

Job Information

Project Name: Symphon								Time: arrive 245pm depart						
Project I	Name:	ŧ.	Symp	hen)			Project	Numb	er:	00	2741	98	
Site Loc	ation:		Lid	lell				Sample	r:		1-	hra		
Well ID:		41-	MW	01				Weathe	r:			Fin	2	
			140	1 H	OMETA TO		Equi	pment	T. IVI	10	No.	a Britonia		
Water q	uality equ	ipment c	lescription:					Inter	face p	robe nu	ımber:	SY	D 3954 6Um	
Purging (please	equipmer cirlce)		Bailer type Pump type		Plastic Peristalt	ic	Teflon Submers	sible	Micro	-purge	A	Amazon	Other: Menson	
31-7			Total Car	ine see	Well G	auging	and Pur	ge Volum	ne Ca	lculati	ons	. THY ET		
Casing I	Diameter		25m	m 50	mm 10	00mm	125mm	150mm	200m	m 25	0mm	300mm	Volume of water in well / V	
	ion Facto	r	0.98	8 2	96	7.85	31.4	49.1	70.7	12	25.7	196.3	= Prxrxh V = volume in litres P = 3.14159	
	product:			Nater Co	lumn (x) 1 m (x)		sion Facto	r (=) Litre (=) _ m		1 Well '		V	r = radius in cm h = height of water column in cm	
						Wat	er Qualit	y Param	eters			- 16		
Beginnir	ng purge t	ime:			Ending p	ourge time	e:							
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox	Drawdow <10cm		1	min		omments		
								100	4	7	1,01	+ 10	ilky brown	
								Lice	Ler	/	74	1 /01	my brank	
								0001	100	11	a.			
							1		and the second	9	da	(Q)	~ 251	
-								1			0) (~ 25L	
													-402	
												77.20		
												(X)		
													11	
	Λ.													
		*pH, te	mp, cond rea	dings not	necessary	if well is p	urged dry	Exampl	e Con	ments:			udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth	
(TOL		Vell Volume mount of wat		sampling			Sample ti	ime _			_ Conta	iners used	
		Flow ra	ate	- P. 101 10		Did field	paramete	rs stabilise	? Y	N	NA	Was the	well dry purged? Y N	
The Figure	No.	9-88111			THE DEN		Field QC	Checks	n x			E PAR		
Was pre-	-cleaning	sampling	g equipmen	t used fo	r these s	amples?		Y	N	- UIPARE				
	2		g equipmen				ontaminat	ion? Y	N					
52 2000 - 100		- 18 - 18	ipment con		97			Y	N	NA				
Were air	bubbles	present i	n vials at tir	ne of col	ection?			Y	N	NA				
			d filtered pr			ns?		Y	N	NA				
	e sample		-	20				Y	N		Duplica	ate sample	ID	
	blank coll							Y	N			e blank ID		



	1 1	revuo	low-e	111		000	mormad	011					
		13					Time	S PROPERTY	12-10		depart 13:10		
Project N	lame:	pject	Symp	hony			Proje	ct Number	0224	198			
Site Loca	ation: L10	dell	0 1				Samp	oler: N	H				
Well ID:	LI_M	WO2					Weat	her: Fi	ie				
						Е	quipment		Y = Y = T				
Water qu	ality equip	ment des	scription:	NA	}		In	terface pro	be number:	341	3954		
Purging e (please c	equipment irlce)		ailer type ump type		Plastic Peristaltic	Teflo	n mersible	Micro-p	urge /	Amazon	Other:		
					Well Gaug	ging and I	Purge Vol	ume Calc	ulations				
Casing D	iameter		25n	nm 50)mm 100m	m 125mr	n 150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversion (volume in fa	on Factor		0.4	19 /1	.96 7.85	12.3	17.7	31.4	49.1	70.7	= Pr x r x h V = volume in litres		
otal Wel		(-) V _m (-) _		Water Co	(=) Wate _m (=) plumn - 4 [n				s per 1 Well 8 - 644 rified with B	V	P = 3.14159 r = radius in cm h = height of water column in cm		
- m.c.''s	1105	1000		11 12		Water Qu	ality Para	meters	119				
Beginning	g purge tin	ne: 12 :	30	T	Ending purg		12:55	0.0000000000000000000000000000000000000	Pump	Pump Intake Depth (mbtoc):			
Litres	Time	100		Temp ∘C	Cond mS/cm	DO mg/L	Redox mV	Drawdow <10cm		omments	77.00		
15	12-30							0 20000000	bypun-	black , V	turbid- no oday. huged		
20	12.4								brauen	v. turbi	ch. No polar , Purged on		
24	12.4								prown,	V-typid	c): No odore furged on No odore huged of at		
27	12.5								brown.	Y fivby	1. No adar hand dry		
7													
		*pH, temp	o, cond rea	adings not	necessary if w	ell is purged	_{dry} Exan	nple Comm			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
		Total Well Actual amo	ount of wa		sampling	o Principal de la companya de la co	X-37-37-40	e time			ainers used		
_		mL/minut	e		Dic	d field parar	neters stabi	lise? Y	N (NA)	Was the	well dry purged? (Y) N		
						Field	QC Chec	ks					
Was pre-	cleaned sa	mpling e	quipmer	nt used fo	r these samp	les?		Y N					
Was pre-	cleaning s	ampling e	equipme	nt proper	ly protected fi	rom contam	ination?	YN	_				
Was docu	umentation	of equip	ment co	nducted?				YNN	IA				
Were air I	bubbles pr	esent in v	vials at t	ime of co	llection?			Y N N	IA				
Was sam	ple for me	tals field f	filtered p	rior to pr	eservations?			YNN	IA				
Duplicate	sample co	ollected?						YN	Duplic	ate sample	e ID		
Rinsate b	lank collec	cted?						YN	Rinsate blank ID				



						Job II	nformatio	n					
Date: 2	5/11/13						Time:	arri	/e 10-	15		depart	
Project Na	ame: P	oxet :	Symphe	ony			Projec	t Numb	er: 02	241	78		
Site Locat	ion: Lic	dell	UT	1			Samp	ler: /	J.H				
Well ID: /	LI-Mh	103					Weath	er:	The				
		13.74				Eq	uipment						
Water qua	ılity equipm	ent descri	ption:	NA			Inte	erface p	robe nui	mber:	SMD	3954	
Purging ed		Baile	er type:	Plas	stic	Teflon							
(please cir	rice)	Pum	p type:	Peri	staltic	Subme	ersible	Micro	-purge	1	Amazon	Other:	
		5875		W	ell Gaugi	ng and Pu	urge Volu	me Ca	lculation	ons			
Casing Dia	ameter		25mm	50mm	100mm	125mm	150mm	200m	m 250)mm	300mm	Volume of water in well / V	
Conversion			0.49	49	.1	70.7	= Pr x r x h V = volume in litres						
Total Well Depth (-) Water level (=) Water Column $m = \frac{\lambda^2 \sqrt{35}}{m}$ (=) Water Column $m = \frac{\lambda^2 \sqrt{35}}{m}$ (=) Water Column $m = \frac{\lambda^2 \sqrt{35}}{m}$ (=) Water Column in cm													
(x) Conversion Factor (=) Litres per 1 Well Volume													
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 2.315 m(x).96.44.537 L													
Depth to p	Depth to product: m Product Thickness: m Verified with Bailer: Y N												
					٧	Vater Qua	lity Parar	neters	10				
Beginning	purge time	10:2	5	End	ding purge	time: 10	:55		Р	ump I	ntake Dept	th (mbtoc):	
Litres	Time	PH	Temp		Cond nS/cm	DO mg/L	Redox mV	Drawd		1			
5	10:28				10/0111	mg/L	•	1000		Mon	1 tuloi	defured by after St.	
8	10:35								5/0	an	turbid	Purped dry aft 3L.	
1611	10.45								97/1	-	another	-0' 0 411	
14	10:55								Pu	reed	grother	31. Dry Rechargings	
										0		3 03	
7													
							120	3 (2)		16.1 10	- W-2 - F	K W. 1984 P 1 2960 K P	
	*#	H, temp, co	ond reading:	not nece	essary if well	is purged dr	Exam	ple Cor				udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth	
14		tal Well V	olume t of water pr	ior to sam	nplina		Sample	time .	_		_ Conta	iners used	
	FI	ow rate _/minute			C3 - 20204	ield parame	eters stabili	se?	N	VA	Was the	well dry purged? N	
			T 1 78	710		Field (QC Check	··	5-712				
Was pro-ol	leaned sam	nlina equi	nment use	d for the	se sample		NEW CHIEF CONTROL	Y N	1 100	CHETT			
						m contamin		YN	1				
	mentation o		DO 00		olddidd II Ol	oomaniii	-	YN	NA				
					on?		H	Y N	NA			9	
)	Were air bubbles present in vials at time of collection? Y N NA Was sample for metals field filtered prior to preservations? Y N NA												
	sample coll			and the second s			-	YN		Duplica	ate sample	ID	
							-		1]				

Groundwater - well sampling data form.odr

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						JOD II	ntormatic	n					
Date:)	5/u/1	3					Time:	arrive	13-3		depart 12:14:00		
Project N	Name:	roject, ?	Sympho	ny			Projec	t Number:	02241	98	76		
Site Loca		dell	0	-			Sampl		H	10			
Well ID:	LI-M	1W04					Weath	er: Fin	e bei	oming	arwast		
						Eq	uipment			0			
Water qu	ality equi	pment descr	iption:				Inte	erface prol	be number:				
Purging ((please o	equipmen cirlce)		er type: ip type:	Plast Peris	ic taltic	Teflon Subme	ersible	Micro-p	urge .	Amazon	Other:		
				We	II Gaugir	ng and Pu	urge Volu	me Calc	ulations				
Casing D	Diameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversi	ion Factor		0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
The second second	1964 C	(-) Wa _ m (-)	ter level	(=) Water (Column	ok-			J.	P = 3.14159 r = radius in cm		
2.	185	_ m (-)	5- /50 Wate	m (i r Column	=) <u> </u>	() Convers	m sion Factor	(=) Litres	s per 1 Well	l Volume	h = height of water column in cm		
			00	2.235	m (:	κ) <u></u> - '	96	(=) 4	s per 1 Well				
Depth to	product: .	_	_m	Produ	uct Thickn	ess:	m	Vei	rified with B	ailer: Y	N		
			7 10		W	ater Qua	lity Parar	neters					
Beginnin	Beginning purge time: 13:35 Ending purge time: 13:50 Pump Intake Depth (mbtoc):												
Litres	Time		Temp		ond S/cm	DO mg/L	Redox mV	Drawdown <10cm	-	omments			
5	13:40	2		5,840			1990900	CMPOOREWAS	brance	tylogo	A forged dry after St.		
10	13;40								brown	tubid	No adour lyreed dry		
12	13-50								brown,	typid	No odow. Purged dry aft		
	1324	-							grana	ac. s	How recoverye.		
)													
										50 527 ×375 - 50			
		*pH, temp, c	ond readings	not neces	sary if well	is purged dry	Exam	ple Comm			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
81	- 1	Total Well \		or to samr	alina		Sample	time		_ Conta	ainers used		
_	76 a	Flow rate mL/minute	it of water pri	or to samp		eld parame	eters stabili	se? Y	N (NA)	Was the	well dry purged? N		
		merminate									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Me		- un a Plane		4.4		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QC Check						
		ampling equ			•		-	YN					
2.30	2000	sampling equ		300	tected fron	n contamin	-	YN	$\overline{}$				
20 0 10		n of equipme			2		-	N	A				
	TO 100-1	resent in via		A									
	sample o	etals field filte	sieu prior to	preserva	auons?	-	AC. 480, 68		ata samela	ND			
	sample o						-	YN	2	ate sample e blank ID			
Minage D	nank colle	oleu!					1.2	IN	Killsal	o Dialik ID			



LIZIVI										
W	leu I	Develop	ment		Job I	nformation				
Date:	26/11/13	•				Time:	arriv	e 07:5	5	depart 09:10
Project N	lame: Pro	rect S	mphany			Proje	ct Numbe	er: 0224	98	*
Site Loca		lell ") 1 /			Samp		I.H		
Well ID:	LI_MW	05				Weat	her: 01	reveast in	AM, b	recoming fine.
					Ec	uipment				al .
Water qu	ality equipme	ent descripti	ion: N	A		Int	erface p	robe number	: S4T	3954
Purging 6 (please c	equipment: cirlce)	Bailer 1	Paragram.	Plastic Peristaltic	Teflor	nersible	Micro	-purge	Amazon	Other:
		rump	туре.							
				A	iging and P	1	1		200	Maliana of makes in mall (M
Casing D				0mm 100r	TOTAL TOTAL STATE	- 3000000000	District and		300mm	Volume of water in well / V
(volume in fa		0.0000000000000000000000000000000000000		1.96 7.8	A-025	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159
Total Wel	II Depth	(-) Water	710	(=) Wat	2.255	_ m			5	r = radius in cm h = height of water column in cm
	n n	.,	Water C	olumn	(x) Conver	sion Facto	r (=) Lit	res per 1 We	II Volume	
			- X			5	G . 10 (52) (54)		Y	N
Depth to	product:		m	Product Thi	ckness:	<u>m</u>	3	Verified with E	Baller:	
					Water Qua	ality Para	meters			
Beginnin	g purge time	08-2	0	Ending pur	ge time:	09:00	2	Pump	Intake Dep	oth (mbtoc):
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox	Drawdo	1.7 A. C. C.	Comments	
5	200-21			morem	_ mg/L	MILE.	1,00	prown,	hybid.	Purged dry after SL. No ad
8	08-22							premu	nd to 1	Russed dry after SL. No ad rectarge. Russed dry after another 3L. N charge:
P. 100	08:30							Allow	turbed	Purged dry after another 36
11	09:45							Drawn	turbial	lurged dry after another 31.
1-7	07/00							to n	chorge	, ,
				+						
			-					_		
	**	H, temp, con	nd readings no	ot necessary if	well is purged o	fry Exam	nple Con			oudy / turbid / very turbid / no odour / lour / strong odour / drawdown depth
14	Тс	tal Well Vo	lume			0	le time			tainers used
19		tual amount o	of water prior	to sampling		Samp				
		L/minute		D	id field paran	neters stab	lise? Y	N NA) Was th	e well dry purged?
					Field	QC Chec	ks	11-11-1-11-11		
Was pre-	-cleaned sam	npling equip	ment used	for these sam	ples?		Y N			7.1
					from contam	ination?	Y N			
	cumentation of			(E)			Y N	NA		
	bubbles pre						Y N	NA		
	nple for meta				?		Y N	NA		
DECK DEC 16	e sample coll	1					Y N	Dupli	icate samp	le ID
The Control of the Co	blask sallast					1	Y N	1	ate blank If	



EKIVI												
					Job I	nformatio	on					
Date:	27/11/1.	3				Time:	arri	ve	13:30	0	depart	
Project Na	ame: Pr	oject S	impho	Ny		Projec	ct Numb	er: (224	498		
Site Locat	_	1 Lidde	u)		Samp	ler:	N.H				
Well ID:	UDA	LI_MWI	06			Weath	ner:	in				
	9 10 10 10		RES - 60		Eq	uipment				4,61		
Water qua	ality equipm	ent descripti	on: N	A			erface p	orobe n	umber:	SUD	3954	
Purging e	quipment:	Bailer t	type:	Plastic	Teflon							
(please cir		Pump t	type:	Peristaltic	Subm	ersible	Micro	-purge		Amazon	Other:	
270	0.000			Well Gar	iging and Pi	urge Volu	ıma C	doulat	ione			
Casing Dia	ameter		25mm 50	mm 100r	O-LOW-PRODUCTOR	150mm	200m	MA STATE OF THE ST	50mm	300mm	Volume of water in well / V	
Conversio				.96) 7.8		17.7	31.4		9.1	70.7	= Prxrxh V = volume in litres	
(volume in fac	part Assessment	(-) Water				11.1	01.4		0.1	70.7	P = 3.14159	
otal Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
Depth to p	product:			Froduct Trie	CKIIC33.	'''		vermee	with D	alici.		
					Water Qua	lity Parai	meters					
Beginning	purge time	i:		Ending pur	ge time:			_	Pump I	ntake Dep	th (mbtoc):	
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawd <100	m		omments		
20	12:50					Annaton .		t	moven	, v. tubi	A. No adow. Factively pumping add. No adour. Actively pumping.	
40	12:55							W.	myun (V, turk	ald. No odour Actively	
50	13:05							Ė	nown	tubja	No adour Rechanging as	
60	13:10								brown	v turb	d. Ng polar - Rivered dry	
.70	13:15			p ;				į	nown	v.twbio	1. lunged dry after another 181	
	10.10								No od	out		
)												
	*/	oH, temp, cond	d readings not	necessary if	well is purged dr	Exam	ple Cor	nments			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth	
70		otal Well Vol		n sampling		Sample	e time	-		_ Conta	ainers used	
	FI	ow rate L/minute	water prior to	3 8	id field parame	eters stabil	ise?	/ N	MA	Was the	well dry purged? N	
					Field (QC Checl	ks					
Was pre-c	leaned san	npling equipr	ment used for	or these sam	MERCEN		Y N		-3			
					from contamir	nation?	YN	1				
	the San territoria. It she	of equipment					YN	NA				
		sent in vials				12	YN	NA				
)	10 12 12 12 12	ls field filtere			?		Y N	NA				
	sample coll			ures como o modelli i i il il		7	YN	1000	Duplic	ate sample	e ID	
#1 W	ank collecte					10	Y N	1		e blank ID		

Groundwater - well sampling data form.cdr



LICIVI												
					Job I	Information	on					
Date: 2	7/11/13)				Time:	arr	ive	13:5	0	depart	
Project Na	ame: V	oject :	Symph	iony		Proje	ct Num	ber: (0224	-198		
Site Local	tion: Li	ddell	0 1			Samp	ler:	J.H				
Well ID:	& LT-	MWOT	L			Weatl	her: F	ire	*			
					Ec	uipment			777			
Water qua	ality equipr	nent descri	ption: N	/A		Int	erface	probe	number:	SYD &	m 3954	
Puraina e	quipment:	Baile	er type:	Plastic	Teflor							
(please ci			p type:	Peristaltic		ersible	Micr	o-pur	ae /	Amazon	Other:	
									77			
Casing Di	amotor		25mm	50mm 100	uging and P	0.000	200r	-	250mm	300mm	Volume of water in well / V	
Conversion	MILE STATE		0.49	1.96 7.8	mental Cerestations	17.7	31.4	10000	49.1	70.7	= Prxrxh V = volume in litres	
tal Well Depth (-) Water level (=) Water Column P = 3.14159 r = radius in cm												
r = radius in cm 1												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
20 100 0												
Depth to p	oroduct:		_ m	Product III	ckness:			veriii	ea with b	aller		
					Water Qua	ality Para	meter	s				
Beginning	purge tim	e: 14:00		Ending pu	rge time:		_		Pump I	ntake Dep	th (mbtoc):	
Litres	Time	PH	Temp º	C Cond mS/cm	DO mg/L	Redox mV	Drawd		С	omments	. 0	
14:0016	14:05			100000000000000000000000000000000000000		5700000			brown	M-tur	bid No oday. Parged 12L. Alburd to rechan	
18	14:10								brown,	v. turbio	No odour Purged dry	
20	14:15								prouvo	turbid	No odour lurged dry	
	17.								afia	41101100	AZ. 31000 10 1000 0	
)												
		pH, temp, co	ond readings n	not necessary if	well is purged d	ry Exam	ple Co	mmer	nts: clear / slight	slightly clo	udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth	
		otal Well V				Sample	e time			Conta	iners used	
		low rate	t of water prior	# E			Г	otor Press	1 1/3	5200		
	n	nL/minute			id field param	eters stabi	lise?	Y N	N MA	Was the	well dry purged? N	
12T 7					Field	QC Chec	ks					
Was pre-c	leaned sai	mpling equi	ipment used	for these sam	ples?		Y N					
Was pre-c	leaning sa	mpling equ	ipment prop	erly protected	from contami	nation?	Y N				9	
Was docu	mentation	of equipme	ent conducted	d?			Y N	NA				
Were air b	oubbles pre	esent in vial	Is at time of	collection?			Y N	NA				
Was samp	ole for meta	als field filte	ered prior to p	preservations	?		Y N	NA				
Duplicate	sample co	llected?					Y N		Duplic	ate sample	:ID	
Dincoto bl	onk collect	2042					V N	3	Dincat	o blank ID		



Date:	17	7-12-	2013			50011	Time:	Second Second Second	con	9 1510	depart		
Project N	ame:	Symp	hone				Projec	t Number:					
Site Loca	tion:	Lidd	P/1 J				Samp	ler: 5	am	Camp	bell .		
Well ID:	TI	MWDS	3				Weath	ier: /	Fine	+	Sunny		
Mer at	Serve Lov	17.10		0.00000	JUNEAU VI	Ea	uinmont			S A S			
Water ou	ality equir	ment desc	rintion:	1 B B 7 B		Eq	uipment	erface pro	be number:	Galia	ct \$5/91		
24000 10000 1000 1000 1000 1000 1000 100						20		oridoc pro	oc namber.	701/19	53/7/		
Purging e (please c			ler type: np type:	Plast Peris	taltic	Teflon	ersible	Micro-p	urge	Amazon	Other:		
				We	II Gaugir	ng and Pu	urge Volu	me Calc	ulations				
Casing D	iameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversion	on Factor	2	0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Pr x r x h V = volume in litres		
Total Wel	I Depth	(-) W	ater level	(=) Water	Column					P = 3.14159 r = radius in cm		
0.0	21	_m (-) <u></u>		m (=)	x) Convers	m sion Factor	(=) Litre	s per 1 Wel	I Volume	h = height of water column in cm		
					m (x)	96	(=)	24	L			
Depth to	product: _	_	_ m	Prod	uct Thickn	ess:	m	Ve	rified with E	Bailer: Y	(N)		
I STATE	STATISTICS.	al pipity/				later Qua	10-10-11-	notoro	L. Stant st	7/41 - 40X			
Beginning	purge tir	ne: 15 1	7	Endi	ng purge t	Section of the section of	iity Faraf	neters	Pump	Intake Der	oth (mbtoc):		
Litres	Time	1	. I		ond	DO	Redox	The state of the s					
Littes	Time		Telli		S/cm	mg/L	mV	<10cm		Jonninents	1		
							51	The both	in tight	brown	Item noodows, trusid		
		т:						/		elldn			
									Bec	in Ji	recharge (15 30)		
									ine	11 day -	-10 L, west 10 mintes		
									Be	gh 1	recharge (1542)		
										Ildn	~101		
									Total	1 volve	ne project = -10L		
	/								Pos	41	ging gauging		
/									Wa	ter lei	rel=5.650		
/									WE	11 dell	H=6.030		
		*pH, temp,	cond reading	s not neces	sary if well	is purged dr	Exam	ple Comm			oudy / turbid / very turbid / no odour /		
-		Total Well	Volume				1224 07	lyev	Silgiti	20728 80			
	~	Actual amou	int of water p	rior to samp	ling		Sample	time		_ Conta	ainers used		
_		Flow rate mL/minute			Did fi	eld parame	eters stabili	se? Y	N NA	Was the	e well dry purged?		
Land 14		all) in cont		o Rivers		Field (QC Check	(S	o de la composición dela composición de la composición dela composición de la compos		是被称为"是"的"一个"。 第一章		
Was pre-c	leaned sa	ampling eg	uipment us	ed for thes	e samples			YN		NES ZECH			
						n contamin		YN					
A 100 March 1981			ent conduc			**************************************	YNN	A					
			als at time		n?			YNN					
			tered prior				-		A				
			tered prior	to preserva	10110		-		_	ata camel	o ID		
Duplicate	ank collec							YN	200	ate sample te blank ID			



			in the same	rely is v	Job I	nformatio	n		4			
Date:	16/12	1/201	3			Time:	arrive	agan	1715	depart 1900		
Project N	ame: S	ymphe	my			Projec	t Number:	022	4/9	8		
Site Loca	tion:	iddel	1			Samp	ler: Sa	n	Camp	bell		
Well ID:	LI-	MWOO	7		A ^{rr}	Weath	ier: /=	he /su	nny	luindy		
					Eq	uipment						
Water qua	ality equipn	nent descrip	tion:		The Control	NA CONTRACTOR	erface prob	e number:	122	009747-1		
Purging e (please ci	quipment: irlce)	Bailer Pump		Plastic Peristaltic	Teflon	ersible	Micro-pu	rge	Amazon	Other:		
				Well Gau	ging and Pr	urge Volu	me Calcu	lations				
Casing Di		2	25mm 50	mm 100n	nm 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversion (volume in fa			0.49	.96 7.8	5 12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159		
				5-3 r	(x) Convers	sion Factor 96		1	V	r = radius in cm h = height of water column in cm		
Depth to	Depth to product: m Product hickness: m Verified with Bailer: Y N											
					Water Qua	lity Parar	neters					
Beginning	purge time	e: 0520	>	Ending purg	ge time:			Pump	Intake Dep	oth (mbtoc):		
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments			
						/		1000	dour	brown, tursid,		
								Dry	after	201 removed (1730)		
								Wa	it 10) minutes		
								Begu	no	harge \$740		
							1	L	vell.	dry.		
								Total	volu	me = ~20L		
)								4	1 . ^			
			-					Lang	ing ar	ter pugits:		
									-L-all	- 0 My , t. 10 (1)		
	<u> </u>	pH, temp, cor	nd readings not	necessary if w	vell is purged dr	Exam	ple Comme	nts: clear	slightly clo	oudy / turbid / very turbid / no odour /		
_	- Т	otal Well Vo	lume			Sample	/ time	slight		our / strong odour / drawdown depth		
-	-	ctual amount	of water prior to	0 5		1		. []		/ / -		
	, m	L/minute		Die	d field parame	eters stabili	se? Y	NA NA	Was the	e well dry purged? Y N		
					Field (QC Check	s					
Was pre-c	leaned sar	npling equip	ment used for	r these samp	les?		YN			400		
Was pre-c	leaning sa	mpling equip	ment properly	y protected f	rom contamin	ation?	YN					
Was docu	mentation (of equipmen	t conducted?			12	Y N NA					
Were air b	ubbles pre	sent in vials	at time of col	lection?		19	Y N NA					
Was samp	ole for meta	als field filter	ed prior to pre	servations?			N NA	1				
Duplicate	sample col	lected?					Y N	Duplic	ate sample	e ID		
Rinsate bl	ank collect	ed?				0.0	YN	Rinsat	e blank ID			



We	ell Den	elof	med		Job	Informati	on		les d'anna				
Date: 12		·				Time			. AM.	depart 9:10m .			
Project N	lame: Ś५०∕	BHORGE	1	~	~~~~	Proje	ct Numb	er: 62	24198				
	ation: Lugge						oler:						
Well ID:	W-Mu	701				Weat	her: +	hot s	t clear	2 .			
					E	quipment							
Water qu	ality equipmer	nt descript	ion:			In	terface p	orobe nur	nber:	uh iP \$4261 30~			
Purging e (please c	equipment: iirlce)	Bailer Pump		Plastic Peristaltic	Teflo Subn	nersible	> _{Micro}	o-purge	Amazon	Other:			
				Well Gau	ging and F	Purge Volu	ume Ca	lculatio	ons				
Casing D	iameter		25 mm $\sqrt{50}$	mm 100n	nm 125mn	n 150mm	200m	ım 250	mm 300mm	Volume of water in well / V			
Conversion (volume in fa	on Factor actor L/m)		0.49 1	.96 7.8	5 12.3	17.7	31.4	49.	1 70.7	V = volume in litres P = 3.14159			
Total Wel	93 - m	(-) Wate (-)	135 Water Co 3.	_m (=) <u>\$</u> olumn \$6.	(x) Conve m (x)	76	(=)	1.56	Well Volume	r = radius in cm h = height of water column in cm			
Depth to	product:		m	Product This	ckness:	m		Verified v	vith Bailer:				
					Water Qu	ality Para	meters						
Beginning	g purge time:			Ending pur	ge time:			Р	ump Intake Dep	oth (mbtoc):			
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawd <100		Comments				
811	8.05A	m 4					-	> 3	the Dun	Dind-noll was			
					100			~\c	stated	Hovelhore section			
				PEM	0000				he py	I at the botton			
			100					th	a well	, v			
	1	wel						w w	ochar				
	7 `							V	ap lade	whorse,			
		N	4										
						-							
·													
	*pH	, temp, con	d readings not	necessary if v	vell is purged o	iry Exam	ple Cor			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
		al Well Vo	lume of water prior to	sampling		Sampl	e time .		Conta	ainers used			
		w rate minute		Di	d field param	neters stabi	lise2	HN	Mas the	e well dry purged?			
					Field	QC Chec	ks						
Was pre-	cleaned samp	lina eauini	ment used fo	r these sam	Nisse Carl Greek		Y N	\$63,000,000 p.o.					
·	cleaning samp			·		ination?	Y N	-					
•	mentation of			, protoctou i			YN	NA	The second secon				
	bubbles prese	• •		lection?			Y N	NA NA		namental and and an analysis of the state of			
	ple for metals						YN	NA NA	and the second control of the second control				
	sample collec		su prior to pre	SOLVAIII 115 !		-		 	unlicate compl	o ID			
	sample collected					-	YN	-	ouplicate sample				



	2 121.3												
Date:	1 , ,		N. A										
The state of the state of		MULLAN						022	4198	S			
Site Locat		HE SECRETARY	レートン			-	ler: TH						
Well ID:	7-	MWOZ	e e e e e e e e e e e e e e e e e e e			Weatl	ner: HIC	T, CLC	DUDY.	VERY STRONG WINDS			
					Eq	quipment							
Water qua	ality equip	ment descrip	tion:							ech 1P#1261 30m			
Purging ed (please cir			AU R IKOUWA /	Plastic Peristaltic	Teflor	nersible	Micro-p		Amazon	direct on the ovintion of the			
the side				Well Gaug	ging and P	urge Volu	ıme Calc	ulations	ania.				
Casing Dia	ameter		25mm 50	mm 100m	m 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversio			0.49 1.	96 7.85	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres			
Total Well	Depth	(-) Wate	er level	(=) Wate	**			P = 3.14159 r = radius in cm					
4.50	m (-) 1999 m (=) 2 - 308 m h = height of water column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
	2.308 m(x) 1.96 (=) 4.52 L												
Depth to p	Depth to product: m Product Thickness: m Verified with Bailer: Y												
	Water Quality Parameters												
Beginning	purge tin	ne:		Ending purg	and the second of the second		- Anna Anna Anna Anna Anna Anna Anna Ann	Pump	Intake Dep	th (mbtoc):			
Litres	Time	РН	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments	. 1			
7	4.10)		morem	mg/L	anv	Toom	da, de brown fubio.					
7	4.15	3 1		-				4-1	oode				
1	4-201							Acri	mas	v			
0.5	4:30P	700						hane					
0.25	4:30						_	Ac a	As a har				
21	, ,			-10	,		E()	1.5	0 -00				
)	()	0241	N in	DEC	MAGE	VE KIS							
		<1	01200	* 0	Sing	280							
		3,		bury	1								
		*pH, temp, cor	nd readings not	necessary if w	ell is purged di	ry Exam	ple Comm			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
		Total Well Vo		22220		Sample	e time		Conta	niners used			
		Actual amount	of water prior to		22.30	257400000000	2 200	NI NI					
	l r	nL/minute		Dic	d field param	eters stabil	ise?	N NA	Was the	well dry purged? Y N			
			TELL :		Field	QC Checl	(S	PIPE					
Was pre-cl	leaned sa	mpling equip	ment used for	these samp	les?		YN			<u> </u>			
Was pre-cl	eaning sa	ampling equip	ment properly	y protected fr	om contamir	nation?	YN						
Was docum	Vas documentation of equipment conducted?												
Were air bu	ubbles pr	esent in vials	at time of coll	lection?			Y N N	A		5			
Was sampl	Vas sample for metals field filtered prior to preservations? Y N NA												
Duplicate s	sample co	Hected?					YN	Duplica	ate sample	ID			
Rinsate bla	ank collec	ted?					YN	Rinsat	e blank ID				



WELLD	SVELD	PME. T			Job I	nformatio	n						
Date: 5 12	- 13					Time:	arriv	e 2:1	000	depart 3:15pm			
Project Name:	SYMPEC	24				Projec	t Numb	er: 02	241818				
Site Location: 4	DOELL	bel				Samp	ler: T	77	2 0 000				
Well ID: L.	- MWOY					Weath	er: \i	or, as	484 7	- very windy.			
					Eq	uipment	TO SE						
Water quality equ	ipment descr	iption:	_		-	Inte	erface p	robe numbe	r acot	wh IP 4261 30m			
Purging equipme (please cirlce)		er type: np type:	Plastic Peristalt	ic (Teflon	ersible	Micro	-purge	Amazon	Other:			
			Well G	auging	and P	urge Volu	me Ca	lculations					
Casing Diameter		25mm	50mm 1	00mm	125mm	150mm	200m	m 250mm	300mm	Volume of water in well / V			
Conversion Factor (volume in factor L/m)	or	0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159			
Total Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume m (x) $\frac{190.}{190.}$ (=) $\frac{13.4159}{190.}$													
Depth to product: m Product Thickness: m Verified with Bailer: Y N													
				Wa	ter Qua	lity Parar	neters						
Beginning purge t	time:		Ending p	ourge tir	ne:	ya - 11. Sa da - 11. 11. 12. 12. 12. 12. 12. 12. 12. 12.		Pump Intake Depth (mbtoc):					
Litres Tim	e PH	Temp º	C Cond		DO ng/L	Redox mV		Drawdown Comments -					
100 200	-237		_	_				Papro	eur ine	with purposed.			
						_				aler during			
					LOFT			ane	172 1	ory test.			
				JE		-		1000	80-11				
			0	V	N			£-1		ater-leaning-he			
			9 (3) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		dr.			Chris	1	educed.			
40L 3:19	0	. DE	7	1	D		C	cles	- on h	tial Ausin: Han			
	18	1	ry C	0	700	~2	N.	Soff	Jon.	the willanded in			
F.	U	_	7 0 2	00	2	XXX		שבווע	brew	situbility when			
		-		ON	3	,	V	a mila	N				
	*pH, temp, c	ond readings n	ot necessary	if well is	purged dr	Exam	ple Com			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
	Total Well \ Actual amoun	/olume it of water prior	to sampling			Sample	time _	_	Cont	ainers used			
	Flow rate mL/minute			Did fiel	d parame	eters stabili	se?	N NA	- Was the	e well dry purged?			
					Field (QC Check	(S						
Was pre-cleaned	sampling equ	ipment used	for these sa	amples?	02		YN						
Was pre-cleaning	sampling equ	ipment prope	erly protecte	ed from	contamin	nation?	YN	-		and the same of th			
Was documentation	on of equipme	ent conducted	1?				YN	NA					
Were air bubbles	present in via	Is at time of c	collection?				YN	NA					
Was sample for m	etals field filte	ered prior to p	oreservation	ns?			YN	NA					
Duplicate sample	collected?						YN	Dupl	icate sampl	e ID			
Rinsate blank coll	ected?					,	YN	Rins	ate blank ID				



1	NEY	DEJE	LOPI	MEN	A.	Job	Informati	on				
Date: U		3	,				Time	ar	rive	2:3	MAC	depart 4:45pm.
Project Na	ame: SYM	PHON	1				Proje	ct Num	nber:	0224	198	
Site Local	tion:LIDD	ELL-	- LL				Samp	oler: /	H			
Well ID:	LL_P	世	NOWN		5B0	0)	Weat	her: }	lor	TOUE	RCAS	T+WINDY (ATTIMES)
						E	quipment	No.				
Water qua	ality equipme	nt descrip	tion:				In	erface	probe	e number:	acel	ech 1P \$ 4261 30
Purging e (please ci	quipment: rlce)		type:	Pla	stic istaltic	Teflo	nersible	Mic	ro-pu	rge .	Amazon	Other:
		110		W	ell Gau	ging and I	Purge Volu	ıme C	alcu	lations		
Casing Di	ameter		25mm	50mm	100m	m 125mr	n 150mm	200	mm	250mm	300mm	Volume of water in well / V
Conversio			0.49	1.96	7.85	5 12.3	17.7	31.	4	49.1	70.7	= Prxrxh V = volume in litres
Total Well	Depth	(-) Wate	. 55 \ Wate	er Colum	n	er Column 7.63 (x) Conye	_ m ersion Facto	r (=) l	itres	per 1 Well	Volume	P = 3.14159 r = radius in cm h = height of water column in cm
				7.63	r	n (x)	90	(=) _	10	.95	. <u>L</u>	
Depth to p	product:		m	Pro	duct Thic	kness:	m		Verif	fied with B	ailor: Y	N.
					120	Water Qu	ality Para	meter	s			
Beginning	purge time:			En	ding purg	e time:				Pump	Intake Dep	oth (mbtoc):
Litres	Time	PH	Temp		Cond nS/cm	DO mg/L	Redox mV		down)cm	Cak	omments	totadaly, cloom
24	3:45	_		-						act	Frial	s, no odan, allo
1,	251							<u></u>		fore	cha	Je . 11
61	3.55									Asa	bone	(Rup sitting on
10				_						poffs	mot	nell)
10	4:07			_						As o	noch	e holita ula a site
456	4:15.		-							samps	2 Dylu	oday Epipa Padfor
2 (1	1 - 4		-			7				4	e((.)	•
2.20	4:20.		-	200	NO P	300				Asa	bare	•
4	4:25-		155	ON S	DENE			_		AS AL	one	
LL	4.20	11.1	0	حر	V		l .			ASH	لحصو	in the state of th
OL-				s not nece	essary if w	ell is purged o	dry Exam	iple Co	mme			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
60	vomator	al Well Vo	olume	ior to san	nnlina		Sampl	e time	_		_ Conta	ainers used
6)00	Flo	w rate	or water pr	ioi to saii		d field paran			¥. 1	V NA	Was the	e well dry purged? Y N
	TIIL	/minute	(Carrena						VIII CHE VI	(2002mn) 2=		
						THE PERSON NAMED IN STREET	QC Chec	T				从"成"坐领的是 "不行的
	leaned samp							YN				
	leaning samp		å		otected f	rom contam	ination?	YN		7		
	mentation of							YN				
	ubbles prese							YK	-			
	le for metals		ed prior to	o preser	vations?			YA		J		
	sample colle							YN	7		ate sample	
Rinsate bla	ank collected	?						YN		Rinsat	e blank ID	· · · · · · · · · · · · · · · · · · ·



			19 79 17 17								and a second
	1 1			(Webs		Job In	formatio	SECTION 1			
	12/13	i .					Time:		0909		depart 0930
Project Nam	ne: Sun	show	1				Projec	t Numbe	:0224	198	
Site Locatio	n: Zial	dell	'				Sampl	er: Sea	in fen	29	
Well ID: L	LMU	NOS					Weath	er: O _V	ercast		
17.15° 17.15° 17.						Equ	uipment				
Water qualit	y equipmer	nt descript	tion: 90f	ZMV			Inte	erface pro	be number:	Geofaca	Interface Meter
Purging equ		Bailer	type:	Plast	ic	Teflon			ī	3an	
(please cirlc	e)	Pump	type:	Peris	taltic	Subme	rsible	Micro-	ourge	Amazon	Other:
到最基础的			Carrier 1	Wel	I Gaugin	g and Pu	ırge Volu	me Cald	culations		
Casing Dian	neter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in factor			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres
Total Well D	enth	(-) Wate	r level	(=	e) Water C	column					P = 3.14159 r = radius in cm
19316	m	(-) <u>15</u>			=)	\ C=====	m :	/_\	es per 1 Well	1 \ / - 1 \ \	h = height of water column in cm
				r Column					s per i vvei		
Depth to pro	oduct:	_	m.						erified with B	V	N
- ори, ко р.с	The said later with		a three life and	el Carrier			en Albert Water St.				and the second s
		0010			C ROLL PAREN	ater Qual	ity Parar	neters			
Beginning po	T		T		ng purge tii					0019-101-001-001-00-00-00-00-00-00-00-00-00-	th (mbtoc):
Litres	Time	PH	Temp		ond S/cm i	DO mg/L	Redox mV	Value of the contract of the c	All the second s	omments	
25, V/016	ole to	pulas	we	1 to of	00 0	leap					112
		10				1					
				_							
											Λ
	*pH,	temp, con	d readings	not necess	sary if well is	purged dry	Exam	ole Comn			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
	Tota	I Well Vo	lume				0 1	N. 0000	siigiit		
		al amount o v rate	of water prid	or to sampl	ing		Sample	time _		Conta	iners used
		minute			Did fie	ld parame	ters stabili	se? Y	N NA	Was the	well dry purged? Y N
						Field Q	C Check	s			
Was pre-clea	aned sampl	ing equipr	ment used	d for these	e samples?	?		Y N			
Was pre-clea	aning samp	ling equip	ment prop	perly prote	ected from	contamina	ation?	N			
Was docume	entation of e	equipment	t conducte	ed?			,	NN	VA Fing	water	level:
Were air bub					1?		,	/ N 1	NA		
Was sample	for metals	field filtere	ed prior to	preserva	tions?		,	/ N 1	NA		
Duplicate sar	mple collec	ted?					,	N	 Duplic	ate sample	ID
Rinsate blank	k collected	?					,	/ N	Rinsat	e blank ID	ş <u>——</u>



Religion and the	1.10 0	111	1000		leb l	-form -1'			57 570 5	
- 11		KUELOR	WELL.		Job II	nformatio	10000	11.20		
Date: 12		31 - S				Time:		11:30		depart
	ame: Syl		A. B.					02241	48	
Site Loca	tion: LIV					100000000000000000000000000000000000000	ler: M	- (
Well ID:	LL-M	1402	/SR	505/		Weath	ner: HST	fa	DOWN.	
					Equ	uipment				
Water qua	ality equipm	ent descrip	tion:		111111111111111111111111111111111111111	Int	erface pro	be number:	Coole	In 18ther261 Bon
Purging e (please ci	equipment: irlce)	Bailer		Plastic Peristaltic	Teflon	1	Micro-p	urge .	Amazon	Other:
			/	Well Gaugi	ng and Pu	ırge Volu	me Calc	ulations		
Casing D	iameter		25mm 50	mm 100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fa			0.49 1.	96 7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres
Total Well	I Depth	(-) Wate	er level	(=) Water	Çolumn		1			P = 3.14159 r = radius in cm
	product:	m (-) <u>4</u>	Water Co	(=) Water m (=) lumn (m Product Thickr	(x) Convers		100	s per 1 Well	T v	h = height of water column in cm
ENJEREN WIR	ME WEST	S. M. J. G. S. S. S.	1036-11-510-5		Votor Oue	lite Dave				WALL BUYERS AND WEST SHEWING
Particular.				The second second	Vater Qua	iity Parai	neters	Duma	Intolia Day	th (mhtan)
E. N	purge time		1	Ending purge			w 20 1	37.0	on the section of	oth (mbtoc):
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	<10cm		omments	fred that wale
3.5 Bai	le vol	com	12:15-	~-				When	ell work	s highly fubid as
								Probe	from.	rained to beef atte
								tauch	No.	swh.
			10		das	elas.	~			
C	(1	11.0	0					
,	neld	rg &	ery	little	1	0	mai	ع د	de	7
	1			/						
							l			
	*/	oH, temp, cor	nd readings not	necessary if well	is purged dry	Exam	ple Comm	ents: clear /	slightly clo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
		otal Well Vo		1.00 to 120 to 1815 with		Carrai	tine e			
	-	ctual amount o	of water prior to	sampling		Sample	ne	Towns 1		ainers used
		L/minute		Did f	ield parame	ters stabili	se? Y	N NA	Was the	e well dry purged? Y N
				ya Barata	Field C	QC Check	(S			TARREST MADE AND A STATE OF
Was pre-c	leaned sam	nplina equin	ment used for	these sample			YN			
							YN			128
				y protected from	in contamin		A DAYES	10		
			t conducted?			_	YNN			
			at time of coll			0		IA		5 = 1
			ed prior to pre	servations?		3	YNN	IA		
Duplicate	sample coll	ected? -					YN	Duplic	ate sample	e ID
Rinsate bl	ank collecte	ed?					YN	Rinsat	e blank ID	



Date: /	./ 1			SESTITE.		JUDIII	Time:	State of the second	M222		depart 600 A 1
The second second	1/12						100000000000000000000000000000000000000		0932		depart 69 4-1
		mphon	y				The second second second	t Number	0220	H98	
Site Loca Well ID:		mw03	>				Sampl		ine Pe	17 ZO	
well ID.	4-	mwo3	Ú.					ei. (c	The	AV-HSHILL	
						Equ	uipment				
Water qua	ality equ	ipment descr	ription:				Inte	erface pro	be number:	_	
Purging e (please c			er type: np type:	Plast Peris	ic taltic	Teflon Subme	ersible	Місго-р	urge	Amazon	Other:
				We	II Gaugin	g and Pu	ırge Volu	me Calc	ulations		新疆,他不能
Casing D	iameter	3	25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fa		r	0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres
Total Well	Depth	(-) Wa _m (-) _ S	ater level		=) Water C		3745				P = 3.14159 r = radius in cm
17.		_ m (-) <u>-</u>	Wate	er Column) Convers	ion Factor		s per 1 Well		h = height of water column in cm
			GE 8		m (x)		(=)			
Depth to	product:		_ m	Produ	uct Thickne	ess:	m	Ve	rified with B	ailer: Y	N
					Wa	ater Qual	lity Paran	neters			
Beginning	g purge t	me:		Endi	ng purge ti	me:			Pump	Intake Dep	th (mbtoc):
Litres	Tim	e PH	Temp		ond S/cm	DO mg/L	Redox mV	Drawdow <10cm		omments	
	100	doen	+n n	umala	sample	0 454	4 001	45+06	26		,
		944	1	USG-		- 50 / /	Pu	12/9			
	1										
		*pH, temp, o	cond reading	s not neces	sary if well is	s purged dry	Exam	ole Comm			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
		Total Well		ior to	lina		Sample	time _		Conta	iners used
		Flow rate	iii oi water pi	ior to samp		[d =	_		N NA		
		mL/minute			Did fie	ad parame	ters stabili	se/ I	IN IN/A	vvas tne	well dry purged? Y N
					/	Field C	C Check	s			
Was pre-c	cleaned	sampling equ	ipment use	ed for thes	e samples	?	,	Y N			
Was pre-c	cleaning	sampling eq	uipment pro	perly prot	ected from	contamina	ation?	Y N	_		х *
Was docu	mentatio	on of equipm	ent conduc	ted?			Ĺ,	YNN	IA		
Were air b	oubbles p	present in via	als at time o	of collectio	n?			YNN	IA		-0
-Was samp	ple for m	etals field filt	ered prior t	o preserva	ations?		,	Y N N	IA		
Duplicate	sample	collected?					,	Y N	Duplic	ate sample	ID
Rinsate bl	lank colle	ected?					,	N	Rinsat	e blank ID	<u>, , , , , , , , , , , , , , , , , , , </u>



WE	4 DEN	ELO	buen	T.		Job I	nformatio	on				
	12/13						Time:	arr	ive	9:15	SAM.	depart
	lame: Sur	nemou	4				Projec	t Num	ber:	0220	1198	
Site Loca	ation: L10	DEU	hh				Samp	ler:	M			X X
Well ID:	LL - 1	1WO:	3 (5	Boy			Weath	ner: ۲	tor	E 41	EAR	
1-2					1	Eq	uipment					
Water qua	ality equipme	nt descri	ption:				Int	erface	probe	number:	Gent	ech 1P#1261 30m
Purging e (please c	equipment: irlce)		er type: p type:	Plast Peris	taltic	Teflon Subm	ersible	Micr	o-pur	rge ,	Amazon	Other:
				-	II Gaugir	ng and Pi	urge Volu	ıme C	alcul	lations		
Casing D	iameter		25mm	50mm	100mm	125mm	150mm	2001	mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fa	on Factor actor L/m)		0.49	1.96	7.85	12.3	17.7	31.4	4	49.1	70.7	V = volume in litres P = 3.14159
	<u>150 -</u> m	(-) Wat	Wate	r Column	m (Column . 503 x) Convers x) ess:	sion Factor	(=) _	2	oer 1 Well	. L	r = radius in cm h = height of water column in cm
	集制 [4]				W	later Qua	lity Para	meter	s			
Beginning	g purge time:		JMIN SE	Endi	ing purge t	CONTRACT IN SECURIOR		in Carton		Pump	Intake Dep	oth (mbtoc):
Litres	Time	РН	Temp		ond S/cm	DO mg/L	Redox mV	Draw			omments	1 de dear
32L	10:25									dark &	Ligar	roader, pupmess
										repla		contains hours
DL	19:20 A									Ampin day	grecon	habidity - Not clear
										dov	walld	red futher reda
IL.	11:35AM	L								10 6d	ar do	ak grey fubidity
San i	11 40		-	-						Dake	ey to	bodily.
Stone	11:50A	1	-	_						1	,	1
0.15	12pm		_	_			t			Asa	bove	- yield chapped,
	1		4	_		Sk	so to	reda	00	ca	sider	oblambled
							Evam	nla Ca	mman	ate: cloor	aliabtly ala	oudy / turbid / very turbid / no odour /
	*pl	H, temp, co	and readings	not neces	sary if well	is purged dr	y Exam	pie Co	mmer			our / strong odour / drawdown depth
		al Well V	olume t of water pri	or to samr	alina		Sample	e time	/		_ Conta	ainers used
	Flo	w rate /minute	tor nater pri	or to same	1999-1999	eld parame	eters stabil	ise?	Y	NA NA	Was the	e well dry purged?
14.546					Sinc's	Field (QC Checl	(S				
Was pre-c	cleaned samp	oling equi	pment use	d for thes	e samples	, Los breamin	SECURE DIVINE	YN				
	cleaning sam	8 8						YN	-			
ora in	mentation of	N 1879 1876		50 - 5005.h				YN	00000	1		
	bubbles prese				n?		-	YN	-	4		
	ple for metals						-	YN		-		
	sample colle		. Su prior to	, p. 0001 V			-	Y N	+	J	ate sample	e ID
	lank collected						-	YN	-	45	e blank ID	
MISGIE DI	IGITY COLLECTER	4.6					11.	IN	1	Misal	O DIGITIK ID	



Date: 1	_	13-	dmer	π	Jo	ob Informati	-30	1.2	Spm	depart 3135Am.				
	,	MP41	wn.			100000	Project Number: 0724198 Sampler: TH							
			LL	v					11718					
		MMOL		RIAT		Weat	- 12	var de	Low	9 .				
Dules of pa			, (e Vjetka ili u stol	Equipment								
Water qua	ality equir	oment des	cription:			HORAL PLANSING CONTRACTOR		robe number:	Cak	LIP#4261 3am				
Purging e (please c	equipment irlce)		ailer type:	Plastic Peristalt		flon	45.72 U		Amazon	Other:				
				/ Well G	auging and	d Purge Vol	ume Ca	culations	R 115	如4年,14月25年,14月2日				
Casing D	iameter		25mm	50mm 10	00mm 125	mm 150mm	200mi	m 250mm	300mm	Volume of water in well / V				
Conversion (volume in fa	on Factor	20	0.49	1.96	7.85 12.	3 17.7	31.4	49.1	70.7	= Pr x r x h V = volume in litres				
Total Well	I Depth	(-) V _ m (-) _		m (=) _ er Column	Vater Column 4.072 (x) Cor	m nversion Facto	r (=) Litı	es per 1 Wel	I Volume	P = 3.14159 r = radius in cm h = height of water column in cm				
Depth to p	product: _	_	m	Product 1	m (x) Thickness: _	-		/erified with B	[v	N				
					Water 0	Quality Para	meters							
Beginning	g purge tir	ne:		Ending p	ourge time:			Pump	Intake Dep	oth (mbtoc):				
Litres	Time	PI	H Temp	o °C Cond mS/cr	하다 그 사람들이 아니다 하다	Redox mV	Drawdo <10ci	m	omments					
Dh	2.2	0						Re L	and !	2010-4-9				
6L.	2:25	>-		,				tutat	1	with anagon purp				
146	3:05	ipm						no ode	ماله م	- allowed to be chair				
34	3:15	-						dok	shand y	-biolity 0				
105	3:20				¥			Asa	bove					
0.5	3:27	3	MUELD	DECLE										
			CAN	SUDERE	to peri	ELOPER								
		9 6/3			95 VANC	Even	nole Com	mente: closs	/ slightly old	oudy / turbid / very turbid / no odour /				
		*pH, temp,	cond reading	s not necessary	if well is purge	ed dry Exam	this com			our / strong odour / drawdown depth				
		Total Wel Actual amo Flow rate	unt of water p	rior to sampling		Sampl				ainers used				
		mL/minute			Did field par	rameters stabi	lise? Y	N NA	Was the	well dry purged? Y N				
					Fie	ld QC Chec	ks							
Was pre-c	cleaned s	ampling ed	quipment use	ed for these sa	amples?		YN							
Was pre-c	cleaning s	ampling e	quipment pro	operly protecte	ed from conta	amination?	YN							
Was docu	ımentatior	n of equipr	ment conduc	ted?			YN	NA						
Were air b	oubbles p	resent in v	ials at time o	of collection?			YN	NA						
Was samp	ple for me	tals field f	Itered prior t	o preservation	ns?		Y N	NA						
Duplicate	sample c	ollected?					YN	Duplio	ate sample	e ID				
Rinsate bl	lank colle	cted?					YN	Rinsat	te blank ID					



WELL	DEVE	LOPME	= MT		A Y	Job	Informatio	on	JAWA			
	1/12/12						Time:	arriv	е	la	~	depart
_	ame:		NC				Projec	t Numb	er:	0221	4198	
Site Local	tion: LIG	DELL		_			Samp		111			
	LL-Y						Weath		101	- st c	Loud	u ·
E Salativa	S/ 8000	September 1						MENIS	Time I	Valida no		
				ME LEGIS	1204		quipment			HERV		11211
Water qua	ality equipme	nt descript	tion:				Int	erface p	robe	number:	3	4261
Purging e	quipment:	Bailer	type:	Plas	tic	Teflo	n	Sed	1.	the	8-	to to well
(picaco oi	11007	Pump	type:	Peri	staltic	Subn	nersible	Micro	-purg	ge /	Amazon	Other:
	表唱用 处			We	ell Gau	ging and F	Purge Volu	me Ca	lcula	ations		
Casing Di	ameter	T	25mm	50mm	100n		MANON SANAGASIA	200m	100000000000000000000000000000000000000	250mm	300mm	Volume of water in well / V
Conversion	n Factor		0.49	1.96	7.8		17.7	31.4	-	49.1	70.7	= Pr x r x h V = volume in litres
(volume in fa		(-) Wate			1		1	-			1	P = 3.14159
4 b	50° m	(-) Wate	3.67	<u>1</u> m	(=) 1	.39	_ m					r = radius in cm h = height of water column in cm
11.00			Wate	r Colum	n	(x) Conve	rsion Factor	(=) Lit	res pe	er 1 Well	Volume	
		_									V	TA
Depth to p	product:		m	Proc	luct Thic	ckness: _=	m		/erifie	ed with B	ailer:	
						Water Qu	ality Para	neters		E DV		
Beginning	purge time:			End	ling pur	ge time:				Pump l	Intake Dep	th (mbtoc):
Litres	Time	PH	Temp	°C (Cond	DO	Redox	Drawdo		С	omments	
25	PS MARKET D			n	S/cm	mg/L	mV	<10c		D- De 6	- Prati	abidity, no odor.
30L	1:22gm									allow	ed t	o rectional.
3L	1:26pm									Hs al	one 1	a be reasonabley
34	1:35pm										s recl	. 0
31	150pm								(stree	on is	adjournt.).
14	1.55	_	show	TO F	ECH	ARGE			4	hana	Jenst	is remain the
1			Janes			ele la	DEO,		0	some	at ea	who perform interes
												, 19
									\neg			
									1			
				32					\top			=
	*pi	H, temp, con	d readings	s not nece	ssary if w	vell is purged o	dry Exam	ple Com	ment			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
41		al Well Vo			-0		Sample	e time		_	Conta	niners used
4 ,		ual amount o w rate	or water pr	ior to sam		A Control	100-400 Miles			TNA T		A S
	mL	/minute			Di	d field paran	neters stabil	ise?	1-14	IVA	Was the	well dry purged?
				enja e		Field	QC Check	(S				
Was pre-c	leaned samp	oling equip	ment use	ed for the	se samp	oles?	3	YN				
Was pre-c	leaning sam	pling equip	ment pro	perly pro	tected f	rom contam	ination?	Y N				
	mentation of							YN	NA			
	ubbles prese				en?		_	Y N	NA			
	le for metals						-	YN	NA			
N	sample eoile		od prior to	o preserv	auons (Y N	14/4	Duelle	ata cample	D
Duplicate:	sample colle	oleu r						I IN		Duplic	are sample	



1												
WE	LL DEVE	MAPCH	ENT.			Job I	nformatio	on	HĪ(III			
Date: 6	1/12/13						Time:	a	rrive	8:41	OKM.	depart
Project N	lame: SYY	1PHON	24				Proje	ct Nu	mber	: 0224	198	
Site Loca	ation: Lipp	ELL-	- LL				Samp	ler:	-11	4		
Well ID:	LL - MV	POL					Weat	ner:	H	or & cl	EAR	ž.
# 8.11	F98 5 (5 A)		R.G.	。 東東東		Ec	uipment				(* N	
Water qu	ality equipmen	nt descripti	ion:	MIRABOREA			Int	erfac	e pro	be number:	Cool	ech 1P. 4261 30m
Purging e	equipment:	Bailer	tvpe:	Plasti	С	Teflor	8000	T	امرا	unt, F	7 ing	bettom of nell
(please c		Pump		Perist	altic		ersible			-	Amazon	Other:
ELVA ZAL		=1011/000	s an ann	Qual							ISTERVÁTO.	
0			0.5	1	CONTRACTOR AND	CONTRACTOR OF CO	urge Volu	200000	The state of the		000	
Casing D	on Factor		25mm	50mm	100mm	. Johnson	230000000	1	0mm	5. Tananan	300mm	Volume of water in well / V = Pr x r x h
(volume in fa	actor L/m)	21.10	0.49	1.96	7.85	12.3	17.7	31	1.4	49.1	70.7	V = volume in litres P = 3.14159
Total Wel	Depth m	(-) Water	602	(= - \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) Water	26G	m					r = radius in cm h = height of water column in cm
		Copoppi	~ Water	Column	(x) Conver	sion Factor	(=)	Litre	es per 1 Well	Volume	
				1-600	m (x)	W .	(=)		10.54	> L	TAI
Depth to	product:		m	Produ	ct Thickn	ess:	m		Ve	erified with B	ailer:	
					V	later Qua	ality Para	mete	ers		A 195	
Beginning	g purge time:			Endin	g purge				00000	Pump I	ntake Dep	oth (mbtoc):
Litres	Time	PH	Temp		ond	DO	Redox	Dra	wdow	n C	omments	C. C. C. M. C.
					/cm	mg/L	mV	<	10cm	Fig. 52		to book to
1	9:05m									Dak	المحارة	te founton
										thut	1 500	resent
				16						allow	ed -	to rectage.
9	7:20 m									As alo	ae, t	upodry claim
										much	guide	~ 1
6.5	9.38AM	1								naod	ov, de	ak grey tub; ohty
	100									des	50	othe pulping
3.5	9:44mm									As abo	ne	
3 3	9:50AM									Asal	e nost	hydeo.
WES 2	9.55AM						4			worth	ndeo	- ruter yield be
1.5	-9:57 BA	temp, cond	d readings	not necess	ary if well	is purged di	Exam	ple C	omn	nents: clear /	slightly clo	oudy / turbid / very turbid / no odour /
		I Well Vol					V 100 TO			- Ongun	USAN SERVIN	_ da 1
	Actua	al amount o		or to sampli	ing		Sample	e time			_ Conta	ainers usedacu
	100000000000000000000000000000000000000	v rate ninute			Did fi	eld param	eters stabil	ise?	Y	N NA	Was the	e well dry purged?
Merman		2 3 20 0			THE RESERVE	Field	QC Chec	ks				
Was nre-c	cleaned sampli	ing equips	ment used	for these	sample	100000000000000000000000000000000000000			N			
	cleaning sampl						-		N			
		920 000000		2 - A150	oten Hor	ncontaniii		-		VA		
	mentation of e				.2							
	oubbles preser			VILLE OF STREET						NA		
	ple for metals f		d prior to	preserva	uons?		-		200	NA Dualia		- 10
67	sample collect							Y	N	1975	ate sample	
Kinsate b	lank collected?						100	Y	N	Rinsate	e blank ID	



	8											
h	ley De	relopme	at		-	Job I	nformatio	on				
Date:	9/11/13	1					Time:	a	rrive	08:0	0	depart
Project N	lame: Proje	ect Sy	mohor	14			Projec	ct Nur	nber:	022	4198	
Site Loca		ell.	1)			Samp			H/IG		
Well ID:	LM-MI	N01					Weath	ner:	OVE	ercast		
					7	Eq	uipment					
Water qu	ality equipmer	nt description	on:				Int	erface	e prob	e number:		
Purging 6	equipment:	Bailer ty	vpe:	Plast	ic	Teflon						
(please o		Pump ty	e.comove	Peris	taltic	Subm	ersible	Mic	ro-pu	ırge	Amazon	Other:
			_		1	ing and Pi		-		lance of	300mm	Volume of water in well / V
Conversi	on Factor		**************************************	50mm	100mm		150mm	10000	0mm	250mm 49.1		= Prxrxh
(volume in fa	actor L/m)		0.49	1.96	7.85	12.3	17.7	31	,4	49.1	70.7	V = volume in litres P = 3.14159
Total Wel	Depth OIS m	(-) Water	420	m (=) Water =)2	: 595	m					r = radius in cm h = height of water column in cn
		A	Water	Column		(x) Convert (x) 1.9	sion Factor	(=)	Litres	per 1 Well	Volume	
		200						(-)		-27	\ \	N
Depth to	product:	<u> </u>	1	Prod	uct Thick	ness:	m_		ver	ified with B	aller:	
					١	Nater Qua	lity Para	mete	rs			
Beginnin	g purge time:			Endi	ing purge	time:				Pump	Intake De	oth (mbtoc):
Litres	Time	PH	Temp °		ond S/cm	DO mg/L	Redox mV		wdown 0cm		omments	
10	0805						278557			Turbid	. black,	purged dry description
14	08:20									Allowed	to re	drange. Pimped another (
							71					*
	*pH	l, temp, cond	d readings i	not neces	ssary if we	ell is purged d	y Exam	nple C	omm	ents: clear slight	/ slightly cl odour / od	oudy / turbid / very turbid / no odour / lour / strong odour / drawdown depth
14		al Well Vol			- Leto		0	- 41			Cont	tainers used
19	7000	ial amount of w rate	f water prio	r to sam			Sampl		; <u> </u>			201
	(1)	/minute			Did	field param	eters stabi	lise?	Y	N MA	Was th	e well dry purged? N
						Field	QC Chec	ks				
Was pre-	-cleaned samp	oling equipn	nent used	for the	se sampl	es?		Y	N			*
	-cleaning sam						nation?	Y	N			
A	umentation of		TO CONTRACT OF THE CONTRACT OF					Y	NN	IA		
	bubbles prese	W W			on?			Y	NN	IA ·		
	nple for metals							Y	NN	IA		
	e sample colle							Y	N	 Dupli	cate samp	le ID
	blank collecter						t	Y	N	Rinsa	ite blank II	1



PISTAT										-	
WA	ell Devi	clopme	at		Job Ir	nformatio	n				
Date:	19/4/13	1				Time:	ar	rive	08-35		depart
Project Na	ame: Prox	et Sw	nghono			Projec	ct Nun	nber:	0224	198	
Site Local	tion: Ludd	مال	7			Samp	ler:	W.	it 15.6		
Well ID:	LM-MI	NOZ				Weath	ner:	014	urtast	mun	
					Eq	uipment					
Water qua	ality equipmer	nt description	on:			Int	erface	e prob	be number:		
Purging e (please ci	quipment: rlce)	Bailer ty		Plastic Peristaltic	Teflon	ersible	Mic	ro-pu	urge	Amazon	Other:
					\leftarrow						
	Countries & Calcul			- T	uging and Pu	150mm	1)mm	250mm	300mm	Volume of water in well / V
Casing Di					0mm 125mm .85 12.3	17.7	31.	(A)CONT	49.1	70.7	= Prxrxh V = volume in litres
(volume in fa	ctor L/m)				ater Column	17.7	31.		49.1	70.7	P = 3.14159 r = radius in cm
Total Well	110 m	(-) Water	685	m (=)		m				30	h = height of water column in cn
			Water	olumn 225	(x) Convers	sion Factor	(=)	Litres	6.37	Volume	
					nickness:				rified with B	V	N
Depth to	oroduct:			Floduct II	iickiiess.	="-		701	med with D	diior.	
					Water Qua	lity Para	mete	rs			
Beginning	purge time:			Ending pu	urge time:		1		-		oth (mbtoc):
Litres	Time	PH	Temp °C	C Cond mS/cm		Redox mV		vdowr 0cm		omments	
10	08.40					600000		de La	Turbic	d, brow	un. Purged dry after le scharged. Ruged anoth
16	08-55								Allow	Dry.	echa rold. Rurged anoth
10	0807									0	
											A.
	*pl	H, temp, cond	d readings n	ot necessary	if well is purged di	Exam	nple C	omm	nents: clear slight	/ slightly clo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
1/-	Tot	al Well Vol	lume			Sampl	a time			Cont	ainers used
IK		ual amount o w rate	f water prior	to sampling			11	Desc 1	16		
	1000 (000)	/minute			Did field param	eters stabi	lise?	Y	N NA	Was the	e well dry purged?
					Field	QC Chec	ks				
Was pre-	cleaned samp	oling equipr	ment used	for these sa	mples?		Y	N			9.
					d from contami	nation?	Y	N			
	umentation of						Y	NN	NA		
	bubbles prese					Ī	Y	NN	NA .		
	ple for metals				s?	Ī	Y	NN	NA		
	sample colle		9004 - 1 000 - 110 - 120 - 1		ouene!		Y	N	 Dupli	cate samp	le ID
	olank collected					t	Y	N	Rinsa	ite blank I)



* Not Converted to Well Sampling Data Form

CIZIAT					af	for hear	y rais	, ,		
Well N	ot Instal	Led bu	- water	Obeckd	in holsob 1	nformati	on We	Ug	anged and pu	irgeal, to determine Fil
	11/13)				Time				depart / Make
	1 12	eit Su	mahan			Proje	ct Numb	er: ¿	222498	/ .
Site Locat	ion: 1	Main B	mphon	7			oler: /			
	M. MI		Clot Co					_	, some cla	yld.
									//	/
			. ^		Ec	uipment				
Water qua	lity equipme	ent descrip	tion: NA			In	terface p	orobe	number: 5122	.605A
Purging e		Bailer	type:	Plastic	Teflor	1				
(picaso on	100)	Pump	type:	Peristaltic	Subm	ersible	Micro	-pur	ge Amazon	Other:
				Well Gau	ging and P	urge Vol	ume Ca	lcula	ations	
Casing Di	ameter		25mm 50	0mm 100n	nm 125mm	150mm	200m	ım :	250mm 300mm	Volume of water in well / V
Conversio	n Factor		0.49	1.96 7.8	5 12.3	17.7	31.4	7	49.1 70.7	= Prxrxh V = volume in litres
(volume in factor) Total Well	Depth	(-) Wate	r level	(=) Wat	er Column					P = 3.14159 r = radius in cm
5.8	5 m	(-) <u> </u>	70	m (=)	468	_m/_				h = height of water column in cr
			Water C	4.68	(x) Conver	Sion Facto	r (=) Li (=)	res p	er 1 Well Volume 138. L	
D	roduct:	_		Product This	/-	m			ed with Bailer:	N
Depth to p	roduct:			1 TOGGGG TTIK				VOIIII	od Mar Danor.	
					Water Qua	ality Para	meters			
Beginning	purge time:			Ending pur	ge time:		,		Pump Intake Dept	h (mbtoc):
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawd <10c		Comments	
			+	//	111972					
			+ ,	/			-	-		
							+			
			-				-			
			/							X
							-	-		
							-	-		
			-				-	-		
			+				-			
	/						-			
						Evan	nnie Cor	nmen	ts: clear / slightly clou	udy / turbid / very turbid / no odour
	, *pi	H, temp, cor	nd readings no	t necessary if v	vell is purged d	ry Lxa.				ur / strong odour / drawdown depth
		tal Well Vo	olume of water prior t	o samolino		Sampl	le time		Conta	iners used
	Flo	w rate	or water prior t		id field param	atavo otobi	lion?	N	I NA Was the	well dry purged? Y N
/	mL	./minute		U	id field param	leters stabi	iise:	y 340	vvas tile	well dry purged?
					Field	QC Chec	ks			
Was pre-c	leaned sam	pling equip	ment used f	or these sam	ples?		YN			
Was pre-c	leaning sam	pling equi	oment prope	rly protected	from contami	nation?	Y N			
Was docu	mentation of	f equipmer	nt conducted	?			YN	NA		
Were air b	ubbles pres	ent in vials	at time of co	ollection?		Ī	YN	NA		
	5V			reservations?	,		Y N	NA	1	
	sample colle		99 III (16 JAN 14 J				YN		Duplicate sample	ID
	ank collecte					1	YN	1	Rinsate blank ID	



t 11:35
Other:
me of water in well / V
volume in litres 3.14159
adius in cm neight of water column in cm
223
otoc):
ged dry offer 25c
Brun, tubid . Dry
Brown, turbed Allo
76. brown becoming
urgulary.
urbid / very turbid / no odour /
rong odour / drawdown depth
used
dry purged? N
¥.
<u> </u>



INIVI	II Deir	1 = 000	.1		Job II	nformatio	on.			
Date:	20 11	Lopin 13	ever.			Time:	2005	12-34	2	depart 13:25
Project Na		rect &	Symphon	NG.		Projec	ct Numbe	1: 0224	65 17 15 VA	10.00
Site Locat	ion: Lide	leil	District)	Y	Samp	an an analysis	H		
Well ID:	LN-M	W02				Weatl	ner: Fi	ñe		
				7	Eq	uipment				
Water qua	ality equipm	ent descr	iption:			Int	erface pr	obe number		
Purging ed (please cir	quipment: rlce)		er type:	Plastic Peristaltic	Teflon	ersible	Micro-	purge	Amazon	Other:
				Well Gau	ging and Pu	urge Volu	ıme Cal	culations		
Casing Dia	ameter		25mm	50mm 100n	nm 125mm	150mm	200mr	250mm	300mm	Volume of water in well / V
Conversio			0.49	1.96 7.8	5 12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159
Total Well		(-) Wa	iter level	(=) Wat m (=)	er Column	92				r = radius in cm h = height of water column in cm
	495	n (-)	2-075 Water	m (=) Column	(x) Convers	m ion Factor		es per 1 Wel	l Volume	II - height of water coldinit in chi
				5.42	m (x) 1.9	6	(=)	10-62	L	
Depth to p	oroduct:	_	_ m	Product This	ckness:	m	٧	erified with E	Bailer: Y	N
					Water Qua	lity Para	meters			
Beginning	purge time	12:4	0	Ending pur	ge time: 13	:20		Pump	Intake Dep	oth (mbtoc):
Litres	Time	PH	Temp °	C Cond mS/cm	DO mg/L	Redox mV	Drawdo <10cr		Comments	
120	12:45					120200		brow	n. turk	الماد
40	12:50							brow	1	bid
60	12:5	1						brow	en, tu	ibid well actually
80	13:00							rech	0,0	Th
100	13:05							brown	, turbic	d'
120	13:10							brow	n, furbi	d
140	13:15							1.0	1, tubi	- 1
160	13.2								No. 31	
					-					
		1							/ -P - L D1	
		oH, temp, o	cond readings i	not necessary if	well is purged di	Exan	nple Com			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
TAND	160 T	otal Well	Volume nt of water prio	er to campling	AND	Sampl	e time _	_	Cont	ainers used
	F	ow rate L/minute	14		id field param			N NA	Was th	e well dry purged? Y
						QC Chec				
\M	(versel ess			164	50701101	QC Chec	YN			¥
				for these sam	*001000NCS	nation?	YN			AT.
				perly protected	nom contami	iauoni	YN	NA		
		(E /2	nent conducte				YN	NA -		
			als at time of		2		YN	NA NA		
			retea buot to	preservations'	r _e		YN	Duplicate sample ID		
	sample collect						YN		ate blank [[



U	Jell "	Develo	oment			Job In	formatio	n			
	4/11/13		l				Time:	arriv	e 11:4	5	depart 12:15
Project N	Name: 1	ect 5	ympho	on-y	-3		Projec	t Numbe	er: 022	H98	
Site Loca		dell					Sampl	ler: N	1.H		
Well ID:	LN-M	W04					Weath	er: F	r		
						Equ	ipment				
Water qu	uality equipn	nent descri	ption:				Inte	erface pi	robe numbe	r:	
Purging (please of	equipment: cirlce)		er type: p type:	Plast	ic taltic	Teflon Subme	rsible	Micro	-purge	Amazon	Other:
				We	II Gaugin	a and Pu	rae Volu	me Ca	lculations		
Casing D	Diameter		25mm	50mm	100mm	125mm	150mm	200mi	1	- Indexes	Volume of water in well / V
	ion Factor		0.49	1.96	1.96 7.85		17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres
Total We	II Depth	(-) Wat m (-)3	Wate	m (=) Water (=)(×	25 Conversi	ion Factor		res per 1 W	ell Volume	P = 3.14159 r = radius in cm h = height of water column in cm
Depth to	product:	-		2.125 Produ	10.70	ess:		100000	4.165 /erified with	Bailer: Y	N
					W	ater Qual	ity Parar	neters			
Beginnin	g purge time	e: 11:50	0	Endi	ng purge t	ime:)	2:05		Pum	o Intake Dep	oth (mbtoc):
Litres							Redox mV	Drawdo		Comments	
8	11:55					5-	10000		brown	SL. Alle	drilling slung-Puras dry
10	12:05								Pecho	Allowed	o richarge for 20 mins.
		N. V. Danes				.5.2500.2500000000000000000000000000000	Fyam	ple Com	ments: clea	ır / sliahtlv de	oudy / turbid / very turbid / no odour /
10) 1	*pH, temp, co otal Well \	/olume			is purged dry	Sample	55 		ht odour / od	our / strong odour / drawdown depth
	F	Flow rate nL/minute	t or rutor p	nor to our	111/190	eld parame	eters stabil	ise? Y	N (NA)	Was the	e well dry purged? N
						Field C	QC Chec	ks			
Was pre-	-cleaned sa	mpling equ	ipment us	ed for thes	se samples	\$?		YN			4
Was pre-	-cleaning sa	impling equ	ipment pr	operly pro	tected fron	n contamin	ation?	YN			
Was doc	cumentation	of equipme	ent conduc	cted?				YN	NA		
Were air	bubbles pre	esent in via	Is at time	of collection	n?			YN	NA		
Was san	nple for met	als field filte	ered prior	to preserv	ations?			YN	NA		
Duplicate	e sample co	llected?						YN	Duplicate sample ID		
Rinsate	blank collec	ted?						YN	Rins	sate blank ID	



						Jobi	nformation	on			X)		
Date: 1	0 11	3					Time:	arr	ive	18/10 11:25 depa	art 12:15		
Project Na	ame:	ject	Symp	hon a			Proje	ct Num	ber:	0224198			
Site Loca		dolet	0 1)		Samp	oler: /	J.l	1			
Well ID:	LNIN	1405					Weat	her:	Fir	c, some cloud			
					-	Eq	uipment						
Water qua	ality equipr	nent descr	ription:				Int	erface	prot	e number:			
Purging e (please ci	quipment: rlce)		er type:	Plast Peris		Teflor	ersible	Mici	ro-pi	rge Amazon	Other:		
				We	II Gaugi	ing and P	urge Volu	ıme C	alc	lations			
Casing Di	ameter		25mm	50mm	100mn	125mm	150mm	200	mm		lume of water in well / V		
Conversion (volume in fa			0.49	1.96	7.85	12.3	17.7	31.4	4	49.1 70.7 V =	volume in litres		
Total Well	Depth		iter level		=) Water	Column	2.			r =	3.14159 radius in cm		
	800	m (-)	1-780 Wate	m (= r Column	=) <u>qv</u>	(x) Conver	<u>v</u> m sion Factor	r (=) L	itres		height of water column in cn		
			13	802	m	(x)1	96	(=) _		per 1 Well Volume	7		
Depth to	oroduct: _	~	_ m	Produ	uct Thick	ness:	m		Ver	fied with Bailer: Y N			
						Nater Qua	ality Para	meter	s				
Beginning	purge tim	e: 11:	30	Endi		- 10	2:10			Pump Intake Depth (n	nbtoc): 9.00		
Litres						Redox	Draw	dowr	Comments				
	1101	1			S/cm	mg/L	mV	<10)cm	1			
20	11.35		_							brown, twold	. 1.11		
40	11.40									as pump	Well a Chively rechang		
60	11.45		-								ecoming clear after		
	11:55		-	_	-					Actively recharge			
100	12:00		-	_				-		Clear	as families		
120	12:05	-		-	-					dear			
160	12:10			_						clear			
100	12	+				_				O.C.			
		+		_	-				-				
		*ald tomp	cond readings	s not naces	seany if wo	ll is nurged d	Exan	nple Co	omm		turbid / very turbid / no odour /		
1/		g 5 54.5		3 not neces		700 80	9			slight odour / odour / :	strong odour / drawdown depth		
160)]	otal Well ctual amou	Volume nt of water pr	ior to samp	oling Ma	0	Sampl	e time		Container	s used		
		low rate	80	K	Did	field param	neters stabi	lise?	Y	N Na Was the wel	I dry purged? Y		
							00.01	les .					
711	74 77		27 0	12.2			QC Chec		. [31		
73455440000A			uipment use						1		*		
			uipment pro		tected fro	om contami	ination?	13 S					
			ent conduc		5,520					A			
			als at time o							A			
Was sam			tered prior t	o preserv	ations?				1 1	A			
	sample co							YI	N	Duplicate sample ID			

Jack 0432 596 844



Rinsate blank collected?

						Job Ir	nformatio	n							
Date:	20 [4]	5					Time:	а	rrive	08:00		depart 9:05			
Project N	Name: Ph	rich S	symphon	1			Projec	t Nu	mber	: 0241	98				
Site Loca		ddul	0 1	9			Samp		-						
Well ID:	LN-	MW06					Weath	er: 1	Foa	gy early	buron	ing fine			
						Ear	uipment		01		1	3 1			
Water a	uality equip	mant doo	orintian			Lqt	10000	orfoo	0.000	bbe number:					
			Mostlere Wassington	57V27	W.	24/00/07/20	1110	siiac	e pro	de namber.					
Purging (please of	equipment cirlce)		iller type:	Plast		Teflon						20.0			
		Pu	imp type:	Peris	taltic	Subme	ersib)e	Mi	cro-p	ourge	Amazon	Other:			
				We	II Gaugin	g and Pu	ırge Volu	me	Calc	culations					
Casing D	Diameter		25mm	50mm	100mm	125mm	150mm	20	0mm	250mm	300mm	Volume of water in well / V			
Conversi	ion Factor		0.49	1.96	7.85	12.3	17.7	31	.4	49.1	70.7	V = volume in litres			
Total We	otal Well Depth (-) Water level (=) Water Column										-	r = radius in cm			
9.1	860	_m (-) _	2.060		=)			/=\	Litro	e per 1 Wel	l Volume	h = height of water column in cm			
			vvad	1 7-8	m (×	()	76	(=)		15.28	8 L				
Deoth to	product: _		m	Prod	uct Thickne	ess:	m		Ve	: erified with E	Bailer: Y	N			
	p							_							
							lity Parar		rs	1.	NEW CONTROL OF THE CO	AND CONTRACTOR AND CO			
	ng purge tin		:10		ing purge ti	- 1	08:5	THE SOC			Intake Depth (mbtoc):				
Litres	Time	PI	H Tem		ond S/cm	DO mg/L	Redox mV		wdow 10cm		comments	= Prxrxh V = volume in litres P = 3.14159 r = radius in cm h = height of water column in cm N with (mbtoc):			
20	08:15									brown	, turbid.				
40	08:20									as a	dove.				
60	08:25	× 1								Activ	ely recl	navaine as water is			
80	08:30									pumpe	diout.	0 3			
100	08:3	100									100				
120	66:4										1, turb				
140	08.4	5								brown	1, tuba	d. Actively recharging a			
160	08.5									water					
										Brow	1, 104 000				
					1/2	Jk;			100						
	-	*pH_temp	, cond reading	as not nece:	ssarv if well i	s ouraed do	Exam	ple C	Comr			oudy / turbid / very turbid / no odour /			
1.7					1/1	4				slight	odour / ode	our / strong odour / drawdown depth			
16	0		II Volume ount of water p	prior to sam	pling W	10r	Sample	e time	e —		Cont	ainers used			
-	_	Flow rate			Did fi	eld parame	eters stabil	ise?	Y	N NA	Was the	e well dry purged? Y			
				1000 4500			QC Chec								
		se samples		VAL 928 1	Y	N			5.						
Was pre-	-cleaning s	ampling e	equipment pr	roperly pro	tected from	n contamin	nation?	Y	N						
Was doo	cumentatio	n of equip	ment condu	cted?				Y		NA					
Were air	r bubbles p	resent in	vials at time	of collection	on?			Y	-	NA -					
Was san	mple for me	etals field	filtered prior	to preserv	ations?			Y	N	NA					
Duplicate	e sample o	collected?						Y	N	Dupli	cate sampl	e ID			
Rinsate	blank colle	cted?						Y	N	Rinsa	ite blank ID				



1	Nell	Denre	ophen	t		Job I	nformatio	on		300-1-1-1	
Date:	21/11/1	3	Tiven	4			Time:	arriv	e 09:3	5	depart 10:30
Project N	Name: Pr	oxect &	rumohon	1			Projec	ct Numbe	er: 0724		*
Site Loc		adell	01)				ler: N			
Well ID:	LN-N	WO7					Wal o	- 3.0	ereast		
						Eq	uipment				
Water qu	uality equip	ment descr	iption:				Int	erface p	robe numbe	r;	
Purging (please	equipment cirlce)		er type:	Plast Peris	tic staltic	Teflon	ersible	Micro	-purge	Amazon	Other:
				We	II Gaugir	ng and P	urge Volu	ıme Ca	lculations		
Casing E	Diameter		25mm	50mm	100mm	125mm	150mm	200mi	m 250mm	300mm	Volume of water in well / V
Convers (volume in t	ion Factor factor L/m)		0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159
		(-) Wa _m (-)	Wate	m (column	m (:	76			res per 1 We 13 25	V	r = radius in cm h = height of water column in cm
					W	later Qua	lity Parai	neters			
Beginnin	ng purge tir	ne: 09-	+5	Endi		time: 10			Pump	Intake Dep	oth (mbtoc): 8.5
Litres	Time	7 2000	Temp	∘c c	ond S/cm	DO mg/L	Redox mV	Drawdo <10ci	wn m	Comments	
20	09:5	0							brown	turbid	. Rurged dry afki 201.
30	10.00							11.	Pump	ed to rec	there is a Dry. Allowed
35	10:05								Runge	ed anothed anothed	Rurged dry after 201. horge 106. Dry. Allowed her 56. Brown, becoming Cle her 56. Purged dry.
									rum	rea apron	JE Janger and
				-							
						. 1					
		*pH, temp, o	cond reading:	not neces	ssary if well	is purged dr	Exam	ple Com			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
4	0	Total Well Actual amou		ior to samp	oling		Sample	e time _	_	Cont	ainers used
.15	-	Flow rate mL/minute			Did fi	ield parame	eters stabil	ise? Y	N (A)	Was the	e well dry purged? N
						Field	QC Chec	ks			
Was pre-	-cleaned s	ampling equ	uipment use	d for the	se sample:	s?		Y N			*
Was pre-	-cleaning s	sampling eq	uipment pro	perly pro	tected from	m contamir	nation?	Y N			
Was doo	umentatio	n of equipm	ent conduc	ted?				Y N	NA		
Were air	bubbles p	resent in via	als at time o	f collection	on?			Y N	NA		
Was san	nple for me	etals field file	ered prior t	o preserv	ations?			Y N	NA		
Duplicate	e sample o	collected?						YN	Dup	icate sampl	e ID
Rinsate	blank colle	cted?						Y N	Rins	ate blank ID	



1 Well	Der	ela	tion	0.	Job li	nformati	on			Ca. 2(1)					
Date:	12/12/1	3				Time: arrive 14:05 depart									
Project N	Name: Sy	mpho	ny	¥.		Proje	ct Nu	ımber:	022	4198	.9				
Site Loca	ation: U	dill			- A	Samp	oler:	N.7	1		A				
Well ID:	LON	WO1		ř.		Weat	her:	F	ire						
					Eq	uipment									
Water qu	ality equipr	ment descr	iption:	IA ·		ln	terfac	ce prob	e number:	Test	well 9300159.				
Purging (please of	equipment: cirlce)		er type: np type:	Plastic Peristaltic	Teflon	ersible	Mi	icro-pu	ırge	Amazon	Other:				
				Well Gau	ging and Pu	ırge Volu	ıme	Calcu	ılations		10				
Casing D	iameter		25mm 5	0mm 100m	m 125mm	150mm	20	00mm	250mm	300mm	Volume of water in well / V				
Conversion (volume in fa	on Factor		0.49	1.96 7.85	12.3	17.7	3	1.4	49.1	70.7	V = volume in litres				
10.0	Volume in factor L/m) Total Well Depth (-) Water level (=) Water Column m (-)														
					Water Qual	ity Parai	mete			7					
Beginning	purge time	: 14:	10	Ending purg	e time:		2		Pump I	ntake Dep	th (mbtoc):				
Litres	Time	PH	Temp ∘C	Cond mS/cm	DO mg/L	Redox mV		wdown I0cm	100	omments					
4	14:12							2	turbed,	Allowed	po day luned dy after				
5	14:15	5							they as	above	- Purged of after anoth				
6	14:30				0.00				11.	Allowed	to recharge.				
7	14:40														
	16.0	9							-	-	ell volumes removed				
									9 "	evrlope					
).		1							510	w rec	harge				
						12	A								
		1			-						4				
			11												
	**	H, temp, co	nd readings not	necessary if we	ll is purged dry	Exam	ple C	ommei	nts: clear / slight o	slightly clou dour / odo	udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth				
7		tal Well Vo	olume of water prior to	sampling		Sample	time			Contai	iners used				
_		ow rate /minute		Did	field paramet	ers stabilis	se?	Y 1	NA NA	Was the	well dry purged? N				
	172				Field Q	C Check	s								
Was pre-cl	eaned sam	pling equip	ment used fo	r these sample	es?	1	1 \	N			- 1/2S				
Nas pre-cle	eaning sam	pling equip	oment properl	y protected fro	om contamina	tion?	Y 1	١							
Nas docun	nentation of	f equipmer	t conducted?			1	1 1	NA L		ė	÷				
Were air bu	ıbbles pres	ent in vials	at time of col	lection?		١	1	NA NA			w *				
'as sampl	e for metals	s field filter	ed prior to pre	servations?		١	1 1	NA NA	X						
Duplicate s	ample colle	cted2		90		1	(N	1	Duplica	te sample	ID				
Æ.	nk collecte					Y	1	1	Rinsate	blank ID					



-		-							-						
IW	ell Der	dopmen	nt.			Job I	nformati	on	1.75						
Date:	1	3					Time	ar	rive	08:4	0	depart 09:20			
Project N	Name: S	maha	ns				Proje	ct Nun	nber:	0224	+198	W ₂			
	ation: Mo		od Lu	dell			Samp	ler:	NA	+ "					
Well ID:	LO-N			8			Weat	ner:	Fir	e					
						Eq	uipment								
Water qu	ality equipr	ment descr	iption:	NA	*			erface	prob	e number:	Testw	ell 9300159			
Purging (please of	equipment: sirlce)		er type:	Plast Peris		Teflon			ro-pu		Amazon	Other:			
				Wel	II Gaugin	g and Pu	ırge Volu	me C	alcu	ılations					
Casing D	lameter		25mm	50mm	100mm	125mm	150mm	200	mm	250mm	300mm	Volume of water in well / V			
Conversi	on Factor		0.49	1.96	7.85	12.3	17.7	31.4	4	49.1	70.7	= Prxrxh V = volume in litres			
Total Wel		(-) Wat	ter level	(=	e) Water C	Column	4-19					P = 3.14159 r = radius in cm			
6.06	75	m (-)) 3 760 Wate	m (=	=) <u>5°</u>	Convers	m ion Factor	(=) [itres	ner 1 Well	Volume	h = height of water column in cm			
		(-) Wai m (-)	- vvalc	3.305	m (x	1.9	12	(=) _	6	.478	L				
Depth to	product:	14.0		1.3						fied with B	1 11	NY)			
D opar to							-								
		00:1		1 - "		ater Qual	ity Parai	neter	S	Dump !	ntaka Dan	th (mhtan):			
	purge time	1		1	ng purge ti		Darland				esta da se estada de la	th (mbtoc):			
Litres	Time	PH	Temp		ond S/cm I	DO mg/L	Redox mV	C10		1	Comments				
20	08:55									Mount	turbig	I no teleur burged dry .			
36	09-00						T)		- 1	become	in Clou	dy to clear after - 231.			
50	09:05									purged	And dec	ANDTHEN ISC. 1			
50 (palo	09:10				t						-	alans.			
												~ 10 well volumes			
							*			Ver	doped				
ж												II.			
				7						, a					
	*p	H, temp, co	nd readings	not necess	ary if well is	purged dry	Examp	le Cor	nmer	nts: clear / slight o	slightly clou dour / odo	udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth			
[6]		tal Well Vo				25 7	Sample	timo			Contai	iners used			
40		tual amount	of water pric	r to sampli			250					A			
	100000	/minute			Did fiel	d paramet	ers stabilis	e?	/ N	N (NA)	Was the	well dry purged? N			
						Field Q	C Check	s			11				
Vas pre-cle	eaned sam	pling equip	ment used	for these	samples?	Ç.	1	N	-			9			
Vas pre-cle	eaning sam	pling equip	ment prop	erly prote	cted from	contamina	tion? Y	N			¥6	1 27			
	nentation of						Y	- N	NA			81			
	ibbles pres				2		Y	N	NA	ST		e 2			
	e for metals	4.8					Y	N	NA		77				
	ample colle				4		Y	N		Duplica:	te sample	ID			
	nk collected						Y	N		Rinsate	blank ID) (I)			



Val	DEVE	905	MENT		Job I	nformatio	n						
Date: 10	1 -					Time:	arrive	2:20	M.	depart 3:40			
Project Nam	ie: SYM	PHON	M			Projec	t Numbe	r: 022 U	198				
Site Location			1			Samp	ler: 17	1					
Well ID: L		103	•			Weath	ner: He	STICL	BART	-W1~101.			
					Eq	uipment		NIV. II.					
Water qualit	y equipmen	t description	on:			Int	erface pr	obe number:	Coast	zuh 1844261 30n			
Purging equ (please cirlo		Bailer t		Plastic Peristaltic	Teflon	ersible	Micro-	purge	Amazon	Other:			
			0	Well Gaug	ing and P	urge Volu	ıme Cal	culations					
Casing Dian	neter	2	25mm 50	mm 100mr	m 125mm	150mm	200mr	n 250mm	300mm	Volume of water in well / V			
Conversion (volume in facto		8	0.49	.96 7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159			
5.079	Total Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
		F			Water Qua	ality Parar	meters	张墨斯 拉					
Beginning p	urge time:			Ending purge	e time:			Pump	Intake Dep	oth (mbtoc):			
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdor <10cr		comments				
4.5.1	130m						_	ans	- Ambre	sed de to usuffu			
								water	-3. (.	4'			
11 17	3145	_						- wow t	woods	ydean with on-going			
								1)'				
3. 1	ian							the al	ove	*			
1 1	1:15						~	750	Jaal	e.			
0.15	2.10-	_						As a	hae				
0.85	3:20				Jam	15							
				Men	1000								
			74	Emo	100	DE	LOCI	> .					
8.7 €	*pH,	temp, cond	readings not	necessary if we			ple Com	ments: clear	/ slightly clo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
14.5	2 1	l Well Vol						slight	, odour / ode	out / strong odour / drawdown depth			
45.196	Actua	I amount of	water prior to	sampling		Sample	e time _		_ Conta	ainers used			
	110000000000000000000000000000000000000	rate ninute		Did	field param	eters stabil	i <u>se?</u> Y	N NA	Was the	e well dry purged?			
				Andel Table	Field	QC Checl	ks			· · · · · · · · · · · · · · · · · · ·			
Was pre-cle	aned sampli	ng equipn	nent used fo	r these sampl	les?		YN						
Was pre-cle	aning sampl	ing equipr	ment properl	y protected fr	om contamir	nation?	Y jn/						
Was docume	entation of e	quipment	conducted?				YIN	NA					
Were air but							11	NA					
Was sample								NA					
Duplicate sa	_						YN		ate sample	e ID			
	k collected?		**************************************				YN	1000 Page 1	te blank ID				



NEU	- DOVE	LOPME	THE		Job I	nformatio	on						
Date: 10	16 13.					Time:	arrive	3:45	>	depart			
Project Na	ame: Syr	Mende	1		*	Projec	t Numbe	r: 0271	4198				
Site Locat	tion: LIDE	ELL_	CO.			Samp	ler:	H					
Well ID:	10 _ M	404				Weath	ner: cu	EAR+	T TOH	MINDY.			
					Eq	uipment							
Water qua	ality equipme	ent description	on:			Int	erface pr	obe number:	ممط	ech 1P 4261 30m.			
Purging e (please ci	quipment: rlce)	Bailer t Pump t	2.65.55	Plastic Peristaltic	Teflor	ersible	> _{Micro-}	purge	Amazon	Other:			
				Well Gaug	ing and P	urge Volu	me Cal	culations					
Casing Di	ameter	2	25mm (50r	mm 100mr	n 125mm	150mm	200mn	250mm	300mm	Volume of water in well / V			
Conversion (volume in factor)			0.49 1.5	96 7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres			
5.0	Total Well Depth (-) Water level (=) Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) 5.30 L Depth to product: (=) Mater Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) 5.30 L												
	Depth to product: Water Quality Parameters Water Quality Parameters												
Beginning	purge time:			Ending purge				Pump	Intake Dep	oth (mbtoc):			
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdov <10cn	vn C	omments				
2	3:55	<u></u>		ALL PARTIES	-	ANTONIA		> hown	countrational trying about purper				
15	4.05	6					-	P As	n bour	100			
121	4.15								Jame	,			
05	4.20								also	0.			
Q. J.	120	0010	- 6	TES.	1,	P		/ 2 .					
3	4.55	1650	VOX)	1000	3117	71		Som	whento	id, dear with def			
11-	5:06	-10	0-1	CITCO	· M	amo	000	- no oc					
21	11/12/13	(>	050	٥٨١١٨٥	16:1)	01-00	ROUL	charol	7/100	dan.			
35	2:15.							Bould	in tub	dity; deary			
7	8.25	<						400	L	,			
15	1 0	H temp cond	readings not i	necessary if we	ll is purged di	Exam	ple Com	nents: clear	slightly clo	oudy / turbid / very turbid / no odour /			
201	Total Well Volume Actual amount of water prior to sampling Plow rate mL/minute Did field parameters stabilise? Y N NA Was the well dry purged? Y N Example Comments: clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / Signification Clear / slightly cloudy / turbid / very turbid / no odour / slightly cloudy / turbid / very turbid / no odour / slightly cloudy / turbid / very turbid / no odour / slightly cloudy / slig												
					Field	QC Checl	ks						
Was pre-c	leaned sam	pling equipn	nent used for	these sample	es?		YN		0 = 0				
1990				protected fro		nation?	Y N						
	mentation of			en veneraliset er			YN	NA		1 1			
			at time of coll	ection?				NA					
Was samp	ole for metals	s field filtere	d prior to pre	servations?			YN	NA					
Duplicate	sample colle	eted?					YN	 Duplic	ate sample	e ID			
Rinsate bl	ank collecte	d?					Y N	Rinsat	te blank ID				



W.	sell!	Deve	lopre	- Le		Job I	nformatio	n				
Date: 12	-112/	3					Time:	arrive '	7.15	₩.	depart 10 ZOAM	
Project Na	ame: 🏂	IMPHO!	PC.				Projec	t Number:	0224	198		
Site Locat	tion: L	DOEL	LO				Samp	ler: 3H		~~~		
Well ID:	LO-6	1W05					Weath	ner: UE	ARA	HOT.		
						Eq	uipment					
Water qua	ality equip	ment desc	ription:				Int	erface prob	e number:	حسله	wh 1P#4261 30m	
Purging e (please ci			ler type: mp type:	Plastic Peristal	ltic	Teflon	ersible	Micro-pu	rge /	Amazon	Other:	
				Well	Gauging	g and P	urge Volu	me Calcu	lations			
Casing Di	ameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V	
Conversion (volume in fa			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres	
Total Well Depth (-) Water level (=) Water Column radius in cm h = height of water column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume												
Depth to product: m Product Thickness: m Verified with Bailer: N												
Water Quality Parameters												
Beginning	purge tir	ne:		Ending	purge tir	ne:			Pump	Intake Dep	oth (mbtoc):	
Litres	Time	PH	Temp o	C Con		DO ng/L	Redox mV	Drawdown <10cm	С	omments		
7	89.2	.1 -							Hydr	ecolo	Anom nestry clos	
3	9:40)							hydro		odaxidea villagi	
									WITCA	uno to	remove sedined but lift	
								_	pase	rf		
9	9.56) ·							As ak	are,	dage	
O G	Dan	۲ ا										
0.25	(0,0°	5	300				REDAL					
			or c	y ARC		> Bn	···					
		100	300 K	15100	2010	ORY	!					
			عن ا	XT		ν,						
		*pH, temp, o	cond readings i	not necessar	ry if well is	purged dr	Exam	ple Comme			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth	
		Total Well		- 4 11			Sample	time		Conta	ainers used	
***************************************		Flow rate mL/minute	nt of water prio	r to sampling	-	d parame	eters stabili		N-NA		well dry purged?	
Field QC Checks												
Was pre-c	leaned sa	ampling equ	uipment used	for these s	samples?		, L	YN	- Carles and Carles an			
Was pre-c	leaning s	ampling eq	uipment prop	erly protec	ted from	contamir	nation?	YN				
Was docu	Was documentation of equipment conducted?											
Were air b	Were air bubbles present in vials at time of collection?											
Was samp	le for me	tals field filt	tered prior te	preservatio	ons?		\ \	Y N NA	\			
Duplicate :	sample c	ollected?						YN	Duplic	ate sample	e ID	
Rinsate bla	ank colle	cted?					-	YN	Rinsat	e blank ID		



				0								
W	A WE	alan	one	¥	Job	Informatio	n	La Lace				
Date: [2	-12	3	1			Time:	arrive	10:25	547	depart		
Project Na	ame: 54	MPHOR	14			Projec	t Number:	0221	4198			
		DELL.					ler: TH					
	LO_M					_		Tacu	EAR			
				5000	F	quipment			A LIVE			
Water qua	ality equipm	ent descripti	on:	# 16341.49			erface pro	be number:	Cast	-LIP#4261 30-		
	quipment:	Bailer t	type:	Plastic	Teflo	n						
(please ci	rice)	Pump t	type:	Peristaltic	Subn	nersible	Misro-p	urge	Amazon	Other:		
A SEE TO				Well Gau	iging and F	Purae Volu	me Calc	ulations				
Casing Di	iameter		25mm 50	mm 100r	I	sample and an arrange	200mm	250mm	300mm	Volume of water in well / V		
Conversion			1	.96 7.8		17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
(volume in fa	war with	(-) Mater)		17.7	01.4	40.1	70.7	P = 3.14159		
Total Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
$\frac{4.15. \text{ m(x)} \cdot 1.96}{} = 8.134 1$												
Depth to product: m Product Thickness: m Verified with Bailer:												
					Water Qu	ality Parai	meters					
Beginning	purge time	:		Ending pur	ge time:			Pump	Intake Dep	oth (mbtoc):		
Litres	Time	PH	Temp ∘C	Cond mS/cm	DO mg/L	Redox mV	Drawdow <10cm		Pump Intake Depth (mbtoc): Comments			
13	10.43	_						hydroc	u trub	clife nallowtitated		
5.5.	10.50							with	ofging	dity, well spitituded		
0	10 00							1,	Looks			
5	nam.							Ass		, tubichty not clear		
8.5	11:15		-					100	nove.)		
8	11125		-					1	bone -	tubidity slightly d		
2.	1.30	1						AL	above -	TO PIN		
2	-						_	Asa	L- 0	()		
3	11:40.								chat	, adau,		
3	11:45		-					1	12,000	reclarge forment		
4	100	OF ACTION AND ADDRESS			VIL III S.	Exam	ple Comm	ents: clear	/ slightly cla	oudy / turbid / very turbid / no odour /		
<i>r</i> ~			lume CC		vell is purged of		SPEC		odour / ode	our / strong odour / drawdown depth		
56	Ac Ac	tual amount o	f water prior to	sampling	7 6 well	Sample			_ Conta	ainers used		
		ow rate L/minute		6	id field paran	neters stabil	ise?	N NA	-Was the	e well dry purged?		
					Field	QC Check	ks					
Was pre-c	cleaned sam	pling equipr	ment used for	r these sam	ples?		YN					
Was pre-cleaned sampling equipment used for these samples? Y N Was pre-cleaning sampling equipment properly protected from contamination? Y N												
952	40.00		conducted?			1		IA	_			
			at time of col			1		IA.				
	• • • • • • • • • • • • • • • • • • • •		ed prior to pre			─ \	2) 11000 (30	IA				
	sample coll	,	o poor to pre	Jon Valions :			YN		ate sample	a ID		
		-		£35.64		-	YN	90000 V	1150 4 800 - Marias			
minsate bi	lank collecte	u :				- 17	IN	Killsa	te blank ID			



WEL	WELL DEVELOPMENT Job Information												
Date:	2-12-11	3		-	-	Time		rrive	E: 104		depart # 8150A		
Project N	lame: Sy	NPTWN	4			Proje	ct Nu	mber:	022410	8			
1	ation: Con					Samp	oler:	TK					
Well ID:		MWOR)			Weat	her: 🧦	her	\$ cue	78.			
			The second secon		Eq	uipment					·		
Water qu	ality equipm	ent descrip	tion:		•			e prob	e nümber:	Goorka	L 1P#4261 30m		
Purging e	equipment:	Bailer	type:	Plastic	Teflon								
(please c		Pump	type:	Peristaltic (Subme	ersible	Mic	сго-ри	ırge <i>i</i>	Amazon	Other:		
		,	^	₩ell Gau	ging and Pu	ırge Volu	ıme (Calcu	ılations				
Casing D	iameter		25mm 60	mm 100m	ım 125mm	150mm	200)mm	250mm	300mm	Volume of water in well / V		
Conversion (volume in fa			0.49 1.	96 7.85	5 12.3	17.7	31	.4	49.1	70.7	= Prxrxh V = volume in litres		
TotaLWell		(-) Wate	r level	/ (=) Wate	er Column	m					P = 3.14159 r = radius in cm h = height of water column in cm		
1.00	Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
	- x= 61 \)												
Depth to p	Depth to product: m Product Thickness: m Verified with Bailer:												
Water Quality Parameters													
Beginning	purge time:			Ending purg	e time:				Pump li	ntake Dep	th (mbtoc):		
Litres	Time	PH	Temp ∘C	Cond mS/cm	DO mg/L	Redox mV		vdown Ocm	Co	omments			
80L	8:15					***************************************			vella	tale	dishait hido cabou oba		
60	8:35	-						→	As al	soré			
				8							A		
			-18/8/2		4								
		0.0	PCO.	المناكم	- C)_							
	Q'	N/a	EUNE	70	(X)								
		· <	2	()	9								
		_ 10 m		700									
		ι	100 d	50									
											·		
·	*p1	l, temp, cond	l readings not n	ecessary if we	ell is purged dry	Exam	ple Co	mmer	nts: clear / s slight c	slightly clou dour / odou	dy / turbid / very turbid / no odour / ur / strong odour / drawdown depth		
K-111-7-11-11-11-11-11-11-11-11-11-11-11-		al Well Vol	ume water prior to s	sampling		Sample	time			. Contai	ners used		
	Flo	w rate /minute	water prior to		field paramet	ers stabilis	se?	<u>Y</u>	NA NA	Was the	well dry purged (N		
					Field O	C Check	s	***************************************					
Was pre-cle	eaned samn	ling equipm	ent used for	these sample			Y N						
						ition?	/ N	1					
	/as pre-cleaning sampling equipment properly protected from contamination? Y N N Y N NA												
			t time of colle	ection?			N						
			prior to pres				_	_		2			
	ample collec					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			J	te sample	ID		
-	arripic conce					L _Y	N	1	-	blank ID			



1-1	1117			-1		lak I.	sformati-			1023637				
Date: 1	M Ken	<u>lek</u>	bue	♥	2-	ıl doc	nformatio	arrive			depart			
	<u> </u>	<u>13</u>						Project Number: 0224 198						
Site Local							Sampler: TU							
	LO _N	DELL		·····			Weather: Hot + Clean							
well ib.		wi.		en seesse sees (c		ng Carlos and August Sens Proce	TYGAU							
						Eqi	uipment							
Water qua	ality equipme	nt descri	ption:				Inte	erface pro	be number:	Ceob	W 18 #1261 30_			
Purging e (please ci	quipment: irlce)	Baile	er type:	Plast	tic	Teflon								
	,	Pum	p type:	Peris	taltic	Subme	ersible	Micro-p	urge	Amazon	Other:			
				We	II Gaugii	ng and Pu	urge Volu	me Calc	ulations					
Casing Di	iameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversio			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres			
Total Well	Depth	(-) Wa	ter level	(=) Water =)	Column		<u>'</u>			P = 3.14159 r = radius in cm			
5.78	m entor	1 (-) <u>2</u>		m(er Column	=) <u> </u>	x) Convers	m sion Factor	(=) itre	s per 1 Wel	l Volume	h = height of water column in cm			
2001-	y of we	. ("Ik	3	5-17 (m ((x) 1-	96	(=) <u>(</u>	s per 1 Wel 12 .	L				
Depth to p	product:	~	m	Prod	uct Thickn	iess:	<u></u> m	Ve	rified with E	ailer: Y	 N			
ASSESSED DA		44333334		1 : A43.6	480 4 0 4 9 0 (Vater Qua	lity Davas		nika kanta					
Parista.				T		AND DESCRIPTION OF STREET	iily Farai	ileters	Dumn	Intoko Don	th (mhtan)			
	purge time:	ı	T		ing purge	T	Dodov	D			oth (mbtoc):			
Litres	Time	PH	Temp		ond S/cm	DO mg/L	Redox mV	Drawdow <10cm		omments				
UL	2.85	. ,		_			-		Enlin	ented	botton of well willings			
174	1:03								with	brims to	renave sediment			
									Zas	ملح	ne , , ,			
12,	1.13	-				254)———— i	morecale	» ada	subdut Vinel	of taked with purps			
12_	1:20				/K1>	(1)		ı	مي ه	sisone.	0 1 12			
G	127			$\supset \mathcal{J}$	CV)	120	\sim		STOP	or brok	to get another			
12.	1:31		~~0	W	101	<u>ک</u>		•	bran	tribid	mell gitudo, improca			
C	1230		DA		٧, ١		2/	·	As al	one				
				1 35 EV	15 10 1	(V)								
			710	2 /	D.	>>								
	*p <i>l</i>	H, temp, co	ond reading	s not neces	ssary if well	js purged dry	Exam	ple Comn			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
Sh	, Tot	al Well \	/olume											
O()	~~	ual amoun w rate	t of water pr	rior to samp	oling		Sample	time			ainers used			
		/minute			Did fi	ield parame	eters stabili	se? Y	N NA	Was the	well dry purged? Y N			
	100	1.677F		Fer (4) (6) 433 ma (4) (4)		Field 0	QC Check	(S						
Was pre-c	leaned samp	oling equi	ipment use	ed for thes	se sample:	s?		YN						
Was pre-c	cleaning sam	pling equ	ipment pro	operly pro	tected fror	m contamin	ation?	YN	//					
Was docu	mentation of	equipme	ent conduc	ted?				V N	NA					
	oubbles prese				on? _			Y N I	۱A					
	ole for metals						/		۱A					
	sample colle		ų ·		•		-	YN		ate sample	e ID			
			_	•			-							

Groundwater - well sampling data form,cdr



W	ell'	were	290	労 る		Job	Informa	ion						
Date: 12		3					Tim	e:	arrive	2:30	~~	depart 3:10pm		
Project Na	ame: SV	MP 40°	34				Proj	Project Number: 0224198						
Site Locat	ion: LK	DELL	_				San	Sampler: TH						
Well ID: (10-M	116					Wea	ather:	tho	Train	EPQ_			
						E	quipmen	t .	talia Cognici					
Water qua	ility equipr	ment descrip	otion:		-		ı	nterfa	ace pro	bbe number:	Cash	ell 1P\$4261 30m		
Purging ed (please cir			r type:	Plasi Peris	tic staltic	Teflo Subr	nersib)e	N	/licro-p	ourge /	Amazon	Other:		
				We	II Gaug	ing and I	Purge Vo	lume	e Calc	culations				
Casing Diameter 25mm 50mm 100mm 125mm									200mm	250mm	300mm	Volume of water in well / V		
Conversion Factor 0.49 1.96 7.85 12.3						17.7	;	31.4	49.1	70.7	V = volume in litres P = 3.14159			
Total Well Depth (-) Water level (=) Water Column												r = radius in cm		
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												n - noight of water column in cill		
$\frac{2.615}{m(x)} m(x) = \frac{1.16}{1.16} $											-KM			
Depth to p	roduct:		_ m	Prod	uct Thick	kness:	m		Ve	erified with B	ailer: L_'	<u>ישו</u>		
						Water Qu	ality Par	ame	ters					
Beginning	purge tim	e:		End	ing purge	e time:				Pump I	ntake Dep	oth (mbtoc):		
Litres	Time	PH	Temp		ond S/cm	DO mg/L	Redox mV		rawdow <10cm	ı	omments	. 1		
7	2:30	_						+	_	adou	ney two	bidity, hydro controls		
	2:35.							士		As abo				
0 ,5.	245	-						+			are_	•		
0.15	2:55									11	11			
0.05	3:05		_							, K	11			
									·····					
									······································					
								_						
		1												
		*pH, temp, co	nd readings	not neces	ssary if we	ell is purged o	dry Exa	mple	Comn			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
		otal Well V		ior to samp	oling		Samı	ole tin	ne		Conta	ainers used		
		low rate	•	,	- Did	field parar	neters stal	oilise	? Y	N NA	Was the	well dry purged? Y N		
ng ing programme)			s, gyggerage		**************************************	C. Sweet V 1 1 1 10	1.176m	(April Associa		will general to the			
							QC Che	Classing?						
·		mpling equi	•		•		inotia-0	Y	N					
•	Was pre-cleaning sampling equipment properly protected from contamination? YN Was documentation of equipment conducted? YN NA													
					nn? ≃			Y	\vdash					
	,	esent in vials als field filte		and the same of th				Y	-	NA NA				
Duplicate s			ou prior to	, preserv) 611UD			Y	N		ate sample	, ID		
Rinsate bla	,	100000						' Y	N	·	e blank ID			



/ WEU	L DEWERY	56 Binds	. 7		Job	Informati	on						
Date:	13/12	13				Time	Time: arrive 7:1540 depart 7:1540						
Project N	Name: SYA	1840124				Proje	Project Number: 022448						
Site Loca	ation: LIO	ELL				,	Sampler: TH						
Well ID:	LO_1	1W17_	_			Weat	her: く	EART	FINE				
					E	quipment							
Water qu	ality equipm	nent descript	tion:			ln	terface pr	be number:	Cich	ed 1P#1261:30m			
Purging e (please c	equipment: cirlce)	Bailer Pump		Plastic Peristaltic	Teflo Subr	nersible	Micro-	ourge	Amazon	Other:			
			<i>D</i>	Well Gau	ging and F	Purge Volu	ıme Cal	culations					
Casing D	lameter		25mm 50	min 100m	nm 125mn	n 150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversion	on Factor		0.49 1	.96 7.8	5 12.3	17.7	31.4	49.1	70.7	V = volume in litres			
Total Well Depth (-) Water level (=) Water Column r = radius in cm										· ·			
	Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume												
Denth to a	product:	r	m .	Product Thic	kness:	m	Ve	rified with B	ailer:				
Doparto	P104401.												
5				Ending pure	Water Qua	ality Parai	neters	Pump	Intoka Dan	oth (mbtoc):			
	purge time	PH	Temp °C	Ending purg Cond	DO DO	Redox	Drawdow		omments	in (motoo).			
Litres	line	FII	remp -C	mS/cm	mg/L	mV	<10cm			by not ensited with			
106	748							grup	to rem	orie sedinal, monopolo			
								beret	- pres	entiturpidetation of with			
101	7.25.	<u> </u>						As a	أصمم	notocator adam tens			
6.5L	7:30			-				Asab	pue e	ippoint.			
5·5	7135.							As d	Jowe	1 1 1 1000			
8	7:42							As al-	more.	- tusoury orange orange			
1					CIME	L 00	10.12	A3	ass	<u> </u>			
		71	9 ME	ولحار	2	D KON	1000	1					
) Est	FL OP	<u>=1</u>				· · · · · · · · · · · · · · · · · · ·			
	*pl	H, temp, cond	readings not r	necessary if we	ell is purged dr	Exam	ole Comm	ents: clear / slight o	slightly clou	udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth			
40	Tot	al Well Volu	ume			Sample	time		_ Conta	iners used			
	Flo	uai amount of w rate /minute	water prior to		field parame			N NÀ	Was the	well dry purged?			
					Field (QC Check	s						
Was pre-cle	eaned samp	ling equipm	ent used for	these sample			N						
				protected fro		nation?	N						
·	nentation of					-	/ N N	A					
Were air bu	ıbbles prese	ent in vials a	t time of colle	ection?		-	NN	A					
as sample	e for metals	field filtered	prior to pres	ervations?		Ŋ	N N	A					
Duplicate s	ample collec	cted?				Υ	N	Duplica	te sample	ID			
Rinsate bla	nk collected	?				Y	'N	Rinsate	blank ID				



		13	ELON	- CNI		Job II	Time:	896 L. H.	10 U	: 35	1	depart 4.45.			
	12/12	MENON	ч					Time: arrive 4:350— depart 4:45. Project Number: 0224 198							
							-	Sampler: TK							
Site Locati Well ID:							Weather: HOT + CLEAR								
11011101	LO .		1 (01/2					• • • •							
poreliktigo						Equ	uipment		yaray.		0 1	\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
Water qua	lity equip	ment descr	iption: -				Inte	erface p	robe n	umber:	Ces	tech 1P#4261 30m			
Purging ed (please cir			er type: np type:	Plast Peris	taltic	Teflon	ersible	Micro	-purge	e /	Amazon	Other:			
				We	II Gaugin	g and Pu	ırge Volu	me Ca	lculat	ions					
Casing Dia	ameter		25mm	50mm	100mm	125mm	150mm	200m	ım 25	50mm	300mm	Volume of water in well / V			
	Conversion Factor (volume in factor L/m) 0.49 1.96 7.85 12.3 1							31.4	4	9.1	70.7	= Prxrxh V = volume in litres			
		(-) Wa _m (-)	iter level	(=) Water (=) 7.1	Column						P = 3.14159 r = radius in cm			
-7(.00	3 (.	_m (-)	Wate	m (er Column			m ion Factor	(=) Lit	res per	ւ⊐ Well	Volume	h = height of water column in cm			
		V Production		7-(3	m (>	()	ion Factor	(=)	15	13					
Depth to p	roduct: _		_ m	Prod	uct Thickne	ess: _	<u>_</u> m	9	Verified	d with B	ailer:	(N)			
					W	ater Qua	lity Parar	neters		+123	P. Carlot				
Beginning	purge tin	ne:		Endi	ing purge t	No. of Concession			23/3/3	Pump I	ntake Dep	oth (mbtoc):			
Litres	Time	PH	Temp		ond	DO	Redox	Drawd	own		omments	200 (200 (200 (200 (300 (300 (300 (300 (
						mg/L	mV	<10c	m	44.	done	grantenbully at ste			
120L.	4:30	44.4	5.			105).			Lea	fine	on the briding with or			
					00	hon				1					
				NE	55 *				_	1,100/2,100	100 AV AV	MANG (NO MORE CONTAINE			
				SOLA.					(Qui	chr	ECHARGE			
		a w	VV	0	S/cm				_						
	_	7	500	32	260				_						
		0	01	100			- 1		_						
			De						_						
									_						
				7			1	E 50		500 10		727 107 11700 F			
		*pH, temp, o	ond reading	s not neces	ssary if well i	s purged dry	Exam	ple Con	nments	s: clear / slight	slightly clo odour / odo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
		Total Well					Sample	time			Conta	ainers used			
		Actual amou	nt of water p	rior to samp		2000			/ N	NA.					
		mL/minute			Did fie	eld parame	ters stabili	se? Y	N	NA	Was the	e well dry purged? Y N			
						Field C	QC Check	s							
Was pre-cl	eaned sa	mpling equ	ipment use	ed for thes	se samples	?	50	YN							
Was pre-cl	eaning s	ampling eq	uipment pr	operly pro	tected from	n contamin	ation?	Y N							
Was docum	mentation	of equipm	ent conduc	ted?				YN	NA						
Were air bu	ubbles pr	esent in via	als at time of	of collection	n?		Y N	NA							
Was sampl	le for me	als field filt	ered prior t	o preserv	ations?			YN	NA						
Duplicate s	sample co	ollected?						YN		Duplic	ate sample	e ID			
Rinsate bla	insate blank collected?										e blank ID				



WEU	CDEVE	108ME	JHJ.			Job I	nformatic	n				
Date: 🤊)					Time:	arriv	= 11 A~		depart	12.30
Project N	ame: Syn	Rtvon	1				Projec	t Numbe	er: 022	4198		
Site Loca	tion: 🕠 Oʻ	Deu.	صہ				Samp	ler: T	rl			
Well ID:	10-M	W-19	י				Weath	er: V K	Ttu	EAR +	· wn	٥٧.
						Eq	uipment					
Water qua	ality equipme	ent descrip	otion:	<u> </u>			Inte	erface pi	obe number	: Ceste	مك ياد	? 426130_
Purging e (please c	equipment: irlce)		r type: o type:	Plast Peris		Teflor	ersible	Micro	-purge	Amazon	C	Other:
	n og englig Helskill (f.)			We	II Gaugir	g and P	urge Volu	me Cal	culations			
Casing D	iameter		25mm	50mm	100mm	125mm	150mm	200mr	m 250mm	300mm	Volume = Pr x r	e of water in well / V
Conversion (volume in fa			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	V = volu	ume in litres
Total Well Depth (-) Water level (=) Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) Water Column (x) Conversion Factor (x) Conversion Factor												
Depth to	product:		_ m	Produ	ict Thickne	ess:	m		erified with f	Bailer:'		
					W	ater Qua	ality Parar	neters				
Beginning	g purge time:			Endi	ng purge t	ime:			Pump	Intake Dep	oth (mbtoc	·):
Litres	Time	PH	Temp		ond S/cm	DO mg/L	Redox mV	Drawdo <10cı		Comments	` '	
60	11:05 -	11:14					**************************************		Dark 1	nen cho	moral co	the source
									adav	Perso	子。丁	Post inspection.
									ours:	esent a was		becquent inspect
									cont.	m'en-	· · · · · · · · · · · · · · · · · · ·	
100	11:30-1	1:45,							v∞ 00	س. سما	hnor (metoner tubode
									-100	ilon	of to	~~ [.
80	12:-12	lo				5/7			_ No @	don.	جلساء	at orien
					200	1	00)	rec	due si	م رد	issue with
				e	' است		9/				5,	
		-	> 60	سرهم	6	61						
	*p	H, temp, co	nd reading	s not neces	sary if well	is purged d	_{ry} Exam	ple Com				d / very turbid / no odour / g odour / drawdown depth
		tal Well V		rior to samp	ling		Sample	e time _		Conta	ainers use	ed
		ow rate ./minute			Did fi	eld param	eters stabili	ise? Y	N NA	Was the	e well dry	purged? Y N
					- H	Field	QC Checl	(S				
Was pre-o	cleaned sam	pling equi	pment use	ed for thes	e samples	?		Y N				- A Color of the C
Was pre-c	cleaning sam	pling equi	ipment pro	operly prot	ected fron	n contamii	nation?	Y N				
Was docu	ımentation o	f equipme	nt conduc	ted?			-	Y N	NA			
Were air b	oubbles pres	ent in vial	s at time o	of collectio	n?			Y N	NA			
Was sam	ple for metals	s field filte	red prior t	to preserva	ations?			YN	NA			
Duplicate	sample colle	ected?						Y N	 Dupli	cate sample	e ID	
Rinsate b	lank collecte	d?						YN	Rinsa	ite blank ID		

Groundwater - well sampling data form.cdr

11/0



EKWI						51	2 13	-	NO	GATI	C LOVER INSTALLA			
WELL	DENE	LOPMA	THE	Tin.		Job	Information							
	12 13						Time:	arrive	8.15	m	depart			
Project Nar	me: SMM	(PHON	M				Projec	ct Number:	0224	198				
Site Location	on: LIDE	DELL	(0	e.		Samp	Sampler: TH						
Well ID:	LO -M	W15.	88				Weath	ner: 👡	reas	ttim	territlent lights be			
						Ed	quipment							
Water qual	ity equipme	nt descripti	on:	-	_		Int	erface pro	be number:	Cao	ech IP 426/ 30m			
Purging eq (please cirl		Bailer t	*********		astic eristaltic	Teflo	n Sel	Micro-p	of we	sechi Amazon	Other:			
			A Company	1	Well Gaug	ing and P	urge Volu	ıme Calc	ulations					
Casing Dia	meter	2	25mm	50m	PROPERTY OF THE PROPERTY OF	Page Comment on the	Des Acordanies	200mm	27-11-11-11-11-11-11-11-11-11-11-11-11-11	300mm	Volume of water in well / V			
Conversion	Conversion Factor 0.49					12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres			
Total Well [Depth	(-) Water	level		(=) Water	r Column_					P = 3.14159 r = radius in cm			
-9.00	<u> </u>	(-) 2	673		(=) Water			- and an inches		r a v r c a concessor.	h = height of water column in cm			
			Wate	-32	m m	(x) Conve	16-	(=) Litre:	12º.148	l Volume L	_			
Depth to pr	roduct:		n		roduct Thick	52		0.000	rified with B	-4	, 0			
Берит ю рі	oddct.	A CONTRACTOR OF THE CONTRACTOR							au stacked	Oron and Promi				
						Water Qu	ality Para	meters						
Beginning	purge time:		_	E	nding purge	time:			Pump	Intake Dep	oth (mbtoc):			
Litres	Time	PH	Temp	∘C	Cond mS/cm	DO mg/L	Redox mV	Drawdowi <10cm		omments	1 1 1 1			
184	8.50m	~							Date	Drow	my wo solar			
	7AM								Asal	me), 100 0000			
	9:10 am	10						_	Date	Davo	tubichy, Not dean			
20	7.25A	^	7-						Dak	The same	tran troidity.			
	9.30m		2.00-						As Also					
	9.35			_						rive				
			2	Sin	EREA) De	26	PEO						
				,,,				()						
	*pF	H, temp, cond	d readings	s not ne	ecessary if we	ll is purged o	dry Exam	ple Comm			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
		al Well Vol		101000	90 S 10 C C C W C C C C C C C C C C C C C C C		Sample	e time	-	Contr	ainers used			
		ual amount o w rate	f water pr	ior to sa			150							
	0.000,0071	/minute			Did	field paran	neters stabil	ise? Y	N NA	Was the	e well dry purged?			
						Field	QC Chec	ks						
Was pre-cle	eaned samp	oling equipr	ment use	ed for t	hese sample	es?		YN						
Was pre-cle	eaning sam	pling equip	ment pro	perly	protected fro	om contam	ination?	YN						
Was docun	nentation of	equipment	conduc	ted?	21			YNN	IA					
Were air bu	ubbles prese	ent in vials	at time c	of colle	ction?			YNN	NA .					
	e for metals			-				YNN	IA					
	ample colle		7				-	YN	 Duplic	ate sample	e ID			
	nk collected						1	YN	Rinsa	te blank ID				



WELL	- DEVEL	SMEM			Job I	nformatio	n			
Date: 5	5/12/1	3 .				Time:	arrive	7:30	AM	depart 8:45
Project N	lame:	PLACH	•			Projec	t Number:	0224	198	
	ation: LIDD					Samp	ler: TH			
Well ID:	Lo-Mh	116				Weath	ner: Out	ERCAS	π.	
				6.4	Eq	uipment	FINST S			
Water qu	ality equipme	nt description	on:			Inte	erface prob	e number:	Cooler	h 18 #4261 3am
Purging 6 (please c	equipment: sirlce)	Bailer t		Plastic Peristaltic	Teflor	ersible	Micro-pu	orge hit	Amazon	Other:
			6	Well Gaug	jing and P	urge Volu	me Calcu	lations		
Casing D	iameter	2	50n	nm 100m	m 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fa	Conversion Factor (volume in factor L/m) 0.49 1.96 7.85 12.3							49.1	70.7	V = volume in litres P = 3.14159
Total Wel	II Depth 3 m	(-) Water (-)	Water Col	umn	(x) Conver	sion Factor	(=)		· L	r = radius in cm h = height of water column in cm
	inia ini				Water Qua	lity Parar	neters			
Beginning	g purge time:			Ending purg		,		Pump	Intake De	pth (mbtoc):
Litres	Time	PH	Temp ∘C	Cond	DO	Redox	Drawdown		omments	
On Marine			Service So	mS/cm	mg/L	mV	<10cm	Dak 1	anou-	tubidity no
20L.	7.55							odo		allayed to recla
51	8.05							1	bove,	tubodily dear withpulp
200	8:12AM							AS o	المحار	٠. '
1.5.	8:10 AM.							A5 0	400KE	×30
000-	8:15AM					_	-1	Ay all	are	*
		06/1	MARGE	0.0	PCNW	12.	1-1-1-	1		
		KECK	Tringe	· sho	WHO Y	~~~	510EQE			
		PEV	ELOPT	=()-						
	*pF	H, temp, cond	readings not n	ecessary if we	ell is purged di	ry Exam	ple Comme	ents: clear /	slightly clo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
29.	Actu	al Well Volu ual amount of w rate /minute	ume water prior to s	20 20	field param	Sample		N NA		e well dry purged? Y N
					Field	QC Check	(S			
Was pre-	cleaned samp	oling equipm	nent used for	these sampl	es?		YN			
Was pre-	cleaning samp	pling equipr	nent properly	protected fr	om contamir	nation?	YN			
Was docu	umentation of	equipment	conducted?				YNN	A		
Were air l	bubbles prese	ent in vials a	at time of colle	ection?			Y N N	A		
Was sam	ple for metals	field filtered	d prior to pres	servations?			Y N N	A		
Duplicate	sample colle	cted?					YN	Duplic	ate sampl	e ID
Rinsate b	lank collected	1?	64			33	YN	Rinsat	e blank ID)



WEL	LDEVE	LAPME	TZ-3			Job I	nformatio	n				
Date: \	6/12/12	>	E	- 17			Time:	ar	rive	8:30 A	۸.	depart 9:20 _{AM} .
Project N	Name: Lion	ou.	4			,200	Projec	t Nun	ber:	02241	198	
Site Loc	ation! SYM	PHON					Samp	ler: —	M	9		
Well ID:	LO_M	W17.		25		2	Weath	er:	the	51+	NCE	EASINGLY CHOUNG
				7		Eq	uipment					
Water qu	ality equipm	ent descrip	tion:	_			Inte	erface	prob	e númber:	Canto	ech IP 30m #4261.
Purging (please of	equipment: cirlce)	Bailer Pump	type:	Plast Peris		Teflon	ersible	Mici	ro-pu	rge /	Amazon	Other:
	14			Wel	I Gaugii	ng and Pu	ırge Volu	me C	alcu	lations		
Casing D	iameter		25mm	50mm	100mm	125mm	150mm	2001	mm	250mm	300mm	Volume of water in well / V
	Conversion Factor 0.49 (1.96)				7.85	12.3	17.7	31.4	1	V = volume in litres P = 3.14159		
Total Wel	Depth n	(-) Wate n (-) <u>3</u>	133	_ m (=	=) Water (925	m ion Footor	/=\	itron	nor 1 M/oll	Volumo	r = radius in cm h = height of water column in cm
×:			vvate	2.92	Sm()	x) Convers	on Factor	(=) _	sures	.733	L	
Depth to	product:		m	Produ	ct Thickn	ess:	m ⁻		Verif	ied with Ba	ailer: -	-(N)
						ater Qual						
Beginning	purge time:			Endir	ng purge t					Pump I	ntake Dep	th (mbtoc):
Litres	Time	PH	Temp	∘C Co	ond	DO mg/L	Redox mV	Drawo			omments	
29	9:03-9:	08 –						_	1	with o	incom	pupping minar hydroco
										edou	, pup.	2 stopped as well stopp
										produc	2	ofer - seemant reco
31	9.15	_				-			-	brownt	- bidit	Jappen Situation
4										purpin	Sipolo	and the and to deter
										Supu	alley of	timed
1				· ·	3					Roma	(d) A	odiane
		(0.0)	eud	our	2		OV).		1792		0
).	1	· (1) vs	00	Valy	10	TEL	N.				3	
			1/4),	X	3						
	*pF	f, temp, cond	l d readings i	not necessa	ary if well is	s purged dry	Examp	le Cor	nmen	ts: clear / s	slightly clou	udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth
in		al Well Vol					0	Manage C	9			iners used
a		ual amount of w rate	f water prio	r to samplir	ng		Sample t	ime .	1			
		minute			Did fie	ld paramet	ers stabilis	e?	N	NA	Was the	well dry purged? Y (N)
						Field Q	C Checks	;				
/as pre-cl	eaned samp	ling equipn	nent used	for these	samples'	?	Y	N				
as pre-cl	eaning samp	oling equipr	nent prop	erly prote	cted from	contamina	tion? Y	N		9		
	nentation of						Y	N	NA			
/ere air bu	ıbbles prese	nt in vials a	at time of	collection	?		Y	N	NA			
	e for metals						Y	N	NA			
	ample collec	/					Y	N		Duplicat	te sample	ID
	nk collected		//				Y	N		Rinsate	blank ID	11



LIZZIVI							4711			
W		evelq	ment		Job	Information	0.241			2502
Date: 21	A	1				Time:		13:2		depart 14:10
Project N	- 4		mphony					r. OU	H98	*
Site Loca	Statement of the statem	dell					ler: N			
Well ID:	LP-MW	01				Weat	ner: Fir	e		
					E	quipment				
Water qu	ality equipme	nt descript	tion:	14		Int	erface pro	obe number	S	4D 3954
Purging e (please c	equipment: irlce)	Bailer Pump		Plastic Peristaltic	Teflo	nersible	Micro-	purge	Amazon	Other:
				Well Gau	ging and F	Purge Volu	ıme Cal	culations	***	
Casing D	iameter		25mm 50	0mm 100m	nm 125mr	n 150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fa	on Factor		0.49 1	.96 7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres
Total Wel	I Denth	(-) Wate	r level	(=) Wat _ m (=) _ <i>b</i>	er Column					P = 3.14159 r = radius in cm
9,0	740 m	(-)3	-065 Water, C			_ m ersjon Facto	r (=\ itra	es ner 1 We	II Volume	h = height of water column in cm
			VValer C	855 1	n (x)	96	(=)	3.436	L	
Depth to	product:		m	Product Thic	kness:	m	V	erified with I	Bailer: Y	/ N
					Water Qu	ality Para	meters			
Beginning	g purge time:	13:2	5	Ending purg	Processing Process	14:00		Pump	Intake Dep	pth (mbtoc):
Litres	Time	PH	Temp °C	Cond	DO	Redox	Drawdov	200	Comments	5
	100			mS/cm	mg/L	mV	<10cn	hmoun	hubid	becoming cleaver About
20	13:30			-				Pura	day	becoming clearer offer tot after Do. Allowed to rec r RL Dry brown, turbed.
28 36 40	13:40							Allolm	d to rec	charge of hours tacked becoming
36	13:50			-				cleare	x after	41. Clearer. Purged dry
40	14:00			-				nurgea	another	Te. Charer, rongonong
				-						·×
				-						
				1						
								-		
						Evan	nole Com	ments: clear	/ slightly of	oudy / turbid / very turbid / no odour /
	*p	H, temp, cor	nd readings no	t necessary if v	vell is purged	dry	ipie com			dour / strong odour / drawdown depth
40		tal Well Vo	olume of water prior t	o sampling		Sampl	e time _		Conf	tainers used
	FIG	ow rate	, , , , , , , , , , , , , , , , , , ,		id field parar	motors stahi	lise? Y	N MA	Was th	ne well dry purged? N
	mL	./minute			id lield paral	netero otab				o was any pangoon O
					Field	QC Chec	ks			*
Was pre-	cleaned sam	pling equip	ment used f	or these sam	ples?		Y N			
Was pre-	cleaning sam	npling equi	pment prope	rly protected	from contan	nination?	Y N			
Was doc	umentation o	f equipmer	nt conducted	?			Y N	NA		
Were air	bubbles pres	ent in vials	s at time of co	ollection?			YN	NA		
Was sam	nple for metal	s field filter	red prior to p	reservations?	,		YN	NA		
Duplicate	e sample colle	ected?					YN	Dupl	cate samp	ele ID
						1	V N	Dina	ata blast 15	