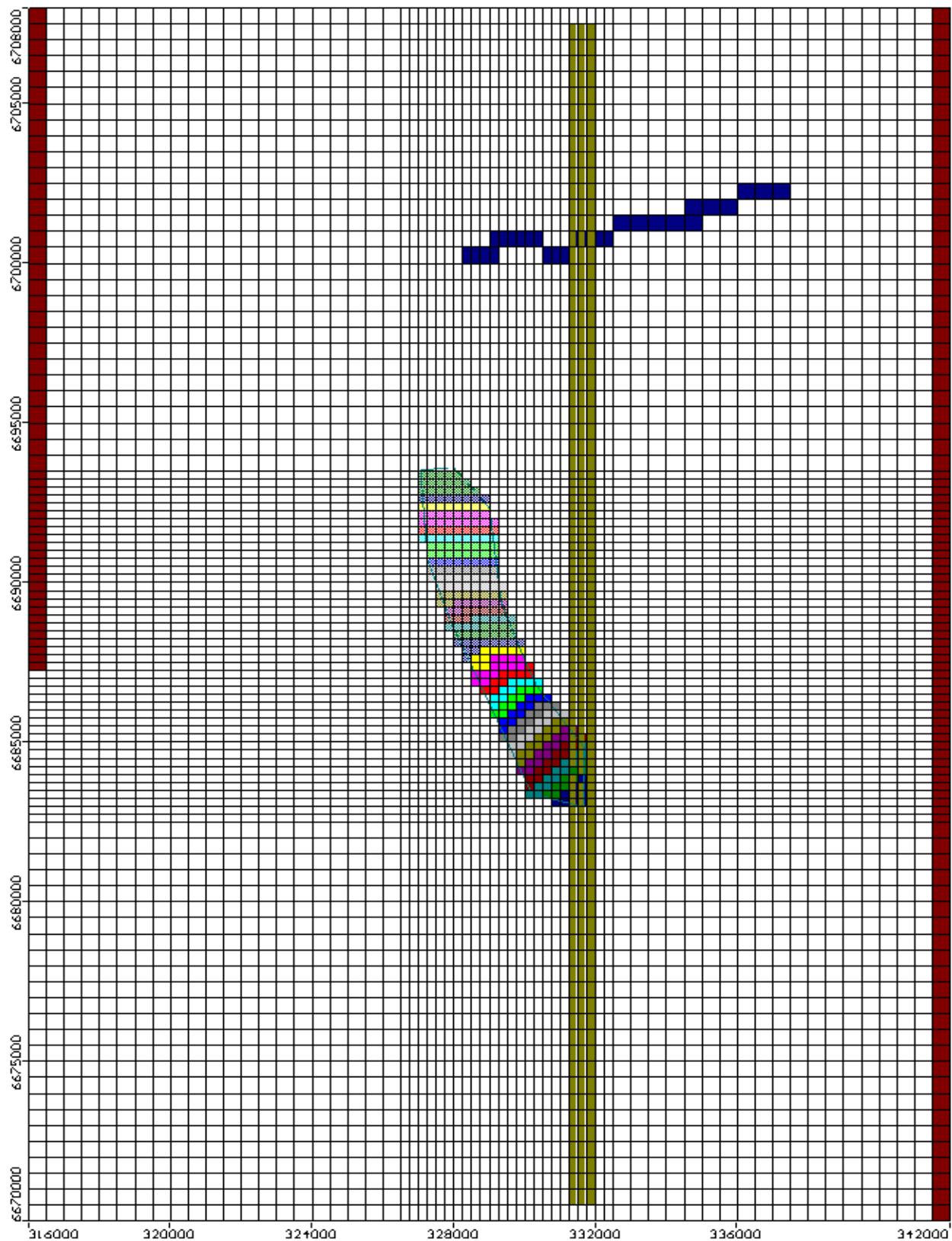


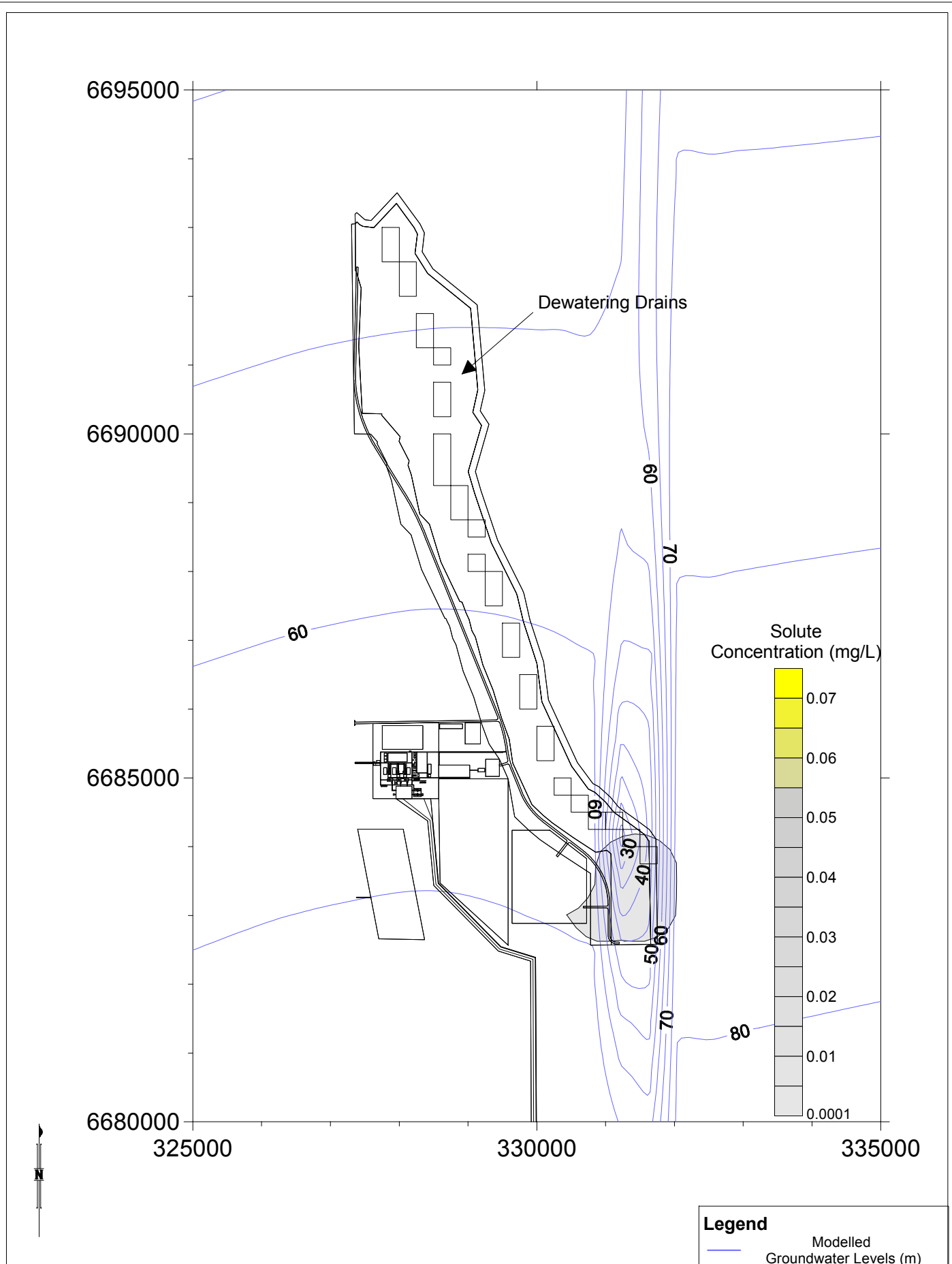
River Cell

Horizontal Barrier

Constant Head Boundary

Recharge and Solute Concentration Cells Following
the Mining Scheduling

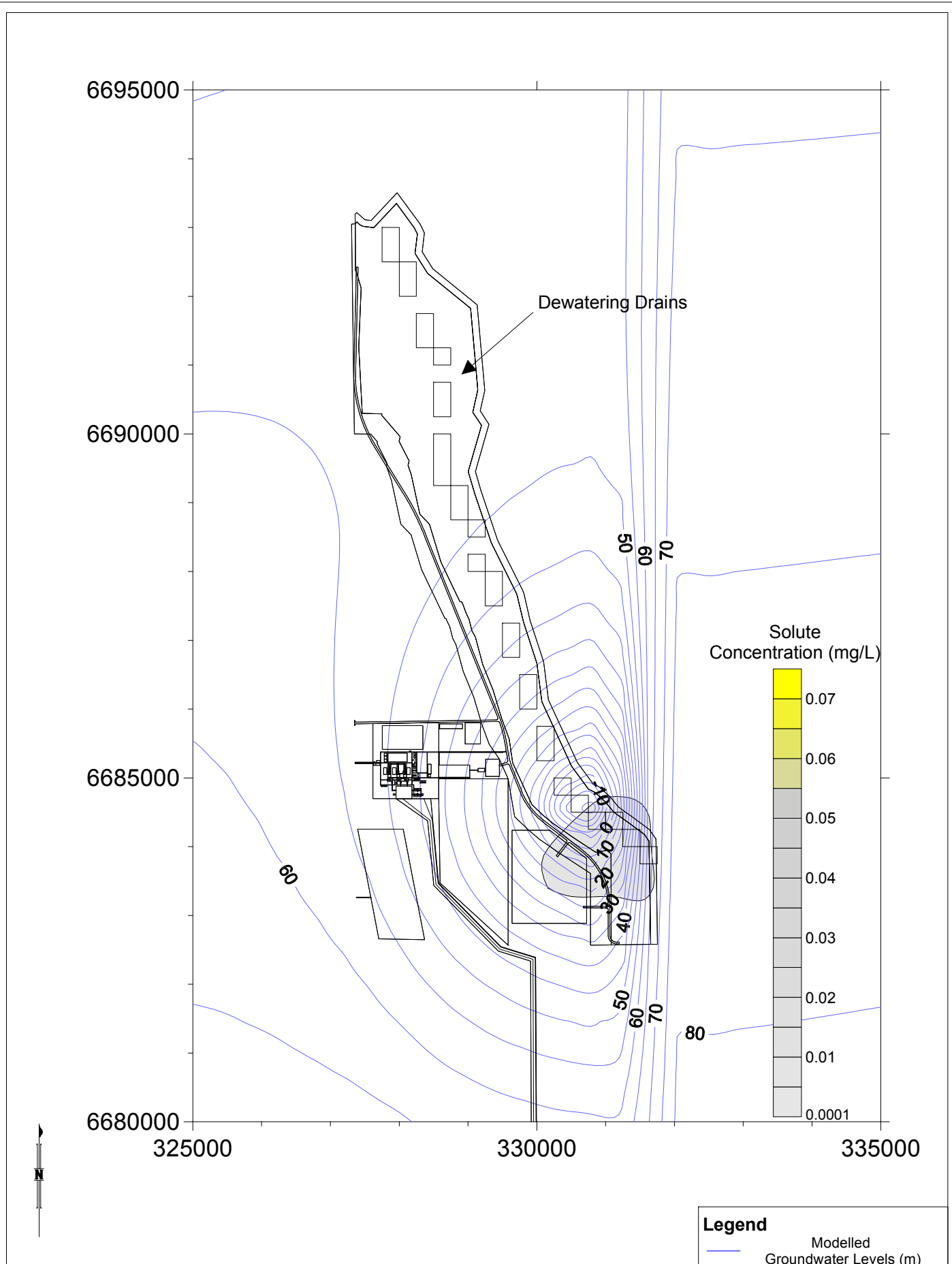
Job No.	42906884		Aviva Corporation Limited	Figure 4.1
Prep. By	AB	17/11/2008	Predicted Impacts of Co-Disposal Options on Groundwater	
Chk'd By	WY	17/11/2008	Model Set Up	
Revision No.		0		



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

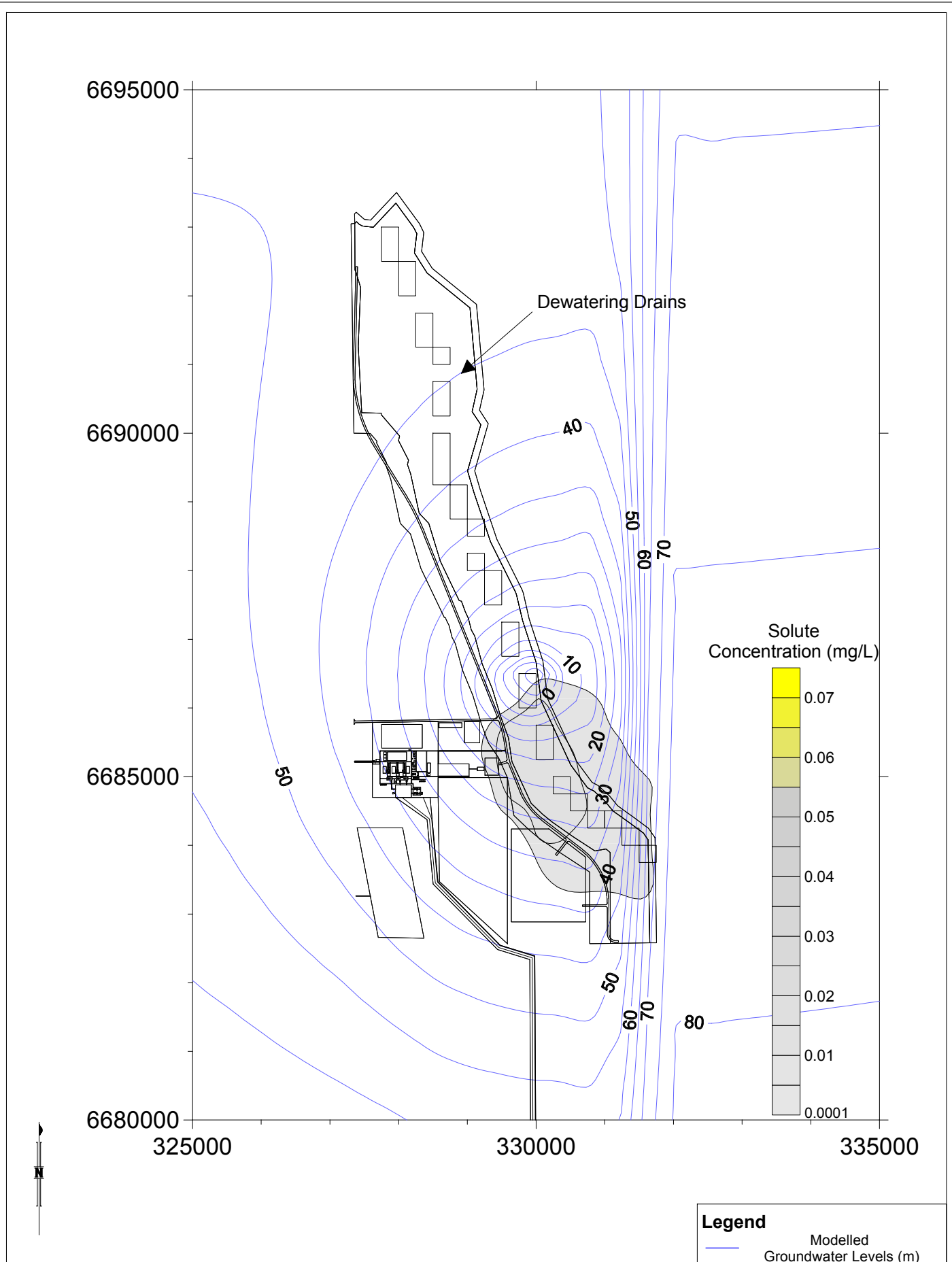
Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 2 Years during Operations		
URS	Drawn: AB Job No: 42906884	Approved: WY File No: 2Years.srf	Date: 06/01/09	Figure: 4.3 Rev A A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

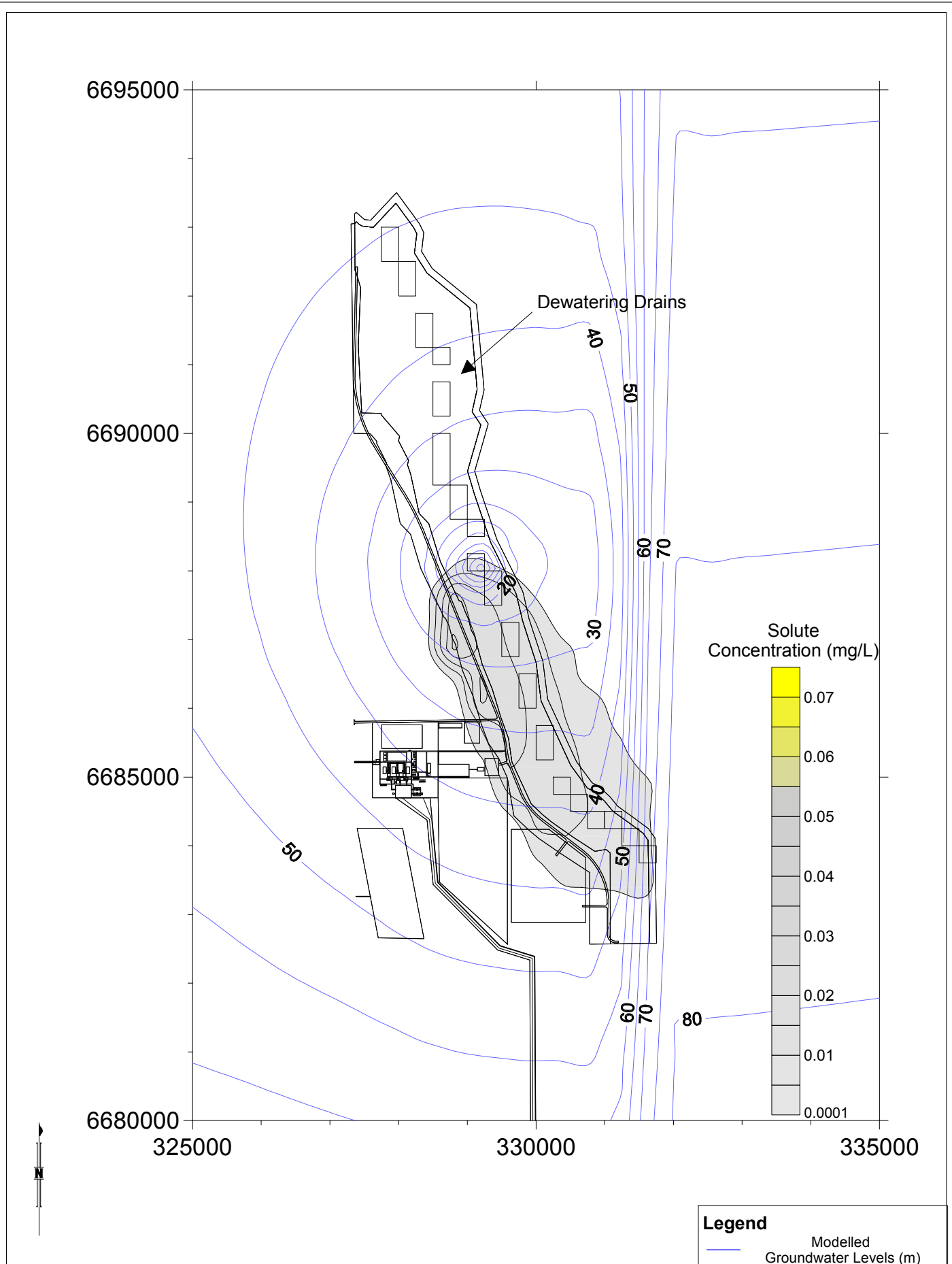
Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 5 Years during Operations		
	Drawn: AB	Approved: WY	Date: 06/01/09	Figure: 4.4
	Job No: 42906884	File No: 5Years.srf		Rev A A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

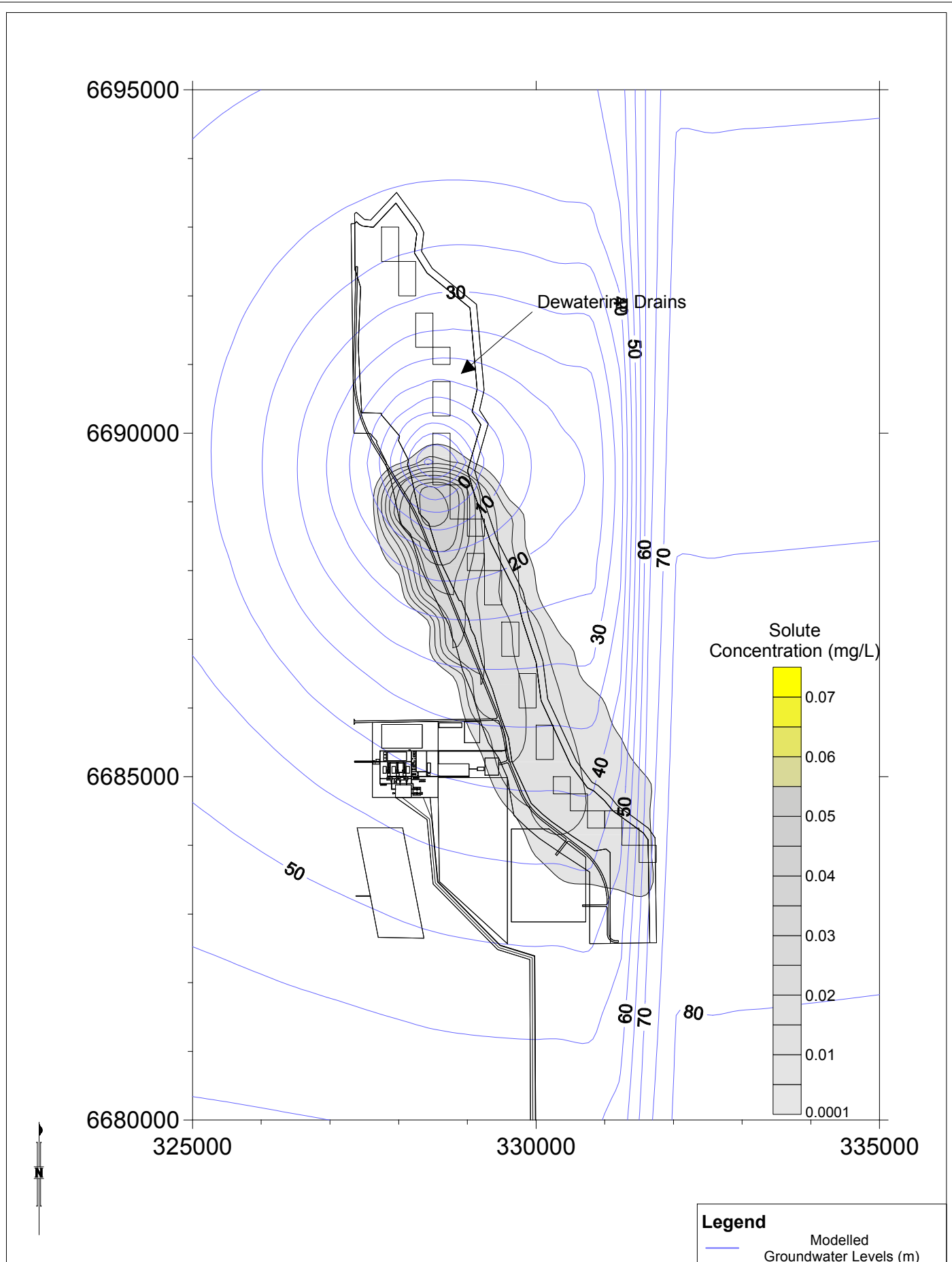
Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 10 Years during Operations		
	Drawn: AB	Approved: WY	Date: 06/01/09	Figure: 4.5
	Job No: 42906884	File No: 10Years.srf		Rev A A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

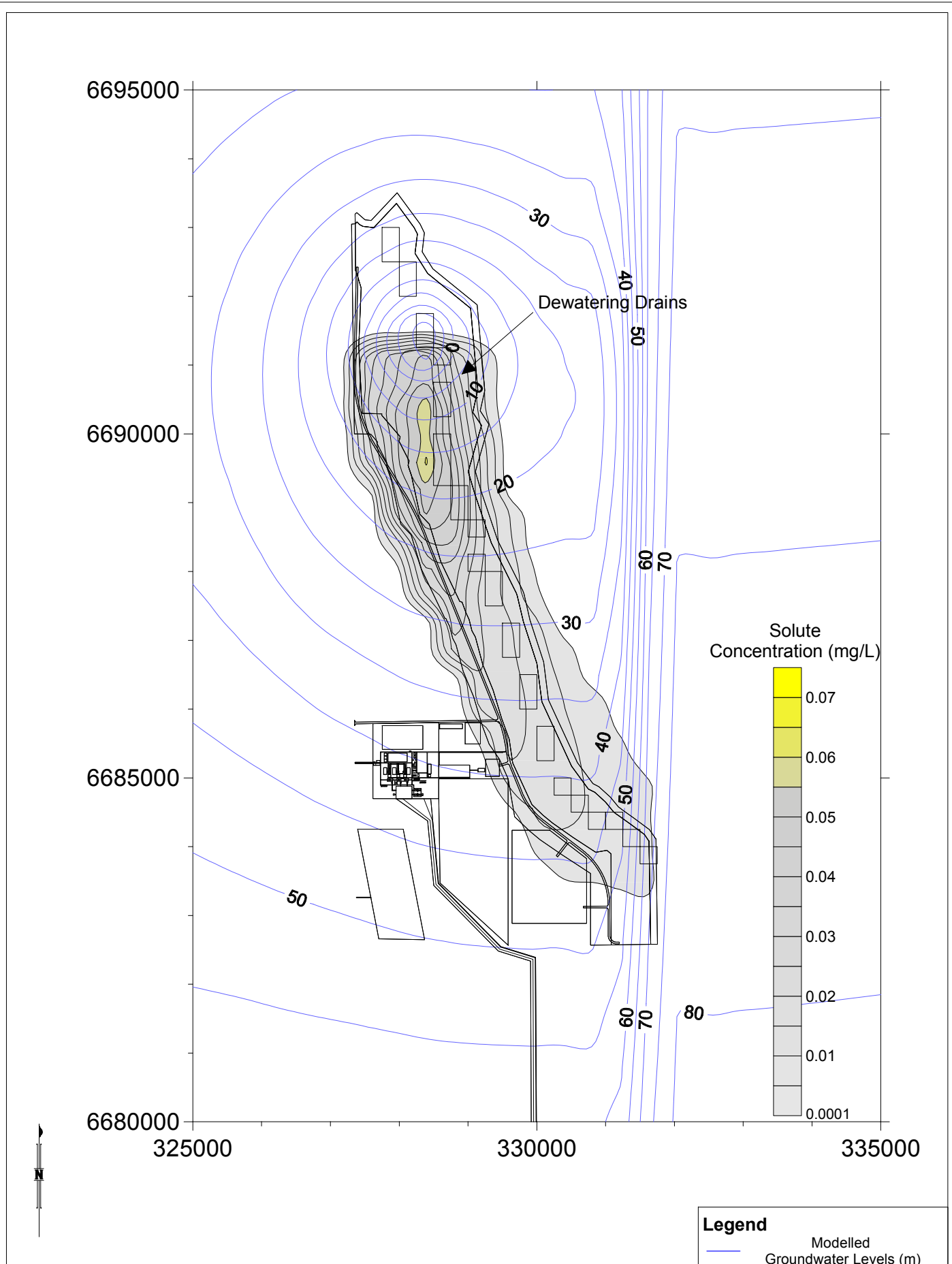
Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 15 Years during Operations		
	Drawn: AB	Approved: WY	Date: 06/01/09	Figure: 4.6
	Job No: 42906884	File No: 15Years.srf		Rev A A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

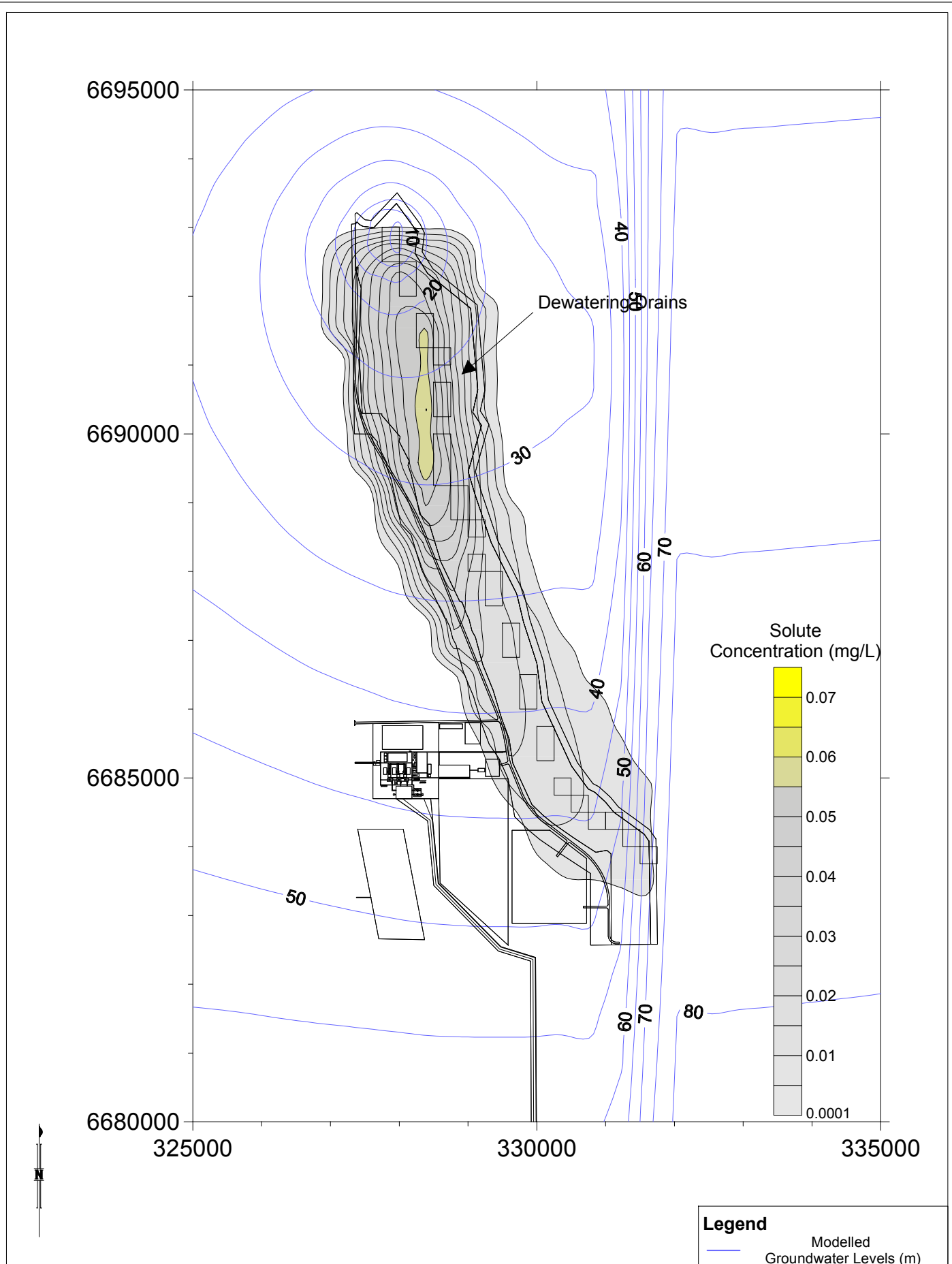
Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 20 Years during Operations		
	Drawn: AB Job No: 42906884	Approved: WY File No: 20Years.srf	Date: 06/01/09	Figure: 4.7 Rev A A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

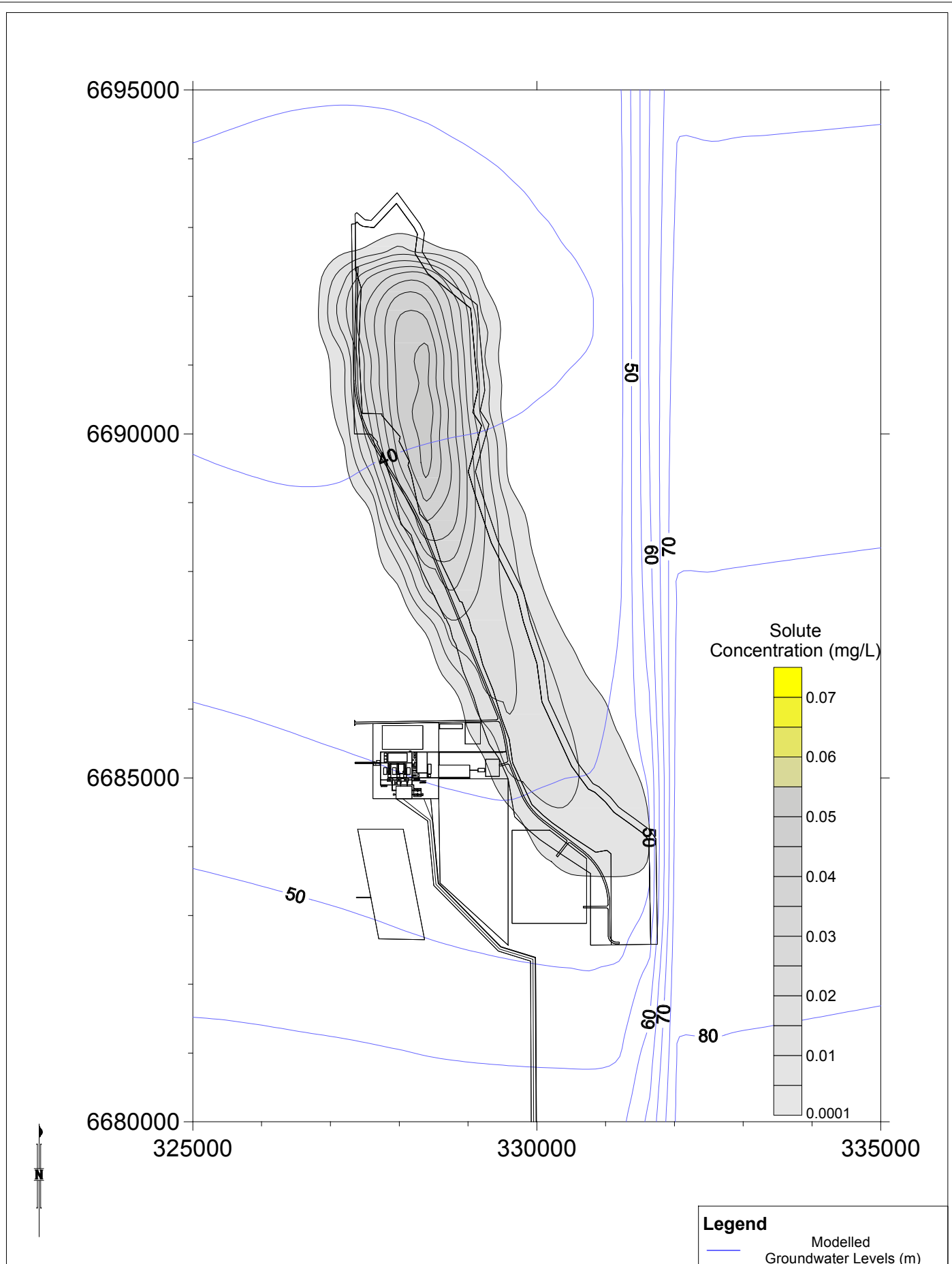
Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 25 Years during Operations		
	Drawn: AB Job No: 42906884	Approved: WY File No: 25Years.srf	Date: 06/01/09	Figure: 4.8 Rev A A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 30 Years during Operations		
	Drawn: AB	Approved: WY	Date: 06/01/09	
	Job No: 42906884	File No: 30Years.srf	Figure: 4.9	Rev A A4

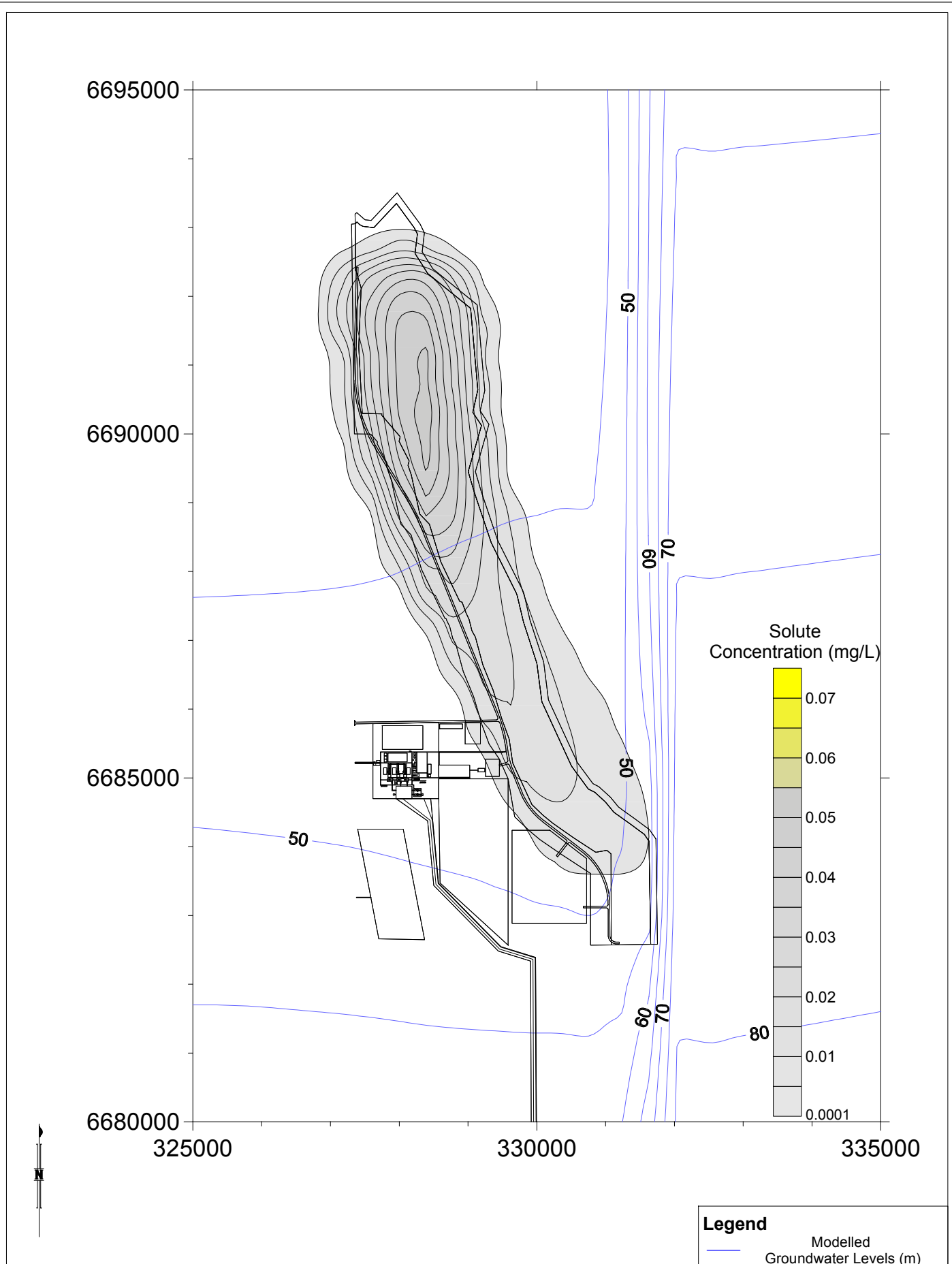


Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels - 5 Years after Closure		
	Drawn: AB	Approved: WY	Date: 06/01/09	Figure: 4.10
	Job No: 42906884	File No: 35Years.srf		Rev A A4

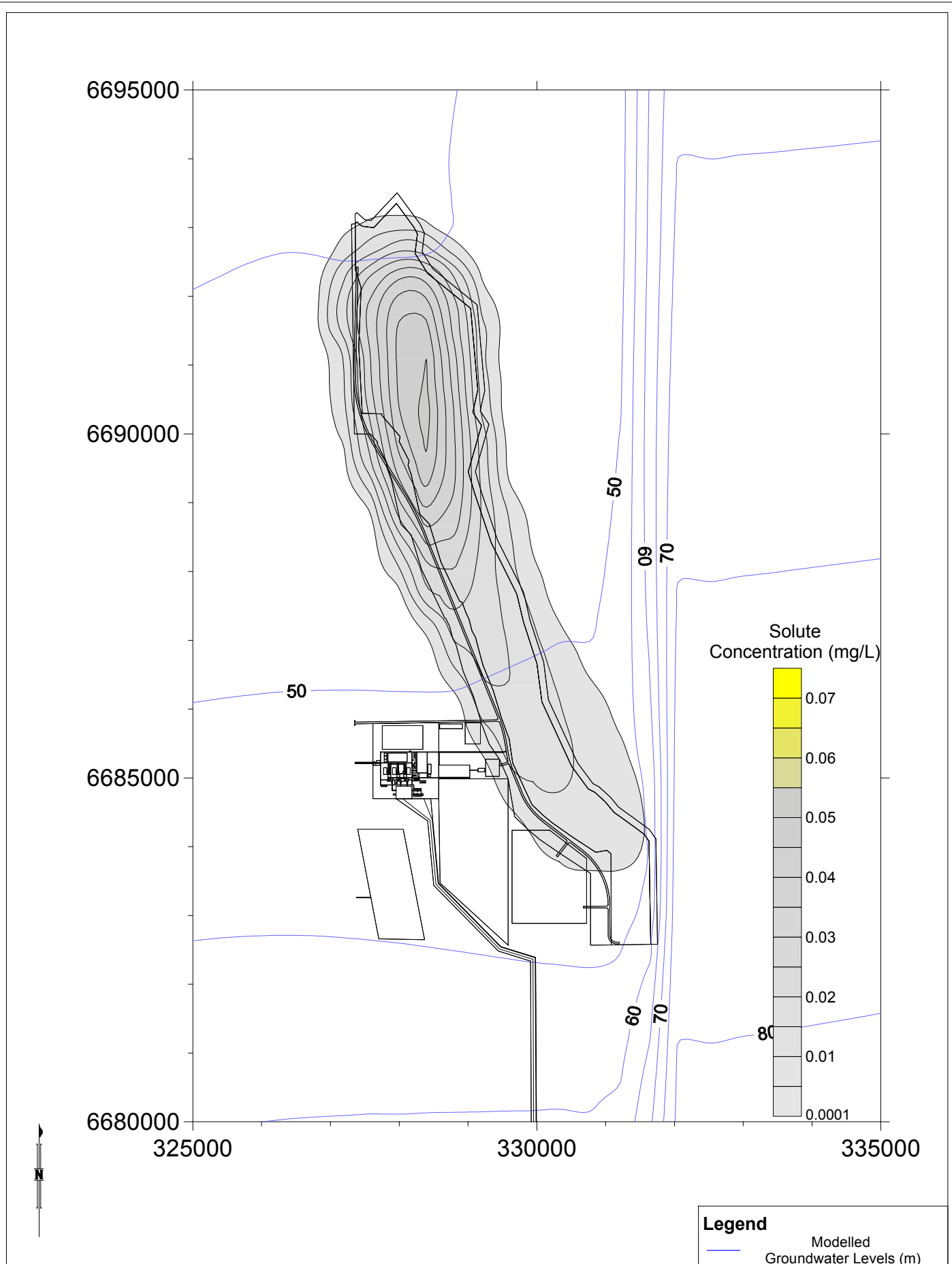
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Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

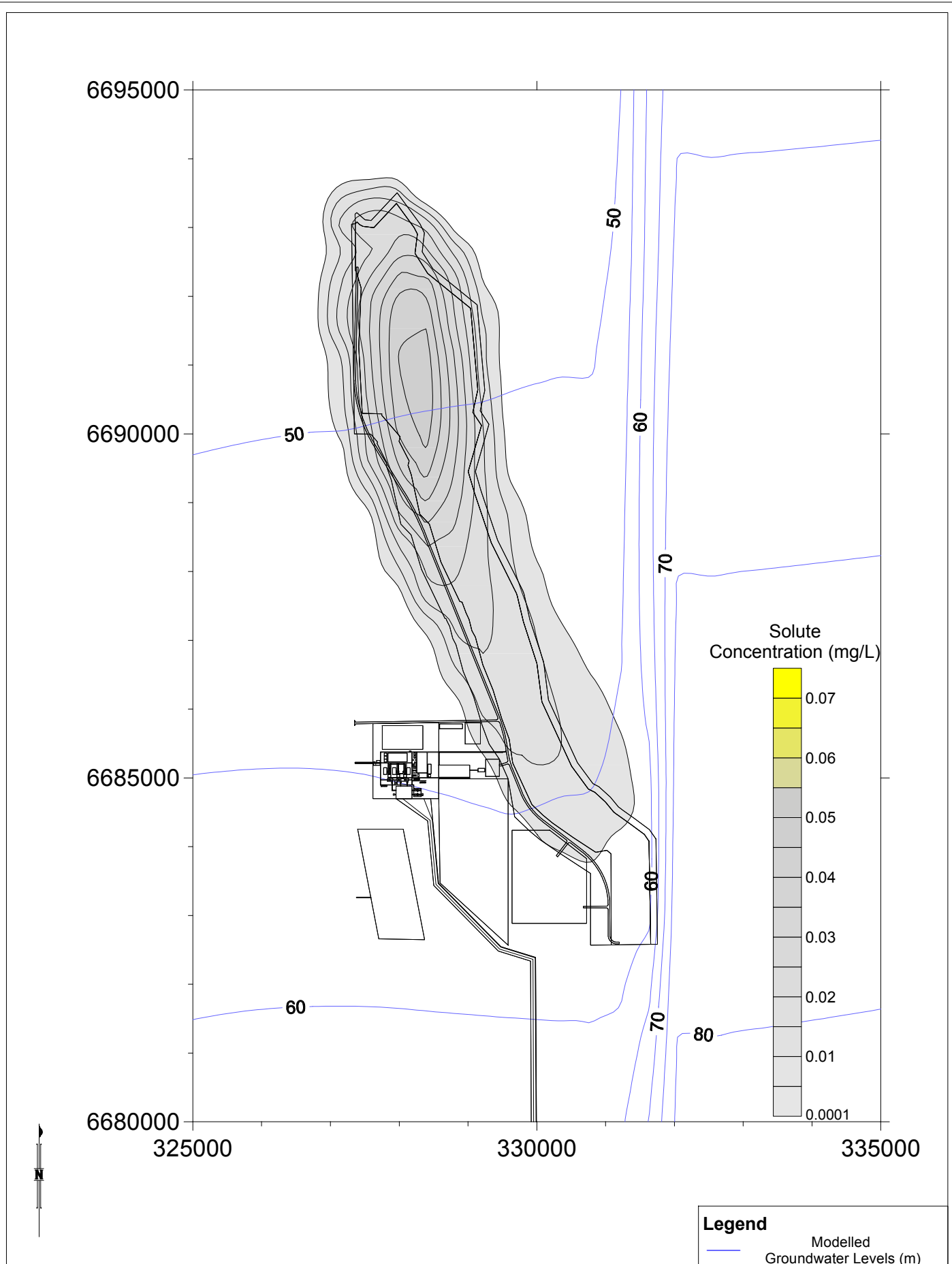
Client: Aviva Corporation Limited		Project: Predicted Impacts of Co-Disposal Options on Groundwater		Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 10 Years after Closure	
		Drawn: AB	Approved: WY	Date: 06/01/09	Rev A
		Job No: 42906884	File No: 40Years.srf	Figure: 4.11	A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

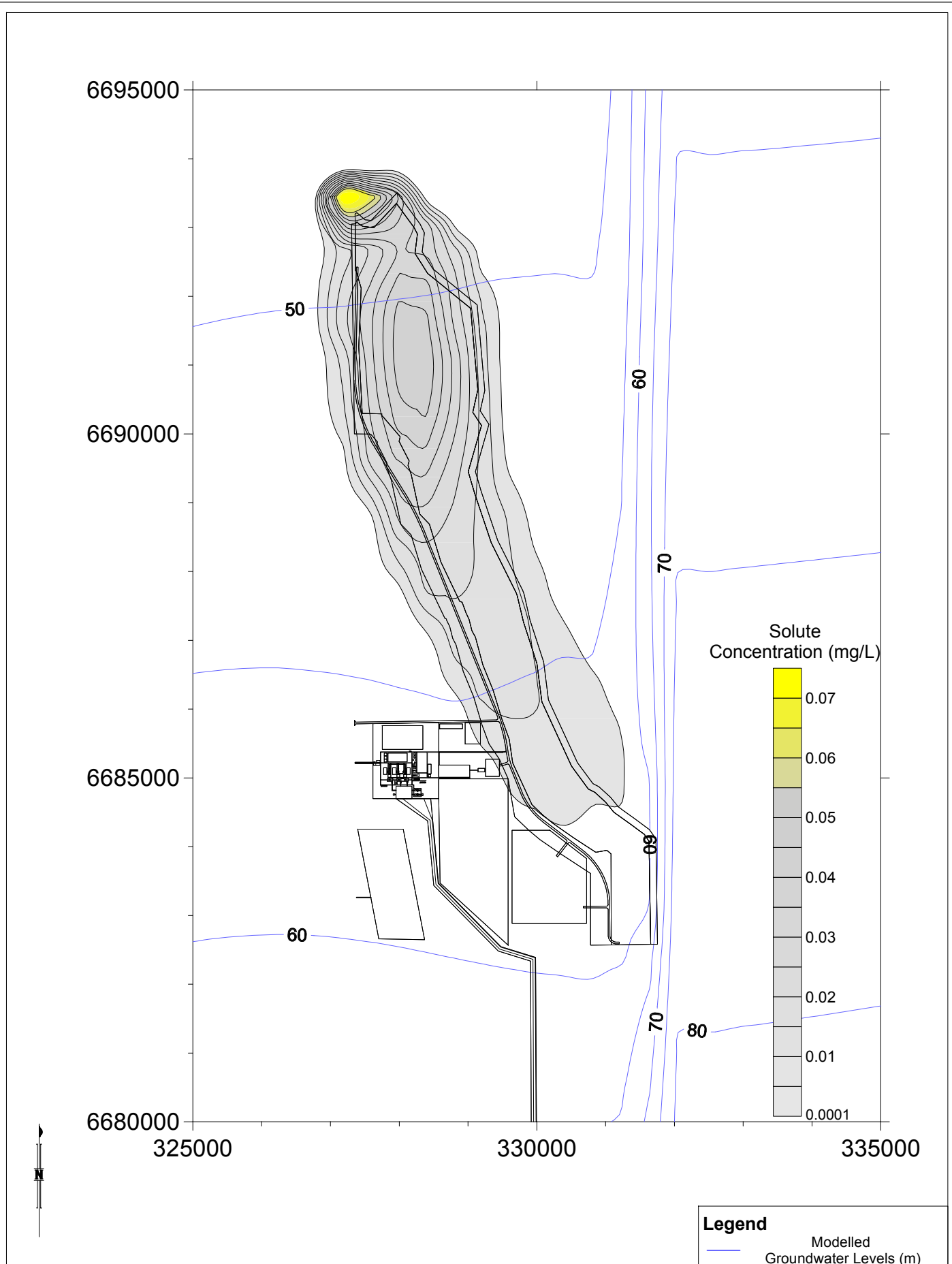
Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 20 Years after Closure		
	Drawn: AB	Approved: WY	Date: 06/01/09	Figure: 4.12
	Job No: 42906884	File No: 50Years.srf		Rev A A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

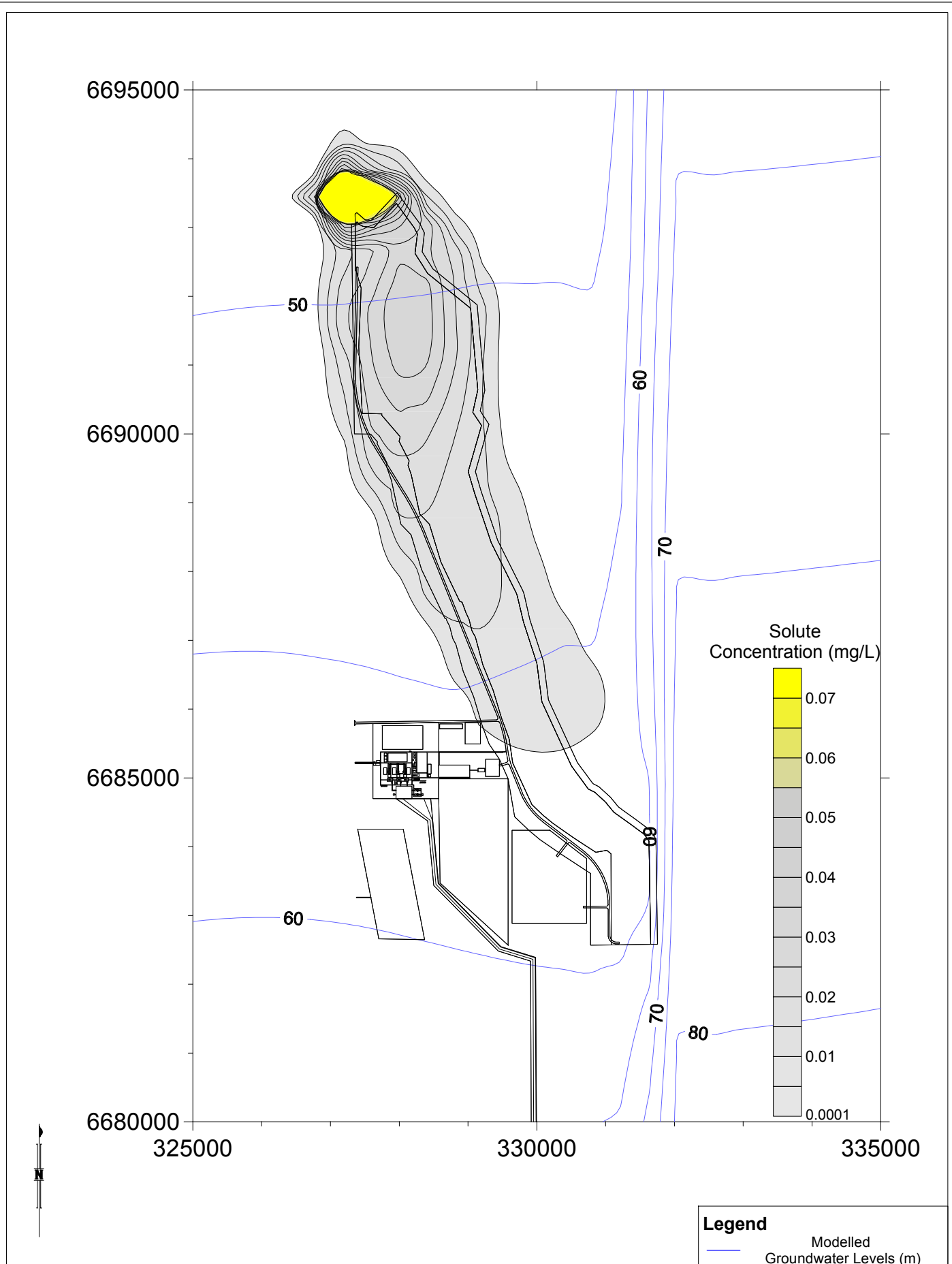
Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 50 Years after Closure		
	Drawn: AB Job No: 42906884	Approved: WY File No: 80Years.srf	Date: 06/01/09	Figure: 4.13 Rev A A4



Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 100 Years after Closure		
	Drawn: AB	Approved: WY	Date: 06/01/09	Figure: 4.14
	Job No: 42906884	File No: 130Years.srf		Rev A A4

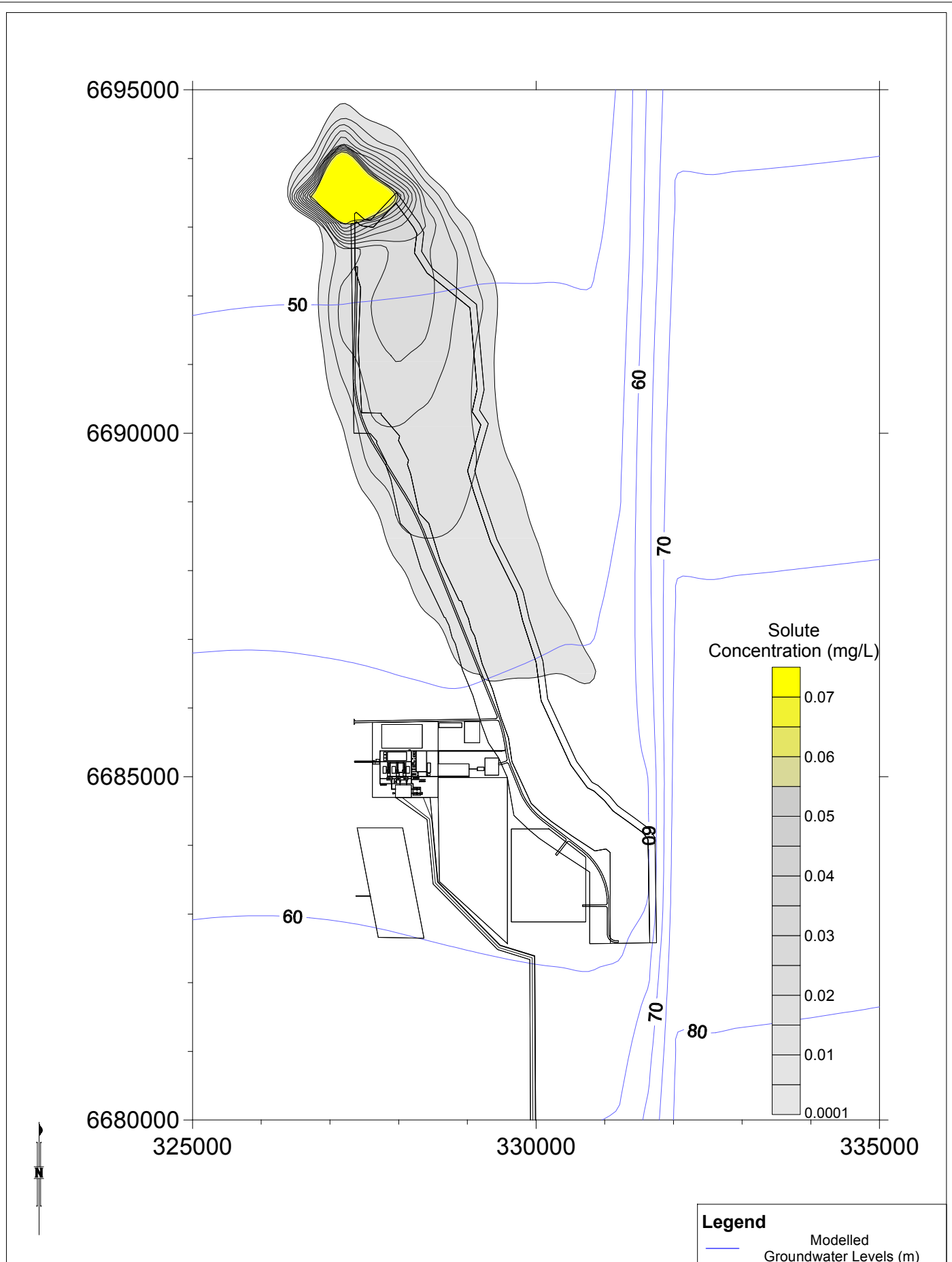


Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

Client: Aviva Corporation Limited	Project: Predicted Impacts of Co-Disposal Options on Groundwater	Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 200 Years after Closure		
	Drawn: AB	Approved: WY	Date: 06/01/09	Figure: 4.15
	Job No: 42906884	File No: 230Years.srf		Rev A A4

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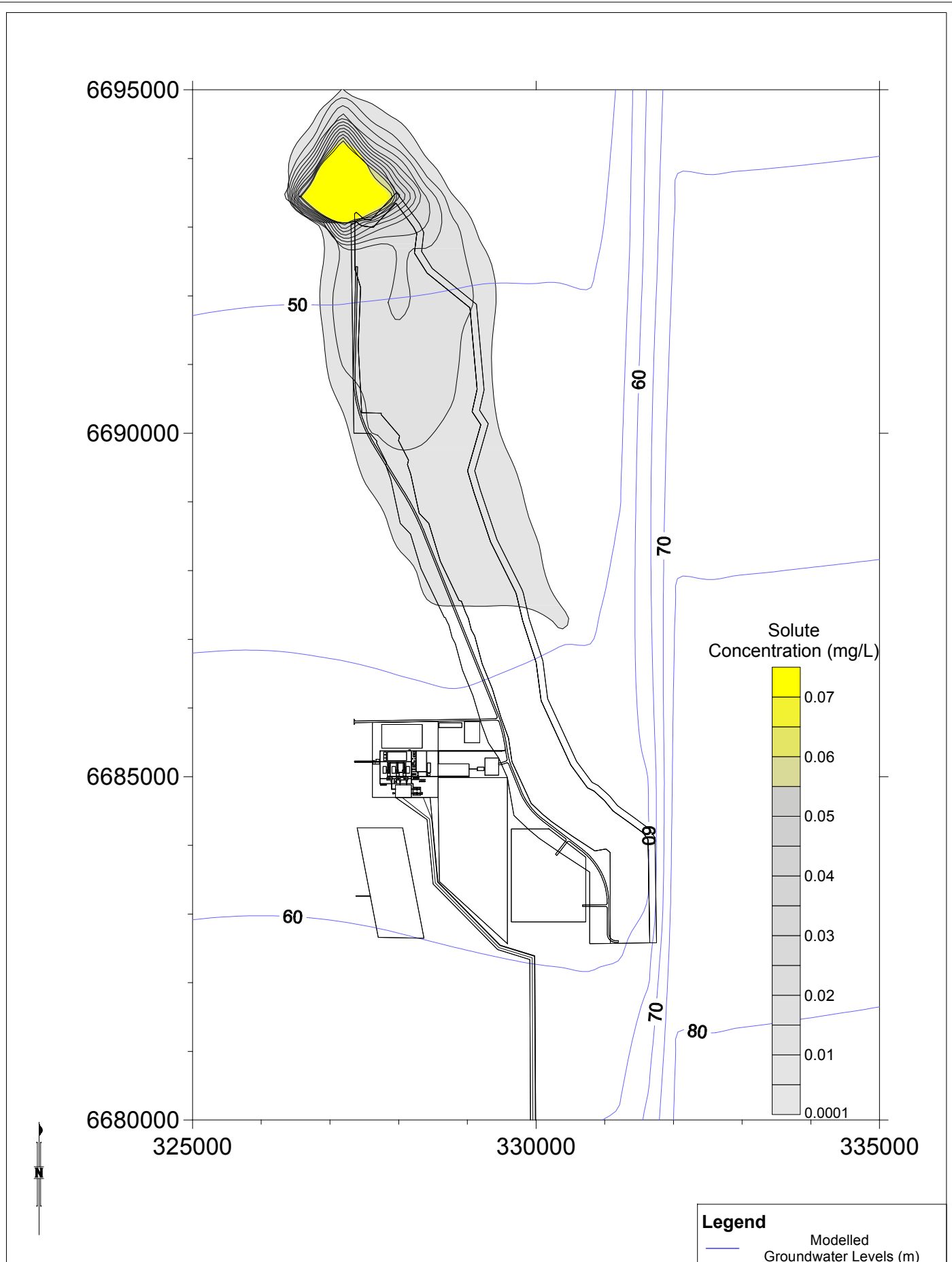


Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

Client: Aviva Corporation Limited		Project: Predicted Impacts of Co-Disposal Options on Groundwater		Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 300 Years after Closure	
		Drawn: AB	Approved: WY	Date: 06/01/09	Rev A
		Job No: 42906884	File No: 330Years.srf	Figure: 4.16	A4

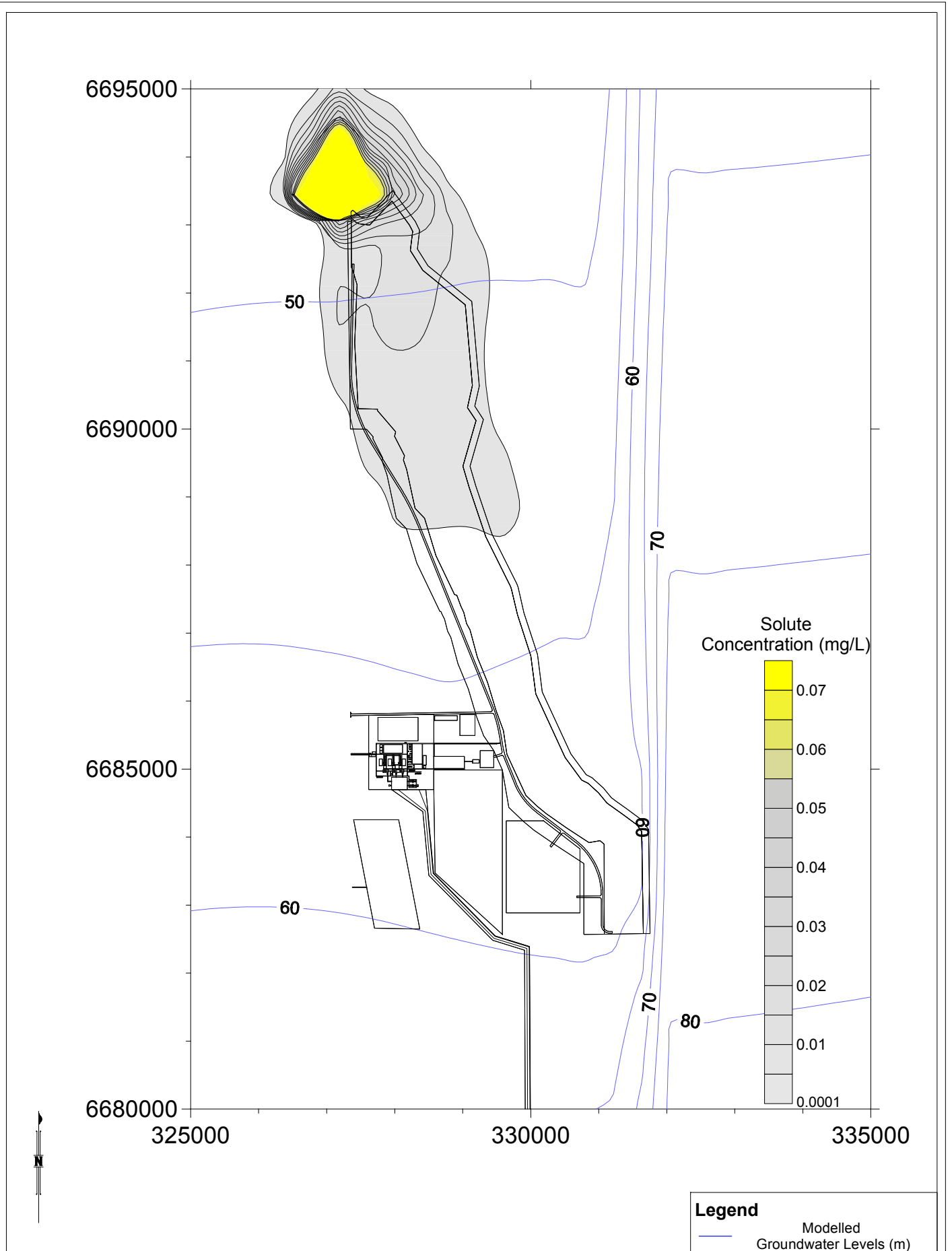
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Datum: GDA94 - Projection: MGA50

Vertical Datum: AHD

Client: Aviva Corporation Limited		Project: Predicted Impacts of Co-Disposal Options on Groundwater		Title: Predicted Non-Reactive Trace Plume and Groundwater Levels- 400 Years after Closure	
		Drawn: AB	Approved: WY	Date: 06/01/09	Rev A
		Job No: 42906884	File No: 430Years.srf	Figure: 4.17	A4



Legend

Modelled Groundwater Levels (m)

Datum: GDA94 - Projection: MGA50		Vertical Datum: AHD	
Client:	Project:	Title:	
Aviva Corporation Limited	Predicted Impacts of Co-Disposal Options on Groundwater	Predicted Non-Reactive Trace Plume and Groundwater Levels- 500 Years after Closure	
	Drawn: AB	Approved: WY	Rev A
	Job No: 42906884	Date: 06/01/09 File No: 530Years.srf	A4
		Figure: 4.18	