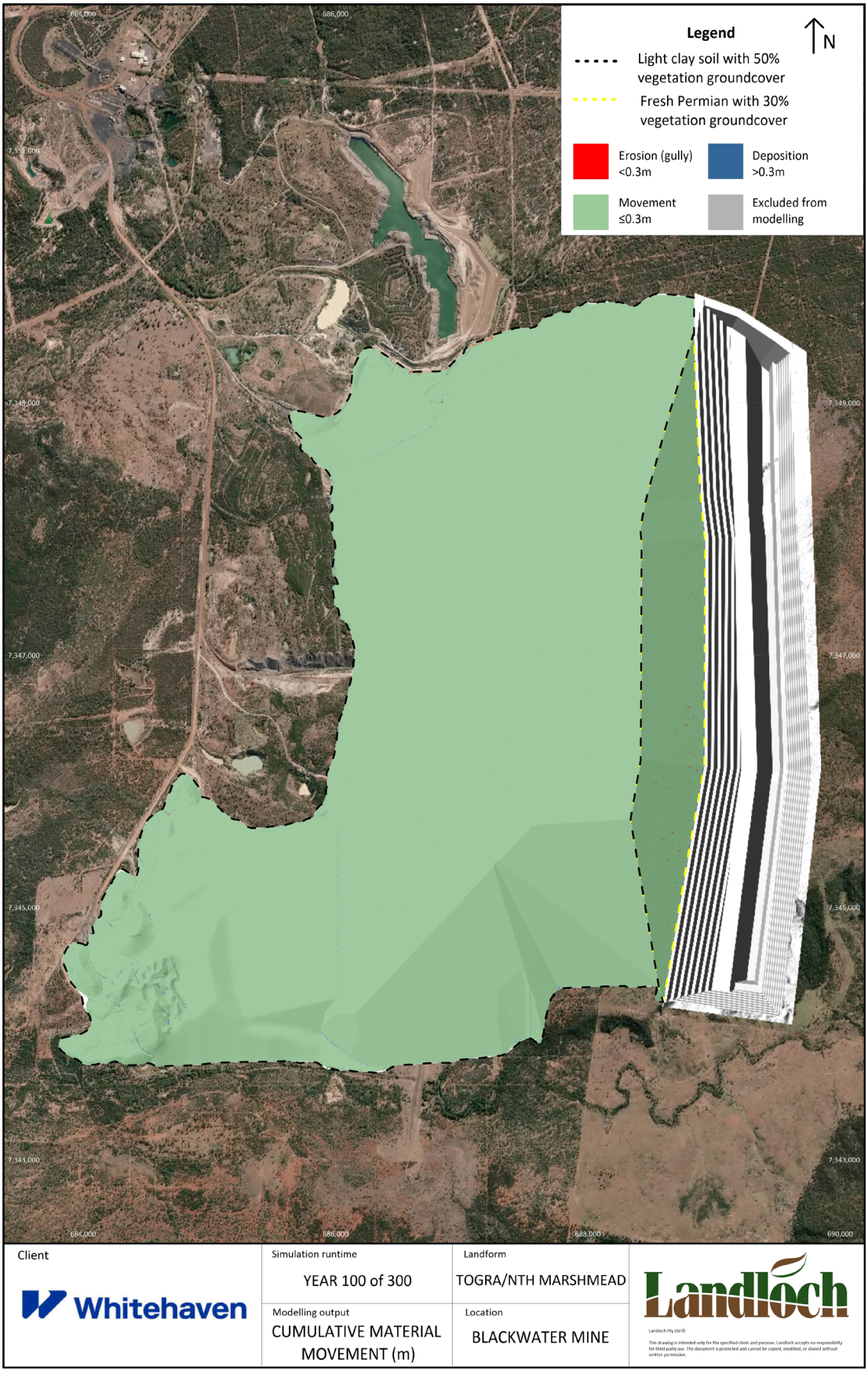


Figure A-18: Predicted erosion and deposition depths of the Togara/North Marshmead rehabilitation landform after 100 years.

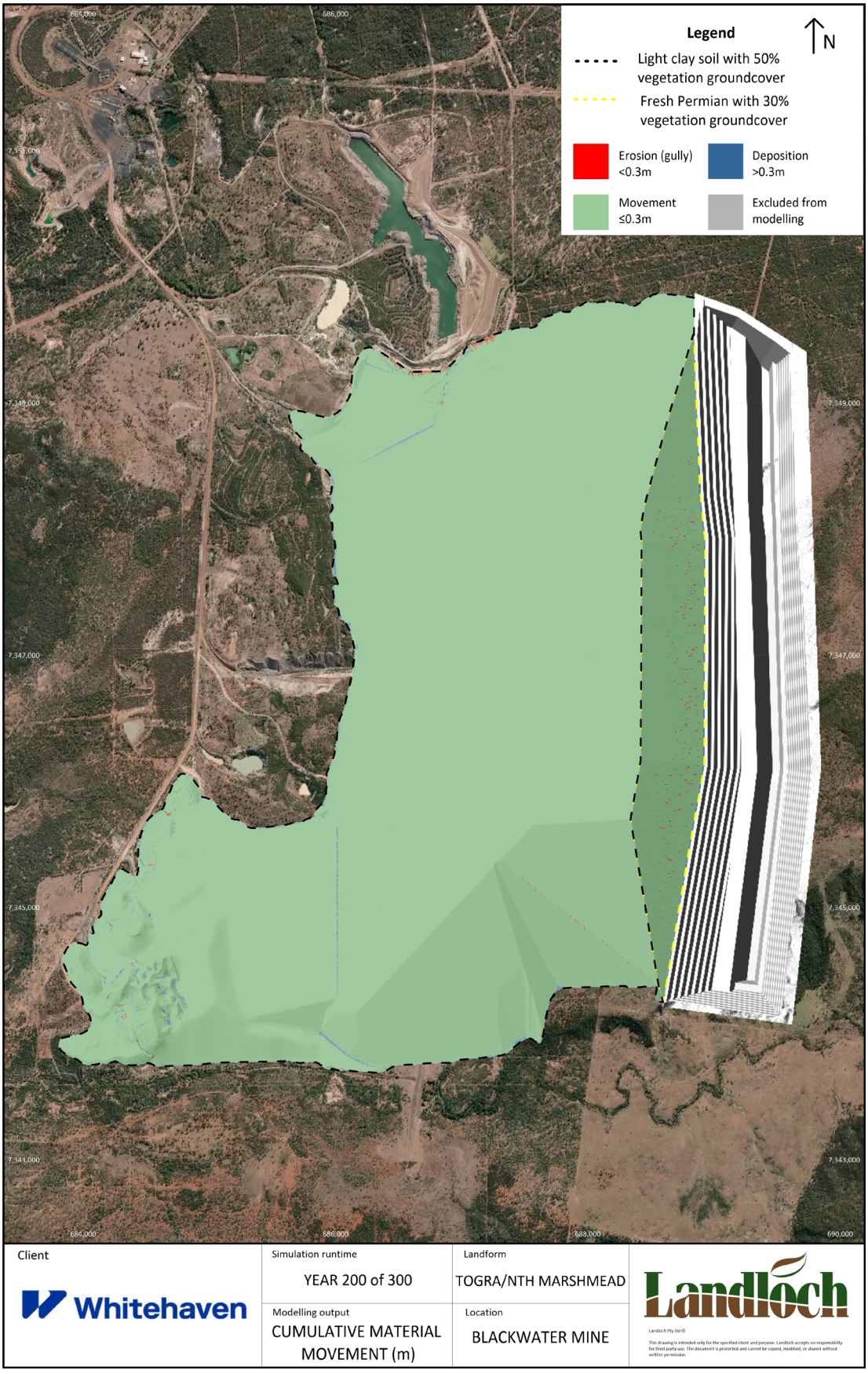


Figure A-19: Predicted erosion and deposition depths of the Togara/North Marshmead rehabilitation landform after 200 years.

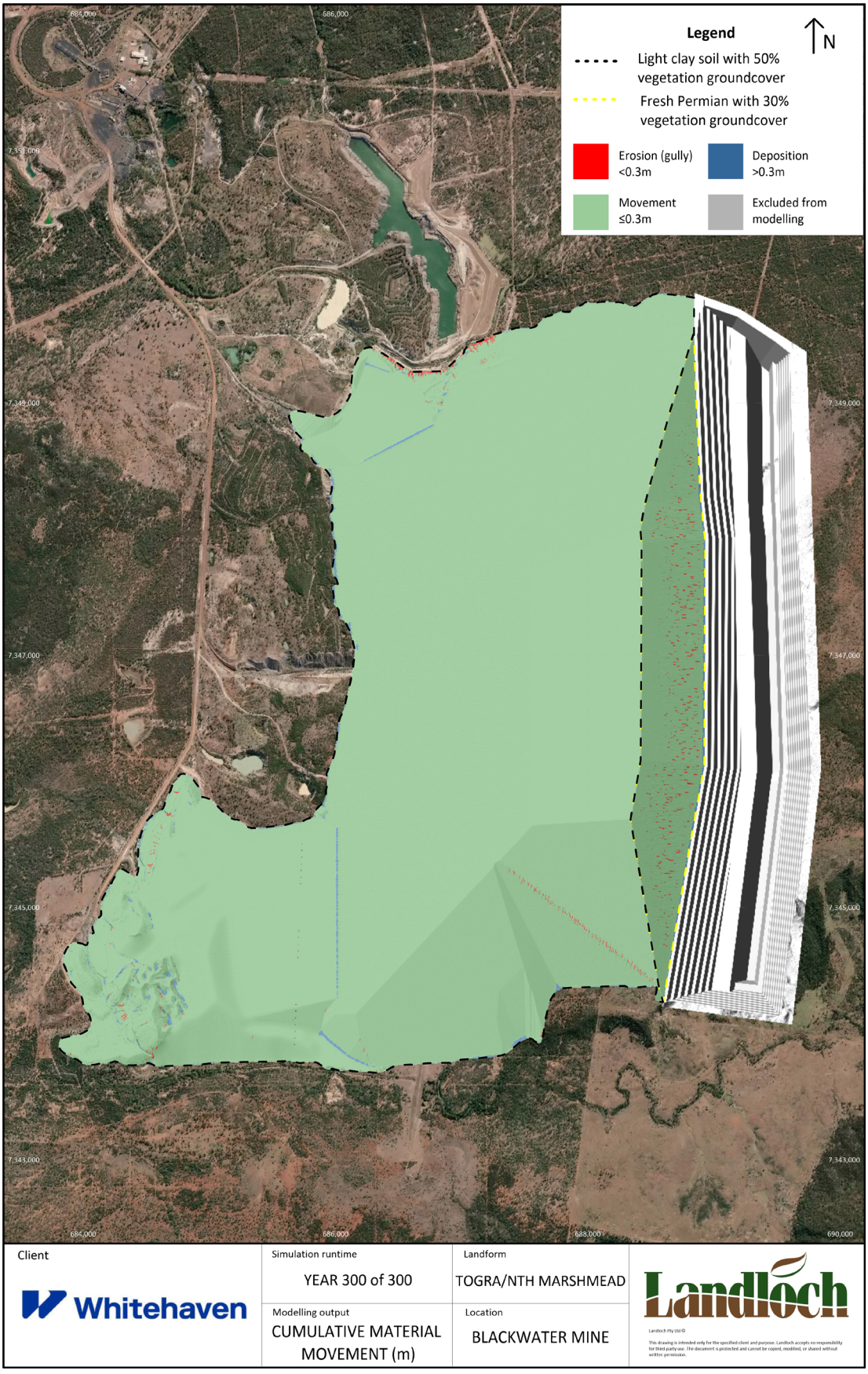


Figure A-20: Predicted erosion and deposition depths of the Togara/North Marshmead rehabilitation landform after 300 years.



Figure A-21: Predicted erosion and deposition depths of the South Marshmead rehabilitation landform after 50 years.



Figure A-22: Predicted erosion and deposition depths of the South Marshmead rehabilitation landform after 100 years.



Figure A-23: Predicted erosion and deposition depths of the South Marshmead rehabilitation landform after 200 years.



Figure A-24: Predicted erosion and deposition depths of the South Marshmead rehabilitation landform after 300 years.

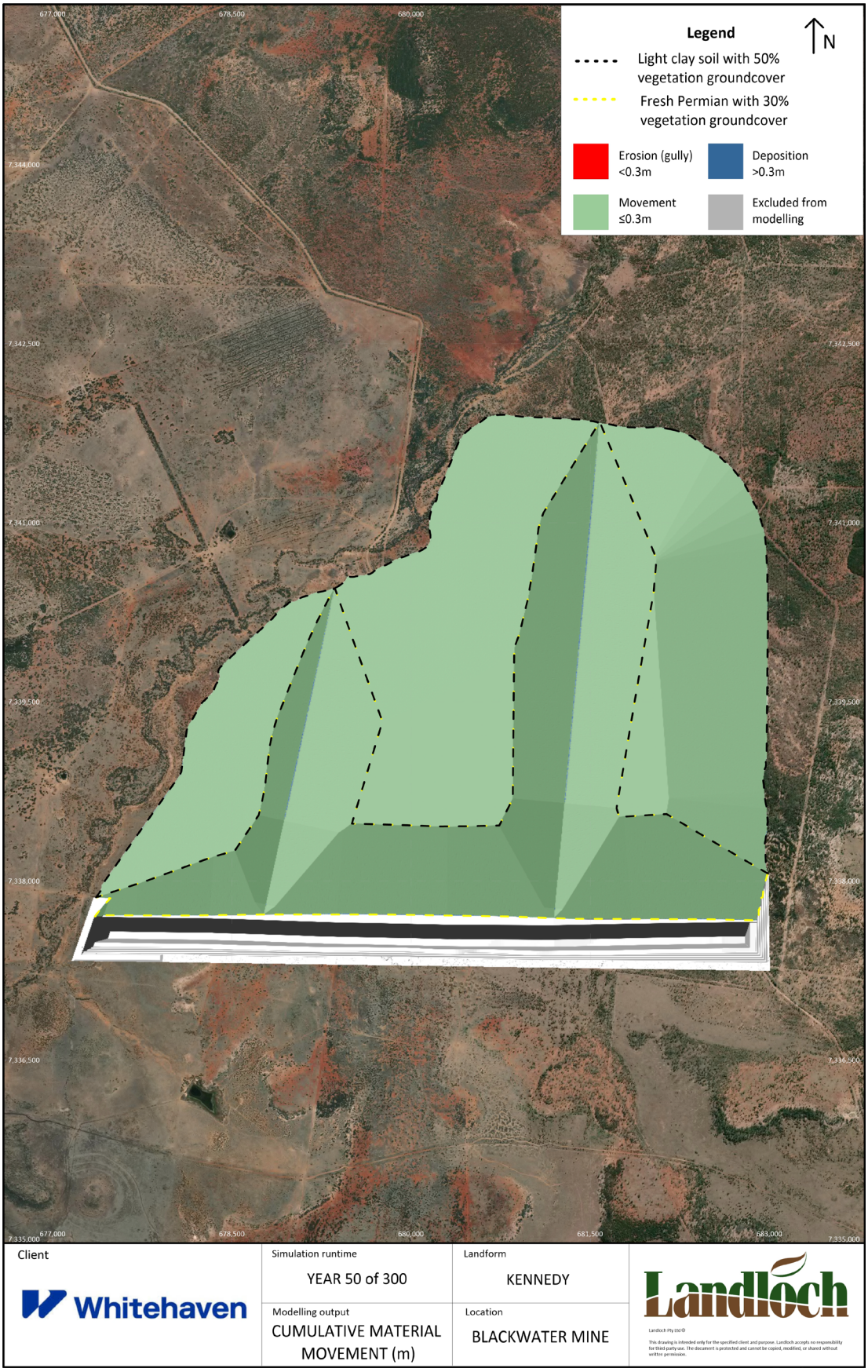


Figure A-25: Predicted erosion and deposition depths of the Kennedy rehabilitation landform after 50 years.

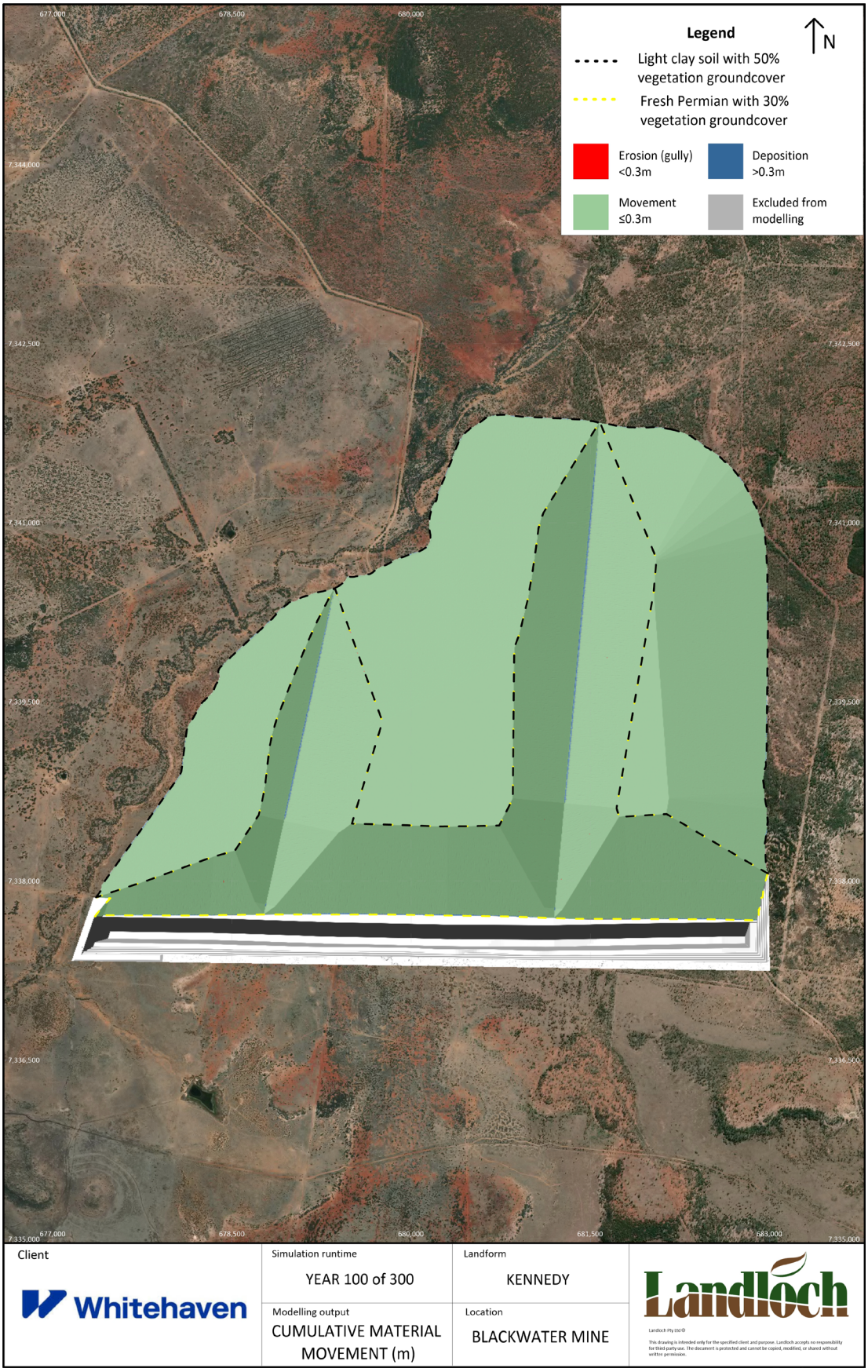


Figure A-26: Predicted erosion and deposition depths of the Kennedy rehabilitation landform after 100 years.

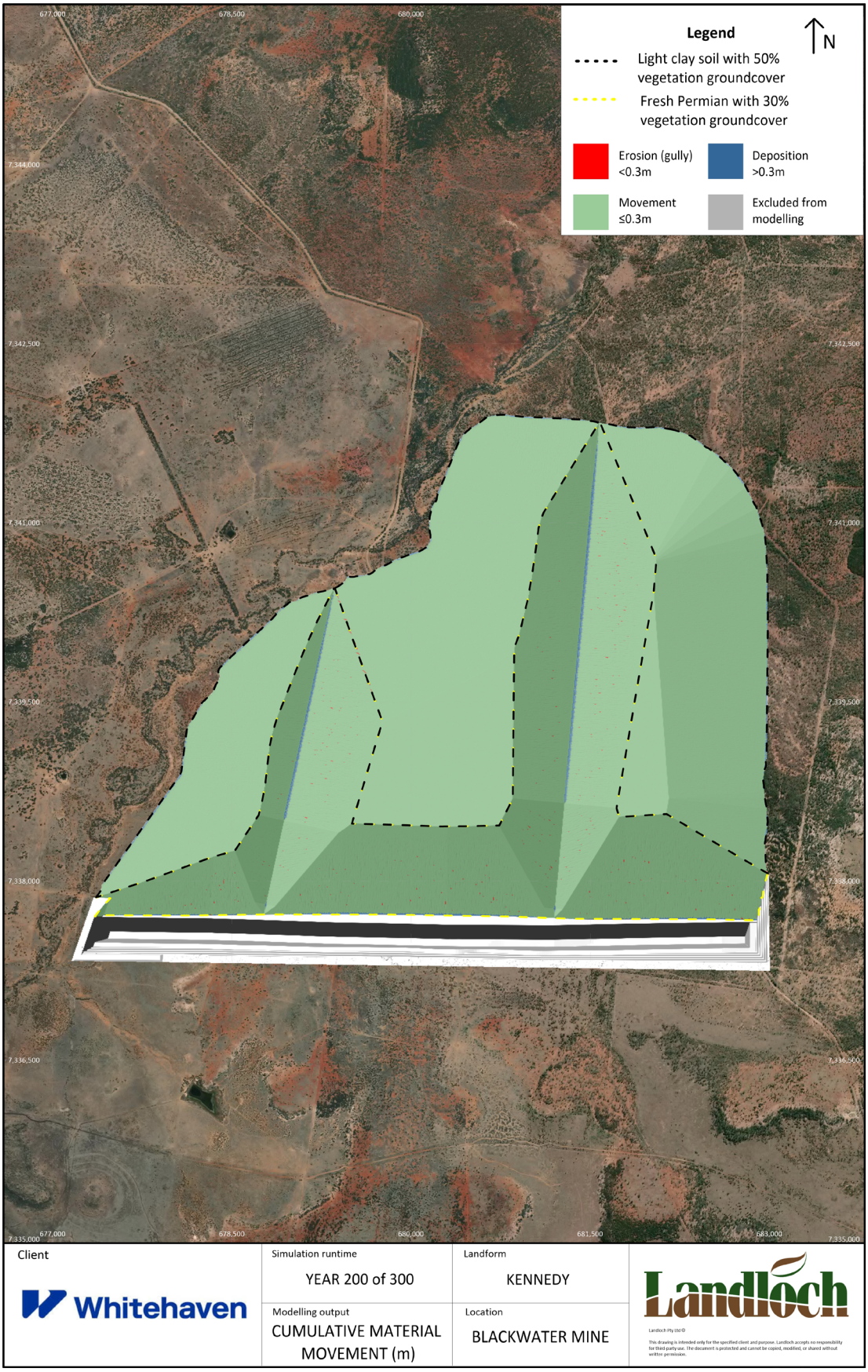


Figure A-27: Predicted erosion and deposition depths of the Kennedy rehabilitation landform after 200 years.

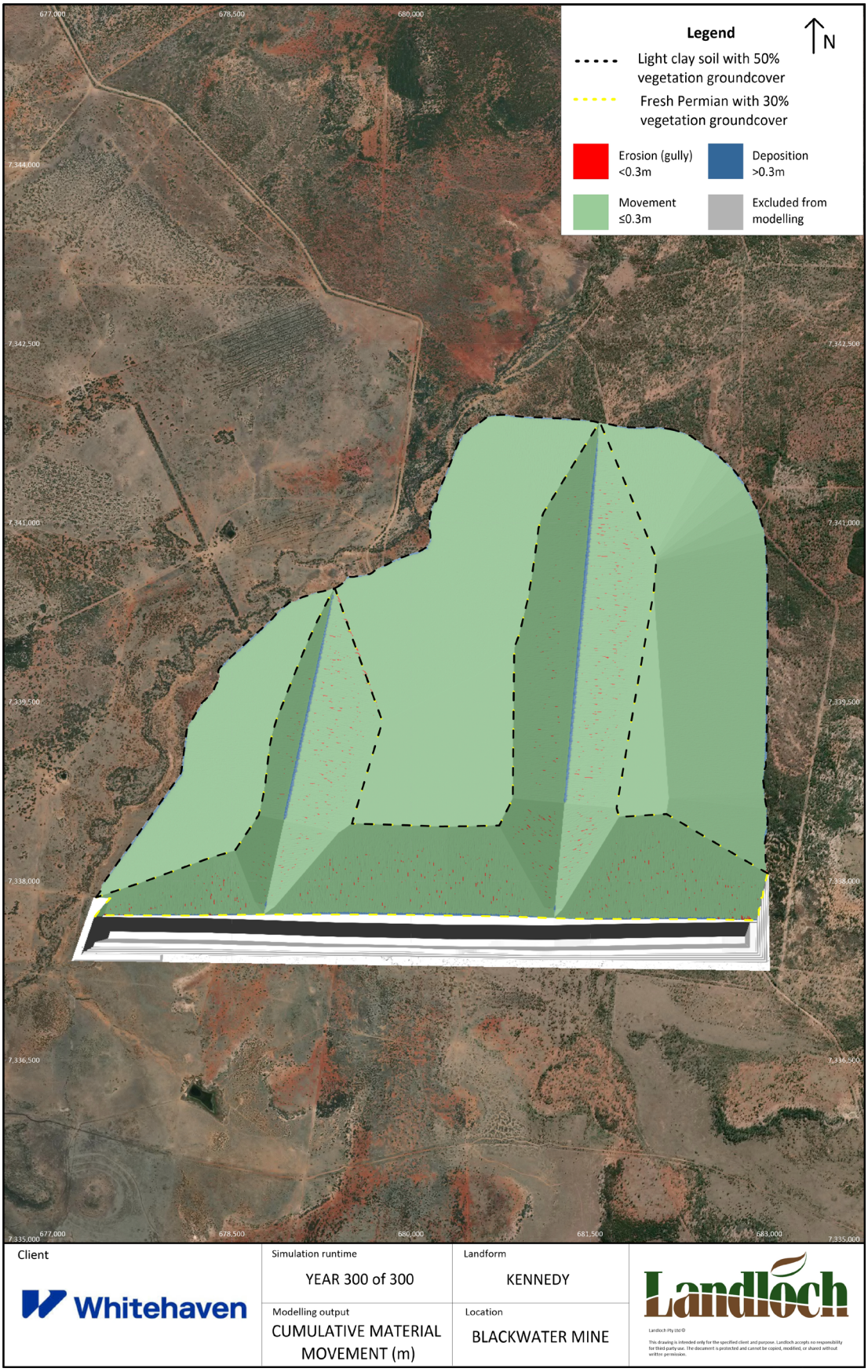


Figure A-28: Predicted erosion and deposition depths of the Kennedy rehabilitation landform after 300 years.

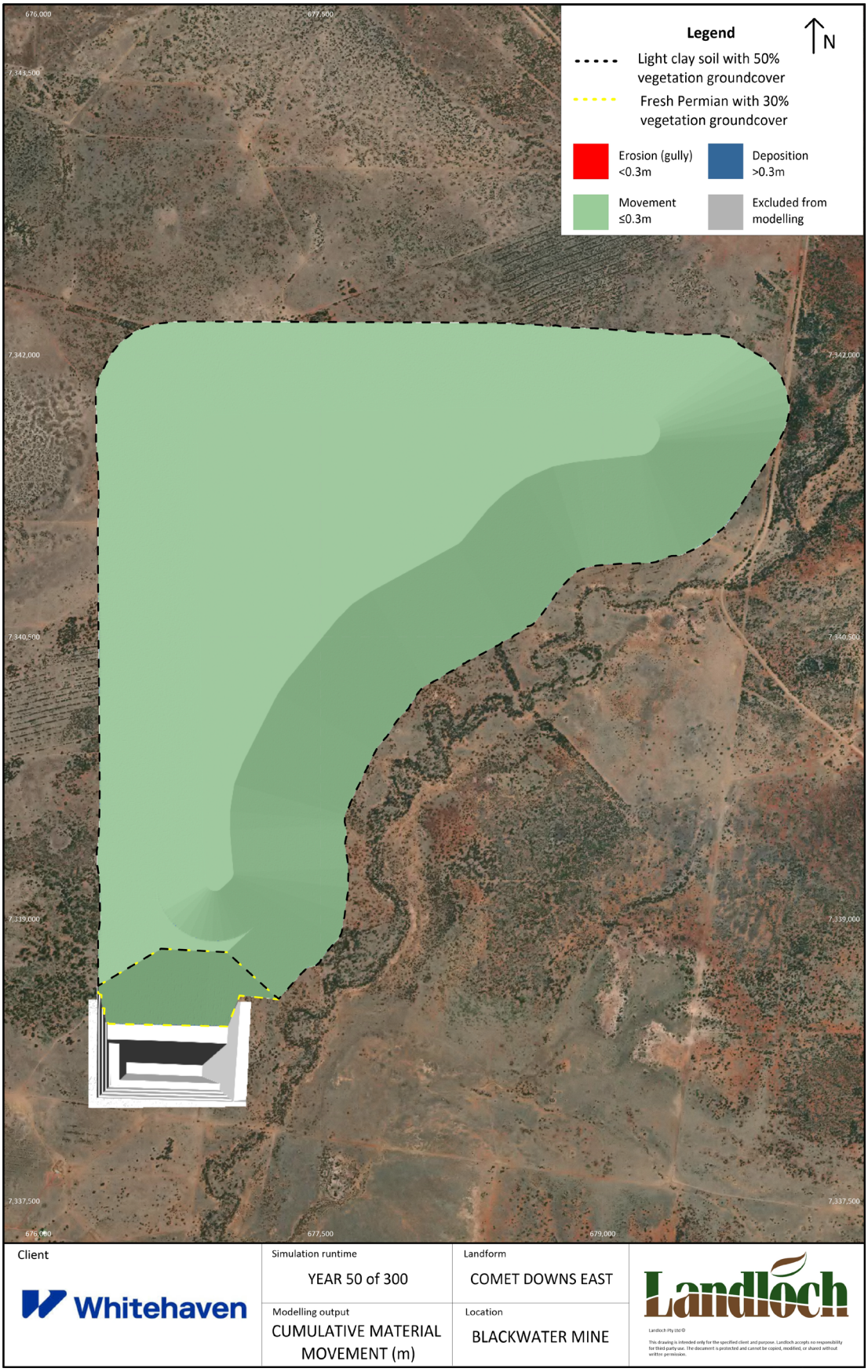


Figure A-29: Predicted erosion and deposition depths of the Comet Downs East rehabilitation landform after 50 years.

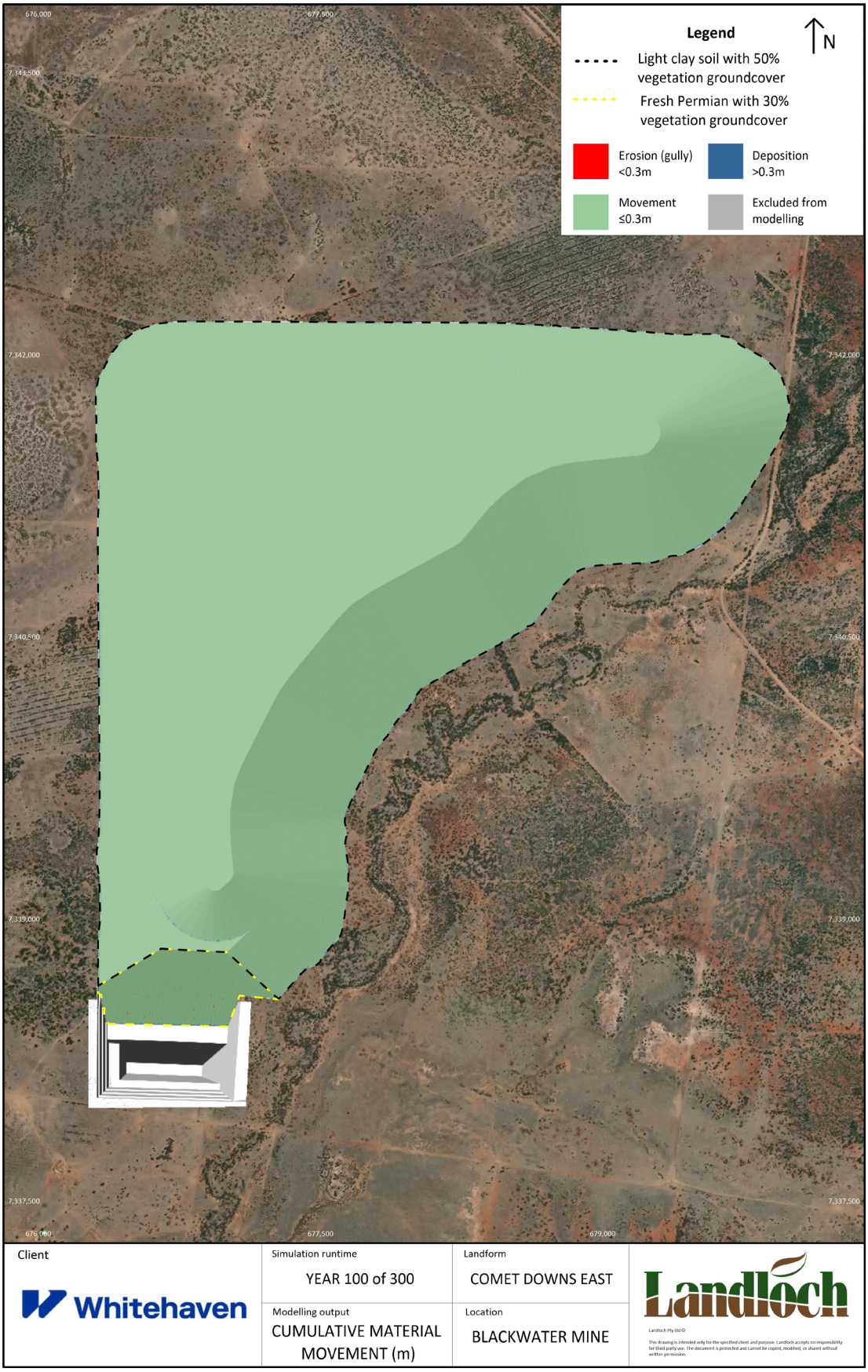


Figure A-30: Predicted erosion and deposition depths of the Comet Downs East rehabilitation landform after 100 years.

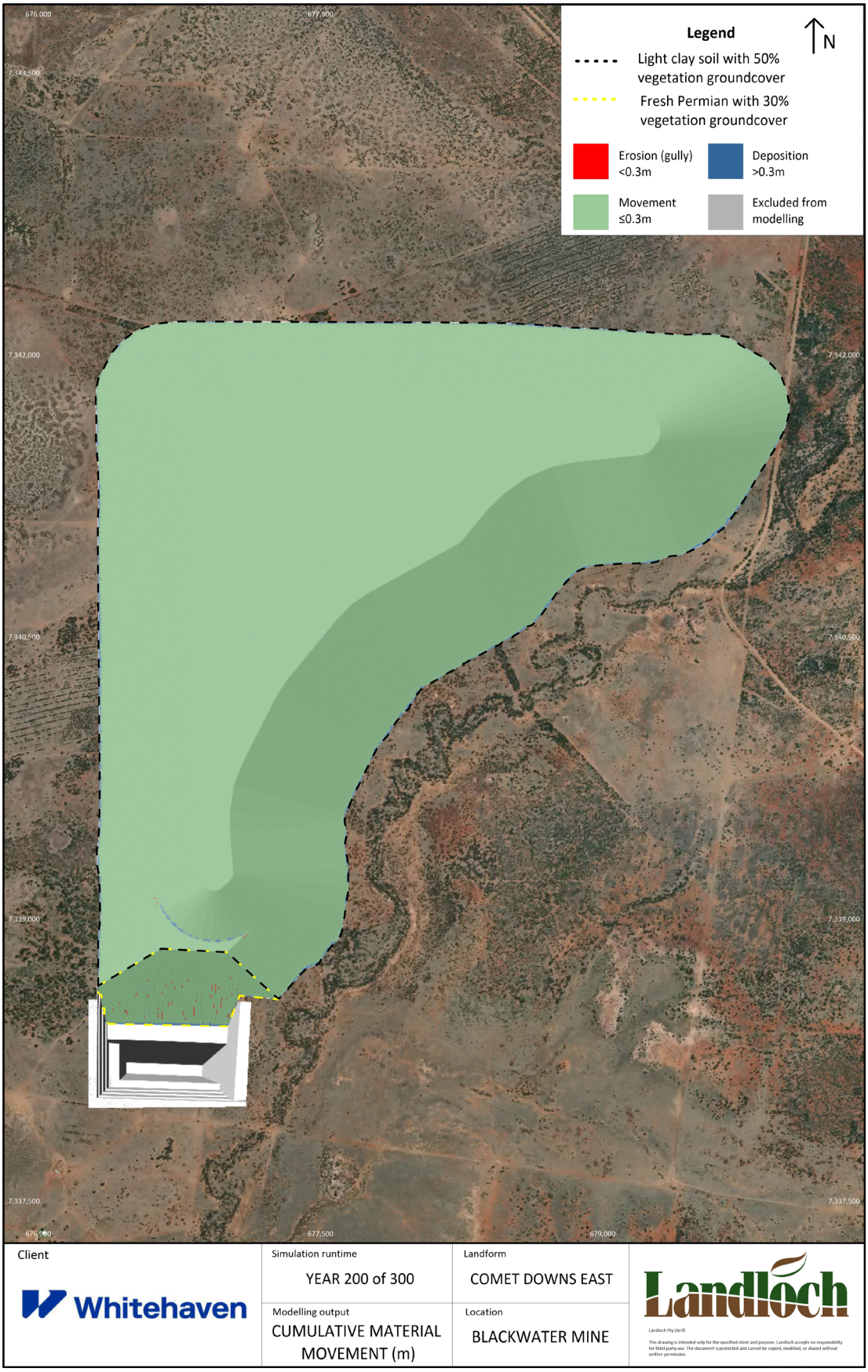


Figure A-31: Predicted erosion and deposition depths of the Comet Downs East rehabilitation landform after 200 years.

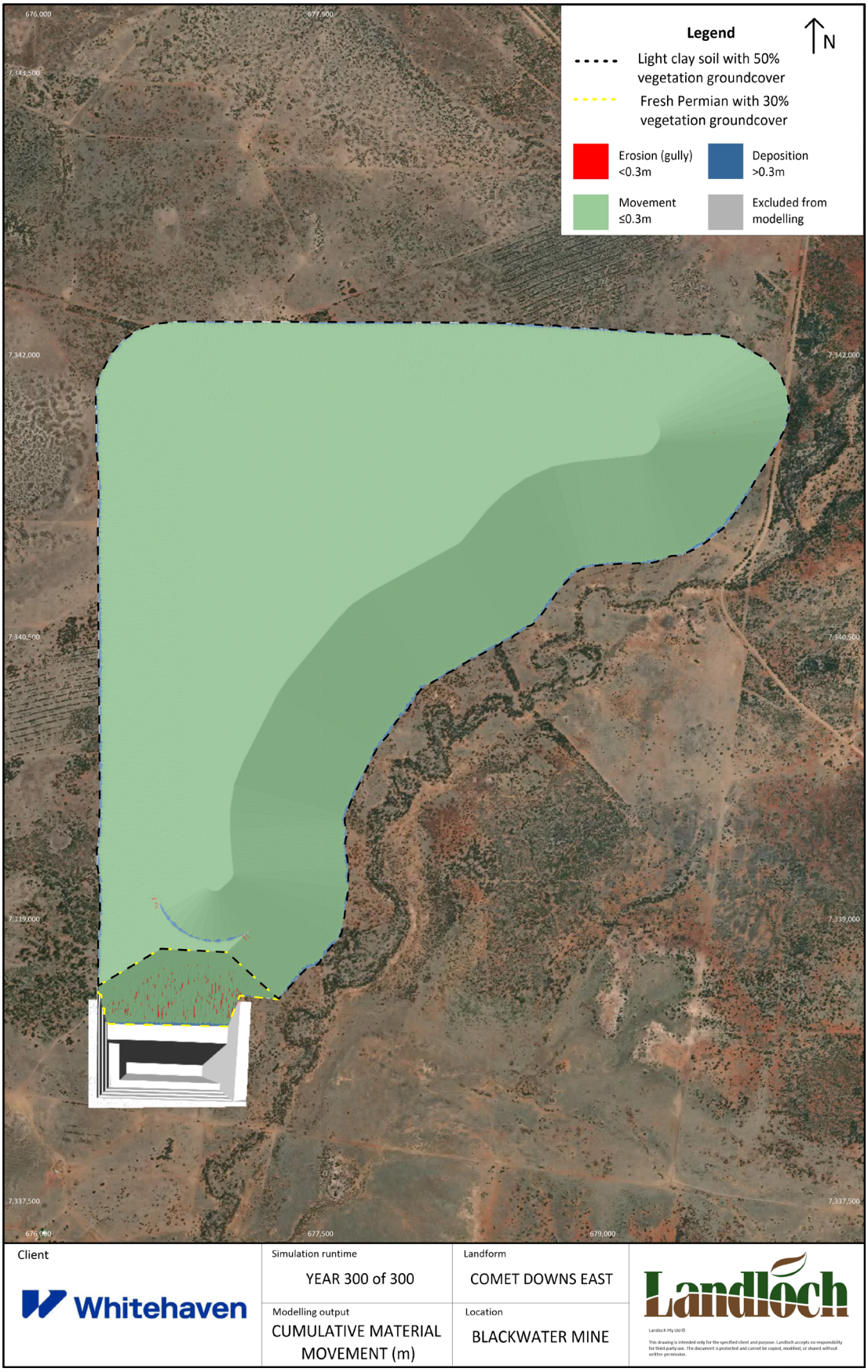


Figure A-32: Predicted erosion and deposition depths of the Comet Downs East rehabilitation landform after 300 years.

APPENDIX B: WEPP DATA TABULATION

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Material	Vegetation Groundcover (%)	Slope Gradient (%)	Average Annual Erosion (t/ha/y) For A Slope Length Of:													Max. Acceptable Length* (m)
			25	50	75	100	125	150	175	200	250	300	400	500	750	
Fresh Permian	0	15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	3.3	-	500
		20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	1.6	5.5	8.6	-	500
		25	0.1	0.1	0.1	0.1	0.6	1.7	2.8	3.8	5.9	8.0	12	16	-	350
		30	0.1	0.1	0.1	0.1	1.1	3.3	5.4	7.5	11	15	21	24	-	220
	10	15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1	3.0	-	500
		20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	1.4	5.0	7.7	-	500
		25	0.1	0.1	0.1	0.1	0.5	1.5	2.5	3.4	5.3	7.2	11	14	-	380
		30	0.1	0.1	0.1	0.1	1.1	3	4.9	6.8	10	14	19	22	-	240
	30	15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.9	-	500
		20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.5	2.0	3.1	-	500
		25	0.1	0.1	0.1	0.1	0.1	0.6	1.0	1.4	2.1	2.8	4.5	5.8	-	500
		30	0.1	0.1	0.1	0.1	0.3	1.1	1.9	2.7	4.1	5.3	7.3	8.6	-	500
Heavy Clay Topsoil	0	10	2.5	2.5	9.0	82	153	274	362	490	676	829	1012	1095	-	70
		15	3.4	28	155	429	627	914	1085	1310	1613	1831	2073	2156	-	20
		20	5.0	330	767	1193	1709	2038	2316	2613	2929	3158	3367	3451	-	20
		30	238	1245	2190	2945	3536	4004	4375	4670	5095	5375	5703	5875	-	0
	30	10	0.1	0.1	0.1	0.2	1.1	3.2	5.2	7.9	12	16	20	21	-	170
		15	0.1	0.1	0.6	4.8	8.4	14	18	23	28	33	39	40	-	100
		20	0.2	1.7	9.2	18	29	36	42	48	55	61	65	67	-	60
		30	0.7	21	43	60	74	84	92	98	108	114	122	126	-	30
	50	10	0.1	0.1	0.1	0.2	0.5	1.3	2.2	3.4	4.8	5.7	6.9	8.1	-	260
		15	0.1	0.1	0.3	2.0	3.6	5.5	6.7	8.0	9.9	12	14	15	-	140
		20	0.1	1.0	3.7	6.4	9.6	12	13	15	18	20	22	23	-	90
		30	0.2	5.9	12	17	21	24	27	29	33	35	37	38	-	40
	70	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.7	1.1	1.8	2.1	-	500
		15	0.1	0.1	0.1	0.1	0.4	0.8	1.1	1.6	2.3	2.8	3.4	4.0	-	500
		20	0.1	0.1	0.5	1.1	1.9	2.4	2.9	3.4	3.9	4.5	5.8	6.4	-	340
		25	0.1	0.1	1.4	2.2	3.1	3.8	4.3	5.0	5.9	6.6	7.7	8.3	-	200
		30	0.1	0.2	2.4	3.4	4.2	5.1	5.8	6.6	7.8	8.7	9.4	9.7	-	500

Material	Vegetation Groundcover (%)	Slope Gradient (%)	Average Annual Erosion (t/ha/y) For A Slope Length Of:													Max. Acceptable Length* (m)
			25	50	75	100	125	150	175	200	250	300	400	500	750	
Heavy Clay Topsoil	90	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	-	500
		15	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.9	1.2	-	500
		20	0.1	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.9	1.2	1.9	2.3	-	500
		30	0.1	0.2	0.5	0.7	0.9	1.2	1.4	1.8	2.4	2.9	3.3	3.3	-	500
Light Clay Topsoil	0	10	0.2	0.2	0.2	0.7	4.4	17	26	40	64	84	117	138	146	130
		15	0.2	0.2	2.8	30	51	85	108	142	187	220	260	281	303	80
		20	0.4	18	76	139	212	260	303	357	421	471	518	539	547	30
		30	9.5	149	309	442	553	641	712	768	850	904	965	995	-	0
	30	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	1.0	1.7	2.8	3.3	4.2	750
		15	0.1	0.1	0.1	0.1	0.3	1.0	1.6	2.5	3.9	5.3	7.0	8.5	10	290
		20	0.1	0.1	0.4	2.3	5.4	7.5	9.4	12	15	17	21	22	23	120
		30	0.1	3.2	12	19	24	29	33	36	40	44	47	48	-	60
	50	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.8	1.1	1.3	750
		15	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	1.1	1.5	1.9	2.0	2.1	750
		20	0.1	0.1	0.1	0.3	0.9	1.4	1.8	2.3	2.9	3.3	3.8	4.3	5.0	750
		30	0.1	0.3	2.0	3.5	5.1	6.4	7.5	8.3	9.4	10	11	11	-	120
	70	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	750
		15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	0.8	750
		20	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.7	0.8	1.1	1.2	1.2	750
		25	0.1	0.1	0.1	0.3	0.4	0.6	0.8	0.9	1.2	1.3	1.6	1.7	1.8	750
		30	0.1	0.1	0.3	0.5	0.8	1.1	1.3	1.5	1.7	1.9	2.1	2.2	-	500
	90	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	750
		15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	750
		20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	750
		30	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	-	500

* The maximum acceptable length for some combinations of material, vegetation groundcover, and slope gradient equal the maximum slope length modelled. In these cases, longer slopes may be erosionally stable, but the longest slope length modelled was reported as the maximum acceptable length.