

Park.

#2.

9

TRANSIT.

F.B. 613

613 use

120. A (Pickyard)

160. C (Sotzger)

5	11½	25	58½	45	105
6	14	26	60½	46	107½
7	16½	27	63	47	109½
8	18½	28	65½	48	112
9	21	29	67½	49	114½
10	23½	30	70	50	116½
11	25½	31	72½	51	119
12	28	32	74½	52	121½
13	30½	33	77	53	123½
14	32½	34	79½	54	126
15	35	35	81½	55	128½
16	37½	36	84	56	130½
17	40	37	86½	57	133
18	42	38	88½	58	135½
19	44½	39	91	59	137½
20	46½	40	93½	60	140

MICRO

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Table for Running on Slopes.

In the following table the first column shows the angle, the second, the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

Angle.	Cor. in links	Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links
°		°		°		°	
4	0-24	11	1-88	18	5-14	25	10-54
5	0-38	12	2-24	19	5-76	26	11-26
6	0-55	13	2-63	20	6-42	27	12-24
7	0-76	14	3-06	21	7-11	28	13-37
8	0-98	15	3-53	22	7-85	29	14-34
9	1-24	16	4-02	23	8-64	30	15-47
10	1-55	17	4-56	24	9-47	35	22-07

Dep 6, 27,

Park Summit

J. M. Denny

Book 5

Sta	B.S.	H.I.	I.S.	Ele.	B.M.
				70,18	
A	4,88	7506			
a 4			4,36	7070	
a 1			1,55	73,51	
A	10,72	8423			
a 2			0,80	83,43	
A	8,08	91,51			
a 3			0,42	91,09	
A	8,65	99,74			
a 4			1,31	98,43	
A	11,40	109,83			
			2,71	107,12	

REMARKS

Commenced at Telegraph pole on right bank in Switzer Canon about 200 ft north of north line of Cow Yard, and about 200 ft from South line of Park. - B.M. on E side of Telegraph pole Elevation 70,18
Thence as follows!!!

To stake #189 on ^B line of park

Sta	B.S.	H.I.	I.S.	Elev	B.M.
				73.61	
A	3.77	77.28	4.09	73.19	
B	6.55	79.74	0.61	79.13	
C	8.31	87.44	2.34	85.10	85.10
D	10.89	95.99			
E 1			0.44	95.55	
F	7.38	102.93			
G 2			1.56	101.37	
H	9.35	110.72			
I 3			0.69	110.03	
J	8.38	118.47			
K 4			0.35	118.06	
L	11.90	129.96			
M 5			0.28	129.68	
N	11.90	141.58			
O 6			0.05	141.53	
P	9.11	150.64			
Q 7			0.68	149.96	

- F E M A P P H ' S -

Commence at A 1
Elevation 73.61 and run
thence as follows,

to "C. 9" on left bank of Canon

Sta	BS	HI	FS	Elev	BM
Δ	11,91	161,87	1,16	160,71	
Δ	9,36	170,07			
68			6,10	163,97	
π	10,94	174,91			
			1,19	173,72	
π	11,25	184,92	0,05	184,92	
π	11,02	195,94			
69			8,18	187,76	
			6,40	195,34	

— REMARKS —

To top of canon at station 69 + 34

Sta	BS	HI	FS	Ele	BM
				100,34	100,34
				100,20	
C 27	3,99	104,19			
d 1			7,08	97,11	
	12,32	109,43	0,84	108,59	
	11,40	119,99			
d 2			10,90 0,06	119,93	
	11,82	131,75	1,04	130,71	
	9,52	140,23			
d 3			0,24	139,99	
	10,42	150,41	1,61	148,80	
	8,75	157,55			
d 4			2,02	155,53	
	10,89	166,42	0,02	166,40	
	8,69	175,09	0,00		
	8,60	183,69			
d 5			2,22	181,47	
	10,32	191,79	0,61	191,18	
	12,32	203,50	0,05	203,45	
	11,25				
d 6			0,01		

- HEMPHRY'S -

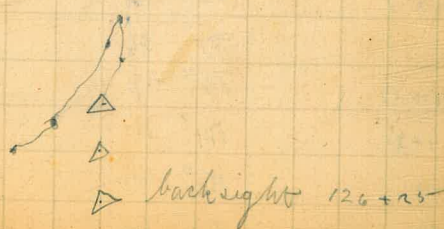
Road north of C, 27,
 Commence at C 27, & run as
 follows on Canon d.

Hubon (Transit)

120 contour in canyon A. 7 branches

5

142		91° 18'
141		95° 01'
140		95° 36'
139		107° 24'
138	73° 22'	
137	72° 27'	
136	62° 52'	
135	62° 07'	
134 + 85	62° 33'	
134		4° 28'
133 + 40		39° 15'
133		37° 18'
132 + 43	123° 07'	
132	111° 12'	
131		3° 10'
130 + 62		14° 33'
130		18° 33'
129 + 73		19° 37'
129		24° 31'
128		

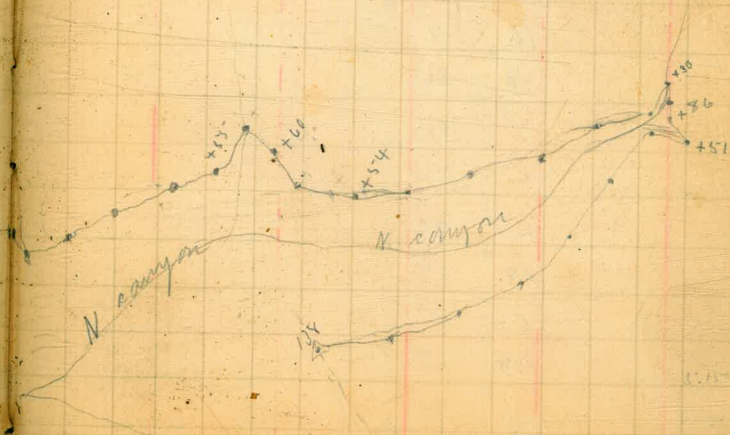


120 contour in canyon A & B miles

6

Sta. Left Right

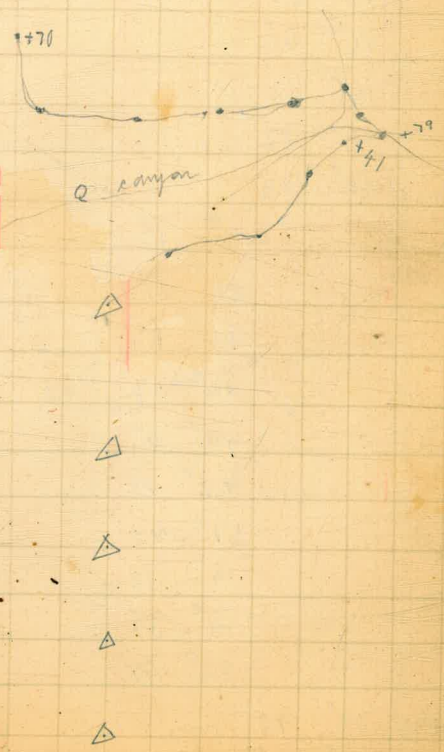
157	30° 21'	
156	57° 20'	
155	46° 35'	
154	32° 46'	
153	11° 16'	
152+33	00° 07'	
152	9° 25'	
151+60	14° 33'	
151	27° 53'	
150+54	41° 37'	
150	55° 18'	
149	71° 14'	
148	79° 15'	
147	82° 14'	
146	85° 49'	
145+30	85° 38'	
145	87° 31'	
144+86	88° 30'	
144+31	91° 31'	
144	91° 00'	
143	92° 14'	



120 contours in canyon A. branches

Sta Left Right

173		12° 30'
172		43° 26'
171		56° 22'
170+27		58° 38'
170		63° 08'
169+79		66° 27'
169+41		65° 25'
169		65° 10'
168		70° 09'
167		64° 53'
166+29		13° 49'
166		11° 30'
165		18° 34'
164		3° 10'
163		1° 00'
162		27° 40'
161		19° 58'
160		55° 37'
159		44° 23'
158+67		19° 40'
158		8° 58'



Sta.	Left	Right
------	------	-------

190+50		17° 23'
--------	--	---------

190		13° 27'
-----	--	---------

189+27	15° 34'	
--------	---------	--

189	15° 47'	
-----	---------	--

188	15° 27'	
-----	---------	--

187	15° 42'	
-----	---------	--

186	14° 03'	
-----	---------	--

185	10° 22'	
-----	---------	--

184+56	11° 03'	
--------	---------	--

184		2° 17'
-----	--	--------

183		26° 31'
-----	--	---------

182		36° 37'
-----	--	---------

181		44° 56'
-----	--	---------

180		44° 48'
-----	--	---------

179		44° 48'
-----	--	---------

178		57° 40'
-----	--	---------

177		14° 16'
-----	--	---------

176		19° 33'
-----	--	---------

175		36° 48'
-----	--	---------

174+70	18° 49'	
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174	18° 07'	
-----	---------	--

△ Entrance to T branch



5-03

+22

+56



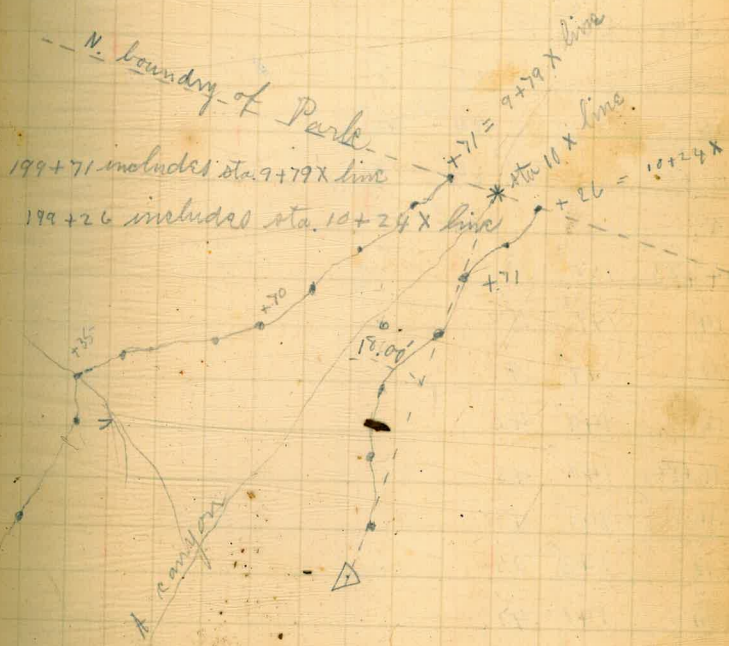
5,

15
29
22
22
45
45
7

120

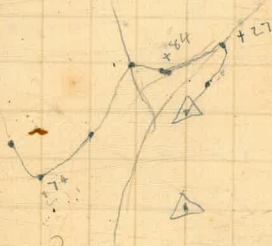
Stn Left Right

204	41° 30'	
203	19° 20'	
202+80	14° 48'	
202	7° 31'	
201		1° 38'
200		12° 26'
199+71		15° 27'
199+26		20° 56'
199		20° 20'
198+71		18° 05'
198		18° 35'
197		14° 15'
196		15° 40'
195		17° 56'
194+41	26° 20'	
194	28° 00'	
193	23° 26'	
192+60	16° 18'	
192		28° 20'
191+61		54° 45'
191		54° 11'



120 contour in canyon & branches

Sta.	Left	Right
20 218+74	117° 52'	
20 215	113° 30'	
20 217	35° 58'	
20 216+84	26° 35'	
20 216+27		42° 37'
20 216		44° 48'
19 215+71		64° 19'
18 215		44° 05'
17 214+83	150° 38'	
17 214	149° 15'	
17 213	149° 39'	
17 212	149° 42'	
17 211+68	149° 43'	
17 211	147° 48'	
17 210	143° 03'	
17 209	140° 47'	
17 218	132° 27'	
17 207	117° 12'	
17 206	90° 03'	
17 205	61° 36'	
17 204+35	47° 51'	



120 contour

Sta. Left Right

232	00° 48'	
231+60		6° 25'
231		29° 28'
230+70		26° 02'
230		24° 24'
229+51	00° 05'	
229	3° 14'	
228+62	3° 32'	
228		26° 25'
227		82° 58'
226		72° 18'
225+85		45° 35'
225+45		25° 05'
225+20		00° 40'
225		00° 30'
224		00° 15'
223		3° 12'
222		10° 02'
221		24° 45'
220+75		41° 29'
220		43° 56'
219	114° 18'	



120. contour

Sta.	Left	Right
245+46	63° 15'	
245	63° 52'	
244	42° 06'	
243	8° 38'	
242+22	45° 01'	
242	42° 38'	
241+21	41° 01'	
241	32° 38'	
240+64	10° 24'	
240	2° 33'	
239+51	12° 30'	
239	12° 58'	
238	17° 00'	
237+37	18° 12'	
237	22° 53'	
236	25° 29'	
235+50	24° 15'	
235	102° 45'	
234+82	103° 30'	
234	80° 25'	
233	28° 07'	



120 contours in Canyon A

Sta Left Right

260		26° 34'
259		27° 30'
258		16° 23'
257+91		16° 26'
257+35		37° 30'
257		36° 58'
256		38° 46'
255+69		60° 21'
255+21	11° 45'	
255	12° 49'	
254+67	13° 05'	
254	7° 00'	
253	18° 44'	
252	61° 01'	
251	33° 56'	
250+77	25° 56'	
250	10° 07'	
249	9° 46'	
248	11° 47'	
247	20° 09'	
246	24° 24'	



4.8

247.57

5.1

120 contour

Sta. Left Right

269		15° 57'	
268+24		33° 05'	
268		29° 00'	
267+60	139° 55'		C
267	139° 18'		
266+41	130° 23'		
266	119° 34'		
265+77	112° 54'		
265+55	108° 40'		
265	91° 45'		
265+80	83° 53'		
265	55° 04'		
264+53	40° 04'		
264	27° 28'		
263+84	21° 23'		
263		6° 08'	
262+84		8° 58'	
262+38		13° 37'	
262		14° 10'	
261+26		21° 42'	
261		20° 18'	

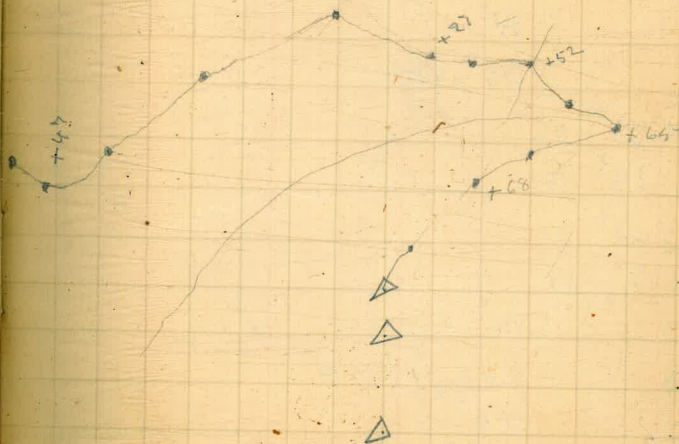


522



120 contour

Sta.	Left	Right
282	74° 36'	
281+47	74° 49'	
281	70° 03'	
280	45° 15'	
279	14° 13'	
278+27	8° 06'	✓
278	15° 41'	
277+52	29° 40'	
277	45° 28'	
276+65	56° 15'	
276	50° 04'	
275+68	44° 56'	
275	36° 42'	
274+81	38° 31'	
274+25	31° 45'	
274	25° 14'	
273+55	2° 24'	
273	3° 00'	
272	00° 38'	
271	8° 25'	
270	19° 34'	



Sta.	Left	Right
297+44	29° 33'	
297	40° 24'	
296		88° 38'
295		95° 01'
294+58		96° 10'
294		90° 24'
293		92° 40'
292		107° 17'
291		99° 21'
290		83° 07'
289+82	29° 24'	
289	29° 14'	
288	20° 51'	
287	7° 34'	
286		19° 25'
285+74		26° 01'
285		44° 11'
284+64		57° 42'
284		71° 38'
283+51		10° 13'
283		8° 18'



Sta. Left Right

312	11° 00'	
311+89	10° 03'	
311+35	11° 46'	
311	8° 11'	
310	3° 53'	
309+80	4° 12'	
309	8° 40'	
308	21° 23'	
307+85	8° 36'	
307	10° 24'	
306	6° 30'	
305+40	17° 44'	
305	20° 45'	
304	23° 27'	
303	20° 00'	
302+73	119° 22'	
302	117° 15'	
301	119° 20'	
300	125° 25'	
299	120° 57'	
298	118° 42'	



Sta	Left	Right
317+22	134° 41'	
317	130° 38'	
316+46	115° 40'	
316	93° 38'	
315+79	83° 21'	
315	43° 13'	
314+60	28° 41'	
314	23° 22'	
313+56	16° 26'	
313	15° 50'	
312+86	14° 35'	
312+48	15° 38'	

sta. 317+22 includes 264+27 x line

17

16

15

14

13

12 + 20 4° 30' Right

12

11

10

9

8

7

6

5

4

3

2

1

207

102° 00' Left

Starting from sta. 207^x line backsight to 215^x
 turned 102° 00' left.

Sta.	Left	Right
10		139° 20'
9		136° 22'
8		132° 47'
7		128° 58'
6		124° 41'
5		121° 42'
4		114° 31'
3		105° 46'
2		97° 11'
1		91° 54'
26 + 25.4 = 0		
26		
25		
24		
23		
22		
21		
20		
19		
18 + 02.3	16° 24'	Right
18		

26 + 25.4 includes 0 of \odot 160 ft contour

18 + 02.3 includes 0 of \triangle 140 ft contour

160 bastons in Switzer Canyon

21

Std. Left Right

29	7° 58'	
28	12° 48'	
27+85	13° 14'	
27+40	16° 09'	
27	17° 43'	
26	20° 33'	
25	22° 10'	
24	21° 30'	
23	22° 30'	
22	23° 36'	
21	25° 00'	
20	27° 35'	
19	34° 48'	
18	18° 34'	
17	95° 33'	
16	88° 35'	
15	141° 38'	
14	142° 00'	
13	141° 38'	
12	141° 02'	
11	140° 40'	

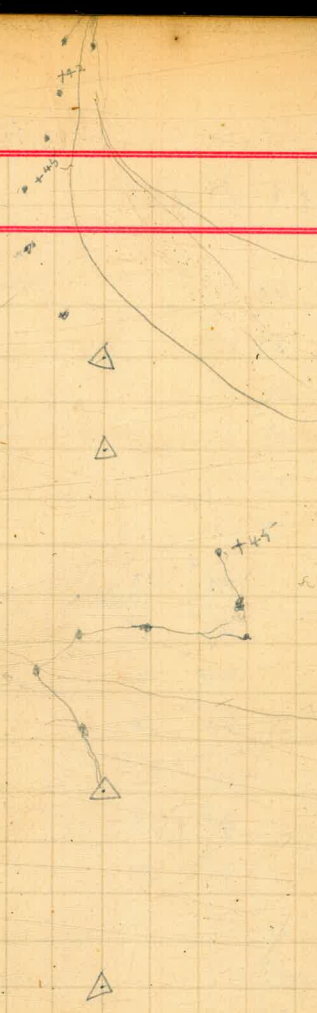


160 Loston

22

Sta. Left Right

44	40°	57'	
43+58	50°	39'	
43	37°	38'	
42+46		20°	37'
42		25°	52'
41+67		27°	20'
41		9°	58'
40+58	3°	54'	
40	14°	57'	
39	12°	33'	
39+60	57°	10'	
38	53°	47'	
37	54°	14'	
36	55°	35'	5'
35+70		32°	06'
35		33°	30'
34		26°	13'
33		16°	18'
32		9°	17'
31		2°	43'
30	3°	25'	



160 bottom Switzer canyon

Sta. Left Right

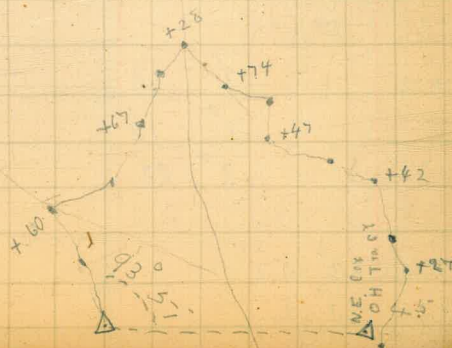
57	4°	48
56+28	19°	53
56	20°	16
55	22°	53
54	22°	20
53	22°	28
52+45	42°	13
52	43°	30
51	44°	45
50+63	43°	10
50	21°	25
49+54	4°	38
49	2°	08
48	3°	11
47+65	2°	56
47+50	4°	26
47	12°	32
46+42	17°	50
46	24°	45
45+45	33°	22
45	57	08



160 ft. contour Switzer canyon

Sea Level Right

78	13° 33'	
77+58	67° 41'	
77	67° 26'	
76	63° 03'	
75+50	109° 07'	
75+23	105° 30'	
75-	98° 57'	
74+27	80° 33'	
74	74° 10'	
73+42	57° 26'	
73	46° 28'	
72+47	30° 52'	
72	24° 48'	
71+74	18° 26'	
71+28	8° 58'	
71	8° 26'	
70+67	7° 10'	
70	00° 25'	
69+60	17° 26'	
69	14° 05'	
69+62	24° 55'	



160 ft bottom Switzer canyon

Sta. Left Right

92	39.15'	
91	20°45'	
+84	15°40'	
90		18°42'
89		19°33'
88		16°18'
+30		7°00'
87		0°30'
440	10°30'	
86	17°06'	
+55	21°57'	
85	35°59'	
84	26°24'	
+83	23°18'	
83	35°48'	
82+65		3° 39'
82		3° 10'
81		2° 01'
80	3° 22'	
79+61	22° 57'	
79	20° 22'	

Intersection 7+50 of Canyon



495

160 M. Contour from Switzer Canon

(Harrison transit)

27

Stn. Left Right

+45		35'26"
106		13'03"
105	11°21'	
+65	17°20'	
104	22°20'	
103	19°23'	
+33	33°06'	
102	24°55'	
+70	38°06'	
101	28°20'	
+70	35°49'	
100	42°45'	
+60		3'04"
99		4'00"
98		4'01"
97		0'27"
96	8°49'	
95	24°12'	
94		0.30'
93	10°15'	

△

△

◇

△

△

160 ft. Section from Lavalleyer Canyon

28

Str. Left right

121	19° 45'	
+50	18° 06'	
120	18° 40'	
119	16° 03'	
+30	34° 38'	
118	30° 20'	
117	15° 13'	
116	20° 00'	
115	24° 00'	
114	30° 36'	
+68	25° 57'	
112	22° 12'	
112		121° 11'
111		109° 05'
110		77° 38'
+60		65° 30'
109		49° 57'
+65		40° 59'
108		36° 05'
107		29° 36'

△

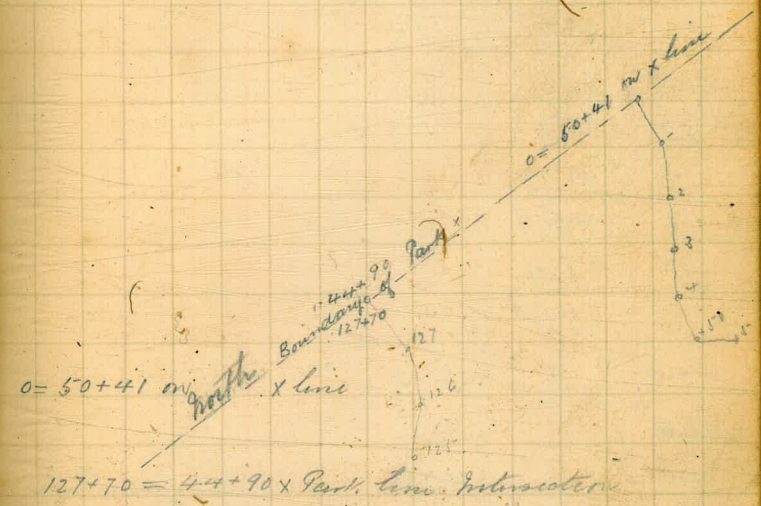
△

△

△

16 off. Contour line Switzer Canon

Sta	Left	Right
9		117°03'
8		109°57'
7		101°52'
6		93°05'
5		97°06'
+50		96°03'
4		90°50'
3		79°37'
2		67°42'
1		55°23'
0		44°01'
+70		
127	45°58'	
126	42°10'	
+40	25°24'	
125	30°5-0'	
124		93°5-0'
123		69°40'
122		18°26'



160 ft. Contour line Switzer Canon

Sta - Left, Right

Sta	Left	Right
23	19°45'	
22	20°17'	
+75	20°28'	
21	28°55'	
+55	24°30'	
20	25°11'	
19	30°10'	
18	43°43'	
17	58°00'	
+70	63°05'	
+45		131°08'
16		131°10'
15		130°30'
14		130°16'
+45		129°55'
13		129°22'
12		124°50'
11		117°20'
+50		115°00'
10		114°50'

△

△

572.5

Post house

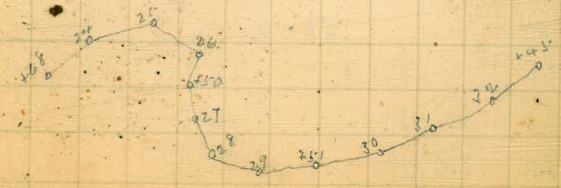


New post house

160 ft. Contour line Switzer Canyon

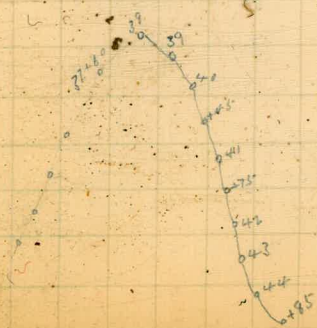
(Mountain Summit)

Sta.	Left	Right
37	33°50'	
36	27°46'	
+16	10°47'	
35	9°43'	
34	16°50'	
+30	20°01'	
33	18°04'	
+45		70°36'
32		70°23'
31		61°06'
30		46°38'
+51		37°40'
29		23°20'
28	0°14'	
27	9°15'	
+50	12°20'	
26	9°40'	
25	16°02'	
24	18°10'	
23+68	19°12'	



160 ft. Contour line Switzer Canon

Sta.	Left	Right
+67	23°10	
49	61°00	
+25	55°05	
48	53°09	
+40	63°12	
47	62°20	
46	53°50	
+60	43°37	
45	12°18	
+85		138°11
44		138°40
43		138°10
42		113°50
+75		105°47
41		76°06
+45		60°00
40		37°40
39	7°00	
38	30°16	
37+60	34°20	



160 ft. Contour line Switzer canon

Sta. Left Right

+50 2'30'

61 4°42'

+75 8°13'

60 16°26'

+22 22°20'

59 22°40'

58 23°24'

57 23°14'

56 33°40'

+30 56°38'

55 55°16'

+30 19°05'

54 15°50'

+58 65°32'

53 13°11'

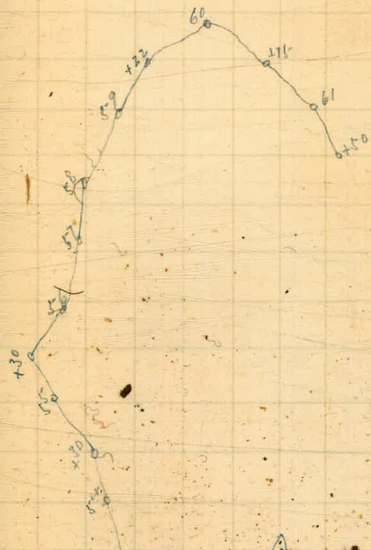
52 14°50'

51 23°15'

+79 19°30'

+57 19°10'

50 4°42'



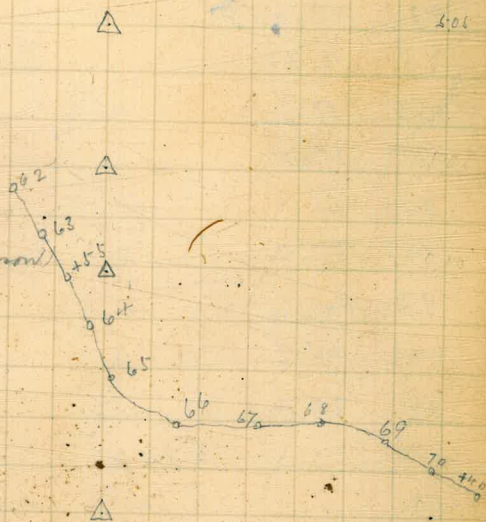
160 ft. Contour line Switzer canon

Linné (Hansel)

Sta. Left Right

76	51°50'	
+55	47°57'	
75	48°00'	
74	36°50'	
+24	34°19'	
73	31°33'	
72	22°24'	
+68	55°07'	
71	51°00'	
+40	5°49'	
70	6°42'	
69	9°24'	
68	13°25'	
67	18°15'	
66	65°51'	
65	59°22'	
64	46°20'	
+55	36°15'	
63	22°21'	
62	7°10'	

Entrance to L. Canon

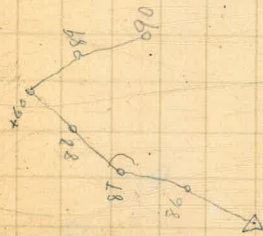


160 ft. Contour line

35

Sta. Left Right

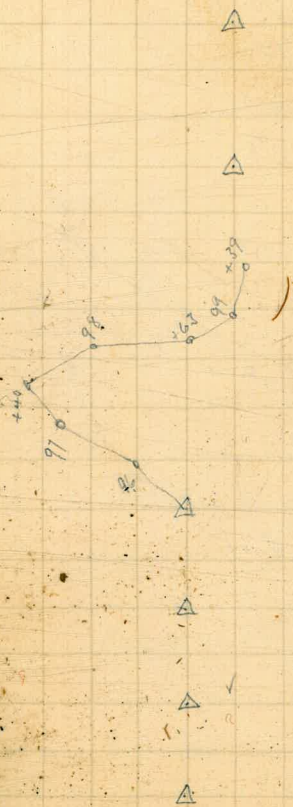
90	38°07'	
89	55°26'	
+60	58°23'	
88	45°30'	
87	46°30'	
86	41°23'	
+63	17°14'	
85	17°37'	
84	25°16'	
+47	21°30'	
83	14°04'	
+42	23°33'	
82	20°10'	
+79		6°06'
81		5°56'
+60		2°12'
80	9°05'	
79	27°30'	
78	44°56'	
77	53°58'	



160 ft. contour line

Sta	Left	Right
-----	------	-------

102	19°39'	
+22	12°44'	
101	14°33'	
100	12°54'	
+39		15°18'
99		15°30'
+63		10°30'
98	18°58'	
+40	37°43'	
97	39°50'	
96	17°35'	
+68		0°12'
95	1°10'	
+10	0°13'	
94	0°58'	
+46	12°13'	
93	14°46'	
+35		8°55'
92		9°10'
91	3°56'	



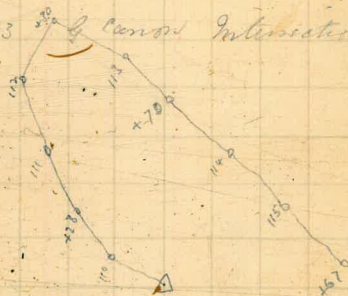
160 ft. Contour line

Sta Left Right

+67		89° 04'
115		64° 15'
114		14° 35'
+70		6° 33'
113		5° 20'
	6° 40'	
+30	6° 20'	
112	9° 25'	
111	26° 43'	
+28	44° 33'	
110	61° 30'	
+18	82° 1'	
109		0° 03'
108	0° 40'	
107	7° 40'	
106	15° 42'	
+73	6° 06'	
105	7° 34'	
104	8° 55'	
103	12° 40'	

Station 38, G. Canon

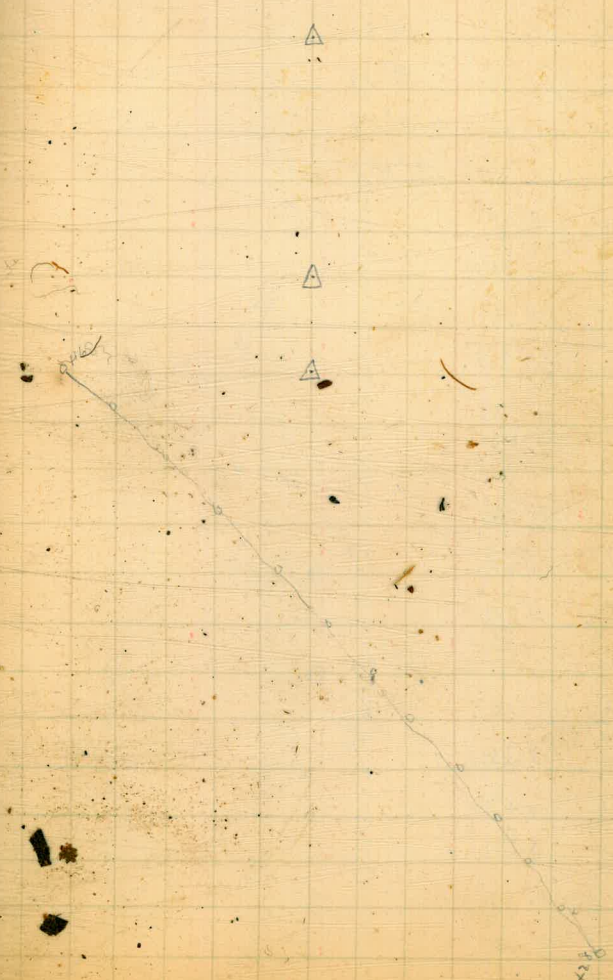
112+80 = 37+93



160 ft. Contour line

Sta Left Right

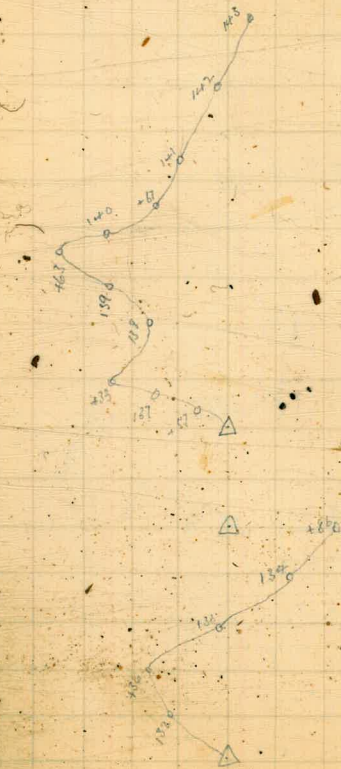
+62		2°59'
129		0°33'
128	1°10'	
127	5°30'	
126	12°30'	
125	2°41'	
124	22°50'	
+28		170°35'
123		170°19'
122		167°18'
121		163°30'
120		159°15'
+48		153°40'
119		147°38'
+45		137°18'
118		140°34'
+62		144°31'
117		137°17'
+50		124°36'
116		102°51'



160 M. Contour line

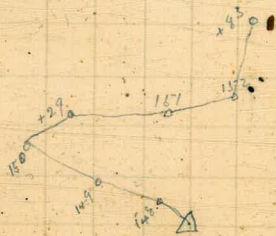
Sta. Left Right

143		12°51'
142		8°25'
141		4°00'
+67		2°45'
140	9°13'	
+63	15°40'	
139	18°15'	
138	22°50'	
+33	40°39'	
137	37°30'	
+57	17°12'	
136	16°37'	
135	9°25'	
+86		23°04'
134		15°10'
133	36°50'	
+36	64°10'	
132	67°11'	
131	4°21'	
130	5°00'	



160 ft. Contour line

Sta	Left	Right
157	6°25'	
156	29°46'	
155	33°13'	
154	57°30'	
+42	20°10'	
153	10°20'	
+83		33°09'
152		33°03'
151	8°10'	
+29	35°00'	
150	45°30'	
149	36°42'	
148	28°41'	
+84		30°45'
147		28°17'
146		24°23'
145		20°25'
+48		17°20'
144		15°45'
143+80		16°04'

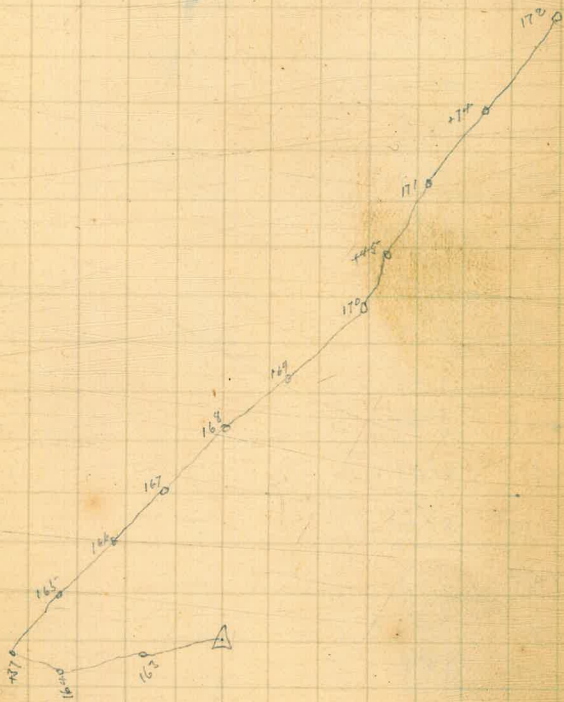


160 ft. Contour line

Franklin (transit)

Sta.	Left	Right
------	------	-------

172	24° 57'	
+74	25° 00	
171	29° 40'	
+45	31° 00	
170	29° 38'	
169	34° 09'	
168	40° 46'	
167	51° 21'	
166	64° 03'	
165	87° 56'	
+37	106° 08'	
164	109° 13'	
163	94° 35'	
+37	4° 47'	
162	7° 25'	
161	5° 47'	
160	77° 49'	
159	71° 12'	
158	72° 29'	
157+75°		7° 55'



Exit from G. Canal

760 ft. Contour line

42

Sta. Left Right

149 38°54

187 40°20

150 48°46

186 42°37

185 53°20

184 70°14

183 69°42

182 5°49

181 0°58

169 2°45

180 21°37

178 28°10

179 30°12

178 24°50

177 30°31

176 27°45

175 66°37

174 33°42

180 22°31

173 22°41

△

△

△

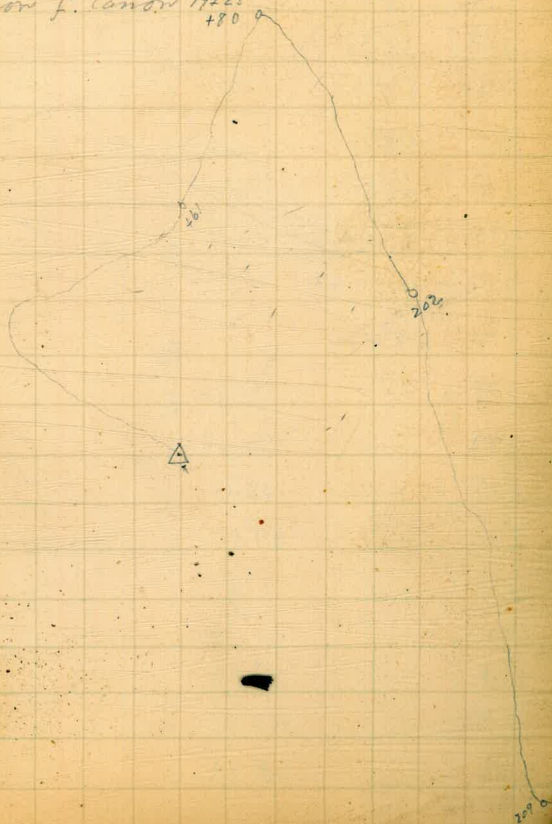
△

△

160 ft. Contour line

Sta Left Right

202		31°52'
201		25°07'
200		19°26'
+80		0°19'
199		0°19'
198		17°40'
197		17°48'
+61		17°06'
196		9°20'
195	12°47'	
194	16°53'	
193	16°54'	
+36		20°30'
192		19°50'
+64		18°26'
191		2°02'
190	25°00'	
+80	29°50'	
189	34°23'	
188	23°11'	

Intersection of Contour ¹⁷⁺²⁵₊₈₀

160 ft. Contour line

Sta. Left. Right

215		27° 14'
+44		12° 21'
214		0° 52'
+71	6° 13'	
213	28° 10'	
+29	50° 00'	
212	49° 19'	
211	33° 18'	
+50	53° 33'	
210	45° 30'	
+81	29° 42'	
209		118° 55'
208		116° 59'
207		106° 19'
206		89° 10'
205		67° 51'
+60		60° 04'
204		56° 57'
+42		47° 11'
203		43° 35'

Franklin (transit)

44

△

△

△

160 ft. Contour line

Sta. Left Right

226 24°10'

+76 54°06'

+44 54°40'

225 47°30'

224 4°30'

+61 9°10'

223 28°10'

+39 61°50'

222 48°25'

+49 27°12'

221 12°15'

+27 13°01'

220 12°37'

+32 11°56'

219 11°16'

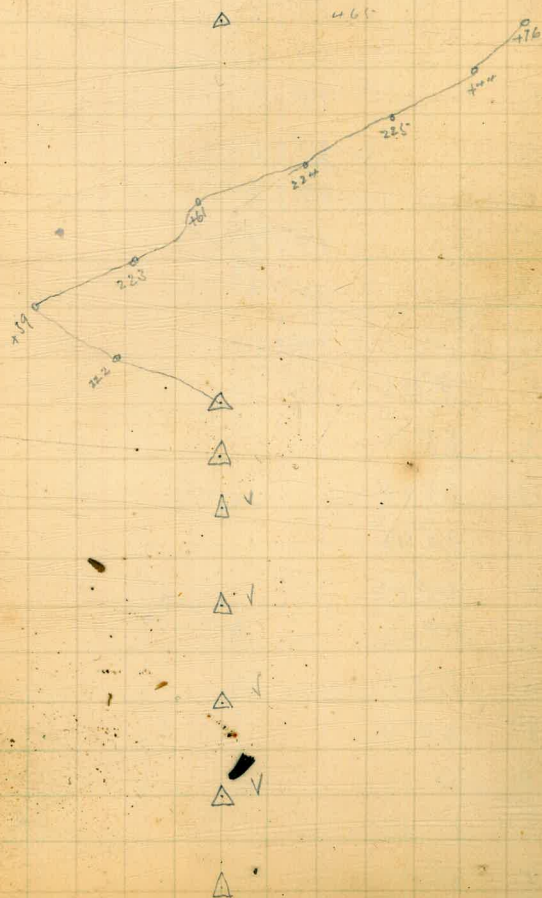
+32 24°27'

218 23°02'

217 24°39'

216 18°50'

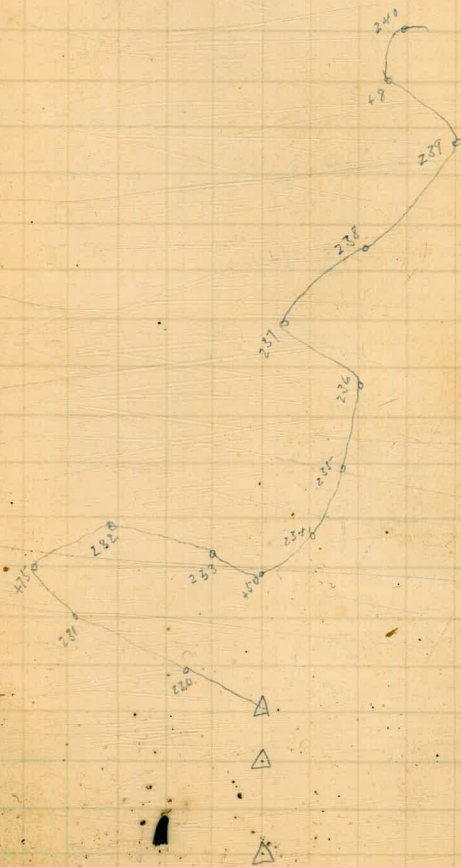
215+41 31°49'



160 ft. Contour line

Sta. Left Right

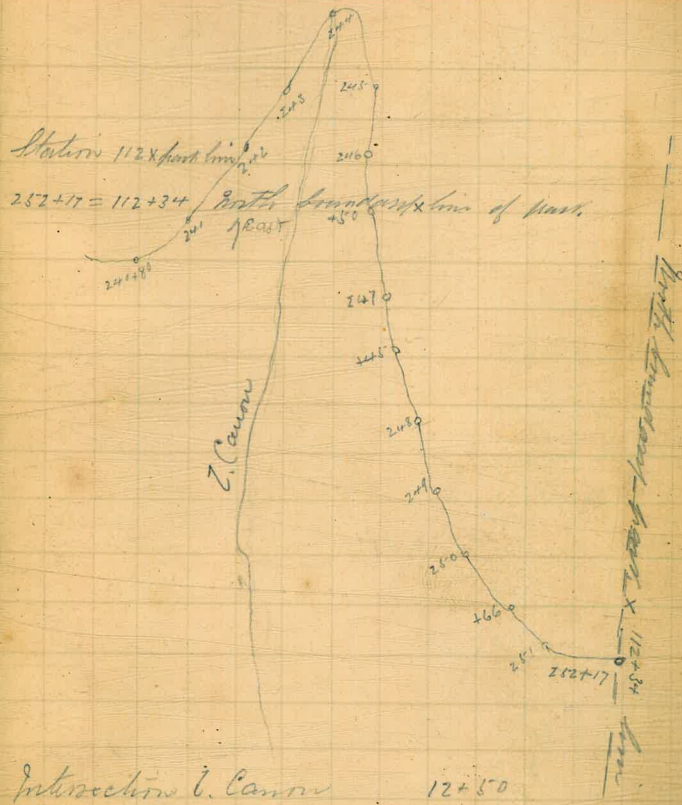
240		36°06'
+80'		35°09'
239		38°00'
238		38°11'
237		23°56'
236		29°25'
235		29°58'
234		25°50'
+50'		10°58'
233	9°42'	
232	32°36'	
+75'	38°05'	
231	40°45'	
230	43°00'	
+65'	34°44'	
+23'	31°38'	
229	26°10'	
+54'	18°17'	
228	17°42'	
227	23°10'	



160 ft. Contour line

Sta. Left Right

Sta.	Left	Right
		118°19'
+17		122°55'
252		122°46'
251		118°00'
+66		111°20'
250		94°51'
249		74°20'
248		59°51'
+45		54°38'
247		54°44'
+50		49°58'
246		48°43'
245		47°37'
244		52°18'
243		50°27'
242		49°41'
241		43°23'
240+80		41°45'



160 ft Contour line

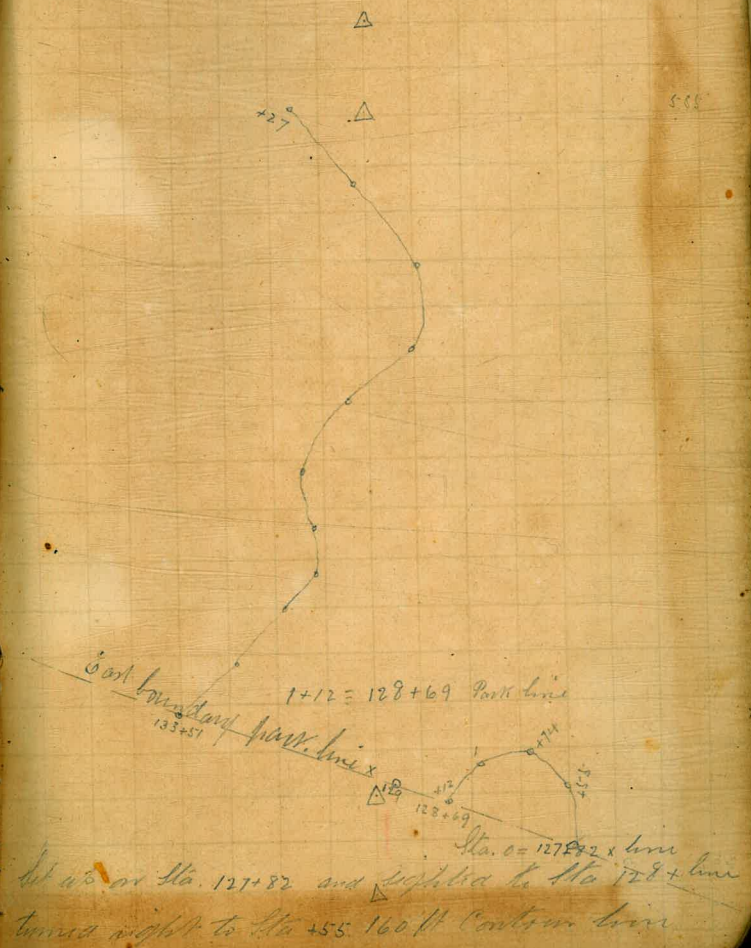
Sta. Left Right

9	34°39'	
+86	11°54'	
8	17°07'	
+27		27°04'
7		26°39'
6		28°11'
+85		27°38'
5		17°40'
4		6°37'
3	1°07'	
+50		0°09'
2	7°20'	
1	17°36'	
0=133+51	27°44'	
	54°50'	Sta. 129 Part. line
1+12	77°53'	1+12=128+69 E. part. x line
1	72°12'	
+74		24°35'
+55		37°12'
0=127+82		

Transit (transit)

43

Continued in Log. dated March 17th 88



TRAVERSE TABLE FOR TRANSIT BOOK,
From 1° to 90° for a distance of 100.

Degrees	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	80
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	81
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	82
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	83
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	84
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	85
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	86
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	87
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	88
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	89
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	90
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	71
12	97.81	20.79	97.72	21.22	97.68	21.64	97.53	22.07	72
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	73
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	74
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	75
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	76
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	77
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	78
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	79
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	80
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.58	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.65	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees
	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		

Published by Edward Denny & Co., Stationers, Drawing Materials,
Mathematical Instruments, Etc., San Francisco.

251 + 50
250 + 21
1 + 29

264 + 27
1 + 29
262 + 98

18028
92
30000