William C. Cromer Pty. Ltd. Environmental, engineering and groundwater geologists														
Hydrogeology borehole log Sheet 1 of 1													1	
Project OAK TASMANIA: 56A Clydesdale Avenue, Glenorchy Location Grassy knoll; 6m W of bore GW 05 Coordinates 522572mE; 5256590mN Drill type HydraPower track mounted Hole started 23 July 2013														
Equipment 125mm solid auger; Hole finished 24 July 2013														
	Datu RL	m	GDA94 54.802mAHD				HQ coring			Drilled	by	KMR	Drill	ing (D. Frazer)
	Inclii Bear	natio	n Vertical			Drill	fluid(s) None with aug LP2000 after		er and	Logge Check	-	W.C W.C		
			Notes Samples, tests	ŕġ	Metres	b	Materials	Groundwater quality				Completion details		Structure,
Bit tvpe/size	E E	Water	PID = photo-ionisation detector mbg = metres below ground mbtc = metres below top of casing	eathe		Graphic log	Soil/rock type, colour, plasticity or particle characteristics, secondary and minor components	ر آټ	- 45	<u>م</u> جا ،	-	uetan	`	geology and interpretation
Bit t		≥		Slight Mod Weather' Soil	RL Depth	Grap		EC (µS/cm)	PH ORP (Vm)	OC) → DO		Casing Screen Gravel	Sea	
(inc	-			0/210	-	*****	Sandy CLAY and					0.66m	-	Tertiary-age _
Auger (solid: 125mm)	F				-		clayey SAND: orange, grey and							poorly-sorted _ boulder beds _
der (so	È_				1 —	0	brown; trace to some silt and fine-medium					ig stick-up		(clasts mainly of dolerite with minor
Auc	F				-	61040 1993 1993	EW doleritic gravel					Casing		pebble size _ Parmeener _
	F													sandstone,
	-		SIMI - 2 28-6- 00201		2	0								mudstone); symbol Tcb
		ŧ	SWL=2.38mbg 0930hrs		-	Q.								-
	È_		SWL= 2.51mbg 1519hrs 31/7/13		3 —								_	-
	F				-	9								-
	F				-	HQH.								_
ĝ	-		Auger refusal at 4mbg; Mains water added during diamond coring		4									_
() puou	È		4 – 4.7mbg; 80% recovery		-	Ø								_
rel diar	E				Core loss	ыны								-
Triple barrel diamond (HO)	Ŀ				Core loss	0		In	nsufficient during	flow to test drilling	:			-
Ē	E				-	07-	CONGLOMERATE:						+-	Tertiary-age _
	E		Standing water level in		6 —		olive grey and green; matrix supported;							poorly to moderately sorted_
	E		monitoring bore GW05 5.8 to NE rose from 3.35mbtc to 3.20mbtc while coring to 6m in		-	00 89	variably 30 to 60% angular to						-	pebble beds
	E		GW09A		Core loss		subangular sandstone, siltstone,	low flo	w samplin	measured g of GW9A	from			Parmeener – sandstone, –
	F				-	89	chert clasts to 50mm in a nonplastic	I 1	1 1	31 July 201	1		-	siltstone and – mudstone) –
	F				-		matrix; weakly cemented (horizon of			1.63 16.6		88	-	Symbol Tcbs; –
	F	-			8	8	pink/orange silty clay 5.90-6.05m)	Result	s of lab ar	alysis of C	SW9A			possible volcanic – ash horizon 5.90–
	F				-	88	CONGLOMERATE:	.			1	諁		6.05m – –
	F				-	87	orange and yellow brown; sand matrix					諁		-
	F		Total estimated volume of mains water added to subsurface during 100 minutes		9	89	matrix supported subangular sandstone	;				원 문 말 봤		Collapse to 9.1mbg -
L	ŧ_		of diamond drilling = 50L			\$ 9	clasts to 50mm					ed joir ed 0.2m quartz		_
	F				10 _		EOH at 9.6mbg; collapsed to 9.1mbg					Casing: 50mm Class 18 PVC threaded joints : 50mm Class 18 PVC factory-slotted 0.2mm Sand: screened 2mm subrounded quartite Sast Bantonic pallets		_
	F				-							T T T T T T T T T T T T T T T T T T T		-
	F				-							1 Class 18 PV(ed 2mr		_
	F				11 -	1						Casing: 50mm Clt 50mm Class 18 Sand: screened		_
	F				-							Casing: 50mm Class 18 PVC threaded joints Screen: 50mm Class 18 PVC factory-slotted 0.2mm Sand: screened 2mm subrounded quartite Saal: Bennoire zollars		-
	F											Screen:		