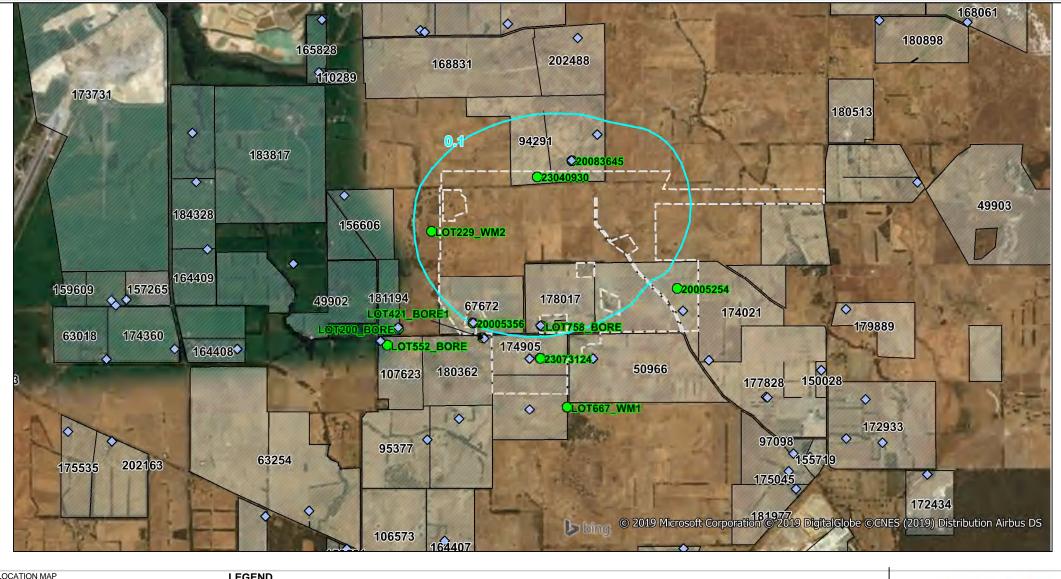
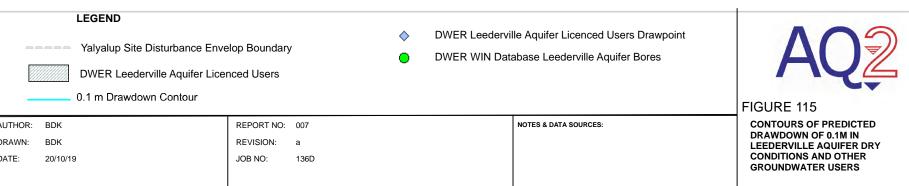
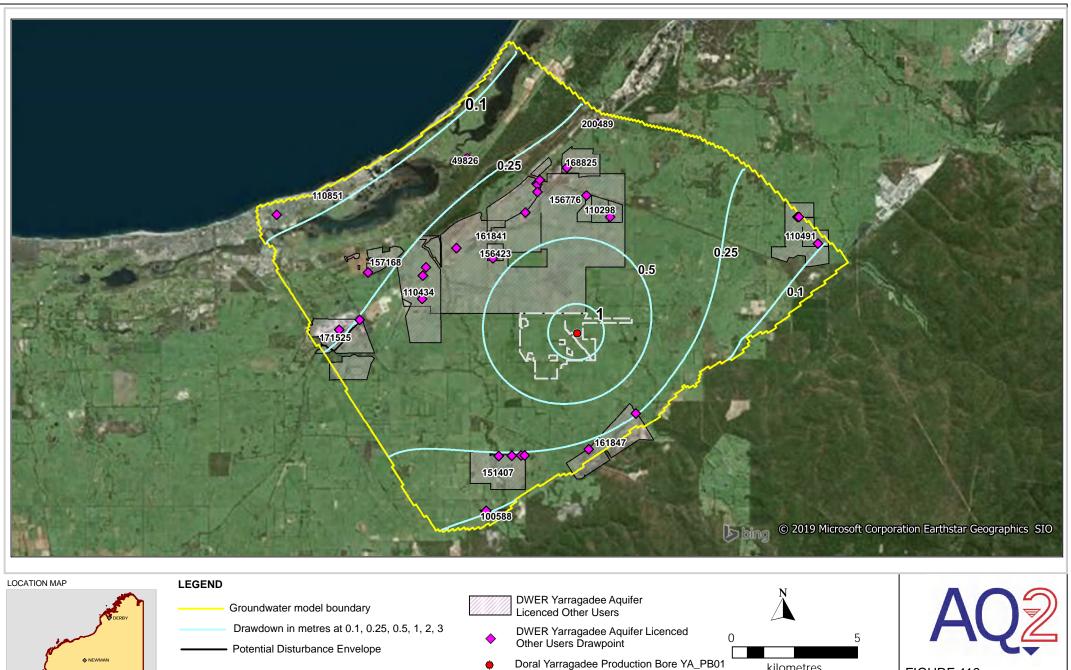


	LEG	GEND			
O DERBY		lyalup Site Disturbance Envelop Boundary DWER Superficial Aquifer Licenced Users	——— Drawdown in metres a	at 0.1, 0.25, 0.5, 1, 2, 3	AQ⊉
	♦ D	WER Superficial Aquifer Licenced Users D	rawpoints		FIGURE 114
¢ Kalgoorije	AUTHOR: BDK DRAWN: BDK	REPORT NO: 0 REVISION: 6	007 a	NOTES & DATA SOURCES:	Q2 - 2022 CONTOURS OF PREDICTED
Project	DATE: 20/10/19		- 136D		DRAWDOWN IN SUPERFICIAL AQUIFER DRY CONDITIONS AND OTHER GROUNDWATER USERS
L					



OCATION MAP	
DERBY	
♦ NEWMAN	
	AUTHO
♦ KALGOORLIE	DRAWN
Project	DATE:





REPORT NO: 007

REVISION: a

JOB NO: 136

AUTHOR: GC

DRAWN: LDS

BANN

cation: F:\136\4.GIS\Workspaces\Groundwater Mode

DATE: 18/10/2019

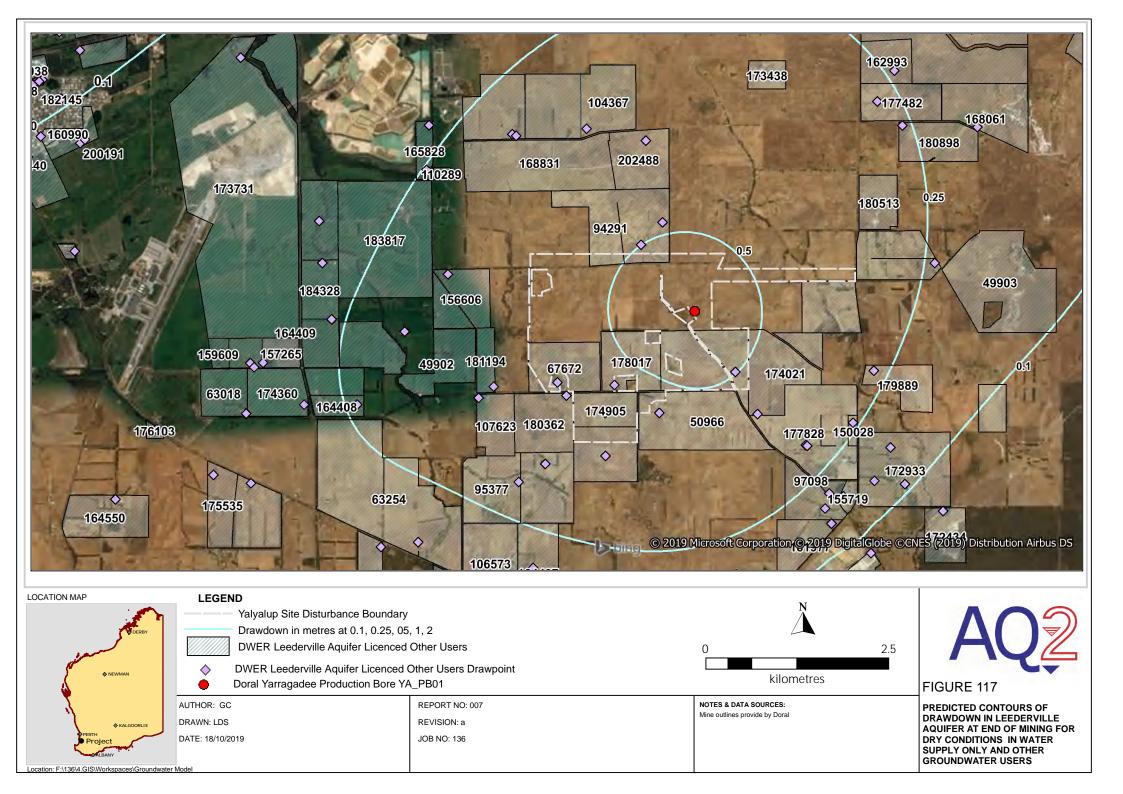
kilometres

NOTES & DATA SOURCES:

Mine outlines provide by Doral

PREDICTED CONTOURS OF DRAWDOWN IN YARRAGADEE AQUIFER AT END OF MINING FOR DRY CONDITIONS IN WATER SUPPLY ONLY AND OTHER GROUNDWATER USERS

FIGURE 116



APPENDIX A BORELOGS

				Borel	hole L	og					
1950	C									ole No: /IB01S	
ABEC	CLIENT: PROJECT: LOCATION: JOB NUMB	:	Doral Miner Yalyalup Yalyalup DMS17-004	al Sands			DATE COMME DATE COMPLE LOGGED BY: CHECKED BY:		12.12.17 12.12.17 D Bourke G Alexand		
	Driller: Bore details:	Wallis Class 1 50mm		Drilling Method: Weather: Total Depth of Hole Static Water Level:	:	Aircore Fine 7.0m	Surface RL: Datum: Top of Casing Rl	23.46mAHD MGA94 .:	-	357253.17 6270020.7	
Depth (mBGL)	GRAPHICAL LOG			LITI	HOGICAL	DESCRIPTION			WELL	CONSTRU	CTION
~0.75	Surface casing height			Surface casing	g height C).72m above surfa	ce level				
0.50		Crean	n, fine grainec	, good sorted, sand.							
1.00									******		******
1.50	_										
2.00	-	Brown	n/brown-grey	medium grained, go	od sorte	ed, clayey sand					
2.50	-										
3.00											
3.50 4.00		Brown	n, ironstone								
4.50											
5.00											
5.50		Grey,	clay								
6.00											
6.50											
7.00											

			Borehole	Log				
							Borehole No:	
ADEC	Environmental I Co	onsulting					YA_MB02S	
ABECT	CLIENT:	Doral Minera	l Sands		DATE COMME	NCED:	12.12.17	
	PROJECT:	Yalyalup			DATE COMPLE	TED:	12.12.17	
	LOCATION:				LOGGED BY:		D Bourke	
	JOB NUMB Driller:	Wallis DMS17-004	Drilling Method:	Aircore	CHECKED BY: Surface RL:	20.23mAHD	G Alexander	356759.62
	Bore	Class 18PVC	Weather:	Fine	Datum:	MGA94	Northing:	6270882.49
	details:	50mm diameter	Total Depth of Hole: Static Water Level:	9.0m	Top of Casing RI	.:		
Depth (mBGL)	GRAPHICAL LOG		LITHOGIC	CAL DESCRIPTION			WELL CONST	RUCTION
~1.0	Surface casing height		PVC surface casing hei	ght 0.94m above surfac	e level			
0.50	Ť	Grey brown, good so	orted, medium to coarse g	rained. clayey sand				
1.00							\$\$\$\$\$	\$55555555
1.50								
2.00		Orange brown, later	ite					
2.50								
3.50								
4.00		Grey, good sorted, n	nedium to coarse grained,	, sandy clay				
4.50	()))		<i>.</i> ,					
5.00	\overline{m}							
5.50		Grey, poor to moder	rately sorted, grit, clayey s	and. Wet				
6.00 6.50								
7.00								
7.50		Grey, moderately so	rted, medium to very coa	rse grained, clayey sa	nd. Wet			
8.00								
8.50								
9.00	<u> </u>							

A	Q⊉		Borehole	Log			Boreh	ole No:	
								VIB03S	
	CLIENT: PROJECT: LOCATION: JOB NUMB		al Sands		DATE COMMEN DATE COMPLET LOGGED BY: CHECKED BY:		01.06.19 01.06.19 R Olivier		
	Driller: Bore details:	Aquatech Class 18PVC 100mm diameter	Drilling Method: Weather: Total Depth of Hole: Static Water Level:	Mud rotary Fine 9 m	Surface RL: Datum: Top of Casing RL:	18.76 mAHD MGA94	Easting: Northing:		
Depth (mBGL)	GRAPHICAL LOG		LITHOGI	CAL DESCRIPTION			WELL	CONSTRU	CTION
~0.46	Surface casing height		Surface casing heigh	nt 0.46 m above surface	level				
0.50									
1.00									
1.50									
2.00		Brown, ironstone							
3.00									
3.50									
4.00 4.50		Grey, medium grain	ed sandy clay						
5.00									
5.50		Grey,clay							
6.00									
6.50									
7.00		Grey, moderately so	orted, medium to very coa	arse grained, sand.					
8.00 9.00		Micaceous Clay							

			Borehole	Log				
ABEC I	Environmental I Co	onsulting		U			Borehole No: YA_MB04S	
	CLIENT: PROJECT: LOCATION: JOB NUMB	ER: DMS17-004			DATE COMME DATE COMPLE LOGGED BY: CHECKED BY:	TED:	12.12.17 12.12.17 D Bourke G Alexander	
	Driller: Bore details:	Wallis Class 18PVC 50mm diameter	Drilling Method: Weather: Total Depth of Hole: Static Water Level:	Aircore Fine 9.0m	Surface RL: Datum: Top of Casing RL	22.86mAHD MGA94 :	Easting: Northing:	357788.68 6270637.28
Depth (mBGL)	GRAPHICAL LOG		LITHOGIC	AL DESCRIPTION			WELL CONST	RUCTION
~0.75	Surface casing height		PVC surface casing hei	ght 0.71m above surfac	e level			
0.50								
1.00		Cream, good sorted,	fine to coarse grained, cla	ayey sand				55555555
1.50 2.00								
2.50		Orange brown, irons	tone					
3.00		Grey brown, modera	ately sorted, medium to ve	ery coarse grained, cla	ayey sand			
4.00		Grey, clay						
5.00								
5.50		Grey, good sorted, n	nedium to coarse grained,	sandy clay. Wet				
6.00 6.50		Grev. good sorted in	nedium to coarse grained,	clavey sand. Wet				
7.00								
7.50		Grey, good sorted, n	nedium to coarse grained,	sand. Wet				
8.00 8.50								
9.00		Grey, moderately so	rted, medium to coarse gr	rained, sand. Wet				