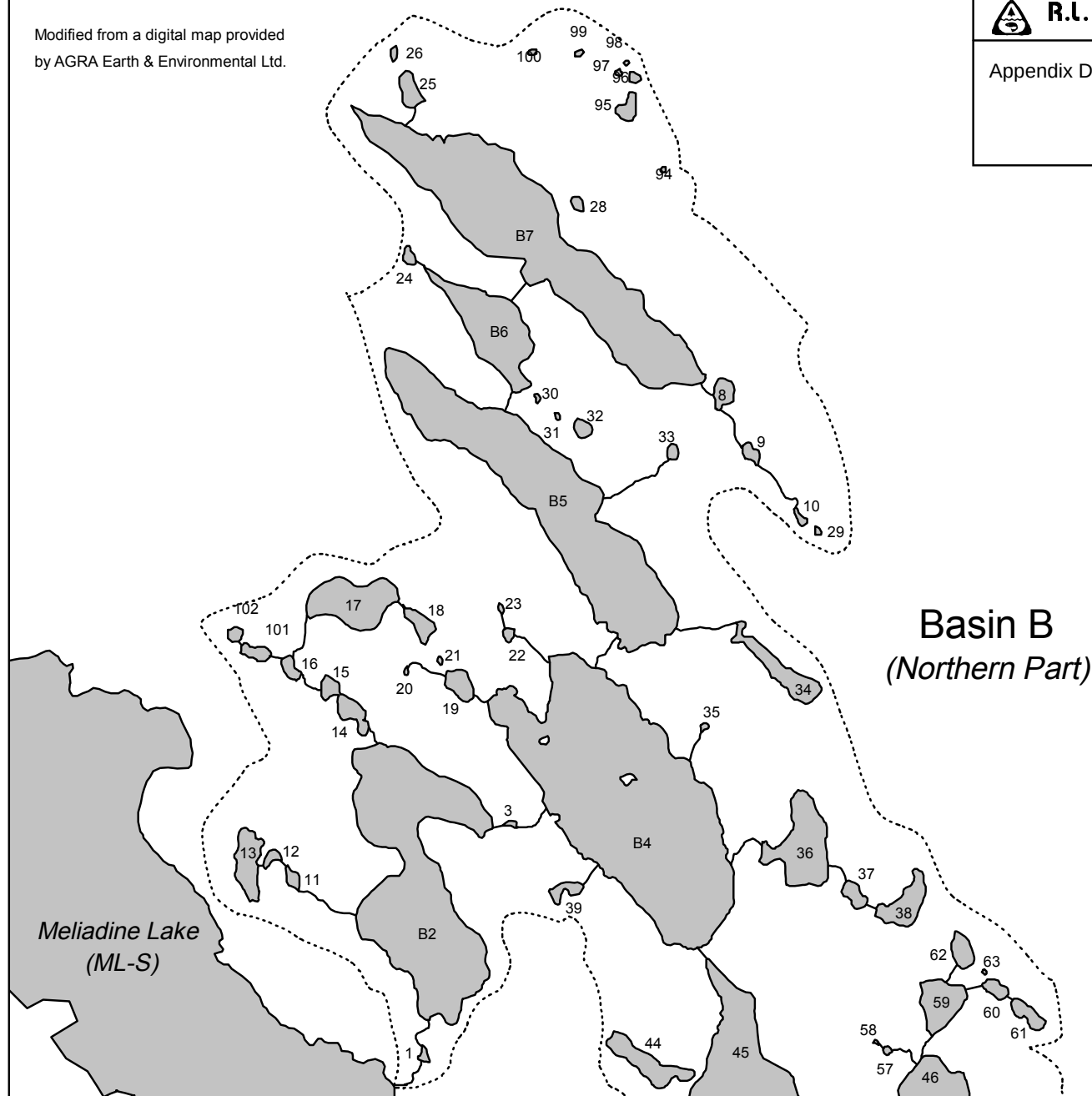


Modified from a digital map provided
by AGRA Earth & Environmental Ltd.

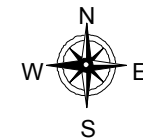


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Appendix D6c. Lakes and ponds in the northern part of
Basin B on the raised peninsula within
Meliadine Lake.

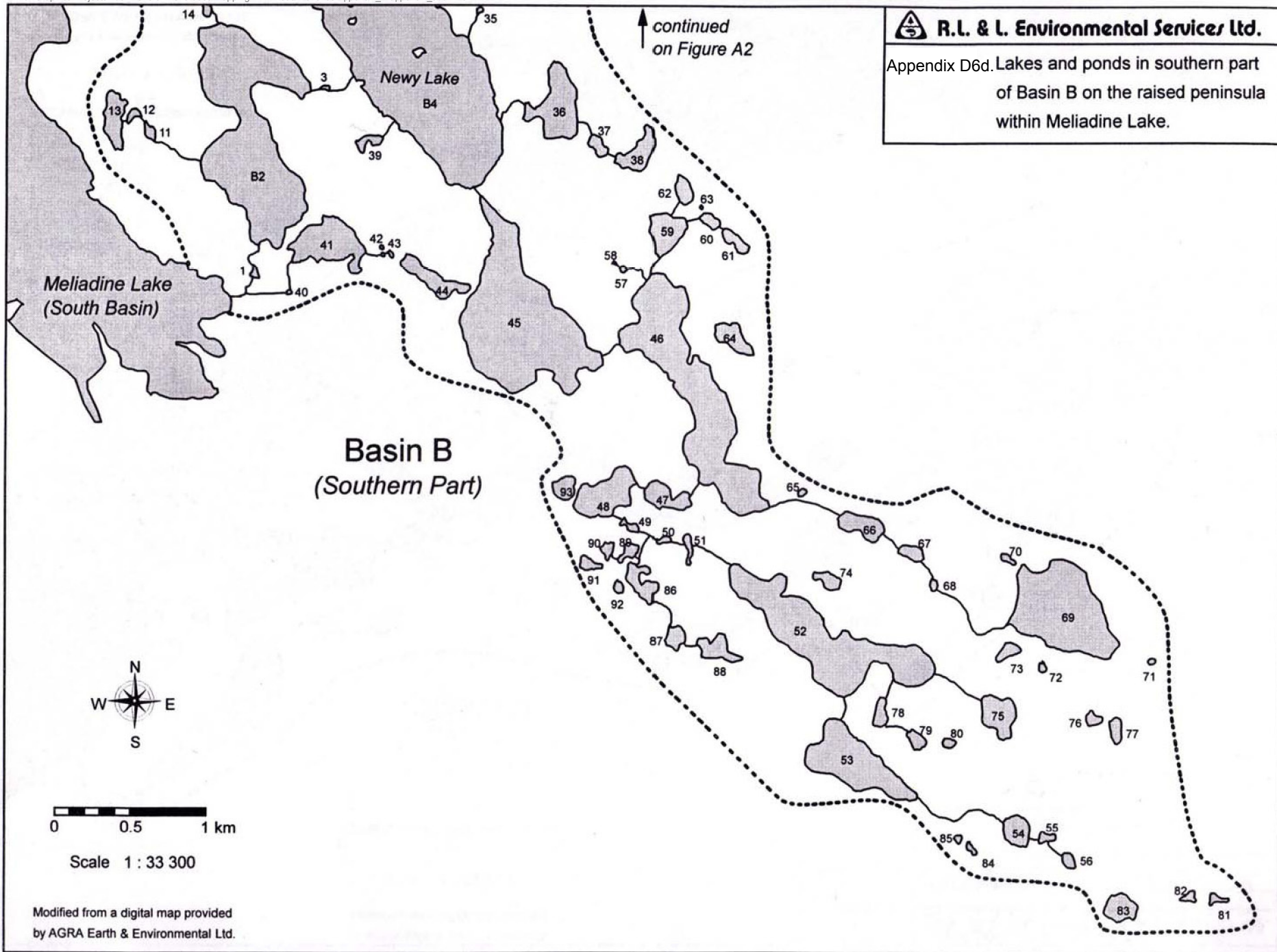


Basin B
(Northern Part)



0 0.5 1 km

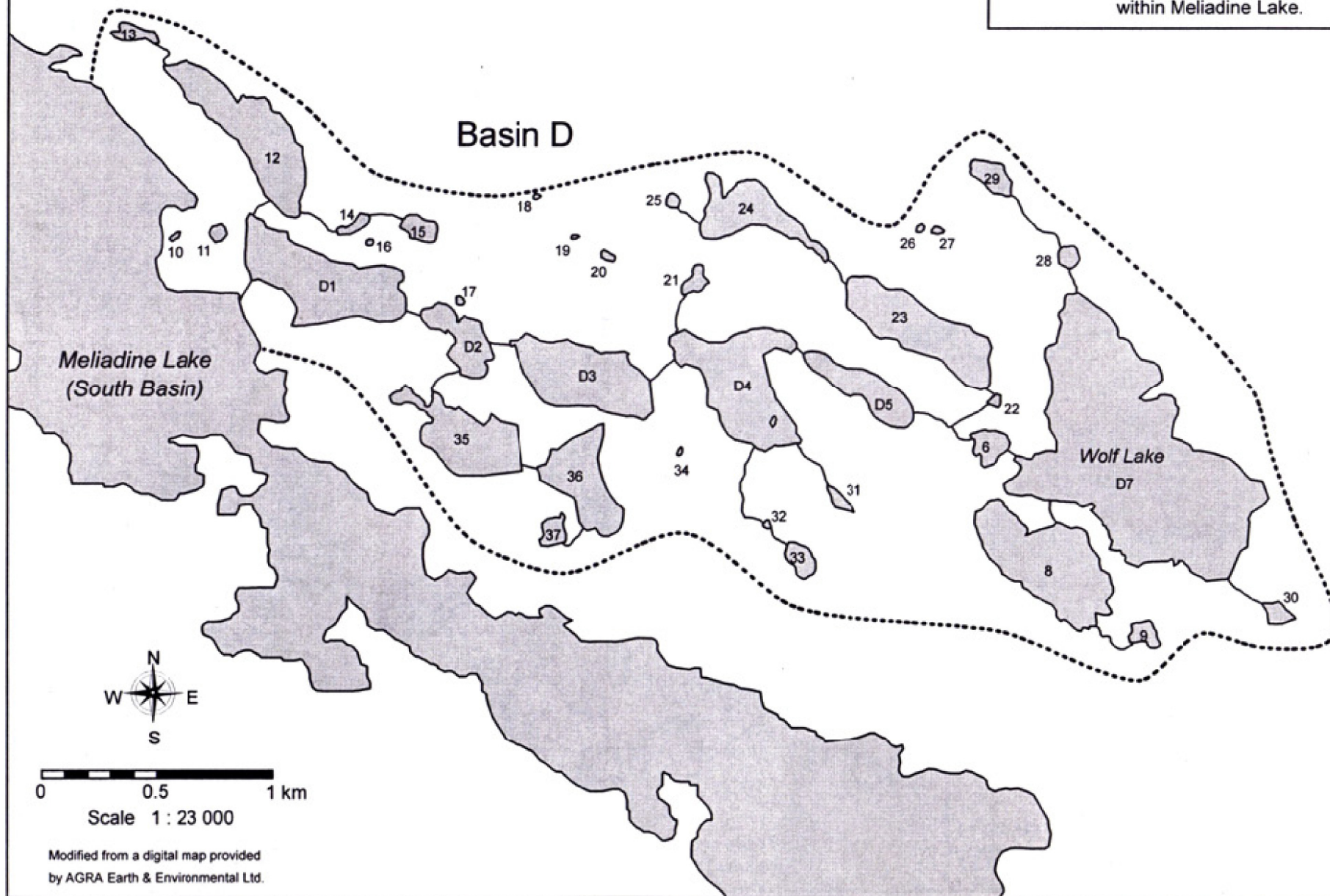
Scale 1 : 33 300





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Appendix D6e. Lakes and ponds in Basin D
on the raised peninsula
within Meliadine Lake.



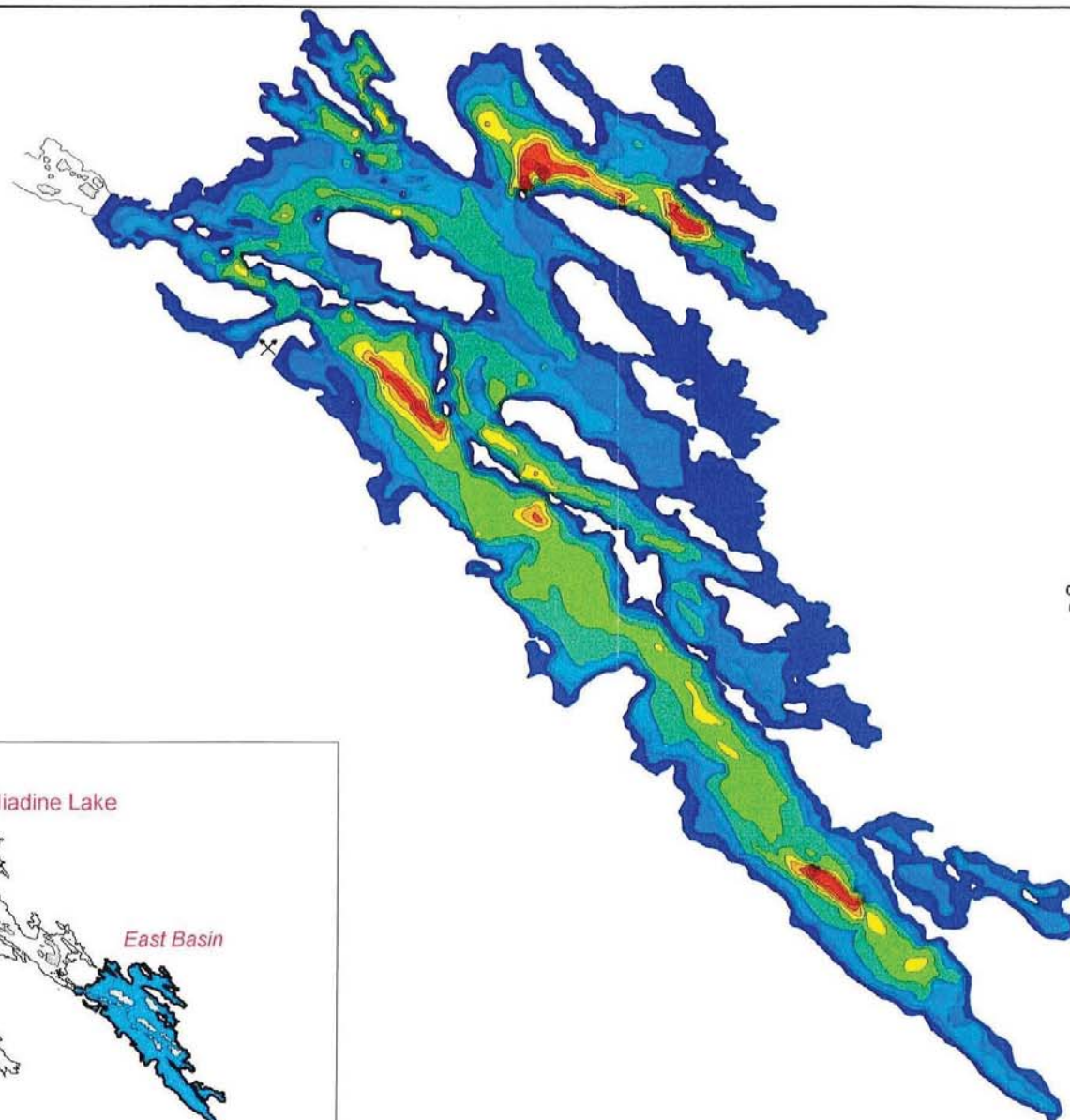
Appendix D7a. Vertical distribution of lake area and volume in surveyed waterbodies of the Meliadine Study Area, 1998-2009.

Lake/Pond	Area (ha) of Water Deeper than																
	0 m	0.5 m	1 m	1.5 m	2 m	2.5 m	3 m	3.5 m	4 m	4.5 m	5 m	5.5 m	6 m	6.5 m	7 m	7.5 m	8 m
Lake A6	54.61	44.13	36.30	25.15	18.14	11.66	4.92	1.61	0.25								
Lake A8	89.68	75.67	69.10	44.83	27.04	16.24	5.59	1.37	0.15								
Pond A54	6.15	3.24	1.45														
Lake B2	48.93	41.56	35.29	27.22	18.38	9.13	0.79										
Lake B4	86.24	61.52	36.90	11.67	2.85												
Lake B5	55.89	48.68	42.16	31.75	17.32	7.33	0.79										
Lake B6	11.85	9.10	7.31	4.25	3.19	2.31	1.29	0.40									
Lake B7	58.11	46.22	36.19	22.91	15.34	10.89	6.86	3.91	1.37	0.10							
Pond B9	0.63	0.48	0.23														
Pond B10	0.40	0.12															
Lake D1	17.80	14.17	10.95	6.87	3.45	0.03											
Lake D7	72.46	65.47	59.42	45.37	28.43	2.81											
Lake J1	17.50	15.84	14.29	12.29	4.21												
Chickenhead	134.96		86.64		48.38		21.82		9.57		4.87		2.25		0.85		0.23

Lake/Pond	Percentage (%) of Total Lake Area Deeper than																
	0 m	0.5 m	1 m	1.5 m	2 m	2.5 m	3 m	3.5 m	4 m	4.5 m	5 m	5.5 m	6 m	6.5 m	7 m	7.5 m	8 m
Lake A6	100.00	80.81	66.47	46.05	33.22	21.35	9.01	2.95	0.46								
Lake A8	100.00	84.38	77.05	49.98	30.15	18.10	6.23	1.53	0.16								
Pond A54	100.00	52.71	23.48														
Lake B2	100.00	84.94	72.13	55.64	37.56	18.65	1.61										
Lake B4	100.00	71.33	42.78	13.53	3.31												
Lake B5	100.00	87.10	75.43	56.80	30.98	13.11	1.42										
Lake B6	100.00	76.80	61.68	35.84	26.94	19.49	10.88	3.36									
Lake B7	100.00	79.54	62.27	39.42	26.40	18.74	11.81	6.72	2.36	0.17							
Pond B9	100.00	76.91	37.43														
Pond B10	100.00	29.71															
Lake D1	100.00	79.61	61.52	38.60	19.38	0.15											
Lake D7	100.00	90.35	82.00	62.61	39.24	3.88											
Lake J1	100.00	90.51	81.66	70.23	24.06												
Chickenhead	100.00		64.20		35.85		16.17		7.09		3.61		1.67		0.63		0.17

Lake/Pond	Volume (m³ x 10³) of Water Deeper than																
	0 m	0.5 m	1 m	1.5 m	2 m	2.5 m	3 m	3.5 m	4 m	4.5 m	5 m	5.5 m	6 m	6.5 m	7 m	7.5 m	8 m
Lake A6	839.26	598.86	396.68	245.27	137.98	62.52	20.39	3.82	0.53								
Lake A8	1419.32	1016.58	654.48	352.79	177.88	71.82	17.08	2.81	0.07								
Pond A54	35.46	13.39	1.68														
Lake B2	777.11	554.51	361.99	204.78	89.60	22.22	0.61										
Lake B4	753.51	388.63	145.14	34.15	2.41												
Lake B5	872.75	614.79	386.95	200.04	73.19	19.50	0.93										
Lake B6	165.40	115.28	74.19	45.75	27.46	13.58	4.57	0.38									
Lake B7	852.51	597.92	390.88	241.86	148.61	85.75	41.59	14.97	2.53	0.03	0.002						
Pond B9	4.95	2.17	0.31														
Pond B10	1.27	0.07															
Lake D1	217.57	139.31	76.10	31.75	6.49	0.002											
Lake D7	1183.39	841.10	528.03	261.02	71.92	2.00											
Lake J1	277.51	193.80	118.50	51.46	2.63												
Chickenhead	2324.04		1269.16		576.46		259.26		122.64		54.58		20.13		5.32		0.43

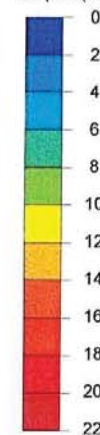
Lake/Pond	Percentage (%) of Total Lake Volume Deeper than																
	0 m	0.5 m	1 m	1.5 m	2 m	2.5 m	3 m	3.5 m	4 m	4.5 m	5 m	5.5 m	6 m	6.5 m	7 m	7.5 m	8 m
Lake A6	100.00	71.36	47.27	29.22	16.44	7.45	2.43	0.46	0.06								
Lake A8	100.00	71.62	46.11	24.86	12.53	5.06	1.20	0.20	0.005								
Pond A54	100.00	37.75	4.73														
Lake B2	100.00	71.36	46.58	26.35	11.53	2.86	0.08										
Lake B4	100.00	51.58	19.26	4.53	0.32												
Lake B5	100.00	70.44	44.34	22.92	8.39	2.23	0.11										
Lake B6	100.00	69.70	44.85	27.66	16.60	8.21	2.76	0.23									
Lake B7	100.00	70.14	45.85	28.37	17.43	10.06	4.88	1.76	0.30	0.004	0.0002						
Pond B9	100.00	43.90	6.18														
Pond B10	100.00	5.44															
Lake D1	100.00	64.03	34.98	14.59	2.98	0.001											
Lake D7	100.00	71.08	44.62	22.06	6.08	0.17											
Lake J1	100.00	69.84	42.70	18.54	0.95												
Chickenhead	100.00		54.61		24.80		11.16		5.28		2.35		0.87		0.23		0.02



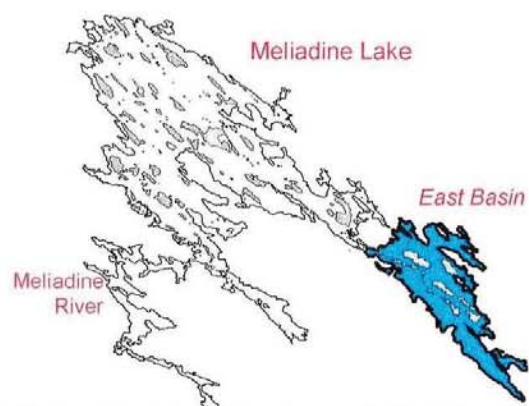
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Kilometres

LEGEND

Depth (m)



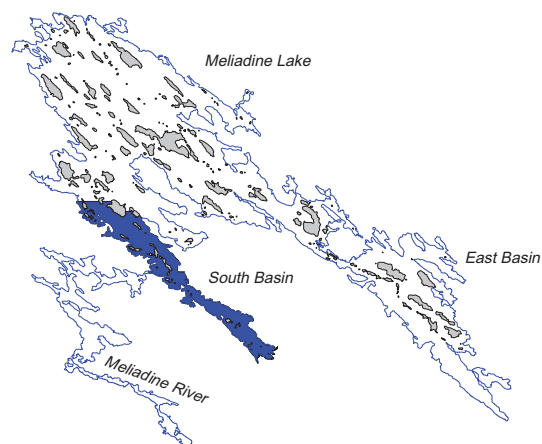
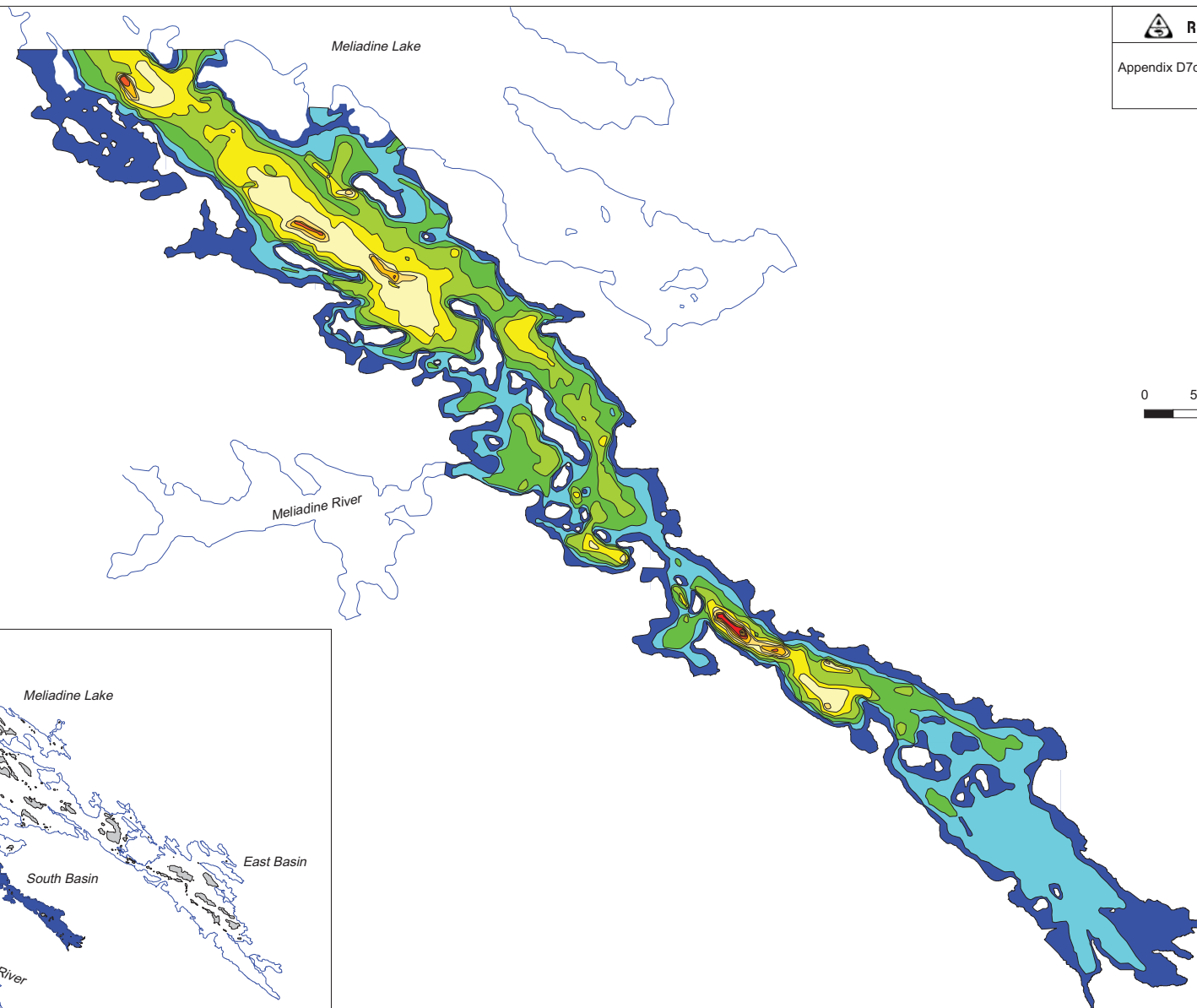
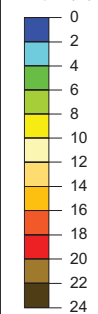
 WMC Camp

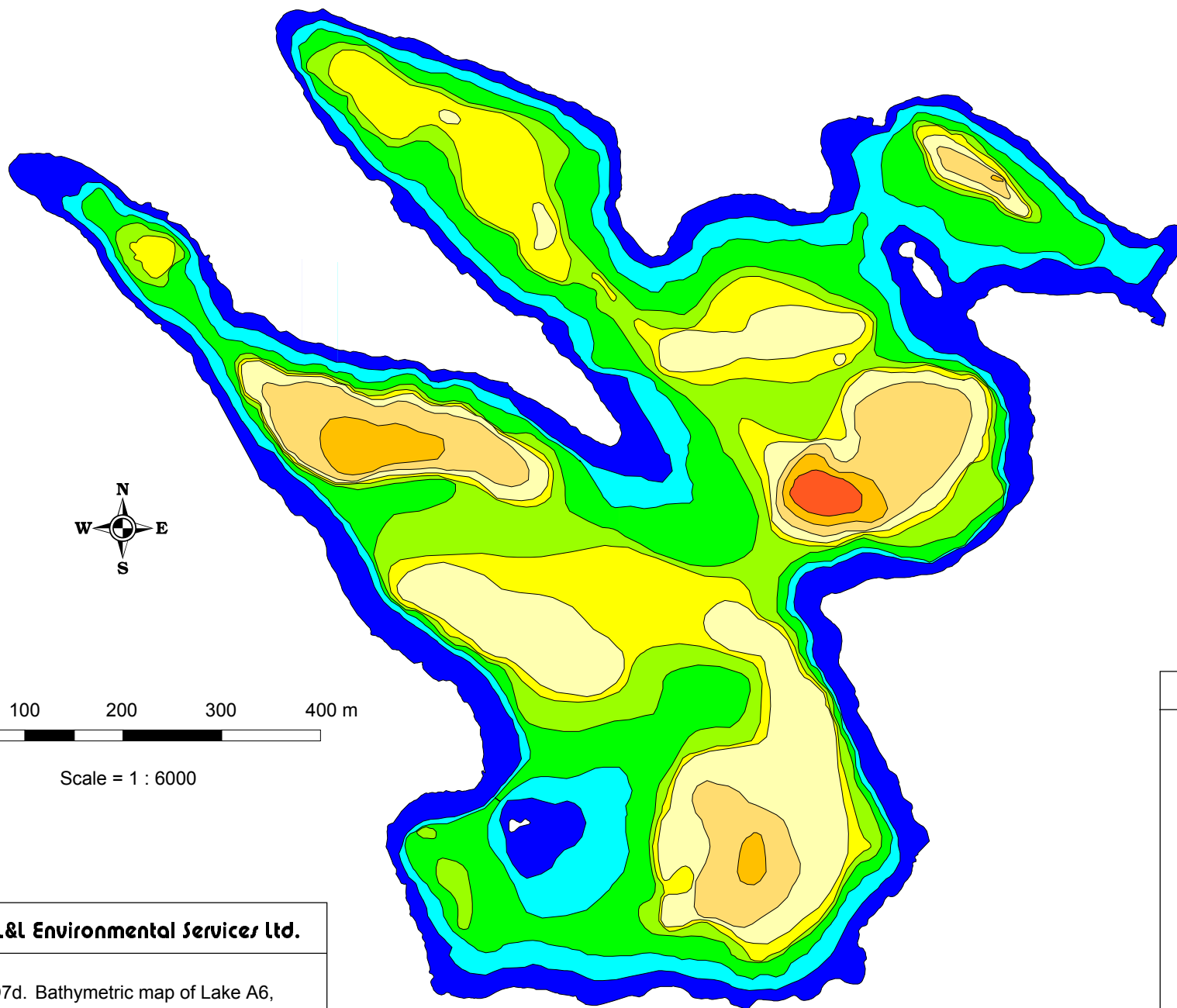




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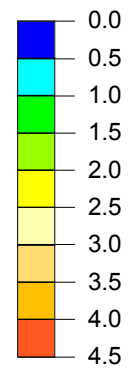
Depth (m)





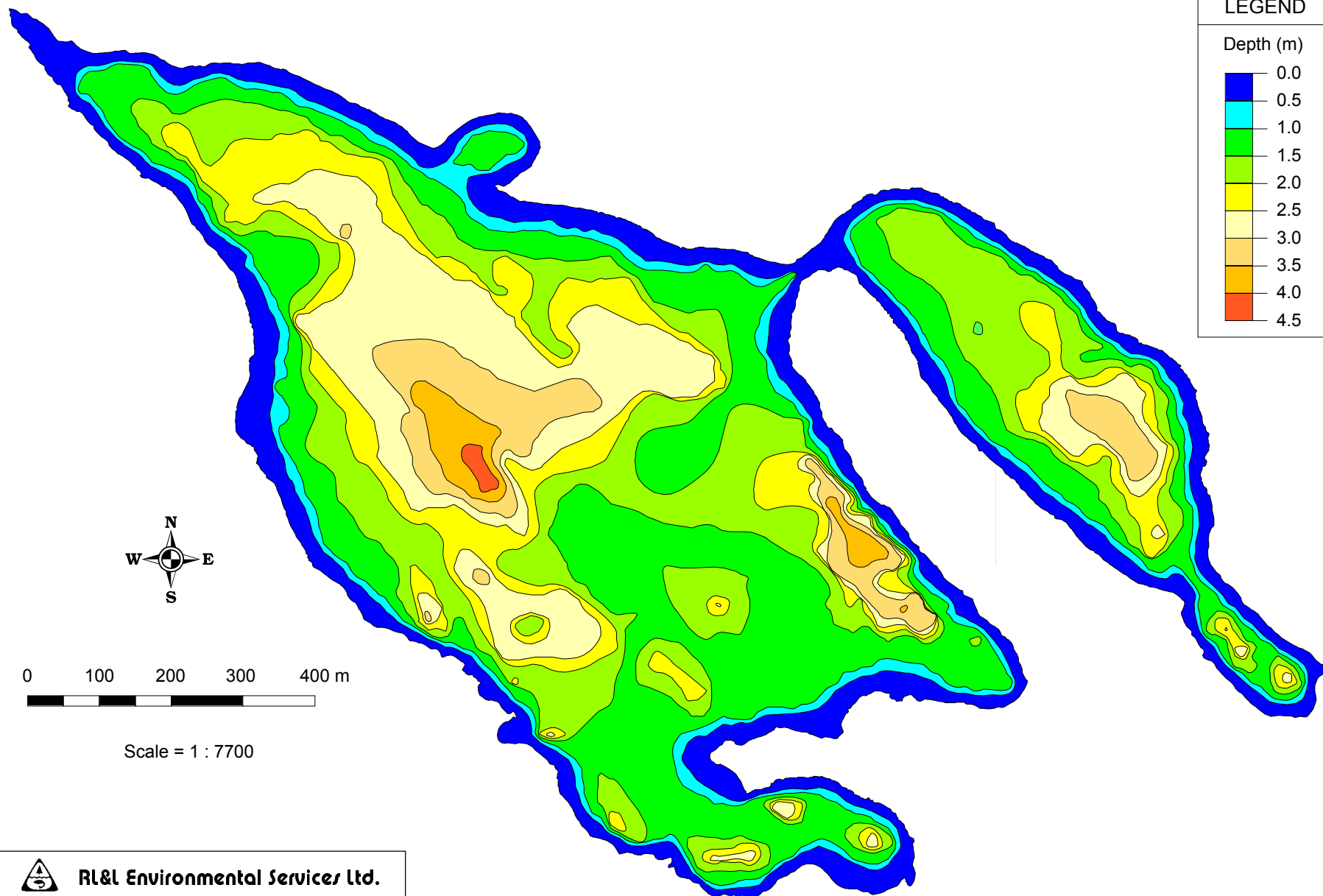
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Depth (m)



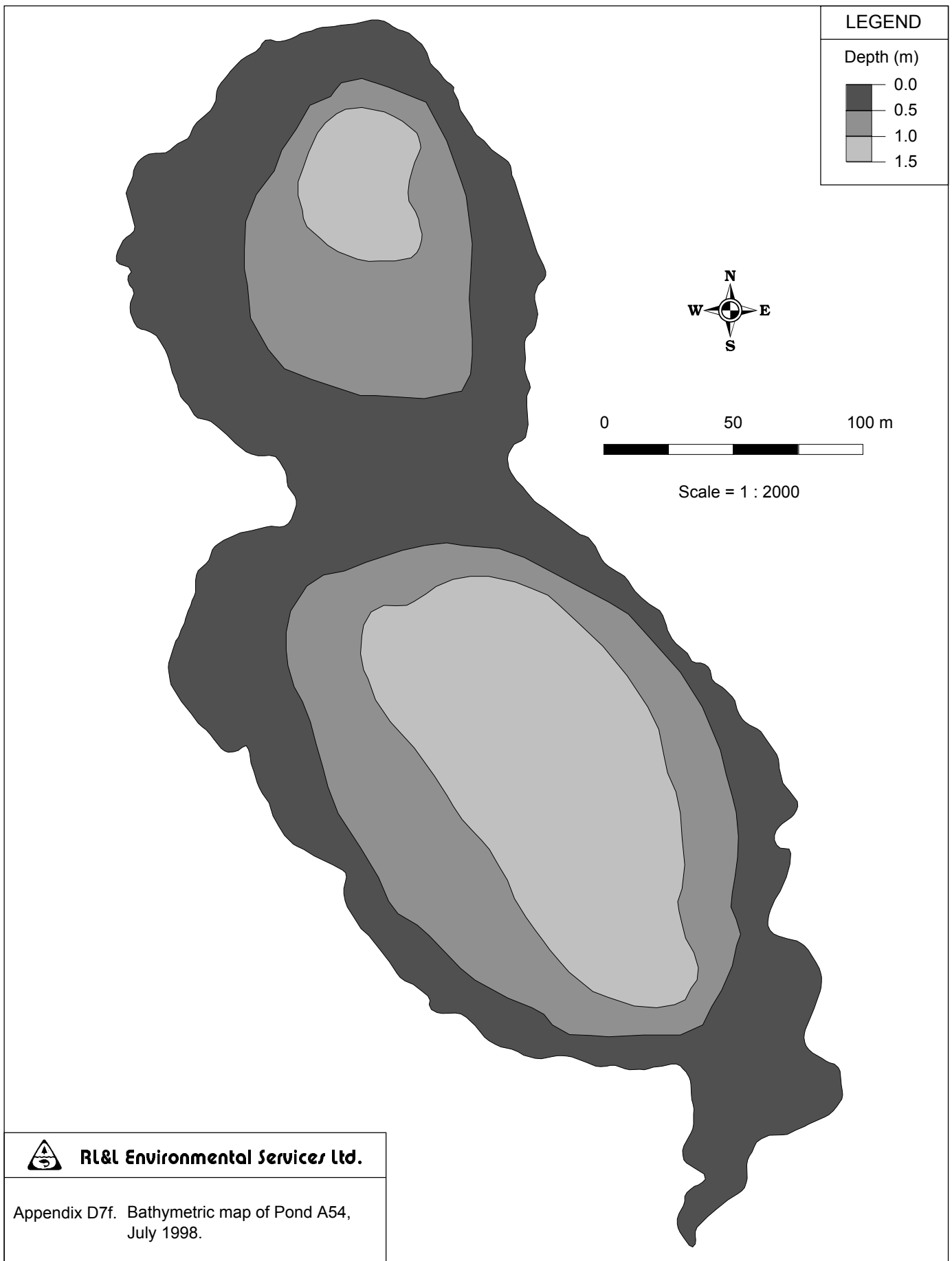
RL&L Environmental Services Ltd.

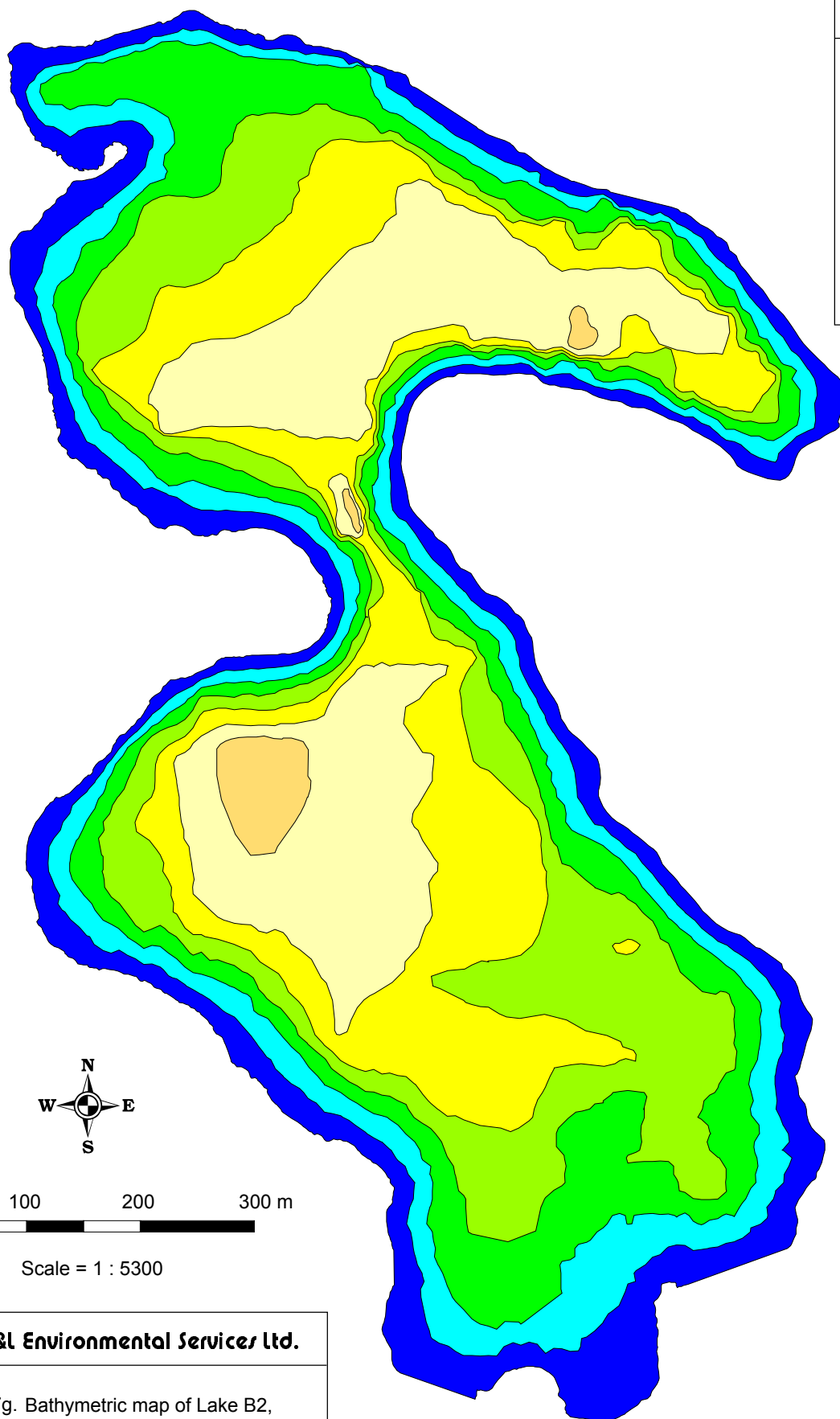
Appendix D7d. Bathymetric map of Lake A6,
July 1998.



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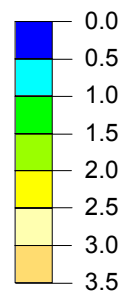
Appendix D7e. Bathymetric map of Lake A8,
July 1998.





LEGEND

Depth (m)



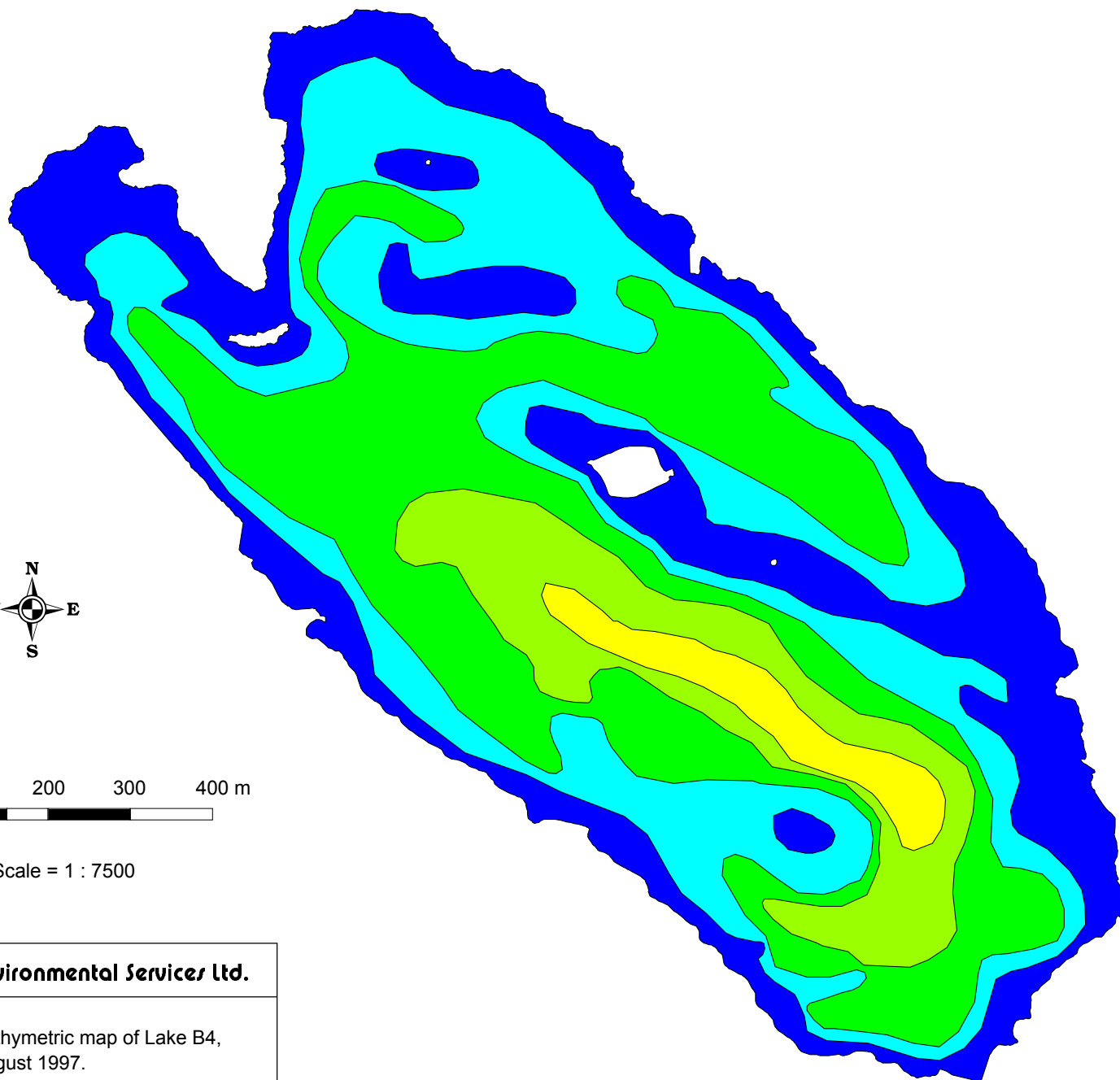
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Scale = 1 : 5300



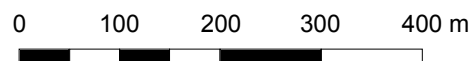
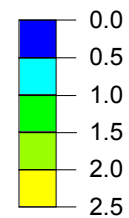
RL&L Environmental Services Ltd.

Appendix D7g. Bathymetric map of Lake B2,
July 1998.



LEGEND

Depth (m)

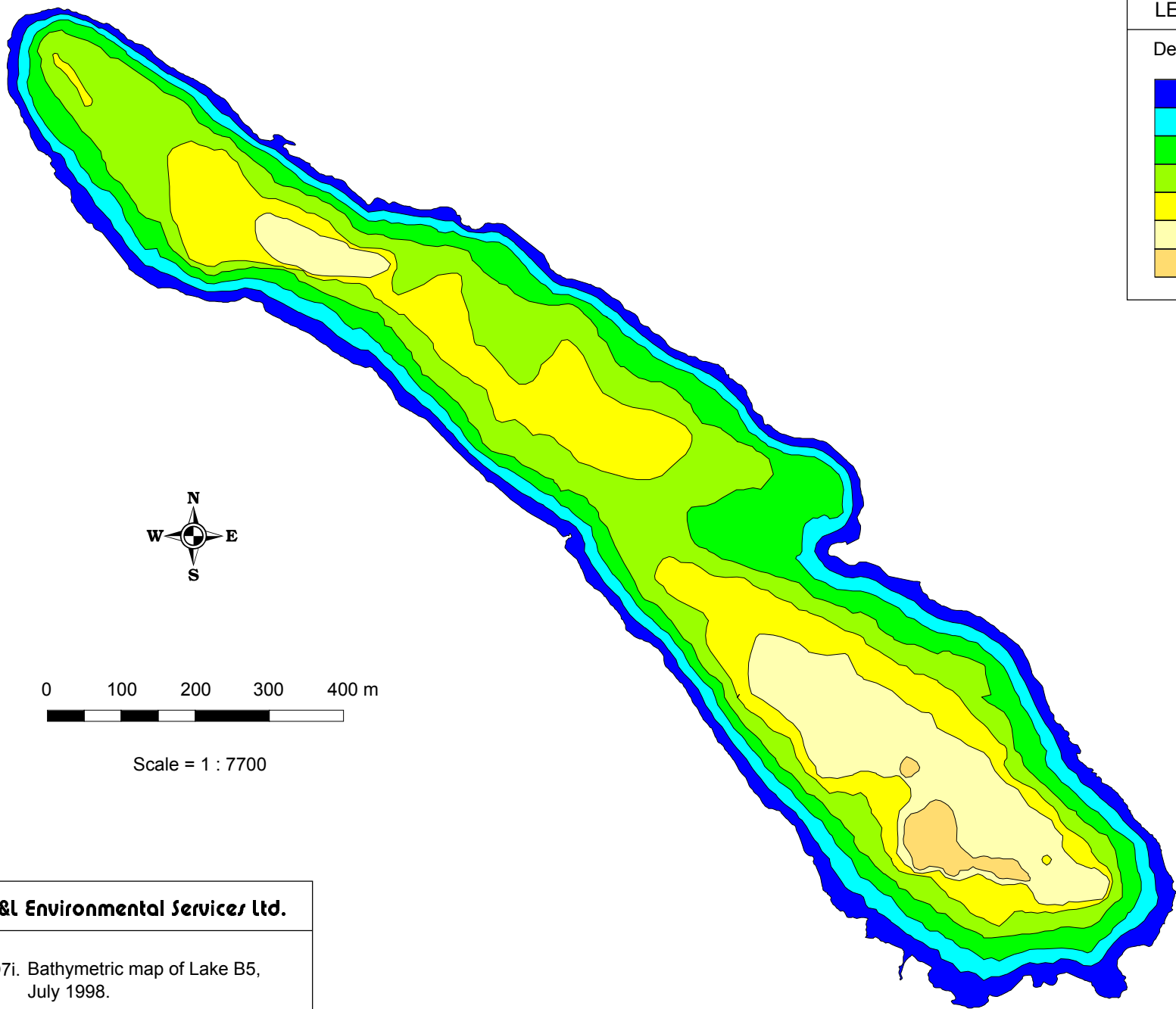


Scale = 1 : 7500



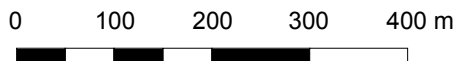
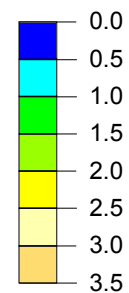
RL&L Environmental Services Ltd.

Appendix D7h. Bathymetric map of Lake B4,
August 1997.



LEGEND

Depth (m)

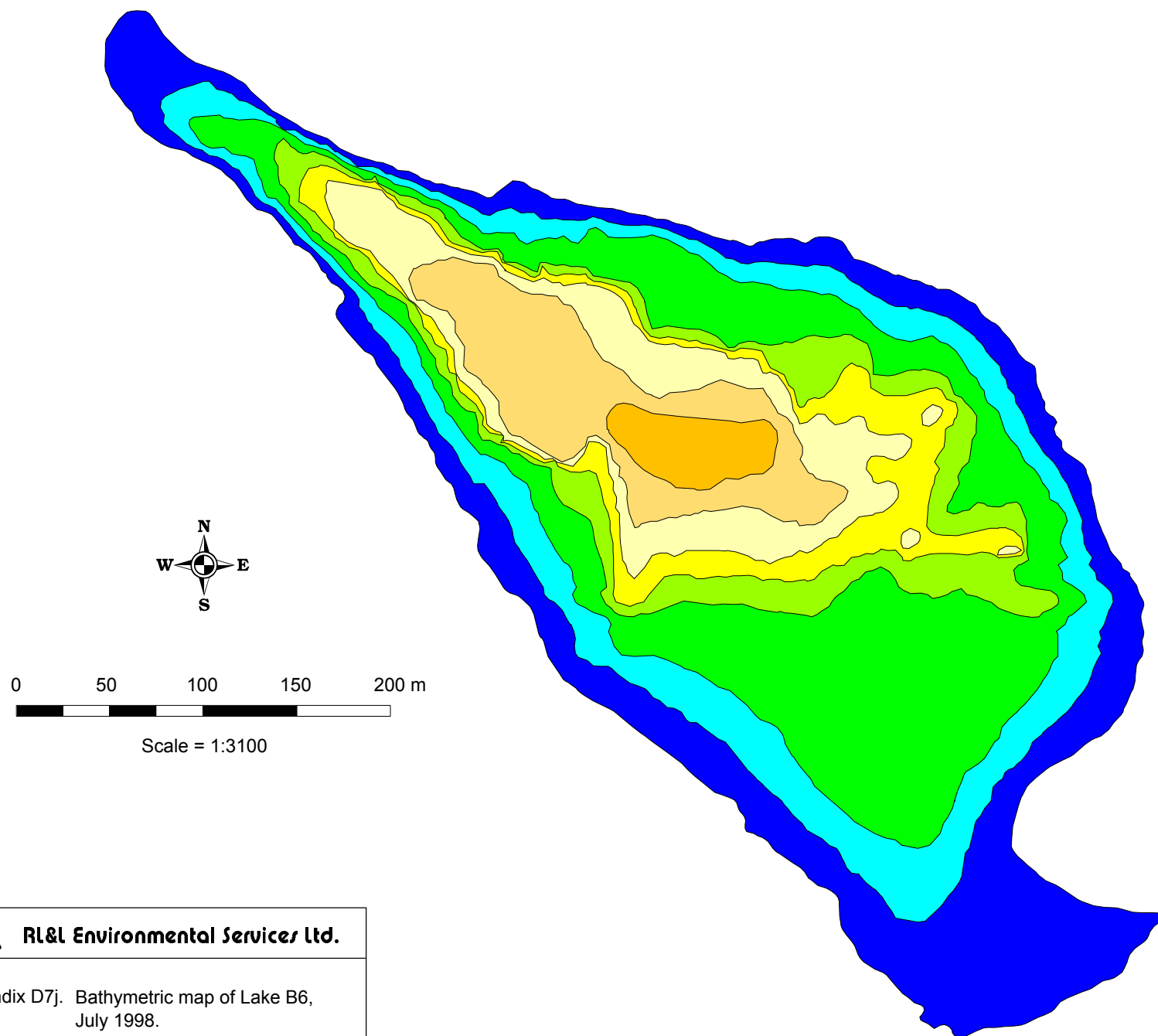


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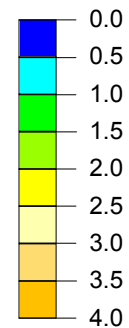
RL&L Environmental Services Ltd.

Appendix D7i. Bathymetric map of Lake B5,
July 1998.



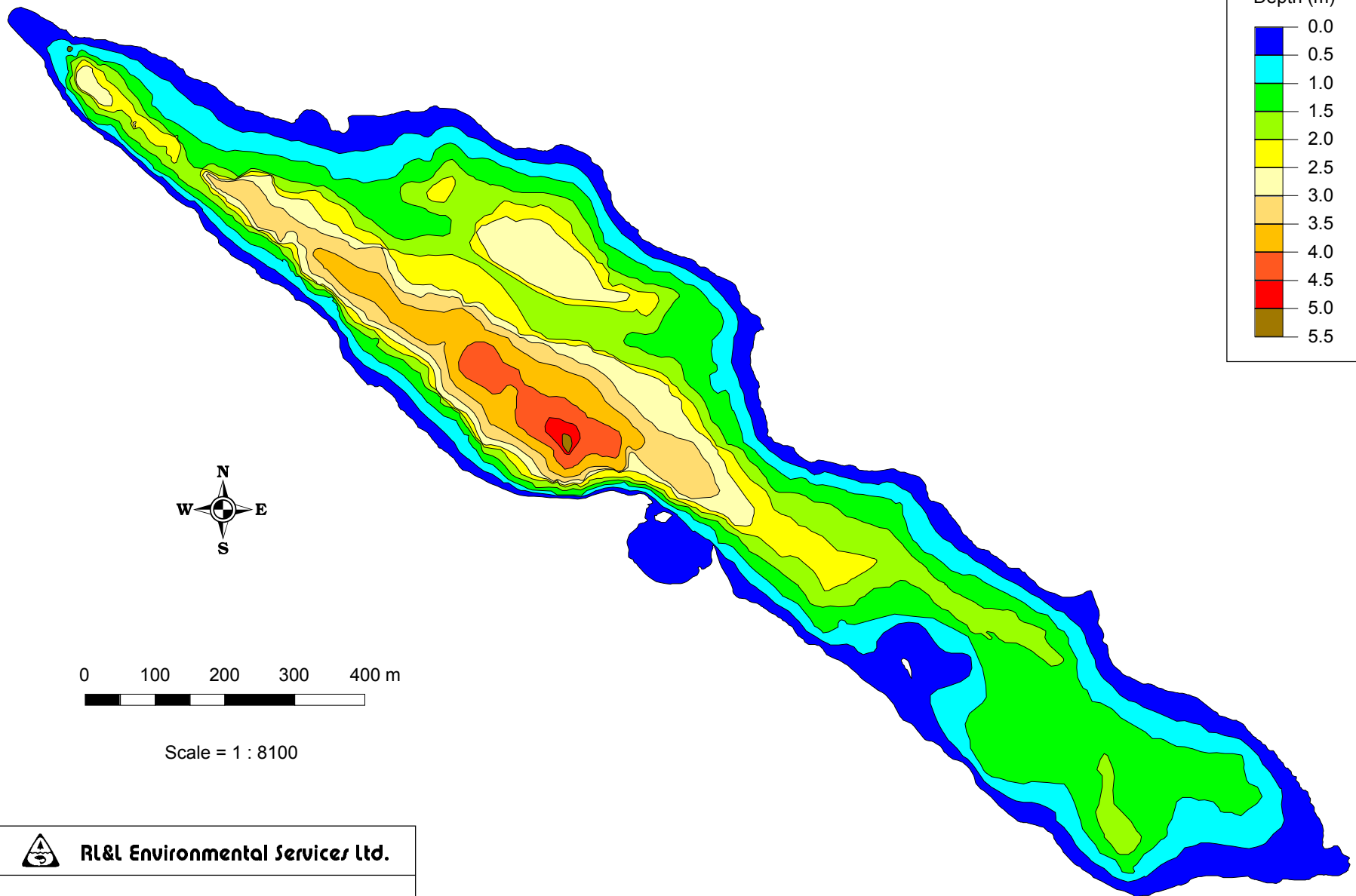
LEGEND

Depth (m)



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Appendix D7j. Bathymetric map of Lake B6,
July 1998.

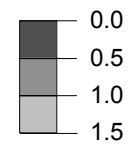


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Appendix D7k. Bathymetric map of Lake B7,
July 1998.

LEGEND

Depth (m)



Scale = 1 : 680



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Appendix D7I. Bathymetric map of Pond B9,
July 1998.