Q0ZX

018568

GRAVITY SURVEY

METER: NO LAKE SECTOR

- LACOSTE & ROMBERG G-166

π = RCAS

CAMP SECTOR

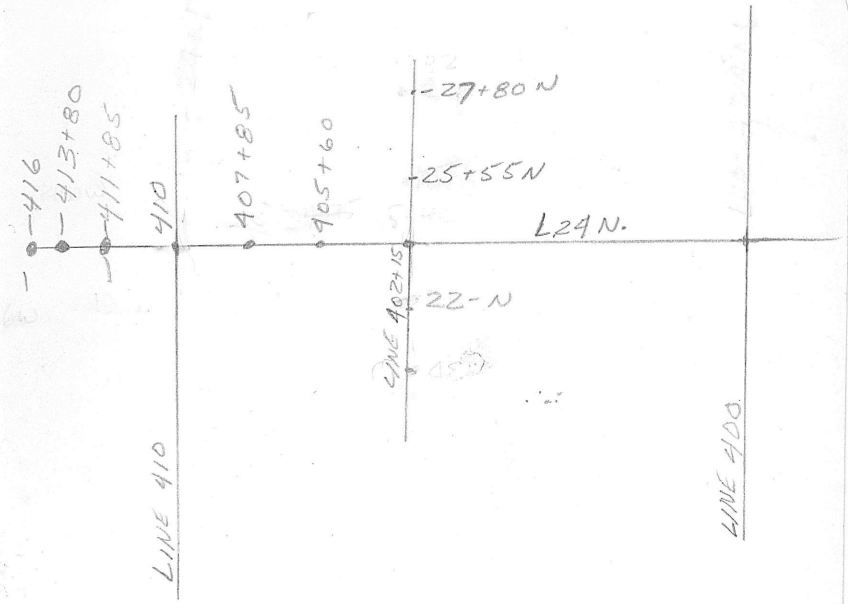
METER: - LACOSTE - ROMBERG G-166

π = RCAS

BEE LAKE SECTOR

METER: LACOSTE & ROMBERG G-166

π = RCAS



April 14/69 — No Lake

Wx: clear, sunny, cool, W 5

Stn	Time	Rdg	HI	Toro
Base A	9:00	5308.30	1.5	—
80 BL	9:00	08.30	1.5	—
78 BL	9:14	07.98	2.5	—
76	:21	07.68	1.9	—
74	:31	07.35	1.9	—
72	:35	07.07	1.7	—
70	:39	06.86	1.6	—
68	:43	06.78	1.4	—
66	:46	06.90	2.4	—
64	:50	06.87	1.7	—
62	:56	06.87	1.7	—
60	:55	06.94	1.9	—
58	:59	06.98	2.5	—
56	10:03	07.10	2.4	—
54	:06	07.29	1.6	—
52	:10	07.13	1.7	—
50	:13	07.07	1.6	—
48	:16	07.28	2.0	—
46	:19	07.44	2.5	—
44	:23	07.52	2.4	—
42	:26	07.61	1.5	—
40	:29	07.67	1.7	—

1

APRIL 14/69 — T = ACAS — NO LAKE

38 BL	10:33	5307.69	2.0	—
36	:38	07.55	2.0	—
34	:42	07.64	2.7	—
32	:46	07.49	1.5	—
30	:49	07.38	1.6	—
28	:53	07.35	2.3	—
26	:57	07.37	2.3	—
24	11:01	07.43	1.8	—
22	:06	07.42	1.7	—
20	:10	07.36	2.5	—
18	:14	07.24	1.8	—
16	:17	07.14	2.3	—
14	:20	06.95	1.9	—
12	:25	06.96	1.7	—
10	:28	06.78	1.5	—
8	:31	06.79	2.6	—
6	:34	06.80	2.7	4333
4	:38	06.88	2.4	2332
2	:42	06.83	2.8	—
0 BL	:45	06.73	2.4	—
0 BL	12:18	06.73	2.4	—
+2M	:22	06.94	1.7	2232
+4M	:25	06.98	2.6	0332
+6M	:29	07.38	2.5	2030
+8M	:34	06.34	2.3	10, 3, 2, 6
0 BL	:45	06.73	2.3	

2

APRIL 14/69 ⛵ RCAS — NO LAKE

STN	TIME	Rdg	HI	Topo	
0 BL	12:45	5306.73	2.3	—	
+2S	:50	06.15	3.2	4223	
+4S	:56	06.23	1.4	3225	
+6S	1:00	06.58	2.3	3323	
+8S	:05	06.31	2.4	3333	
+10S	:09	06.07	2.0	4663	
+12S	:15	04.91	3.5	10,2,2,8	
0 BL	1:25	06.73	2.3	—	(cw 0.00)
10 BL	1:40	5306.79	2.0	—	(cw 0.00)
+2N	:45	07.41	2.5	3002	
+4N	:50	07.10	2.4	—	
+6N	:54	07.25	2.0	2003	
+8N	:59	05.43	1.8	2828	
+10N	2:04	04.19	1.8	4161	
+12N	:08	03.91	1.7	2322	
+14N	:17	02.18	1.6	4,10,1,5	
+16N	:23	5299.68	2.4	2338	
+18N	:28	99.66	2.0	000,12	
+20N	:36	5300.80	2.4	20,30,6,10	
10 BL	2:58	5306.80	2.0	—	(cw +0.02)
+2S	3:03	06.57	2.0	—	
+4S	:08	06.53	1.8	—	
+6S	:10	06.17	2.6	3223	
+8S	:16	06.60	1.6	5238	

3

APRIL 14/69 — AT - RCAS — NO LAKE

STN	TIME	Rdg	HI	TOPO	
10+10S	3:21	5306.14	2.5	3020	
+12S	:25	06.12	2.5	2037	on river
+14S	:31	03.54	2.4	3140, 30	
10 BL	:42	5306.84	2.0	—	(tie +0.04)
20 BL	3:57	5307.40	2.6	—	(tie +0.04)
+2S	4:01	07.00	2.4	—	
+4S	:05	06.68	2.6	—	
+6S	:08	06.36	2.5	—	
+8S	:11	06.08	1.8	0003	
+10S	:14	06.55	2.6	4262	
+12S	:20	06.78	2.2	—	on river
+14S	:25	06.21	2.1	2141	
20 BL	4:37	5307.44	2.5	—	(tie +0.04)
60 BL	4:55	5306.95	2.1	—	
62	5:00	06.96	1.6	—	
64	:04	06.90	1.6	—	
66	:07	06.80	2.4	—	
68	:10	06.77	1.6	—	
70 BL	:14	06.82	1.6	—	
BASE A	5:25	5309.18	1.5	—	(tie)

5 April 15/69 K. Aras

No Lane

Stn	Time	Rdg	Hi	Taps
Base A	9:04	5308.09	1.5	—
20 SL	9:39	5307.35	2.4	—
+2N	:52	07.38	2.2	—
+4N	:55	07.60	2.3	—
+6N	:58	07.93	2.3	—
+8N	10:02	08.06	2.3	—
+10N	:06	08.13	2.2	—
+12N	:09	07.92	1.9	—
+14N	:14	05.50	1.8	2,15,3,20 (w -0.01)
20 SL	10:23	5307.34	2.2	—
30 SL	10:39	5307.29	1.5	—
+2S	:43	07.25	2.4	—
+4S	:46	07.43	2.7	—
+6S	:51	07.17	2.3	—
+8S	:55	06.85	2.6	—
+10S	:58	06.71	2.1	—
+12S	11:02	07.15	1.8	2,19,1,3
+14S	:06	07.17	2.1	3,2,2,0 — some leakage
+16S	:12	05.70	2.4	35,3,5
30 SL	11:24	5307.31	1.6	— (w +0.02)
+2N	:30	07.41	2.4	—
+4N	:34	07.79	2.4	—
+6N	:39	08.01	2.3	2-2-3
+8N	:43	08.25	1.8	2111

Wx = clear, scattered wisps, winds $B_1 B_2$

A. RCAS

APRIL 15/69 No LAKE

30 BL					
+10 N	11:49	5307.92	2.6	—	
+12 N	:53	07.81	2.4	—	
+14 N	:56	07.84	1.6	—	
+16 N	12:00	07.77	2.2	—	
+18 N	:06	06.39	1.6	15, 3, 20	—
30 BL	12:19	5307.31	1.6	—	(NU 0.00)
40 BL	1:04	5307.64	1.6	—	→
+2 N	:10	07.50	2.1	2232	
+4 N	:15	07.89	2.3	—	
+6 N	:18	08.12	1.7	2122	
+8 N	:22	07.95	2.4	—	
+10 N	:26	07.86	2.0	—	
+12 N	:32	07.59	2.1	—	
+14 N	:37	07.55	1.6	—	
+16 N	:46	07.63	1.9	—	
+18 N	:49	07.36	1.8	—	
40 BL	2:08	5307.61	1.6	—	(NU −0.03)
	:12	07.99	1.8	3222	+25
	:16	07.54	2.1	—	±45
	:20	07.11	2.0	3223	±65
	:24	06.89	2.2	3020	+85
	:29	07.10	1.4	—	±105
	:34	07.42	1.5	4223	+125
	:39	07.52	1.8	3322	+145

→ accuracy of reading impossible, bubble too capt + quaking.
Winds B2 → 03

bubble shaky

40

Compass line only past +18 N, no elevation.

π = RCAS

APRIL 15/69 NO LAKE

40 BL					
+ 16 S	2:48	5307.64	1.6	4 [illegible]	on river, bubbles sticking
40 BL	3:01	5307.58	1.6	—	(Δ3 = 0.03)
50 BL	3:21	5307.01	1.7	—	
+ 2 S	:24	06.94	1.7	—	
+ 4 S	:27	06.89	2.2	2030	
+ 6 S	:31	06.80	2.3	—	
+ 8 S	:35	06.89	1.9	2212	Overcast, cooler
+ 10 S	:38	07.01	2.0	2222	
+ 12 S	:42	06.71	2.3	4223	Wind B1 ↔ B2
+ 14 S	:45	07.15	2.4	2425	
+ 16 S	:50	07.48	1.9	4225	near bank
+ 18 S	:54	07.04	2.2	4225	
+ 30 S	:58	06.98	1.6	3433	
+ 22 S	4:02	07.15	2.1	—	
+ 24 S	:06	06.95	2.3	2321	
+ 26 S	:09	06.31	1.7	—	
+ 28 S	:12	05.91	2.4	2221	
+ 30 S	:16	05.62	1.9	2231	Wind B1
+ 32 S	:20	05.10	2.0	3234	
+ 34 S	:23	04.51	2.3	2232	
+ 36 S	:30	03.23	2.9	20, 15, 15, 5	
+ 37 ~~42~~ S	:35	02.38	2.6	3, 10, 6, 12	
50 BL	5:09	5307.07	2.0	—	(Δ2 = 0.06) (Δ3 = 0.03)
BASE A	5:28	5308.11		—	

R-RCAS

APRIL 16/69 — NO LAKE

STN	TIME	Rds	HI	Topo	
BASE A	8:54	5308.06	1.5		
50 BL	9:11	5307.03	2.1	—	
+2N	:21	07.16	2.5	2012	
+4N	:25	07.42	2.5	2121	
+6N	:29	07.43	2.2	2222	
+8N	10:00	07.38	2.3	—	→ broke tipped leg
+10N	:05	07.53	2.2	—	
+12N	:08	07.33	2.2	—	
+14N	:12	07.14	2.1	—	
+16N	:14	07.27	2.3	—	
+18N	:20	07.06	2.0	—	
+20N	:25	04.69	2.4	1,2,2,2	Tc → record age 100' = 3,3,4,30
+22N	:30	04.93	2.4	2233	
+24N	:42	05.11	2.3	—	
+26N	:48	05.20	2.5	—	
+28N	:50	04.67	2.3	2422	
+30N	:54	04.63	2.6	3322	
+32N	:58	05.06	2.3	2002	
+34N	11:02	05.06	2.3	—	
+36N	:05	05.77	2.2	—	
+38N	:10	08.10	2.2	2,3,25,2	→ bottom ridge
+40N	:15	07.77	2.2	3332	
+42N	:19	07.66	2.3	2233	
+44N	:30	08.00	2.2	—	

8

AREAS

APRIL 16/69 — NO LAKE

50 BL

+46N	11:34	5308.57	2.2	—	
+48N	:38	09.11	2.6	4233	→
+50N	:42	09.39	2.2	—	

LINE 60

60 +50N	1:00	5307.82	2.1	3322	
+48N	:04	08.04	1.8	—	
+46N	:09	08.01	1.9	2222	
+44N	:12	07.51	2.0	8238	→
+42N	:20	07.75	2.0	—	→
+40N	:25	07.95	1.6	2323	
+38N	:32	07.88	1.8	0,2,2,20	→
+36N	:38	06.50	2.0	—	
+34N	:42	06.41	1.7	—	
+32N	:46	05.93	2.4	4224	
+30N	:49	05.77	2.3	—	
+28N	:53	05.89	2.2	2121	
+26N	2:02	05.77	2.1	—	
+24N	:05	05.64	2.1	—	
+22N	:08	05.47	2.4	—	
+20N	:12	05.19	2.0	—	
+18N	:15	06.45	1.4	2,30,3,5	→
+16N	:20	07.32	1.6	—	
+14N	:23	07.21	2.1	—	

edge dry river bed, or bank.

edge near bank
river 50 feet. Wide

between steep bank & river

edge steep bank

9

APRIL 16/69 — NO LAKE

60 BL					
+12N	2:28	5307.28	2.1	—	
+10N	:32	07.17	2.3	—	
+8N	:35	07.24	2.3	—	
+6N	:38	07.10	2.3	—	
+4N	:42	07.13	2.5	—	
+2N	:45	06.85	1.5	—	
60 BL	2:48	5306.83	1.7	—	
BASE A	3:08	5308.04	1.7 (1.5 / 1.2)	—	(HI −0.02 same as base)
80 BL	3.08	5309.04	1.7	—	
+2N	:20	07.07	1.7	—	
+4N	:23	08.22	1.7	—	
+6N	:55	08.38	2.0	3322	
+8N	:59	08.48	1.7	—	
+10N	4:03	08.58	2.3	—	
+12N	4.06	08.73	1.6	—	
+14N	4.10	08.61	1.7	6222	
+16N	4.13	08.21	1.0	—	→
+18N	4.17	08.20	1.2	—	→
+20N	4.22	08.11	1.5	—	
+22N	4.25	08.82	2.4	2212	
+24N	4.28	09.19	1.3	—	→
+26N	4.32	09.09	1.8	4222	→
+28N	4.43	08.90	1.9	—	→
+30N	4.50	08.93	1.6	2244	→
BASE A	5:20	5308.06	1.7	—	(+0.02)

base melted, 2nd check 2.2 high on BM

(someone walking parallel to our line of sight)
slow walking!

sta on ice.
" " " ice

swamp
land

on ice - small lake.
edge of lake.
on swamp
on glacier, edge of lake

— 8 swamp

A. REAS

APRIL 17/69 No LAKE

STN	TIME	Rdg	HI	Topo
BASE A	11:18	5307.98	1.7	—
BGL	:37	06.83	1.8	—
+ 2S	:42	07.00	1.7	3243
+ 4S	:45	06.84	2.3	2122
+ 6S	:48	06.61	2.3	—
+ 8S	:50	06.68	1.9	3210
+ 10S	:53	06.94	1.5	—
+ 12S	:57	07.09	1.9	—
+ 14S	12:00	07.03	1.8	4221
+ 16S	:04	07.06	1.8	—
+ 18S	:08	06.73	1.6	2121
+ 20S	:13	06.49	1.5	3223
+ 22S	:17	07.10	1.9	3334
+ 24S	:20	06.74	1.7	—
+ 26S	:23	06.80	1.5	—
+ 28S	:26	06.87	1.9	—
+ 30S	:30	06.94	1.6	—
+ 32S	:33	06.84	1.7	—
+ 34S	:39	06.90	1.5	—
+ 36S	:43	06.70	1.9	—
+ 38S	:48	06.71	1.9	—
+ 40S	:52	06.52	1.7	—
+ 42S	:56	06.59	1.6	—
+ 44S	1:00	06.24	1.7	—

→ top rim bank, 90 N is rim -8'

11

π - RCAS

APRIL 17/69 — NO LAKE

STN	TIME	Rdg	HI	Topo	
60 BL	~~1:05~~	~~5306.05~~	~~3.5~~	—	
+46 S	1:05	5306.05	3.6	—	
+48 S	:10	05.94	1.4	—	
+50 S	:14	05.59	3.2	—	
+52 S	:19	05.20	1.8	2002	
+54 S	:24	04.36	1.9	2332	
+56 S	:28	03.82	2.6	2232	
+58 S	:33	03.32	1.6	4343	
+60 S	:39	02.82	2.1	2333	
60 BL	2:30	5306.81	1.8	—	(mm -0.02)
BASE A	2:42	5307.96	1.7	—	(mm -0.02)

13 April 2016 — T: RC45 — Camp — Sector

Stn	Time	Rdg	HI	Topo	
BL100					
Base Z	10:32	5256.73	1.4	4321	
BL102	:50	54.07	2.5	8,3,29,4	
103	:57	52.20	2.4	15,8,20,5	
104	11:03	50.67	2.2	8,3,4,15	Sand
106	:10	47.87	2.6	6,10,4,12	
107	:15	46.95	1.5	10,8,8,10	
108	:19	46.25	2.3	12,6,8,10	
110	:25	45.22	2.7	6,6,8,10	
111	:30	44.15	1.4	15,10,10,6	GRID
112	:35	42.60	3.3	15,10,6,6	
114	:42	40.68	2.1	6,10,6,12	
116	:49	39.30	3.1	10,8,6,10	Sand
116+2N	12:47	38.15	1.8	20,12,15,6	
+3N	:51	37.42	1.9	15,12,15,4	
+4N	:54	36.46	2.3	20,15,12,10	
+6N	1:00	35.06	2.0	20,10,12,8	
+8N	:06	33.97	2.5	20,6,12,8	
+10N	:12	33.09	2.6	25,3,12,6	
+12N	:20	32.66	2.2	10,6,10,4	
+14N	:29	31.81	2.3	10,8,10,8	hill
116BL	2:09	5239.30	2.6	10,4,6,10	
+2S	:16	40.42	2.8	3,6,2,2	

13

stn mining

101
105
109
113 ?
115 ?

stn #?

* = RCAS

April 20/82 — Camp Sector

STN	Time	Rdg	HI	Topo	
116 +4S	2:25	5241.08	2.3	3363	
+6S	:36	41.98	2.5	3444	
116 GL	:52	5239.29	2.6	10,8,6,10	tie
111 GL	3:03	5244.14	1.4	15,10,15,6	tie
+2S	:22	45.08	2.3	3844	
+4S	:28	46.01	3.2	3353	
+6S	:33	46.57	2.4	4432	
111 GL	3:44	5244.15	1.4	15,10,15,6	tie
+2N	:51	43.45	2.6	12,6,8,4	
+4N	:58	42.95	2.6	10,2,4,3	
+6N	4:06	42.50	2.5	5553	
+8N	:12	42.17	2.5	8262	
+9N	:18	42.04	2.4	4644	
+10N	:22	42.20	2.9	6062	start N ?
+12N	:30	42.20	2.7	4232	→
+14N	:41	41.71	2.6	3324	
111 GL	5:02	5244.16	1.4	15,10,15,6	tie
100 GL (Base Z)	5:23	5256.72	1.5	4321	(tie -0.01)

flag at 110 N (check)

line running West via 111-12N TP to 110 ? whatever ?

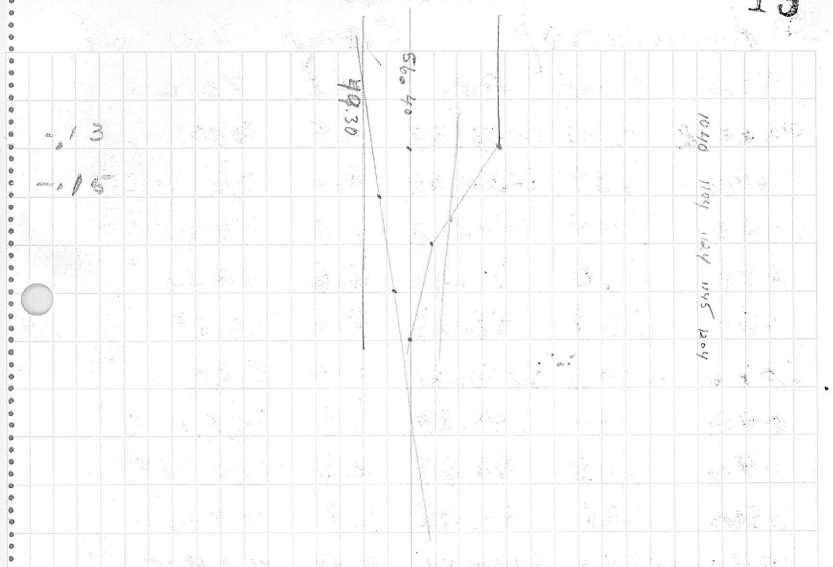
APRIL 21/69 AREAS CAMP SECTOR

STN	TIME	Rdg	HI	TOPO
BASE 2	9:21	5256.59	1.5	4321
104 BL	:38	5250.52	2.1	8,3,4,15
+2S	:44	50.02	2.3	2,8,3,7
+4S	:50	50.23	2.6	9233
+6S	:57	51.05	2.2	9454
104 BL	10:05	5250.51	2.0	8,3,4,15
+2N	:11	49.89	1.8	25,6,12,2
+4N	:18	49.65	2.6	15,5,77
+6N	:25	49.25	1.7	12,3,10,2
104 BL	10:35	5250.51	2.0	8,3,4,15
BASE 2	10:42	5256.58	1.6	4321

TIE BASE 2 to BASE #1

BASE 2	10:42	5256.58	1.5	—
BASE 1	11:04	5249.33	1.7	—
BASE 2	11:24	56.44	1.5	—
BASE 1	11:45	49.36	1.7	—
BASE 2	12:04	56.40	1.5	—

15



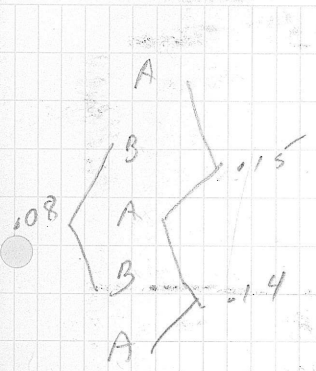
TK - RCAS

APRIL 21/69 BEE LAKE

STN	TIME	Rds	H2	Tupo	
~~580 BL~~					BASE
~~6 "~~					
~~5 80 BL~~					
~~6 "~~					
BASE	3:58	52463	1.4	—	2nd
"	4:03	46.37	1.4	—	2 rd
"	4:06	46.37	1.4	—	2 read
580 BL	4:52	52 13.94	1.7	—	2 read
"	:57	13.94	1.7	—	2 rdg
BASE	5:15	46.52	1.4	—	3 dg
"	:20	46.52	1.4	—	2 rdg
580 BL	:38	14.02	1.7	—	2 dg
"	:42	14.02	1.7	—	2 rdg
BASE	5:53	46.66	1.4	—	3 rdg

Base
near Stn 614 BL

16



π = RCAS

April 25/69 — Bee Lake

Stn	Time	Rdg	Hz	Topo
600				
+50s	2:45	5250.68	2.9	—
+48s	:50	49.87	3.0	1114
+46s	:55	47.53	2.8	2,10,2,1<
+44s	3:03	45.29	2.8	2233
+42s	:07	44.83	3.3	—
+40s	:10	44.84	3.6	—
+38s	:13	44.66	3.4	—
+37s	:17	44.78	3.5	2326
+34s	~~:28~~	~~45.1~~	~~1.9~~	not found
+32s	:28	45.17	1.9	2232
+30s	stn not found, removed anon?!!			
+28s	:35	45.88	2.6	2222
+26s	:55	44.66	3.4	3232
+24s	:59	43.79	3.6	—
+22s	4:03	43.67	3.4	—
+20s	:06	43.44	3.8	—
+18s	:10	43.13	3.7	—
+16s	:13	42.89	3.7	—
+14s	:17	42.34	3.4	—
+12s	:20	42.01	3.5	—
+10s	:25	41.33	3.9	—
+8s	:28	40.74	3.1	2222
+6s	:32	41.18	3.5	2212

check topo chart for Zone 3, flat between hills.

Z_3 { 20, 20, 36, 30, 30, 10 } several shots each

Z_3 { 40, 30, 20, 25, 10, 50 } forces 70' E + 100' ESE

check Z_3

valley 100' to edge N

top slope valley

Stn 34 + 36 not found. Appears surveyor too lazy to cross small valley, shot 600' across top, no reason to eliminate 34 s or 36s or to locate 37s

π - Arms

18 April 25/69 Bee Lake

Stn	Time	Rdg	HI	Topo	
600					
+4s	4:39	5239.53	3.9	2323	
+2s	:44	38.79	3.2	3424	
600 SE	4:48	5237.80	3.2	2323	(tie −0.09)
Base 7	5:00	5246.74	—	—	

Base 7 at
10:08 = 5246.83

18

APRIL 26/69 T-RCAS BEELAKE

STN	Time	Rdg	HI	Topo	
BASE 7	9:27	5246.77	—	—	
590 BL	9:53	5229.44	4.3	3,6,3,9	to Lupo →
592	:58	31.13	4.0	2886	
94	10:03	33.00	2.9	3534	
96	:07	34.47	4.8	2534	
98	:13	36.30	2.8	2425	
600 BL	:17	37.91	3.6	2323	
02	:21	38.97	3.1	2425	
04	:26	40.37	2.9	2333	
06	:30	41.54	2.9	2323	
08	:35	42.92	3.0	2323	
610 BL	:39	44.05	2.8	2323	
12	:43	45.25	3.1	2423	
14 Base	:48	46.60	3.3	2323	Base ditch →
16	:56	48.04	3.7	2552	
18	11:00	49.12	2.5	—	
620 BL	:05	49.69	2.1	2222	
22	:11	50.42	2.7	—	
24	:15	51.13	3.1	222	
26	:19	51.82	4.0	2212	
28	:24	52.62	3.7	—	
630 BL	:28	53.36	3.6		
BASE 7	11:41	5246.77	~	~	

ROCKY LAKE AREA — APRIL 27/69

LINE 24 NORTH — K. MAC PHEE

SEE DIAGRAM FRONT BOOK SNOWING, WET

WORDON CONSTANT .0835(1)

STATION	TIME	READING	H.I.	TOPOG
BASE 1	10:42	1248.3	1.6	
400	11:18	1183.7	2.0	— —
~~402+15~~ 403	11:25	1172.2	2.3	— —
405+60	11:31	1169.3	2.0	5, 3, 2, 2
407+85	11:38	1161.3	2.5	— —
410	11:43	1163.0	3.0	— —
411+85	11:48	1171.4	3.1	4, 3, 2, 2
413+80	11:54	1177.1	2.7	— —
416	12:00	1169.1	2.1	4, 3, 3, 2

403

LINE ~~402+15~~

21+60N	12:25	1189.9	1.3	4, 4, 1, 2
22N.	12:29	1180.1	2.4	— —
24-N.	12:35	1172.1	2.3	— —
25+55N.	12:39	1161.5	2.8	— —
27+80N	12:45	1146.7	2.9	— —
BASE 1	1:08	1248.0	1.6	

ROCKY 21-N

20

101
105
109
113 x
115 x

This envelope contains six sheets of carbon paper. Insert carbons between cross section sheets and yellow second sheets. The yellow sheets will remain bound and this book will serve as a permanent record of entries.

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