

015630

SILT SAMPLES

MAP (PHOTO) NO. A12186-330PG. 1

ATLAS EXPLORATIONS

PROJECT QWL SAMPLER J BRITTON DATE AUG

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
47800	1 ft	M	ST	+	0	0	
01	SEEP	S	SD/CL	+	0	0	
02	2 ft	F	ST/CL	0	0	0	
03	1.5 ft	M	CL	+	0	0	
04	8"	S	ST	+	0	0	
05	6"	SEEP.	SD/CL	+	0	0	
06	6"	"	ST/CL	+	0	0	
47807	1 ft	M	ST/CL	+	0	0	

SILT SAMPLES

MAP (PHOTO) NO. A12186-330PG. 2

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER BRITTONDATE AUG

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
47,808	2 ft	F	ST	+	0	0	
09	6"	NIL	ST/SD	+	0	0	
10	6"	"	ST/SD	+ + +	0	0	
11	4 ft	F	ST/SD	0	0	0	
12	10"	S	CL	+	0	0	
13	6"	NIL	CL	0	0	0	
14	12"	"	CL	+	0	0	
47,815	6 ft	F	CL	0	0	✓	

SILT SAMPLES

MAP (PHOTO) NO. A12186-330PG. 3

ATLAS EXPLORATIONS

PROJECT OLWSAMPLER BRITTONDATE AUG 11

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
47816	2 ft	NIL	CL	+	0	0	
17	8"	S	CL	+	0	0	
18	2 ft	F	ST	+	0	0	
19	6"	S	ST/SD	±	0	0	
20	1 ft	M	ST	+	0	0	RUSTY STAINS ON BOTTOM
21	10"	S	ST	+	0	0	
22	2 ft	S	ST	+	0	0	
47823	1 ft	S	ST/CL	+	0	0	A12203-469

SILT SAMPLES

MAP (PHOTO) NO. A12203-409PG. 4

ATLAS EXPLORATIONS

PROJECT OWCSAMPLER BRITZONDATE Aug

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
97824	1.5 ft	m	ST	++	0	0	
25	1 ft	m	ST	0	0	0	
26	6"	NIL	ST/SD	+	0	0	
27							
28							
29							
30							
478 31							

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 1

ATLAS EXPLORATIONS

PROJECT HESS - OWL SAMPLER J. BRITTONDATE JULY 24

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,500	4W	2S	1.5 ft	GREY BR.	CL	+	—	FROZEN 15' SE OF STN
47 501	4W	4S	1.5'	"	CL	+	—	WET 25' SE OF STN
502	4W	6S	2'	LIGHT BROWN	CL	0	—	MOIST 20' NE OF STN
503	4W	8S	1.5'	BROWN	CL	0	—	FROZEN
504	4W	10S	2.5'	"	CL	+	—	" 15' W OF STN
505	4W	12S	1.5'	"	CL	0	—	"
506	4W	14S	1.5'	"	CL	+	—	"
47,507	4W	16S	2.5'	"	CL	0	—	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 2

ATLAS EXPLORATIONS

PROJECT DWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,508	4W	185	2'	Brown	CL	0	ANG TALIS	FROZEN
509	4W	205	1.5'	"	CL	0	"	MOIST
510	4W	225	1ft	"	CL	0	"	"
511	4W	245	1'	"	CL	0	"	"
512	4W	265	6"	"	CL	0	"	"
513	4W	285	1'	"	CL	0	"	"
514	4W	305	6"	"	LOOSE	0	"	"
47,515	4W	32-0	8"	"	CL	0	—	MOIST

D/C
NEAR

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 3

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____ DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,516	4W	2N	1'	GREY BROWN	CL	+	-	MOIST
517	4W	6N	2.5'	"	CL	0	-	FROZEN
518	4W	8N	2.5'	BROWN	CL	0	-	"
519	4W	12N	1'	"	CL	+	-	WATER LOGGED
520	4W	14N	2.5'	GREY BROWN	CL	+	-	FROZEN
521	4W	20N	10"	BROWN	CL	0	-	MOIST
522	4W	22N	1.5'	GREY BROWN	CL	0	-	FROZEN
47,523	4W	24N	1ft	BROWN	LOOSE	0	-	

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 4

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47524	4W	26N	1.5'	GREY BROWN	CL	+	-	FROZEN 20' NE OF STN.
525	4W	28N	1.5'	"	CL	0	-	"
526	4W	30N	1.5'	"	CL	0	-	"
527	4W	32W	6"	"	CL	0	-	MOIST BANK SAMPLE TO E. CREEK.
528	12W	3L-0	2.5'	"	CL	+	-	FROZEN
529	12W	2S	1'	"	ST/CL	+	-	WATERLOGGED 15' E. OF STN
530	12W	4S	2'	BROWN	CL	0	-	FROZEN
47,531	12W	6S	2'	GREY BROWN	ST/CL	0	-	WATERLOGGED 25' W. OF STN

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 5

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,532	12W	85	1'	GREY Brown	CL	0	—	SOAKED
33	12W	105	1.5'	"	CL	0	—	FROZEN
34	12W	125	2.'	BROWN	CL	+	—	"
35	12W	145	2.5'	"	CL	+	—	"
36	12W	165	1.5'	"	CL	0	—	"
37	12W	185	10"	"	CL	0	—	"
38	12W	205	6"	"	LOOSE	0	MINI FALIS	O/CPS NEAR (AT 215)
47,539	12W	225	6"	"	"	+	"	FALIS HAS RUSTY STAINS

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 6

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,540	12W	24S	6"	blawn	LOOSE	0	RUSTY ANG. TAGS	
41	12W	26S	8'	"	"	0	"	
42	12W	28S	1'	"	CL	+	-	FROZEN
43	12W	30S	6"	"	CL	0	"	MOIST / O/CPS NEAR
44	12W	2N	1.5'	GREY blawn	CL	0	-	FROZEN
45	12W	4N	1.5'	"	CL	0	-	MOIST
46	12W	6N	2'	"	CL	+	-	FROZEN
47,547	12W	8N	1.5'	"	CL	0	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 7.

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____DATE 10

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,548	12W	10N	1.5'	GR/BR.	CL	0	—	FROZEN
49	12W	12N	1'	"	CL	0	—	WATERLOGGED
50	12W	14N	1.5'	"	CL	0	—	FROZEN
51	12W	16N	1'	BROWN	CL	0	—	"
52	12W	18N	1.5'	GREY BROWN	CL	0	—	"
53	12W	20N	1.5'	BROWN	CL	0	—	"
54	12W	22N	6"	"	CL	0	—	DIST 50' N. OF STN
47,555	12W	24N	1.5'	GREEN BROWN	CL	0	—	FROZEN

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 8

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,556	12W	26N	1'	GREY BRN	CL	0	-	FROZEN
57	12W	28N	1.5'	GREY	CL	0	-	FROZEN
58	12W	30N	1'	GREY	CL	0	-	MOIST
59	20W	2-S	1.5'	BR.	CL	++	-	FROZEN
60	20W	35*	8"	GR- BR.	CL	0	ONE RUSTY ROCK	350' S. OF BL. 20' W OF L-20W
61	20W	4S	1.5'	"	CL	+	-	FROZEN
62	20W	6S	1.5'	"	CL	+	-	"
47,563	20W	8S	1'	"	ST/LL	0	-	MOIST - BOTTOM OF NEARBY SEEPAGE

SOIL SAMPLES


MAP (PHOTO) NO. _____

PG. 9

ATLAS EXPLORATIONS

PROJECT OLX SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,564	20W	10S	10"	BROWN	CL	0	ANG TALIS	MOIST
65	20W	12S	10"	GREY BROWN	CL	0	"	"
66	20W	14S	1'	BROWN	CL	+		" 30' SW. OF STN.
67	20W	16S	1.5'	"	CL	0	ANG TALIS	FROZEN
68	20W	18S	10"	"	CL	0	"	"
69	20W	20S	8"	"	LOOSE	0	"	} OCP NEAR (AT 22S) RUSTY STAIN ON ROCK
70	20W	22S	2"	"	"	0	"	
47,571	20W	24S	10"	"	"	+	"	

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 10

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____DATE 4/22

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (OZ CPS., WETNESS, ETC.)
47,572	20W	26S	6"	brn	LOOSE	0	RUSKY ANG PARIS	
73	20W	28S	1'	"	CL	0	—	moist
74	20W	30S	6"	"	LOOSE	0	"	
75	20W	2N	1.5'	GR. BR.	CL	+	—	FROZEN
76	20W	4N	1.5'	"	CL	+	—	"
77	20W	6N	1.5'	"	CL	+	—	"
78	20W	8N	2'	"	CL	+	—	"
47,579	20W	10N	1.5'	"	CL	0	—	moist

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 71

ATLAS EXPLORATIONS

PROJECT QWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,580	20W	12N	10"	Brown	CL	0	-	MOIST
81	20W	14N	10"	"	CL	0	-	"
82	20W	16N	1'	GREY Brown	CL	0	-	"
83	20W	18N	1.5'	"	CL	0	-	FROZEN
84	20W	20N	1'	"	CL	0	-	MOIST
85	20W	22N	10"	"	CL	0	-	"
86	20W	24N	14"	"	CL	0	-	"
47,587	20W	26N	1.5'	"	CL	0	-	SOAKED

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 12

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,588	20W	28N	1'	GREY BROWN	CL	0	—	FROZEN
89	28W	15L-0	1.5'	GREY	CL	0	—	FROZEN 1/4' O' S. OF STN
90	28W	25	1.5'	"	CL/ST	++	—	SOAKED - NEARBY SEEP
91	28W	65	2'	"	CL	+	—	FROZEN
92	28W	85	8"	"	ST/CL	+	—	WET SEEP. BOTTOM
93	28W	105	10"	"	ST/CL	0	—	"
94	28W	125	1'	BROWN	CL	0	—	MOIST 30' SW OF STN.
47,595	28N	145	8"	"	CL	0	—	" 20' N. OF STN

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 13

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,596	28W	16S	10"	brown	CL	0	-	MOIST
97	28W	18S	6"	"	CL	0	ANG TALIS	" / OUP NEARBY
98	28W	20S	10"	"	CL	+	RUSBY ANG TALIS	" "
99	28W	22S	6"	"	CL	0	"	" "
47600	28W	24S	6"	"	CL	0	"	"
,601	28W	26S	6"	"	CL	0	"	"
,602	28W	28S	1'	GREEN brown	CL	0	-	"
,603	28W	30S	8"	brown	CL	0	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 14

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,604	28W	2N	1.5'	BROWN	CL	+	-	FROZEN
05	28W	4N	1'	GREY BROWN	CL	0	-	"
06	28W	6N	1'	"	CL	+	-	"
07	28W	16N	1.5'	BROWN	CL	0	-	MOIST 40' N OF STN
08	28W	18N	10"	GREY BROWN	CL	0	-	"
09	28W	20N	6"	"	CL	0	-	" 20' S OF STN
10	28W	22N	1.5'	GREY	CL	0	-	FROZEN
47,611	28W	24N	1.5'	"	CL	0	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 151

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,612	28W	26N	10"	GRSY	CL	0	-	FROZEN
13	28W	29N	1.5'	"	CL	0	-	"
14	28W	30N	1.5'	"	CL	0	-	"
15	28W	32N	6"	"	CL	0	-	WET
16	28E	3N	10"	"	CL	0	-	"
17	28E	4N	10"	"	CL	0	-	FROZEN
18	28E	6N	1'	"	CL	0	-	"
47,619	28E	8N	8"	"	CL	0	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 16

ATLAS EXPLORATIONS

PROJECT DWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,620	28E	10N	16"	GREY yellow	CL	⊖	-	MOIST
21	28E	12N	8"	GREY	CL	+	-	"
22	28E	14N	10"	GREY BROWN	CL	0	-	"
23	28E	16N	12"	"	CL	0	-	"
24	28E	18N	12"	"	CL	+	-	FROZEN
25	28E	20N	9"	GREY	CL	0	-	MOIST
26	28E	22N	6"	yellow	CL	0	-	MOIST
47,627	28E	24N	10"	GREY BROWN	CL	0	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 17

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,628	28E	26N	10"	khaki	LOOSE	0	—	
29	28E	28N	6"	GREY	"	0	—	
30	32E	26N	6"	GREY BROWN	CL	0	—	MOIST
31	32E	24N	8"	GREY	CL	0	—	"
32	32E	22N	12"	"	CL	0	—	"
33	32E	20N	8"	BROWN	CL	0	—	FROZEN
34	32E	18N	12"	GREY BROWN	CL	0	—	"
47,635	32E	16N	10"	BROWN	CL	0	—	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 18

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,636	32E	14N	8"	GREY	CL	0	-	MOIST
37	32E	12N	10"	GREY BROWN	CL	0	-	FROZEN
38	32E	10N	10"	"	SD/CL	0	-	"
39	32E	8N	13"	"	CL	0	-	MOIST
40	32E	6N	14"	BROWN	CL	+	-	FROZEN
41	32E	4N	16"	GREY	SD	0	-	MOIST
42	32E	2N	18"	"	CL	++	-	FROZEN
47,643	16E	BL-0	1.5'	"	CL	+	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 19

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,644	16E	2S	6"	GREY	CL	0	-	MOIST
45	16E	4S	8"	"	CL	0	-	"
46	16E	6S	8"	"	CL	0	-	"
47	16E	8S	8"	"	CL	0	-	" 20' W OF STN
48	16E	10S	6"	GRY	CL	0	-	"
49	16E	12S	10"	"	CL	0	-	FROZEN
50	16E	14S	1ft	"	CL	0	-	MOIST
47,651	16E	16S	1ft	GREY	CL	0	-	FROZEN

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 20

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,652	16 E	18 S	8"	BRN.	CL	+	0	FROZEN
53	16 F	20 S	10"	"	CL	+	0	MOIST
54	16 E	22 S	6"	"	CL	0	-	"
55	16 E	24 S	6"	"	CL	+	ANG TALIS	"
56	16 E	26 S	8"	"	CL	0	"	"
57	16 E	28 S	10"	GREY BR.	CL	0	-	FROZEN
58	16 E	30 S	10"	"	CL	0	"	" ESTIMATED. 100' MORE.
47,659	16 E	2 N	8"	GREY	CL	+	-	FROZEN

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 24

ATLAS EXPLORATIONS

PROJECT DWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,660	16E	4 N	1 ft	GREEN	CL	+	-	FROZEN
61	16E	6 N	8"	"	CL	0	-	MOIST
62	16E	8 N	1'	GR/BR	CL	0	-	FROZEN 20' E OF STN
63	16E	12 N	1'	GREEN	CL	6	-	" "
-64	16E	14 N	8"	"	CL	0	-	MOIST
65	16E	16 N	1'	BR.	CL	+	-	FROZEN
66	16E	18 N	10"	GR/BR	CL	0	-	MOIST
47,667	16E	20 N	8"	BR/GR	CL	0	-	"
						1		

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 72

ATLAS EXPLORATIONS

PROJECT OW2 SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,668	4E	BL-0	10"	GREY	CL	0	-	WETNESS
69	4E	2N	10"	"	CL	0	-	" 25' W. OF STA
70	4E	4N	12"	"	CL	0	-	"
71	4E	6N	14"	"	CL	0	-	"
72	4E	8N	10"	"	CL	0	-	"
73	4E	10N	10"	"	CL	0	-	"
74	4E	12N	9"	"	CL	0	-	"
47,675	4E	14N	18"	GREY brown	CL	0	-	"

SOIL SAMPLES:

MAP (PHOTO) NO. _____

PG. 29

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,676	4E	18N	9"	BR.	CL	0	-	MOIST
77	4E	20N	12"	GREEN	CL	0	-	FROZEN
78	12E	20N	8"	"	CL	0	-	MOIST 15' W OF STN
79	12E	18N	12"	"	CL	+	-	FROZEN
80	12E	16N	6"	GRIBR	CL	0	-	MOIST 20' S. OF STN
81	12E	14N	10"	"	CL	0	-	FROZEN
82	12E	12N	10"	GREEN	CL	+	-	" 20' W. OF STN
47,683	12E	10N	10"	"	S/CL	0	-	MOIST

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 24

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,684	12E	8N	8"	GR.	CL	0	-	MOIST
85	12E	6N	8"	GR	CL	0	-	FROZEN
86	12E	4N	12"	GR	CL	0	-	"
87	12E	2N	12"	"	CL	0	-	"
88	12E	BL-0	10"	"	CL	0	-	"
89	32W	2S	1.5'	GR	CL	0	-	"
90	32W	4S	10"	GR/BR	CL	0	-	"
47,691	32W	6S	1A	BR.	CL	0	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 25

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,692	32W	8S	12"	BR.	Loose	0	—	50' S. OF STN.
93	32W	10S	1.5'	GR/BR	CL	++	—	Frozen 15' W OF STN
94	32W	14S	2'	BR.	CL	++	—	" 10' E OF STN
95	32W	16S	1.5'	BR.	CL	+	—	"
96	32W	18S	10"	GR/BR	CL	+	ANG TALS RUSTY	MOIST
97	32W	20S	10"	BR.	CL	0	ANG TALS	"
98	32W	22S	6"	BR	Loose	0	"	OLCP NEAR
47,699	32W	24S	6"	BR	"	0	"	" "

SOIL SAMPLES

MAP (PHOTO) NO. A12203-409PG. 26

ATLAS EXPLORATIONS

PROJECT OWL

SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,700	32W	26S	6"	BR	LOOSE	0	KULPY ANG MAY	0/0 P NEAR
,701	32W	28S	6"	BR	"	0	"	"
,702	32W	30S	10"	GR	CL	0	"	MOIST
,703	OFF	GRID.	6"	BR	CL	0	-	A12203-409
,704	"	"	10"	BR	CL	0	-	MOIST
,705	"	"	1.5'	GREY	CL	+	-	"
,706	"	"	9"	BR	LOOSE	0	-	
47,707	"	"	6"	GR/BR	CL	0	-	"

SOIL SAMPLES

MAP. (PHOTO) NO. _____

PG. 27

ATLAS EXPLORATIONS

PROJECT OWL

SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,708	OFF	GR10	8"	BR	CL	0	-	MOIST
09			1ft	BR	CL	+	-	"
10			1ft	GRIBR	CL	0	-	"
11			8"	BR	LOOSE	0	-	O/CPS NEAR
12			6"	BR	CL	+	-	MOIST
13			10"	u	LOOSE	0	-	
14			10"	u	"	0	-	
47,715			6"	u	"	0	King TALIS	O/CPS NEAR

SOIL SAMPLES

MAP (PHOTO) NO. A12203-409PG. 28

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,716	OFF	GRID	10"	BR.	LOOSE	0	-	
17	4E	2S	1ft	GR.	CL	0	-	MOIST
18	4E	4S	8"	"	CL	0	-	FROZEN
19	4E	6S	10"	BR.	CL	0	-	MOIST
20	4E	8S	1ft	GR.	CL	0	-	"
21	4E	10S	1ft	GR.	CL	0	-	" 15" N. of SWN
22	4E	12S	10"	BR.	CL	+	-	FROZEN 25" E of SWN
47,723	4E	14S	1ft	GR/BR	ST	+	-	well

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 29

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER _____

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47,724	4E	165	10"	BR.	ST	+	-	no. ST
25	4E	185	10"	BR.	ST	+	-	"
25	4E	205	1H	BR.	CL	+	ANG RUSTY TAGS	"
27	4E	225	9"	BR.	CL	0	"	"
28	4E	245	6"	BR	ST	+	"	" O/C P AT 25N
29	4E	265	6"	BR.	CL	0	"	" O/C P NEAR
30	4E	285	6"	BR	CL	0	-	"
47,731	4E	305	10"	BR	CL	0	ANG RUSTY TAGS	"

DAY #1

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #1

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER R. WELLS

DATE _____

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47000	WFO	0+005	1 1/2'	Br-Bl.	Sand - st	+	-	FROZEN
7001	L-O	2+005	2'	"	"	"	filling in chart	"
007	L-O	4+005	"	"	"	"	-	"
03	"	6 "	"	Br.	st + clay	-	-	Wet
04	"	8 "	"	Grey	st	+	-	(Rusty crack at 7+005)
05	"	10 "	1 1/2'	Br-Bl	"	+	-	Wet
06	"	12'	1 1/2'	"	st + rk frags	"	ANG. CHERT + SHALE	"
07	"	14 "	2'	"	st + org	"	-	FROZEN
47041	32W	34+000N	1'	Gr.	st + c.l.	+	Pebbs.	WET

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #2

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 4/1

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47008	L-0	16+00S	2'	Br	st	+	-	FRUZE
" 09	L-0	18 S	"	"	"	-	Grainy CHRT	wet
" 10	"	20 S	"	"	st + frags	+	"	"
" 11	"	22 S	"	Br-BI	"	+	"	"
" 12	"	24 S	"	Br	"	+	"	"
" 13	"	26 S	"	"	"	+	"	"
" 14	"	28 S	"	"	"	+	"	"
" 15	"	30 S	1/2	"	"	-	"	"

MINERALIZED

- Galena

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 2A

ATLAS EXPLORATIONS

PROJECT DWL SAMPLER R. WELLSDATE 7/2

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47023	L-0	16N	1 1/2'	Br	st	+	-	FROZ
24	L-0	18N	1 1/2'	Br-B	st	+	-	"
25	L-0	20N						NO SAMPLE
26	"	22"	"	"	"	+	-	" A
27	"	24"	"	"	"	+	-	"
28	"	26"	"	Br.	"	+	-	"
29	"	28"	1 1/2"		"	+	-	"
30	"	30"	"	Br	st	+	-	"

SOIL SAMPLES.

MAP (PHOTO) NO. _____

PG. #24

ATLAS EXPLORATIONS

PROJECT OWN SAMPLER R. WELLSDATE 5/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47202	20E	2400N	1'	Br	st	+	submt chrt ¹⁰⁰	FROZ
" 203	20E	4N	1'	Br	"	"	"	"
" 204	"	6N	—	—	—	—	—	NO SAM
" 205	"	8N	1'	Br-B'	st	++	—	FROZ
" 206	"	10N	1'	Br	st,	—	—	FROZ
" 207	"	12N	—	—	—	—	—	NO SAM
" 208	"	14N	1'	Br	st	—	end pch ¹⁰⁰	DAMP
" 209	"	16N	—	—	—	—	—	NO SAM

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #5

ATLAS EXPLORATIONS

PROJECT 0124SAMPLER R. WELLS

DATE #2

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47031	8W	0+00	1'	br	st	+	—	wet
032	8W	2+00S	"	Bl	sd	—	Angrynd chert	"
33	"	4 S	1 1/2	Bl	st	++	—	"
34	"	6 S	"	Gr	sd st	+	subang chert	"
35	"	8 S	"	Bl	"	+	"	"
36	"	10 S	1'	"	"	++	—	"
37	"	12 S	1 1/2'	"	st	"	—	"
38	"	14 S	1'	Bl	"	"	Ang chert	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #23

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WEUSDATE 5/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47194	20E	14+005	1'	Br	st	—	—	DAMP
" 195	20E	125	1'	Br	st	+	Bl. SME + CHOC	"
" 196	"	105	—	—	—	—	—	NO SAM.
" 197	"	85	1'	Br	st	—	—	DARK
" 198	"	65	1'	Br-bl	"	+	Sub and chrt.	FROZ
" 199	"	45	1'	"	"	+	"	"
" 200	"	25	1'	"	"	+	"	"
" 201	"	05	1'	"	"	+	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #5

ATLAS EXPLORATIONS

PROJECT OLW SAMPLER R. WELLS

DATE #2

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47039	8W	1600S	1'	Br	st	+	mg chnt	FROZ.
" 40	8W	185	1'	"	"	"	"	WET
" 41	8W	205	1'	Br-Bl	st	+	"	"
" 42	"	225	1/2'	Br	"	-	"	WET
" 43	"	245	1'	Br-Bl	st	+	"	FROZ
" 44	"	265	1 1/2'	"	"	"	"	WET
" 45	"	285	1'	Bl	st	++	"	"
" 46	"	305	1'	Br	"	+	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. # 22

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 5/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47186	20E	30+05	1'	Br-B	st	+	—	WET
" 187	20E	285	1'	Br-B	st	+	Suberg B. SILE	"
" 188	"	265	1'	"	st	+++	—	" ON TROP DARK CHAT. MISS. P.X.P.
" 189	"	245	1'	Br	"	+	CHAT	DAMP
" 190	"	225	—	—	—	—	—	NO SAMPLE
" 191	"	205	—	—	—	—	—	NO "
" 192	"	185	1'	Br	st	—	—	DAMP
" 193	"	165	1'	Br	st	—	CHAT	DAMP

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 47

ATLAS EXPLORATIONS

PROJECT owlSAMPLER R. WELLSDATE #3

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47047	8W	2+00N	1 $\frac{1}{2}$	Bl	st	++	—	FROZ
48	8W	4N	"	Br	"	—	Subsidiary chert	"
49	8W	6N	"	Bl-Br	st	—	"	"
50	"	8N	"	Br	"	"	"	"
51	"	10N	"	Br-Bl	"	"	"	"
52	"	12N	"	Bl	"	++	—	"
53	"	14N	2'	"	"	++	—	"
54	"	16N	1 $\frac{1}{2}$	Br	st	+	—	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 20

ATLAS EXPLORATIONS

PROJECT Owe SAMPLER R. WeverDATE Aug 5/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47157	29E	2105	1 1/2'	Br-B1	st	+	-	FROZ
158	29E	45	"	Br	"	-	-	"
159	"	65	"	Br B1	"	++	-	"
160	"	85	"	"	"	"	"	"
161	"	105	1'	Br	Cl.	-	Bl. ANG. MIE	WET
162	"	125	————	————	————	————	————	NO SAM.
163		145	1'	Br	Cl.	-	Rnd Pcks	WET
164		165	1'	Br	"	"	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. # 8

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE *3

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47062	16W	0+00	1'	Bl	st.	++	-	wet.
063	16W	2+00S	1 1/2'	Br:Bl	st	++	any chx	.
64	"	4S	"	Br.	st	+	"	"
65	"	6S	2'	"	"	-	"	Froz.
66	"	8S	1 1/2'	Br	st	+	-	"
67	"	10S	"	Br-Bl	"	+	-	"
68	"	12S	1'	Bl	sd+ st	+	-	wet
69	"	14S	1 1/2'	"	st	++	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #20

ATLAS EXPLORATIONS

PROJECT OaseSAMPLER R. WellsDATE 3/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47179	24E	16N	1/2'	Br	st	—	subrd shle...	FROZ
" 180	24E	18N	1'	"	"	+	"	"
" 181	"	20N	1/2'	Br-BI	"	+	—	"
" 182	"	22N	1'	Br	"	—	—	"
" 183	"	24N	1/2'	"	"	"	"	"
" 184	"	26N	1'	"	"	"	"	WET
" 185	"	28N	"	Gr	+cl.	+	"	"
	"	"						

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 49

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WellsDATE 87

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47070	16W	16+005	1½'	Bl.	st	++	—	Wet
47071	16W	185	1'	Br	st	+	—	"
" 072	"	205	1½'	Br-Bl	sd+st	+	Subang chert	"
" 73	"	225	1'	Br	"	—	"	"
" 74	"	245	1'	"	"	"	"	"
" 75	"	265	1½'	Bl.	st	++	—	Wet
" 76	"	285	1'	Br	sd+st	+	Sub. chert	"
" 77	"	305	½'	Rd-Br	"	—	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #19

ATLAS EXPLORATIONS

PROJECT owc SAMPLER R. WELLSDATE 3/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
4756	24E	0+00N	2'	B/	st	++	—	FROZ ✓
47172	"	2N	2'	wh	cl.	+	—	"
173	"	4N	1 1/2'	wh	cl.	+	—	"
174	"	6N	1 1/2'	Br	st	—	Subang Chart, Side	FR.
175	"	8N	"	Bl+wh	st+ cl.	++	—	"
176	"	10N	2'	Bl+Br	st.	++	—	DAMP
177	"	12N	1'	Br	st	—	ANG. SHLE	"
178	"	14N	—	—	—	—	—	NO SAM.

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 410

ATLAS EXPLORATIONS

PROJECT OLW SAMPLER R. WELLSDATE # 4

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47078	16W	2T00N	1"	Br-BI	st	++	—	wet (1.45% clay etc)
079	16W	4N	1"	"	"	"	"	wet
80	"	6N	1"	"	"	"	"	"
81	"	8N	1"	"	"	+++	—	"
82	"	10N	1 1/2"	Br	st & sd	+	Rnd chert	"
83	"	12N	1 1/2"	Br	st	++	—	FLAZ
84	"	14N	1 1/2"	"	"	+	—	"
* 85	"	16N	1"	Br	Sand + st	—	Susy clay?	wet / (dry) mmp

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #18

ATLAS EXPLORATIONS

PROJECT owlSAMPLER R. W. CUSDATE 3/18/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47198	28E	161005	1'	Br	st.	—	—	WET
" 149	28E	185	—	—	—	—	—	"
" 150	"	205	1'	Br	st	—	—	"
" 151	"	225	1'	Br	st	—	—	"
" 152	"	245	—	—	—	—	—	—
" 153	"	265	1'	Br-bl	st	+	Ang bl.	DAMP ^{LAMP} out crop
" 154	"	285	1'	Br	st	—	—	DAMP
" 155	"	305	1'	Br	st	+	—	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 17

ATLAS EXPLORATIONS

PROJECT OweSAMPLER R. WELLSDATE 3/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47140	28E	0+00	—	—	—	—	—	
" 141	28E	2+00S	1 ⁺	Br	St	+	Rnd Pebis	WET
" 142	"	45	"	Bl	"	++	—	FR. 03
" 143	"	65	"	Bl	"	++	—	FR.
" 144	"	85	"	Bl	"	++	—	"
" 145	"	105	"	Bl	"	++	—	"
" 146	"	125	"	Br	"	+	—	WET
" 147	"	145	"	Br	"	—	—	WET

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #11

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLS

DATE #4

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47092	24W	0+00	-			---	---	--NO SAMPLE
093	24W	2+00N	1 1/2'	Bl	st	++++	-	FROZEN
094	"	4N	2'	Bl+wh	ash+ st	+++	-	"
95	"	6N	1 1/2'	Br.	st	++	-	"
96	"	8N	2 1/2'	Bl+wh	ash+ st	+++	-	"
97	"	10N	"	"	"	"	"	"
98	"	12N	1 1/2'	Br	st	++	-	"
99	"	14N	1 1/2'	"	"	+	-	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #16

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 7/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47132	32E	165	1 1/2'	Br-BI	St	++	—	FROZ
47133	32E	185	1'	Br	"	+	SHORT PEBS	WET
134	"	205	1'	Br	"	+	"	FROZ
135	"	225	—————	—————	—————	—————	—————	NO SAM
136	"	245	1 1/2'	Br-BI	St	++	—	FROZ
137	"	265	1'	Br-BI	St	++	—	"
138	"	285	1'	Br	St	—	—	"
139	"	305	1'	Br	St	+	—	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #12

ATLAS EXPLORATIONS

PROJECT owlSAMPLER R. WEISS

DATE #4

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47100	24W	16toon	1 1/2	bl-br	st	++	—	Wet
101	24W	18N	1 1/2	br	st-cl	—	2.06 CURT SIZE	"
102	24W	20N	"	bl	sf	++	—	FROZ
103	24W	22N	2'	bl	"	"	"	"
104	"	24N	2'	Gr.	Sand + st	—	Rd Peb	"
105	"	26N	1 1/2	bl	st	++	—	"
106	"	28N	"	"	st + bog.	+++	—	"
107	"	30N	1'	Gr	sf, cl	+	—	Wet
108	"	32N	1'	"	"	"	Peb	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. ^{#15} _____

ATLAS EXPLORATIONS

PROJECT owlSAMPLER Z. WELLSDATE ^{**} 6/3/87

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/GPS., WETNESS, ETC.)
47124	32E	0+005	3'	Bl	org	+++	—	FROZ
125	"	25	1 1/2'	"	"	"	"	"
126	"	45	"	"	"	"	"	"
127	"	55	1'	Bl.	st + org	++	—	"
128	"	85	1'	Bl.-Br	"	++	—	"
129	"	105	1'	Br	st, ch	+	Rd. Pebs	WET
130	"	125	1'	Br	"	+	"	"
131	"	145	1'	Br	"	—	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #16

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R WELLDATE 45

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47132	32W	16+00N	—	—	—	—	—	SWAMP NO SAMPLE
133	32W	18N	1'	Br	st	—	ANG SILE FLGT	WET
134	"	20N	"	"	"	"	"	"
135	"	22N	"	"	"	"	subom "	DRY
136	"	24N	"	Gr	+cl.	+	"	WET
137	"	26N	"	"	"	"	"	"
138	"	28N	"	"	"	"	"	"
139	L1	30N	1 1/2'	Bl	st	+++	—	FROZ
140	"	32N	"	"	"	"	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 73

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER R. WELLSDATE #5

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47109	24W	2+00S	2' ⁺	Bl	SE-	+++	—	FROZ.
110	24W	4S	2'	Br	SE	+	—	"
111	"	6S	1'	Bl	"	++	—	WET
112	"	8S	2'	Bl	"	"	"	FROZ
113	"	10S	1½'	Br	"	+	—	"
114	"	12S	1½'	"	"	"	"	"
115	"	14S	1'	"	"	+	avg CURT	* WET
116	"	16S	1'	Bl	"	++	"	* "

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. *26

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER R. WELLSDATE 6/8/71

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47215	36W	0+00						NO SAM
" 216	36W	2+00S	1'	Br	st	+		FLOZ
" 217	"	45	1'	"	"		subred chert	"
" 218	"	65	1'	Br	"		"	"
" 219	"	85	1 1/2'	Br	st + org	+++		"
" 220	"	105	1 1/2'	Br	st + Ash	+		FROZ
" 221	"	125	1'	Br	st + org	++		"
" 222	"	145	1 1/2'	Br	"	++		"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #27

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER R. WELLSDATE 6/18/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS.; WETNESS, ETC.)
47223	36+00W	16+00S	1 1/2'	Br.	SE + org	++	SHLF "	FROZ
" 224	36W	18S						NO SAMPLE
" 225	"	20S	1'	Br	SE	+	—	FROZ
" 226	"	22S	1'	Br	"	—		IN VICINITY OF 0 EASTING EATING
" 227	"	24S	1'	Br	"	—		
" 228	"	26S	1'	Br	"	—		
" 229	"	28S	1'	Br	"	+		
" 230	"	30S	1'	Br.	"	+		

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #28

ATLAS EXPLORATIONS

PROJECT OWC SAMPLER R. WELLSDATE 6/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47231	36W	32700S	1'	Br	st	+		NEAR CHIMNEY WETNESS
" 232	36W	245	1'	Br	"	-		
" 233	"	36S	1'	Br	"	-		
" 234	"	38S	6"	Br	"	+		
" 235	"	40S	1'	Br.	SANDY	—	subrad pebs	DAMP
" 236	"	2400N	1'	br.	st	+	—	FROZ
" 237	"	4N	1'	"	"	—	Rd Pebs	"
" 238	"	6N	1'	"	"	"	—	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. # 29

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER R. WELLSDATE 6/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47239	36W	8+00N	1 1/2'	Br	st	+	—	FROZ
" 240	36W	10N	—	—	—	—	—	NO SAM.
" 241	"	12N	1'	Br	st	+	—	FROZ
" 242	"	14N	1'	Br	st	+	—	FROZ
" 243	40W	0+00	1'	Br	st	—	subrod picks	FROZ
" 244	40W	2+00S	1 1/2'	Br	st	—	"	"
" 245	40W	4+00S	"	"	"	+	"	"
" 246	40W	6+00S	1 1/2'	Br	st	+	—	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. # 30

ATLAS EXPLORATIONS

PROJECT OldSAMPLER R. WELLSDATE 6/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
A7247	47W	8+00S	1 1/2'	Br	Sand + st	+	Sub sand pebbles	FROZ
A7248	40W	10+00S	2'	Br + Gr.	st + c.l.	++	—	"
" 249	"	12S	1 1/2'	"	"	+	—	"
" 250	"	14S	"	"	"	—	—	"
" 251	"	16S	1'	"	"	—	Subang pebbles	"
" 252	"	18S	1'	Br-B	st	+++	—	WET
" 253	"	20S	1'	Br	st	+	—	FROZ
" 254	"	22S	"	"	Sand + st	—	ANG. CHRT "	WET.

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #31

ATLAS EXPLORATIONS

PROJECT OWL SAMPLER R. WELLS DATE 6/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47255	45W	24+00S	1'	Br	Sad + St	+	—	WET
" 256	40W	26S	$\frac{1}{2}$ '	"	St	+	CHAT	DAMP (A.R.D.V)
" 257	"	28S	1'	Br	St	—	"	"
" 258	"	30S	1'	Rd-Br	St	—	"	"
" 259	"	32S	1'	Br	St + Cl.	—	—	WET
" 260	"	34S	1'	br	St	—	—	DAMP
" 261	"	36S	"	br	"	—	—	"
" 262	"	38S	"	Rd-br	"	—	CHAT	"
" 263	"	40S	1'	Rd-br	St	—	CHAT.	DAMP

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #32

ATLAS EXPLORATIONS

PROJECT OWIL SAMPLER R. WELLSDATE 9/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
4726A	44W	0+00	1/2'	Br	st	—	—	FROZEN
" 265	44W	2+00N	1'	Br	snd + st	—	ANG. BT. S&E	WET
" 266	"	4N	1'	"	"	—	"	"
" 267A	"	6N	"	"	"	—	"	"
" 267B	"	8N	"	Br	"	—	CHRT + S&E	WET
" 268	"	10N	1'	"	"	—	"	"
" 269	"	12N	"	"	SE	+	—	"
" 270	"	14N	1'	Br	snd + SE	+	CHRT + S&E	WET

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #33

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 9/18/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47271	44W	2400G	1'	Br	st	+	—	WET
" 272	44W	4S	1'	Br	st	+	Subsand chert ⁱⁿ	"
" 273	"	6S	1 1/2'	+ RUSTY Br	snd + st	—	Rusty sand	"
" 274	"	8S	1'	Br	st	—	—	"
" 275A	"	10S	—	—	—	—	—	NO SAMPL
" 275B	"	12S	1'	Br	st	+	—	FROZ
" 276	"	19S	1 1/2'	Br	st	+	Subsand chert ⁱⁿ	FROZ
" 277	"	16S	1 1/2'	Br-BI	st	++	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. # 29

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 9/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47278	4AW	18+605	1 1/2'	Br-Bl.	st to org	+++	—	FROZ.
" 279	4AW	205	1'	"	st	++	ANG. CHRT.	WET.
" 280	"	225	1'	"	"	"	"	"
" 281	"	245	1'	"	st to org	++	"	"
" 282	"	265	1 1/2'	Bl	"	+++	"	"
" 283	"	285	1/2'	Br	st	—	"	DAMP (PYRR)
" 284	"	305	—	—	—	—	—	NO SAMPLE
" 285	"	325	1'	Br	st	+	ANG. CHRT. + LHSN	DAMP

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #35

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 9/18/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47286	44W	34+00S	1'	Br	st	—	CHRT	DAMP
47287	"	36S	1'	Br	st	—	ANG CHRT	DAMP
47288	"	38S	1'	Br	st	—	"	1"
47289	44W	40S	1 1/2'	Bl	st+org	++	—	"
47290	48W	0+00	—	—	—	—	—	NO SAMPLE
" 291	48W	2+00N	1'	Br	st	—	—	FROZ
" 292	48W	4+00N	1'	Br	"	+	—	"
" 293	48W	6+00N	1'	Br	st	—	Subrod chrt	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #36

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WEUSDATE 9/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47294	48W	8+00N	1 1/2'	Br.	st	+	—	wet
" 295	48W	10N	1'	Br-Gr.	st	—	Gr.-Bl Graph. shale	"
" 296	48W	12N	1'	"	"	—	—	"
" 297	48W	14N	1'	"	"	+	—	WET
47317	L-12E	2+00S	1'	Br	st	+	Subsand of shale	FROZ
" 318	L-12E	4S	1'	Br	"	+	"	"
" 319	"	6S	1 1/2'	Bl-Br	"	++	—	"
" 320	"	8S	1'	LIGHT & Br	st+cl.	—	Subsand chert & shale	WET

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #37

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 12/18/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47321	L-12E	10+00S	1 1/2'	Bl	st	++	—	FROZ
" 322	12E	12S	1'	LIGHT BR	st+cl	—	chrt +shk	WET
" 323	12E	14S	1'	"	"	"	"	"
" 324	"	16S	1 1/2'	Br-Bl	st	++	—	FROZ
" 325	"	18S	—	—	—	—	—	NO SAM.
" 326	"	20S	1 1/2'	Bl	st	+++	ANG CHRT	DAMP
" 327	"	22S	1'	Br-Bl	"	++	—	" CHRT OUTCROP?
" 328	"	24S	1'	Br-Bl	st	++	ANG. CHRT	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #38

ATLAS EXPLORATIONS

PROJECT OWC SAMPLER R. WELLSDATE 12/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47329	L.12E	26+00S	1'	Br-BI	st	++	DRY CHRT	DAMP
330	12E	28S	1'	Br-BI	st	++	"	DAMP
331	12E	30S	1'	Bl.	st	++	"	DAMP
47332	L.8E	30S	1'	Br-BI	st	++	"	" P.M.
333	L.8E	28+00S	"	"	"	"	"	" P.M.
334	8E	26+00S	"	"	"	"	"	"
335	8E	24+00S	1'	"	"	++	"	"
336	8E	22+00S	1'	LIGHT Br	st	-	"	" GOOD DAMP

SILT SAMPLES

MAP (PHOTO) NO. A12186-329PG. 41

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER A WellsDATE 11/8/70

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
47298	2'	M	st	+	--	-	Bl. 10W
" 299	1'	S	"	++	-	-	Bl. 13W
" 300	1'	S	"	+	-	-	ASH+st(Bl.) 23W
" 301	1'	S	sd + st	-	Rnd and Pebbs...		Bl. 33W
" 302	1'	S	sd + st	+	"		Bl. 38W
" 302	1'	S	sd + st	+	"		Bl. 47W
" 304	2'	M	"	+	A	CHRT (ANG)	Bl. outcrop (Bl.) 200
" 305	1'	M	"	+	A	Gr-Bl SHLE	Bl. (Gr-Bl SHLE) 200

SILT SAMPLES

MAP (PHOTO) NO. A12186-329PG. #2

ATLAS EXPLORATIONS

PROJECT OWCSAMPLER R. WELLSDATE 11/8/70

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
4730C	2'	v. slow	st	+	—	—	ck 300'
" 307	1 1/2'	S	sd+st	+	Gr. silt	300' red clay	ck 300'
" 308a	1'	M	"	—	sl. chert...	300'	ck 50'
" 308b	1'	S	"	+	"	—	ck 100'
" 309	DRY	—	st+sd	+	—	—	dry 100'
" 310	1'	M	st	++	—	—	ck 100'
" 311	3/4'	S	st+sd	++	—	—	ck
" 312	1/2'	S	"	"	"	"	ck 500'

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 39

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 12/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47337	L-8E	20+00S	1'	B1-Bv	st	++	---	FROZEN
47338	L-8E	18+00S	---	---	---	---	---	ASH. W. " "
339	"	16S	1 1/2'	B1 Br	st	++	B1 shale	WET
340	"	14S	1 1/2'	LIGHT Br	st+cl.	-	"	WET
341	"	12S	1 1/2'	LIGHT Br	st+cl.	-	B1 shale	WET
342	"	10S	---	---	---	---	---	NO SAMPL.
343	"	8S	1'	Br-Gr.	st+cl	-	subsand shale	WET
344	"	6S	1'	"	"	"	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #40

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WEUSDATE 12/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47345	8E	4+00S	1'	Gr	sd, st cl	+	Rnd Pebbs	WET
" 346	8E	2S	-	-	-	-	-	NO SAMPLE
" 347	"	0+00	1'	Gr	sd, st cl	+	Rnd Pebbs	WET
47348	L 8E	2+00N	1	Gr	"	+	Gr shly	WET
349	8E	4N	1	Gr	"	-	"	WET
350	"	6N	1 1/2'	Br+ "	st	++	"	FROZ
351	"	8N	1'	Gr	st+cl.	-	"	"
352	"	10N	1'	Gr	"	-	"	"

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. #41

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER R. WELLSDATE 13/8/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47353	L 8E	1200N	1'	Gr	st+cl	—	Bl shie.	FROZ
" 354	8E	14N	1'	Gr	st+cl	+	—	WET
" 355	"	16N	1'	LIGHT Br	st	—	Subsand FIBES	DAMP
" 356	"	18N	1'	"	st	—	"	FROZ
" 357	"	20N	1'	Gr	st+cl	—	"	FROZ
47358	L 40W	2400N	1'	Gr	st+cl	+	—	FROZ
" 359	40W	4N	1'	Gr	"	++	—	WET
" 360	40W	6N	1 1/2'	Gr	"	+++	—	FROZ

SOIL SAMPLES

MAP (PHOTO) NO. 1:1000

PG. _____

ATLAS EXPLORATIONS

PROJECT OWLSAMPLER P. DeanDATE August

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
47955	}		B 6"	grey/black		+		glacial alluvium?
47957			A/B	black		++		Frozen
47958			B	"		+		Frozen
47959			C	grey		0		wet
47960			C	grey		0		of wet
47961			C	tan		0		dry
47962			C	"		"		
47963			C	"		"		

OWL: Rock samples:

47950 - MULTIF. 30 AU

(limestone - *crissalis*, *perna*)

OWL - L 4E ~ 25 S

47951 } black carbonaceous

52 } shales from outcrops

53 } along creek between L24 W

& L28 W (dolomite, $CaCO_3$)