

9/7/15

Balsam Mt n.'s - East Base

with John Michelotti, Sr. + James Cruickshank

210-52

See p. 202-71A
for more history

ANSO BAROMETER

$R_1 = 1.018$

	site	p	Δp	Δe	e calc	e map	time
(Z)	2810	30.28	0.19	193	1503	1500	9:25
(A)	Highmant	29.90	0.57	580	1890	1890	9:30
(B)	Cruickshank's	30.47	0.00	—	—	1310	ca. 10:30 AM
(C)	stone wall	30.30	0.17	173	1483		
(D)	turn N out of ravine	30.11	0.36	366	1676		
(E)	OAK-ASH-BIOTOOTH	29.95	0.52	529	1839		
(F)	open seep	29.84	0.63	641	1951		
(G)	stone pile fork	29.79	0.68	692	2002		
(H)	enter Platt field	29.69	0.78	794	2104		
(I)	Platt barn	29.71	0.76	774	2084	2177 ‡	NOON ±
(J)	highest wall	29.50	0.97	987	2297		
(K)	head of cove	29.39	1.08	1099	2409	2483 ‡	1 PM ±
	"	29.39	1.03	1012	2322	2483 ‡	
(L)	Biotooth-BASS	29.65	0.77	757	2067		
(M)	Black birch, ASH	29.78	0.64	629	1939		
(N)	leaving DEP	29.91	0.51	501	1811		
(O)	Cove bare widens	30.22	0.20	197	1507		
(P)	open field	30.37	0.05	49	1359	1310	2 PM ±
(S)	Cruickshank's	30.42	0.00	—	—	1310	2:25 PM ±
(A)	Highmant	29.83	0.59	580	1890	1890	

$R_1 = 1.018$
 $\frac{1890' - 1310'}{30.47 - 29.90} = \frac{580'}{0.57} = 1.018$
 $R_2 = 0.983$
 $\frac{1890' - 1310'}{30.42 - 29.83} = \frac{580'}{0.59} = 0.983$

John's GPS coordinates:

(I) $42^{\circ}05'30''$, $74^{\circ}27'49''$ at water well, Platt's farm, 2160' el.

(M) $42^{\circ}05'10''$, $74^{\circ}28'25''$ at cove head, Tyler's, head of cove. El 2150'

Mileage: 12.7 miles from 2810 to Cruickshank's via Todd Mt + Lasher Roads - 25.5 miles round-trip . 0.7 mile betw. Lasher Rd + Bob Cruickshank's

‡ 1903 Phoenicia Quad., surveyed in 1900.

Jr's house.

COMPASS BAROMETER

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Site	P	Δp	Δe	e calc	e map	R
(Z)	30.20	0.17	167	1477'	1500'	
(A)	29.78	0.59	580'	(R3)	1890'	(A to B)
(B)	30.37	0.00	0	—	1310'	$\frac{1890-1310'}{30.37-29.78} = \frac{580'}{0.5911}$
				0.983		= 0.983 R3
(C)	30.16	0.21	206	1516		
(D)	30.00	0.37	364	1674		
(E)	29.85	0.52	511	1821		
(F)	29.72	0.65	639	1949		
(G)	29.60	0.77	757	2067		
(H)	29.52	0.85	836	2146		
(I)	29.50	0.87	855	2165	2177#	
(J)	29.28	1.09	1071	2381		
(K)	29.19	1.18	1160	2470	2483#	
	29.19	1.06	1025	2335	2483#	
(L)	—	not measured				
(M)	—	not measured				
(N)	29.75	0.50	484	1794		(B to A) (R4)
(O)	—	not measured				$\frac{1890-1310'}{30.25-29.65} = \frac{580'}{0.60}$
(P)	30.23	0.02	19	1329	1310	= 0.967 R4
(B)	30.25	0.00	0	1310	1310	
(A)	29.65	0.60	580	1890	1890	

The Compass barometer and R3 seem to be the most accurate

(R4) 0.967

James Crutchshank, John Jr's cousin, is son of Robert Crutchshank Jr. James born ca. 1964. (Catskilljimmy@gmail.com)
 PSC graduate, PPF, mid-1980s. Dendro with George Peroni.
 Lives in Brooklyn, 21st Avenue 66th St, Bensonhurst, near Sea Beach Linn.
 Once worked for NYC Parks Dept. managing trees.

John Jr. born 1981, according to John Sr.

Vegetation and History

See p. 202-71A
for more history

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Along Chickshank Rd:-

0.0 mile = Lasher-Last Clove Rds. Junction

0.55 mile = Robert Chickshank Jr.'s home
(now lives in Mountainside)

0.70 mile = Robert (Bob) Chickshank Jr.'s home
(James' brother) - begin hike

(C) 1516' Stone wall runs N-S, BB

(D) 1674' 2 ravines converge; log road
turns N + up.

(E) 1821' OAK-ASH-BIGTOOTH at junction.

(F) 1949' Open seep. James says it was
always open + never was a field: *Apuriceus*, *Chocoma*, *Spiraea lat.*, *S. gram*, *Ck cinnita*

(G) 2067' Junction. Stone piles + 36" OAK
above.

(H) 2146' Enter Platt Farm clearing.
TASP - *Pteridium* - *Solidago*.

John Sr. showed a photo taken ca. 1985
with John Jr.'s cousin as a boy. Much
more open, grassy, with view of
Slide Mtn + Giant Ledge.

Mowing machine relict with
1871 + 1877 patents. Platt Farm is
not yet shown on 1875 Beer's Atlas, but
is on 1903 Phoenicia Quad, surveyed 1900.

Water well covered with large
SS slab. 36" to water table during
a drought.

(I) 2165' to 2173' Platt's house + barn foundations.
Begin climb up log road to Tyler's.
James says last logged 2004 to 2006; before
that in late 1970s, on E slope of Balsam Mt.
Stumps of two ages.

Log road on 1st ledge (except at barn).

(I) to (J). Log road heads generally SW
to (K) and up a gentle grade, passing

areas that had been ^{greatly} opened up in
2004-2006, resembling a forest tent
caterpillar defoliation: a few dead
SUGS, plus RA thickets. This is
The highest-elevation main N-S haul
road. All roads above were mainly
stub branches up to steeper parts of
Balsam Mtn (maybe 2800 to 2900 feet,
this needs a field check).

(J) 2381' Stone wall here is a puzzle.
Seems to be well above Platt's

farm. DEP-Chickshank
present boundary criss-crosses
log road at least 2X.

(K) 2430' Head of bowl. Logged 2004 heavily
+ open. 2011 landslide reported by
James, occurred after "Irene"
SUGS partly defoliated now, some
dead standing.

(K) to (L) = 2067' S-curve in log road with
short-cut. Bigtooth, BASS

(M) 1939' BASS, PARTM climbing ^{think of}
a tall ASM > 100' tall.

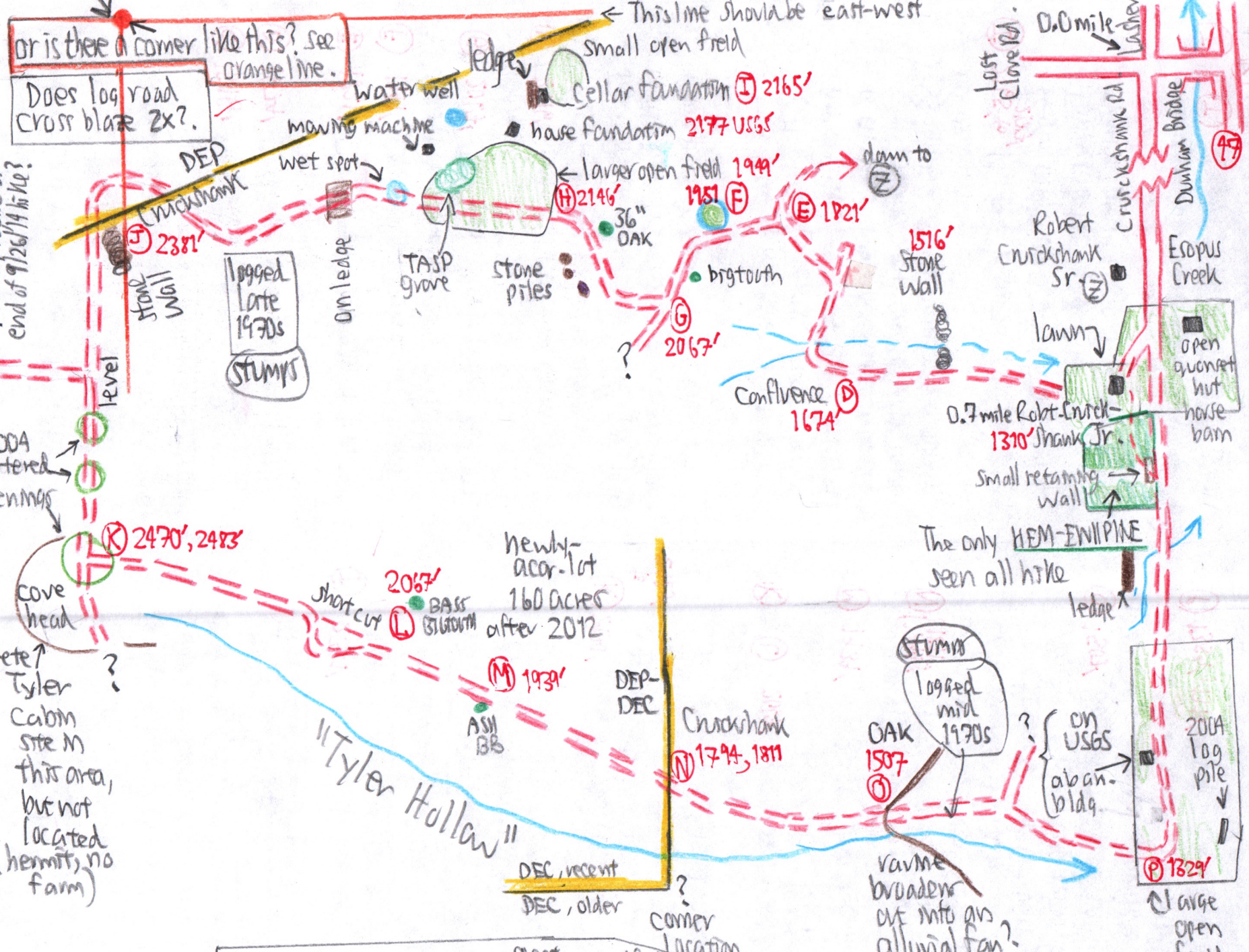
(N) 1794' to 1811' Cross new DEP-DEC line.
Lot above acc. after 2012 Liz
Cruz' map. 160 acre lot.

Below is a till cut with an E
horizon, ochrept color below, Beech dom.

(O) 1507' Base of deep ravine.
Broadening alluvial fan-line below
with OAK. Stump from mid 1970s.

(P) 1354', 1310' Enter large open field
shown on USGS, with aban. building
just north.

21055



James Cruckshank, James' great-grandfather, purchased lands in 1889.

The view from Cruckshank-Michelotti home of Balsam Mtn. is of hardwoods only. ∴ not summit but 3400' shoulder