.10			
90	2:30	3.91	0.71	5:30	3.29	0.09			
100		3.89	0.69		3.28	0.08			
110		3.87	0.67		3.28	0.08			
120	3:00	3.86	0.66	6:00	3.27	0.07			
140		3.84	0.64		3.26	0.06			
160		3.81	0.61		3.26	0.06			
180	4:00	3.79	0.59	7:00	3.25	0.05			

Remarks: MP is 0.95m aq and SWL is 3.20m below MP. The SWL is 2.25m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: Ob-4 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: CONSTANT DISC. PUMP SETTING: - DATE:
 SCREEN: 100-112, 130-136 = 18m
 POSITION: 31.7m apart from EX-10 (2/3)

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /Day)	REMARKS
	0	3.20	0.00	(400/s)	(3456)	SWL = 2.25m bgl.
	0.5	3.35	0.15			(MP is 0.95m aq)
	1	3.50	0.30			
	1.5	3.60	0.40			
	2	3.70	0.50			
	2.5	3.83	0.63			
	3	3.83	0.63			
	3.5	3.84	0.64			
	4	3.93	0.73			
	5	3.96	0.76			
	6	4.04	0.84			
	7	4.09	0.89			
	8	4.13	0.93			
	9	4.16	0.96			
	10	4.20	1.00			
	11	4.24	1.04			
	12	4.26	1.06			
	13	4.28	1.08			
	14	4.31	1.11			
	15	4.33	1.13			
	20	4.39	1.19			
	25	4.43	1.23			
	30	4.47	1.27			
	45	4.52	1.32			
	60	4.56	1.36			
	75	4.58	1.38			
	90	4.61	1.41			
	105	4.65	1.45			
	120	4.66	1.46			
	135	4.67	1.47			
	150	4.67	1.47			
	165	4.68	1.48			
	180	4.68	1.48			
	210	4.69	1.49			

DATA SHEET OF PUMPING TEST

WELL NO: OB-4 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: CONSTANT DISC. PUMP SETTING: -- DATE:
 SCREEN: 100-112, 130-136 = 18m
 POSITION: 31.7m apart from EX-10 (27)

TIME	ELAPSED TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /Day)	REMARKS
17:00	240	4.70	1.50	(401s)	(3456)	SWL= 3.20M below MP
	270	4.71	1.51			(2.27m below ground level)
18:00	300	4.72	1.52			
	330	4.73	1.53			
19:00	360	4.74	1.54			
20:00	420	4.75	1.55			
21:00	480	4.77	1.57			
22:00	540	4.77	1.57			
23:00	600	4.78	1.58			
0:00	660	4.78	1.58			
	720	4.79	1.59			
2:00	780	4.79	1.59			
	840	4.80	1.60			
4:00	900	4.80	1.60			
	960	4.80	1.60			
6:00	1020	4.81	1.61			
	1080	4.81	1.61			
8:00	1140	4.81	1.61			
	1200	4.81	1.61			
10:00	1260	4.82	1.62			
	1320	4.82	1.62			
12:00	1380	4.83	1.62			
	1440	4.83	1.63			
15:00	1500					
	1560					
	1620					
	1680					
	1740					
	1800					
	1860					
	1920					
	1980					
	2040					
	2100					
	2160					
	2220					
	2280					
	2340					
	2400					
	2460					
	2520					
	2580					
	2640					
	2700					
	2760					
	2820					
	2880					

DATA SHEET OF PUMPING TEST

WELL NO: OB-4 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: RECOVERY TEST PUMP SETTING: 29m. DATE:
 SCREEN: 100-112, 130-136 = 18m
 DISCHARGE: 40.0 l/s (3,456.0 m³/day) for 1440 min. (13)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT	REMARKS
13:00	0	1440.00	4.83	1.63		SWL= 2.25m below GL
	0.5	1440.50	4.60	1.40		2881.00 (2.30m below MP)
	1	1441.00	4.42	1.22		1441.00
	1.5	1441.50	4.30	1.10		961.00
	2	1442.00	4.25	1.05		721.00
	2.5	1442.50	4.18	0.98		577.00
	3	1443.00	4.07	0.87		481.00
	4	1444.00	4.00	0.80		361.00
13:05	5	1445.00	3.97	0.77		289.00
	6	1446.00	3.92	0.72		241.00
	7	1447.00	3.84	0.64		206.71
	8	1448.00	3.79	0.59		181.00
	9	1449.00	3.75	0.55		161.00
13:10	10	1450.00	3.72	0.52		145.00
	11	1451.00	3.70	0.50		131.91
	12	1452.00	3.68	0.48		121.00
	13	1453.00	3.66	0.46		111.77
	14	1454.00	3.65	0.45		103.86
	15	1455.00	3.64	0.44		97.00
13:20	20	1460.00	3.60	0.40		73.00
	25	1465.00	3.56	0.36		58.60
13:30	30	1470.00	3.51	0.31		49.00
	40	1480.00	3.46	0.26		37.00
	50	1490.00	3.43	0.23		29.80
	60	1500.00	3.41	0.21		25.00
	70	1510.00	3.38	0.18		21.57
	80	1520.00	3.37	0.17		19.00
	90	1530.00	3.36	0.16		17.00
	100	1540.00	3.35	0.15		15.40
	110	1550.00	3.34	0.14		14.09
15:00	120	1560.00	3.33	0.13		13.00
	140	1580.00	3.32	0.12		11.29
	160	1600.00	3.31	0.11		10.00
16:00	180	1620.00	3.30	0.10		9.00

DATA SHEET OF PUMPING TEST

WELL NO: OB-4 LOCATION: BHALUBATHAN GL: DEPTH (m): 150m
 STATUS: RECOVERY TEST PUMP SETTING: 29m. DATE:
 SCREEN: 100-112, 130-136 = 18m
 DISCHARGE: 40.0 l/s (3,456.0 m³/day) for 1440 min. (13)

TIME	ELAPSED TIME (m)	ACCUM. TIME (m)	WATER LEVEL (m)	DRAW-DOWN (m)	ACT/ELT	REMARKS
	210	1610	3.29	0.09	7.86	SWL= 2.25m below GL
	240	1650	3.21	0.07	7.00	(3.20m below MP)
	270	1710	3.27	0.07	6.33	
	300	1740	3.26	0.06	5.80	
	330	1770	3.26	0.06	5.36	
	360	1800	3.24	0.04	5.00	
	420	1860	3.23	0.03	4.43	
	480	1920	3.23	0.02	4.00	
	540	1960	3.22	0.02	3.67	
	600	2040	3.22	0.02	3.40	
	660	2100	3.21	0.01	3.18	
	720	2160	3.21	0.01	3.00	
	780	2220	3.20	0.00	2.85	
	840	2280	3.20	0.00	2.71	
	900					
	960					
	1020					
	1080					
	1140					
	1200					
	1260					
	1320					
	1380					
	1440					
	1500					
	1560					
	1620					
	1680					
	1740					
	1800					
	1860					
	1920					
	1980					
	2040					
	2100					
	2160					
	2220					
	2280					
	2340					
	2400					
	2460					
	2520					
	2580					
	2640					

DATA SHEET OF PUMPING TEST

WELL NO: OB-5 LOCATION: #HAMIRGADHI GL: DEPTH (m): 100m
 STATUS: STEP D.D. TEST PUMP SETTING: 36m DATE:
 SCREEN: 40-43, 65-71, 89-92 = 12m
 POSITION: 28.23m apart from EX-5 (13)

ELAPSED TIME (min)	First Stage Q= 9.84 l/s (850.2 m ³ /day)			Second Stage Q= 20.5 l/s (1,771.2 m ³ /day)			Third Stage Q= 29.02 l/s (2,507.3 m ³ /day)		
	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)	ACT. TIME	WATER LEVEL (m)	DRAW-DOWN (m)
0	10:00	2.18	0	13:00	2.68	0.50	16:05	3.70	0.92
0.5		2.30	0.12		2.70	0.52		3.20	1.02
1		2.32	0.14		2.71	0.53		3.26	1.08
1.5		2.33	0.15		2.72	0.54		3.27	1.09
2		2.34	0.16		2.73	0.55		3.28	1.10
2.5		2.35	0.17		2.74	0.56		3.29	1.11
3		2.36	0.18		2.75	0.57		3.30	1.12
4		2.36	0.18		2.76	0.58		3.30	1.12
5	10:05	2.37	0.19	13:05	2.74	0.56	16:10	3.30	1.12
6		2.37	0.19		2.78	0.60		3.30	1.12
7		2.37	0.19		2.79	0.61		3.31	1.13
8		2.38	0.20		2.80	0.62		3.31	1.13
9		2.39	0.21		2.81	0.63		3.31	1.13
10	10:10	2.40	0.22	13:10	2.81	0.63	16:15	3.31	1.13
11		2.41	0.23		2.82	0.64		3.31	1.13
12		2.42	0.24		2.83	0.65		3.32	1.14
13		2.43	0.25		2.84	0.66		3.32	1.14
14		2.43	0.25		2.85	0.67		3.32	1.14
15		2.43	0.25		2.85	0.67		3.33	1.15
20	10:20	2.44	0.26	13:20	2.87	0.69	16:25	3.35	1.17
25		2.45	0.27		2.88	0.70		3.36	1.18
30	10:30	2.46	0.28		2.89	0.71		3.38	1.20
40		2.48	0.30		2.91	0.73		3.42	1.24
50		2.50	0.32		2.93	0.75		3.45	1.27
60	11:00	2.52	0.34	14:00	2.95	0.77	17:05	3.48	1.30
70		2.52	0.34		2.97	0.79		3.51	1.33
80		2.53	0.35		2.98	0.80		3.52	1.34
90	11:30	2.55	0.37		2.99	0.81		3.53	1.35
100		2.55	0.37		3.00	0.82		3.54	1.36
110		2.56	0.38		3.01	0.83		3.55	1.37
120	12:00	2.57	0.39	15:00	3.02	0.84	18:05	3.57	1.39
140		2.58	0.40		3.03	0.85		3.59	1.41
160		2.60	0.42		3.05	0.87		3.62	1.44
180	13:00	2.66	0.50	16:00	3.07	0.89	19:05	3.70	1.52

Remarks: MP: w 0.50m above GL. SWL: w 1.60m bgl.

DATA SHEET OF PUMPING TEST

WELL NO: Ob-5 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m
 STATUS: STEP D.D. TEST PUMP SETTING: 36m DATE:
 SCREEN: 40-43, 65-71, 89-92 = 12m
 POSITION: 28.23m apart from EX-5 (1/1)

ELAPSED TIME (min)	Fourth Stage Q = 40.06 l/s (3.4612 m ³ /day)		Fifth Stage Q = 29.02 l/s (2.5073 m ³ /day)		Sixth Stage Q = 24.60 l/s (2.1554 m ³ /day)	
	ACT. TIME	WATER LEVEL (m)	ACT. TIME	DRAW-DOWN (m)	ACT. TIME	DRAW-DOWN (m)
0	19:10	3.46	1.30	22:15	4.30	2.12
0.5		3.58	1.40		4.29	2.11
1		3.63	1.45		4.28	2.10
1.5		3.68	1.50		4.27	2.09
2		3.73	1.55		4.25	2.07
2.5		3.74	1.56		4.24	2.06
3		3.75	1.57		4.22	2.04
4		3.76	1.58		4.21	2.03
5	19:15	3.77	1.59	22:20	4.19	2.01
6		3.70	1.60		4.17	1.99
7		3.79	1.61		4.15	1.97
8		3.80	1.62		4.13	1.95
9		3.81	1.63		4.11	1.93
10	19:20	3.82	1.64	22:25	4.08	1.90
11		3.83	1.65		4.06	1.88
12		3.84	1.66		4.04	1.86
13		3.85	1.67		4.03	1.85
14		3.86	1.68		4.01	1.83
15		3.87	1.69		3.99	1.81
20	19:30	3.90	1.72	22:35	3.97	1.79
25		3.92	1.75		3.95	1.77
30	19:40	3.95	1.77	22:45	3.92	1.74
40		3.98	1.80		3.90	1.72
50		4.06	1.88		3.88	1.70
60	20:10	4.15	1.97	23:15	3.86	1.68
70		4.19	2.01		3.84	1.66
80		4.20	2.02		3.82	1.64
90		4.22	2.04		3.80	1.62
100		4.23	2.05		3.78	1.60
110		4.25	2.07		3.77	1.59
120	21:10	4.28	2.10	01:15	3.76	1.58
140		4.30	2.12		3.75	1.57
160		4.31	2.13		3.75	1.57
180	22:10	4.31	2.13	1:15	3.74	1.56

Remarks: MP is 0.56m above GL. SWL is 1.62m bgl

DATA SHEET OF PUMPING TEST

WELL NO: Ob-5 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m
 STATUS: STEP D.D. TEST PUMP SETTING: 36m DATE:
 SCREEN: 40-43, 65-71, 89-92 = 12m
 POSITION: 28.23m apart from EX-15 (1/1)

ELAPSED TIME (min)	Seventh Stage Q = 14.82 l/s (1.2804 m ³ /day)		Recovery Q = 0 (Stop Pump)		Recovery	
	ACT. TIME	WATER LEVEL (m)	ACT. TIME	WATER LEVEL (m)	ACT. TIME	DRAW-DOWN (m)
0	4:20	3.82	1.64	7:30	3.45	1.27
0.5		3.82	1.64		3.44	1.26
1		3.82	1.64		3.43	1.25
1.5		3.81	1.63		3.42	1.24
2		3.80	1.62		3.41	1.23
2.5		3.79	1.61		3.38	1.20
3		3.78	1.60		3.36	1.18
4		3.71	1.53		3.34	1.16
5	4:25	3.76	1.55	7:25	3.32	1.14
6		3.75	1.57		3.30	1.12
7		3.74	1.56		3.28	1.10
8		3.73	1.55		3.26	1.08
9		3.72	1.54		3.24	1.06
10	4:30	3.71	1.53	7:30	3.22	1.04
11		3.69	1.51		3.20	1.02
12		3.68	1.50		3.18	1.00
13		3.67	1.49		3.15	0.97
14		3.68	1.50		3.12	0.94
15		3.68	1.50		3.03	0.87
20	4:40	3.64	1.46	7:40	2.99	0.81
25		3.60	1.42		2.95	0.77
30	4:50	3.56	1.38	7:50	2.94	0.76
40		3.51	1.33		2.94	0.76
50		3.46	1.30		2.92	0.74
60	5:20	3.48	1.30	8:20	2.90	0.72
70		3.48	1.30		2.88	0.70
80		3.48	1.30		2.83	0.67
90		3.48	1.30		2.73	0.57
100		3.48	1.30		2.70	0.52
110		3.48	1.30		2.68	0.50
120	6:20	3.48	1.30	9:20	2.66	0.48
140		3.45	1.27		2.64	0.46
160		3.40	1.22		2.63	0.45
180	7:20	3.45	1.27	10:20	2.62	0.44

Remarks: Final recovery water level was upper than the starting WL.

DATA SHEET OF PUMPING TEST

WELL NO: Ob-5 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m
 STATUS: CONSTANT DISC. PUMP SETTING: - DATE:
 SCREEN: 40-43, 65-71, 89-92 = 12m
 POSITION: 28.23m apart from EX-15 (1/2)

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
11:00	0	2.03	0	34.7	2.998.1	SWL = 1.47m bgl.
	0.5	2.15	0.12			MP is 0.56m above GL.
	1	2.18	0.15			
	1.5	2.25	0.22			
	2	2.30	0.27			
	2.5	2.35	0.32			
	3	2.40	0.37			
	3.5	2.45	0.42			
	4	2.50	0.47			
11:05	5	2.55	0.52			
	6	2.58	0.55			
	7	2.60	0.57			
	8	2.65	0.62			
	9	2.70	0.67			
11:10	10	2.75	0.72			
	11	2.80	0.77			
	12	2.84	0.81			
	13	2.86	0.83			
	14	2.88	0.85			
	15	2.90	0.87			
11:20	20	2.93	0.90			
	25	2.96	0.93			
11:30	30	3.00	0.97			
	45	3.10	1.07			
12:00	60	3.21	1.18			
	75	3.31	1.28			
	90	3.41	1.38			
	105	3.43	1.40			
13:00	120	3.51	1.48			
	135	3.53	1.50			
	150	3.56	1.53			
	165	3.58	1.55			
14:00	180	3.62	1.59			
	210	3.68	1.65			

DATA SHEET OF PUMPING TEST

WELL NO: Ob-5 LOCATION: JHAMIRGADHI GL: DEPTH (m): 100m
 STATUS: CONSTANT DISC. PUMP SETTING: - DATE:
 SCREEN: 40-43, 65-71, 89-92 = 12m
 POSITION: 28.23m apart from EX-15 (2/2)

TIME	ELAPSED TIME (min)	WATER LEVEL (m)	DRAW-DOWN (m)	PUMPING RATE (l/s)	-DITTO- (m ³ /day)	REMARKS
15:00	240	3.69	1.66	34.7	2.998.1	SWL = 1.47m bgl.
	270	3.76	1.73			MP is 0.56m above GL.
16:00	300	3.82	1.79			
	330	3.84	1.81			
17:00	360	3.91	1.88			
	420	3.98	1.95			
18:00	480	4.07	2.04			
	540	4.09	2.06			
21:00	600	4.10	2.07			
	660	4.14	2.11			
23:00	720	4.23	2.20			
	780	4.28	2.25			
1:00	840	4.31	2.28			
	900	4.34	2.31			
3:00	960	4.38	2.35			
	1020	4.36	2.33			
5:00	1080	4.38	2.35			
	1140	4.40	2.37			
7:00	1200	4.43	2.40			
	1260	4.48	2.45			
9:00	1320	4.50	2.47			
	1380	4.52	2.49			
11:00	1440	4.52	2.49			
	1500					
	1600					
	1800					
	1920					
	2040					
	2160					
	2280					
	2400					
	2520					
	2640					
	2800					

