AQ⊋			Borehole	Log			Boreh YA_N	ole No: MB05S]
	CLIENT: Doral Mineral PROJECT: Yalyalup LOCATION: Yalyalup JOB NUMBER: 136D		Doral Mineral Sands 'alyalup 'alyalup .36D		DATE COMMENCED: DATE COMPLETED: LOGGED BY: CHECKED BY:		31.05.19 31.05.19 R Olivier		
	Driller: Bore details:	Aquatech Class 18PVC 100mm diameter	Drilling Method: Weather: Total Depth of Hole: Static Water Level:	Mud rotary Fine 8 m	Surface RL: Datum: Top of Casing RL:	21.8 mAHD MGA94	Easting: Northing:	357787 6270960	
Depth (mBGL)	GRAPHICAL LOG		LITHOGIC	CAL DESCRIPTION			WELL	. CONSTRU	CTION
~0.48	Surface casing height		Surface casing heigh	nt 0.48 m above surfac	e level				
0.50									
1.00		Grey, medium grain	ied, good sorted, sand.						300000
1.50									
2.00									
2.50									
3.00		Brown, ironstone							
3.50									
4.00									
5.00	1								
5.50		Caracity and the second							
6.00		Grey, medium to ve	ery coarse grained, clayey	sand					
6.50									
7.00									
8.00		Grey, moderately so	orted, medium to very coa	arse grained, sand.					
9.00		Micaceous Clay							

A	D 2		Borehole	Log			Boreh	ole No:]
						YA_I	MB06S		
	CLIENT: PROJECT: LOCATION: JOB NUMB	Doral Miner Yalyalup Yalyalup ER: 136D	al Sands		DATE COMMEN DATE COMPLET LOGGED BY: CHECKED BY:	CED: ED:	31.05.19 31.05.19 R Olivier		J
	Driller: Bore details:	Aquatech Class 18PVC 100mm diameter	Drilling Method: Weather: Total Depth of Hole: Static Water Level:	Mud rotary Fine 8 m	Surface RL: Datum: Top of Casing RL:	20.52 mAHD MGA94	Easting: Northing:	357960 6271720	
Depth (mBGL)	GRAPHICAL LOG		LITHOGI	CAL DESCRIPTION			WELI	_ CONSTRU	CTION
~0.43	Surface casing height		Surface casing heigh	nt 0.43 m above surface	e level				
0.50		Grey, medium grair	ed, good sorted, sand.				****		
1.50 2.00 2.50 3.00 3.50 4.00		Grey, medium to co	arse grained, sandy clay						
4.50 5.00 5.50 6.00		Grey, medium to ve	ry coarse grained, clayey	sand					
6.50 7.00 8.00		Micaceous Clay							

	-		Borehole	Log				
							Borehole N	o:
							YA_MB07	S
ABEC	Environmental I Co	onsulting						
	CLIENT:	Doral Minera	I Sands		DATE COMMEN	ICFD:	12 12 17	
	PROJECT:	Yalyalup			DATE COMPLET	ED:	12.12.17	
	LOCATION:	Yalyalup			LOGGED BY:		D Bourke	
	JOB NUMB	ER: DMS17-004			CHECKED BY:		G Alexander	
	Driller:	Wallis	Drilling Method:	RC	Surface RL:	25.04mAHD	Easting:	358606.42
	Bore	Class 18PVC	Weather:	Fine	Datum:	MGA94	Northing:	627857.72
	details:	50mm diameter	Total Depth of Hole: Static Water Level:	8.0m	Top of Casing RL:		-	
Depth (mBGL)	GRAPHICAL LOG		LITHOGIC	CAL DESCRIPTION			WELL CON	
~0.75	Surface casing height		PVC surface casing hei	ght 0.79m above surface	e level			
0.50		Grey brown, good sc	orted, medium to coarse a	grained, sand				
1.00		, , ,					<u> ::::::::::::::::::::::::::::::::::::</u>	\$5555555
							111111	
1.50		Grey brown, good so	orted, medium to coarse g	grained, clayey sand			111111	
2.00							111111	11111
2.00								
2.50		Cray brown alow						
		Grey brown, clay						
3.00								
3.50								
4.00								
		Orange brown, clay,	wet at 4m					
4.50								
5.00								
5.50	MM	Grey, good sorted, m	nedium to coarse grained	, sandy clay. Wet				
6.00	$\overline{\eta}$							
								■日日日
6.50		Grey, moderately so	rted, medium to very coa	rse grained, clayey sai	nd. Wet			
7.00								
	[
7.50		Grev brown modera	ately sorted, medium to y	erv coarse grained sa	nd. Wet			
	:::::::::::::::::::::::::::::::::::::	e.cy brown, modeld		e., course gramea, sa				
8.00	<u> </u>	4						

			Borehole	Log					
	↓ ℤ						Boreh	ole No:	
							YA_N	/IB08S	
							L		
	CLIENT:	Doral Minera	al Sands		DATE COMMEN	ICED:	31.05.19		
	PROJECT:	Yalyalup Yalyalup			DATE COMPLET	ED:	31.05.19 B Olivier		
	JOB NUMB	ER: 136D			CHECKED BY:		I Olivier		
	Driller:	Aquatech	Drilling Method:	Mud rotary	Surface RL:	23.24 mAHD	Easting:	358589	
	Bore	Class 18PVC	Weather:	Fine	Datum:	MGA94	Northing:	6271310	
	detalls:	100mm diameter	Static Water Level:	10 m	Top of Casing RL:				
Depth (mBGL)	GRAPHICAL LOG		LITHOGIC	CAL DESCRIPTION			WELL	CONSTRU	CTION
~0.41	Surface casing height		Surface casing heigh	t 0.41 m above surface	level				
0.50		Grey medium grain	ed good sorted sand						
1.00									
1.50	-								
2.00									
2.50									
3.00		Grey, medium to coa	arse grained, sandy clay						
3.50									
4.00									
5.00									
5.50									
6.00									
6.50									
7.00		Grey, medium to vei	ry coarse grained, clayey s	sand					
8.00									
9.00									
10.00	hunn	Micaceous Clay					\overline{m}		m_{1}

			Borehole	Log				
							Borehole	No:
							YA_MB0	995
ABEC	Environmental I Co	onsulting						
	CLIENT:	Doral Mineral	Sands		DATE COMMEN	CED:	12.12.17	
	PROJECT:	Yalyalup			DATE COMPLET	ED:	12.12.17	
	LOCATION:	Yalyalup			LOGGED BY:		D Bourke	
	JOB NUMB	ER: DMS17-004	D. III Marked	A	CHECKED BY:	20 50 4115	G Alexander	250404.22
	Driller:	Wallis	Drilling Method:	Aircore	Surface RL:	30.58mAHD	Easting:	359401.33
	Bore	50mm diameter	weather: Total Depth of Hole:	Fine 8.0m	Datum: Top of Casing PL:	MGA94	Northing:	6270500.97
	uetans.	Sommulameter	Static Water Level:	8.011	TOP OF Casing RE.			
Depth (mBGL)	GRAPHICAL LOG		LITHOGI	CAL DESCRIPTION			WELL CO	NSTRUCTION
	Surface							
~0.75	casing height		PVC surface casing he	ight 0.62m above surf	ace level			
	neight							
0.50		Croam clavov cand						
1.00		Creatti, clayey satiu						
								<u>93935939</u>
1.50								
1.00								
2.00								
2 50								
2.30		Grey brown, clayey s	and				同時目	
3.00								
							同時目	
3.50							目的に調査	
4 00							比比目	
							化说着	
4.50	\dots	Grev brown, sandy cl	av				比比加国	
	\dots		- 1				同じに	
5.00							比比目	
5.50							同じに	
		Grey, clay					にじた	
6.00							同常重	目前の
6 50	[
0.50								
7.00		Grey clavey sand W	et at hase					
		Grey, clayey salid. W					同心冒	
7.50							にいた	
8.00							同心是	
0.00								

			Borehole	Log					
	C						Borehol YA_MI	le No: B10S	
ABEC	CLIENT: PROJECT: LOCATION:	Doral I Yalyalu Yalyalu	Mineral Sands Jp Jp		DATE COMMEN DATE COMPLET LOGGED BY:	NCED: TED:	12.12.17 12.12.17 D Bourke		
	JOB NUMB	ER: DMS1	7-004 Drilling Mothod:	Aircoro	CHECKED BY:	29 E1mAUD	G Alexande	er	250205 12
	Bore details:	Class 18PVC 50mm diamete	Weather: r Total Depth of Hole: Static Water Level:	Fine 7.0m	Datum: Top of Casing RL	MGA94	Northing:	6	270895.98
Depth (mBGL)	GRAPHICAL LOG		LITHOGI	CAL DESCRIPTION			WELL C	CONSTRUC	CTION
0.75	Surface casing height		PVC surface casing he	ight 0.75m above surfa	ice level				
0.50		Orange brow	n, good sorted, fine to medium	grained, clayey sand.					
1.00							55555555		<u></u>
1.50		Cream, good s	sorted, medium to coarse graine	ed, clayey sand					
2.00		Brown, mode	rately sorted, medium to very c	oarse grained, sand					
3.50		Grey, good so	irey, good sorted, moderate to coarse grained, clayey sand						
4.50		Grey, good so	rted, moderate to coarse graine	ed, sand					
5.50		Grey, modera	tely sorted, moderate to very co	parse, sand					
6.50		Grey, modera	tely sorted, coarse to very coars	se sand, wet					

Δ.	15		Borehole	Log					
	1 2						Boreh	ole No:	
							YA_N	/B11S	
		Doral Minera	l Sands				31 05 19		
	PROJECT:	Yalvalup	i Sullus		DATE COMPLET	TFD:	31.05.19		
	LOCATION:	Yalvalup			LOGGED BY:		R Olivier		
	JOB NUMB	ER: 136D			CHECKED BY:				
	Driller:	Aquatech	Drilling Method:	Mud rotary	Surface RL:	24.69 mAHD	Easting:	359295	
	Bore	Class 18PVC	Weather:	Fine	Datum:	MGA94	Northing:	6271545	
	details:	100mm diameter	Total Depth of Hole:	8 m	Top of Casing RL	:			
			Static Water Level:						
Depth	GRAPHICAL							CONSTRU	CTION
(mBGL)	LOG		LITHUGI	LAL DESCRIPTION			VVELL	CONSTRU	CHON
	Surface								
~0.45	casing		Surface casing heigh	nt 0.45 m above surface	elevel				
	height								
0.50									
0.50		Grev medium graine	ed good sorted sand						
1.00		Grey, meaningrame							
1.00									
									88666
1.50							133333		aaaaa
2.00		Brown, ironstone							
2.50									
2.50									
2.00									
3.00							133333		
2 50									
5.50									
1.00									
4.00									的复数
1 50		Grev. medium to ver	v coarse grained. clavev	sand					
4.50			, searce Brainea, elayey						出版的
E 00									
5.00									
E 50									
5.50									
6.00									
6.50		:							
		Grey, medium to ver	y coarse grained, sand						
7.00									
8.00	inininini	Micaceous Clay							

	1		Borehole	Log					
	AQZ					Borehole No:]	
							YA_N	VB12S	
									J
	CLIENT	Daral Minor	ral Cando			CED:	01.00.10		
		Valvalup	rai Sanos				01.06.19		
		Yalvalup				ED.	R Olivier		
	JOB NUMB	FR: 136D			CHECKED BY:		N OIWIEI		
	Driller:	Aquatech	Drilling Method:	Mud rotary	Surface RL:	22.79 mAHD	Easting:	359159	
	Bore	Class 18PVC	Weather:	Fine	Datum:	MGA94	Northing:	6271808	
	details:	100mm diameter	Total Depth of Hole:	9 m	Top of Casing RL:				
		•	Static Water Level:				,		
Depth (mBGL)	GRAPHICAL LOG		LITHOG	ICAL DESCRIPTION			WELL	CONSTRU	CTION
	Surface								
~0.45	casing		Surface casing heig	ht 0.45 m above surfac	ce level				
	height		5 5						
0.50									
0.50		Grev. medium grain	ned, good sorted, sand,						
1.00			ica, good sorrea, sana.						
1.00									
1.50									
2.00							8888		
2.00									83888
2 50							i de la della d		a da
2.50									
3.00		Brown, ironstone					8888		
5.00							8888		
3.50									
4.00									
							出出		
4.50							133333		
							8668		
5.00									
	1								
5.50									
6.00									
		Grey, medium to ve	ery coarse grained, clayey	r sand					
6.50									
7.00	-						1999		
0.00							13333		i de la compañía de la
0.00							18888		e e e e e e e e e e e e e e e e e e e
9.00		Micaceous Clav							\overline{m}

APPENDIX B

RESULTS OF HYDRAULIC TESTS

















































