

RAFORKUMÁLASTJÓRI  
Landmælingar

KRÁKA VIÐ STRENGJABREKKU

Tachymetermæling 1962

Borhola 1963

Mælt í október 1962, GÐ o.fl., vegna tachymeterkorts

KRÁKA VIÐ STRENGJABREKKU. FNR 5883.

með 1 m hæðalínunum í mælikvarða 1:2000.

Reiknað og teiknað í nóvember, GÐ o. fl.

Sett var "stika" við vörðu í Sjónarhól (landsnetspunktur).  
Tachymeterstöð 10 var mæld inn (með príh.) út frá "stiku"  
og Sandfelli (þúfa, landsnetsp.).

Settar voru út 15 tachymeterstöðvar.

Hæðir reiknaðar út frá FM-K4 (Áður mælt af SP og AJ).

Hælar í stöðvum 1-15

Boltar í FM-K4 og FM-K5

Bolti er í vörðu í Sjónarhól.

Ekkert merki fannst í Sandfelli.

-----  
IB mældi inn borholu á þessu svæði 1963:

Borhola	Hæð	Y	X
..Bk-1..	..323.0..	..555589.8..	..456688.0..

Setja á rör (ef hægt er) í stöð 10 og mæla hana inn í  
príhyrninganetið 1963.

5883

	P			H	Ath.	
	1	555965	456115	298,24	✓	<
	2	556005,7	456288,2	312,49		>
	3	555760	456244	311,43	✓	
	4	555566,9	456212,8	314,02	✓	
	5	555500	456424	305,86	✓	
	6	555300	456374	305,66	✓	
	7	555078,3	456573,5	313,62	✓	
	8	555295	456643	314,92	✓	
	9	555512	456745	319,77	✓	
	10	555447,0	456588,0	326,12	✓	
	11	556038,0	456662,0	321,85		
	12	555632,5	456975,5	325,34	✓	
	13	555224,1	456802,3	319,86	<	
	14	555280,8	457270,9	323,31	✓	>
	15	554991	457402	325,55	✓	
	H2			293,40		
	FM-K5	555531	457027	316,70	✓	
	H3	554536	457521	325,06	✓	
	Sandfell	559992	463364	(451)	1417 þúfa	
	Sjónask.	558569	457207	(328)	1418 varða	

W

Sandfell	559992	463364	
Sjónarhöll	<u>558569</u>	<u>457207</u>	
	1423	6157	231119
13°00'	224951	974370	230868
	+283	-65	+307
49"	+231	-53	+251
13°00'49"	225182	974317	231119
	1423	6157	6319,30

170°15'	169350	-985556	
	0,45	-2,61	2,65

Stíka	558569,5	457204,4	
	1422,5	6159,6	230940
14"	+66	-15	+72
13°00'14"	225017	974355	230940
	1422,5	6159,6	6321,72

1,41516

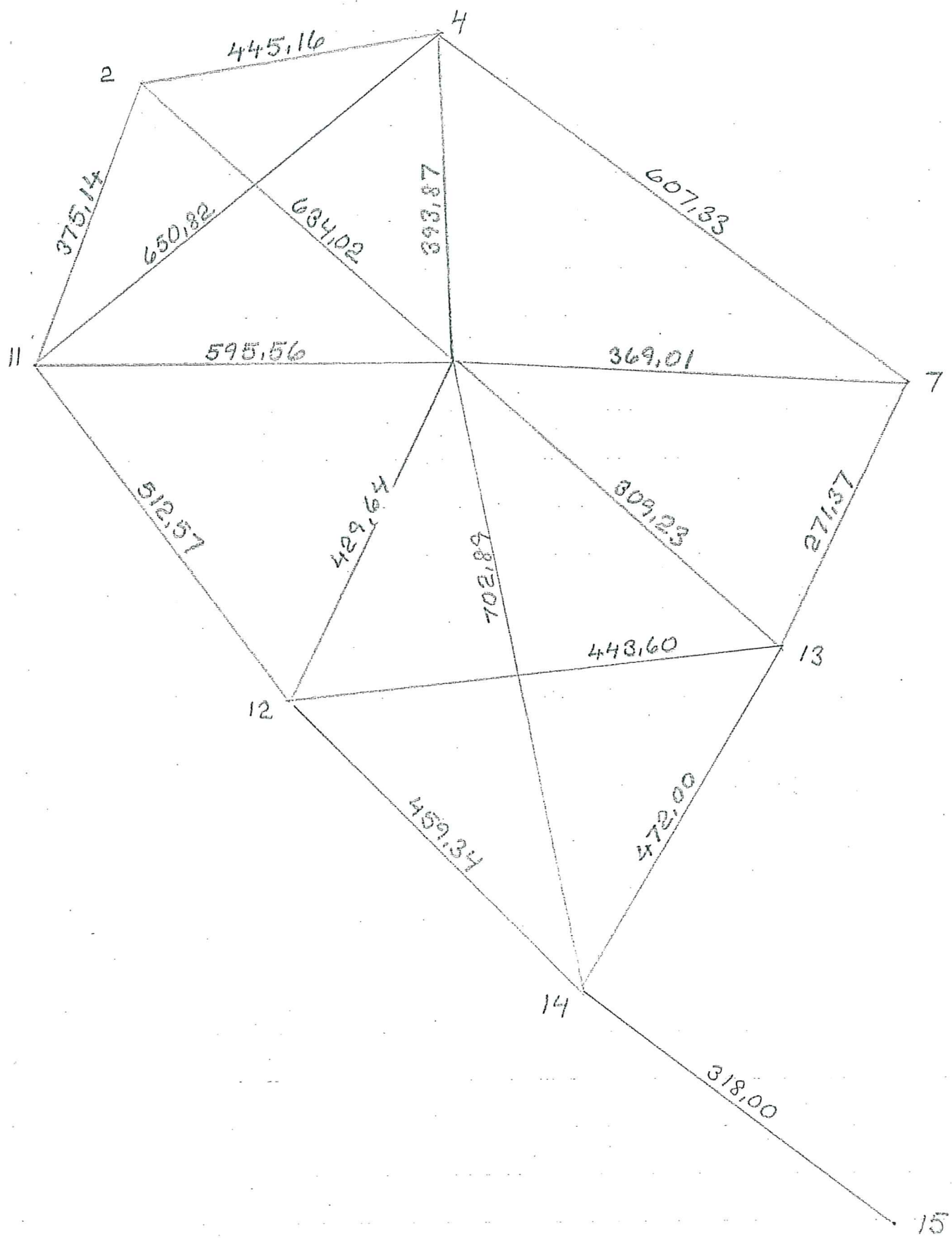
	<u>44°58'31</u> 13°00'14	1,415037	-412	1,414824	1422,5 6159,6	
10 - Sandf	33°51'01	557021	241	+ 557025 8159,50	4545,05	559992,0
		830499	-162	+ 830496	6776,43	463364,0
10 - Stíka	78°49'32	981012	56	+ 981042 3182,89	3122,55	558569,5
		193949	-285	+ 193797	616,83	457204,4
10						<u>555447</u> <u>456588</u>

245,8  
44,5

10-5	162 15		172,0	+ 30486 - 95240	+52,4 -163,8	555499,4 456424,2
4-5	342 18		221,5	- 30403 + 95266	-67,3 +211,0	555499,6 456423,8
7-6	131 56		297,8	+ 74392 - 66826	+ 221,5 - 199,0	555299,8 456374,5
4-6	301 10	X	312,0	+ 51753 - 85566	+ 161,5 - 267,0	555299,9 456374,3
7-8	72 20		228,0	+ 95284 + 30348	+ 217,2 + 69,2	555295,5 456642,7
10-8	289 55		161,4	- 94019 + 34065	- 151,7 + 55,0	555295,3 456643,0
8-9	64 42		238,9	+ 90408 + 42736	+ 216,0 + 102,1	555511 456745
10-9	22 30		169,8	+ 38268 + 92388	+ 65,0 + 156,9	555512,0 456744,9
12-9	207 36		260,0	- 46330 - 88620	- 120,5 - 230,4	555512,0 456745,1
9-FMK5	3 52		282,4	+ 06744 + 99772	+ 19,0 + 281,8	555531,0 457026,8
12-FMK5	296 56		113,7	- 89153 + 45295	- 101,4 + 51,5	555531,1 457027,0
4-3	80 54		195,8	+ 98741 + 15816	+ 193,3 + 31,0	555760,2 456243,8
2-3	259 44		250,0	- 98399 - 17823	- 245,6 - 46,6	555759,9 456243,7
3-1	122 14		241,2	+ 84588 - 53337	+ 204,0 - 128,6	555964,0 456115,2
2-1	193 19		177,9	- 23033 - 97311	- 41,0 - 173,1	555964,7 456115,1

10						555447,0
						456588,0
10-11	82° 52,0	✓	99226	+	590,95	556037,95
		✓	595,56			
		✓	12418	+	73,96	456661,96
		✓	88115			
10-2	118° 13,1	✓	634,02	+	558,67	556005,67
		✓	47283	-	299,78	456288,22
		✓	30450			
10-4	162° 16,3	✓	393,87	+	119,93	555566,93
		✓	95251	-	375,17	456212,83
		✓	99923			
10-7	267° 44,7	✓	369,01	-	368,73	555078,27
			03975	-	14,67	456573,33
			72110			
10-13	313° 52,7		309,23	-	222,99	555224,01
			69284	+	214,25	456802,25
			23658			
10-14	346° 19,1	✓	702,89	-	166,25	555280,75
		✓	97162	+	682,94	457270,94
			43156	+	185,42	555632,42
10-12	25° 34,7	✓	429,64	+	387,54	456975,54
			90200			
			08603	-	82,27	✓
11-2	184 56,1		375,14	-	373,75	✓
			99629			
			98557	-	438,74	✓
2-4	260 15,2		445,16			
			16929	-	75,36	✓
			80460			
4-7	306.25,7		607,33	-	488,66	✓
			59382	+	360,64	.4
			53737	+	145,83	.16
7-13	32 30,3		271,37	+	228,86	.3
			84334			
			12002	+	56,65	✓
13-14	6 53,6		472,00	+	468,59	✓
			99278			
		✓	76575	+	351,74	.49
14-12	130 01,6	✓	459,34			
		✓	64314	-	295,42	✓
			79103	+	405,46	✓
12-11	127 43,1		512,57	-	313,58	✓
			61178			

<u>Kröká</u>		RAFORKUMÁLASTJÓRI						M	
		FALLMÆLING						Blað Eitt blað	
								Reikn. GP	
								Dags. 3.10.62	
pkt.	dH	dH	v	vv	meðaltal		H	H jafnað	pkt.
					÷ dH	÷ dH			
							288,910		FM-K4
FM-K4	-4,170	+4,170				4,170			
H1	+8,656	-8,655			8,656		284,740		H1
H2	-0,730					0,725	293,396		H2
v6	+0,720				0,725		292,67		v6 við H2
H2	+5,945				5,942		293,396		
v61	+5,622	-23,295			5,619		299,34		v61
v62	+11,745				11,742		304,96		v62
FM-K5	-1,079					1,082	316,699		FM-K5
v6	+10,85				1,082		315,62		v6 við FM-K5
FM-K5	+8,368	-5,878			5,879		316,699		
v6 við Gróf		-2,486			2,487		322,58		v6 við Gróf
H3	-0,506					0,507	325,065		H3
v6	+0,508				0,507		324,56		v6 við H3
H3	12,279	-6,076			6,075		325,065		
v6		-6,205			6,205		331,14		v6
FM-K6	-0,527					0,526	337,345		FM-K6
v6	+0,526				0,526		336,82		v6 við FM-K6
FM-K6	+10,708	-10,698			10,703		337,345		
H4	-0,506	+0,507				0,506	348,048		H4
v6 við H4							347,54		v6 við H4
H1	-0,722	+0,722				0,722			
v6 við H1							284,02		v6 við H1





	$l'$	$\Delta h'$	$\Delta h$	$l$	$\alpha$	$l_{\text{lead}}$	$h_{\text{lead}}$	$p$
2-3	250,0 250,0 195,9	-1,05 +1,05 +2,60	-1,05	250,00	0° 31'	99996	249,99	596,32
3-4	195,6	-2,58	+2,59	195,75	0° 40'	99993	195,74	747472
2-4							445,73	99
4-5	221,8 221,2 171,9	-8,17 +8,16 +20,24	-8,16	221,50	0° 00'	1,00000	221,50	595,08
5-10	172,2	-20,29	+20,26	172,05	0° 00'	1,00000	172,05	661388
4-10							393,55	127
4-6	312,3 311,8	-8,35 +8,38	-8,36	312,05	5° 15'	99581	310,74	595,40
6-7	297,8 297,8	+7,89 -8,03	+7,96	297,80	5° 30'	99540	296,43	101976
4-7							607,17	54
7-8	228,0	+1,24			15° 24'	96410	219,81	595,92
8-10	161,8 160,9	+11,21 -11,19	+11,20	161,35	22° 10'	92609	149,42	61960
7-10							369,23	84
10-9	169,8 169,7 259,9	-6,35 +6,35 +5,56	-6,35	169,75	3° 05'	99855	169,50	595,00
9-12					2° 01'	99998	259,74	72140
10-12							429,24	61
8-9	238,9 238,9 282,0	+4,83 -4,83 -3,09	+4,83	238,90				
9-FM15	282,9 206,0	+3,11 -0,19	-3,10	282,45				
5-6								
1-2	177,8 178,0 241,2	+14,09 -14,29 +13,28	+14,19	177,90				
1-3	341,2 134,8	-13,30 -18,11	+13,29					
3-12								
12-K5	113,8 113,6	-8,68 +8,63	-8,66	113,70				
14-15	318,0 318,0	+2,23 -2,25	+2,24	318,0				
							184094	30910°
							595,56	

10	1,23							326,15	
11	1,65	- 0°22'12	006400	006458	545,6	- 3,85	- 4,27	- 4,26	28
2	1,70	- 1°11'34	020656	020821	634,0	- 13,20	- 13,67	- 13,65	25
4	1,70	- 1°41'32	029388	029543	393,9	- 11,64	- 12,11	- 12,11	64
7	2,00	- 1°49'56	031717	031989	369,0	- 11,80	- 12,57	- 12,50	73
13	1,50	- 1°06'40	019201	019395	309,2	- 6,00	- 6,27	- 6,25	105
14	1,50	- 0°12'40	003491	003685	702,9	- 2,59	- 2,86	- 2,81	20
12	1,60	- 0°03'44	000273	001086	429,6	- 0,47	- 0,84	- 0,80	54

11	1,23							321,89	
2	1,20	- 1°25'56	024781	025003	375,1	- 9,38	- 9,35	- 9,36	71
4	1,20	- 0°41'28	011927	012063	650,8	- 7,85	- 7,82		24*
10	1,67	+ 0°27'02	007854	007864	545,6	+ 4,68	+ 4,24	+ 4,26	28
12	1,60	+ 0°26'01	007568	007568	512,6	+ 3,88	+ 3,51	+ 3,48	38

2	1,23							312,51	
4	1,70	+ 0°15'32	004363	004518	445,2	+ 2,01	+ 1,54	+ 1,54	50
10	1,67	+ 1°16'16	022111	022189	634,0	+ 14,07	+ 13,63	+ 13,65	25
11	1,65	+ 1°29'44	025895	026108	375,1	+ 9,79	+ 9,37	+ 9,36	71

4	1,18							314,05	
7	2,00	+ 0°01'47	000291	000519	607,3	+ 0,32	- 0,50	- 0,41	27
10	1,67	+ 1°49'58	031717	031998	393,9	+ 12,60	+ 12,11	+ 12,11	64
11	1,65	+ 0°53'56	015418	015690	650,6	+ 10,21	+ 9,74		24
2	1,70	- 0°07'58	002036	002317	445,2	- 1,03	- 1,55	- 1,54	50

7	1,30							313,66	
13	1,50	+ 1°20'36	023275	023450	271,4	+ 6,36	+ 6,16	+ 6,24	136
10	1,67	+ 1°59'14	034680	034698	369,0	+ 12,80	+ 12,43	+ 12,50	73
4	1,70	+ 0°04'03	001164	001179	607,3	+ 0,72	+ 0,32	+ 0,41	27

13	1,35							319,91	
14	1,50	+ 0°26'01	007563	007568	472,0	+ 3,57	+ 3,42	+ 3,45	45
12	1,60	+ 0°44'04	012800	012819	443,6	+ 5,69	+ 5,44	+ 5,44	51
10	1,67	+ 1°12'52	020947	021199	309,2	+ 6,55	+ 6,23	+ 6,25	105
7	2,00	- 1°11'51	020656	020903	271,4	- 5,67	- 6,32	- 6,24	136
14	1,30								
12	1,60	+ 0°17'06	004945	004974	459,3	+ 2,28	+ 1,98	+ 2,00	47
10	1,67	+ 0°16'19	004363	004455	702,9	+ 3,13	+ 2,76	+ 2,81	20
13	1,50	- 0°23'55	006691	006958	472,0	- 3,28	- 3,48	- 3,45	45
15									
12	1,40							325,36	
11	1,45	- 0°21'28	006109	006245	512,6	- 3,20	- 3,45	- 3,48	38
10	1,67	+ 0°08'21	002327	002429	429,6	+ 1,04	+ 0,77	+ 0,80	54
13	1,50	- 0°41'28	011927	012063	443,6	- 5,35	- 5,45	- 5,44	51
14	1,50	- 0°14'28	004072	004208	459,3	- 1,93	- 2,03	- 2,00	47
8									
7					228	- 1,24*			192 <sup>+</sup>
10					161	+ 11,20			386
9					239	+ 4,83			175
9									
FM-K5					282	- 3,10			126
12					260	+ 5,56			148
10					170	+ 6,35			346
8					239	- 4,83			175

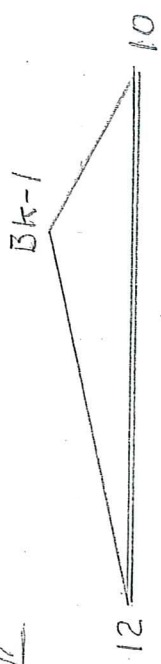
10	326,15						-3	<u>326,12</u>
11								
2								
4								
7								
13								
14								
12								
11	321,89	-1	-1	-1	-1	-1	-4	<u>321,85</u>
2	321,87	48	1	1	1	1		
4	321,87	8	0	0	0	0		
10	321,89	19						
12	321,88	25	-1	-1	-2	-2		
2	312,51	+1	+1	+1	+1	+1	-2	<u>312,49</u>
4	312,51	34	0	0	0	0		
10	312,50	17						
11	312,53	49	-1	-1	-1	-1		
4	314,05	0	0	0	0	0	-3	<u>314,02</u>
7	314,07	20	0	-1	-1	-1		
10	314,04	45						
11								
2	314,05	35	1	1	1	1		
7	313,66	0	-1	-1	-1	-1	-4	<u>313,62</u>
13	313,67	58	-1	-1	-2	-2		
10	313,65	31						
4	313,64	11	0	0	0	0		

13	319,91	-1	-1	-2	-2	-2	-5	<u>319,86</u>
14	319,90	13	1	0	0	-1		
12	319,92	15	-1	-1	-2	-2		
10	319,90	31						
7	319,90	41	-1	-1	-1	-1		
14	323,35	+1	0	0	-1	-1	-4	<u>323,31</u>
12	323,36	42	-1	-1	-2	-2		
10	323,34	18						
13	323,36	40	-1	-2	-2	-2		
12	325,36	-1	-1	-2	-2	-2	-5	<u>325,34</u>
11	325,37	20	-1	-1	-1	-1		
10	325,35	28						
13	325,35	27	-1	-2	-2	-2		
14	325,35	25	0	0	-1	-1		
	314,92	0						314,92
	314,86	15						
	314,92	58						
	314,95	27						
	319,78	-1						319,77
	319,80	16						
	319,78	19						
	319,77	43						
	319,75	22						

# Krökká

BK-1 mæld með þríhyrningi

10 555447.0 456588.0  
 12 555632.5 456975.5  
 ÷ 185.5 ÷ 387.5



sin β	Plát	Horn β	Stefnur	stefnuhorn α	Lengd	Sind Cosd	Δy	Δx	ordinat	abseissa	Heð
0.491318	10	÷ 2 29 25 40	12~10	205 34 51	429.6	0.819236			555447.0	456588.0	325.90
0.726162	BK-1	÷ 1 133 25 57	10~BK-1	55 00 29	174.36	0.573507	142.8	100.0	555589.8	456688.0	323.02
0.294716	12	÷ 2 17 08 28	BK-1~12	8 26 25	290.7	0.146778 0.989169	42.7	287.5	555632.5	456975.5	
		180 00 05 180 00 00 ÷ 5		205 34 51			185.5 185.5	387.5 387.5			

$BK-1 \sim 12 = 0.491318 \cdot \frac{429.6}{0.726162} = 290.665$   
 $\lg \alpha = \frac{185.5}{387.5} = 0.47870967 \Rightarrow \alpha = 25^\circ 34' 51''$

$BK-1 \sim 10 = 0.294716 \cdot \frac{429.6}{0.726162} = 174.355$

