CUB TURAM SURVEY

SEPT. / 70.

J. S. BORTNICK

(SIEGEL + ASSOC.)

60°53' N 138°15'

SEIGEL ASSOCIATES LIMITED

9313

NTS. No 115-B-16 CAB GROUP.

Twp. KLUANE LAKE YUKON | Prop. ATLAS EX. | Date 6-9-70

Oper. J.S.B. | Asst. G.A. | Method Taking

Station	VF SR	FILTERED	NF SR	
	L 66 Too S			
150E	~~48~~ ~~92~~	+ 1.5	229	~~104~~ 97
200	165	+ 1.5	169	98
250	154	- 1.5	148	104
300	142	- 2.0	137	104
350	132	- 1.5	130	102
400	130	- 1.5	126	103
450	132	- 3.5	122	108
500	130	- 3.5	120	109
550	123	- 1.0	118	104
600	120	+ 0.5	117	102
650	120	- 0.5	115	104
700	124	- 2.5	115	108
750	127	- 4.5	114	111
800	180	- 5.0	116	114
850	128	- 4.0	113	113
900	138	- 8.5	113	122
950	143	- 12.5	113	127
1000	145	- 13.5	112	129
1050	144	- 14.0	112	129
1100	140	- 14.0	112	125
1150	131	- 8.0	111	~~108~~ 108
1200	119	- 1.0	111	107
1250	113	+ 5.0	111	102
1300	116	+ 2.0	111	104

1650	117	-6.5	110	106	
1750	123	-7.0	110	111	
1850	123	-6.0	110	111	
1950	135	-10.0	107	104	
2250	132	-8	109	112	
		11:00	5	400 ft2	
1502	132	-10	229	101	
250	175	-2.0	109	104	
3	163	-2.0	138	103	
350	153	-1.5	148	103	
450	142	-2.0	137	104	
550	132	-0.5	130	101	
650	130	-1.5	126	103	
7	130	-3.0	124	105	
750	130	-3.5	122	107	?
8	126	-2.5	121	104	
850	127	-2.5	120	106	
950	123	-2.0	118	104	
1050	120	-0.5	117	103	
1150	119	-1.5	115	103	
12	122	-3.0	118	106	
1250	123	-4.0	114	108	
13	123	-4.0	114	108	
1350	124	-4.5	113	110	
14	129	-7.5	113	114	
1450	134	-10.5	113	119	
15	133	-11.0	112	119	Station
1550E	133	-11.5	112	119	

SEIGEL ASSOCIATES
LIMITED

(3)

N.T.S. No. 115B16 Lines cont'd.

Twp. KLUANE LAKE YUKON	Prop. ATLAS EXPL.	Date 6-9-70
Oper. J.S.B.	Asst. G.M.	Method TURAM

Station					
16E	131	-11.0	112	117	
16.5D	123	-6.0	111	111	
17	114	-0.5	111	103	
17.5D	116	+2.0	111	99	
18	109	+1.0	111	98	
18.5D	115	-2.5	110	104	
19	118	-5.0	110	107	
19.5D	115	-4.0	110	105	
20	119	-5.0	110	108	
20.5D	120	-6.0	110	109	
21	121	-6.5	109	111	
21.5E	125	-9.0	109	115	
	L 16 700 S			7-9-70	
21.50W	44 inv.	+2.0			
22	188	-9.0			
22.50					
23	171	-9.0			
23.50	160	-7.0			
21W	28 inv.	+0.5			
21.5D	43	+2.0			
22	191	-2.0			
22.5D	176	-4.0			
23	168	-7.0			
23.5D	160	-6.5			
24W	150	-5.0			

24+50W	144	-3.5			
25	147	-8.5			
25+50W	[illegible]	-8.0			
21W	389	-1.5	214	116	
21+50	244	-5.5	229	107	
22	189	-1.5	186	102	
22+50	171	-2.5	169		
23	168	-2.5	188	106	
23+50	161	-2.0	149	103	
24	151	-4.5	142	104	
24+50	144	-3.0	137	105	
25	144	-5.5	133	108	
25+50	148	-6.0	130	114	
26	129	-7.5	128	109	
26+50	149	-14.5	126	111	
27	152	-13.0	124	112	
27+50	151	-13.0	122	114	
28	148	-13.0	121	113	
28+50	143	-17.5	120	111	
29	134	-6.5	117	115	
29+50	143	-14.0	118	121	
30	141	-12.5	117	113	
30+50	137	-10.5	117		
31	136	-10.5	116	111	
31+50	140	-13.0	118	112	
32	135	-12.0	115	120	
32+50W	129	-6.0	114	113	

Station

SEIGEL ASSOCIATES
LIMITED

(5)

Twp. KLUANE LAKE YUKON	Prop. ATLAS EXPL	Date 7-9-70
Oper. JSB	Asst. GM	Method TURAM

Station					
	L 16+00 CONT'D.				
33 W	131	-8.0	114	115	
3350	137	-13.0	113	121	
34	138	-13.5	113	122	
3450 W	131	-8.5	113	116	
3550	135	-11.0	112	121	
3650	123	-7.0	111	111	
3750	119	-2.5	107	107	
3850 W	117	-1.5	110	106	
	L 20+00 S.				
3550 W	122	-5.0	111	110	
3450	125	-7.5	112	111	
3350	138	-15.0	112	124	
3250	130	-11.5	113	115	
3150	143	-19.0	114	125	
3050	134	-11.0	115	116	
2950	140	-15.0	116	121	
2850	145	-16.5	118	123	
2750	135	-9.0	120	113	
2650	139	-9.5	122	114	
2550	151	-17.0	126	120	
2450	155	-13.0	131	118	
2350	173	-16.0	140	123	
2250	153 228	-29.0	158	147	

2450 W

400 Hz. (6)

L 12400 S

21500 W	238 FL INC.	+1.5	219	229	
22 00	122	-1.0	164	165	
2350	150	-1.5	145	153	
2450	143	-3.0	136	141	
2550	137	-3.0	120	127	
2650	134	-3.5	126	130	
2750	131	-4.0	123	126	
2850	130	-3.5	120	124	
2950	128	-4.0	119	123	
3050	127	-3.5	117	109	
3150	125	-3.5	116	108	
3250	123	-3.5	115	101	
3350	124	-4.5	104	109	
3450	127	-5.5	113	112	
3550	128	-5.5	112	116	
3650 W	128	-4.5	112	114	
	L 8200 E				
3650 W	126	-3.5	113	111	
3550	125	-5.0	114	116	
3450	130	-5.0	115	120	
3350	126	-3.5	116	117	
3250	127	-3.0	117	120	
3150	128	-3.5	118	121	
3050	129	-3.0	120	117	
2950	130	-4.0	122	119	
2850	131	-3.0	124	123	
2750 W	135	-1.5	129	131	

Station

SEIGEL ASSOCIATES
LIMITED

400 Hz. (7)

L 8 to 5 (cont.)

Twp. KLUANE LAKE YUKON	Prop. ATLAS EXT.	Date 7-9-70
Oper. J. SB	Asst. GM	Method TURAM

Station					
2450	139	-2.5	134	104	
2500	146	-2.0	144	101	
2550	160	-0.5	162	99	
2600	204 49 INV	-0.5	216	95	
	L 4 to 5				
2100	222 45 INV	-1.0	215	105	
2250	166	-1.0	161	103	
2350	145	-1.0	143	101	Low
2450	142	-1.5	134	107	
2550	135	-1.5	128	105	
26					
	L 0 to 0				
2150W	204 49 INV	-1.0	214	96	
2250	156	-1.0	161	97	
2350	144	-1.5	143	101	
2450	138	-2.0	134	105	
2550	134	-1.5	128	105	
2650	133	-2.5	124	108	
2750	130	-2.5	122	107	
2850	129	-3.0	120	108	
2950	128	-3.0	118	110	
3050	128	-3.5	117	110	
3150	127	-3.0	116	110	
3250	127	-3.5	115	111	
3350W	130	-4.5	114		

400 Hz

3450W	128	-3.5	113	113	
3350W	128	-3.5	113	113	
	5 turns				
3350W	126	-5.0	113	113	
3450	128	-5.0	113	113	
3350	128	-2.5	114	111	
3250	126	-1.5	115	107	
3150	126	-2.5	116	109	
3050	127	-4.0	117	109	
2950	128	-3.0	118	108	
2850	130	-3.0	120	108	
2750	130	-3.0	122	107	
2650	132	-3.0	125	103	
2550	134	-2.0	128	105	
2450	138	-2.0	134	103	
2350	146	-1.0	143	102	
2250	164	-1.0	160	102	
2150W	222 45.5W	-1.0	215	103	
	8 turns				
2150W	222 45.5W	-1.0	216	103	
2250W	164	-1.0	162	101	
2350	147	-1.5	144	102	
2450	138	-2.0	134	103	
2550	134	-2.5	129	104	
2650	130	-2.0	125	104	
2750	128	-2.0	122	105	
2850	128	-2.0	120		
2750W	126	-2.0	118	101	

Station

SEIGEL ASSOCIATES
LIMITED

Found

Lifton

Twp. Klondike Lake Parcel	Prop. Airborne Epic.	Date 7-9-70
Oper. J.S.B.	Asst. G.H.	Method Turam

Station					
2+25 W	126	-2.0	117	108	
3+25	126	-2.5	116	109	
3+75	125	-2.0	115	109	
4+25	123	-1.0	114	108	
4+75	124	-1.0	113	110	
5+00 W	124	-1.0	113	110	
	L 12+00 N				
5+00 W	121	-0.5	112	108	
4+75	122	-0.5	113	108	
4+25	121	0	114	106	
3+75	124	-1.0	115	108	
3+25	124	-1.0	116	107	
3+00	125	-1.0	117	107	
2+50	127	-1.0	119	107	
2+00	129	-2.0	120	107	
1+50	131	-3.5	123	107	
1+00	132	-2.5	126	105	
0+50	135	-1.5	130	104	
0+00	139	0	136	102	
0+50 S	148	-0.5	145	102	
1+00 S	165	0	164	101	
1+50 S W	~~43~~ 233 N	~~70~~ 5	219	106	

L 2+40 N Year 2.

2+50 N	209	0	211	99	
2+60	164	-2.0	158	106	
2+70	157	-1.5	140	112	
2+80	139	-1.5	131	106	
2+90	133	0	126	106	
3+00	133	-2.0	122	109	
3+10	132	-2.0	120	108	
3+20	124	+1.0	116	105	
3+30	118	+3.0	116	102	
3+40	121	+2.0	115	108	
3+50	119	+3.0	114	104	
3+60	117	+4.5	113	104	
3+70	118	+2.0	112	105	
3+80 N	119	+1.5	112	106	
	L 16+00 N				
3+90 N	118	+3.0	112	105	
4+00	113	+1.0	113	100	
4+10	~~104~~	~~+12.0~~	~~113~~	~~92~~	
					Station

Loop C (11)

SEIGEL ASSOCIATES
LIMITED

Yoo H2.

CUB Group

Twp. Burnaby Lake Tunnel	Prop. Atlas Cyl	Date 8-9-70
Oper. [illegible]	Asst. C.A.	Method Tunnel

Station	OFSR	Rims		
	2.27			
250	116	0	150	104
300	118	-.5	145	106
450	124	-2.5	131	106
500	123	-3.0	126	106
600	123	-4.0	122	101
750	114	-6.5	120	95
850	114	-8.0	118	97
900	113	-9.0	116	98
1000	116	-9.5	115	101
1050	125	-5.6	114	110
12	125	-6.0	113	111
1250	126	-6.5	113	112
13	128	-7.5	113	114
1350	130	-9.5	112	116
14	133	-11.0	112	119
1450	135	-12.5	112	121
15	135	-13.0	111	122
1550	125	-8.0	111	113
16	117	-5.0	111	105
1650	112	-4.5	110	102
17	105	-4.0	110	95
1750	105	-4.5	110	95
18	106	-3.0	110	97
1850	104	-4.5	110	95

19E	100	+7.5	109	92	
19 50E	103	+5.0	109	98	
	L 12 TOC 5				
20 50E	120	-5.0	110	109	
19 50	117	-3.0	110	106	
18 50	112	-1.0	111	101	
17 50	114	-1.0	111	103	
16 50	119	-2.5	112	106	
15 50	122	-5.5	112	109	
15	125	-7.0	113	111	
14 50	126	-7.0	113	111	
14	124	-5.5	114	109	
13 50	125	-6.0	114	109	
13	125	-5.5	115	108	
12 50	124	-5.0	115	108	
12	123	-4.0	116	106	
11 50	125	-4.5	116	108	
11	125	-5.0	117	107	
10 50	127	-6.0	117	109	
10	127	-6.0	118	108	
9 50	120	-1.5	119	101	
9	121	-1.5	119	102	
8 50	123	-1.5	120	102	
7 50	126	-2.0	123	102	
6 50	129	-2.0	126	102	
5 50	136	-3.0	130	105	
5	143	-3.5	136	105	Station
3 50 E	155	-4.0	145	107	

SEIGEL ASSOCIATES
LIMITED

L 12+00 S cont'd.

Twp. KLUANE LAKE YUKON	Prop. ATLAS CAPE	Date 8-9-70
Oper. JSB	Asst. GILL	Method TURAM

Station					
2500 E	174	-3.5	164	106	
1500 E	45 222	-2.5	209	101	
	L 8+00 S				
1500 E	46 217	-1.5	216	101	
2500	162	0	162	100	
3500	148	-1.5	144	103	
4500	141	-2.0	136	105	
5500	136	-3.0	129	106	
6500	135	-4.5	125	108	
7500	133	-5.0	122	109	
8500	132	-5.0	120	108	
9500	130	-5.0	118	110	
10500	127	-4.5	117	109	
11500	125	-4.5	116	108	
12500	125	-4.0	115	109	
13500	125	-4.5	114	110	
14500	128	-5.5	113	113	
15500	127	-6.0	113	112	
16500	127	-6.0	112	118	
17500	124	-5.0	112	111	
18500	120	-3.5	111	108	
19500	124	-5.5	111	112	
20500	120	-3.5	110	109	
21500 E	118	-3.0	110	107	

L 4+00 S

20 SOE	120	-3.0	110	109	
1950	122	-4.0	111	110	
1850	124	-4.5	111	112	
1750	118	-1.0	112	105	
1650	121	-3.0	112	108	
1550	127	-5.5	113	112	
1450	129	-7.0	113	114	
1350	129	-6.5	114	113	
1250	129	-6.0	115	112	
1150	132	-7.5	116	114	
1050	133	-7.0	117	114	
950	134	-6.5	118	114	
850	132	-5.0	120	110	
750	133	-4.5	122	109	
650	131	-2.5	125	106	
550	135	-2.5	128	105	
450	138	-2.0	134	103	
350	145	-1.0	143	101	
250	161	-0.5	161	100	
150E	277.00	0	215	99	
	L 4+00 E				
150E	244 41.00	+2.0	214	114	
250	170	-2.5	161	105	
350	155	-3.0	143	108	
450	148	-4.0	134	110	
550	140	-4.0	128	109	
650	135	-4.5	124	[illegible]	Station
750 E	128	-2.0	122	105	

400 Hz (15)

SEIGEL ASSOCIATES
LIMITED L 0+00

Twp. KLOANE/LAKE TIMISKAMING	Prop. ATLAS EXPL.	Date 8-9-70
Oper. J.S.B.	Asst. G.M.	Method TURAM

Station					
8+00E	128	-3.5	120	107	
9+50	130	-5.0	118	110	
10+50	128	-4.5	117	109	
11+50	124	-4.5	116	109	
12+50	125	-4.0	115	109	
13+50	123	-3.0	114	108	
14+50	124	-3.5	113	110	
15+50	123	-2.5	113	109	
16+50	122	-3.0	112	109	
17+50	123	-3.5	112	110	
18+50	127	-5.5	111	115	
19+50	126	-4.5	111	114	
20+50E	122	-2.0	110	111	
	L 20+00 S 200 Hz. 9-9-70				
21+50W	213 N.S.	+.5	211	101	
22+50	164	-1.0	158	104	
23+50	145	-1.0	140	104	
24+50	138	-1.0	131	105	
25+50	133	-1.5	126	106	
26+50	128	-2.0	122	105	
27+50	125	-2.5	120	104	
28+50	126	-2.5	118	107	
29+50	124	-2.5	116	107	
30+50	122	-3.0	115	106	
31+50W	122	-2.5	114	107	
24+50W	143	-3.0	137	104	

SEIGEL ASSOCIATES
LIMITED

(17)

L 16+00 N

Twp. KLUANE LAKE YUKON	Prop. ATLAS 8+14.	Date 9-9-70
Oper. JSB	Asst. GM	Method TURAM.

Station					
2 350W	151	-3.0	148		
2250	169	-2.0	168		
2150W	45 .151	+1.0	229		
	L 20 +00				
1+50E	42 .238	+8.0	201	211	
250	49 .204	+9.0	188	174	
250	164	-9.0	158	158	
3	169	-8.5	171	148	
350	160	-8.0	174	140	
4	154	-7.5	172	134	
450	150	-8.0	170	131	115
550	143	-9.0	168	126	113
650	135	-7.0	166	122	11
750	125	-4.0	165	120	
850	128	-5.0	168	116	105
950	128	-5.0	163	116	
1050	128	-5.0	162	115	111
1150	120	-2.5	162	114	
1250	116	-1.0	161	113	03
1350	119	-3.0	160	112	
1450	115	-1.0	160	112	
1550	115	-1.5	160	111	
1650	114	-2.0		110	
1750	111	-1.5		110	
1850E	111	-2.0		110	

L 16+00 N

Station					
3050 E	113	-2.5	110	109	
1650	125	-15.0	110	109	
1750	120	-6.0	111	109	
1650	117	-2.0	111	109	
1550	117	-1.5	112	110	
1450	117	-2.0	113	111	
1350	117	-1.0	113	112	
1250	123	-3.5	114	112	
1150	130	-6.0	115	113	
1050	133	-7.5	117	114	
950	137	-9.0	118	115	
850	141	-9.5	120	116	
750	145	-8.5	122	117	
650	149	-9.0	126	118	
550	150	-8.5	130	119	
450	160	-8.5	137	117	
350	167	-8.0	148	112	
250	189	-7.5	169	113	
150 E	41 INS. 244	-4.0	229	116	
	L 12+00 N				
150 E	44 INS. 227	-4.0	219	115	
250	176	-5.5	164	115	
350	158	-5.5	145	114	
450	149	-6.0	136	113	
550	144	-6.0	130	112	
650	142	-7.0	126	113	
750	139	-7.0	123	113	
850 E	137	-7.0	120	114	

SEIGEL ASSOCIATES 400 Hz (19)
LIMITED

Kirkland

Twp. Kirkland Lake Gowan | Prop. Access Exic. | Date 4-9-70

Oper. J.S.B. | Asst. G.M. | Method Turam

Station					
9+00E	135	-6.0	119	113	
10+00	131	-5.0	117	112	
11+00	130	-6.0	116	112	
12+00	133	-8.0	115	116	
13+00	130	-3.0	114	105	
14+00	116	-1.0	113	108	
15+00	116	0	112	103	
16+00	113	-0.5	112	101	
17+00	115	-2.0	111	104	
18+00	116	-2.5	111	105	
19+00E	114	-0.5	110	104	
	L 8+00N				
19+00E	114	-1.0	111	103	
18+00	115	-1.0	111	104	
17+00	123	-5.5	112	110	
16+00	123	-5.5	112	110	
15+00	125	-5.0	113	111	
14+00	127	-7.5	113	112	
13+00	127	-5.0	114	111	
12+00	129	-5.0	115	112	
11+00	130	-5.5	116	112	
10+00	133	-5.5	117	114	
9+00	135	-6.0	118	114	
8+00E	135	-6.0	120	112	
7+00E	135	-5.0	122	111	

L12+00 S

20 S	117	-2.5	110	106	
19 S	120	-6.0	110	109	
18 S	116	-3.0	111	105	
17 S	113	-1.5	111	102	
16 S	119	-3.0	112	106	
16	120	-3.5	112	108	
15 S	123	-4.5	112	110	
15	123	-4.0	113	109	
14 S	124	-5.0	113	110	
13 S	125	-4.0	114	110	
12 S	123	-4.0	115	107	
11 S	124	-4.5	116	107	
10 S	127	-5.5	117	108	
9 S	120	-2.5	119	101	
8 S	122	-1.0	120	102	
7 S	125	-1.5	123	102	
6 S	128	-0.5	126	102	
5 S	135	-0.5	130	104	
4 S	143	-2.0	136	105	
3 S	155	-2.5	145	107	
2 S	173	-1.5	164	105	
1 S	273 47 INS	+1.0	219	98	
	L 24+00 S		Loop (2) 20 × 44		
1 S	300 50 INS	+5.0	211	95	
2 S	150	+6.0	158	95	
3 S	144	+0.5	140	103	
4 S	141	-2.5	131		

Station

200 Hz Loop 2 (23)

SEIGEL ASSOCIATES
LIMITED

L24+00 S CONT.

Twp. KLUANE LAKE YUKON	Prop. ATLAS Expl.	Date 10-9-70
Oper. JSB	Asst. GM	Method TURAM

Station					
550 E	131	0	126	104	
6	127	0	124	102	
650	124	+1.5	122	102	
7	122	+2.0	120	102	
750	121	+2.5	119	102	
800	115	+4.0	117	98	
850	107	+8.0	116	92	
1000	95	+12.5	115	83	
1150	100	+9.5	114	88	
12	109	+5.0	113	97	
1250	115	+0.5	113	102	
13	126	-5.5	112	112	
1350	128	-7.0	112	115	
14	128	-8.0	112	115	
1450	130	-10.0	111	117	
15	124	-6.5	111	112	
1550	117	-2.5	111	105	
16	110	+3.0	111	99	
1650	109	+3.0	110	99	
17	108	+3.0	110	98	
1750	106	+4.5	110	96	
1850	105	+3.5	109	96	
1950 E	109	+2.0	109	100	

L 20+00 S

1950E	105	+4.0	110	95	
1850	109	+1.5	110	99	
1750	110	+1.0	111	99	
1650	105	-1.5	111	104	
16	116	-3.0	112	105	
1550	121	-4.0	112	108	
15	123	-5.0	112	110	
1450	104	+5.5	113	92	
14	108	+2.5	113	96	
1350	122	-4.5	114	107	
13	125	-5.0	114	110	
1250	122	-3.5	114	107	
12	124	-3.5	115	108	
1150	123	-2.5	115	107	
11	121	-0.5	116	103	
1050	111	+4.0	116	96	
10	108	+6.0	117	92	
950	107	+6.5	118	91	
850	105	+7.0	120	87	
750	~~98~~ 95	~~+10.5~~ +13.5	122	86	
650	~~110~~ 115	~~+8.0~~ +8.5	126	87	
6	133	-1.0	128	104	
550	135 135	-1.0 -1.0	130	104	
450	144	-1.0	137	105	
350	154	-0.5	148	104	
250E	173	0	169	102	

Station

SEIGEL ASSOCIATES
LIMITED

(25)

Twp. Wawanosh Kirkfield Ward	Prop. Wells Subd.	Date 11-9-70
Oper. JSB	Asst. Bill	Method Tape

Station					
	JSB	Chase			
			S		
150 E	44 227 INV	0	219	99	
250	174	0	169	103	
350	155	-1.0	148	105	
450	144	-1.5	137	105	
550	135	-1.5	130	104	
600	133	-1.0	128	104	
625	130	-0.5	127	102	25
650	105	+17.5	126	83	
	105	+15.5			
175	108	+11.0	125	86	
7	114	+8.0	124	92	
750	117	+6.5	122	96	
8	88	+12.0	121	81	
850	100	+12.0	120	83	
9	106.5	+7.0	119	89	
950	108	+5.5	118	92	
10	103	+9.5	117	88	
1050	105	+6.5	116	91	
11	116	-0.5	115	101	
1150	123	-5.0	115	107	
12	125	-6.5	114	110	
1250	126	-7.0	114	111	
1300	129	-9.0	113	114	
1350	128	-9.0	113	113	
14 E	116	-3.0	113	103	

Station					
3750	110		120	99	
3500	104	-0.5	110	99	
3250	111	+1.0	111	100	
3000	116	-2.0	111	105	
2750	125	-6.5	111	111	
2500	128	-7.5	112	113	
2250	119	-2.5	114	104	
2000	122	-3.0	114	107	
1750	124	-3.5	115	108	
1500	123	-2.5	117	105	
1250	120	-0.5	118	102	
1000	102	+9.0	120	85	
750	104	+9.0	123	85	
500	130	-1.5	126	104	
250	127	+0.5	127	117	
3+00	95	+1.0	113	93	
2750	102	+5.0	113	94	
2500	104	-1.0	112	97	
2250	114	-1.0	112	110	
		18+00 = 0			
2+00	95	+2.0	223	110	
500	127	+0.5	126	117	

SEIGEL ASSOCIATES
LIMITED

Twp.	Prop.	Date
Oper.	Asst.	Method

Station				
		Line 1		
11350W	47 mv	+2.0	219	2
12350	164	-1.0	163	101
13350	141	0	144	96
14350	140	-3.5	135	104
15350	130	-1.5	129	101
16350	131	-3.5	125	105
17350	135	-4.0	122	111
18350	131	-4.5	120	109
19350	122	0	116	103
20350	~~128~~ 108	~~+4.0~~ -2.5	116	110
21350	108	+9.0	115	92
22350W	116	+3.5	114	102
		Line 16+00		
21350W	127	-1.0	117	109
20350	118	+5.5	118	100
19350	116	+5.5	120	97
18350	126	+3.0	122	99
17350	127	+1.0	125	102
16350	122	+4.0	126	95
15350	131	+1.0	133	99
15	142	-2.5	136	104
14350	151	-5.5	140	108
14	161	-9.0	145	111
13350W	162	-6.0	152	107

13W	151	-2.0	161		
12S0	166	-2.0	174	96	
11S0W	332	-4.0	236	94	
11S0W	45 MPH	-4.5	226	90	
12S0W	162	-4.5	181	95	
12S0	171	-3	191		
14S0	141	-3	158		
15S0	134	-1	141		
16S0	136	-3.5	128	126	
17S0	131	-2.0	125	125	
18S0	130	-1.5	122	107	
19S0	126	-0.5	120	105	
20S0	128	-1.5	119	105	
21S0W	124	-0.5	117	106	
		STOP			
21S0W	128	-4.0	107	105	
20S0	126	-2.5	110	107	
19S0	128	-1.5	110	107	
18S0	131	-3.0	122	109	
17S0	137	-3.5	124	105	
16S0	136	-3.5	127	107	
15S0	137	-2.5	131	105	
14S0	138	-1.0	137	101	
13S0	146	-1.0	157	99	
12S0	165	-1.5	166	99	
11S0W	45 MPH	+1.0	223	99	

Station

SEIGEL ASSOCIATES
LIMITED

Loop (3) (59)

Twp. Round Lake Yukon	Prop. Reeds Syn.	Date 12-9-70
Oper. J.S.B.	Asst. Gill	Method Turam

Station	OFSR	Phase			
	Loop Stn N				
1150W	+5 INV	+2.0	221	100	
1200	164	-1.0	165	100	
1350	151	-3.5	146	103	
1400	145	-4.5	137	106	
1550	133	-3.0	131	102	
1650	133	-3.0	127	105	
1750	132	-4.0	124	107	
1850	129	-2.5	121	107	
1950	132	-5.5	120	110	
2050	129	-4.0	118	110	
2150W	122	0	117	104	
	Loop 00				
2150W	125	-1.0	117	107	
2050	127	-2.5	118	108	
1950	129	-3.0	119	108	
1850	128	-2.5	121	105	
1750	123	+3.5	123	100	
1650	114	+8.0	126	91	
1550	133	-1.5	130	102	
1450	140	-2.0	136	103	
1350	147	-1.5	146	101	
1250	[illegible]	[illegible]	16.5	99	
				100	

(3-0)

Lakeside

11500	47 INC	+1.0	221	97	
1250	159	-0.5	165	96	
1350	142	0	146	97	
1450	137	-1.5	136	101	
1550	135	-3.0	130	104	
1650	132	3.5	126	105	
1750	135	-8.0	123	112	
1850	137	-6.5	121	113	
1950	135	-6.0	119	115	
2050	129	-2.0	118	110	
2150 W	131	-8.0	117	112	
	L	8+00			
2150 W	133	-7.0	117	114	
2250	139	-10.0	116	113	
1950	133	-5.0	120	111	
1650	132	-3.5	121	109	
1250	136	-5.5	124	110	
1650	132	-2.0	127	104	
1550	136	-3.0	131	102	
1450	149	-6.5	132	110	
1350	151	-7.0	134	109	
1250	149	-8.5	145	105	
1150 W	46 INC	+0.5	224	95	
	L 12	+0.5			
1150 W	45 INC	+0.5	223	100	
1250	168	-2.0	166	102	
1350 W	151	-2.5	147		

Station

SEIGEL ASSOCIATES
LIMITED

44 x 15

(33)

Twp. KLUANE LAKE YUKON	Prop. ATLAS EXT.	Date 3-9-70
Oper. J.S.B.	Asst. G.M.	Method TURAM

Station	OFSR.	PHASE			
	L 16 100 S				
1850E	44 227 INV	+0.5	221	102	
1900	170	-1.0	165	103	
1950	152	-2.0	146	104	
2000	140	-3.0	137	102	
2050	135	-3.0	131	103	
2100	130	-3.5	126	103	
2150	129	-4.0	123	105	
2200	130	-5.5	122	107	
2250	138	-11.0	121	114	
2300	140	-12.0	120	117	
2350	135	-9.5	119	114	
2400	132	-8.0	118	112	
2450	130	-7.0	118	110	
2500	129	-6.0	117	110	
2550E	129	-5.5	115	112	
	L 20 400 S				
2350E	131	-8.0	114	115	
2800	131	-7.5	115	114	
2750	137	-11.0	116	118	
2700	142	-13.0	118	121	
2650	127	-5.0	120	106	
2600	127	-4.5	122	104	
2550E	130	-4.5	127	102	

SEIGEL ASSOCIATES
LIMITED

Twp. KLUANE LAKE YUKON	Prop. ATLAS EXT.	Date 4-9-70
Oper. J.S.B.	Asst. G.M.	Method TURAM

Station	@FSR	PHASE			
	L 20 TOE N				
050E	49 [illegible]	+1.0	216	96	
050W	159	-1.0	160	89	
100	148	-4.0	141	[illegible]	
200	141	-4.5	130		
350	136	-4.0	127	[illegible]	
400	137	-4.0	123	[illegible]	
550	134	-5.0	120	112	
600	131	-4.5	115	111	
700	131	-5.0	117	112	
850	130	-4.0	115	113	
900	127	-2.5	114	111	
1050	130	-5.0	113	115	
1100W	127	-2.0	113	112	
[redacted]	L 16 TOE N				
1150	122	+3.0	114	107	
1050W	122	+3.0	115	107	
950	122	+3.5	116	107	
900	129	-2.5	117	110	
750	130	-2.0	119	111	
600	131	-3.0	121	115	
550	132	-3.0	122	109	
450	139	-6.5	126	120	
300	141	-6.5	131	108	
250W	147	-5.0	136	106	

450W	155	-5.5	149		
050W	170	-2.5	170		
050E	46 mW	+0.5	231		
	12+00 N				
050E	43 mW	+1.0	131	96	
050W	163	-1.0	165		
150	149	-2.5			
250	143	-4.0			
350	140	-5.5	130		
450	140	-6.0			
550	137	-5.5			
650	135	-4.5			
750	132	-3.0			
850	129	-2.0			
950	126	-1.0			
1050	127	-3.0			
1150W	127	-1.5			
	8+00 N				
1150W	129	-2.5			
1050	128	-1.5			
950	130	-2.5			
850	132	-3.5			
750	132	-3.5			
650	133	-3.5			
550	134	-4.0			
450	137	-4.5	126		
350W	140	-5.0			

Station

SEIGEL ASSOCIATES
LIMITED

L 8+00 N cont'd.

Twp.		Prop.		Date 14-6-70	
Oper.		Asst.		Method	

Station					
2+50 W	144	-4.5	135	107	
2+00	150	-3.5	144	104	
1+50 W	166	-2.0	163	102	
1+00 E	218 INV	+1.0	218	100	
	L 8+00 N			116	
0+50 E	49 204 INV	+1.0	216	94	
0+00 W	159	-1.5	162	98	
0+50	146	-3.0	143	102	
1+00	141	-3.0	134	105	
1+50	136	-3.0	129	105	
2+00	134	-3.0	125	107	
2+50	129	-1.0	122	106	
3+00	127	-1.0	120	106	
3+50	127	-1.0	119	107	
4+00	127	-1.5	117	109	
4+50	129	-1.5	116	111	
5+00	125	+1.5	115	109	
5+50 W	120	+3.0	114	105	
	L 0+00			120	
5+50 W	127	-3.0	114	111	
6+50 W	126	-2.0	115	110	
7+50 W	127	-2.5	116		
8+50 W	128	-3.0	117	110	
9+50 W	131	-4.5	118	111	

~~7+00~~	~~3.5~~				
6+50W	129	-3.5			
5+50	131	-4.0			
4+50	132	-3.0		105	
3+50	136	-3.5			
2+50	137	-3.0			
1+50	143	-1.5			
0+50W	155	-0.5			
0+50E	200 ins.	+1.0			
	4+00 S				
0+50E	200 ins.	+0.5			
0+50W	159	0			
1+00	143	-1.0			
2+00	137	-1.5			
3+00	134	-2.5			
4+00	133	-4.0			
5+00	130	-3.0			
6+00	129	-4.0			
7+00	128	-4.0			
8+00	128	-3.0			
9+00	125	-2.5			
10+00	127	-3.5			
11+00W	123	-2.0			
	8+00 S				
11+00W	127	-3.5			
10+00	126	-3.0			
9+00	130	-5.0			Station
8+00W	136	-11.5			

L 16 two S

1150W	112	+4.5	[illegible]	35	
1000	113	+1.5	[illegible]	95	
950	129	-7.5	116	111	
850	126	-5.5	119	108	
750	126	-4.0	119	[illegible]	
650	123	-2.0	121	102	
550	126	-3.0	123	[illegible]	
450	126	-1.0	126	100	
350	128	+0.5	130	93	
250	134	0	[illegible]	99	
150	142	+1.0	135	97	
050W	154	+3.0	165	[illegible]	
050E	232 [illegible]	+5.0	221	~~96~~	
	L 20 two S			L 4	
050E	227 [illegible]	+0.5	231	94	
050W	188	-5.5	170	110	
150	163	-5.0	149	107	
250	151	-5.0	138	103	
350	137	-3.5	131	105	
450	131	-3.5	126	109	
550	128	-3.5	125	102	
650	129	-5.5	121	[illegible]	
750	126	-4.5	118	[illegible]	
850	126	-5.0	[illegible]	[illegible]	
950	125	-5.5	116	[illegible]	
1050	127	-6.5	115	[illegible]	
1150W	127	-6.5	112	[illegible]	Station

(4)

SEIGEL ASSOCIATES
LIMITED

Twp.	Prop.	Date 14-9-70
Oper.	Asst.	Method Turam

Station				
	L 2400 S			400 Hz.
1100W	125	-8.0	113	111
1000	123	-6.0	113	109
900	124	-5.5	114	109
800	130	-8.0	115	113
700	140	-13.0	117	120
600	143	-12.5	118	121
500	126	-9.5	120	113
400	134	-6.5	123	109
300	167	-18.0	127	132
200	150	-11.5	132	114
100	173	-13.5	141	123
0 100W	165	-4.5	160	103
0 100E	213 49 INV	+4.0	213	108
	L 0 400			400 Hz.
18+50E	204 49 INV	+1.0	216	94
1900	169	-6.0	162	104
2050	146	-2.5	143	102
2150	136	-2.5	136	101
2250	129	-1.0	128	100
2350E	127	-2.0	125	101
	L 4400 S			6400 Hz.
2500E	124	-2.5	120	103
2450	124	-1.0	122	102
2350E	127	-1.0	125	102

22750E	122	-2.5	129	103	
2150	138	-2.5	134	103	
20750	146	-2.0	143	102	
19750	164	-1.5	162	101	
18750E	48 208 IND.	+1.5	216	97	
	2	8 tons	5		400 Hz.
17750C	47 213 IND.	+1.5	217	98	
1650	162	-2.0	162	100	
20750	146	-2.5	146	101	
21750	138	-3.0	135	102	
22750	133	-3.0	129	103	
23750	131	-3.5	125	105	
24750	125	-1.5	122	102	
25750	124	-2.0	120	103	
26750E	123	-1.5	119	103	
	2	12 tons	5		400 Hz.
27750E	124	-4.5	117	106	
26750	128	-5.0	119	108	
25750	127	-4.5	121	105	
24750	129	-5.0	123	105	
23750	135	-7.0	126	107	
22750	141	-8.0	130	109	
21750	140	-4.0	135	104	
20750	147	-1.5	145	101	
19750	165	-1.0	163	101	
18750E	45 223 IND.	0	218	102	
					Station

SEIGEL ASSOCIATES
LIMITED

(43)

Twp.	Prop.	Date 15-9-70
Oper.	Asst.	Method T & Rm

Station					
	L 8 +00 E			L	
13 50 S	44.20	+2.5	[illegible]	77	
1450	166	+2.5	[illegible]	96	
1550	148	+1.5	[illegible]	91	
1650	145	-1.5	[illegible]	[illegible]	
1750	150	-2.5	[illegible]	[illegible]	
18	135	-2.0	[illegible]	2	
1850	132	-1.0	131	[illegible]	
1950	126	+0.5	[illegible]	[illegible]	
2050	122	+1.5	[illegible]	[illegible]	
2150	122	0	[illegible]	[illegible]	
2250	122	-1.5	122	100	
2350 S	118	0	120	98	
	L 12 +00 E			R	
2350 S	125	-4.5	120	102	
2250	122	-2.0	122	[illegible]	
2150	123	-1.5	124	[illegible]	
2050	124	+0.5	126	[illegible]	
1950	129	-1.5	128	101	
1850	137	-3.5	132	[illegible]	
1750	140	-1.5	[illegible]	[illegible]	
1650	145	-2.0	145	[illegible]	
1550	158	-1.5	[illegible]	[illegible]	
1450	173	-1.0	173	[illegible]	
1350 S	41.29 [illegible]	+3.5	231	106	

L 16+00 E

13505	42 338 Inc.	+1.0			
1400	179	-0.5			
1550	164	-4.5			
1630	157	-5.5			
1750	148	-7.5			
1830	135	-3.0			
1930	125	+4.0			
2030	125	+1.0			
2130	128	-4.5			
2205	123	-4.0			
~~2250~~	~~145~~	~~-15.5~~			
2275	145	-15.5			
2250	140	-13.5			
23	152	-18.0			

CHECK WITH GOLDS

Station

SOIL SAMPLES

MAP (PHOTO) NO. _____ PG. _____

ATLAS EXPLORATIONS PROJECT _____ SAMPLER W. H. DATE Aug 21/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
28958	Silt	; 1.0, S. Clay	from bottom		Silt, t		; No float	
28959	10"	Brown Clay	beneath	Grey V. Ash				
28960	8"	Ditto						
28961	12"	Brown Clay	beneath	Black	Organic		No Ash Seen	
28962	8"	Grey V. Ash	above	Permafrost				
28963	16"	Brown Clay	beneath	G.V. Ash	above	Permafrost		
28964	12"	Brown Alluvium	beneath	Black	Organic			
28965	Silt	1.0, S. ST. —	; No float					
28966	12"	Brown Alluvium	beneath	Black	Organic			

SOIL [redacted]ES

MAP (PHOTO) NO. _____ PG. _____

ATLAS EXPLORATIONS PROJECT _____ SAMPLER _____ DATE _____

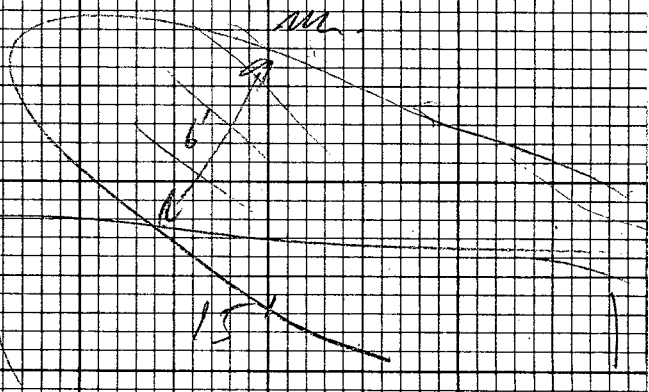
SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
28967	8"	Volcanic Ash above Permafrost						
28968	14"	Brown Clay beneath Grey Ash.						
28969	16"	Brown Alluvium beneath Grey Ash.						
28970	8"	Ditto						
28971	Silt	2-0; m, ST, —; No float Stream Ag mine is on						
28972	12"	Brown Alluvium beneath Grey V Ash.						
28973								
28974								
28975								

H-1 — ash upthrow 110/30 N (Eocene)

— quartz-tone dyke? 70-80/ vertical (Eocene)

— one fold 100/ horizontal

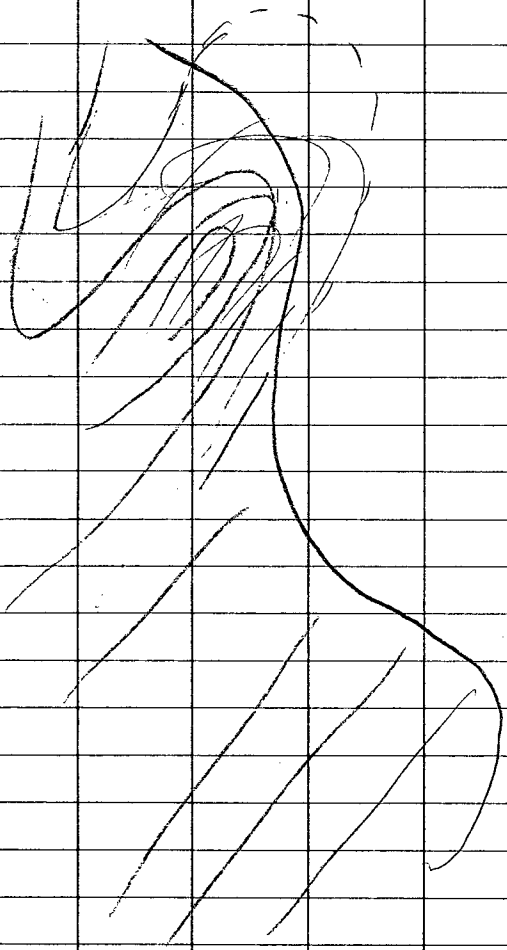
— knife section 150/30-40 N



sample (decortication plug) across about 8'

② Showing ② about 10 NW of ①

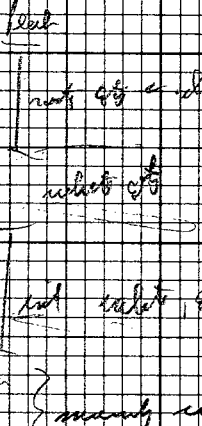
① small, only one point, poorly exposed but fold structure well delineated; the axial surface appears to be of decortication origin



320 LX Pacific Rainproof

① Landing speed = unit gfg = lbf. dr.
330/55 sw

Approaching peak 310/80 sw. Root
section crank radius before peak,
across engine towards root,
and on to nearly cliff.



320 LX Pacific Rainproof