

List of frequency counts
of sedimentary erratics and glacial striae

APPENDIX
TO

Research Papers

SGU series Ca 84

Forskningsrapporter

Erratics and Proterozoic – Lower Palaeozoic
submarine sequences between
Åland and mainland Sweden

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List of frequency counts of sedimentary erratics and glacial striae - Appendix to *Research Papers SGU Ca 84: Erratics and Proterozoic - Lower Palaeozoic sequences between Åland and mainland Sweden*

by

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INTRODUCTION

This article is one in a series of investigations performed by the Department of Geology and Geochemistry, Stockholm University with the aim to investigate the Meso-, Neoproterozoic and the Lower Palaeozoic in East Central Sweden. Current publications from the department comprise the works of Flodén (1973); Flodén & Söderberg (1984); Flodén et al. (1986, 1993); Söderberg (1982, 1993); Hagenfeldt & Söderberg (1985, 1994); Söderberg & Flodén (1989); Söderberg & Hagenfeldt (1994a, 1994b, 1995); Amantov et al. (1995); and Hagenfeldt (1995).

The aim of the present article is to present basic data on frequency counts of sedimentary erratics and measurements on glacial striae from the Stockholm Archipelago, the coast of Uppland, the Öregrund Archipelago, and the Åland Islands. Furthermore, localities which contain dolomitic Baltic limestones from the above mentioned areas are presented. The obtained data are presented as maps in Hagenfeldt (1995).

MATERIAL

The investigated area comprises the Stockholm Archipelago, the Öregrund Archipelago, the Åland Islands, and the coastal area of Uppland (Fig. 1). More than 40.000 specimens of erratics have been counted (Hagenfeldt 1995). When possible, glacial striae have been measured at the investigated sites. The methods used of frequency counts and striae measurements are described in

Hagenfeldt (1995). The investigated sites are shown in Fig. 2. The locality names are derived from the topographic map sheets 9I, 9J, 10G, 10I, 10J, 10K, 11J, 11K, 12I, 12J, 13H, and 13J of Sweden (Scale 1:50,000). The geographic locations of the sites in appendices I-II are given in the Swedish Gauss Coordinate System (Rikets nät, 2.5° W, 1938). The localities on the Åland Islands are given in longitudinal and latitudinal coordinates.

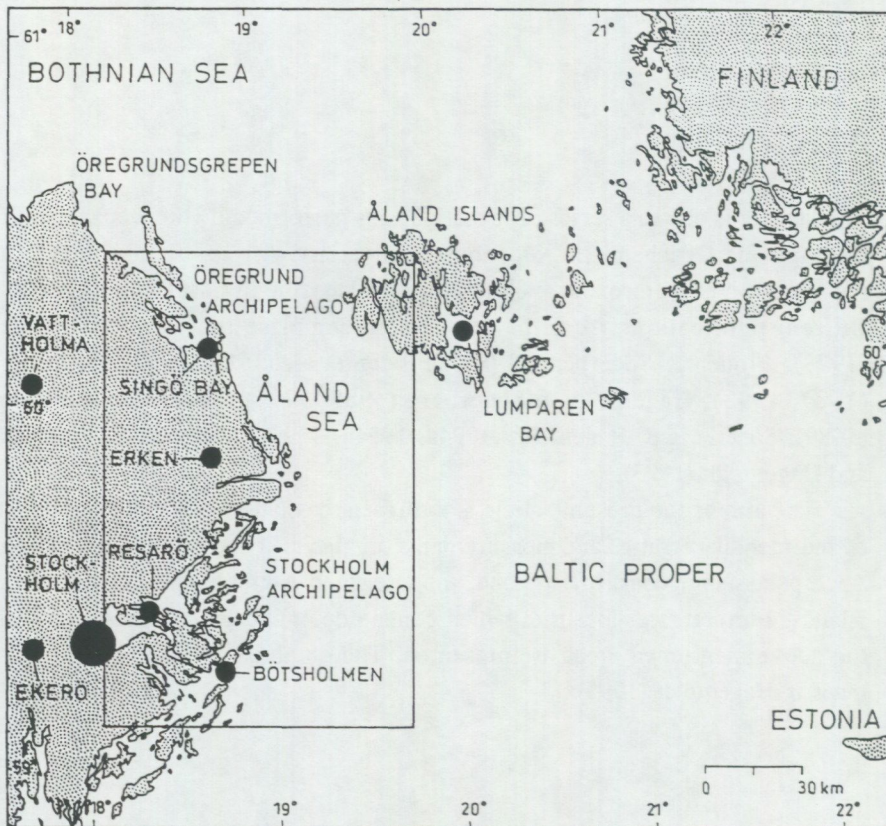


Fig. 1. Location of the investigated area. After Hagenfeldt (1995).

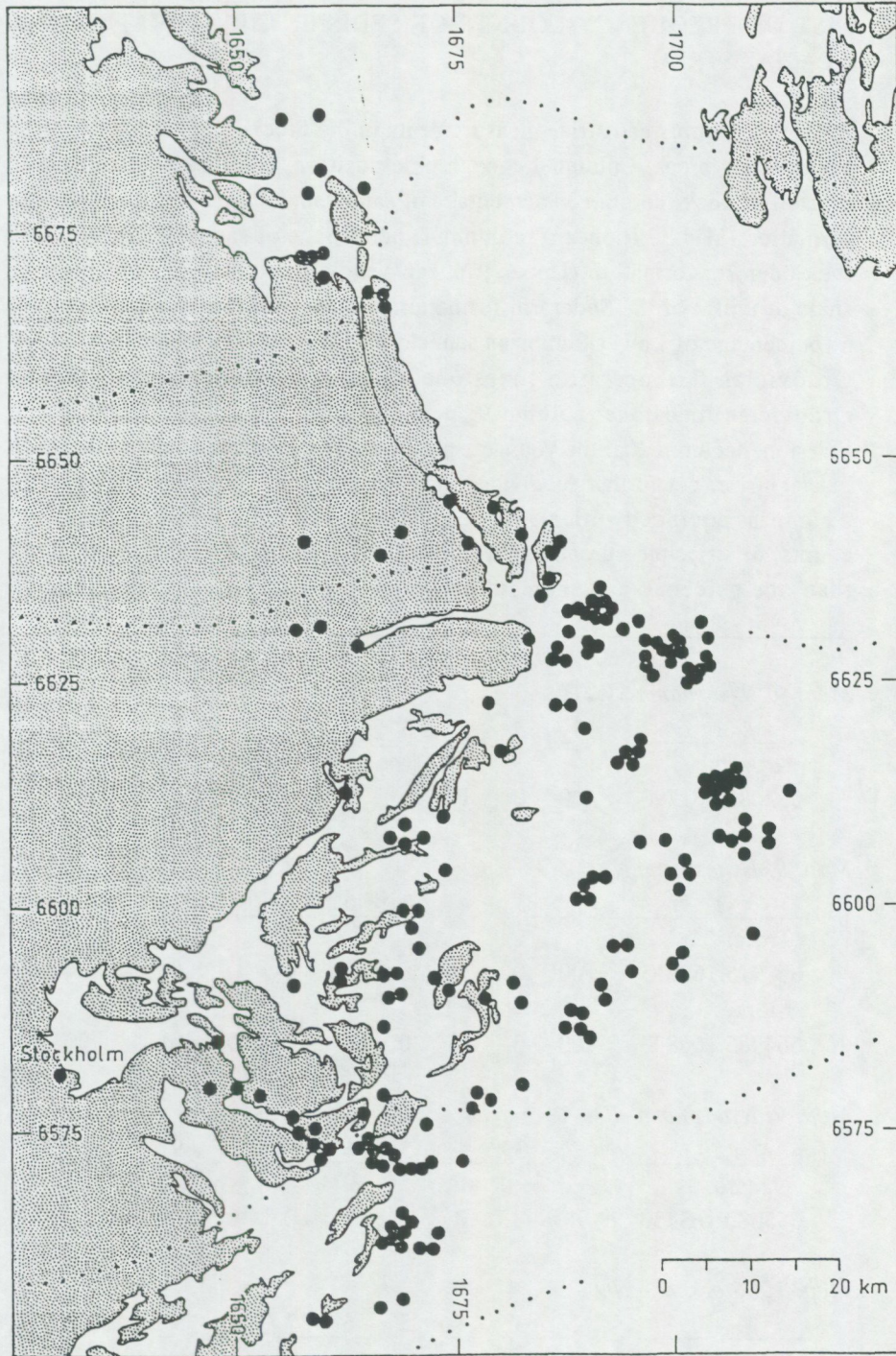


Fig. 2. Location of the investigated sites, which are shown by dots. After Hagenfeldt (1995).

Map: 9J/10J Huvudskär NV, Värmdö SV

	1	2	3	4	5	6	7	8	9	10a	10b
7. Huvudskär:											
654145 165850	100	0	0	0	0	0	0	0	0	N20W	-
8. Söderholmen:											
655420 166039	100	<1	0	0	0	0	0	0	0	N23W	-
9. Finnskär:											
655525 166661	100	<1	0	0	0	0	0	0	0	N20W	-
10. Kastön:											
655673 166810	99	1	0	0	0	<1	0	0	0	N22W	-
11. Hynnskär:											
656220 167152	100	<1	0	0	0	0	0	0	0	-	-
12. Stora Tallkobben:											
656272 167206	100	<1	<1	0	<1	0	0	<1	-	-	-
13. Island northnortheast of Högkobben:											
656360 166730	99	1	0	0	0	0	0	0	0	N14W	-
14. Lilla Långkobben:											
656390 166790	-	-	-	-	-	-	-	-	-	N14W	-
15. Hamnskärs Trätskär:											
656310 166810	-	-	-	-	-	-	-	-	-	N17W	-
16. Fjortronkastan:											
656395 167320	98	2	0	0	0	0	0	0	0	N22W	-
17. Brunskärs Trätskär:											
656426 166735	100	<1	0	0	0	0	0	0	0	N17W	-
18. Brunskär:											
656440 166805	100	<1	<1	0	<1	0	0	0	0	N14W	-
19. Alsundskobben:											
656571 166990	100	0	0	0	0	0	0	0	0	N22W	-
20. Braka Björkskär:											
656635 166987	100	<1	<1	0	0	0	0	0	0	N24W	-
21. Stora Svinskär:											
667115 166963	100	0	0	0	0	0	0	0	0	-	-
22. Västra Svinskär:											
667114 166935	100	0	0	0	0	0	0	0	0	-	-
23. Stora Kullskärgrund:											
657125 167172	100	0	0	0	0	0	0	0	0	-	-
24. Korshamnsviken:											
657287 166155	100	0	0	0	0	0	0	0	0	N9W	-
25. Stavsnäs:											
657769 166545	100	0	0	0	0	<1	0	0	0	N20W	-
26. Munkö:											
657210 166611	93	5	0	0	1	1	<1	<1	<1	N16W	-
27. Risselö:											
657281 166630	99	1	0	0	0	<1	0	0	0	N19W	-
28. Höga Fladkläppen:											
657235 166695	95	3	<1	0	1	1	<1	0	0	N30W	-

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
29. Låga Fladkläppen:											
657244 166745	100	0	0	0	0	0	0	0	0	N19W	-
30. Island southwest of Låga Fladkläppen:											
657240 166724	100	0	0	0	0	0	0	0	0	N18W	-
31. Bötsholmen:											
657280 166790	99	0	0	0	1	0	0	0	0	N23W	-
32. Stora Limsjär:											
657209 166786	99	0	0	0	1	0	0	0	0	-	-
33. Rådalen:											
657378 165919	98	1	<1	0	1	<1	<1	<1	<1	N22W	-
34. Skötkobb:											
657331 166530	100	0	0	0	0	<1	0	0	0	-	-
35. Boholmen:											
657415 166570	97	1	0	0	<1	1	<1	1	1	N20W	-
36. Islet north of Ängsholmen:											
657378 165919	100	0	0	0	0	<1	0	0	0	-	-
37. Vidskär:											
657295 167245	98	2	0	0	0	<1	<1	0	0	N21W	-
38. Villinge:											
655442 166064	100	<1	<1	0	<1	0	0	0	0	N22W	-

Map: 10J Värmdö NV

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
39. Malmafladen:											
657520 165757	100	0	0	0	0	0	0	0	0	-	-
40. Fräkensundet:											
657560 165935	100	<1	0	0	0	<1	0	0	0	N22W	-
41. Gråskär:											
657603 167235	100	0	0	0	0	0	0	0	0	N20WN28E	
42. Strömman:											
657701 165614	100	0	0	0	0	0	0	0	0	-	-
43. Rosendal:											
657987 165389	100	0	0	0	0	0	0	0	0	-	-
44. Marskär:											
657911 166705	99	0	<1	0	1	0	0	<1	<1	N9W	-
45. Ålstäket:											
658005 165090	99	1	0	0	0	<1	0	0	0	-	-
46. Klövholmen:											
658718 166760	100	0	<1	0	0	0	0	<1	<1	-	-
47. Fagerön:											
659015 166865	98	1	<1	0	1	0	0	0	0	N2W	-
48. Grindaön:											
659175 165649	99	1	<1	0	<1	<1	0	0	0	N23WN34W	
49. Västergårdsholmen:											
659175 166255	97	0	1	0	<1	0	2	0	0	N23W	-
50. Kyrkviken, Möja:											
659124 167457	100	0	0	0	0	0	<1	0	0	N3W	-
51. Norrgårdsön:											
659280 166711	99	1	<1	0	<1	<1	0	0	0	N26WN7W	

SEDIMENTARY ERRATICS....

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	1	2	3	4	5	6	7	8	9	10a	10b
52. Solvik, Möja:											
659210 167332	100	0	0	0	0	0	0	0	0	-	-
53. Stora Hästnacken:											
659311 166265	100	<1	<1	0	<1	<1	<1	0	0	N19W	-
54. Träskö Storö:											
659553 166920	100	0	<1	0	<1	<1	0	<1	0	N8W	N30W
55. Lilla Kalholmen:											
659615 167105	98	0	0	0	2	0	0	<1	0	N12W	-
56. Julpan:											
659890 167080	97	2	1	0	0	0	0	0	0	N9E	-
57. Lilla Kasten:											
659969 166965	99	1	<1	0	0	0	0	0	0	N5W	N17E N5E
58. Islet south of Långholmen:											
659945 167162	100	<1	<1	0	0	<1	0	<1	0	N5W	-
59. Norrholmen:											
659255 166700	99	1	<1	0	<1	<1	0	0	0	N12W	N26W

Map: 10J Värmdö SO/NO

	1	2	3	4	5	6	7	8	9	10a	10b
60. Lökholmen:											
657865 167766	91	7	1	0	<1	1	<1	0	0	N6W	-
61. Östra Brand:											
657245 167552	99	1	0	0	0	<1	0	0	0	N30W	-
62. Kroksö:											
657900 167834	100	<1	0	0	0	<1	<1	<1	0	-	-
63. Björkö:											
657914 167970	95	5	0	0	<1	<1	<1	<1	0	N12W	N32W
64. Horsten:											
658062 168975	85	4	9	1	<1	1	0	<1	0	N5W	-
65. Gjusskär:											
658640 169012	71	8	18	<1	<1	2	0	1	0	N-S	-
66. Björkskär:											
658735 168840	90	1	7	0	<1	1	<1	1	0	N3W	-
67. Islet northeast of Bodskär:											
658706 168975	-	-	-	-	-	-	-	-	-	N5W	-
68. Batteriet:											
658805 168932	89	2	8	0	<1	0	0	1	0	N2W	N17W
69. Norrkobbarna:											
658854 168934	95	1	4	0	<1	<1	0	0	0	N7W	N3E
70. Lökaö:											
659062 167847	98	2	<1	0	<1	0	0	0	0	N1E	-
71. Roskär:											
659265 168230	89	1	8	1	<1	1	0	0	0	N4E	-
72. Tvikobb:											
659045 168306	91	1	7	0	<1	1	0	<1	0	N7W	-
73. Sprickopp:											
659129 169281	100	0	0	0	0	0	0	<1	0	N1E	N29W

	1	2	3	4	5	6	7	8	9	10a	10b
74. Storskär:											
659099 169287	92	1	7	0	<1	<1	<1	<1	<1	N-S	N7W
75. Inre Alharan:											
659590 169411	88	1	9	0	<1	0	0	2		N7W	-
76. Yttre Alharan:											
659589 169450	92	0	8	0	<1	0	0	<1		N11WN-S	
77. Fiskekobb:											
659339 169550	96	<1	4	0	<1	0	0	0		N2W	-

Map: 10K/11K Svenska Högarna NV, Söderarm SV

	1	2	3	4	5	6	7	8	9	10a	10b
78. Gillöga Storskär:											
659305 170070	100	0	<1	0	0	0	0	<1		-	-
79. Stångkobbar:											
659377 170011	82	3	11	0	1	0	0	3		N2W	-
80. Västerskär:											
659449 170060	74	4	18	0	1	<1	<1	3		N2W	N22W
81. Storön:											
659747 170956	82	12	0	0	0	1	<1	5		N7W	-
82. Klitaskär:											
660291 170114	100	0	0	0	0	<1	0	<1		N3W	-
83. Halsskär:											
660446 170060	83	2	8	0	1	6	0	0		N8W	N30W
84. Stora Bredskär:											
660426 170140	70	3	12	0	1	2	1	11		N4W	N32W
85. Stora Vånskär:											
660521 170150	75	3	9	0	1	2	1	9		N9W	N13E
86. Kläpparna:											
660689 170810	89	2	8	0	0	0	0	1		N2W	-
87. Västerskär:											
660815 170615	83	2	11	0	0	1	<1	3		N3W	-
88. Norr-Raden:											
660807 170692	85	3	11	0	0	0	0	1		N2W	N18W
89. Salskärskobb:											
660847 170734	88	2	7	0	1	0	0	2		N2W	-
90. Svartkobb:											
660936 170863	-	-	-	-	-	-	-	-		N-S	N20W
91. Skarvs Bodskär:											
660810 171136	99	<1	1	0	<1	0	0	<1		N2W	-
92. Stora Flyttjan:											
660967 171189	88	2	7	0	1	0	0	2		N4E	-
93. Svenska Stenarna:											
661315 171341	81	3	11	0	1	<1	0	5		N2W	-
94. Måskobben:											
661284 170528	68	5	19	<1	0	1	0	7		N2W	-
95. Rödars Storskär:											
661324 170484	86	2	6	0	0	<1	<1	6		N2W	-
96. Kläppen:											
661460 170487	100	0	0	0	0	<1	0	<1		-	-

SEDIMENTARY ERRATICS....

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	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
97. Norrskäret:											
661454 170525	57	5	17	3	0	3	1	12	N1E	-	
98. Bäcksjär:											
661425 170563	56	18	18	0	0	1	1	6	N-S	-	
99. Österskäret:											
661427 170665	66	8	19	0	1	1	<1	5	N1E	-	
100. Järnkobben:											
661484 170706	100	<1	<1	0	0	0	0	<1	N1E	-	
101. Inner-Tridingen:											
661590 170785	-	-	-	-	-	-	-	-	N1E	-	
102. Bredkobben:											
661310 170585	72	3	12	3	1	1	0	8	N3W	N26E	
103. LillHögskär:											
661255 170605	87	<1	11	1	1	0	0	<1	N6W	-	

Map: 11J Norrtälje SV

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
104. Västerskäret:											
660405 167400	99	1	<1	0	<1	0	0	0	N6W	-	
105. Östra Lagnö:											
660751 166995	97	3	<1	0	0	<1	0	<1	N6E	N28W	
106. Skälbottna:											
660889 166890	98	2	<1	0	<1	0	0	0	N-S	-	
107. Långnäsharorna:											
660925 166980	99	1	<1	0	0	<1	0	0	N1W	N30W	
108. Stora Idskäret:											
660852 167115	100	<1	<1	0	<1	<1	0	0	N6W	-	
109. Österlinkudden:											
661042 167420	100	<1	<1	0	<1	<1	0	0	N-S	N30W	
110. Löparö:											
661270 165357	94	1	0	0	<1	4	1	0	-	-	

Map: 11J Norrtälje SO

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
111. Långharan:											
660172 168980	82	4	14	0	0	0	0	<1	N2W	N22W	
112. Kallskär, eastern and southern parts:											
660154 169017	82	4	14	<1	0	0	<1	<1	N2W	N17W	
113. Kallskär:											
660230 169019	74	5	21	0	0	<1	0	<1	N2W	N22W	
114. Islet west of Brännharan:											
660255 169135	72	6	22	<1	0	0	0	0	N2W	-	
115. Brännharan:											
660249 169156	85	3	10	0	<1	1	0	1	N2W	-	
116. Norrskäret:											
660761 169683	100	<1	0	0	0	0	0	<1	-	-	
117. In-Fredel:											
660704 169930	83	0	11	0	<1	1	0	5	N2W	N8E	

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
118. Rödlöga:											
661280 169040	52	13	31	0	1	2	<1	1	N1E	N34W	
119. Norröra:											
661785 168125	79	<1	19	0	1	1	0	0	N2W	-	
120. Alkobben-Kläppen:											
661669 169480	66	4	9	0	<1	11	1	9	N1E	N24W	
121. Hallandsberg:											
661635 169530	76	5	12	0	<1	2	0	5	-	-	
122. Tistraskär:											
661701 169505	76	5	11	0	<1	6	0	2	N1W	N29W	
123. Gummaskär:											
661715 169520	71	6	14	0	<1	5	0	4	N5W	N39W	
124. Nordanvädersskär:											
661784 169568	62	6	14	0	<1	10	0	8	N2W	-	
125. Vidinge:											
662024 169033	65	7	26	<1	<1	1	<1	1	N-S	-	
126. Ålandet:											
662335 167926	87	2	8	0	0	1	1	1	N20E	-	
127. Gårdsören:											
662360 168773	28	14	50	<1	2	0	6	0	N4E	-	
128. Brännskär:											
662367 168829	50	11	39	<1	0	0	0	0	-	-	

Map: 11J Norrtälje NV

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
129. Borgmästarholmen:											
662995 166480	98	2	0	0	0	0	0	0	N7W	-	
130. West of Sjötorp:											
663765 165749	60	0	0	0	5	16	19	<1	-	-	
131. Ekskogen:											
663714 166065	100	0	0	0	0	0	0	0	-	-	
132. West of Norra Järsö:											
664138 165852	100	0	0	0	0	0	0	0	N30W	-	
133. Bottna:											
664060 166773	100	0	0	0	<1	0	0	0	-	-	
134. Eklund:											
664240 166917	97	0	0	0	2	1	<1	0	-	-	
135. Söderholmen:											
664699 167419	89	<1	0	0	<1	6	5	0	N10E	N5W	
136. Vätö:											
664175 167675	91	6	0	0	0	1	2	0	N15E	N2W	

Map: 11J/11K Norrtälje NO, Söderarm NV

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
137. Simpås:											
664350 168340	44	15	41	0	0	0	<1	0	-	-	
138. Utaná:											
664525 167905	66	7	19	0	0	7	0	0	-	-	

SEDIMENTARY ERRATICS....

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	1	2	3	4	5	6	7	8	9	10a	10b
139. Delskär:											
664036 168598	53	12	35	0	0	0	0	0	0	N7W	-
140. Villösan:											
664067 168605	39	16	44	0	0	0	0	0	1	N2W	-
141. Stridsholmen:											
663736 168563	43	2	54	0	<1	0	1	<1		N18E N57W	
142. Idö:											
663593 168545	30	2	67	0	0	0	0	0	1	-	-
143. Rävsnäs:											
663056 168415	70	11	19	0	0	0	<1	0		-	-
144. Granhamn:											
662830 168690	60	14	25	0	0	1	<1	<1		N4W	-
145. Stor-Hillö:											
662902 168760	58	15	27	0	0	0	0	0		N1W	-
146. Islet southeast of Stor-Hillö:											
662881 168812	58	11	29	0	2	<1	<1	0		N2W	-
147. Trången:											
662966 169039	43	15	39	0	3	<1	0	0		N-S	-
148. Islet southeast of Trången:											
662929 169083	34	23	43	0	0	<1	<1	<1		N4W	-
149. Ötterkubbarna:											
662934 169140	38	16	43	0	3	0	0	<1		N3E	-
150. Islet east of Öringen:											
663007 169116	44	15	38	0	3	0	0	<1		-	-
151. Islet southeast of Öringen:											
663010 169090	36	17	44	0	3	0	<1	<1		-	-
152. Trollskär:											
663139 168855	51	12	34	0	0	2	1	0		N8E	-
153. East part of Gisslingsö:											
663226 168975	54	12	34	0	0	0	0	0		N-S	-
154. West part of Gisslingsö:											
663315 168855	55	16	29	0	0	0	0	0		N1E	-
155. Österskäret:											
663580 169230	52	14	27	6	0	0	0	1		N7E	-
156. Karingboskäret:											
663305 169260	64	7	12	8	0	1	<1	8		N3E	-
157. Västra Knölskär:											
663225 169160	24	24	45	7	0	0	0	<1		N-S	-
158. Islet southeast of Västra Knölskär:											
663228 169205	30	18	49	<1	3	0	0	<1		N6W	-
159. Söderö:											
663095 169125	57	11	31	0	1	0	0	0		N4W	-
160. Staffansängen:											
663108 169182	44	15	39	0	2	<1	0	<1		N8W N2W N8E	

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
161. Österskäret:											
663227 169599	51	13	32	1	1	0	0	2	-	-	
162. Trångskär:											
663371 169142	53	13	33	0	1	0	0	<1	N4W	-	
163. Islet southeast of Trångskär:											
663325 169180	65	10	24	0	1	<1	0	<1	N2W	-	
164. Idskäret:											
662690 169874	68	6	16	0	1	0	1	8	N1E	N39W	
165. Alskäret:											
662748 169825	73	5	11	0	<1	0	0	11	-	-	
166. Nordanväderskobbarna:											
662855 169809	69	8	19	0	1	<1	0	3	N-S	N22W	
167. Gjusharorna:											
663015 169878	74	7	16	0	1	0	0	2	N-S	N18W	
168. Bredskär:											
662891 169946	69	7	18	0	1	1	0	4	N2W	-	
169. Kläppen:											
662598 170301	63	10	23	<1	1	<1	0	3	N-S	-	
170. Islet southeast of Lillrävskär:											
662822 170121	64	9	22	0	1	1	0	3	N1E	-	
171. Klinkorna:											
662886 170130	62	10	25	0	<1	1	0	2	N1E	-	
172. Krånkorna:											
662911 170043	64	9	22	0	1	1	0	3	N1E	N42W	
173. Korpskär:											
662918 170130	59	7	28	0	1	1	<1	4	N1E	-	
174. Bäcksjär:											
662980 170096	63	10	24	0	0	1	0	2	N2W	-	
175. Norrharorna:											
663012 170045	63	9	23	0	1	1	0	3	N9W	N44W	
176. Söderbådan:											
663180 170280	60	10	23	0	1	2	<1	4	N1E	N44W	
177. Stor-Mulan:											
662944 170369	44	0	35	0	0	3	<1	6	N4W	N34W	
178. Landkobben:											
662844 170398	58	2	30	1	1	3	<1	5	N5E	-	
179. Stora Mellkobben:											
662725 170405	68	1	17	3	1	4	<1	6	N12E	-	
180. Bäcksjär:											
62669 170263	60	10	25	<1	0	1	<1	4	N3E	-	
181. Inre Skötbådan:											
662580 170245	-	-	-	-	-	-	-	-	N8E	-	
182. Östra Klitaskär:											
662594 170252	57	10	25	0	1	1	0	6	N6E	-	

Map: 12J Grisslehamn SV

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
183. Southeast of Grisslehamn:											
666774 166757	87	0	0	0	2	9	2	<1	-	-	
184. Grisslehamn:											
666836 166781	81	0	0	0	3	13	3	<1	N22W	-	
185. West of Grisslehamn:											
666895 166574	88	0	0	0	1	9	2	<1	N60W	-	
186. Storkråkan:											
667332 165950	86	0	0	0	0	14	0	0	N38W	-	
187. Gränsskäret:											
667300 165887	95	0	0	0	<1	5	<1	0	N42W N24W		
188. Smultronskäret:											
667295 165800	100	0	0	0	<1	<1	0	0	N61W	-	
189. South of Singö Bay:											
667072 166081	89	0	0	0	1	9	2	0	N32W N52W		

Map: 12J Grisslehamn NV

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
190. Bodskäret:											
668825 166017	100	0	0	0	0	<1	<1	0	-	-	
191. Nötskäret:											
668805 165610	99	0	0	0	<1	1	<1	<1	N34W N26W		
192. Långgrundet:											
668209 166090	96	0	0	0	4	<1	0	0	N67W	-	
193. Lambdskär:											
668011 165990	99	0	0	0	<1	1	0	0	N52W	-	
194. Gåsten:											
668007 166505	94	0	0	0	0	6	0	0	N20E N62E		

Sea Chart: Ålands Hav "System A" 719

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10a</u>	<u>10b</u>
195. West of Karrböle:											
N 60° 10,0'											
E 19° 57,0'	82	18	0	0	0	0	0	0	-	-	
196. East of Gunnarsdal:											
N 60° 25,5'											
E 19° 54,0'	58	38	0	<1	<1	<1	0	3	-	-	

LIST OF LOCALITIES WITH DOLOMITIC BALTIC LIMESTONE

Localities in the Stockholm archipelago area where dolomitic Baltic Limestone erratics were found. Map references are made to the field map 1:50,000. Localities marked with an asterisk (*) represent unpublished material of dolomitic Baltic Limestone erratics from the museum of the Geological Survey of Sweden, Uppsala. Column 1: Geographic position.

Map: 10I Stockholm NO

1. Norra Värtan:	<u>1</u> 669282 167944
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Map: 9J/10J Huvudskär NV, Värmdö SV

2. Stora Tallkobben:	<u>1</u> 656272 167206
3. Vidskär:	657295 167245

Map: 10J Värmdö NV

4. Träskö Storö:	<u>1</u> 659553 166920
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Map: 10J Värmdö SO/NO

5. Gjusskär:	<u>1</u> 658640 169012
6. Björkskär:	658735 168840
7. Tvikobb:	659045 168306

Map: 10K/11K Svenska Högarna NV, Söderarm SV

8. Stångkobbararna:	<u>1</u> 659377 170054
9. Storön:	659747 170956
10. Klitaskär:	660291 170114
11. Stora Vånskär:	660521 170150
12. Västerskär:	660815 170615
13. Norraden:	660807 170692
14. Saltskärskobb:	660847 170734
15. Skarvs Bodskär:	660810 171136
16. Stora Vitkobb:	660810 171136
17. Måskobben:	661284 170528
18. Röders Storskär:	661324 170484
19. Kläppen:	661460 170487
20. Norrskäret:	661454 170525
21. Bäcksjär:	661425 170706
22. Järnkobben:	661484 170706
23. Bredkobben:	661310 170585

Map: 11J Norrtälje SO

	1
24. Långharan:	660172 168980
25. Kallskär:	660230 169019
26. Brännharan:	660249 169156
27. Norrskäret:	660761 169683
28. In-Fredel:	660704 169930
29. Alkobben Kläppen:	661669 169480
30. Hallandsberg:	661635 169530
31. Tistronskär:	661701 169505
32. Gummaskär:	661715 169520
33. Nordanvädersskäret:	661784 196568
34. Storharen: *	662300 169745

Map: 11J/11K Norrtälje NO, Söderarm NV

	1
35. Stridsholmen:	663736 168563
36. Granhamn:	662830 168690
37. Islet southeast of Trångan:	662929 169083
38. Ötterkubbarna:	662934 169140
39. Större Ledskäret:	669905 169275
40. Islet east of Öringen:	663007 169116
41. Staffansängen:	663108 169182
42. Karingboskäret:	663305 169260
43. Idskäret:	662690 169874
44. Nordanväderskobbarna:	662855 169809
45. Gjusharorna:	663015 169878
46. Islet southeast of Lillrävskär:	662822 170121
47. Klinkorna:	662886 170130
48. Korpskär:	662918 170130
49. Norrharorna:	663012 170045
50. Söderbådan:	663180 170280
51. Stor-Mulan:	662944 170369
52. Bäcksikäret:	662669 170263

Map: 11J Norrtälje SV

	1
53. Svanberga:	663950 165995

Map: 12J Grisslehamn SV

	1
54. Grisslehamn: *	666800 165995
55. Stora Fjällmark: *	666000 166000

Map: 12I Östhammar NO

	1
56. Sund: *	669100 163900
57. Bolka: *	669100 164100
58. Ulriksberg: *	668400 164100
59. Gräsö: *	669500 164600

Map 13J Grundkallen SV

60. Stenskär: *	$\frac{1}{670375 \ 165160}$
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Map: 13H Gävle NV

61. Kycklinge: *	$\frac{1}{673275 \ 156945}$
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Map: 10G Strängnäs NV

62. 2.5 km NE of Arboga: *	$\frac{1}{663300 \ 150400}$
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Sea Chart: Åland Hav "System A" 719

63. Gunnarsdal:	$\frac{1}{N \ 60^{\circ} \ 25,5; \ E \ 19^{\circ} \ 54,0'}$
64. Bamböle:	$N \ 60^{\circ} \ 15,1'; \ E \ 19^{\circ} \ 51,0'$

Submarine occurrences in the Åland Sea (SPERESAT)¹

65. Site - 4:	$\frac{1}{1675075 \ 6659475}$
66. Site - 7:	1676250 6653325
67. Site - 30:	1725300 6622850
68. Site - 32:	1710725 6642350
69. Site - 33:	1708075 6646300

¹See Söderberg & Hagenfeldt (1994).

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