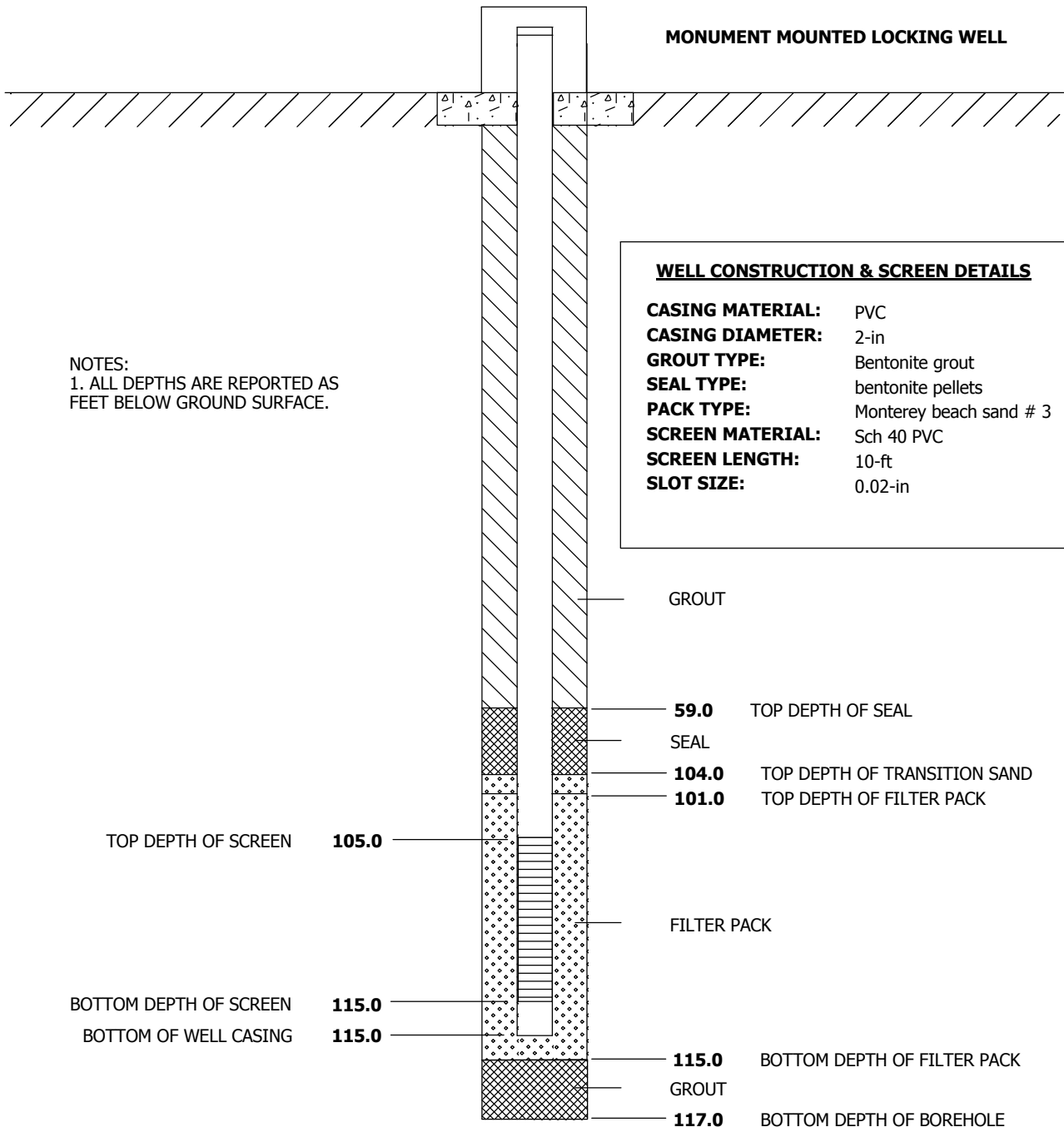


WELL COMPLETION DIAGRAM

PROJECT NO: 326128.01.16.EN	PROJECT: IMPM Drill Program	WELL NO: <i>MW-47-115</i>
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California		
DRILLING CONTRACTOR: Prosonic (Chato = Driller)	DRILLING START DATE: 3/13/2006	
DRILLING METHOD: Rotosonic	DRILLING END DATE: 3/15/2006	
LOGGER: Loren Kelly	WELL COMPLETION DATE: 3/15/2006	
TOP OF WELL CASING (NGVD 29): 484.06	NORTHING COORDINATE (CCS DAND 27, ZONE 5): 2103450.09	
GROUND SURFACE ELEVATION (NGVD 29): 482.59	EASTING COORDINATE (CCS NAD 27 ZONE 5): 7615629.74	



WELL DIAGRAM IS NOT TO SCALE

SOIL BORING LOG

PROJECT NAME: IMPM Drill Program		HOLE DEPTH (ft): 288.0	DRILLING CONTRACTOR: Prosonic Corp. Phoenix, AZ	
SURFACE ELEVATION: 482.6 ft. MSL	NORTHING (CCS NAD 27 Z 5): 2,103,450.05	EASTING (CCS NAD 27 Z 5): 7,615,629.49	DATE STARTED: 2/27/2006	DATE COMPLETED: 3/13/2006
DRILLING METHOD: Rotasonic			DRILLING EQUIPMENT: Sonic AT (track mounted)	
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California			LOGGED BY: B. Moayyad, K. Ebel	

DEPTH BGS (feet)	SAMPLE			USCS CODE	SOIL DESCRIPTION SOIL NAME, USCS SYMBOL, COLOR, PERCENT COMPOSITION, GRADING, GRAIN SHAPE, MINERALOGY, DENSITY/CONSISTENCY, STRUCTURE, MOISTURE.	COMMENTS DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
	INTERVAL	TYPE/NUMBER	RECOVERY (ft)			
40			2.5	SW	WELL GRADED SAND w/ GRAVEL (SW) - dr yellowish brn (10YR3/6), 30% gravel, 60% sand, 10% silty fines	Drilling smooth but proceeds less rapidly
			10	SW	WELL GRADED SAND w/ GRAVEL (SW) - 40% subang met gravel up to 6cm, 55% subrnd to ang sand, 5% fines - more gravel below 38' - gravel is mostly fine	
45			10	SW	WELL GRADED SAND w/ GRAVEL (SW) - Pale brn (10YR6/3), 30% subang met gravel up to 5cm, 60% subrnd to subang m to c met sand, 10% silty fines, wet	Soil sample collected
				SP	POORLY GRADED SAND w/ GRAVEL (SP) - pale brn (10TR6/3), 30% f subang gravel up to 2 cm, 65% mostly c sand, =2% fines	
50			10	SW	WELL GRADED SAND w/ GRAVEL (SW) - yellowish brn (10YR5/4), 40% subang met gravel up to 9cm, 55% f to c met sand, 5% silty fines, clast supported, m density, wet	
55			9.5	GW	WELL GRADED GRAVEL w/ SILT AND SAND (GW) - brn (7.5YR5/4), 55% subang to ang met gravel up to 4cm, 25% f to c sand, 20% silty fines, dense, moist to dry - soil dries out	Collected Isoflow sample Drill rate slows to 2' / min
60			9.5	GW	- It grey (10YR7/2) and powder dry	
65			9.5	GW	- moist sandy zone, 55% gravel, 35% sand, 10% fines - dry silty lt grey GW below 65'	
70			9.5	SW	WELL GRADED SAND w/ GRAVEL (SW) - yellowish brn (10YR5/4), 35% subang met gravel up to 4cm, 60% subrnd sand, 5% silty fines, loose, moist to wet	Moderate Drill Rate

SOIL BORING LOG

PROJECT NAME: IMPM Drill Program		HOLE DEPTH (ft): 288.0	DRILLING CONTRACTOR: Prosonic Corp. Phoenix, AZ	
SURFACE ELEVATION: 482.6 ft. MSL	NORTHING (CCS NAD 27 Z 5): 2,103,450.05	EASTING (CCS NAD 27 Z 5): 7,615,629.49	DATE STARTED: 2/27/2006	DATE COMPLETED: 3/13/2006
DRILLING METHOD: Rotasonic			DRILLING EQUIPMENT: Sonic AT (track mounted)	
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California			LOGGED BY: B. Moayyad, K. Ebel	

DEPTH BGS (feet)	SAMPLE			USCS CODE	SOIL DESCRIPTION SOIL NAME, USCS SYMBOL, COLOR, PERCENT COMPOSITION, GRADING, GRAIN SHAPE, MINERALOGY, DENSITY/CONSISTENCY, STRUCTURE, MOISTURE.	COMMENTS DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
	INTERVAL	TYPE/NUMBER	RECOVERY (ft)			
75			9.5	SW	WELL GRADED SAND w/ SILT AND GRAVEL (SW) - yellowish brn (10YR5/4), 30% gravel, 50% sand, 20% silty fines, massive, dense, moist	Collected soil sample
				GW	WELL GRADED GRAVEL w/ SILT AND SAND (GW) - lt gray, 65% ang met gravel, 25% subang sand, 10% fines, dry	
80			19	SM	SILTY SAND w/ GRAVEL (SM) - brn (10YR5/3), 22% subang met gravel up to 3.5cm, 50% subrnd to subang f to c sand, 23% silty fines, m density, wet	Collected Isoflow sample Moderate Drill Rate
85				SW	WELL GRADED SAND w/ SILT AND GRAVEL (SW) - brn, 30% subang fine gravel, 65% subang to subrnd m to c sand, 10% silty fines, m dense, wet - silty zone, 15% fines	Driller reports harder drilling, likely stiff clay
90				GW	WELL GRADED GRAVEL w/ SILT AND SAND (GW) - brn, 55% subrnd to subang met gravel up to 4.5cm, 35% f to c sand, 10% silty fines, lose to medium, wet	Green alteration mineral in milky quartz fragment
95				SW	SILTY SAND w/ GRAVEL (SM) - 20% subang to subrnd met gravel, 60% subang f to c sand, 20% silty fines, massive, blocky, wet	
100			12.5	SW	WELL GRADED SAND w/ GRAVEL (SW) - grayish brn (10YR5/2), 15% subang to subrnd met gravel up to 2.5cm, 80% subrnd m to c sand, 5% silty fines, loose, wet	Drill Rate = 1.5' / min Soil sample collected
105				SW	- becomes brn and gravelly, 30% gravel up to 3.5cm, 63% m to c sand, 7% fines	

SOIL BORING LOG

PROJECT NAME: IMPM Drill Program		HOLE DEPTH (ft): 288.0	DRILLING CONTRACTOR: Prosonic Corp. Phoenix, AZ	
SURFACE ELEVATION: 482.6 ft. MSL	NORTHING (CCS NAD 27 Z 5): 2,103,450.05	EASTING (CCS NAD 27 Z 5): 7,615,629.49	DATE STARTED: 2/27/2006	DATE COMPLETED: 3/13/2006
DRILLING METHOD: Rotasonic			DRILLING EQUIPMENT: Sonic AT (track mounted)	
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California			LOGGED BY: B. Moayyad, K. Ebel	

DEPTH BGS (feet)	SAMPLE			USCS CODE	SOIL DESCRIPTION SOIL NAME, USCS SYMBOL, COLOR, PERCENT COMPOSITION, GRADING, GRAIN SHAPE, MINERALOGY, DENSITY/CONSISTENCY, STRUCTURE, MOISTURE.	COMMENTS DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
	INTERVAL	TYPE/NUMBER	RECOVERY (ft)			
110				GW	WELL GRADED SAND w/ GRAVEL (SW) - grayish brn (10YR5/2), 15% subang to subrnd met gravel up to 2.5cm, 80% subrnd m to c sand, 5% silty fines, loose, wet - silty with calcite nodules WELL GRADED GRAVEL w/ SILT AND SAND (GW) - brn, 60% gravel up to 4cm, 30% sand, 10% fines, dry	Core barrel fills at 108' bgs
115			7	SW	WELL GRADED SAND w/ SILT AND GRAVEL (SW) - brn (7.5YR4/3), 25% subang met gravel up to 3.5cm, 65% subrnd f to c sand, 5% fines, loose, wet - greenish grey sand lenses - 4" gravel zone	Significant rig chatter Driller reports intermittent hard layers
120			10	SM	SILTY SAND w/ GRAVEL (SM) - dusky red (2.5YR4/4), 15% subang met gravel up to 2.5cm, 60% subrnd to subang f to c sand, 20% fines, massive, blocky, clast supported, moist to wet	
125				GW	WELL GRADED GRAVEL w/ SILT AND SAND (GW) - light brownish gray (10YR6/2), 65% ang met gravel up to 4cm, 25% f to c sand, 5% silty fines, dry	Significant rig chatter
130				SW	WELL GRADED SAND w/ SILT AND GRAVEL (SW) - dusky red, 15% gravel, 75% sand, 10% fines	
135			9	SM	SILTY SAND w/ GRAVEL (SM) - dusky red (2.5YR4/6), 15% subang to subrnd met gravel up to 3cm, 60% sand, 25% fines, massive, dense, clast supported, wet - more loose and less silty	
				SW	WELL GRADED SAND w/ SILT (SW) - dusky red (2.5YR4/6), 5% gravel, 90% subrnd f to c sand, 5% fines, loose, wet	
140					POORLY GRADED SAND w/ SILT (SP) - brn (7.5YR4/4), 5% subrnd to subang met gravel up to 4cm, 85% f to c sand, 10% fines, poorly graded, wet, no odor	

SOIL BORING LOG

PROJECT NAME: IMPM Drill Program		HOLE DEPTH (ft): 288.0	DRILLING CONTRACTOR: Prosonic Corp. Phoenix, AZ	
SURFACE ELEVATION: 482.6 ft. MSL	NORTHING (CCS NAD 27 Z 5): 2,103,450.05	EASTING (CCS NAD 27 Z 5): 7,615,629.49	DATE STARTED: 2/27/2006	DATE COMPLETED: 3/13/2006
DRILLING METHOD: Rotasonic			DRILLING EQUIPMENT: Sonic AT (track mounted)	
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California			LOGGED BY: B. Moayyad, K. Ebel	

DEPTH BGS (feet)	SAMPLE			USCS CODE	SOIL DESCRIPTION SOIL NAME, USCS SYMBOL, COLOR, PERCENT COMPOSITION, GRADING, GRAIN SHAPE, MINERALOGY, DENSITY/CONSISTENCY, STRUCTURE, MOISTURE.	COMMENTS DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
	INTERVAL	TYPE/NUMBER	RECOVERY (ft)			
145			6	SP	POORLY GRADED SAND w/ SILT (SP) - brn (7.5YR4/4), 5% subrnd to subang met gravel up to 4cm, 85% f to c sand, 10% fines, poorly graded, wet, no odor	Collected Isoflow sample Drill rate = 0.75' to 1.5' / min
			3	SM	SILTY SAND w/ GRAVEL (SM) - brn (7.5YR4/4), 20% subang to subrnd gravel up to 6cm, 60% f to c sand, 20% silty fines, well graded, m consolidated, met, wet, no odor	
150			5	SM	SILTY SAND w/ GRAVEL (SM) - dk yellowish brn (10YR4/4), 25% subang to subrnd up to 4cm met gravel, 60% well graded f to c sand, 15% fines, wet, no odor	
			4	SW	WELL GRADED SAND w/ SILT AND SAND (SW) - dr yellowish brn (10YR4/4), 10% subang to subrnd up to 3cm met gravel, 75% well graded f to c sand, 15% fines, moist to wet	
155			2	SW	SILTY SAND (SM) - brn (7.5YR4/4), 5% ang to subrnd met gravel up to 1.5cm increasing with depth, 85% poorly graded m to c sand, 10% fines, loose, wet	
			2	SM	SILTY SAND w/ GRAVEL (SM) - dk yellowish brn (10YR4/4), 15% subang to subrnd up to 2.5cm met gravel, 75% well graded f to c sand, 10% fines, mostly met, trace chert, loose, wet, no odor	
160			4	SM	SILTY SAND w/ GRAVEL (SM) - brn (7.5YR4/4), 25% subang to subrnd gravel up to 6.5cm, 60% m to c sand, 15% silty fines, well graded, m consolidated, met, wet, no odor	
			4	SW	SILTY SAND (SW) - mottled dk reddish brn (5YR3/4), 10% subang to subrnd gravel up to 2.5cm, 50% well graded f to m sand, 40% silt, metamorphic, dry to damp, no odor, interbedded sandy silt laminations	
170			5.5	SW	SAND w/ GRAVEL (SW) - dk reddish brn (5YR3/4), 20% subang to subrnd gravel up to 5cm, 75% f to c sand, 5% fines, well graded, loose, met, wet	
			2.5	SM	SILTY SAND w/ GRAVEL (SM) - brn (7.5YR4/4), 15% subang to subrnd gravel, 70% f to m sand, 15% fines, poorly graded, met, increasingly consolidated, slightly to moderately calcareous, moist to wet	

SOIL BORING LOG

PROJECT NAME: IMPM Drill Program		HOLE DEPTH (ft): 288.0	DRILLING CONTRACTOR: Prosonic Corp. Phoenix, AZ	
SURFACE ELEVATION: 482.6 ft. MSL	NORTHING (CCS NAD 27 Z 5): 2,103,450.05	EASTING (CCS NAD 27 Z 5): 7,615,629.49	DATE STARTED: 2/27/2006	DATE COMPLETED: 3/13/2006
DRILLING METHOD: Rotosonic			DRILLING EQUIPMENT: Sonic AT (track mounted)	
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California			LOGGED BY: B. Moayyad, K. Ebel	

DEPTH BGS (feet)	SAMPLE			USCS CODE	SOIL DESCRIPTION SOIL NAME, USCS SYMBOL, COLOR, PERCENT COMPOSITION, GRADING, GRAIN SHAPE, MINERALOGY, DENSITY/CONSISTENCY, STRUCTURE, MOISTURE.	COMMENTS DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
	INTERVAL	TYPE/NUMBER	RECOVERY (ft)			
180			2	SM	SILTY SAND w/ GRAVEL (SM) - reddish brn (5YR4/4), 20% subang to subrnd gravel, 60% m to c sand, 20% fines, poorly graded, m consolidated, very calcareous, dry to damp, no odor	Collected Isoflow sample
			4	SW	SILTY SAND (SW) - brn (7.5YR4/3), 10% subrnd to subang gravel up to 4.6cm, 70% f to c sand, 20% fines, well graded, met, moist to wet, no odor	
185			8	SM	SILTY SAND w/ GRAVEL (SM) - brn (7.5YR4/4), 20% subrnd to subang gravel up to 2.4cm, 65% f to c sand, 15% clayey fines lenses, well graded, met, very calcareous, dry to damp with locally moist areas, no odor	Drill Rate - 1.6' / min
			6	SM	SILTY SAND w/ GRAVEL (SM) - dr brn (7.5YR3/4), 10% subrnd to subang gravel up to 4cm, 75% f to c sand, 15% fines, well graded, loose to poorly consolidated, met, moist to wet, no odor	
195			2	GM	SILTY GRAVEL w/ SAND (GM) - reddish brn (5YR4/4), 45% subang to subrnd gravel up to 5.5cm, 40% f to c sand, 15% fines, slight to moderately calcareous, met, dry to damp with locally moist areas	Collected Isoflow sample Drill Rate = 1.5' to 2' / min
			10	SM	SILTY SAND w/ GRAVEL (SM) - reddish brn (5YR4/4), 15% subang to subrnd gravel up to 5cm, 70% well graded f to c sand, 15% fines, moderately calcareous, loose to poorly consolidated, met, moist to wet - clay locally, slight decrease in gravel	
205					SILTY SAND w/ GRAVEL (SM) - reddish brn (5YR4/4), 20% subang to subrnd gravel up to 6.5cm, 65% well graded f to c sand, 15% mostly clay fines, moderately to very calcareous, poorly graded, moist to wet - mostly met w. chloritic alteration	

SOIL BORING LOG

PROJECT NAME: IMPM Drill Program		HOLE DEPTH (ft): 288.0	DRILLING CONTRACTOR: Prosonic Corp. Phoenix, AZ	
SURFACE ELEVATION: 482.6 ft. MSL	NORTHING (CCS NAD 27 Z 5): 2,103,450.05	EASTING (CCS NAD 27 Z 5): 7,615,629.49	DATE STARTED: 2/27/2006	DATE COMPLETED: 3/13/2006
DRILLING METHOD: Rotasonic			DRILLING EQUIPMENT: Sonic AT (track mounted)	
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California			LOGGED BY: B. Moayyad, K. Ebel	

DEPTH BGS (feet)	SAMPLE			USCS CODE	SOIL DESCRIPTION SOIL NAME, USCS SYMBOL, COLOR, PERCENT COMPOSITION, GRADING, GRAIN SHAPE, MINERALOGY, DENSITY/CONSISTENCY, STRUCTURE, MOISTURE.	COMMENTS DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
	INTERVAL	TYPE/NUMBER	RECOVERY (ft)			
215			7	SM	SILTY SAND w/ GRAVEL (SM) - reddish brn (5YR4/4), 20% subang to subrnd gravel up to 6.5cm, 65% well graded f to c sand, 15% mostly clay fines, moderately to very calcareous, poorly graded, moist to wet	Collected Isoflow sample Drill Rate = 1.5' / min
			3	GM	SILTY GRAVEL w/ SAND (GM) - reddish brn (5YR4/4), subang to subrnd gravel up to 5cm, f to c sand, mostly clay fines, slight to moderately calcareous, moderate to well consolidated, met, dry to moist - minor chert, chloric alteration in parts	
220			3.5	SW	SILTY SAND (SW) - reddish brn (5YR4/4), 5% subang to subrnd gravel up to 2cm, 85% subang to subrnd sand, 15% fines, nom to slightly calcareous, well graded, loose to poorly consolidated, moist to wet - minor chloride alteration, increase in silt and clay locally	
			2.5	GW	GRAVEL W/ SAND (GM) - reddish brn (5YR4/4), 80% subang to subrnd gravel up to 6cm, 15% well graded f to c sand, 5% fines, nom to slightly calcareous, loose to poorly consolidated, met, wet, no odor - locally silty and sandy	
230			4	GM	SILTY GRAVEL w/ SAND (GM) - reddish brn (5YR4/4), 45% subang to subrnd gravel up to 5cm, 40% well graded f to c sand, 15% fines, poor to mod consolidated, mostly met, wet, no odor - minor chert, clayey locally, increase in fines locally	
			6	SM	SILTY SAND w/ GRAVEL (SM) - reddish brn (5YR4/4), 15% subang to subrnd gravel up to 3cm, 75% f to c sand, 10% fines, loose to mod consolidated, mostly met, wet, no odor - minor sed increase in fines, clay locally	
235					2	
			2	GW	SILTY GRAVEL w/ SAND (GW) - reddish brn (5YR4/4), 45% well graded subang to subrnd gravel up to 3cm, 35% well graded sand, 20% silt, mod to very calcareous, mod to well consolidated, mostly met, minor sed, dry to moist, no odor	
240					SILTY GRAVEL w/ SAND (GW) - reddish brn (5YR4/4), 55% well graded subang to subrnd gravel up to 7cm, 30% well graded sand, 15% silt, mod to very calcareous, mostly well consolidated, locally hard, mostly met, minor sed, dry to moist, no odor - locally very altered	
			245			

SOIL BORING LOG

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SURFACE ELEVATION: 482.6 ft. MSL	NORTHING (CCS NAD 27 Z 5): 2,103,450.05	EASTING (CCS NAD 27 Z 5): 7,615,629.49	DATE STARTED: 2/27/2006	DATE COMPLETED: 3/13/2006
DRILLING METHOD: Rotosonic			DRILLING EQUIPMENT: Sonic AT (track mounted)	
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California			LOGGED BY: B. Moayyad, K. Ebel	

DEPTH BGS (feet)	SAMPLE			USCS CODE	SOIL DESCRIPTION SOIL NAME, USCS SYMBOL, COLOR, PERCENT COMPOSITION, GRADING, GRAIN SHAPE, MINERALOGY, DENSITY/CONSISTENCY, STRUCTURE, MOISTURE.	COMMENTS DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
	INTERVAL	TYPE/NUMBER	RECOVERY (ft)			
250			16	GW	SILTY GRAVEL w/ SAND (GW) - reddish brn (5YR4/4), 55% well graded subang to subrnd gravel up to 7cm, 30% well graded sand, 15% silt, mod to very calcareous, mostly well consolidated, locally hard, mostly met, minor sed, dry to moist, no odor	Drill rate = 0.75' / min
255						
260			10	GW	SILTY GRAVEL w/ SAND (GW) - reddish brn (5YR4/4), 65% well graded subang to subrnd gravel up to 8cm, 20% well graded sand, 15% silt, very calcareous, mostly well consolidated, mod to locally altered, mostly met, minor sed, dry to moist, no odor	Collected Isoflow sample Drill Rate = 1' / min
265				GW	SILTY GRAVEL w/ SAND (GW) - reddish brn (5YR4/4), 40% well graded subang to subrnd gravel up to 5.5cm, 35% well graded sand, 25% silt, mod to very calcareous, well consolidated, mod altered locally, mostly met, minor sed, dry to moist, no odor	
270			2.5	SW	SILTY SAND w/ GRAVEL (SW) - reddish brn (5YR4/4), 35% gravel up to 8cm, 45% well graded f to c sand, 20% fines, very calcareous, well consolidated, locally very altered, mostly met gravel, dry to moist, no odor	Drill Rate = 0.50' / min
275			0	GW	SILTY GRAVEL w/ SAND (GW) - reddish brn (5YR4/4), 65% well graded subang to subrnd gravel up to 5.5cm, 25% well graded f to c sand, 10% silt, very calcareous, well consolidated, mod to locally very altered, mostly met gravel, minor sed, damp to moist, no odor	
275			5	GW	SILTY GRAVEL w/ SAND (GW) - reddish brn (5YR4/4), 55% well graded subang to subrnd gravel up to 11.5cm, 30% well graded sand, 15% silt, very calcareous, well consolidated, very altered locally, mostly met, minor sed, damp to moist, no odor - gravel/sand fractions somewhat variable	
275			2	SM	SILTY SAND w/ GRAVEL (SM) - reddish brn (5YR3/4), 30% poorly graded subang to subrnds gravel up to 11.5cm, 40% well graded sand, 30% fines, very calcareous, well consolidated to locally hard, mod to very altered in parts, mostly met, damp to moist, no odor	Collected Isoflow sample
280			3	GW	SILTY GRAVEL w/ SAND (GW) - reddish brn (5YR3/4), 55% well graded subang to subrnd gravel up to 5.5cm, 30% well graded sand, 15% silt, very calcareous, well consolidated to commonly hard, mod to very altered locally, mostly met, minor sed, dry to moist, no odor	

SOIL BORING LOG

PROJECT NAME: IMPM Drill Program		HOLE DEPTH (ft): 288.0	DRILLING CONTRACTOR: Prosonic Corp. Phoenix, AZ	
SURFACE ELEVATION: 482.6 ft. MSL	NORTHING (CCS NAD 27 Z 5): 2,103,450.05	EASTING (CCS NAD 27 Z 5): 7,615,629.49	DATE STARTED: 2/27/2006	DATE COMPLETED: 3/13/2006
DRILLING METHOD: Rotasonic			DRILLING EQUIPMENT: Sonic AT (track mounted)	
LOCATION: PG&E Compressor Station - Flood Plain, Topock, California			LOGGED BY: B. Moayyad, K. Ebel	

DEPTH BGS (feet)	SAMPLE			USCS CODE	SOIL DESCRIPTION SOIL NAME, USCS SYMBOL, COLOR, PERCENT COMPOSITION, GRADING, GRAIN SHAPE, MINERALOGY, DENSITY/CONSISTENCY, STRUCTURE, MOISTURE.	COMMENTS DRILLING OBSERVATIONS AND OPERATIONS, DAILY START AND END TIMES, DRILL RATE, REFUSALS, SAMPLING AND TESTING NOTES.
	INTERVAL	TYPE/ NUMBER	RECOVERY (ft)			
285			0	BR	MIOCENE CONGLOMERATE BEDROCK (BR) - 60% well graded subang to rnd gravel up to 10cm, 30% well graded sand, 10% fines, very calcareous, well consolidated to mostly hard, mod to very altered locally, mostly met, dry to moist	
					Boring Terminated at 288 ft	
					ABBREVIATIONS cc = continuous core run brn = brown lt = light dk = dark vf = very fine-grained f = fine-grained m = medium-grained c = coarse-grained vc = very coarse-grained ang = angular subang = subangular subrnd = subrounded rnd = rounded br = bedrock formation ss = sandstone conglom = conglomerate comptd = compacted qtz = quartz	