



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 3368	Intern Journal nr	Internt arkiv nr Boks nr 20	Rapport lokalisering Nordland	Gradering
Kommer fra ..arkiv	Ekstern rapport nr BNN	Oversendt fra	Fortrolig pga	Fortrolig fra dato:
Tittel Målinger Mofjell Grube. Nr. 1				
Forfatter		Dato 19	Bedrift Bergverkselskapet Nord-Norge A/S	
Kommune Rana	Fylke Nordland	Bergdistrikt Nordlandske	1: 50 000 kartblad	1: 250 000 kartblad
Fagområde	Dokument type	Forekomster		
Råstofftype	Emneord			
Sammendrag				

Linse 2 Ost

St	Azimuth	Δx	Δy	X	Y	Heng	L. 93
8y	295,178			-180,287	1608,969	-45,027	
9y	200,740			+2,437	+37,971	-1,486	
1x	95,918	+2,437	37,971	-177,850	1646,940	-46,513	51,5
9y	295,918			-177,850	1646,940		
1x	199,573			+3,018	+45,593		
2x	95,791	+3,018	+45,593	-174,832	1692,533	-49,721	53,7
1x	295,791			-174,832	1692,533	-49,721	
2x	207,268			-0,426	+8,860	-0,361	
3x	103,059	-0,426	+8,860	-175,258	+1701,393	-50,082	54,2
2x	303,059			-175,258	+1701,393	-50,082	
3x	137,174			+10,447	+14,268	-0,740	
Hpl	40,233	+10,447	+14,268	-164,811	1715,661	-50,822	
2x	303,059			-175,258	+1701,393	-50,082	
3x	399,100			+0,640	-18,880	-0,480	
Hp2	302,159	+0,64	-18,88	-174,618	+1682,513	50,562	
2x	303,059			-175,258	+1701,393	-50,082	
3x	200,010			-1,997	+41,406	-1,112	
4x	103,069	-1,997	+41,406	-177,255	+1742,799	-51,194	55,03
2x	303,391			-177,255	+1742,799	-51,194	
4x	198,635			-1,290	+40,558	-0,282	
5x	102,026	-1,29	+40,558	-178,545	+1783,357	-51,476	56,0
4x	302,026			-178,545	+1783,357	-51,476	
5x	100,556			+12,931	+0,524	+0,455	
6y	2,582	+12,931	+0,524	-165,614	+1783,881	-51,021	56-
5x	202,582			-165,614	+1783,881	-51,021	
6y	304,474			-3,937	+35,378	-1,729	
7y	107,056	-3,937	+35,378	-169,551	+1819,259	52,750	57,30
4x	302,026			-178,545	+1783,357	-51,476	
5x	200,250			-1,209	+33,817	-2,033	
6x	102,276	-1,209	+33,817	-179,754	+1817,174	-53,511	58-

Forts. side 3

1. plugg linse 2.

$$\frac{99 - 1x = 38,11 - 3,57}{\div 2,136} = 38,05$$

$$\frac{1^x - 2^x = 45,75 \div 3,13}{\div 2,248} = 45,694$$

$$\frac{2^x - 3^x = 8,88 \div 3,094}{\div 0,431} = 8,87$$

$$\frac{3^x - H_{p1} = 17,73 + 4,51}{+ 1,255} = 17,685$$

$$\frac{3^x - H_{p2} = 18,90 + 0,41}{+ 0,122} = 18,900$$

$$\frac{3^x - 4^x = 41,46 - 0,91}{\div 0,592} = 41,456$$

$$\frac{4^x - 5^x = 40,59 \div 1,407}{\div 0,897} = 40,579$$

$$\frac{5^x - 6^x = 12,955 + 2,758}{+ 0,56} = 12,942$$

$$\frac{6^x - 7^x = 35,68 \div 4,338}{- 2,429} = 35,597$$

$$\frac{5^x - 6^x = 33,935 - 4,78}{- 2,545} = 33,839$$

$$\begin{aligned} S_{2-4} &= B_{1-4} + S_{1-2} \\ S_{2-4} &= 207,6 + 95,791 = \\ &= 303,391 \end{aligned}$$

3	Forts. fra side 1		Linse 2		ast			
st	Azimuth	Δx	Δy	X	Y	Heng	Ligg	
6y	307,056			-169,551	1819,259	-52,750		
7y	168,932			+4,603	+11,618	-1,337	58,5	
8y	75,988 + 4,603		11,618	-164,948	1830,877	-54,087		
8y	75,988			-169,551	1819,259	-52,750		
7y	48,076			-7,138	+17,997	-2,031		
7x	124,064 - 7,138		+17,977	-176,689	+1837,236	-54,781	58,76	
7y	124,064			-176,689	1837,236	-54,781		
7x	176,238			-0,086	+18,131	+0,089		
8x	100,302 - 0,086		+18,131	-176,775	1855,367	-54,870	59,50	
7x	100,302			-176,775	1855,367	-54,870		
8x	143,469			+12,226	+10,041	+0,847		
9y	43,771 + 12,226		+10,041	-164,549	1865,408	-54,023	59,20	
7x	100,302			-176,775	1855,367	-54,870		
8x	199,764			-0,027	26,232	-0,795		
9x	100,066 - 0,027		+26,232	-176,802	1881,599	-55,665	60,27	
7x	100,302			-176,775	1855,367	-54,87		
8x	224,081			-9,527	+23,645	-1,30		
10x	124,383 - 9,527		+23,645	-186,302	1879,012	-56,17	60,60	
8x	124,383			-186,302	1879,012	-56,170		
10x	192,200			-4,904	+18,400	-2,251		
11x	116,583 - 4,904		+18,400	-191,206	1897,412	-58,421	62,90	
7x	100,302			-176,775	1855,367	-54,870		
8x	269,801			-11,694	+5,935	-0,894		
8x	170,103 - 11,694		+5,935	-188,469	1861,302	-55,764	60,78	
8x	170,103			-188,469	1861,302	-55,764		
9x	158,600			-11,429	23,608	-2,781	62,90	
9x	128,703 - 11,429		+23,608	-199,898	1884,910	-58,545	-2,90	
8x	100,066			-176,802	1881,599	-55,665		
9x	201,716			-0,800	28,572	-2,013		
10y	101,782 - 0,80		+28,572	-177,602	1910,171	-57,678	62,00	

$$\frac{74 - 83 = 12.545 \cdot \div 5,55}{-1,092} = 12,497$$

$$\frac{74 - 7^x = 19,345 \cdot \div 1,09}{-0,331} = 19,342$$

$$\frac{75 - 8^x = 18,150 \cdot 102,927}{\div 0,834} = 18,131$$

$$a_2 = a_1 + b - 200$$

$$\frac{8^x - 9y = 15,885 \cdot 94,31}{+ 1,417} = 15,821$$

$$s_2 = s_1 + \beta \div 200$$

$$\frac{8^x - 9^x = 26,25 \cdot 102,319}{- 0,955} = 26,232$$

$$\frac{8^x - 10^x = 25,50 \cdot 101,549}{\div 0,620} = 25,492$$

$$\frac{10^x - 11^x = 19,215 \cdot 108,559}{- 2,576} = 19,042$$

$$\frac{8^x - 8^z = 13,215 \cdot 107,868}{- 1,629} = 13,114$$

$$\frac{8^z - 9^z = 26,33 \cdot 105,583}{- 2,306} = 26,229$$

$$\frac{9^x - 10y = 28,635 \cdot 103,844}{- 1,728} = 28,583$$

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Lin 3 ØST søndre ørt

St	Azimuth	Δx	Δy	X	Y	Heng	Ligg
285	117,119			-199,805	2224,846	-83,830	
299	247,955			-10,542	+6,443	-1,055	
30 ^x	165,074	-10,542	+6,443	210,347	2231,289	-84,885	89,14
293	165,074			-210,347	2231,289	-84,885	
30 ^x	149,707			-4,164	+17,613	+0,368	
31 ^x	114,781	-4,164	+17,613	-214,511	2248,902	-84,517	88,82
30 ^x	114,781			-214,511	2248,902	-84,517	
31 ^x	180,338			+1,146	+14,926	+0,852	
32 ^x	95,119	+1,146	+14,926	-213,365	2263,828	-83,665	-88,26
31 ^x	95,119			-213,365	2263,828	-83,665	
32 ^x	209,922			-3,499	+44,100	+1,274	
33 ^x	105,041	-3,499	+44,100	-216,864	2307,928	-82,391	86,90
32 ^x	105,041			-216,864	2307,928	-82,391	
33 ^x	190,097			+2,421	+31,644	+1,455	
34 ^x	95,138	+2,421	+31,644	-214,443	2339,572	-80,936	85,88
33 ^x	95,138			-214,443	2339,572	-80,936	
34 ^x	206,590			-0,804	29,595	-0,342	
35 ^x	101,728	-0,804	+29,595	-215,247	2369,167	-81,278	86,14
33 ^x	95,138			-214,443	2339,572	-80,936	
34 ^x	208,544			-0,855	14,773	-0,605	
Hpr	103,682	-0,855	+14,773	-215,298	2354,345	-81,541	86,08
34 ^x	101,728			-215,247	2369,167	-81,278	
35 ^x	194,704			+1,796	32,013	+1,927	
36 ^x	96,432	+1,796	+32,013	-213,451	2401,180	-79,351	84,65
34 ^x	101,728			-215,247	2369,167	-81,278	
35 ^x	154,455			+7,305	8,882	-0,168	
Hpr	56,183	+7,305	+8,882	-207,942	2378,049	-81,446	85,85
33y							
35 ^x	96,432			-213,451	2401,180	-79,351	
36 ^x	192,168			+3,890	+21,490	+0,913	
37 ^x	88,600	+3,890	+21,490	-209,561	2422,670	-78,438	83,74

Anmerkung

$$\frac{299 - 30^* = 12,390 \cdot 104,786}{-0,930}$$

12,355

$$\frac{30^* - 31^* = 18,100 \cdot 100,43}{-0,122}$$

18,099

$$\frac{31^* - 32^* = 14,98 \cdot 97,675}{+0,547}$$

14,970

$$\frac{32^* - 33^* = 44,25 \cdot 98,556}{+1,004}$$

44,239

$$\frac{33^* - 34^* = 31,75 \cdot 98,195}{+0,900}$$

31,737

$$\frac{34^* - 35^* = 29,61 \cdot 101,005}{-0,467}$$

29,606

$$\frac{34^* - HpA = 14,805 \cdot 101,934}{-0,45}$$

14,798

$$\frac{35^* - 36^* = 32,08 \cdot 97,911}{+1,052}$$

32,063

$$\frac{35^* - HpB = 11,500 \cdot 99,960}{+0,007}$$

11,500

$$\frac{36^* - 37^* = 21,85 \cdot 97,951}{+0,703}$$

21,839

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7. Linse 3 midtre ort

St.	Azimuth	Δx	Δy	X	Y	Heng	Ligg
289	117,119	Gar		199,805	2224,846	-83,830	
299	173,650			+ 1,980	+ 13,590		
309	90,769						

299
309
319

309
319
HpA

Anmerkungen

$$\frac{299 - 384 - 0.00 \text{ PS} - 106,108}{-0,671} =$$

13.734

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Linse 3. mittre ort

ST	Azimuth	Δx	Δy	X	Y	Heng	L.39
289	117,119			-199,805	2224,846	-83,830	
299	173,650			+ 1,980	+ 13,560	- 1,629	
309	90,769	+1,980	+13,560	-197,825	2238,406	-85,459	89,46
299	90,769			-197,825	2238,406	-85,459	
309	219,827			- 3,281	+ 19,530	+ 0,516	
319	110,596	-3,281	+19,530	-201,106	2257,936	-84,943	-89,54
309	110,596			-201,106	2257,936		
319	168,991			+ 3,667	+ 11,041		
HpA	79,587	+3,667	+11,041	-197,439	2268,977		
289	117,119			-199,805	2224,846	-83,830	
299	157,650			+ 10,518	+ 25,135	- 1,540	
302	74,769	+10,518	+25,135	-189,287	2249,981	-85,370	
32x	105,041			-216,864	2307,928	-82,391	
33x	59,256			+ 12,718	- 7,988	- 1,150	
329	364,297	+12,718	-7,988	-204,146	2299,940	83,541	88,44
33x	364,297			-204,146	2299,940	-83,541	
329	335,212			+ 0,191	+ 24,808	+ 0,471	
339	99,509	+0,191	+24,808	-203,955	2324,748	-83,070	87,77
329	99,509			-203,955	2324,748	-83,070	
339	164,466			+ 16,193	+ 25,493	+ 1,040	
349	63,975	+16,193	+25,493	-187,762	2350,241	-82,030	
339	63,975			-187,762	2350,241	-82,030	
349	292,711			- 12,321	+ 39,632	+ 1,285	
359	116,686	-12,321	+39,632	-198,394	2389,873	-80,745	85,79
349	116,686			-198,394	2389,873	-80,745	
359	196,855			- 14,111	+ 22,738	+ 1,756	
HpC	113,541	-14,111	+22,738	-203,305	2412,611	-78,719	84,08
339	113,541			-203,305	2412,611	-78,719	
HpC	166,414			+11,111	+34,569	+ 0,041	
369	80,035	+11,111	+34,569	-192,294	2447,180	-78,678	

$$\frac{29^{\circ} - 30^{\circ} = 105,188 \cdot 13,75}{-1,119} =$$

13,704

105,188 = Vertikal vinkel

$$\frac{30^{\circ} - 31^{\circ} = 19,82 \cdot 102,519}{-0,784} =$$

19,804

$$\frac{31^{\circ} - H_{PA} = 11,635 \cdot 100,639}{-0,116} =$$

11,634

Henghøyde ikke beregnet

$$\frac{29^{\circ} - 30^{\circ} = 27,28 \cdot 103,108}{-1,330} =$$

27,247

Nordre ort

$$\frac{33^{\circ} - 32^{\circ} = 15,05 \cdot 104,080}{-0,964} =$$

15,019

$$\frac{32^{\circ} - 33^{\circ} = 24,81 \cdot 100,664}{-0,259} =$$

24,809

$$\frac{33^{\circ} - 34^{\circ} = 57,22 \cdot 97,223}{+1,080} =$$

30,201

$$\frac{34^{\circ} - 35^{\circ} = 41,05 \cdot 95,746}{+1,195} =$$

41,033

$$\frac{35^{\circ} - H_{PC} = 23,33 \cdot 94,124}{+1,781} =$$

23,262

$$\frac{H_{PC} - 36^{\circ} = 26,41 \cdot 94,084}{+2,231} =$$

36,342

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Linse 3 sör vest

St	Azimuth	Δx	Δy	X	Y	Heng	Ligg
184	99,914			-212,860	1942,937	-81,939	
194	199,384			+ 0,182	+ 16,521	+ 0,387	
194	99,298	+ 0,182	+ 16,521	-212,678	1959,458	-81,552	86,40
194	99,298			-212,678	1959,458	-81,552	
194	306,974			- 13,504	- 1,335	- 0,225	
16	206,272	-13,504	- 1,335	-226,182	1958,123	-81,777	86,30
194	206,272			-226,182	1958,123	-81,777	
16	296,510			+ 1,272	- 29,081	+ 1,494	
26	302,782	+1,272	-29,081	-224,91	1929,042	-80,283	

$$\frac{194 - 19^A = 16,53 \cdot 101,921}{-0,498} =$$

16,552

Gått ut fra. b. Lstoll

$$\frac{19^A - 1b = 13,57 \cdot 100,445}{-0,095} =$$

13,570

$$\frac{1b - 2b = 29,135 - 97,339}{+1,219} =$$

29,109

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Linse 3 Nordvest

ST	Azimuth	Δx	Δy	X	Y	Heng	Ligg
13y	99,914			- 212,860	1942,937	- 81,939	
19y	199,384			+ 0,182	+ 16,521	+ 0,387	
19A	99,298	+ 0,182	+ 16,521	- 212,678	1959,458	- 81,552	
19y	99,298			- 212,678	1959,458	- 81,552	
19A	88,545			+ 8,711	+ 1,684	- 1,027	
1A	387,843	+ 8,711	- 1,684	- 203,967	1957,774	- 82,579	84,07 86,07
19A	387,843			- 203,967	1957,774	- 82,579	
1A	128,417			+ 4,860	+ 18,613	+ 0,934	
2A	316,260	+ 4,860	- 18,613	- 199,107	1939,161	- 81,645	86,40
1A	316,260			- 199,107	1939,161	- 81,645	
2A	181,457			- 0,384	- 10,708	- 0,091	
3A	297,717	- 0,384	- 10,708	- 199,491	1928,453	- 81,736	86,30
2A	297,717			- 199,491	1928,453	- 81,736	
3A	199,256			- 1,327	- 27,880	+ 2,259	
4A	296,973	- 1,327	- 27,880	- 200,818	1900,573	- 79,472	84,20

$$\frac{199 - 19A = 16,53 \cdot 101,921}{-0,498} = 16,522$$

$$\frac{19A - 1^A = 8,875 \cdot 101,060}{-0,147} = 8,873$$

$$\frac{1A - 2A = 19,24 \cdot 100,750}{-0,226} = 19,238$$

$$\frac{2A - 3A = 10,72 \cdot 98,162}{+0,309} = 10,715$$

$$\frac{3A - 4A = 27,97 \cdot 95,903}{+1,799} = 27,912$$

Gått ut fra
bilstoll

$$S_2 = S_1 + B - 200 + 400$$

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Linse 2

Forts fra side 3

St	Azimuth	Δx	Δy	X	Y	Heng	Ligg
10x	116,583	0	LL	-191,206	1897,412	-58,421	
11x	181,728			+0,665	+25,074	-1,508	
12x	98,311	+0,665	+25,074	-190,541	1922,486	-59,929	64,78
8x	128,703			-199,898	1884,910	-58,545	
9x	172,992			-0,798	+29,960	-1,089	
10x	101,695	-0,798	+29,960	-200,696	1914,870	-59,634	64,46
9x	328,703			-188,469	1861,302	-55,764	
8x	105,656			-8,408	-5,037	-1,960	
Hpl	234,359	-8,408	-5,037	-196,877	1856,265	-57,724	61,50
9x	101,782			-177,602	1910,171	-57,678	
10x	198,411			-0,066	21,823	-0,440	
11x	100,193	-0,066	+21,823	-177,668	1931,994	-58,118	63,01
10x	100,193			-177,668	1931,994	-58,118	
11x	203,188			-2,093	+39,370	-0,086	
12x	103,381	-2,093	+39,370	-179,761	1971,364	-58,204	63,20
10x	116,583			-191,206	1897,412	-58,421	
11x	182,360			+0,651	+39,207	-1,893	
12x	98,943	+0,651	+39,207	-190,555	1936,619	-60,264	64,76
11x	98,943			-190,555	1936,619	-60,264	
12x	201,101			-0,016	+23,140	+0,446	
13x	100,044	-0,016	+23,140	-190,571	1959,759	-59,818	65,67
12x	100,044			-190,571	1959,759	-59,818	
13x	207,466			-3,761	+31,738	0,243	
14x	107,510	-3,761	+31,738	-194,332	1991,497	-59,525	64,05
11x	103,381			-179,761	1971,364	-58,204	
12x	200,015			-1,571	+29,426		
13x	103,396	-1,571	+29,426	-181,331	2000,790		
13x	100,044			-190,571	1959,759	-59,818	
14x	249,437					+0,257	
12x	149,481	-8,837	+8,982	-199,408	1968,741	-59,561	64,36
11x	149,481					-59,561	
12x	159,306					-0,28	
13x	108,787	-5,650	+40,674	205,058	2009,415	-59,84	63,94

$$\frac{11^x - 12^x = 25.15 \cdot 104.645}{\text{Car} - 1.833} = 25.083 \quad \text{Forts. fra side 3}$$

$$\frac{9^x - 10^x = 29.995 \cdot 102.556}{-1.204} = 29.971$$

$$\frac{8^x - H_{p1} = 9.82 \cdot 103.992}{-0.615} = 9.801$$

$$\frac{10^x - 11^x = 21.87 \cdot 104.194}{-1.440} = 21.823$$

$$\frac{11^x - 12^x = 39.43 \cdot 100.85}{-0.526} = 39.426$$

$$\frac{11^x - 12^x = 39.29 \cdot 104.001}{-2.468} = 39.212$$

$$\frac{12^x - 13^x = 23.14 \cdot 99.790}{+0.076} = 23.14$$

$$\frac{13^x - 14^x = 31.96 \cdot 99.814}{+0.093} = 31.96$$

$$\frac{12^x - 13^x = 29.52 \cdot 96.936}{1.705} = 29.468$$

$$\frac{14^x - 12^x = 12.60 \cdot 100.468}{-0.093} = 12.60$$

$$\frac{12^x - 13^x = 41.07 \cdot 99.053}{+0.611} = 41.065$$

Forts. frags. S		Linse 3 sør øst				Høyde heng	Høyde Ligg
17		Δx	Δy	x	y		
36 ^x	88,600			-209,561	2422,670	-78,438	
37 ^x	213,090			-0,594	22,357	+0,063	
38 ^x	101,690	-0,594	+22,357	-210,155	2445,027	-78,375	83,57
36 ^x	88,600			-209,561	2422,670	-78,438	
37 ^x	46,391			+6,197	-10,117	-0,538	
HpC	334,991	+6,197	-10,117	-203,364	2412,553	-78,976	84,08
36 ^x	88,600			-209,561	2422,670	-78,438	
37 ^x	210,767			+0,310	+31,268	+0,001	
38 ^x	99,367	+0,311	+31,268	-209,251	2453,938	-78,439	83,49
37 ^x	99,367			209,251	2453,938	-78,439	
38 ^x	196,629			+1,288	20,459	-	
39 ^x	95,996	+1,288	+20,459	-207,963	2474,397	-78,523	83,20
38 ^x	95,996			-207,963	2474,397	-78,523	
39 ^x	180,821			+8,498	22,294	-	
40 ^x	76,817	+8,498	+22,294	-199,465	2496,691	-78,35	83,0
39 ^x	76,817			-199,465	2496,691	-	
40 ^x	125,700			+13,270	+0,525	-	
BH	2,517	+13,270	+0,525	-186,195	2497,216	-	
39 ^x	76,817			-199,465	2496,691	-	
40 ^x	201,806			+7,536	+21,593	-	
41 ^x	78,623	+7,536	+21,593	-191,929	2518,294	-	
39 ^x	76,817			-199,465	2496,691	-	
40 ^x	254,995			+6,138	16,738	-	
12	131,812	-9,138	+16,738	-208,603	2513,429	-78,656	82,90

$$\frac{37^x - 38^x \cdot 22,365 \cdot 100,077}{-0,027}$$

$$= 22,365$$

$$\frac{37^x - H_{PC} = 11,89 \cdot 104,220}{-0,778}$$

$$= 11,864$$

$$\frac{37^x - 38^x = 31,27 \cdot 99,860}{+0,069}$$

$$= 31,270$$

$$\frac{38^x - 39^x = 20,50 \cdot 99,827}{+0,056}$$

$$= 20,500$$

$$\frac{39^x - 40^x = 23,86 \cdot 100,552}{-0,207}$$

$$= 23,859$$

$$\frac{40^x - \text{Berhull nr } 13,50 \cdot 88,5}{+2,425} =$$

$$13,28$$

Berhull nr 7001

$$\frac{40^x - 41^x = 22,87 \cdot 101,235}{-0,444}$$

$$= 22,866$$

$$\frac{40^x - 12 = 19,07 \cdot 100,023}{+0,007}$$

$$= 19,070$$

19

ST Δx

Höhe

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$$\frac{1}{2}$$

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b.h

21

Diamantbortull på Mofjellet

ST	Asimuth	Δx	Δy	X	Y	Høyde
9	290,427			-187,477	+2485,904	211,140
10	95,200				-4,850	-5,364
11	385,627	+21,114	-4,850	-166,363	2481,054	205,776
10	385,627				2481,054	205,776
11	315,030				+33,711	+0,043
12	100,657	-0,348	+33,711	-166,711	2514,765	205,849
11	100,657				2514,765	205,849
12	198,430				+47,713	-1,120
13	99,087	+0,684	+47,913	-166,027	2562,478	204,729
12	99,087				2562,478	
13	193,811				47,177	
14	92,898	+5,285	+47,177	-160,742	2609,655	204,907
13	92,898				2609,655	
14	217,100				+32,637	
15	109,998	-5,168	+32,637	-165,910	2642,292	204,817
14	109,998				2642,292	
15	184,891				37,774	
16	94,889	+3,039	+37,774	-162,871	2680,066	204,563
15	94,889				2680,066	
16	211,913				+44,102	
17	106,802	-4,730	+44,102	-167,601	2724,168	-197,286
16	106,802				2724,168	
17	216,114				+24,856	
18	122,916	-9,355	+24,856	-176,956	2749,024	-195,229
17	122,916				2749,024	
18	178,851				+49,874	
19	101,767	-1,385	+49,874	-178,341	2798,898	-195,688
18	101,767				2798,898	
19	208,342				+47,976	
20	110,109	-7,683	+47,976	-186,024	2846,874	200,555
19	110,109				2846,874	
20	197,310				+43,716	
21	107,419	-5,118	+43,716	-191,142	2890,590	203,612

$$\begin{array}{r} 10-11 = 22.45 \cdot 116.892 \\ - 3.699 \\ - 5.887 \\ \hline \end{array} = 21.664$$

$$\begin{array}{r} 11-12 = 33.73 \cdot 102.015 \\ - 1.067 \\ \hline \end{array} = 33.713$$

$$\begin{array}{r} 12-13 = 47.75 \cdot 102.320 \\ - 1.740 \\ \hline \end{array} = 47.718$$

$$\begin{array}{r} 13-14 = 47.48 \cdot 101.156 \\ - 0.862 \\ \hline \end{array} = 47.472$$

$$\begin{array}{r} 14-15 = 33.07 \cdot 102.542 \\ - 1.32 \\ \hline \end{array} = 33.044$$

$$\begin{array}{r} 15-16 = 37.92 \cdot 102.274 \\ - 1.354 \\ \hline \end{array} = 37.896$$

$$\begin{array}{r} 16-17 = 44.82 \cdot 109.175 \\ - 6.437 \\ \hline \end{array} = 44.355$$

$$\begin{array}{r} 17-18 = 27.05 \cdot 112.163 \\ - 5.137 \\ \hline \end{array} = 26.558$$

$$\begin{array}{r} 18-19 = 49.90 \cdot 101.035 \\ - 0.811 \\ \hline \end{array} = 49.893$$

$$\begin{array}{r} 19-20 = 48.63 \cdot 97.333 \\ + 2.037 \\ \hline \end{array} = 48.587$$

$$\begin{array}{r} 20-21 = 44.12 \cdot 95.615 \\ + 3.037 \\ \hline \end{array} = 44.015$$

23

Målinger på Mafjellet

ST	Asimuth	Δx	Δy	X	Y	Höyde
20	107,419				2890,590	
21	175,635				+ 45,220	
22	83,054	+12,33	+45,220	+78,812	2935,810	205,383
21	83,054				2935,810	
22	207,257				+ 47,606	
23	90,311	+7,302	+47,606	+171,510	2983,416	204,707
22	90,311				2983,416	
23	206,360				+ 16,435	203,078
24	96,671	+0,860	+16,435	+170,650	2999,851	205,224
23	296,671				2999,851	
24	42,520				- 8,890	
B.H	339,191	+6,288	-8,890	<u>164,362</u>	<u>2990,961</u>	201,925
23	296,671			+170,650	2999,851	
24	182,108			+11,890	+30,340	
25	78,779	+11,89	34,340	+52,472 158,760	3034,191	198,385
24	78,779					
25	213,742					
26	92,521	+5,069	+42,951	+47,403 153,691	3077,142	194,699
25	92,521					
26	213,890					
27	106,411	-4,325	+42,802	+51,728 158,016	3119,944	193,397
26	106,411					
27	197,540					
28	103,951	-2,587	+41,636	+54,316 160,603	3161,580	192,390
27	103,951					
28	198,290					
29	102,241	-1,224	+34,763	+55,539 161,827	3196,343	193,731
28	102,241					
29	210,325					
30	112,566	-9,348	+46,743	+79,175	3243,086	196,290
29	112,566					
30	210,585					
31	123,151	-17,542	46,093	+188,717	3289,179	203,202

$$\begin{array}{r} 21-22 = 46.90 \cdot 98.745 \\ + 1.661 \end{array} = 46.871$$

$$\begin{array}{r} 22-23 = 48.17 \cdot 101.065 \\ - 0.806 \end{array} = 48.163$$

$$\begin{array}{r} 23-24 = 16.46 \cdot 98.853 \\ + 0.297 \end{array} = 16.457$$

$$\begin{array}{r} 24-\text{borhull} = 11.05 \cdot 110.880 \\ - 1.879 \end{array} = 10.889 \quad \text{Borhull nr 7501}$$

$$\begin{array}{r} 24-25 = 36.88 \cdot 110.910 \\ - 6.289 \end{array} = 36.340$$

$$\begin{array}{r} 25-26 = 43.40 \cdot 105.310 \\ - 3.616 \end{array} = 43.249$$

$$\begin{array}{r} 26-27 = 43.05 \cdot 102.37 \\ - 1.602 \end{array} = 43.020$$

$$\begin{array}{r} 27-28 = 41.72 \cdot 100.88 \\ - 0.577 \end{array} = 41.716$$

$$\begin{array}{r} 28-29 = 34.80 \cdot 98.15 \\ + 1.011 \end{array} = 34.785$$

$$\begin{array}{r} 29-30 = 47.78 \cdot 95.655 \\ + 3.259 \end{array} = 47.669$$

$$\begin{array}{r} 30-31 = 49.61 \cdot 93.093 \\ + 5.372 \end{array} = 49.318$$

25 Målinger på Møjllet

ST	Asimuth	Δx	Δy	x	y	Höyde
30	123,151					
33	177,724					
32	100,875	-0,644	46,828	189,361	3336,007	206,222
33	100,875					
30	200,377					
39	101,252	-0,816	+41,508	190,177	3377,515	209,547
39	101,252					
33	192,076					
36	93,328	+4,977	+47,319	185,200	3424,834	210,649
39	93,328					
36	208,369					
BH	101,697	-0,671	+25,151	185,871	3449,985	211,855
34	101,697					
35	158,784					
36	60,481	+9,953	+13,919	175,918	3463,904	212,251
35	60,481					
36	167,860					
BH	28,341	+13,700	+6,537	-162,218	3470,441	208,279
Ski- stua	322,875			44874,49	925416,62	212,93
TP84	288,181			+ 7,599	+ 43,315	
37	11,056	+43,315	+7,599	44882,089	925459,935	
TP84	11,056			44882,089	925459,935	
37	174,620					
berh.	385,676	+41,480	-9,494	44872,595		
Ski- stua	322,875			925,416,62	44,874,49	212,93
TP84	288,181			+ 43,315	+ 7,599	
37	11,056	+43,315	+7,599	925,459,935	44,882,089	201,654
TP84	11,056			925,459,935	44,882,089	201,654
37	174,620			+ 41,480	- 9,494	
b.h	385,676	+41,480	-9,494	925,501,415	44,872,595	196,211
						193,711

7601

$$\begin{array}{r} 31-32 = 46,96 \cdot 95,291 \\ + 3,470 \end{array}$$

46,832

$$\begin{array}{r} 32-33 = 41,57 \cdot 96,760 \\ + 2,115 \end{array}$$

41,516

$$\begin{array}{r} 33-34 = 47,58 \cdot 100,185 \\ - 0,138 \end{array}$$

47,58

$$\begin{array}{r} 34-FM35 = 25,16 \cdot 100,39 \\ - 0,154 \end{array}$$

25,16

35-36 er sikkert

$$\begin{array}{r} FM35-FM36 = 17,14 \cdot 103,730 \\ - 1,004 \end{array}$$

17,111

$$\begin{array}{r} FM36-borhull = 15,80 \cdot 117,889 \\ - 4,382 \end{array}$$

15,18

Diamantborhull nr.

7502

$$\begin{array}{r} Tp84-37 = 45,78 \cdot 117,933 \\ - 12,726 \end{array}$$

43,976

$$\begin{array}{r} 37-borhull 43,10 \cdot 110,150 \\ - 6,843 \end{array}$$

42,553

Beregningene av borhull nr

er

foretatt på grunnlag av de oppgitte høyder og

koordinatene. S. Skistua - Tp84 blir da

322,8259

Høyden = + 212,93

St	Hs. muth	Δx	Δy	x	y	Heng	Lsg
27						59.525	
14x	107.510			-194.332	1991.497	-59.245	
15x	199.921			-4.696	40.074	-0.239	
16x	107.431			-1.031	2031.571	-59.764	63.80
11y	103.381			-179.761	1971.364	-58.204	
12y	201.010			-2.030	+29.381	+2.17	
13y	104.391	-2.030	+29.381	-181.791	+2000.745	-56.034	61.1
12y	104.391			-181.791	+2000.745	-56.034	
13y	166.475			+10.673	+21.671	+1.128	
14y	70.866	+10.673	+21.671	-171.118	2022.416	-54.906	60.1
12y	104.391			-171.118	2000.745	-56.034	
13y	213.155			-8.521	+30.130	-1.277	
1	117.546	-8.521	+30.130	-179.639	2030.875	-57.311	
13y	70.866			-171.118	2022.416	-54.906	
14y	211.973			+5.641	+20.418	+2.332	
15y	82.839	+5.641	20.418	-165.477	2042.834	-52.574	
13y	70.866			-171.118	2022.416		
14y	245.717			-6.677	25.050		
1a	116.583	-6.677	+25.050	-177.795	2047.466	55.456	
14x	107.510			-194.332	1991.497	-59.525	
15x	199.914			-4.696	+40.086	-0.257	
16x	107.424	-4.696	+40.086	-199.028	2031.583	-59.782	63.9
14x	107.424			-199.028	2031.583	-59.782	
15x	190.130			+0.888	+23.113	-0.725	
16x	97.554	+0.888	+23.113	-198.140	2054.696	-60.507	64.60
15x	97.554			-198.140	2054.696	-60.507	
16x	190.576			+3.333	+17.670	-0.180	
17x	88.130	+3.333	+17.670	-194.807	2072.366	-60.687	65.20
15x	97.554			-198.140	2054.696	-60.507	
16x	143.587			+14.337	+10.814	+0.419	
1b	41.141	+14.337	+10.814	-183.803	2065.510	-60.088	65.0

NB 16x må måles inn på nytt

$$\begin{array}{r} 15x - 14x = 40,85 - 99,541 \\ + 0,291 \end{array}$$

40,349

$$\begin{array}{r} 12y - 13y = 29,52 - 95,641 \\ + 2,020 \end{array}$$

29,451

$$\begin{array}{r} 13y - 14y = 24,18 - 97,241 \\ + 1,048 \end{array}$$

24,157

$$\begin{array}{r} 13y - 12y = 31,32 - 101,416 \\ - 0,097 \end{array}$$

31,312

$$\begin{array}{r} 14y - 15y = 21,34 - 92,278 \\ + 2,582 \end{array}$$

21,183

$$\begin{array}{r} 14y - 1a = 25,93 - 101,226 \\ - 0,499 \end{array}$$

25,925

$$\begin{array}{r} 14x - 15x \\ + 5x - 16x = 40,36 - 99,893 \\ + 0,068 \end{array}$$

40,360

$$\begin{array}{r} 15x - 16x \\ + 6x - 17x = 23,15 - 102,655 \\ - 0,965 \end{array}$$

23,130

$$\begin{array}{r} 16x - 17x \\ + 7x - 18x = 18,00 - 106,879 \\ - 0,800 \end{array}$$

17,982

$$\begin{array}{r} 17x - 1h = 17,96 - 98,940 \\ + 0,299 \end{array}$$

17,958

Forts.

	North	Δx	Δy	x	y	cybde
35x	56.183			-207.942	2378.049	-81.446
HpB	183.505			+32.878	23.638	-0.230
34y	39.688	+32.873	+23.638	-175.069	2401.687	-81.676
HpB	39.688			-175.069	2401.687	-81.676
34y	221.366			+10.351	+14.744	-1.515
35y	61.034	+10.351	+14.744	-164.718	2416.431	-83.191
34y	61.034			-164.718	2416.431	-83.191
35y	245.269			-2.729	+27.477	-2.145
36y	106.303	-2.729	+27.477	-167.447	2443.908	-85.336

Linse III nordöst

30

$$\begin{array}{r} 112B - 344 = 40.49 \cdot 100.440 \\ - 0.280 \end{array}$$

40.489

Ligg

85.7

$$\begin{array}{r} 344 - 354 = 18.125 \cdot 107.021 \\ - 1.995 \end{array}$$

18.015

87.80

$$\begin{array}{r} 354 - 364 = 27.68 \cdot 104.454 \\ - 1.935 \end{array}$$

27.612

89.80

St	Azimuth	Δx	Δy	X	Y	dybde	Ligg
39*	76.817			-199,465	2496,691	-78,350	
40*	253.952			-10,437	19,886		83,0
1 ²	130.769	-10,437	+19,886	209,902	2516,577	-78,360	79,9
40*	130.769			209,902	2516,577	-78,360	
1 ²	155.849			+6,671	+31,269		78,60
2 ²	86.618	+6,671	+31,269	-203,231	2547,846	-74,594	76,7
1 ²	86.618			-203,231		74,594	
2 ²	180.437			+13,798	+24,240		75,0
3 ²	67.055	+13,798	+24,240	-189,433	+2572,086	70,533	7
2 ²	67.055			-189,433	25,72086	70,533	
3 ²	219.441			+5,197	+24,133		
4 ²	86.496	+5,197	+24,133	184,236	2596,219	66,759	
2 ²	67.055			-189,433	2572,086	-70,533	
3 ²	217.194			+4,927	+19,504	+3,012	
4 ²	84.249	+4,927	+19,504	-184,506	2591,590	67,521	72,1
3 ²	84.249			-184,506	2591,590	67,521	
4 ²	235.383			-9,418	+29,566	-0,811	
5 ²	119.632	-9,418	+29,566	-193,924	2621,156	68,332	73,4

3798
7,827

19 2.85

$$\frac{40x - 1^2 = 22.46 \cdot 99.064}{+0.33}$$

22.458

46 3.10

$$\frac{1^2 - 2^2 = 32.125 \cdot 93.795}{+3.126}$$

31.973

94 3.51

$$\frac{2^2 - 3^2 = 28.11 \cdot 92.074}{+3.491}$$

27.892

08 3.675

$$\frac{3^2 - 4^2 = 24.89 \cdot 91.847}{+3.179}$$

24.686

075 3.645

$$\frac{3^2 - 4^2 = 20.265 \cdot 92.310}{+2.442}$$

20.117

54 2.68

$$\frac{4^2 - 5^2 = 31.03 \cdot 99.899}{+0.049}$$

31.030

$$\begin{array}{r} 200 \\ 172 \\ \hline 821.5 \end{array}$$

$$\begin{array}{r} 896.35 \\ 211 \\ \hline 374.75 \end{array}$$

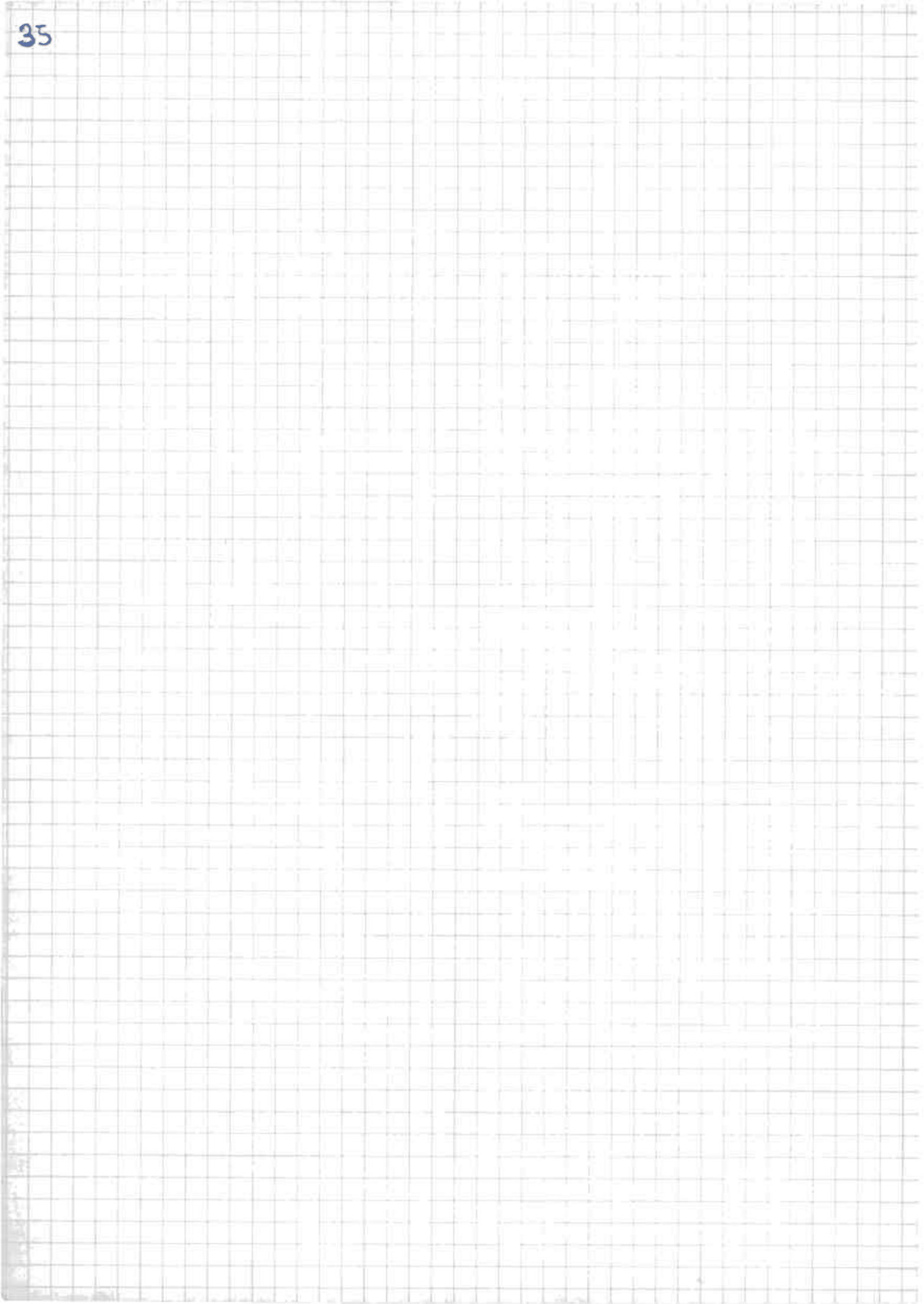
372.70

366.7

Linse III

Stas	azimuth	Δx	Δy	X	Y	dybde	Ligg
30*	105.935			925. 352.440	43. 721.680	-78.71	
33*	189.747			+ 2.151	+ 31.664		
34*	95.682	+2.151	+31.664	354.591	753.344	77.255	
33*	95.682						
34*	206.590			- 1.056	+29.587		
35*	102.272	-1.056	+29.587	353.535	782.931	77.597	
34*	102.272						
35*	194.704						
36*	96.976	+1.522	+32.027	355.057	814.958	-75.670	
35*	96.976						
36*	192.168						
37*	89.144	+3.706	+21.522	358.763	836.480	-74.757	
36*	89.144						
37*	210.767						
38*	99.911	+0.044	+31.27	358.807	867.750	-74.758	
37*	99.911						
38*	196.629						
39*	96.540	+1.296	+23.824	360.103	891.574	-74.84	
38*	96.540						
39*	180.821						
40*	77.361	+8.307	+22.366	368.410	913.940	-74.667	
39*	77.361						
40*	125.700						
6h	3.061	+13.265	+0.638	381.675	914.578		

I	S	Horisontalavstand og høydeforskjell	Anmerkninger
		$\begin{array}{r} 33^* - 34^* = 31,75 - 98,195 \\ + 0,900 \\ \hline = 31,737 \end{array}$	§ 30[*] - 33[*] er beregnet på grunnlag av de oppgitte koordinater fra kommunen.
		$\begin{array}{r} 34^* - 35^* = 29,61 - 101,005 \\ - 0,467 \\ \hline = 29,606 \end{array}$	Horisontalavstanden er tatt fra de tid- ligere beregninger
		$\begin{array}{r} 35^* - 36^* = 32,08 - 97,911 \\ + 1,052 \\ \hline = 32,063 \end{array}$	
		$36^* - 37^* = 21,839$	Ved sammenligning av § 34[*] - 35[*] i
		$37^* - 38^* = 31,27$	det gamle koordi- natnett ble det et avvik på +0,5449
		$38^* - 39^* = 20,500$	
		$39^* - 40^* = 23,859$	
		$40^* - \text{berthull} = 13,28$	



Innmåling av diamantbochull på Møffellet
Utgangspunkt Tp 84 og Skistua

Stas	Azimuth	Δx	Δy	x	y	h
Skistua	322,857					
Skistua	260,214			425 416,62	44 874,49	212,930
Tp 84	137,357			- 10,029	- 13,901	
35	260,214	-10,029	-13,901	406,591	860,589	212,476
Tp 84	260,214			406,591	860,589	212,476
35	241,590			+ 1,257	- 44,352	
34	301,804	+1,257	-44,352	407,848	816,237	210,280
35	301,804			407,848	816,237	210,280
34	185,521			- 6,977	- 34,581	
33	287,325	-6,977	-34,581	400,871	781,656	210,500
34	287,325			400,871	781,656	210,500
33	217,360			+ 3,458	- 46,900	
32	304,685	+3,458	-46,900	404,329	734,756	205,633
33	304,685			404,329	734,756	205,633
32	196,745			+ 1,020	- 45,420	
31	301,430	+1,020	-45,420	405,349	689,336	201,879
32	301,430			405,349	689,336	201,879
31	226,858			+ 18,493	- 38,843	
30	328,288	+18,493	-38,843	423,842	650,493	196,732
31	328,288			423,842	650,493	196,732
30	176,916			+ 3,772	46,044	
29	305,204	+3,772	-46,044	427,614	604,449	192,411
30	305,204			427,614	604,449	192,411
29	191,952			- 1,853	- 41,443	
28	297,156	-1,853	-41,443	425,761	563,006	191,736
29	297,156			425,761	563,006	191,736
28	190,430			- 8,786	- 44,487	
27	287,586	-8,786	-44,487	416,975	518,519	193,371

1 5

1.43

$$\frac{Tp84 - 35 \cdot 17.24 \cdot 106.824}{-1.844}$$

$$= 17.141$$

1.45

$$\frac{35 - 34 \cdot 44.62 \cdot 105.219}{-3.646}$$

$$= 44.37$$

1.47

$$\frac{34 - 33 \cdot 35.30 \cdot 102.255}{-1.250}$$

$$35.278$$

0.99

$$\frac{33 - 32 \cdot 47.39 \cdot 107.888}{-5.857}$$

$$47.027$$

0.99

$$\frac{32 - 31 \cdot 45.67 \cdot 106.513}{-4.664}$$

$$45.431$$

0.87

$$\frac{31 - 30 \cdot 43.44 \cdot 108.874}{-6.017}$$

$$43.021$$

1.06

$$\frac{30 - 29 \cdot 46.51 \cdot 107.382}{-4.864 - 5.381}$$

$$46.198$$

$$\cancel{41.241}$$

$$\frac{29 - 28 \cdot 41.52 \cdot 102.661}{-1.735}$$

$$41.484$$

$$\frac{28 - 27 \cdot 45.35 \cdot 99.109}{+0.635}$$

$$45.346$$

Anmerkninger

Skistua - Tp84

er regnet ut

på grunnlag av

koordinatene som er

oppgitt hos kommunen

Skistua - Tp84 =

322,875

Forsts neste side

35

Stas	Azimuth	Δx	Δy	x	y	H
				416.975		
28	287.586			416.975	518.519	193.371
27	190.474			-14.310	-39.866	
26	278.060	-14.310	-39.866	402.665	478.653	194.769
27	278.060			402.665	478.653	194.769
26	213.815			-4.442	-34.618	
25	291.875	-4.442	-34.618	398.223	444.035	198.911
26	291.875			398.223	444.035	198.911
25	153.726			-24.449	-21.284	
H	245.601	-24.449	-21.284	373.774	422.751	198.067
25	245.601			373.774	422.751	198.067
H	161.485			-36.980	-4.133	
bH	207.086	-36.98	-4.133	336.794	418.618	198.430
26	291.875			398.223	444.035	198.911
25	231.437			+10.187	-26.565	
24	323.312	+10.187	-26.565	408.410	417.470	203.559
25	323.312			408.410	417.470	203.559
24	228.274			113.983	13.303	
bH	351.586	+13.983	-13.303	422.399	404.167	202.508

(422.59)

404.738

$$\begin{array}{r} 27-26 = 42,36 \cdot 99,252 \\ + 0,498 \end{array}$$

42,357

$$\begin{array}{r} 26-25 = 35,04 \cdot 94,356 \\ + 3,102 \end{array}$$

34,902

$$\begin{array}{r} 25-A = 32,47 \cdot 103,676 \\ - 1,874 \end{array}$$

32,416

$$\begin{array}{r} A-\text{berhull} = 37,21 \cdot 100,32 \\ - 0,187 \end{array}$$

37,210

Hull nr 7503

$$\begin{array}{r} 25-24 = 28,68 \cdot 91,948 \\ + 3,618 \end{array}$$

28,451

$$\begin{array}{r} 24-\text{berhull} = 19,30 \cdot 99,805 \\ + 0,059 \end{array}$$

19,300

Hull nr 7501

37 Overgang t.l. N60's koord. net

Utgangspunkt i krysset Linse 2

St	Azimuth	Δx	Δy	X	Y	H
C	69,487			925,397,030	43,059,450	-43,62
B	222,670			+ 4,051	+ 32,716	
4	92,157	+ 4,051	+ 32,716	401,081	92,166	45,642
B	92,157			401,081	92,166	
4	206,087			+ 1,001	+ 36,269	
5	98,244	+ 1,001	+ 36,269	402,082	128,435	46,573
4	98,244			402,082	128,435	
5	209,637			- 4,063	+ 32,651	
6	107,881	- 4,063	+ 32,651	398,019	161,086	
5	107,881			398,019	161,086	
6	194,809			- 1,719	+ 40,663	
7	102,690	- 1,719	+ 40,663	396,300	201,749	
6	102,690			396,300	201,749	
7	203,372			- 2,851	+ 29,847	
8	106,062	- 2,851	+ 29,847	393,449	231,596	
7	106,062			393,449	231,596	
8	173,389			+ 3,979	+ 11,896	
9	79,451	+ 3,979	+ 11,896	397,428	243,492	
8	79,451			397,428		
9	223,356			- 1,163		
8x	102,807	- 1,163	+ 26,350	396,265	269,842	
9	102,807			396,265		
8x	177,526			- 0,137		
9x	100,333	- 0,137	+ 26,232	396,128	296,074	
8x	100,333			396,128		
9x	201,716			- 0,920		
10y	102,049	- 0,920	+ 28,568	395,208	324,642	
9x	102,049			395,208		
10y	193,411			- 0,158		
11y	100,460	- 0,158	+ 21,822	395,050	346,464	

I	S		
310	296	$B-4 = 33.02 \cdot 103.631$ $- 1.882$	$= 32.966$
269	247	$4-5 = 36.29 \cdot 101.248$ $- 0.711$	$= 36.283$
		$5-6 = 32.905 \cdot 100.730$ $- 0.377$	$= 32.903$
2185	2105	$6-7 = 40.71 \cdot 101.469$ $- 0.939$	$= 40.699$
242	297	$7-8 = 30.085 \cdot 105.239$ $- 2.473$	$= 29.983$
296	239	$8-9 = 12.55 \cdot 101.927$ $- 0.380$	$= 12.544$
225	337	$9-8^* = 26.42 \cdot 103.676$ $- 1.525$	$= 26.376$

$$8^* - 9^* = 26.232$$

$$9^* - 10^* = 28.583$$

+ længder

Vinkler og højdeforskjell tatt
fra foregående måling

$$10^* - 11^* = 21.823$$

Forts. n side

Anmerkninger



Punkt A og B er koord.-målestemt fra kommunen

Vinkel C er målt $\angle C-B$ fremkommers skilt

$$\angle B-A = 298.100 \quad \angle A-C = 98.100 + 8.711 \quad \angle A-C = 106.811$$

$$\angle C-B = (106.811 + 162.676) - 200 \quad \angle C-B = 69.487$$

$\angle C$ er bestemt v. sinusprop og 6 er målte sidelengder

St	³⁹ Azimuth	Δx	Δy	X	Y	H
10y	100.460			395050		
11y	203.188			- 2.258		
12y	103.648	- 2.258	+39.361	392.792	385.825	
11y	103.648			392.792		
12y	201.010			- 2.153		
13y	104.658	- 2.153	+29.372	390.639	415.197	51.256
12y	104.658			390.639		
13y	68.834			+ 12.653		
D	373.492	+12.653	- 5.596	403.292	409.601	50.406
13y	373.492			403.292		
D	226.752			+ 25.150		
E	0.244	+25.15	+0.096	428.442	409.697	28.152
D	0.244			428.442		
E	279.530			+ 2.626		
53	79.774	+2.626	+7.984	431.068	417.681	28.272
E	79.774			431.068		
53	202.815			6.282		
54	82.589	+6.282	22.394	437.350	439.975	27.696
53	82.589					
54	206.840					
55	89.429	+5.182	+30.918	442.532	470.893	27.728
54	89.429					
55	208.433					
56	97.862	+1.292	+38.443	443.824	509.336	27.060
55	97.862					
56	196.212					
57	94.074	+1.862	+19.948	445.686	529.284	26.892
56	94.074					
57	200.880					
58	94.954	+3.966	+49.928	449.652	579.212	26.800
Stratahull	Ca.			449.65	590 -	

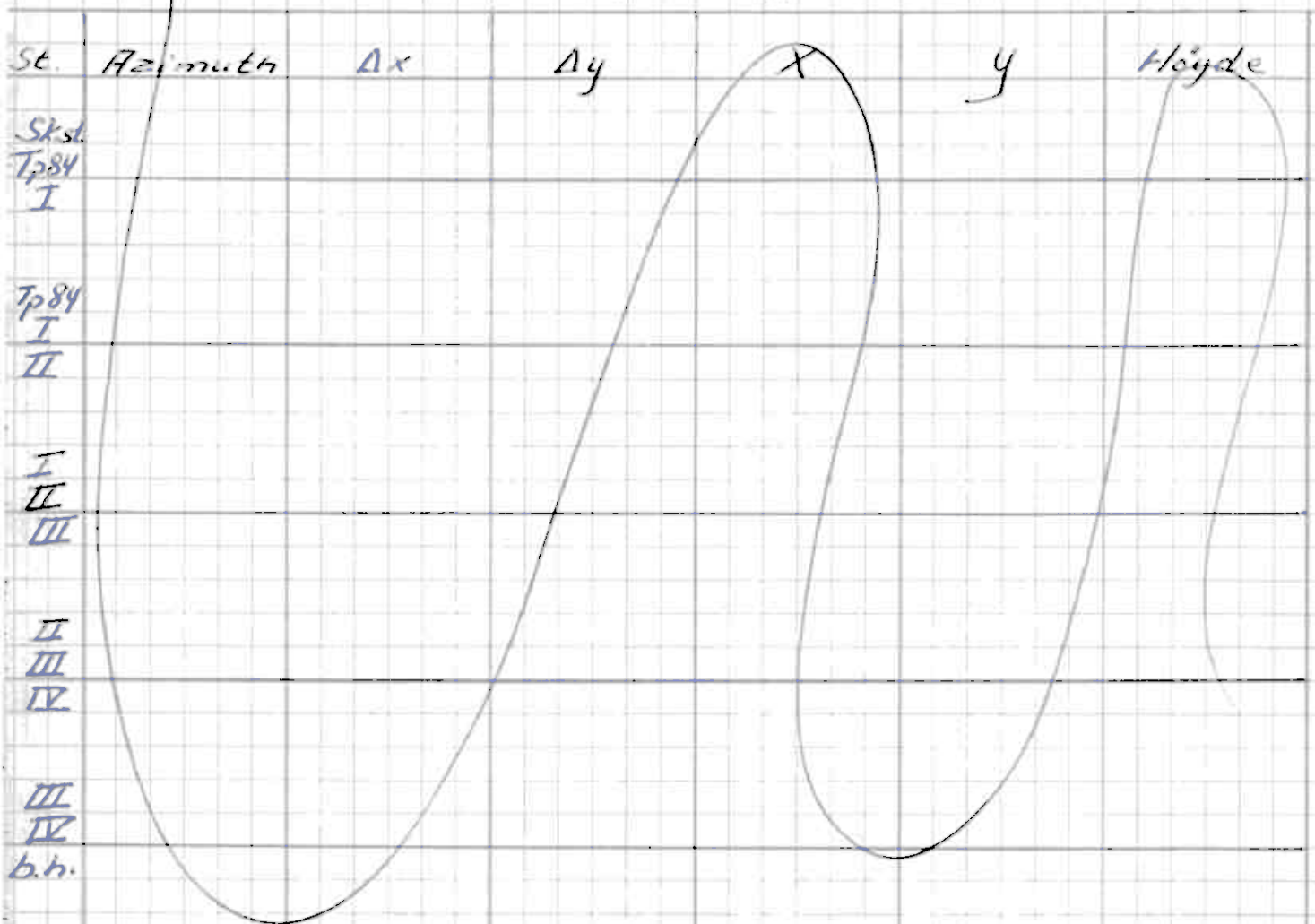
I S		Anmerkninger		
		$\begin{array}{r} 31,987 \\ 28,272 \\ \hline 3,715 \end{array}$	$L = 30,426$	Rekningsvinkel - kontrollen gav en forskjell på +0,2679 eller det gamle koordinatnett
			$L = 29,451$	
3,59	4,45	$\begin{array}{r} 13y - D = 13,835 \cdot 100,048 \\ - 0,010 \\ \hline \end{array}$	$= 13,835$	
4,43	1,85	$\begin{array}{r} D - E = 35,345 \cdot 50,403 \\ + 24,834 \\ \hline \end{array}$	$25,150$	Stigort
1,34	1,30	$\begin{array}{r} E - S3 = 8,405 \cdot 99,346 \\ + 0,086 \\ \hline \end{array}$	$8,405$	1. plugg komorta
		$53 - 54 = 23,258$		Ved sammenligning av $S53 - 54$ i det gamle koordinat- nett fant et avvik på +0,5439
		$54 - 55 = 31,349$		
		$55 - 56 = 38,465$		$53 =$
		$56 - 57 = 20,035$		$x = 140,346$ $y = 2002,749$ $H = -31,987$ $(+3,715)$
		$57 - 58 = 50,085$		

Linse II (gamle koordinatnett)

St	Azimuth	Δx	Δy	X	Y	Heng	legg
144	82.839			-165.477	2042.834	-52.574	
154	210.258			+3.196	+29.357		
164	93.097	+3.196	+29.357	-162.281	2072.191	50.456	554
154	93.097			-162.281	2072.191	50.456	
164	199.234			+2.725	+22.513		
174	92.331	+2.725	+22.513	-159.556	2094.704	48.388	542
144	116.583			-177.795	2047.466		
1a	175.391			+3.614	+28.512	-55.456	
2a	91.974	+3.614	+28.512	-174.181	2075.978	-55.637	60.0
15x							
16x							
17x							
17x							
18x							
19x							
15x							
16x	97.554			-198.140	2054.696		
17x							
16x							
17x							
18x							
15x	97.554			-198.140	2054.696	-60.507	
16x	192.149			+2.886	+17.690	-0.208	
17x	89.703	+2.886	+17.690	-195.254	2072.386	-60.715	64.9
16x	89.703			195.254	2072.386	60.715	
17x	202.529			+3.449	+28.125	0.334	
18x	92.232	+3.449	+28.125	-191.805	2100.511	61.049	655
17x	92.232						
18x	196.543						
19x	88.775	+5.432	+30.485	-186.373	2130.996		
17x	92.232						
18x	158.260						
2b	50.492	+16.541	+16.798	175.264	2117.309		

/	S	
3.465	3.86	$\frac{159 \cdot 169 = 29.58 \cdot 96.290}{+ 1.723} = 29.530$
4.36	3.88	$\frac{169 \cdot 179 = 22.82 \cdot 92.877}{+ 2.548} = 22.677$
2.90	2.73	$\frac{1a \cdot 2a = 28.74 \cdot 100.025}{- 0.011} = 28.740$
2.67	3.23	$\frac{16^* \cdot 17^* = 17.94 \cdot 102.726}{- 0.768} = 17.924$
2.98	3.38	$\frac{17^* \cdot 18^* = 28.345 \cdot 101.648}{- 0.734} = 28.336$

43
Diamantberchull innmält på Mofjellet



1

S

Vertikalwinkel Skizze

Horizontale Anmerkungen

$$T_{p84-I} = 17.42 \cdot 102.466$$

$$I-II = 39.94 \cdot 110.324$$

45 Diamantberthull innmalt på Mofjellet

Sta.	Azimuth	Δx	Δy	X	Y	Høyde
Sk.st.	322.8 ⁷⁵ 57			<u>925</u>	<u>44</u>	
Tp84	306.460			416,620	874,490	212,93
				+15,136	+7,514	
I	29.3 ³⁵ 17	+15,13 ⁶ 9	+7,51 ⁴ 0	431,756	882,004	210,103
Tp84	29.3 ³⁵ 17			431,756	882,004	210,103
I	170.304			+38,254	-0,217	
II	399.6 ³⁹ 21	+38,254	-0,22 8	470,010	881,787	199,705
			-0,217			
I	399.6 ³⁹ 21			470,010	881,787	199,705
II	197.364			+49,297	-2,322	
III	39 ⁰⁰³ 485	+49,297	-2,33 ²² 6	519,307	879,465	193,475
I	39 ⁰⁰³ 485			519,307	879,465	193,475
III	207.790			+32,499	+2,451	
IV	4.7 ⁷⁹³ 75	+32,499	+2,44 ⁵¹ 2	551,806	881,916	182,544
III	4.7 ⁹³ 75			551,806	881,916	182,544
IV	179.909			+14,745	-3,613	
bn.	384.6 ⁷⁰² 84	+14,7 ⁴⁵ 45	-3,61 ³ 7	566,551	878,303	175,837

I S'	Anmerkungen		
<u>1,40 0</u>	<u>7,84-I = 17,42 · 115,604</u> - 4,227	16,899	
<u>1,08 0</u>	<u>I-II = 39,94 · 118,557</u> - 11,478	38,255	
<u>0,94 0</u>	<u>II-III = 49,87 · 109,185</u> - 7,170	49,352	
<u>1,04 0</u>	<u>III-IV = 34,72 · 122,409</u> - 11,971	32,591	
<u>0,99 1,21</u>	<u>IV - berh. = 16,51 · 125,707</u> - 6,487	15,182	<u>Hull nr 7602</u>

47 Inmätning av diamantberkull nr 7603

St	Azimuth	Δx	Δy	X	Y	Höjden
				225	44.	
25	323.312			408.314	417.449	203.559
24	212.393			+ 8.275	-13.175	
1A	335.705	+8.275	-13.175	416.589	404.274	203.946
24	335.705			416.589	404.274	203.946
1A	247.055			+ 47.108	-13.078	
2A	382.760	+47.108	-13.078	463.697	391.196	196.987
1a	382.760			463.697	391.196	196.987
2a	239.995			+18.847		
b.h	22.755	+18.847	+7.039	482.544	398.235	189.716

$$\begin{array}{r} 24-1A = 15.57 \cdot 102.466 \\ - 0.603 \end{array}$$

15,558

0,99

0

$$\begin{array}{r} 1A - 2A = 49.54 \cdot 110.324 \\ - 7.999 \end{array}$$

$$\begin{array}{r} 890 \\ 48.490 \end{array}$$

104

0

$$\begin{array}{r} 2A - 6h = 20.46 \cdot 111.642 \\ - 3.721 \end{array}$$

20,119

0,91

446

Hull nr 7603

49

Innmåling av fastmerke i Caaloon (NGO koordin.)

	Hc	Δx	Δy	x	y	Höyde
P.P. 2209	280,365			925.	41.	
7p 88	89,850	-34,579	+17,472	588,766 -34,579	986,278	37,26
H	170,215			554,187	42. 003,705	37,985
7p 82 H	170,215 149,612			554,187 -11,865		
B	119,827	-11,865	+36,857	542,322	2040,562	32,172
A	119,827			542,322		
B	208,202			-10,461		
C	128,029	-10,461	+22,205	531,861	062,767	32,568
B	128,029			531,861		
C	273,081			-47,873		
D	201,110	-47,873	-0,835	483,988	061,732	32,739
C	201,110			483,988		
D	200,025			-45,291		
E	201,135	-45,291	-0,808	438,697	061,124	33,183
D	201,135			438,697		
E	199,415			-34,834		
FM	200,550	-34,834	-0,301	403,863	60,823	36,529

(PP100)

Koordinater for F.M. i det
gamle koordinatnett
x = -178,440 y = 645,815

I	S		
43	1.44	$\overline{7282 - A = 38.75 \cdot 98.793}$ $+ 0.735$	38.743
43	1.46	$\overline{A - B = 39.15 \cdot 109.439}$ $- 5.783$	38.720
46	1.52	$\overline{B - C = 24.55 \cdot 98.818}$ $+ 0.456$	24.546
52	1.36	$\overline{C - D = 47.88 \cdot 99.985}$ $+ 0.011$	47.88
36	1.30	$\overline{D - E = 45.30 \cdot 99.460}$ $+ 0.384$	45.298
56	+0.78	$\overline{E - FM = 34.85 \cdot 98.162}$ $+ 1.006$	34.835

Veikrysset
Caloon

Höjden i pp. 100

= 35.16 i det

gamle Koord. nett

$\begin{array}{r} 36.52 \\ 35.16 \\ \hline 1.38 \end{array}$

51

Inmätning av diamanthöckhull gruva

STATION				X	Y	
344	61.598			103,653	830,629	-79,51
354	197,670			+ 1,755	+ 2,358	
Hull 448	59,268	+1,755	+2,358	105,408	832,987	80,2
92	81,415			401,559	174,910	66,627
102	126,710			+ 19,168	+ 2,460	
Hull 449	8,125	+19,168	+2,460	420,727	177,370	-70,65
92	81,415			401,559	174,910	66,627
102	126,808			+ 20,952	+ 2,721	
Hull 450	8,223	+20,952	+2,721	422,511	177,631	68,339
92	81,415			401,559	174,910	66,627
102	139,115			15,184	+ 0,649	
Hull 451	20,530	+15,184	+0,649	416,743	475,559	68,85
					175,559	
Hull 452				389,6	44179,-	71,3
Hull 453				391,0	44180,5	69,2
Hull 454				389,6	44180,0	71,3
Hull						
354	261,598			393,433	815,793	
344	176,800			- 31,57	- 21,75	
Hull 455	238,398	-31,57	-21,75	361,86	794,043	77,86
112	106,190			398,97	239,29	
122	222,060			- 4,197	+ 8,829	
Hull 456	128,250	-4,197	+8,829	394,77	248,12	70,62
72	57,305			384,774	104,998	67,43
Hull 457	162,66			+ 16,250	+ 5,27	
Hull 457	19,97	+16,25	+5,27	401,02	110,27	69,26

$$\begin{array}{r} 3.45 \cdot 64.78 \\ + 1.81 \end{array}$$

$$= 294$$

Hull nr 448 45° nord

$$\begin{array}{r} 19.35 \cdot 103.240 \\ - 0.984 \end{array}$$

$$19.325$$

$$\begin{array}{r} 21.17 \cdot 96.005 \\ + 1.328 \end{array}$$

$$21.128$$

$$\begin{array}{r} 15.22 \cdot \cancel{139.115} \cdot 96.580 \\ + 0.817 \end{array}$$

$$15.198$$

Nb. boreet østover

$$\begin{array}{r} 38.42 \cdot 95.75 \\ + 2.563 \end{array}$$

$$38.334$$

$$\begin{array}{r} 9.885 \cdot 109.48 \\ - 1.467 \end{array}$$

$$9.776$$

$$\begin{array}{r} \cancel{99.2} \cdot 17.08 \cdot 99.20 \\ + 0.21 \end{array}$$

$$17.08$$

STATION	AZIMUTH	Δx	Δy	X	Y	HOYDE
122	97.374			400.220	269.821	
132	135.300			+16.65	+9.376	
458	32.647	+16.65	+9.376	416.87	279.20	71.38
122	97.374			400.220	269.821	
132	149.100			+14.196	+12.705	
459	46.474	+14.196	+12.705	414.416	282.52	68.63
122	97.374			400.22	269.82	
132	157.500			+9.78	+9.41	
460	48.774	+9.78	+9.41	410.00	279.23	71.56
122	97.374			400.22	269.82	
132	171.250			+1.34	+2.50	
461	68.624	+1.34	+2.50	410.00 401.56	272.32	71.56 71.76
122	97.374			400.22	269.82	
132	282.050			-13.37	+4.48	
462	179.424	-13.37	+4.48	386.85	274.30	71.72
122	97.374			400.22	269.82	
132	136.230			+18.94	11.04	
463	33.60	+18.94	+11.04	419.16	280.86	71.18
122	97.374			400.22	269.82	
132	134.69			+19.02	10.48	
464	32.06	+19.02	+10.48	419.24	280.30	67.45
122	97.374			400.22	269.82	
132	134.830			+19.32	+10.70	
465	32.20	+19.32	+10.70	419.54	280.52	69.39
52	320.176			382.38	5.61	
42	351.505			+3.38	+7.10	
467	71.681	+3.38	+7.10	385.76	12.71	68.77
42	71.681			385.76	12.71	
467	152.13			+8.58	+3.37	
466	23.811	+8.58	+3.37	394.34	16.08	68.46
42	71.681			385.76	12.71	
467	145.600			+11.49	+3.20	
468	17.281	+11.49	+3.20	397.25	15.91	68.14

$$\begin{array}{r} 19.16 \cdot 104.6 \\ - 1.383 \\ \hline \end{array}$$

19.11

$$\begin{array}{r} 19.10 \cdot 95.45 \\ + 1.364 \\ \hline \end{array}$$

19.051

$$\begin{array}{r} 13.67 \cdot 107.51 \\ - 1.61 \\ \hline \end{array}$$

13.57

$$\begin{array}{r} 3.37 \cdot 136.02 \\ - 1.81 \\ \hline \end{array}$$

2.84

$$\begin{array}{r} 14.22 \cdot 108.18 \\ - 1.82 \\ \hline \end{array}$$

14.10

$$\begin{array}{r} 21.95 \cdot 103.45 \\ - 1.19 \\ \hline \end{array}$$

21.92

$$\begin{array}{r} 21.87 \cdot 92.60 \\ + 2.54 \\ \hline \end{array}$$

21.72

$$\begin{array}{r} 22.10 \cdot 98.28 \\ + 0.60 \\ \hline \end{array}$$

22.09

$$\begin{array}{r} 8.03 \cdot 113.185 \\ - 1.65 \\ \hline \end{array}$$

7.86

$$\begin{array}{r} 9.31 \cdot 108.71 \\ - 1.27 \\ \hline \end{array}$$

9.22

$$\begin{array}{r} 11.97 \cdot 105.08 \\ - 0.95 \\ \hline \end{array}$$

11.93

St	Rz	Δx	Δy	X	Y	H
42	71.681			385.76	12.71	
467	143.55			+ 8.23	+ 2.87	
470	15.231	+ 11.77	+ 2.87	397.53	15.58	66.29
42	71.681			385.76	12.71	
467	135.95			+ 8.23	+ 0.99	
469	7.631	+ 8.23	+ 0.99	393.99	13.70	65.96
14*	107.69			373.27	446.96	55.00
15*	168.88			+ 4.55	+ 11.79	
Hp	76.57	+ 4.55	+ 11.79	377.82	457.75	55.02
15*	76.57			377.82	457.75	55.02
Hp	59.62			+ 5.46	- 8.55	
471+472	336.19	+ 5.46	- 8.55	383.28	449.20	58.56
6A	103.91			408.95	619.84	50.38
7A	181.42			+ 5.69	+ 24.26	
473	85.33	+ 5.69	+ 24.26	414.64	644.10	53.92
474				408.50	643.0	54.07
475				412.50	644.3	- 56.04

Diamantborhull ved			Oscar			
Tp Loft- fiell				925.	41	
Tp Oscar				327,480	481,800	+ 81.740
I	214.279					
II	274.402					
III	288.681	- 8.100	- 45.074	319.380	436.726	+ 84.908
Tp Oscar						
I	288.681					
II	217.797					
III	306.478	+ 3.639	- 35.636	323.019	401.090	+ 78.172
I	306.478					
II	263.101					
III	369.579	+ 23.560	- 12.201	346.579	388.889	+ 63.145

$$\frac{12.14 \cdot 95.27}{+0.90} = 12.11$$

For hullene 466, 468, 469
og 470 er hull nr 467
benyttet til fastmærke.

$$\frac{8.38 \cdot 90.585}{+1.23} = 8.29$$

$$\frac{15 \times - Hp = 12.64}{-0.18} = 12.64$$

$$\frac{Hp - \text{Hull } 471 + 472 = 10.15 \cdot 100.29}{-0.05} = 10.15$$

Hull nr 471 og 472 skråmet
på samme sted

$$\frac{7a - \text{Hull } 473 = 24.93 \cdot 101.51}{-0.59} = 24.92$$

$$\frac{Tp \text{ Osenr} - I = 45.83 \cdot 97.543}{+1.768} = 45.796$$

$$\frac{I - II = 36.57 \cdot 112.905}{-7.362} = 35.821$$

$$\frac{II - III = 31.08 \cdot 134.875}{-16.182} = 26.532$$

Forsettelse
neste side

Slosj	Azimuth	Δx	Δy	X	Y	H
II	369,579			<u>925</u>	41	
III	398,150			346,579	388,889	
Hull 7011	167,729	-2,96	+1,65	343,619	390,539	+63,1
II	369,579				41	
III	394,630					
Hull 7010	164,209	-2,51	+1,58	344,069	390,469	+63,1
II	369,579				41	
III	389,060					
Hull 7009	158,639	-2,11	+1,60	344,469	390,489	+63,1
II	369,579				41	
III	393,200					
Hull 7007	162,779	-1,63	+1,08	344,949	389,969	+63,1
II	369,579				41	
III	384,800					
Hull 7008	154,379	-1,21	+1,058	345,369	389,947	+63,1
162	78,884			<u>925</u>	<u>44</u>	
172	175,29			431,83	349,86	-60,96
479	54,67	+17,90	+20,74	+17,90	+20,74	
				449,73	370,60	64,00
162	78,88			431,83	349,86	
172	167,94			+19,27	+17,44	
480	46,82	+19,27	+17,44	451,10	367,30	66,24
162	78,88			431,83	349,86	
172	166,85			19,91	+17,40	
481	45,73	+19,91	+17,40	451,74	367,26	65,38

$$\underline{3.39}$$

$$\underline{2.97}$$

$$\underline{2.65}$$

$$\underline{1.96}$$

$$\underline{1.61}$$

$$\begin{array}{r} 27.40 \cdot 98.36 \\ + 0.71 \end{array}$$

$$27.39$$

$$\begin{array}{r} 26.04 \cdot 103.75 \\ - 1.53 \end{array}$$

$$25.99$$

$$\bar{I} = 3.75$$

$$\begin{array}{r} 26.45 \cdot 101.62 \\ - 0.67 \end{array}$$

$$26.44$$

Kontrollmåling av drag på Motjället (Stratahull)

Stas.	Azimuth	Δx	Δy	x	y	H
T_p Sk. 164,207						
T_p 84 322,875						
I	287,082	-8,331	40,494			
		-6,921	-33,637			
T_p 84 287,082						
I	205,034					
II	292,116	-6,283	-50,473			
I	292,116					
II	209,228					
III	301,344	+0,784	-34,761			
II	301,344					
III	203,045					
IV	304,389	+3,159	-45,749			
III	304,389					
IV	218,910					
V	323,299	+14,876	-38,816			
IV	323,299					
V	184,878					
VI	308,177	+5,682	-43,991			
V	308,177					
VI	199,092					
VII	307,269	+5,254	-45,819			
VI	307,269					
VII	196,225					
VIII	302,494	+1,720	+43,883			

$$\frac{T_p 84 - I = 41,38 \cdot 102,727}{-1,772} = \frac{41}{\cancel{34,342}}$$

$$\frac{I - II = 50,88 \cdot 101,663}{-1,329} = 50,863$$

$$\frac{II - III = 34,90 \cdot 105,508}{-3,016} = 34,769$$

$$\frac{III - IV = 46,05 \cdot 105,814}{-4,200} = 45,858$$

$$\frac{IV - V = 41,87 \cdot 107,632}{-5,007} = 41,569$$

$$\frac{V - VI = 44,56 \cdot 106,090}{-4,256} = 44,356$$

$$\frac{VI - VII = 46,14 \cdot 101,918}{-1,390} = 46,119$$

$$\frac{VII - VIII = 43,93 \cdot 98,455}{+1,066} = 43,917$$

Fortsett. neste side

Stasi	Azimuth	Δx	Δy	X	Y	H
VII VIII	302.494 194.986					
IX	297.480	-1.783	-45.025			
VIII IX	297.480 194.360					
X	291.840	-6.039	-46.855			
IX X	291.840 200.276					
XI	292.116	-3.16	-25.387			

$$\begin{array}{r} \text{VIII} - \text{IX} = 45.07 \cdot 98.634 \\ + 0.967 \end{array}$$

45.060

$$\begin{array}{r} \text{IX} - \text{X} = 47.75 \cdot 90.718 \\ + 6.937 \end{array}$$

47.243

$$\begin{array}{r} \text{X} - \text{XI} = 25.70 \cdot 93.928 \\ + 2.448 \end{array}$$

$\bar{\text{XI}}$ = Diamantborhull nr 7501
25.583

Kontrollmåling hull 7604 og stråte hull

Stasjon	Azimuth	Δx	Δy	x	y	H
925				416,620	874,490	212,93
44						
Tp. Ski stua	322,875					
Tp84	163,238					
1	286,113	-9,116	-41,127			
Tp84	286,113					
1	204,968					
2	291,081	-5,775	-40,950			
1	291,081					
2	210,775					
3	301,856	+1,410	-48,362			
2	301,856					
3	199,043					
4	300,899	+0,714	-50,560			
3	300,899					
4	225,913					
5	326,812	+16,570	-36,990			
4	326,812					
5	182,171					
6	308,983	+6,986	-49,181			
5	308,983					
6	198,742					
7	307,725	+4,400	-36,080			
6	307,725					
7	194,008					
8	301,733	+1,088	-39,948			

$$\begin{array}{r} \underline{Tp. 84-1 = 42.17 \cdot 102,936} \\ - 1,944 \end{array}$$

42,125

$$\begin{array}{r} \underline{1-2 = 41,37 \cdot 101,736} \\ - 1,128 \end{array}$$

41,355

$$\begin{array}{r} \underline{2-3 = 48.50 \cdot 104,426} \\ - 3,369 \end{array}$$

48,383

$$\begin{array}{r} \underline{3-4 = 50.80 \cdot 106,122} \\ - 4,878 \end{array}$$

50,565

$$\begin{array}{r} \underline{4-5 = 40,81 \cdot 107,440} \\ - 4,759 \end{array}$$

40,532

$$\begin{array}{r} \underline{5-6 = 49.89 \cdot 105,914} \\ - 4,628 \end{array}$$

49,675

$$\begin{array}{r} \underline{6-7 = 36.37 \cdot 102,275} \\ - 1,299 \end{array}$$

36,347

$$\begin{array}{r} \underline{7-8 = 39,98 \cdot 98,150} \\ + 1,162 \end{array}$$

39,963

Stage	Azimuth	Δx	Δy	x	y	H
7 8	301,733 198,351					
9	300,084	+0,054	-40,685			
8 9 10	300,084 191,338 291,422	-5,733	-42,289			
9 10	291,422 204,814					
11	296,236	-1,576	-26,624			
10 11	296,236 192,570					
7502	288,806	-3,048	-17,156	422,594	404,538	
11 7502	288,806 274,620					
Strata hull	363,426	+37,328	-24,164	459,922	380,374	199,649
11 7502	288,806 288,731					
12	377,537	+41,804	-15,395			
7502 12	377,537 252,750					
7604	30,287	+19,557	+10,076	483,95	399,21	

$$\underline{8-9 = 40.91 \cdot 93.327}$$

$$+ 4.280$$

$$40.685$$

$$\underline{9-10 = 42.75 \cdot 96.252}$$

$$+ 2.515$$

$$42.676$$

$$\underline{10-11 = 27.15 \cdot 88.018}$$

$$+ 5.080$$

$$26.671$$

$$\underline{11-7502 = 17.46 \cdot 95.985}$$

$$+ 1.100$$

$$17.425$$

Forige måling
 $x = 422.39$ $y = 404.17$

$$\underline{7502 - \text{Stratahull} = 45.00 \cdot 109.805}$$

$$- 6.903$$

$$44.467$$

$$\underline{7502 - 12 = 44.93 \cdot 108.295}$$

$$- 5.838$$

$$44.549$$

$$\underline{12-7604 = 22.02}$$

Diamantboor hull		gruwa				
St	Azimuth	Δx	Δy	x	y	H
72 Hp II	63.240 15085			389.659	115.120	-68.028
485	278.325	-5.390	-15.215	384.269	99.905	-68.945
72 Hp II	63.240 38.630					
486	301.870	+0.535	-18.220	390.194	96.900	68.982
112 102	298.974 293.920			401.559 +13.459	174.910 -1.509	
487	392.894	+13.459	-1.509	415.018	173.401	68.68
182 192	58.004 140.350			466.515 +13.265	392.223 -0.343	
488	398.354	+13.265	-0.343	479.780	391.880	-64.396
182 192	58.004 117.880			466.515 +4.157	392.223 -1.655	
489	375.884	+4.157	-1.655	470.672	390.568	62.166
182 192	58.004 140.690			466.515 +14.205	392.223 -0.291	60.276
490	398.694	+14.205	-0.291	480.720	391.932	61.834
182 192	58.004 216.110			466.515 +2.283	392.223 +5.302	
491	74.114	+2.283	+5.302	468.798	397.525	62.171
182 192	58.004 203.930			466.515 +3.225	392.223 +4.734	
490	61.934	+3.225	+4.734	469.74	396.957	-64.908

$$\underline{H_p II - Hull 485 = 16.25 \cdot 92.645}$$

$$+ 1.873$$

$$16.142$$

$$\underline{H_p II - Hull 486 = 18.32 \cdot 93.610}$$

$$+ 1.836$$

$$18.228$$

$$\underline{10^2 - Hull 487 = 13.57 \cdot 96.000}$$

$$+ 0.852$$

$$13.543$$

$$I = 2.90$$

$$\underline{19^2 - Hull 488 = 13.32 \cdot 105.550}$$

$$- 1.16$$

$$13.269$$

$$\underline{19^2 - Hull 489 = 4.60 \cdot 85.08}$$

$$+ 1.068$$

$$4.474$$

$$\underline{19^2 - Hull 490 = 14.26 \cdot 94.540}$$

$$+ 1.222$$

$$14.208$$

$$\underline{19^2 - Hull 491 = 5.84 \cdot 90.320}$$

$$+ 0.885$$

$$5.773$$

$$\underline{19^2 - Hull 490 = 6.02 \cdot 119.910}$$

$$- 1.852$$

$$5.728$$

$$I = 2.78$$

Stasi	Azimuth	Δx	Δy	X	Y	H
182 172	254.740 299.135			431.833 + 2.073	349.861 - 1.835	60.963
496	353.875	+2.073	-1.835	<u>433.906</u>	<u>348.026</u>	<u>-64.07</u>
182 172	254.740 286.650			431.833 + 1.318	349.861 - 1.733	
497	341.390	+1.318	-1.733	<u>433.151</u>	<u>348.128</u>	<u>-66.25</u>
182 172	254.740 149.830			431.833 - 6.583	349.861 - 0.473	
495	204.570	-6.583	-0.473	<u>425.250</u>	<u>349.388</u>	<u>63.48</u>
182 172	254.740 181.850				349.861	
	236.590	-19.743	-12.787	419.046	337.974	66.43
182 172	254.740 152.070			431.833 - 22.131	349.861 - 2.377	
498	206.810	-22.131	-2.377	<u>409.702</u>	<u>347.484</u>	<u>66.43</u>
182 172	254.740 151.850			431.833	349.861	
494	206.590	-23.396	-2.431	<u>408.437</u>	<u>348.33</u>	<u>64.11</u>
182 172	254.740 150.990			431.833	349.861	-60.96
499	205.730	-22.87	-2.06	<u>408.720</u>	<u>347.75</u>	<u>-66.05</u>
82 92	59.818 369.950			391.589	141.736	-67.237
500	229.77	-7.50	-3.79	<u>384.09</u>	<u>137.95</u>	<u>-69.02</u>
82 92	59.818 370.575					
501	230.39	-7.22	-3.74	<u>384.37</u>	<u>138.00</u>	<u>-71.38</u>

$$\begin{array}{r} 172-496 \\ \hline 2.85 \cdot 84.82 \\ + 0.673 \end{array} = 2.769$$

$$\begin{array}{r} 172-497 \\ \hline 2.65 \cdot 138.620 \\ - 1.511 \end{array} = 2.177$$

$$\begin{array}{r} 172-495 \\ \hline 6.72 \cdot 87.96 \\ + 1.263 \end{array} = 6.60$$

$$\begin{array}{r} 23.53 \cdot 9831 \\ \hline + 0.625 \end{array} = 23.822$$

$$\begin{array}{r} 172-498 \\ \hline 22.33 \cdot 104.82 \\ - 1.689 \end{array} = 22.66 \quad 22.266$$

$$\begin{array}{r} 172-494 \\ \hline 23.53 \cdot 9831 \\ + 0.625 \end{array} = 23.522$$

$$\begin{array}{r} 172-499 \\ \hline 23.00 \cdot 103.95 \\ - 1.43 \end{array} = 22.96$$

$$I = 3.66$$

$$\begin{array}{r} 92-500 \\ \hline 8.45 \cdot 93.39 \\ + 0.88 \end{array} = 8.40$$

$$I = 2.66$$

$$\begin{array}{r} 92-501 \\ \hline 8.26 \cdot 111.453 \\ - 1.48 \end{array} = 8.13$$

$$I = 2.66$$

$$I = 3.78$$

Stasj	Aimutsh	Δx	Δy	x	y	H	I
	8^2 59.818 9^2 21.430			391.59	141.74	-67.24	
502	281.25	-2.27	-7.49	389.32	134.25	-69.00	2.66
	8^2 59.818 9^2 212.590						
503	72.41	+5.03	+10.87	396.62	152.61	-68.88	2.66
	18^2 259.740 17^2 176.77			431.833	349.861	60.96	
504	231.51	-6.90	-3.72	424.93	346.14	-66.30	3.66
	8^2 59.818 9^2 213.050			391.59	141.74		
505	72.87	+4.99	+10.98	396.58	152.72	-71.25	2.66
	8^2 59.818 9^2 237.011			391.59	141.74		
506	96.83	+4.99 +0.70	+13.97	392.29	155.71	-71.40	2.66
	11^2 298.974 10^2 204.560			401.56	174.91	66.63	
507	303.53	+0.27	-4.79	401.83	170.12	68.96	2.90
	11^2 298.974 10^2 204.81						
508	303.78	+0.28	-4.73	401.84	170.18	71.28	2.90
	11^2 298.974 10^2 139.99						2.90
509	238.96	-5.24	-3.68	396.32	171.23	71.14	
	10^2 98.974 11^2 15.824			402.08	207.41	-65.71 3.59	3.59
510	314.80	+2.19	-9.24	404.27	198.17	68.31	

$$\begin{array}{r} 9^2 - 502 = 7.88 \cdot 92.675 \\ + 0.90 \end{array}$$

7.83

$$\begin{array}{r} 9^2 - 503 = 12.02 \cdot 94.57 \\ + 1.02 \end{array}$$

11.98

$$\begin{array}{r} 17^2 - 504 = 8.02 \cdot 113.42 \\ \cancel{+ 1.02} \\ - 1.68 \end{array}$$

7.84

$$\begin{array}{r} 9^2 - 505 = 12.13 \cdot 107.08 \\ - 1.35 \end{array}$$

12.06

$$\begin{array}{r} 9^2 - 506 = 14.07 \cdot 106.79 \\ \cancel{+ 1.35} \\ - 1.50 \end{array}$$

13.99

$$\begin{array}{r} 10^2 - 507 = 4.83 \cdot 92.45 \\ + 0.57 \end{array}$$

4.80

$$\begin{array}{r} 10^2 - 508 = 5.05 \cdot 122.50 \\ - 1.75 \end{array}$$

4.74

$$\begin{array}{r} 10^2 - 509 = 6.60 \cdot 115.67 \\ - 1.61 \end{array}$$

6.40

$$\begin{array}{r} 11^2 - 510 = 9.55 \cdot 93.36 \\ + 0.99 \end{array}$$

9.50

Stasi	Azimuth	Δx	Δy	x	y	H	I
102 112	98.974 16.040			402.08	207.41	65.71	3.59
511	315.01	+2.32	-9.65	<u>404.40</u>	<u>197.76</u>	<u>70.81</u>	
102 112	98.974 206.12						3.59
512	105.09	-2.89	+36.09	<u>399.19</u>	<u>243.50</u>	<u>70.79</u>	
102 112	98.974 370.45						3.59
513	269.42	-3.62	-6.95	<u>398.46</u>	<u>200.46</u>	<u>71.10</u>	
102 112	98.974 194.195						3.56
514	93.169	+1.30	+12.11	<u>403.38</u>	<u>219.52</u>	<u>-68.65</u>	
102 112	98.974 193.590						3.56
515	92.564	+1.42	+12.05	<u>403.50</u>	<u>219.46</u>	<u>-70.56</u>	
516				<u>364.60</u>	<u>103.10</u>	<u>72.0</u>	
517				<u>364.70</u>	<u>103.20</u>	<u>72.0</u>	
82 72	286.582 254.29			375.21	92.94	67.38	2.28
518	840.87	+8.01	+10.71	102.95 <u>367.20</u>	<u>102.95</u>	<u>72.0</u>	
112 122	106.217 390.520			398.96	239.28	-66.0	3.07
519	296.74	-0.91	-17.82	<u>398.05</u>	<u>221.46</u>	<u>-70.8</u>	
112 122	106.217 389.75						3.07
520	295.97	-1.14	-17.95	<u>397.22</u>	<u>221.33</u>	<u>-68.6</u>	

$$\frac{11^2 - 511 = 10,03 \cdot 109,63}{-1,51} = 9,92$$

$$\frac{11^2 - 512 = 36,22 \cdot 101,405}{-0,80} = 36,21$$

$$\frac{11^2 - 513 = 8,04 \cdot 114,375}{-1,80} = 7,84$$

$$\frac{11^2 - 514 = 12,20 \cdot 96,750}{+0,62} = 12,18$$

$$\frac{11^2 - 515 = 12,20 \cdot 106,75}{-1,29} = 12,13$$

516-517 innmätt med
målband

$$\frac{7^2 - 518 = 13,58 \cdot 111,08}{-2,35} = 13,37$$

$$\frac{12^2 - 519 = 17,92 \cdot 106,125}{-1,72} = 17,84$$

$$\frac{12^2 - 520 = 18,00 \cdot 98,38}{+0,46} = 17,99$$

Stas.	Azimuth	Δx	Δy	x	y	H	Z	I
112 122	106.217 127.360			398.96	239.28	-66-		3.07
521	33.58	+2.66	+1.55	<u>401.62</u>	<u>240.83</u>	68.3		
112 122	106.217 136.935							3.07
522	43.15	+2.38	+1.91	<u>401.34</u>	<u>241.19</u>	70.78		
112 122	106.217 273.21							3.07
523	179.43	-3.39	+1.13	<u>395.57</u>	<u>240.41</u>	68.48		
112 122	106.217 265.95							3.07
524	172.17	-3.22	+1.50	<u>395.74</u>	<u>240.78</u>	70.66		
112 122	106.217 239.550			398.96	239.28			2.98
525	145.77	-6.28	+7.18	<u>392.68</u>	<u>246.46</u>	-69.7		
10 1W	296.99 122.17			393.02	019.07	62.85		
526	219.16	-28.27	-8.77	<u>364.75</u>	^{44.} <u>010.30</u>	68.62		2.55
528				<u>364.75</u>	<u>44.09.30</u>	68.6		
122 132	97.374 299.000			400.22 -20.23	269.82 +1.15	-67.12		2.87
529	196.374	-20.23	+1.15	<u>379.99</u>	<u>270.97</u>	71.51		
122 132	97.374 296.860			400.22 -30.13	269.82 +2.74			2.87
530	194.23	-30.13	+2.74	<u>370.09</u>	<u>272.56</u>	71.27		

$$\frac{12^2 - 521 = 3.18 \cdot 84.35}{+ 0.77} = 3.08$$

$$\frac{12^2 - 522 = 3.50 \cdot 132.59}{- 1.71} = 3.06$$

$$\frac{12^2 - 523 = 3.62 \cdot 89.53}{+ 0.59} = 3.57$$

$$\frac{12^2 - 524 = 3.89 \cdot 126.78}{- 1.59} = 3.55$$

$$\frac{12^2 - 525 = 9.57 \cdot 104.77}{- 0.72} = 9.54$$

$$\frac{1W - 526 = 29.65 \cdot 103.70}{- 1.72} = 29.60$$

528 innmält med målebånd Hullet står 709 mot west

$$\frac{13^2 - 529 = 20.32 \cdot 104.762}{- 1.52} = 20.26$$

$$\frac{13^2 - 530 = 30.28 \cdot 102.70}{- 1.28} = 30.25$$

Stasj.	Azimuth	Δx	Δy	x	y	H	I
38x 39x	96.54 127.61			359.92 +11.40	⁴³ 888.22 +4.54	-74.84	2.78
Hp	24.15	+11.40	+4.54	371.32	892.76	-78.48	
39x Hp	24.15 107.02			371.32 + 4.83	892.76 - 9.05		2.7
531	331.17	+4.83	-9.05	376.15	883.71	-75.81	
39x Hp	24.15 110.31			371.32 + 5.42	892.76 - 9.02		
533	334.46	+5.42	-9.02	376.74	883.74	-76.04	
39x Hp	24.15 109.65			371.32 + 5.31	892.76 - 9.05		
527	333.80	+5.31	-9.05	376.63	883.71	-77.24	
I II	98.185 111.76			379.74 + 2.16	229.51 + 0.34	-74.15	2.93
532	9.95	+2.16	+0.34	381.90	229.85	-78.68	
I II	98.185 256.82			379.74 + 1.33	229.51 + 1.14		2.93
535	155.01	-1.33	+1.14	378.41	230.65	-78.72	
182 172	254.740 169.67			431.83 -14.73	349.86 - 5.94	-60.96	3.63
538	224.41	-14.73	-5.94	417.10	343.92	-66.55	
182 172	254.74 151.33			431.83 - 13.41	349.86 - 1.28		3.63
540	207.07	-13.41	-1.28	418.42	349.18	-66.45	

$$39^* - H_p = 12.30 \cdot 104.43$$

$$- 0.86$$

$$12.27$$

$$H_p - 531 = 10.60 \cdot 83.82$$

$$+ 2.67$$

$$10.26$$

$$H_p - 533 = 10.72 \cdot 87.56$$

$$+ 2.08$$

$$\cancel{10.26} \quad 10.52$$

$$H_p - 527 = 10.56 \cdot 92.52$$

$$\cancel{+} + 1.24$$

$$10.49$$

$$II - 532 = 2.71 \cdot \cancel{140.17}$$

$$- 1.60$$

$$2.19$$

$$II - 535 = 2.40 \cdot 147.97$$

$$- 1.64$$

$$1.75$$

$$172 - 537 = 16.00 \cdot 107.81$$

$$- 1.96$$

$$15.88$$

$$172 - 540 = 13.60 \cdot 108.72$$

$$- 1.86$$

$$13.47$$

$$+ 0.6 \text{ m } \text{ö} \text{st} \text{ö} \text{v} \text{er}$$

Stasi.	Azimuth	Δx	Δy	x	y	H	I
38x 39x	96.54 110.36			359.92	888.22 + 0.83	-74.84	2.72
534	6.90	+7.63	+0.83	367.55	889.05	-74.92	
38x 39x	96.54 143.49			359.92	888.22		2.72
536	40.03	+5.56	+4.04	365.48	892.26	-74.98	
38x 39x	96.54 148.21			359.92	888.22		2.72
538	44.75	+4.69	+3.98	364.61	892.20	-74.99	
38x 39x	96.54 117.26			359.92 + 32.15	888.22 + 7.08	-74.84	2.72
Hp	13.80	+32.15	+7.08	392.07	895.30	-80.60 83.22	
39x Hp	13.80 198.78			392.07	895.30		
539	12.58	+11.27	+2.26	403.34	897.56	-79.33	
39x Hp	13.80 197.49			392.07	895.30		
541	11.29	+12.19	+2.18	404.26	897.48	-79.91	
18 ² 15 ²	277.70 116.34			414.16 - 2.21	299.89 288. + 0.21		
542	194.04	-2.21	+0.21	411.95	300.10	-70.95	3.19
12 ² 13 ²	97.374 296.27			400.22 - 6.88	269.82 + 0.69		
543	193.64	-6.88	+0.69	393.34	270.51	-71.63	2.89
545				404.26	897.48	79.60 -80.2	

$$39x - 534 = 8.12 \cdot 78.96$$

$$+2.64$$

$$7.68$$

$$39x - 536 = 7.34 \cdot 77.100$$

$$+2.58$$

$$6.87$$

$$39x - 538 = 6.67 \cdot 74.81$$

$$+2.57$$

$$6.15$$

$$39x - Hp = 33.40 \cdot 110.85$$

$$-5.66$$

$$32.92$$

$$Hp - 539 = 12.13 \cdot 79.24$$

$$+3.89$$

$$11.49$$

$$Hp - 541 = 12.82 \cdot 83.35$$

$$+3.31$$

$$12.38$$

$$15x - 542 = 2.83 \cdot 142.60$$

$$-1.76$$

$$2.22$$

$$13x - 543 = 7.10 \cdot 114.63$$

$$-1.62$$

$$6.91$$

Stasi.	Azimuth	Δx	Δy	x	y	H	I
1N 2N	314.422 204.43			410.81 + 1.54	024.42 - 5.05	-54.15	3.05
544	318.85	+1.54	-5.05	<u>412.35</u>	<u>019.37</u>	<u>-58.36</u>	
1N 2N	314.42 186.45			410.81 + 0.06	024.42 - 4.03		3.05
546	300.87	+0.06	-4.03	<u>410.87</u>	<u>20.39</u>	<u>-58.42</u>	
1N 2N	314.42 208.27			410.81 + 2.18	024.42 - 5.87		3.05
547	322.69	+2.18	-5.87	<u>412.99</u>	<u>018.55</u>	<u>-54.07</u>	
1N 2N	314.42 209.09			410.81 + 2.29	024.42 - 5.91		3.05
548	323.51	+2.29	-5.91	<u>413.10</u>	<u>018.51</u>	<u>-54.60</u>	
92 102	81.42 134.37			411.11 401.56	174.91	-66.63	2.90
Hp	15.79	+26.08	+6.06	427.64	180.97	-64.65	
102 Hp	15.79 273.19			427.64 + 0.96	180.97 5.47		3.60
576	88.98	+0.96	+5.47	<u>428.66</u>	<u>186.44</u>	<u>-65.07</u>	
102 Hp	15.79 224.94			427.64 + 4.68	180.97 + 3.49		3.60
577	40.73	+4.68	+3.49	<u>432.32</u>	<u>184.46</u>	<u>-65.17</u>	
102 Hp	15.79 222.70			427.64 + 4.99	180.97 + 3.45		3.60
578 578	38.49	+4.99	+3.45	<u>432.63</u>	<u>184.42</u>	<u>-65.81</u>	
102 Hp	15.79 221.65			427.64 + 4.92	180.97 + 3.28		3.57
579	37.44	+4.92	+3.28	<u>432.56</u>	<u>184.25</u>	<u>-69.95</u>	

$$\frac{2N - 544 = 5.30 \cdot 105.53}{-0.46} \quad 5.28$$

$$\frac{2N - 546 = 4.21 \cdot 118.65}{-1.22} \quad 4.03$$

$$\frac{2N - 547 = 7.00 \cdot 70.47}{+3.13} \quad 6.26$$

$$\frac{2N - 548 = 6.85 \cdot 75.18}{+2.60} \quad 6.34$$

$$\frac{10^2 - Hp = 26.93 \cdot 97.11}{+1.22} \quad 26.90 \quad S = 3.66$$

$$\frac{Hp - 576 = 6.40 \cdot 66.88}{+3.18} \quad 5.55$$

$$\frac{Hp - 577 = 6.60 \cdot 69.05}{+3.08} \quad 5.84$$

$$\frac{Hp - 578 = 6.54 \cdot 75.69}{+2.44} \quad 6.07$$

$$\frac{Hp - 579 = 6.16 \cdot 118.11}{-1.73} \quad 5.91$$

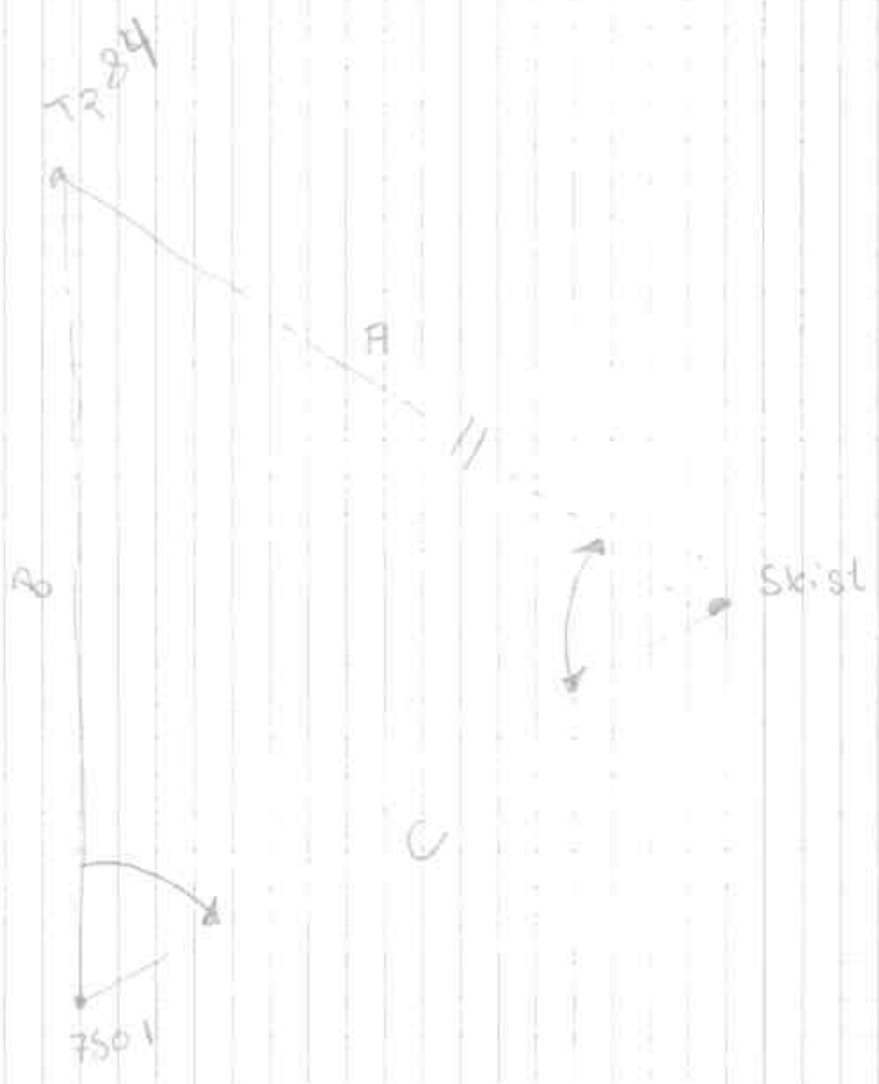
Stas	Azimuth	Δx	Δy	x	y	H	I
102	15.79			427.64	180.97		
Hp	9.88			-18.02	-7.69		3.57
580	225.67	-18.02	-7.69	<u>409.62</u>	<u>-173.28</u>	<u>-66.82</u>	

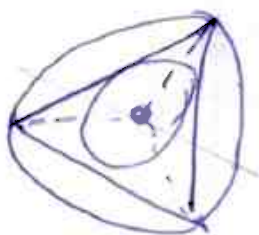
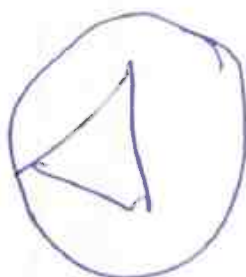
$$\underline{Hp - 580 - 19.64 - 95.45}$$

$$+1.40$$

$$19.59$$

1





262.60

199.65

3,19

285
33
3,18