



APPENDIX

RECORDED LANDSLIDE INCIDENTS ALONG TAWAGHAT - JIPTI ROUTE CORRIDOR (YEAR, 2000)

Source- 65 RCC, GREF, BRO, PITHORAGARH, UTTARANCHAL

SR. NO.	DATE	LOCATION IN KILOMETERS	LOCATION NAME	VOLUME	TYPE	REASON	NO. OF RECURRENCE
1.	January 2000	15.90	Mangti	30×3.7×5.0	SMB/HR	Due to Rain	01
2.	January 2000	17.15	Mangti	150×4.0×6.0	SMB/HR	Due to Rain	01
3.	January 2000	17.30	Mangti	30×2.0×2.0	SMB/HR	Due to Rain	01
4.	January 2000	17.40	Mangti	20×4.0×3.0	SMB/HR	Due to Rain	01
5.	January 2000	17.45	Mangti	35×4.0×4.0	SMB/HR	Due to Rain	01
6.	January 2000	17.60	Mangti	150×4.0×3.0	SMB/HR	Due to Rain	01
7.	January 2000	17.90	Mangti	20×2.0×2.0	SMB/HR	Due to Rain	01
8.	January 2000	18.16	Mangti	40×3.0×4.0	SMB/HR	Due to Rain	01
9.	January 2000	18.36	Mangti	80×2.5×4.0	SMB/HR	Due to Rain	01
10.	January 2000	18.47	Mangti	50×3.5×6.0	SMB/HR	Due to Rain	01
11.	January 2000	18.50	Mangti	10×3.6×5.0	SMB/HR	Due to Rain	01
12.	January 2000	18.60	Mangti	20×3.0×5.0	SMB/HR	Due to Rain	01
13.	January 2000	18.78	Mangti	10×3.0×4.0	SMB/HR	Due to Rain	01
14.	January 2000	05.30	Tintola	80.5×6.0×8.0	SMB/HR	Due to Rain	03
15.	January 2000	18.50	Mangti	50×4.0×12.0	SMB/HR	Due to Rain	01
16.	July 2000	05.20	Tintola	30×6.0×4.0	SMB/HR	Due to Rain	05
17.	July 2000	08.75	Gasku	10×3.0×1.5	SMB/HR	Due to Rain	01
18.	August 2000	12.50	Gasku	18×5.0×2.5	SMB/HR	Due to Rain	02
19.	August 2000	13.30	Mangti	10×3.5×3.4	SMB/HR	Due to Rain	01
20.	August 2000	16.40	Mangti	17.5×4.5×1.5	SMB/HR	Due to Rain	01
21.	August 2000	15.20	Mangti	20×3.0×4.0	SMB/HR	Due to Rain	01
22.	August 2000	16.50	Mangti	25×3.0×5.0	SMB/HR	Due to Rain	01
23.	August 2000	17.25	Mangti	22×5.0×3.5	SMB/HR	Due to Rain	01
24.	August 2000	18.12	Mangti	35×5.0×4.0	SMB/HR	Due to Rain	01
25.	August 2000	00.50	Mangti	8×4.0×5.0	SMB/HR	Due to Rain	01

APPENDIX - 1

RECORDED LANDSLIDE INCIDENTS ALONG TAWAGHAT - JIPTI ROUTE CORRIDOR (YEAR, 2001)
Source- 65 RCC, GREF, BRO, PITHORAGARH, UTTARANCHAL

SR.NO.	DATE	LOCATION IN KILOMETERS	LOCATION NAME	VOLUME	TYPE	REASON	NO. OF RECURRENCE
1	15.05.2001	01.6	Tintola	70×2.0×10.0	SMB/HR	Due to Rain	01
2	23.05.2001	05.2	Tintola	126×4.0×8.0	SMB/HR	Due to Rain	07
3	23.06.2001	10.6	Gasku	10.5×3.0×4.0	SMB/HR	Due to Rain	01
4	23.06.2001	16.4	Mangti	12×4.0×3.0	SMB/HR	Due to Rain	01
5	12.07.2001	05.0	Tintola	11×3.0×5.0	SMB/HR	Due to Rain	01
6	12.07.2001	06.5	Tintola	12×3.0×4.5	SMB/HR	Due to Rain	02
7	13.07.2001	08.0	Gasku	10×2.8×3.5	SMB/HR	Due to Rain	01
8	14.07.2001	06.8	Gasku	96×3.0×3.0	SMB/HR	Due to Rain	02
9	28.07.2001	01.3	Tintola	40×5.0×10	SMB/HR	Due to Rain	01
10	28.07.2001	02.1	Tintola	50×2.0×10	SMB/HR	Due to Rain	01
11	28.07.2001	03.2	Tintola	70×2.0×12	SMB/HR	Due to Rain	01
12	28.07.2001	03.5	Tintola	20×2.0×18	SMB/HR	Due to Rain	01
13	28.07.2001	03.8	Tintola	60×20×1.0	SMB/HR	Due to Rain	01
14	28.07.2001	04.2	Tintola	20×2.0×10	SMB/HR	Due to Rain	01
15	28.07.2001	04.8	Tintola	30×2.0×12	SMB/HR	Due to Rain	01
16	31.07.2001	06.8	Gasku	20×3.0×1.0	SMB/HR	Due to Rain	01
17	02.08.2001	03.3	Tintola	5×2.5×2.5	SMB/HR	Due to Rain	01
18	02.08.2001	11.6	Gasku	4.5×2.0×1.0	SMB/HR	Due to Rain	01
19	07.08.2001	00.6	Tintola	12×3.5×4.0	SMB/HR	Due to Rain	01
20	14.08.2001	00.5	Tintola	15×3.5×4.0	SMB/HR	Due to Rain	02
21	16.08.2001	10.5	Gasku	12×3.6×2	SMB/HR	Due to Rain	01
22	18.08.2001	16.3	Mangti	15×4.0×1.5	SMB/HR	Due to Rain	01

APPENDIX - 1

RECORDED LANDSLIDE INCIDENTS ALONG TAWAGHAT - JIPTI ROUTE CORRIDOR (YEAR, 2002)

Source- 65 RCC, GREF, BRO, PITHORAGARH, UTTARANCHAL

Sr. No	Location of Slide Distance from Tawaghat (km)	Date of 1st Occurrence During Half Year	Maximum Length Width & Height (m)	No. of Slides Occurred During Half Year	Brief Description of Damage to Govt/Private Property Life, etc.	Type of Soil as per IS:948/170	Remarks/ Triggering Factor
1	4.80	16th April	30x5x2	1	Surfacing works damaged	SMB	Rainfall
2	3.30	17th May	20x2x1	1	Surfacing works damaged	SMB	Rainfall
3	5.30	29th May	10x2x3	1	Surfacing works damaged	SMB	Rainfall
4	7.30	2nd June	12x2x1	1	Surfacing works damaged	SMB	Rainfall
5	17.00	5th July	20x4x1	1	Surfacing works damaged	SMB	Rainfall
6	17.50	12th July	50x1.5x2	1	Surfacing works damaged	SMB	Rainfall
7	18.70	12th July	50x3x4	1	Surfacing works damaged	SMB	Rainfall
8	19.20	12th July	15x4x2.5	1	Surfacing works damaged	SMB	Rainfall
9	17.02	12th July	15x4x2.5	1	RD Rmn damaged 15x4 m	SMB	Rainfall
10	16.88	6th August	30x5x4	1	GSB, WBM & BT fully damaged	SMB	Rainfall
11	0.50	7th August	10x5x1.5	2	GSB, WBM & BT fully damaged	SMB	Rainfall
12	5.15	12th August	30x5.5x4.5	2	GSB, WBM & BT fully damaged	SMB	Rainfall
13	12.00	24th August	5.5x3.2x2	1	GSB, WBM & BT fully damaged	SMB	Rainfall
14	5.25	25th August	24x4.5x1	2	GSB, WBM & BT fully damaged	SMB	Rainfall
15	18.10	26th August	30x4x2	1	GSB, WBM & BT fully damaged	SMB	Rainfall
16	13.23	27th August	30x6x1.5	1	GSB, WBM & BT fully damaged	SMB	Rainfall
17	17.10	28th August	20x4x3	1	GSB, WBM & BT fully damaged	SMB	Rainfall
18	17.00	30th August	15x4x1	1	GSB, WBM & BT fully damaged	SMB	Rainfall
19	18.50	30th August	20x4x2	1	GSB, WBM & BT fully damaged	SMB	Rainfall
20	20.70	30th August	20x5x2	1	GSB, WBM & BT fully damaged	SMB	Rainfall
21	20.70	31st August	20x4x1.5	1	GSB, WBM & BT fully damaged	SMB	Rainfall
22	9.12	2nd September	15x6x3	1	GSB, WBM & BT fully damaged	SMB	Rainfall
23	17.10	4th September	30x5x3	1	GSB, WBM & BT fully damaged	SMB	Rainfall
24	5.52	7th September	15x4x3.5	3	GSB, WBM & BT fully damaged	SMB	Rainfall
25	19.60	9th September	25x5x5	1	GSB, WBM & BT fully damaged	SMB	Rainfall
26	0.50	9th September	15x5.5x4.5	1	GSB, WBM & BT fully damaged	SMB	Rainfall

APPENDIX - 1

RECORDED LANDSLIDE INCIDENTS ALONG TAWAGHAT - JIPTI ROUTE CORRIDOR (YEAR, 2003)
Source- 65 RCC, GREF, BRO, PITHORAGARH, UTTARANCHAL

SR NO.	DATE	LOCATION IN KILOMETERS	LOCATION NAME	VOLUME	TYPE	REASON	NO. OF RECURRENCE
1	01.02.2003	14.65	Mangti	30×6.0×10	SMB/HR	Due to Rain	01
2	19.02.2003	21.1	Mangti	15×5.0×2.0	SMB/HR	Due to Rain	01
3	19.02.2003	22.4	Mangti	15×5.0×2.0	SMB/HR	Due to Rain	01
4	20.02.2003	4.8	Tintola	10×6.0×2.0	SMB/HR	Due to Rain	01
5	20.02.2003	5.3	Tintola	40×2.0×2.5	SMB/HR	Due to Rain	01
6	20.02.2003	7.0	Gasku	30×5.0×1.0	SMB/HR	Due to Rain	01
7	03.03.2003	17.00	Mangti	20×4.0×2.0	SMB/HR	Due to Rain	01
8	03.03.2003	20.8	Mangti	25×4.5×3.0	SMB/HR	Due to Rain	01
9	03.03.2003	22.6	Mangti	20×3.0×2.5	SMB/HR	Due to Rain	01
10	05.05.2003	21.25	Mangti	40×6.0×7.0	SMB/HR	Due to Rain	02
11	07.05.2003	2.9	Tintola	40×6.0×5.0	SMB/HR	Due to Rain	01
12	07.07.2003	21.310	Mangti	40×6.0×5.0	SMB/HR	Due to Rain	02
13	08.07.2003	17.3	Mangti	20×6.0×2.0	SMB/HR	Due to Rain	01
14	10.07.2003	0.4	Tintola	30×4.0×3.0	SMB/HR	Due to Rain	01
15	11.07.2003	16.6	Mangti	40×4.0×3.0	SMB/HR	Due to Rain	01
16	23.07.2003	23.0	Mangti	35×8.0×6.0	SMB/HR	Due to Rain	02
17	24.07.2003	17.15	Mangti	80×6.0×2.0	SMB/HR	Due to Rain	05
18	24.07.2003	17.3	Mangti	40×6.0×2.0	SMB/HR	Due to Rain	02
19	24.07.2003	19.4	Mangti	50×4.0×4.0	SMB/HR	Due to Rain	04
20	24.07.2003	23.15	Mangti	40×6.0×5.0	SMB/HR	Due to Rain	04
21	24.07.2003	23.4	Mangti	50×6.0×5.0	SMB/HR	Due to Rain	02
22	26.07.2003	21.4	Mangti	40×5.0×4.0	SMB/HR	Due to Rain	03
23	28.07.2003	18.4	Mangti	60×5.0×4.0	SMB/HR	Due to Rain	02
24	28.07.2003	23.9	Mangti	50×4.0×5.0	SMB/HR	Due to Rain	01
25	28.07.2003	5.15	Gasku	10×4.0×1.0	SMB/HR	Due to Rain	01
26	29.07.2003	5.20	Gasku	40×3.0×1.0	SMB/HR	Due to Rain	01

APPENDIX - 1

27	30.07.2003	5.25	Gasku	70×4.5×4.0	SMB/HR	Due to Rain	02
28	30.07.2003	5.4	Gasku	150×6.1×20	SMB/HR	Due to Rain	02
29	01.08.2003	22.90	Gasku	30×6.0×6.0	SMB/HR	Due to Rain	01
30	04.08.2003	8.5	Gasku	25×6.1×3.0	SMB/HR	Due to Rain	02
31	04.08.2003	16.35	Mangti	25×6.1×5.0	SMB/HR	Due to Rain	01
32	04.08.2003	23.5	Mangti	40×6.0×1.0	SMB/HR	Due to Rain	01
33	08.08.2003	7.10	Gasku	40×6.0×2.0	SMB/HR	Due to Rain	01
34	09.08.2003	21.20	Mangti	20×5.0×4.0	SMB/HR	Due to Rain	02
35	10.08.2003	22.30	Mangti	25×4.0×2.0	SMB/HR	Due to Rain	03
36	12.08.2003	8.70	Gasku	40×6.0×5.0	SMB/HR	Due to Rain	01
37	12.08.2003	8.8	Gasku	10×6.0×2.0	SMB/HR	Due to Rain	03
38	12.08.2003	14.6	Gasku	10×6.0×1.0	SMB/HR	Due to Rain	01
39	14.08.2003	18.8	Mangti	40×6.0×5.0	SMB/HR	Due to Rain	01
40	18.08.2003	18.5	Mangti	40×5.0×4.0	SMB/HR	Due to Rain	02
41	19.08.2003	6.55	Gasku	40×6.0×5.0	SMB/HR	Due to Rain	01
42	20.08.2003	0.65	Gasku	40×6.0×20	SMB/HR	Due to Rain	02
43	20.08.2003	5.3	Gasku	40×6.0×5.0	SMB/HR	Due to Rain	02
44	20.08.2003	12.85	Mangti	5.0×3.0×2.0	SMB/HR	Due to Rain	01
45	21.08.2003	6.10	Gasku	20×6.0×2.0	SMB/HR	Due to Rain	02
46	21.08.2003	7.800	Gasku	40×6.0×3.0	SMB/HR	Due to Rain	01
47	21.08.2003	12.9	Mangti	40×4.0×3.0	SMB/HR	Due to Rain	02
48	23.08.2003	18.75	Mangti	15×5.0×3.0	SMB/HR	Due to Rain	02
49	26.08.2003	3.2	Gasku	10×6.0×4.0	SMB/HR	Due to Rain	01
50	26.08.2003	17.25	Mangti	15×5.0×3.0	SMB/HR	Due to Rain	02
51	26.08.2003	18.3	Mangti	15×5.0×3.0	SMB/HR	Due to Rain	01
52	26.08.2003	21.4	Mangti	20×5.0×2.0	SMB/HR	Due to Rain	01
53	29.08.2003	3.3	Gasku	8.0×5.0×3.0	SMB/HR	Due to Rain	01
54	29.08.2003	12.6	Mangti	60×6.0×3.5	SMB/HR	Due to Rain	02
55	02.09.2003	18.00	Mangti	15×4.0×3.0	SMB/HR	Due to Rain	04
56	02.09.2003	19.8	Mangti	35×5.0×5.0	SMB/HR	Due to Rain	01

APPENDIX – 1

57	04.09.2003	21.3	Mangti	25×3.0×2.0	SMB/HR	Due to Rain	01
58	04.09.2003	21.6	Mangti	30×6.0×4.0	SMB/HR	Due to Rain	01
59	04.09.2003	22.1	Mangti	20×4.0×3.0	SMB/HR	Due to Rain	02
60	05.09.2003	6.7	Gasku	20×4.0×2.0	SMB/HR	Due to Rain	01
61	06.09.2003	8.6	Gasku	30×6.0×4.0	SMB/HR	Due to Rain	01
62	07.09.2003	17.8	Mangti	30×4.0×3.0	SMB/HR	Due to Rain	01
63	07.09.2003	18.6	Mangti	20×5.0×4.0	SMB/HR	Due to Rain	01
64	07.09.2003	22.9	Mangti	35×5.0×4.5	SMB/HR	Due to Rain	01
65	08.09.2003	3.3	Gasku	30×6.0×3.0	SMB/HR	Due to Rain	02
66	08.09.2003	6.55	Gasku	50×6.0×5.0	SMB/HR	Due to Rain	01
67	08.09.2003	3.4	Gasku	30×4.0×2.0	SMB/HR	Due to Rain	02
68	10.09.2003	19.1	Mangti	20×5.0×5.0	SMB/HR	Due to Rain	01
69	11.09.2003	11.2	Mangti	20×6.0×4.0	SMB/HR	Due to Rain	01
70	12.09.2003	16.05	Mangti	20×6.0×3.0	SMB/HR	Due to Rain	01
71	15.09.2003	6.5	Gasku	20×5.0×3.0	SMB/HR	Due to Rain	01
72	18.09.2003	17.350	Mangti	30×5.0×5.0	SMB/HR	Due to Rain	01
73	18.09.2003	20.310	Mangti	25×5.0×2.0	SMB/HR	Due to Rain	01
74	18.09.2003	23.3	Mangti	35×5.0×3.0	SMB/HR	Due to Rain	01
75	18.09.2003	19.45	Mangti	20×5.0×3.0	SMB/HR	Due to Rain	01
76	10.09.2003	3.4	Tawaghat	30×4.0×2.0	SMB/HR	Due to Rain	01
77	10.09.2003	6.5	Tawaghat	06×5.0×12	SMB/HR	Due to Rain	03
78	10.09.2003	12.6	Gasku	50×6.0×2.0	SMB/HR	Due to Rain	03
79	12.09.2003	19.24	Mangti	20×6.0×3.0	SMB/HR	Due to Rain	01
80	12.09.2003	19.4	Mangti	15×5.0×5.0	SMB/HR	Due to Rain	02
81	12.09.2003	21.3	Mangti	30×6.0×4.0	SMB/HR	Due to Rain	01
82	12.09.2003	22.1	Mangti	30×5.0×3.0	SMB/HR	Due to Rain	01
83	12.09.2003	22.9	Mangti	30×5.0×4.0	SMB/HR	Due to Rain	02
84	12.09.2003	23.15	Mangti	40×6.0×5.0	SMB/HR	Due to Rain	02
85	13.09.2003	16.050	Mangti	20×6.0×3.0	SMB/HR	Due to Rain	01
86	14.09.2003	14.0	Mangti	10×5.0×6.0	SMB/HR	Due to Rain	01

APPENDIX - 1

87	14.09.2003	24.0	Mangti	30×6.0×4.0	SMB/HR	Due to Rain	01
88	14.09.2003	23.1	Mangti	30×5.0×4.0	SMB/HR	Due to Rain	01
89	14.09.2003	22.9	Mangti	50×6.0×5.0	SMB/HR	Due to Rain	01
90	17.09.2003	17.15	Mangti	15×5.0×3.0	SMB/HR	Due to Rain	01
91	20.09.2003	17.35	Mangti	20×5.0×3.0	SMB/HR	Due to Rain	01
92	25.09.2003	18.9	Mangti	20×4.0×3.0	SMB/HR	Due to Rain	01
93	25.09.2003	23.05	Mangti	30×5.0×3.0	SMB/HR	Due to Rain	01

RECORDED LANDSLIDE INCIDENTS ALONG TAWAGHAT - JIPTI ROUTE CORRIDOR (YEAR, 2004 and 2005)
Source- 65 RCC, GREY, BRO, PITHORAGARH, UTTARANCHAL

Sr. No.	DATE	LOCATION IN KILOMETERS	LOCATION NAME	VOLUME	TYPE	REASON	NO. OF RECURRENCE
1	04.04.2004	3.00	Gasku	8×3.5×2.5	SMB	Due to Rain	01
2	21.05.2004	23.5	Mangti	15×5.0×3.0	SMB	Due to Rain	01
3	21.05.2004	24.25	Mangti	15×6.0×2.0	SMB	Due to Rain	01
4	21.05.2004	25.45	Mangti	20×6.0×1.0	SMB	Due to Rain	01
5	22.05.2004	23.5	Mangti	15×5.0×3.0	SMB	Due to Rain	01
6	22.05.2004	24.25	Tintola	Fmn damaged	SMB	Due to Rain	01
7	22.05.2004	25.95	Mangti	Fmn damaged	SMB	Due to Rain	01
8	09.06.2004	16.9	Mangti	20×5.0×2.0	SMB	Due to Rain	01
9	09.06.2004	17.1	Mangti	20×4.25×1.25	SMB	Due to Rain	01
10	12.06.2004	4.9	Gasku	55×5.75×2.25	SMB	Due to Rain	01
11	12.06.2004	5.3	Gasku	18×6.0×3.0	SMB	Due to Rain	01
12	17.06.2004	17.3	Mangti	20×5.0×1.5	SMB	Due to Rain	01
13	17.06.2004	22.75	Mangti	06×3.5×1.5	SMB	Due to Rain	01
14	21.06.2004	22.25	Mangti	22×5.0×1.75	SMB	Due to Rain	01
15	22.06.2004	22.8	Mangti	31×5.0×1.8	SMB	Due to Rain	01
16	22.06.2004	5.2	Gasku	12×4.5×2.5	SMB	Due to Rain	01
17	23.06.2004	17.25	Mangti	15×6.0×2.5	SMB	Due to Rain	01
18	23.06.2004	22.16	Mangti	15×5.5×2.0	SMB	Due to Rain	01

APPENDIX - 1

19	06.07.2004	7.5	Gasku	22×6.0×3.5	SMB	Due to Rain	01
20	06.07.2004	5.3	Gasku	20×4.0×3.0	SMB	Due to Rain	01
21	13.07.2004	22.15	Mangti	07×4.0×3.0	SMB	Due to Rain	01
22	13.07.2004	23.4	Mangti	15×5.5×5.0	SMB	Due to Rain	01
23	13.07.2004	25	Mangti	30×6.0×3.0	SMB	Due to Rain	01
24	13.07.2004	25.75	Mangti	15×4.0×3.5	SMB	Due to Rain	01
25	13.07.2004	26.7	Mangti	30×3.0×4.0	SMB	Due to Rain	01
26	13.07.2004	19	Mangti	35×6.0×7.0	SMB	Due to Rain	01
27	13.07.2004	-	Mangti	10×5.0×1.5	SMB	Due to Rain	01
28	16.07.2004	13.7	Gasku	Fmn washed	SMB	Due to Rain	01
29	16.07.2004	17.25	Mangti	18×4.0×1.5	SMB	Due to Rain	01
30	16.07.2004	19.6	Mangti	15×5.0×1.0	SMB	Due to Rain	01
31	19.07.2004	3.2	Gasku	20×4.0×2.0	SMB	Due to Rain	01
32	19.07.2004	5.20	Gasku	35×7.0×5.0	SMB	Due to Rain	01
33	19.07.2004	11.75	Gasku	15×6.0×2.0	SMB	Due to Rain	01
34	20.07.2004	17.250	Mangti	-	SMB	Due to Rain	01
35	20.07.2004	11.75	Gasku	-	SMB	Due to Rain	01
36	21.07.2004	11.75	Gasku	-	SMB	Due to Rain	01
37	22.07.2004	11.75	Gasku	-	SMB	Due to Rain	01
38	23.07.2004	11.75	Gasku	22×6.0×2.0	SMB	Due to Rain	01
39	24.07.2004	23.4	Mangti	30×6.0×4.0	SMB	Due to Rain	01
40	24.07.2004	25.0	Mangti	20×5.0×4.0	SMB	Due to Rain	01
41	24.07.2004	25.75	Mangti	32×5.0×4.0	SMB	Due to Rain	01
42	24.07.2004	26.7	Mangti	15×5.0×4.0	SMB	Due to Rain	01
43	24.07.2004	27.00	Mangti	15×4.0×2.5	SMB	Due to Rain	01
44	24.07.2004	0.8	Gasku	20×6.0×3.0	SMB	Due to Rain	01
45	24.07.2004	17.25	Mangti	15×4.0×2.0	SMB	Due to Rain	01
46	24.07.2004	17.95	Mangti	-	SMB	Due to Rain	01
47	24.07.2004	-	Mangti	20×5.0×6.0	SMB	Due to Rain	01

APPENDIX - 1

48	31.07.2004	15.7	Gasku	11×4.0×2.0	SMB	Due to Rain	01
49	08.07.2004	27.10	Mangti	landslide	SMB	Due to Rain	01
50	08.07.2004	-	Mangti	18×5.0×2.5	SMB	Due to Rain	01
51	08.07.2004	27.10	Mangti	landslide	SMB	Due to Rain	01
52	09.07.2004	7.5	Gasku	07×4.0×3.0	SMB	Due to Rain	01
53	10.07.2004	22.5	Mangti	07×4.0×3.0	SMB	Due to Rain	01
54	10.07.2004	25	Mangti	30×6.0×3.0	SMB	Due to Rain	01
55	10.07.2004	25.75	Mangti	15×4.0×3.0	SMB	Due to Rain	01
56	10.07.2004	26.7	Mangti	30×5.0×4.0	SMB	Due to Rain	01
57	10.07.2004	19.63	Mangti	05×2.0×1.0	SMB	Due to Rain	01
58	10.07.2004	11.75	Gasku	30×5.0×2.0	SMB	Due to Rain	01
59	10.07.2004	17.25	Mangti	-	SMB	Due to Rain	01
60	10.07.2004	22.15	Mangti	40×6.0×3.0	SMB	Due to Rain	01
61	10.07.2004	3.5	Gasku	12×6.0×7.0	SMB	Due to Rain	01
62	11.07.2004	22.15	Mangti	07×4.0×3.0	SMB	Due to Rain	01
63	11.07.2004	23.4	Mangti	15×5.5×5.0	SMB	Due to Rain	01
64	11.07.2004	25.0	Mangti	30×6.0×3.0	SMB	Due to Rain	01
65	11.07.2004	25.75	Mangti	15×4×350	SMB	Due to Rain	01
66	11.07.2004	26.7	Mangti	30×5.0×4.0	SMB	Due to Rain	01
67	11.07.2004	9.6	Gasku	15×4.0×3.0	SMB	Due to Rain	01
68	12.07.2004	22.15	Mangti	07×4.0×3.0	SMB	Due to Rain	01
69	12.07.2004	23.4	Mangti	15×5.5×5.0	SMB	Due to Rain	01
70	12.07.2004	25.0	Mangti	30×6.0×3.0	SMB	Due to Rain	01
71	12.07.2004	25.75	Mangti	15×4.0×3.5	SMB	Due to Rain	01
72	12.07.2004	26.7	Mangti	30×5.0×4.0	SMB	Due to Rain	01
73	12.07.2004	19.6	Mangti	15 M	B	Due to Rain	01
74	12.07.2004	16.8	Mangti	15×5.0×2.0	SMB	Due to Rain	01
75	04.08.2004	17.255	Mangti	-	SMB	Due to Rain	01
76	04.08.2004	15.85	Gasku	30×6.0×3.0	SMB	Due to Rain	01

APPENDIX - 1

77	18.08.2004	0.5	Gasku	25×5.5×1.0	SMB	Due to Rain	01
78	18.08.2004	3.5	Gasku	15×6.0×2.0	SMB	Due to Rain	01
79	18.08.2004	4.6	Gasku	20×5.0×2.5	SMB	Due to Rain	01
80	18.08.2004	5.1	Gasku	50×6.0×1.0	SMB	Due to Rain	01
81	18.08.2004	6.4	Gasku	10×5.3×1.5	SMB	Due to Rain	01
82	18.08.2004	8.4	Gasku	18×6.0×2.0	SMB	Due to Rain	01
83	18.08.2004	12.4	Gasku	20×6.0×1.0	SMB	Due to Rain	01
84	18.08.2004	15.3	Gasku	10×6.0×1.0	SMB	Due to Rain	01
85	19.08.2004	15.5	Gasku	40×6.0×3.0	SMB	Due to Rain	01
86	19.08.2004	5.2	Gasku	40×6.0×1.0	SMB	Due to Rain	01
87	19.08.2004	12.25	Gasku	40×6.0×1.0	SMB	Due to Rain	01
88	20.08.2004	5.1	Gasku	80×6.0×1.5	SMB	Due to Rain	01
89	20.08.2004	15.5	Gasku	30×6.0×3.0	SMB	Due to Rain	01
90	22.08.2004	5.1	Gasku	-	SMB	Due to Rain	01
91	22.08.2004	12.4	Gasku	-	SMB	Due to Rain	01
92	24.08.2004	5.3	Gasku	30×6.0×1.0	SMB	Due to Rain	01
93	24.08.2004	12.4	Gasku	30×6.0×1.0	SMB	Due to Rain	01
94	25.08.2004	5.3	Gasku	15×6.0×1.0	SMB	Due to Rain	01
95	25.08.2004	12.4	Gasku	20×6.0×1.0	SMB	Due to Rain	01
96	29.08.2004	12.4	Gasku	20×6.0×1.0	SMB	Due to Rain	01
97	29.08.2004	14.1	Gasku	15×6.0×1.5	SMB	Due to Rain	01
98	23.01.2005	-	388 RMPL	10×6.5×1.5	SMB	Due to Snow	01
99	24.01.2005	-	388 RMPL	10×6.5×1.5	SMB	Due to Snow	02
100	25.01.2005	-	388 RMPL	10×6.5×1.5	SMB	Due to Snow	03
101	08.02.2005	-	388 RMPL	10×6.5×1.5	SMB	Due to Snow	04
102	08.02.2005	-	Tawaghat	20×4.0×0.5	SMB	Due to Rain	01
103	08.02.2005	-	Tawaghat	25×6.0×2.0	SMB	Due to Rain	01

APPENDIX -- I