## WELL COMPLETION DIAGRAM **PROJECT:** PG&E Topock IM Investigation (Phase 5 2004) **PROJECT NO:** 315024.IM.02 WELL NO: MW-40S LOCATION: I-40 median Topock, CA. - 1.5 miles east of Park Moabi exit, west of Bat Cave Wash crossing. DRILLING CONTRACTOR: WDC Exploration and Wells, Montclair, CA **DRILLING START DATE:** 05/02/2004 **DRILLING METHOD:** Rotosonic **DRILLING END DATE: 05/03/2004** LOGGER: B. Moayyad, R. Crotty WELL COMPLETION DATE: 05/03/2004 TOP OF WELL CASING (NGVD 29): 566.04 NORTHING COORDINATE (CCS DAND 27, ZONE 5): 2101861.86 **GROUND SURFACE ELEVATION (NGVD 29): 566.30** EASTING COORDINATE (CCS NAD 27 ZONE 5): 7614386.85 **FLUSH MOUNTED LOCKING WELL WELL CONSTRUCTION & SCREEN DETAILS WELL MATERIAL:** SCH 40 PVC **CASING DIAMETER: 2-in** SEAL TYPE: COATED BENTONITE PELLETS SCREEN LENGTH: 1. ALL DEPTHS ARE REPORTED AS 20-ft FEET BELOW GROUND SURFACE. SLOT TYPE: slot 0.02-inch PACK TYPE: #3 SAND **SUMP LENGTH:** 0.3-ft **GROUT** 106.5 TOP DEPTH OF SEAL SEAL TOP DEPTH OF FILTER PACK 111.0 TOP DEPTH OF SCREEN 115.0 CENTRALIZER DEPTH(S) FILTER PACK BOTTOM DEPTH OF SCREEN 135.0 BOTTOM OF WELL CASING 135.3 -135.3 BOTTOM DEPTH OF FILTER PACK 135.0 BOTTOM DEPTH OF BOREHOLE WELL DIAGRAM IS NOT TO SCALE CH2MHILL

PROJECT NAME. PROBE TOPICS MOLE DEPTING LOG SPOKE TO SAME TO THE STATE OF THE STATE	SHEET 1 of 9						PROJECT NUMBE			BORIN	G NUMBER: MW-40
PROJECT PANNE: PORTE TOPOCH 191 PORTE TO									2		14144-40
SURFACE ELEVATION: NORTHING (CCS NAD 27 25): BASTING (CCS NAD 27 25): BATTING COMPLETED (506.5) ft. Nb. 2.101.664.35 DP. 27.51.370.33 (1.56.5)									DRILLING CONTRAC		
Section 10 CC102 10  Section 2 10 CC102 10  Section 3 10 CC102 10  S				-				5):			
CC102 10  CC102 10  CC102 10  CC102 10  CC104 10  CC105 10  CC105 10  CC105 10  CC105 10  CC106 10  CC106 10  CC106 10  CC106 10  CC106 10  CC106 10  CC107 10  CC107 10  CC107 10  CC108	566.5 ft.	MSL		2,1	.01,864.35		7,614,370.53	-	04/26/2004 4:30	0:00 PM	
SAMPLE   SOLD DESCRIPTION   COMMENTS	DRILLING MET Roto	rhod: sonic					WATER LEVEL (ft):				continuous 4 core, 6 casing
SAMPLE  SOLI NAME, USCS SYMBOL, COLOR, MARKENLOGY, DERLING DESERVATIONS AND OPERATIONS, REPUBLICAL SAMPLING AND TESTING MOTES.  Lost setting conductor pipe  WELL GRADED SAND WITH CLAY AND GRAVEL (SW/SC) - discrepted by 1.2 5/84/2, 6/9% well graded subming sand, 3/9% with graded subming sand, 20% well sand samples subming sand samples subming sand samples samples subming sand samples samples samp			an Topo	ck, CA.	- 1.5 miles	east of Park Moa	abi exit, west of Bat Cave Was	sh	LOGGED BY: T. Hen	derson, S.	Cooper
WELL GRADED SAND WITH CLAY AND GRAVEL (SW/SC) - dix gravieth brn 25Y8472, 0f8x well graded subang sand, 37% well graved up to 3, 10% fines, schist, gneiss, dtz, no plasticity, wet.  CC102 10  SW/SC  - dark gray/sh brn 10YR4/2, graved up to 2, moist  - dark gray/sh brn 10YR4/2, graved up to 2, moist  - dark yellowish brn 10YR4/4, 79% well graded subang sand, 20%			SAMPLE				SOIL DESCRIPTIO	ON O			COMMENTS
WELL GRADED SAND WITH CLAY AND GRAVEL (SW/SC) - dix gravieth brn 25Y8472, 0f8x well graded subang sand, 37% well graved up to 3, 10% fines, schist, gneiss, dtz, no plasticity, wet.  CC102 10  SW/SC  - dark gray/sh brn 10YR4/2, graved up to 2, moist  - dark gray/sh brn 10YR4/2, graved up to 2, moist  - dark yellowish brn 10YR4/4, 79% well graded subang sand, 20%		INTERVAL	TYPE/ NUMBER	RECOVERY (ft)	USCS CODE	PERCENT CON	SOIL NAME, USCS SYMBOL, MPOSITION, GRADING, GRAIN ITY/CONSISTENCY, STRUCTU	COLOR, I SHAPE, RE, MOI	MINERALOGY, STURE.	DAILY ST	ART AND END TIMES DRILL RATE.
gray/sh brn 2.5YR4/2, 69% well graded subang sand, 30% well graded subang sand, 20% well graded subang faravel up to 0.5, 10% clay fines, slightly consolidated, matrix supported, dry  - light gray 10YR7/1, more gravel, cobbles up to 1.5	 - 5					Lost setting of	onductor pipe			lost sett	ting conductor pipe
- dark grayish brn 10YR4/2, gravel up to 2, moist  - dry  - dry  - dark yellowish brn 10YR4/4, 70% well graded subang sand, 20% well graded subang f gravel up to 0.5, 10% clay fines, slightly consolidated, matrix supported, dry  - light gray 10YR7/1, more gravel, cobbles up to 1.5  - CC104 10			CC102	10		grayish brn 2 graded suban	5.5YR4/2, 60% well graded suling to subrnd gravel up to 3, 10	ıbang sar	nd, 30% well	water a	dded to push core out
SW/SC  - dry  - cark yellowish brn 10YR4/4, 70% well graded subang sand, 20% well graded subang f gravel up to 0.5, 10% clay fines, slightly consolidated, matrix supported, dry  - light gray 10YR7/1, more gravel, cobbles up to 1.5						dark ors	10VD4/2 grayel up t	÷- 2 mo	:-1		
- dark yellowish brn 10YR4/4, 70% well graded subang sand, 20% well graded subang f gravel up to 0.5, 10% clay fines, slightly consolidated, matrix supported, dry - light gray 10YR7/1, more gravel, cobbles up to 1.5  - 30  - CC104 10	<b>20</b>		CC103	10	SW/SC		iyish Drn 1υτκ <del>4</del> /2, gravei up α	[O Z, 11101	ist		
30 CC104 10						20% well slightly co	graded subang f gravel up to onsolidated, matrix supported,	0.5, 10 <sup>o</sup> , dry	% clay fines,		
	30		CC104	10		- light gra	ıy 10YR7/1, more graveı, cobb	bles up t	o 1.5		
	35										СН2МНШ

SHEET 2 of 9						PROJECT NUMBI			BORIN	NG NUMBER:
						315024.1				MW-40
PROJECT NAM	F.					SOIL BORING HOLE DEPTH (ft):	LOC	DRILLING CONTRAC	TOR:	
PG&E Topo	ck IM I					268.0		WDC Exploration	and Wells	
SURFACE ELEN 566.5 ft.		N:		ING (CCS .01,864.35	NAD 27 Z 5):	7,614,370.53	Z 5):	<b>DATE AND TIME STA</b> 04/26/2004 4:30	<b>RTED:</b> 0:00 PM	<b>DATE AND TIME COMPLETED:</b> 05/01/2004
DRILLING MET Rotos						WATER LEVEL (ft):		DRILLING EQUIPME Standard Acces		continuous 4 core, 6 casing
	0 medi	ian Topo	ck, CA.	- 1.5 miles	east of Park Mo	abi exit, west of Bat Cave Wa	ash	LOGGED BY:	nderson, S	
		SAMPLE				SOIL DESCRIPTION	ON	I		COMMENTS
DEPTH BGS (feet)	(teet)   TYPE/   TYPE/   CODE   PERCENT C					SOIL NAME, USCS SYMBOL MPOSITION, GRADING, GRAI SITY/CONSISTENCY, STRUCTO	N SHAPE	DAILY S	G OBSERVATIONS AND OPERATIONS, TART AND END TIMES , DRILL RATE, LS, SAMPLING AND TESTING NOTES.	
 			L.		grayish brn 2	DED SAND WITH CLAY AN 2.5YR4/2, 60% well graded sing to subrnd gravel up to 3, icity, wet.	ubang sa	nd, 30% well		
40   45		CC105	10							
- 50 				SW/SC	- light bri	nish gray 10YR6/2, gravel up	to 1, und	consolidated, dry		
 		CC106	10		mineralo	more gravel, ang clasts of qt gy, more consolidated	tz, amphil	boles, green		
- 60 					- brn 10Y	(R4/3, dry to moist			driller i way th	reports drilling's been hard all the rough
 65 		CC107	10		- cobbles	up to 2				
  70					- less gra	ivel, dry				
										CH2MHILL

SHEET 3 of 9							PROJECT NU	MBER: 024.IM.02		BORIN	NG NUMBER: MW-40		
						S	OIL BORI		-		11111-40		
PROJECT NAMI	Ē:						LE DEPTH (ft):	ING LOC	DRILLING CONTRA				
PG&E Topo					) NAD 27 Z 5):	FΔS	268.0 TING (CCS NAD	27 7 5):	WDC Exploration  DATE AND TIME ST		s, Montclair, CA  DATE AND TIME COMPLETED:		
566.5 ft.	MSL			01,864.35			7,614,370.		04/26/2004 4:	30:00 PM	05/01/2004		
DRILLING MET Rotos						WA	TER LEVEL (ft):		DRILLING EQUIPM Standard Acce		continuous 4 core, 6 casing		
	) medi ssing.	an Topod	k, CA.	- 1.5 miles	east of Park Moa	abi ex	rit, west of Bat Cav	ve Wash	LOGGED BY: T. He	enderson, S	.Cooper		
		SAMPLE					SOIL DESCRI	IPTION			COMMENTS		
DEPTH BGS (feet)	(feet)   NI   NI   PERCENT CODE   PERCENT CODE						L NAME, USCS SYN ITION, GRADING, C CONSISTENCY, STR	GRAIN SHAPE.	MINERALOGY, STURE.	DAILY S	G OBSERVATIONS AND OPERATIONS, TART AND END TIMES , DRILL RATE, LS, SAMPLING AND TESTING NOTES.		
		CC108	10	SW/SC	grayish brn 2 graded suban qtz, no plastic	.5YR4 ng to s city, v	1/2, 60% well grac subrnd gravel up t	ded subang sa to 3, 10% fine	s, schist, gneiss,				
80		CC109	10		- W 1								
<b>85</b>	$/ \setminus$			GW/GM	10YR6/1, 50%	% wel		gravel up to 3.	<b>D (GW/GM)</b> - gray 5, 40% well graded ted, dry.				
- 90 		CC110	10		well graded a	ing to	with sand (Se subang sand, 20% medium plasticity,	% well graded		drillers	added water to get core out.		
95	$/\!\!\setminus$			SC	- light brn	nish gı	ray 10YR6/2, 20%	of sand, uncor	isolidated, dry				
100		CC111	10		fines, 20% high plast - sandier	% wel		to subang gra	avel up to 0.5,	_	Cr6+ sampling here. DD-100		
- 105		55111	10				, reddish staining, ed subang gravel ι	_	ded subang sand, clay fines, medium				

SHEET 4 of 9						PROJECT NUMBER:	•	BORIN	NG NUMBER:
						SOIL BORING LO			MW-40
PROJECT NAM	E:					HOLE DEPTH (ft):	DRILLING CONTRA		
PG&E Topo					4) NAD 27 Z 5):	268.0 <b>EASTING (CCS NAD 27 Z 5):</b>	WDC Exploration  DATE AND TIME ST		s, Montclair, CA  DATE AND TIME COMPLETED:
566.5 ft.	MSL			.01,864.35		7,614,370.53	04/26/2004 4:3	30:00 PM	05/01/2004
DRILLING MET Roto	<b>FHOD:</b> sonic					WATER LEVEL (ft):	DRILLING EQUIPMI Standard Acce		continuous 4 core, 6 casing
	0 med	ian Top	ock, CA.	- 1.5 miles	east of Park Mo	pabi exit, west of Bat Cave Wash	LOGGED BY:	enderson, S	.Cooper
		SAMPL	E			SOIL DESCRIPTION			COMMENTS
DEPTH BGS (feet)	INTERVAL	TYPE/ NUMBER	RECOVERY (ft)	USCS CODE	PERCENT COI	SOIL NAME, USCS SYMBOL, COL MPOSITION, GRADING, GRAIN SH SITY/CONSISTENCY, STRUCTURE, I	DRILLING DAILY S' REFUSAI	G OBSERVATIONS AND OPERATIONS, TART AND END TIMES , DRILL RATE, LS, SAMPLING AND TESTING NOTES.	
 					well graded a	AVEL WITH SAND (SC) - dk grand to subang sand, 20% well grand fines, matrix supported, medium pravel	ded subang gravel up		
					- low plas	sticity, moist			
		CC112	2 *		- slightly	coarser grained sand			
				SC	- clayey s	sand with gravel, wet		very w	et, drillers lost 2'
		CC113	8	30	- brn 7.5				
- 130 		CC114	4 10		_	ayish brn 10YR4/2, m-c sand, gnei rix supported, low plasticity, wet	ss, feldspar, green		
					- more cl	ay, moist			
-	X				- dry				
140	<u>/ \</u>								CH2MHILL

SHEET 5 of 9							PROJECT NUMBER			BORIN	IG NUMBER:		
						-	315024.IM OIL BORING				MW-40		
PROJECT NAM							LE DEPTH (ft):	LUC	DRILLING CONTRAC	TOR:			
PG&E Topo			•		NAD 27 Z 5):	FΔS	268.0 STING (CCS NAD 27 Z 5	· ·	WDC Exploration  DATE AND TIME STA		, Montclair, CA <b>DATE AND TIME COMPLETED:</b>		
566.5 ft.	MSL			01,864.35	117.5 27 2 37.		7,614,370.53	· · ·	04/26/2004 4:3	0:00 PM	05/01/2004		
DRILLING MET Rotos						WA	TER LEVEL (ft):		DRILLING EQUIPME Standard Acces		continuous 4 core, 6 casing		
	0 medi ssing.	an Topod	k, CA.	- 1.5 miles	east of Park Moa	abi ex	rit, west of Bat Cave Wash	1	LOGGED BY: T. Her	nderson, S.	Cooper		
		SAMPLE					SOIL DESCRIPTION	1	I		COMMENTS		
DEDLH BGS (teet)  TAPE (TAPE (Leet) (1) TAPE (Leet) (Leet) (1) TAPE (Leet) (Lee						MPOS:	IL NAME, USCS SYMBOL, C ITION, GRADING, GRAIN S CONSISTENCY, STRUCTUR	SHAPE	, MINERALOGY,	DAILY ST	GOBSERVATIONS AND OPERATIONS, CART AND END TIMES , DRILL RATE, S, SAMPLING AND TESTING NOTES.		
	П	CC115	20	SC	well graded a	ing to	with sand (SC) - dk subang sand, 20% well g matrix supported, mediur	raded	subang gravel up	9:05 Cr	6+ and clazone		
				SM	SILTY SAND WITH GRAVEL (SM) - It gray 10YR7/2, 60% well graded f-c sand, 20% f silt, 15% well graded subang to subrnd gravel, unconsolidated, dry.  CLAYEY GRAVEL WITH SAND (SC) - brn 10YR4/3, 60% well graded						9:15 Cr6+		
				SC	subang f-c sa	nd, 2	. <b>WITH SAND (SC)</b> - bri 0% well graded subang g I, low plasticity, matrix sup	ravel ι	up to 0.5, 20%	Cr6+			
- 160 				SP/SM	grayish brn 2.	.5YR4	<b>D SAND WITH SILT AN</b> 4/2, 60% poorly graded m gravel, 10% fines, no plas	sand,	30% well graded				
		CC116	10		well graded s	uban	. <b>WITH SAND (SC)</b> - dk g sand, 30% clay fines, 2! , feldspar, green mm, gne	5% we	ell graded subang				
 - 170				SC	- 55% sar - increase		ivel up to 1						
  		CC117	*		- poorly g	ıradeo	d m sand						
1/5	<u> </u>										OLIORS: W.		
											CH2MHILL		

SHEET 6 of 9						PROJECT NUMBER: 315024.IM.0	12	BORING NUMBER: MW-40			
						SOIL BORING LO			1111 10		
PROJECT NAMI					_	HOLE DEPTH (ft):	DRILLING CONTRA	CTOR:			
PG&E Topod SURFACE ELEV	'ATIO		NORTH:	ING (CCS	-	268.0 EASTING (CCS NAD 27 Z 5):	DATE AND TIME ST	ARTED:	DATE AND TIME COMPLETED:		
566.5 ft.  DRILLING MET  Rotos	HOD:		2,1	01,864.35		7,614,370.53 WATER LEVEL (ft):	DRILLING EQUIPM		05/01/2004		
LOCATION: I-40		an Topo	ock, CA.	- 1.5 miles	east of Park Moa	bi exit, west of Bat Cave Wash	LOGGED BY:		ss Rig with continuous 4 core, 6 casing nderson, S.Cooper		
CI O.		SAMPLI	<b>E</b>			SOIL DESCRIPTION			COMMENTS		
DEPTH BGS (feet)	(feet) LINE CODE CODE PERCENT CON DENS					SOIL NAME, USCS SYMBOL, COL POSITION, GRADING, GRAIN SH TY/CONSISTENCY, STRUCTURE, I	APE, MINERALOGY,	DAILY S	G OBSERVATIONS AND OPERATIONS, TART AND END TIMES , DRILL RATE, LS, SAMPLING AND TESTING NOTES.		
180				sc	well graded su gravel up to 1 moist.  - 70% poo subang gra  - 50% wel subang gra brn 10YR4	ing, more gravel, more cohesive,					
		CC118	3 20	ML	well graded sa strength, low   SILTY SAND		, very high dry YR4/3, 50% well graded				
200		CC119	7	SM	- gravel up			1 '	ecovered to 205' on this run. Fer 205-208' was recovered on		
  - 210					- small brid	ck-red colored lens	next ru				

SHEET 7 of 9							PROJECT NUMBER:			BORIN	IG NUMBER:		
						_	315024.IM.02			MW-40			
PROJECT NAM	E.				I		OIL BORING LO LE DEPTH (ft):		LING CONTRAC	TOD:			
PG&E Topo	ck IM I		•		,		268.0		WDC Exploration	and Wells			
SURFACE ELEN 566.5 ft.		N: N		ING (CCS 01,864.35	NAD 27 Z 5):	EAS	<b>STING (CCS NAD 27 Z 5):</b> 7,614,370.53		E AND TIME STA 5/2004 4:3	<b>ARTED:</b> 0:00 PM	DATE AND TIME COMPLETED: 05/01/2004		
DRILLING MET		<u>'</u>				WA	TER LEVEL (ft):	DRIL	LING EQUIPME		continuous 4 core, 6 casing		
LOCATION: I-4	0 medi	an Topod	ck, CA.	- 1.5 miles	east of Park Moa	abi e	xit, west of Bat Cave Wash	LOGO	GED BY:	nderson, S			
cro	ssing.						SOIL DESCRIPTION		1. Пе	lueison, s	COMMENTS		
DEPTH BGS	$\vdash$	SAMPLE	<b>&gt;</b>	USCS			SOIL DESCRIPTION				СОММЕНТЭ		
(feet)   INT   CODE   PERCENT CODE   CODE					PERCENT CON DENS	SO: MPOS ITY/	IL NAME, USCS SYMBOL, COLO ITION, GRADING, GRAIN SHAI CONSISTENCY, STRUCTURE, M	OR, PE, MINE IOISTURE	RALOGY,	DAILY S	G OBSERVATIONS AND OPERATIONS, TART AND END TIMES , DRILL RATE, LS, SAMPLING AND TESTING NOTES.		
 		CC120	13	SP/SM	grayish brn 1	0YR4 l up t	D SAND WITH SILT AND G 4/2, 70% poorly graded suband to 1, 10% fines, qtz, feldspar,	ıg m-c sai	nd, 20% well				
 - <b>215</b> 					staining, 50%	6 wel fines,	. WITH SAND (SC) - brn 7.9 I graded subang sand, 30% w matrix supported, high dry st	ell grade	d subang				
 220 					_	•	brn 10YR4/2, 60% well grade bang gravel, 20% clay fines.	ed subang	sand, 30%				
 - 225					- more cla	ay							
		CC121	20	SC	- red stair	ns, dı	ier						
					- dark gra	ayish	brn 10YR4/2						
 - 245					- rnd grav	vels							
											CH2MHILL		

CUEET O. CO.							PROJECT N	WIIMBED:		RODIN	IG NUMBER:	
SHEET 8 of 9								.5024.IM.02		DOKIN	MW-40	
						S	OIL BOF	RING LOG	;			
PROJECT NAM		Invostico	tion (Dh	200/	1)		E DEPTH (ft)	:	DRILLING CONTRAC			
PG&E Topo SURFACE ELEN 566.5 ft.	/ATIO		NORTH			EAS	268 TING (CCS N 7,614,37	AD 27 Z 5):	WDC Exploration  DATE AND TIME STA  04/26/2004 4:30		DATE AND TIME COMPLETED: 05/01/2004	
DRILLING MET	THOD:			.01,001.55	,	WAT	ER LEVEL (ft		DRILLING EQUIPME	NT:	continuous 4 core, 6 casing	
LOCATION: I-4		ian Topo	ck, CA.	- 1.5 miles	east of Park Moat	ast of Park Moabi exit, west of Bat Cave Wash LOGGED BY:					.Cooper	
<u> </u>		SAMPLE					SOIL DESC	CRIPTION		COMMENTS		
DEPTH BGS (feet)	/AL	_R_	ERY	USCS CODE		SOIL NAME, USCS SYMBOL, COLOR,						
(leet)	INTERVAL	TYPE/ NUMBER	RECOVERY (ft)		PERCENT COMP DENSIT	POST	TION GRADIN	SYMBOL, COLOR, IG, GRAIN SHAPE, STRUCTURE, MOI	MINERALOGY, STURE.	DAILY ST	G OBSERVATIONS AND OPERATIONS, FART AND END TIMES , DRILL RATE, .S, SAMPLING AND TESTING NOTES.	
 	H	CC122	*	SC	staining, 60%	well ines, l	graded subang	(SC) - brn 7.5YFg sand, 30% well gth, medium plast	graded subang			
					- ang grave		10/04/0	000/ 1 5	100/			
				CL					10% well graded gh plasticity, moist.			
255				SP	poorly graded	suba up to	ng f-m sand, 1 o 2, igneous ar	15% silt fines, 5% and mm minerals, 1				
		CC123	15	SM	SILTY SAND	WIT	H GRAVEL (S	<b>SM)</b> - 15% grave	el, 15% fines.			
	1			SC	CLAYEY GRAV			(SC) - brn 7.5YF	R4/3, 25% fines, no			
  <b>265</b>				GC	CLAYEY GRAV	<b>VEL</b> 0% a	(GC) - It greeing gravel up to	enish gray (10YR7 o 2, 25% fines, 1!				
				BR	SILTY SAND reddish brn 2.5		5 5	up to 1, 15% fine	es, moist to dry,			
							Boring Tern	ninated at 268 ft		1	reaks at 268' bgs, becomes very t to drill	
					abbrevia  cc = contin  brn = brow  It = light  dk = dark  vf = very fi  f = fine-gra  m = mediu  c = coarse- vc = very c  ang = angu  subang = s  subrnd = s  rnd = roun  br = bedro	nuous wn fine-g rained um-gi e-graii coars jular subar subro nded	rained I rained ned e-grained ngular unded					
											CH2MHILL	

SHEET 9 of 9						PROJECT NUMB	ER:		BORING NUMBER:
						315024.			MW-40
PROJECT NAM	F:					SOIL BORING	i LOC	DRILLING CONTRAC	TOP.
PG&E Topo	ck IM I				4)	268.0		WDC Exploration	and Wells, Montclair, CA
SURFACE ELEV 566.5 ft.		N: N		1NG (CCS 01,864.35	NAD 27 Z 5): E	EASTING (CCS NAD 27 7,614,370.53	Z 5):		0:00 PM 05/01/2004
DRILLING MET Rotos					V	WATER LEVEL (ft):		DRILLING EQUIPMENT Standard Access	NT: s Rig with continuous 4 core, 6 casing
LOCATION: I-4	0 media	an Topoc	k, CA.	- 1.5 miles	east of Park Moab	oi exit, west of Bat Cave W	'ash	LOGGED BY:	derson, S.Cooper
CIO	Ţ	SAMPLE				SOIL DESCRIPTI	ON		COMMENTS
DEPTH BGS			- 1	USCS					
DEDLH BGS (teet) TYPE A LOOVE CODE CODE CODE						SOIL NAME, USCS SYMBOL POSITION, GRADING, GRAI Y/CONSISTENCY, STRUCT	IN SHAPE	, MINERALOGY,	DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
					ss = sandst				
					conglom = c	conglomerate compacted			
					qtz = quartz	-			
		,							
		,							
		.							
		,							
									CH2MHILL