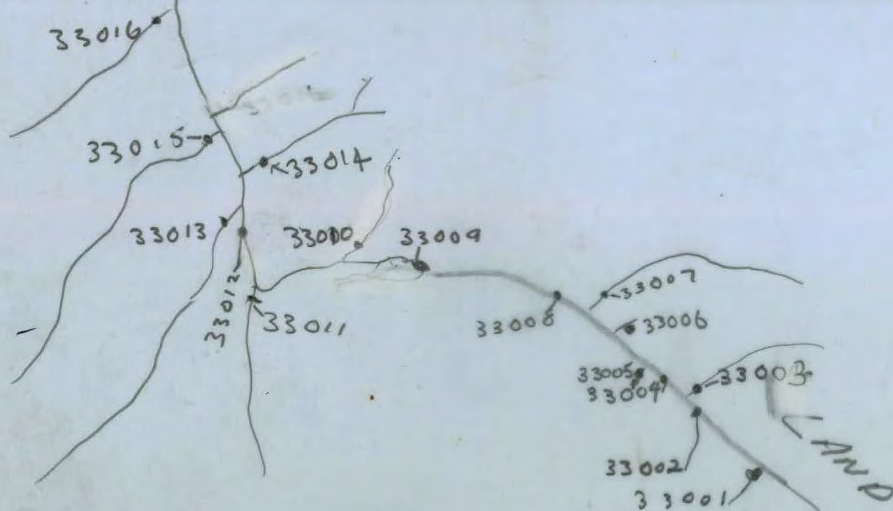


013086

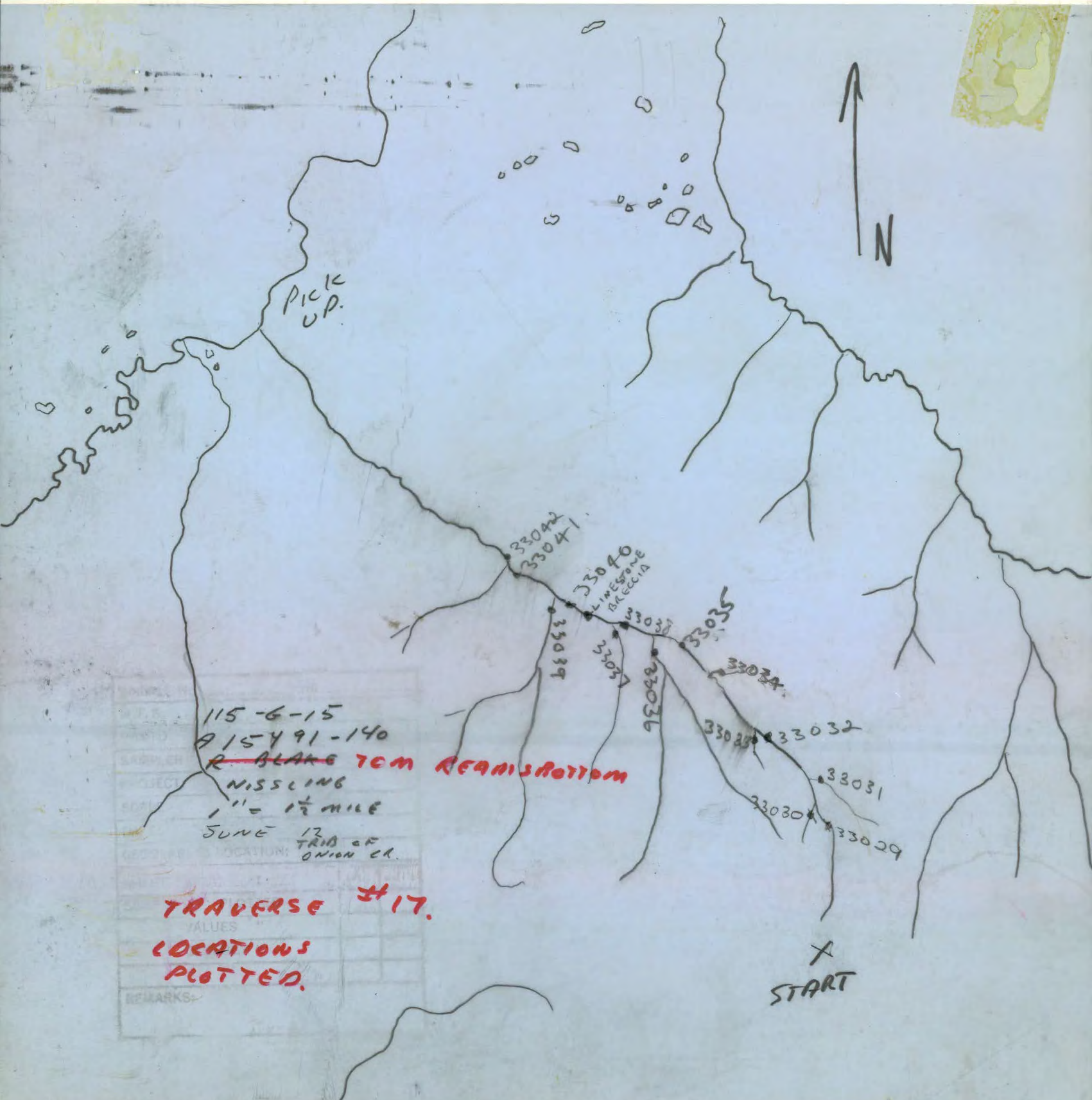
SAMPLE No.	33001	to	33016
N.T.S.	115 G-18		
PHOTO	A15491-29		
SAMPLER	T. Reamsbottom		
PROJECT:	Victor OEX Nisling		
SCALE	1" = 1 mi		
DATE:	3 June / 70		
GEOGRAPHIC LOCATION:	Olin Co.		
SHEET	1	of	1
SAMPLE LOG PLOT		DATE	INIT'L
VALUES "		3/6	✓
GEOLOGY "			
REMARKS:			

ONION Creek



T. R.
~~1110 2~~

SAMP No	PACES	NOTES
33001	00	SILT FRM MAIN CREEK BD ✓
33002	945	SILT FRM CRK BD FLOW FRM S.
33003	1000	SILT FROM CREEK BED FLOWING FROM N
33004	1750	SILT FROM MAIN CREEK BED ✓
33005	2010	SILT FROM CREEK BED FLOWING FROM S
33006	2487	SILT FROM CREEK BED FLOWING FROM N
33007	3244	SILT FROM CREEK BED FLOWING FROM N
33008	3600	SILT FROM MAIN CREEK BED ✓
33009	5350	SILT FROM MAIN CREEK DRY BED
33010	5760	SILT FROM STREAM BED FROM N
33011	6700	SILT FROM STREAM BED FROM S.
33012	7200	SILT FROM MAIN STREAM
33013	7300	SILT FROM STREAM BED FLOWING FROM E
33014	7650	SILT FROM STREAM BED FLOWING FROM W
33015	8000	SILT FROM STREAM BED FLOWING FROM W
33016	8900	SILT FROM STREAM BED FLOWING FROM W
33017		
33018		
33019		



SAMP NO

TIME

NOTES

33029	00	SILT FROM MAIN CREEK
33030	200	SILT FROM CREEK FLOWING FROM S
33031	630	SILT FROM CREEK FLOWING FROM E
33032	1730	SILT FROM MAIN CREEK
33033	1890	SILT FROM CREEK FLOWING FROM S
33034	2926	SILT FROM CREEK FLOWING FROM E
33035	3460	SILT FROM MAIN CREEK
33036	4010	SILT FROM CREEK FLOWING FROM S
33037	5593	SILT FROM CREEK FLOWING FROM S
33038	" " "	SILT FROM MAIN CREEK
33039	7393	SILT FROM CREEK FLOWING FROM S
33040	" " "	SILT FROM MAIN CREEK
33041	9293	SILT FROM MAIN CREEK
33042	9850	SILT FROM MAIN CREEK

T. REMAINS BOTTOM.

SILT SAMPLES

MAP (PHOTO) NO. A1549/43PG. 1

ATLAS EXPLORATIONS

PROJECT NISSELINESAMPLER T. REARSBOTTOMDATE 25 JUNE 70

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (CONTAINS, COLOR, SEEPAGES, ETC.)
33162	2'	M	ST	0	-	-	
33163	1	M	ST	0	-	-	
33164	8	M	ST	0	-	-	
33165	2	M	ST	+	-	-	
33166	4	F	ST	0	-	-	
33167	6	M	ST	0			
33168	2'	M	ST	+			
33169	3'	M	ST	0			
33170	2	S	ST	+			

SILT SAMPLES

MAP (PHOTO) NO. D1549/143PG. 2

ATLAS EXPLORATIONS

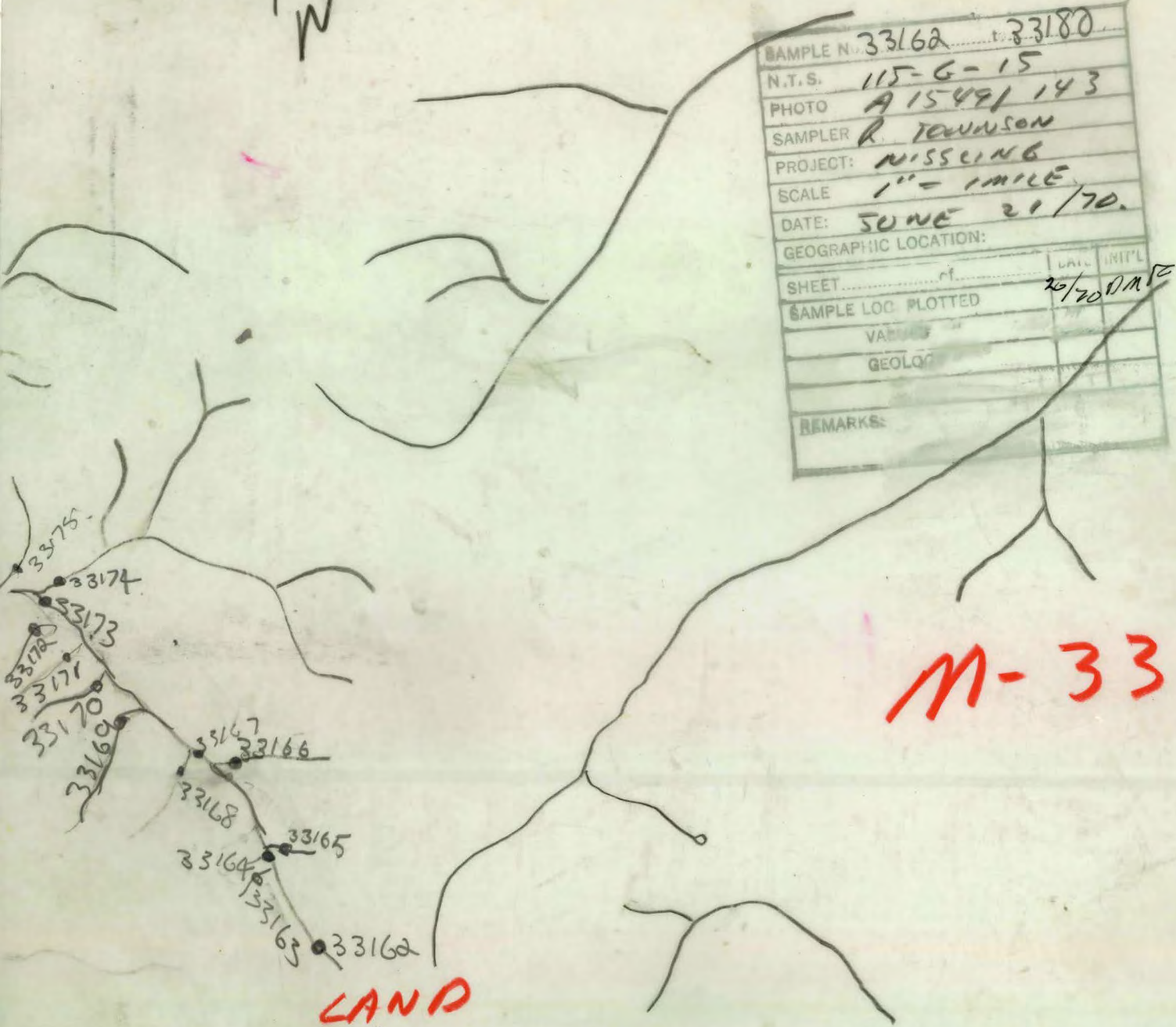
PROJECT NISLINGSAMPLER TransectDATE 25

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
33171	1'	M	ST	+	-	-	
33172	2'	M	ST	+	-	-	
33173	10'	M	ST	0	-	-	
33174	8'	F	ST	0	-	-	
33175	2'	M	ST	+	-	-	
33176	6'	F	ST	0	-	-	
33177	15'	F	ST	0	-	-	
33178	30'	F	ST	0	-	-	
33179	4'	F	ST	+	-	-	

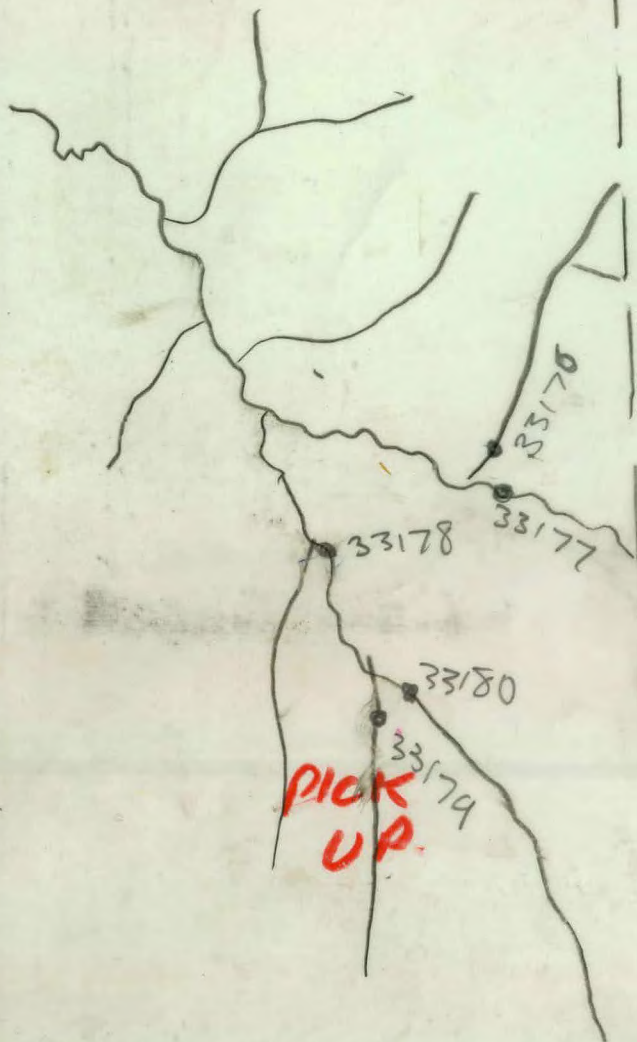
N
W

SAMPLE NO.	33162	33180
N.T.S.	115-G-15	
PHOTO	A 15491 143	
SAMPLER	R. TOWNSON	
PROJECT:	MISSISSIPPI	
SCALE	1" = 1 MILE	
DATE:	JUNE 21/70.	
GEOGRAPHIC LOCATION:		
SHEET	of	LAIL INT'L
SAMPLE LOC. PLOTTED		
VALUES		
GEOLOG		
REMARKS:		

20/70 DMF



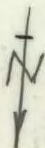
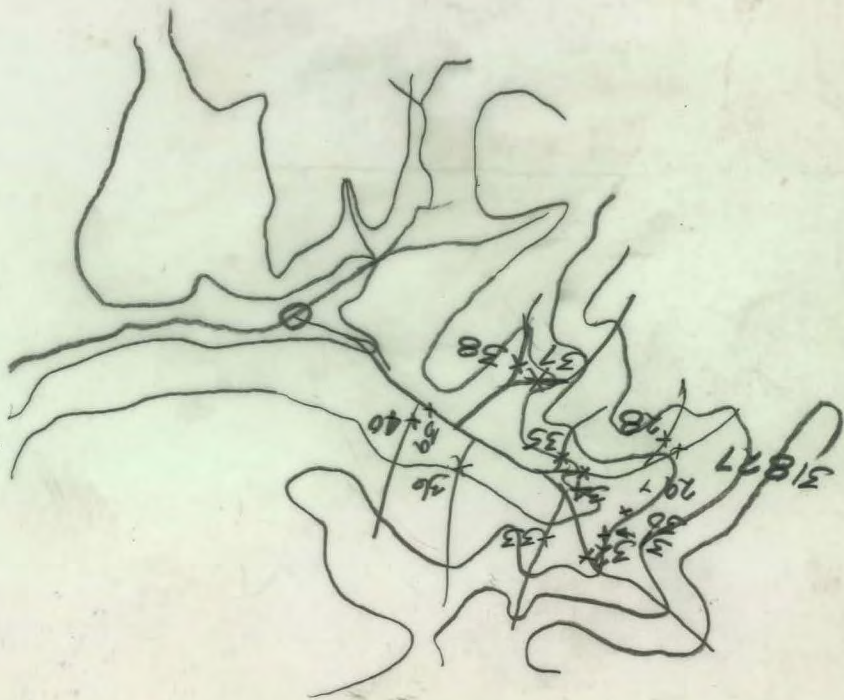
SAMPLE No 33162 to 33180	
N.T.S. 115-6-15	
PHOTO A15491-142	
SAMPLER R. TOWNSON	
PROJECT: NISSLING	
SCALE 1" = 1 MILE	
DATE: JUNE 21 1970	
GEOGRAPHIC LOCATION: -	
SHEET	DATE INITL
SAMPLE LOC PLOTTED	26/70 DMF.
VALUES	
GEOLOGY	
REMARKS:	



m-33

SAMPLE No: to		
N.T.S.		
PHOTO		
SAMPLER		
PROJECT:		
SCALE		
DATE:		
GEOGRAPHIC LOCATION:		
SHEET of	DATE	INIT'L
SAMPLE LOC PLOTTED		
VALUES "		
GEOLOGY "		
REMARKS:		

SAMPLE No. 318270 840		
N.T.S.		
PHOTO 115-G-15		
SAMPLER R. TOWNSON		
PROJECT: MAX GROUP		
SCALE 1" = 1 MI		
DATE: July 18/70		
GEOGRAPHIC LOCATION: MAX		
SHEET of	DATE	INIT'L
SAMPLE LOC PLOTTED		
VALUES "		
GEOLOGY "		
REMARKS:		



SILT SAMPLES

MAP (PHOTO) NO. 115-G-15PG. 1

ATLAS EXPLORATIONS

PROJECT Max GroupSAMPLER R. TownsonDATE July 18/70

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
31827	3'	M	st	-	feld por	"	-
28	2'	M	st	-	gtz + feld por	same	-
29	-	S	st	-	-	-	seepage
30	-	S	st	-	-	-	"
31	-	S	st	-	-	-	"
32	3'	F	st	+	feld por	-	-
33	2'	M	st	+	-	-	-
34	5'	M	st	-	gtz + feld por	-	-
35	1'	M	st	-	gtz + feld por	-	-

Max Group

streams
with > 100 ppm Cu
above
confluence



SILT SAMPLES

MAP (PHOTO) NO. 115 G 15PG. 48

ATLAS EXPLORATIONS

PROJECT Victor Dex SAMPLER GLASSDATE 13/7/70

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
335 25	0.5	M	sd	0			
26	0.5	M	sd	0			
27	1	M	sd	0			
28	3	M	sd	0			14/2/70
29	1	M	sd	0			
550	4	M	sd	0			
51	1	M	sd	0			
52	6	M	sd	0			

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. 14

ATLAS EXPLORATIONS

PROJECT Victor Oak SAMPLER GLASSDATE 13/7/70

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
33530			I	64 gr	Coarse	20%	✓	
31			"	"	"	"	"	
32			"	"	"	"	"	
33			"	"	"	30%	"	
34			"	67 gr	Coarse	20%	✓	
35			I	"	Fine	10%	✓	
36			I	"	"	"	✓	
37			I	"	Coarse	"	"	

SOIL SAMPLES

MAP (PHOTO) NO. _____

PG. _____

ATLAS EXPLORATIONS

PROJECT Victor Day SAMPLER CL 455DATE 13/2/76

SAMPLE NO.	LINE	STATION	DEPTH HORIZON	COLOR	TEXTURE	ORGANIC MATTER	FLOAT	NOTES (O/CPS., WETNESS, ETC.)
33538			1	Br ^{gy}	Coarse	100%	✓	
39			1	Br	Fine	30%	✓	
40			1	"	Coarse	100%	✓	
41			2	"	"	"	✓	
42			0.2	Br	Fine	40%	✓	
43			0.6	"	"	20%	✓	
44			0.6	"	"	20%	✓	
45			0.6	"	"	"	"	

SAMPLE NO. T 23525-27 to S33530-49

N.T.S.

PHOTO

SAMPLER GLASS

PROJECT: Victor Oex

SCALE: 1 in = 1 mi

DATE: 13/7/70

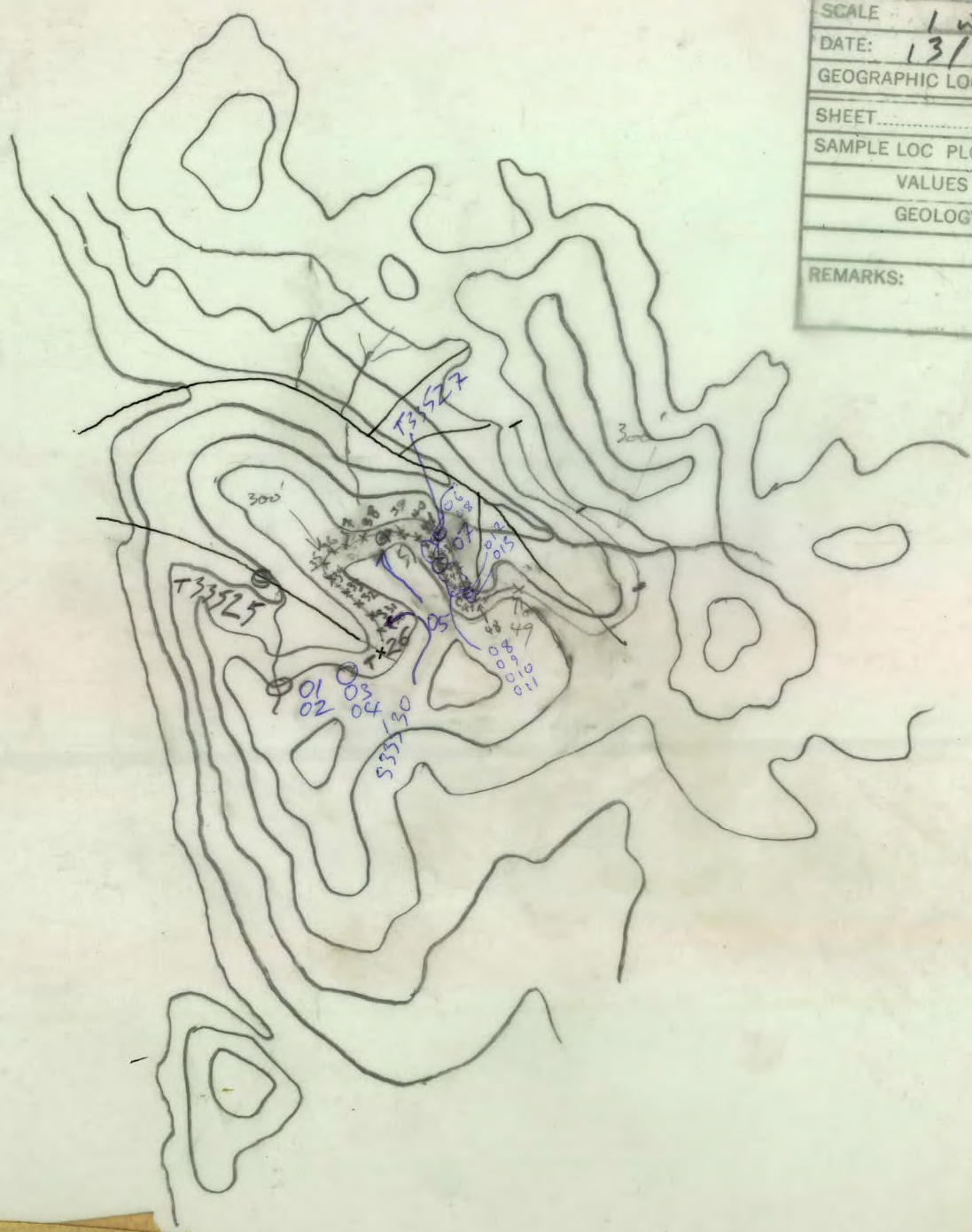
GEOGRAPHIC LOCATION:

SHEET..... of DATE INIT'L

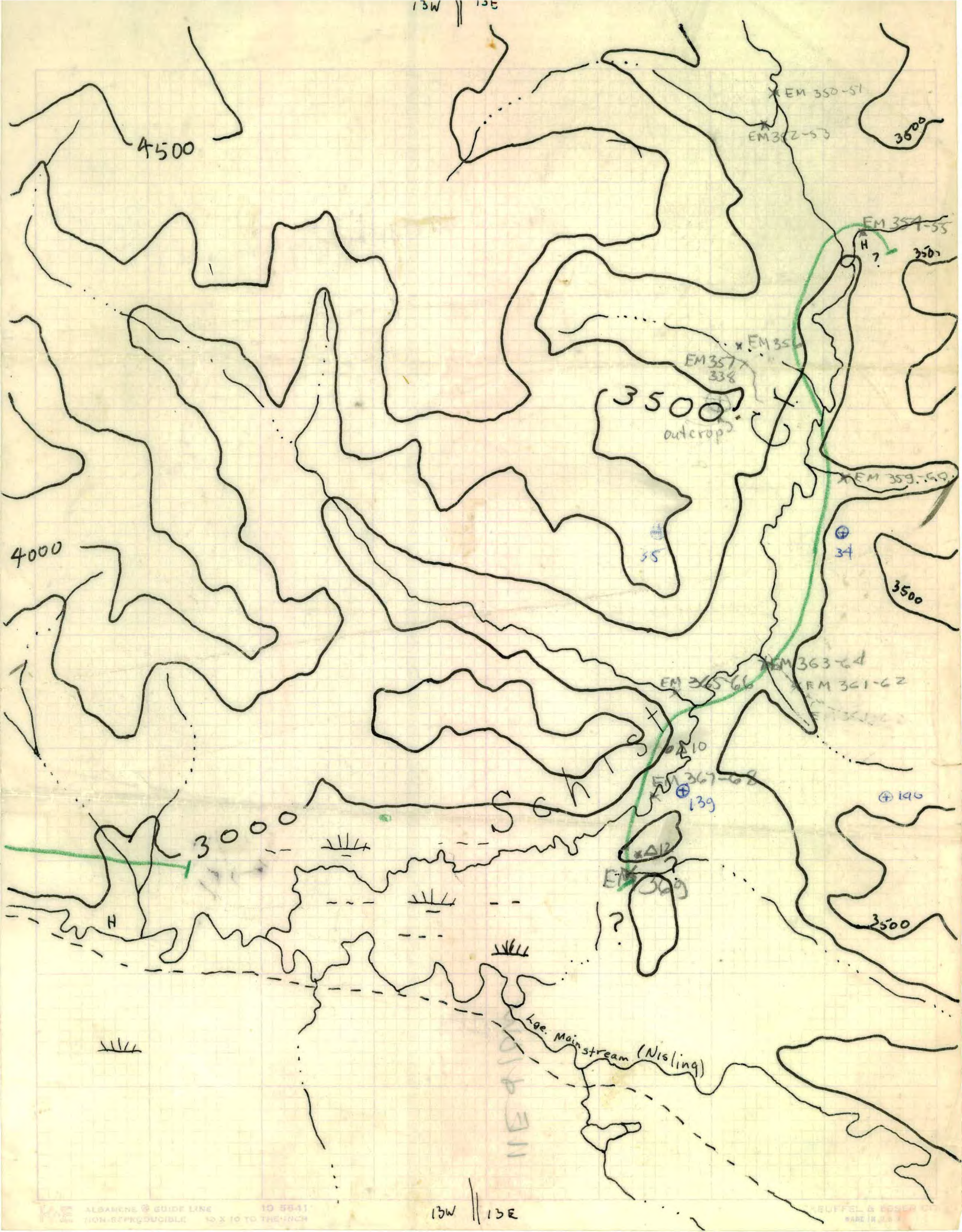
SAMPLE LOC PLOTTED SILTS
VALUES " PLOTS

VALUES " GEOLOGY "

REMARKS:



#56



13W || 13E

3rd June '70

Alfred Mudala.

<u>PACES</u>	<u>SAMPLE #</u>	<u>NOTES</u>
0	27020	Silt from Main creek.
300	27021	" " " "
	27022	" " Tributary from East.
813	27023	" " " " N.W.
	27024	" " Main creek.
1300	27025	" " " "
	27026	" " Trib. from East. (Dry Creek)
1536	27027	" " " " N.W.
	27028	" " Main creek.
2500	27029	" " " "
	27030	" " Trib. from East.
3330	27031	" " Main creek.
	27032	" " Trib. from N.W.
4300	27033	" " " " East
	27034	" " Main creek.
4880	27035	" " " "
	27036	" " Trib. from E.
6060	27037	" " " " N.W.
	27038	" " Main creek.
6300	27039	" " Trib. from East.
6580	27040	" " " " " "
7300	27041	" " " " " "
	27042	" " Main creek.
7438	27043	" " Trib. from N.W.
8050	27044	" " " " " "
	27045	" " Main creek.
9600	27046	" " " " " "
11200	27047	" " " " " "
	27048	" " Trib. from East.
11700	27049	" " " " N.E.
	27050	" " Main creek.
12150	27051	" " " " " "
	27052	" " Trib. from N.E.
14000	27053	" " Main creek.

↑
?

QTZ-EYED - FELDS
PORPHYRY

2600 FT +

OC # 2
C: Gr Biotite
GRANODIORITE
26002 S

OC # 3
26003 S

OC # 4
OC # 5

HALITE DYKE
CUTTING
GRANODIORITE

CUT BY
NUMEROUS
DYKES +
FEW
INTERMED
DYKES

GRANODIORITE
FELDS
PORPHYRY
DYKES

DYKES
MICACEOUS
LAMINATED
QUARTZ

26004 S

FELDS
PORPHYRY
&
FELSICITE

FELDS
PORPHYRY
OF 69

ROST SPOTTED
FELSICITE
DYKES
CONTAINING
H

RHYOLITE

CREEK

MAX
CLAIMS

SAMPLE No.	
N.T.S.	1156/15-16
PHOTO	A15/491-26
SAMPLER	D FRANCIS
PROJECT:	
SCALE	1" = 1 MILE
DATE:	JUNE 3/70
GEOGRAPHIC LOCATION	RHYOLITE CR
SHEET	316
SAMPLE LOC. PLOTTED	
VALUES	
GEOLOGY	
REMARKS:	

Traverse #10

1159-15

A. Mudala.

loc. pl. 1/6 GP.

Δ 6154
LAND



RHYOLITE
CREEK

JUNE 3/70.

1156-15.

A15491-27

R. TOWNSON

JUNE 3/70

TYPE	PACES	SAMPLE	COMMENTS
T	0	31001	seepage Pt S
T	100	" 2	S fork
T	"	" 3	N fork
T	120	" 4	stream from S
T	864	5	dry stream → S
"	"	6	main
"	1710	7	streams → S (dry)
"	"	8	main
"	2040	9	str seepage → S
"	2242	10	seepage → S
"	2615	11	small (1') stream → S
"	3115	12	1' stream → N
"	3744	13	spring → S (dry)
"	3864	14	str bed → S "
"	"	15	main
"	4682	16	small dry str → S
"	4776	17	" " " "
"	4919	18	" " " → N
"	5213	19	" " " → S

TYPE	PACES	SAMPLE	COMMENTS
T	5859	31020	(rust STAIN) small (1') str → N
"	7015	" 21	small str → N
"	"	" 22	main
"	8906	" 23	seepage from N
"	9785	" 24	3' dry creek from S
"	10,760	" 25	main
"	10,818	" 26	small stream → N
"	11,191	" 27	" " → S
"	11,427	" 28	" " → S
"	12,323	" 29	seepage → S
"	12,421	" 30	small stream → S
"	12,568	" 31	" " → S
"	-	" 32	tub from N
"		" 33	" " "

Traverse # 11

SAMPLES- 31001 - 310031

N.T.S. 115 G-15

PHOTO

SAMPLER R. Townson

PROJECT Nisling

SCALE 1" = 1 mi

DATE:- JUNE 3/70

GEOGRAPHIC LOCATION Trib → NW Union Cr.

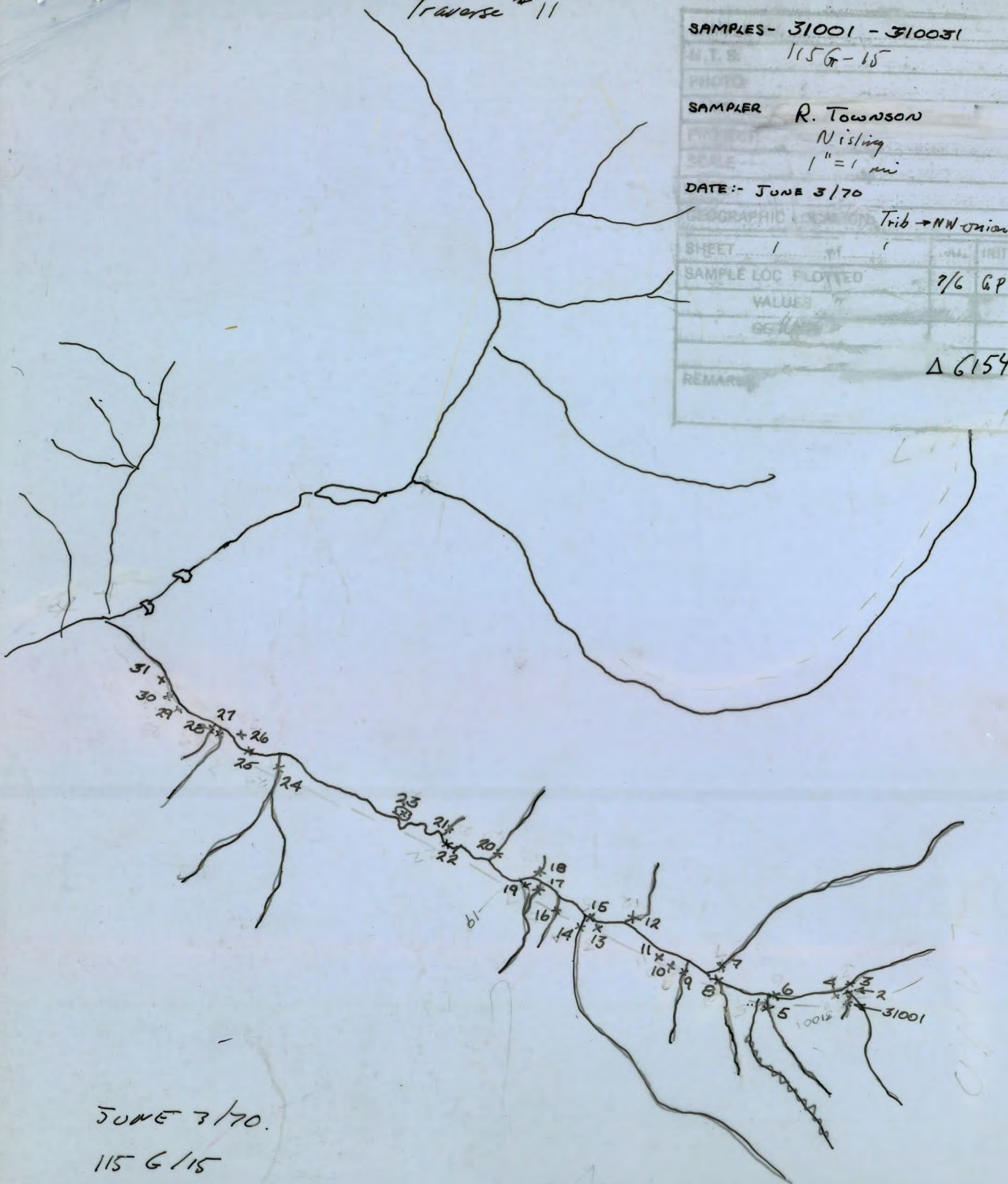
SHEET 1 of 1

SAMPLE LOC PLOTTED 7/6 G.P.

VALUES

VALUES

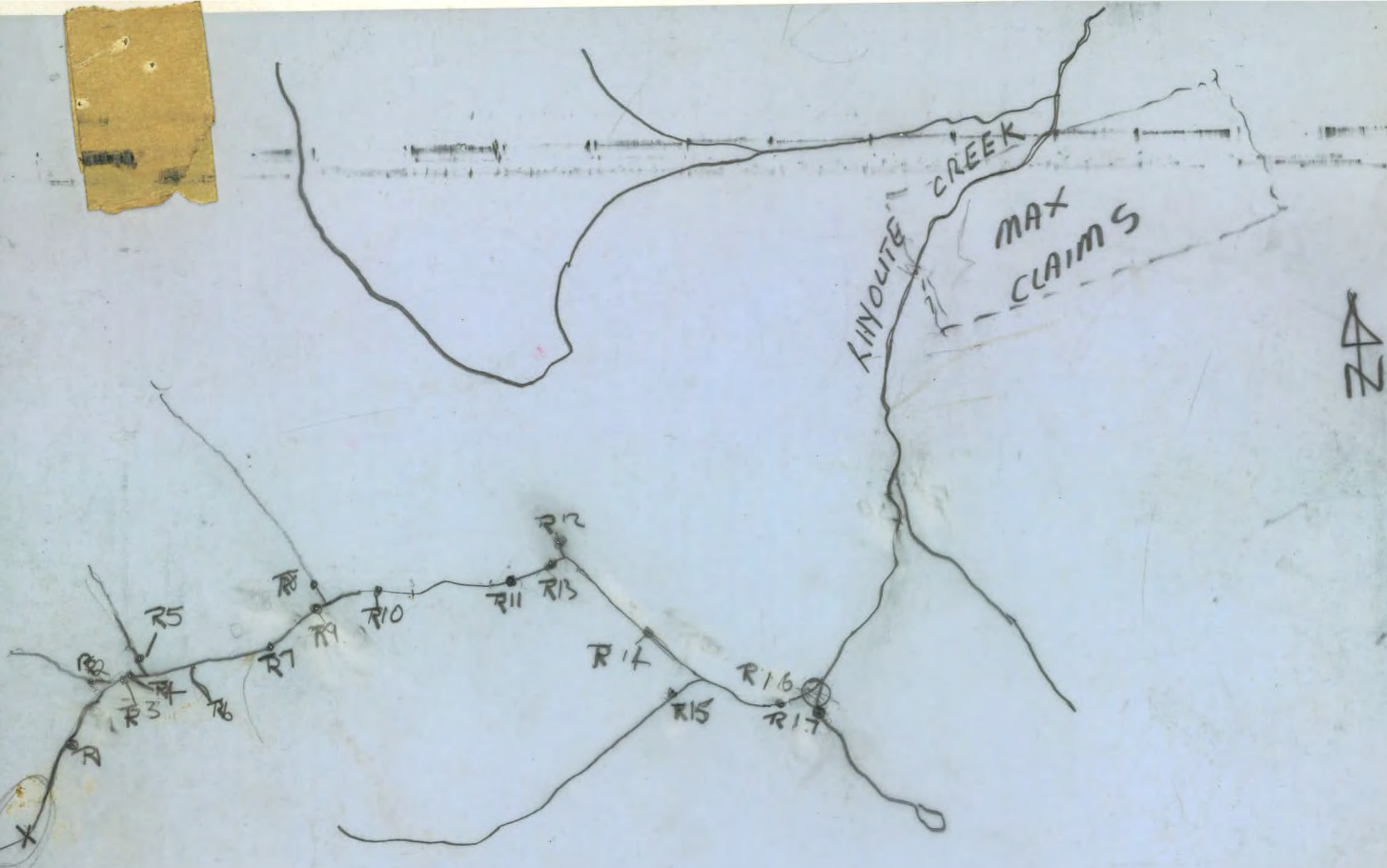
REMARKS Δ 6154



JUNE 3/70.

115 G/15

A15491-28



Head Rhyolite Creek.

115 G - 15

T. Reamsbottom

May 31, 70

A 15491 - 80

SAMP NO.	PAGES	NOTES
R. 1	00	SILT FRM CREEK BED
R 2	470	CREEK FRM N.W. SILT FRM CREEK BED.
R. 3	900	CREEK FRM S.E. SILT FRM CREEK BED
R 4	1700	SILT FRM MAIN CREEK.
R 5	2500	SILT FRM CREEK BED FRM N.W.
R 6	2910	CREEK FRM S.E. SILT FRM CREEK BED
R 7	3400	SILT FRM MAIN CREEK
R 8	4208	CREEK FRM N.W. SILT FRM CREEK BED.
R 9	5300	SILT FRM MAIN CREEK BED
R 10	5700	CREEK FRM N.W. SILT FRM CREEK BED
R 11	7000	SILT FRM MAIN CREEK BED.
R 12	8100	CREEK FRM N.W. SILT FROM CREEK BED.
R 13	8100	SILT FRM MAIN CREEK.
	8700	CREEK DRIED UP.
R 14	9800	SILT FRM MAIN CREEK
R 15	10100	CREEK FRM S. SILT FRM CREEK BED.
R 16	11100	SILT FRM MAIN CREEK.
R 17	11100	SILT FRM CREEK. FRM S

LOCATIONS PLOTTED
R. TOWNSON
JUNE 2/70.

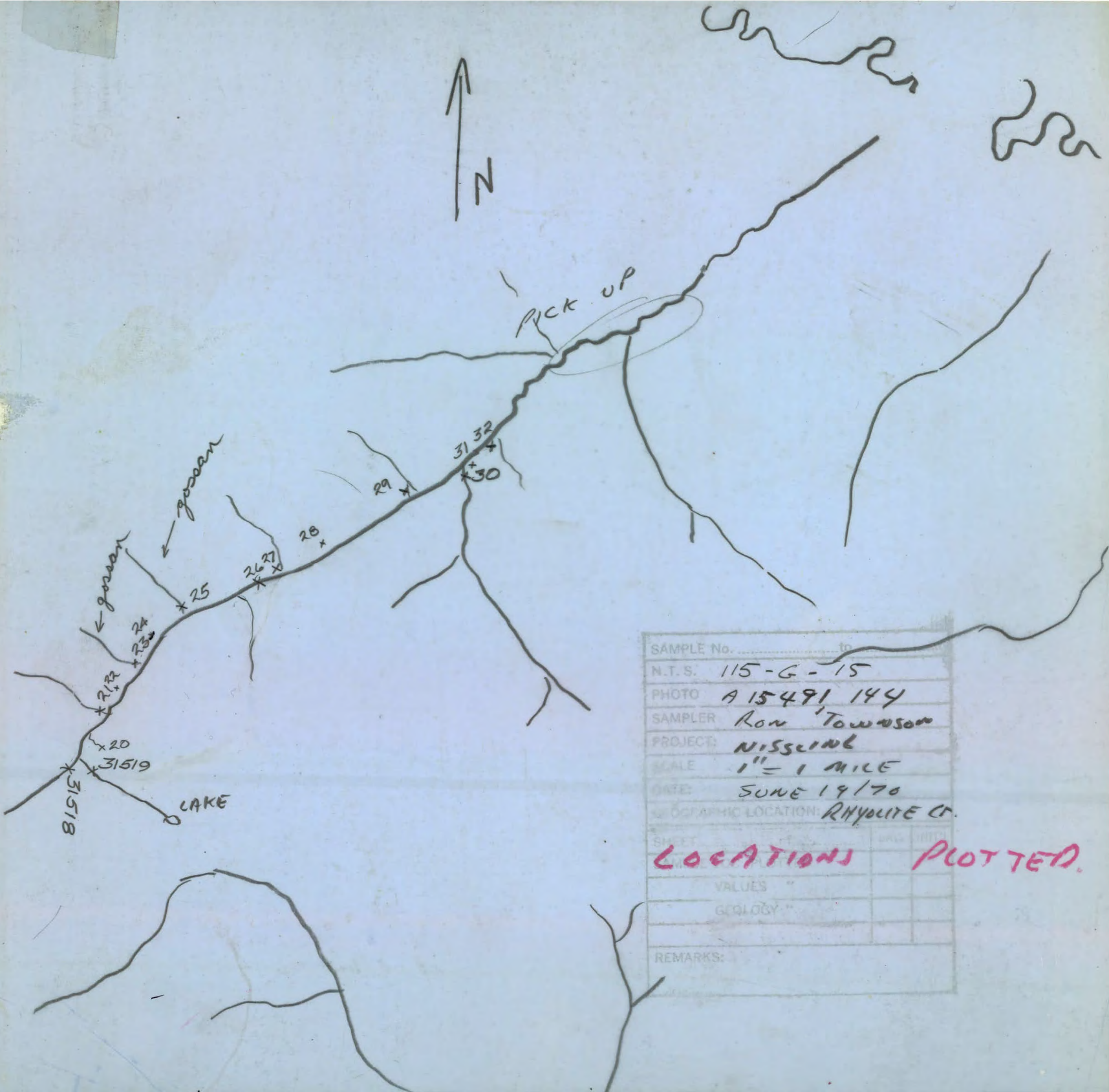
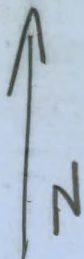
SILT SAMPLES

MAP (PHOTO) NO. A15491-144PG. 1

ATLAS EXPLORATIONS

PROJECT MISSISSIPPI SAMPLER R. TOWNSON DATE June 19/70

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
31518	6'	M	sl	-	-	-	-
19	3'	M	sl	++	-	-	-
20	1'	M	sl	-	-	-	seepage → S
21 (1215)	4'	M	WATER	-	granite	-	gravel - no silt
22	-	S	sl	-	-	-	seepage → N
23	2'	M	sl	-	-	-	-
24	-	S	sl	-	-	-	seepage
25 (4019)	4'	M	sl	-	gr	-	-
26	20'	F	sl	-	gr	-	slight aust



SAMPLE No.	to	
N.T.S.	115-G-15	
PHOTO	A 15491 144	
SAMPLER	Ron 'Townson	
PROJECT	NISSINE	
SCALE	1" = 1 MILE	
DATE	JUNE 19/70	
GEOGRAPHIC LOCATION	RHYOLITE CT.	
SHEET	DATE	TIME
LOCATIONS PLOTTED.		
VALUES		
GEOLOGY		
REMARKS:		

SILT SAMPLES

MAP (PHOTO) NO. 1159 15E16PG. 2

ATLAS EXPLORATIONS

PROJECT NISLINGSAMPLER ILCO BottomDATE 19 June 70

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
33088	4'	F	ST	+			
33089	2'	F	ST	+			
33090	12'	M	ST	+			
33091	1'	M	ST	+			
33092	SEEPAGE	S	W				
33093	10'	M	ST	+			
33094	6'	F	ST	0			
33095	4'	F	ST	0			
33096 33097	15' 30'	F F	ST BT	0 0			

SILT SAMPLES

MAP (PHOTO) NO. 1154 15E16PG. 1

ATLAS EXPLORATIONS

PROJECT NISHINGSAMPLER T. LeamsDATE JUNE 70

SAMPLE NO.	STREAM WIDTH	FLOW	SAMPLE TEXTURE	ORGANIC MATTER	FLOAT	OUTCROP	NOTES (STAINS, COLOR, SEEPAGES, ETC.)
33079	3'	F	ST	+			MANY SEEPAGES
33080	1'	M	ST	+			
33081	2'	M	ST	+			
33082	15'	M	ST	O			
33083	1'	M	ST	+			
33084	SEEPAGE	M	ST	+			
33085	SEEPAGE	S	W	++			
33086	30'	F	ST	+			
33087	2'	M	ST	+			



LAKE

33081

33082

33079

33080

33081

33083

33084

33085

33087

33088

33089

33091

33092

33093

33094

33095

33096

33097

CR.

RHYOLITE

LOCATION:
PLOTTER

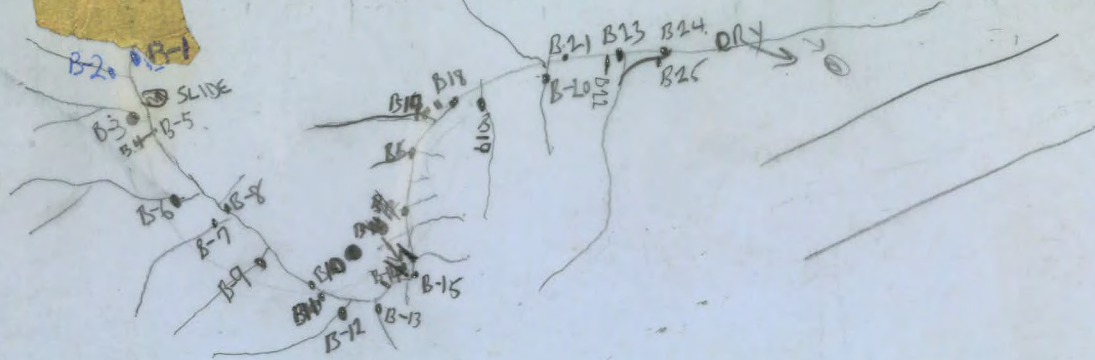
15 + G - 15 + 16

TOM REAMS -
NISSLING BOTTOM

1" = 1 MILE

JUNE 1970
RHYOLITE CR.

MAT



Add 31 onto sample no's. 1" = 1 mi

115G 15 - Head Rhyolite Creek.

May 30th, R. Blake - Samples - 32 - 56

A15491-80

Sample B-32-56

May 30th
R. Blake

Photo 15491-80

PACES	SAMPLE No.	NOTES
00	B-32	SILT FROM MAIN CREEK
00	B-33	SILT FROM CREEK CREEK FLOWING FROM WEST
500	B-34	SILT " " " " "
900	B-35	SILT FROM SEEPAGE COMING FROM WEST
900	B-36	SILT FROM MAIN CREEK.
1300	B-37	SILT FROM CREEK FLOWING FROM WEST
1700	B-38	" " " " " "
1700	B-39	SILT FROM MAIN CREEK
1800		LARGE OUTCROP - RED STAIN
2300	B-40	SILT FROM CREEK FLOWING FROM WEST,
3100	B-41	SILT FROM MAIN CREEK
3100	B-42	SILT FROM CREEK FLOWING FROM WEST
3250	B-43	SILT FROM " " " SOUTH-WEST
3900	B-44	" " " " " SOUTH
4200	B-45	" " " " " NORTH
4500	B-46	SILT FROM MAIN CREEK.
5200	B-47	SILT FROM CREEK FLOWING FROM NORTH
6100	B-48	SILT " " " " "
6800	B-49	SILT FROM MAIN CREEK
7000	B-50	" " CREEK FLOWING FROM SOUTH
8100	B-51	" " " " " "
8400	B-52	SILT FROM MAIN CREEK
9200	B-53	SILT FROM CREEK FLOWING FROM SOUTH (SPRING)
10000	B-54	SILT FROM MAIN CREEK.
11200	B-55	" " " " "
11400 11500	B-56	" " CREEK FLOWING FROM SOUTH

LOCATIONS PLOTTED
JUNE 2 1970
R. TOWNSON.

