



SEE SITE PLAN

ALISTO PROJECT NO: 10-320-08 DATE DRILLED: 05/12-13/96
 CLIENT: Pacific Gas and Electric Co.
 LOCATION: Topack Compressor Station
 DRILLING METHOD: Rotasonic
 DRILLING COMPANY: Boart Longyear CASING ELEVATION:
 LOGGED BY: Ted Moise APPROVED BY: Dan Salsices

WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	
<p>4" Sch. 80 PVC Casing</p> <p>Cement/Bent Grout</p>	0			ML	sandy SILT: light gray; ~15% sand, fine- to medium-grained; dry.	
	5		●	GP	sandy GRAVEL: gray; ~80% gravel, subrounded to subangular, to 80 mm; ~35% sand, fine- to coarse-grained; ~5% fines; dry.	
				●	ML	sandy SILT: light gray; ~15% sand, fine- to medium-grained; dry.
				●	GP	sandy GRAVEL: light gray to gray; ~50% gravel, subrounded to subangular, to 50 mm; ~45% sand, fine- to coarse-grained; minor fines; dry.
	10			●	SP	gravelly SAND: gray; ~50% sand, fine- to coarse-grained; ~45% gravel, subrounded to subangular, to 80 mm; ~5% fines; dry.
	15			●	SP	Changes at 20' of color to light gray to gray; ~55% sand; ~40% gravel, subrounded to angular, to 40 mm.
20			●	GP	sandy silty GRAVEL: light gray to gray; ~80% gravel, subrounded to angular, to 80 mm; ~30% sand, fine- to coarse-grained; ~10% fines.	
25			●	GM	Cobble, subrounded, to 80 mm, at 33.5 feet.	
30			●	SP	gravelly SAND: light gray to gray; ~50% sand, fine- to coarse-grained; ~45% gravel, subangular, to 45 mm; ~5% fines.	



WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
<p>4" Sch. 80 PVC Casing</p> <p>Cement/Bent Grout</p>				SP	gravelly SAND continued.
	40			GP GM	sandy silty GRAVEL: pale red to reddish-gray; ~25% gravel, subrounded to angular, to 75 mm; ~25% sand, fine- to coarse-grained; ~10% fines. Color change to gray, at 40 feet. Changes at 46 feet of ~50% gravel; ~40% sand.
	45				
	50				
	55				
	60			GM SP	silty GRAVEL: light gray; ~80% gravel, subangular to angular, to 70 mm; ~40% fines (rock flour). gravelly SAND: gray; ~55% sand, fine- to coarse-grained; ~40% gravel, subrounded to angular, to 55 mm; ~5% fines.
65					
70					
75				SP	gravelly SAND: gray to pinkish-gray; ~55% sand, fine- to medium-grained; ~40% gravel, rounded to subangular, to 80 mm; ~5% fines; one cobble, rounded, 120 mm.



WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
	<p>85</p> <p>90</p> <p>95</p> <p>100</p> <p>105</p> <p>110</p> <p>115</p> <p>120</p>	<p>■</p>		<p>SP</p> <p>GP</p> <p>GM</p> <p>GP</p> <p>GP GM</p> <p>SP SM</p>	<p>gravelly SAND: pinkish-gray to light brown; ~55% sand, fine- to medium-grained; ~40% gravel, subrounded to angular, to 80 mm; ~5% fines. One cobble, 150 mm, at 81 feet.</p> <p>Changes at 85 feet of color to light brown; ~85% sand, fine- to medium-grained; ~30% gravel, to 70 mm.</p> <p>sandy GRAVEL: reddish-brown; ~50% gravel, subrounded to subangular, to 40 mm; ~45% sand, fine- to coarse-grained; ~5% fines.</p> <p>silty GRAVEL: light gray; ~80% gravel, subangular to angular, to 70 mm; ~40% fines (rock flour).</p> <p>sandy GRAVEL: reddish-brown; ~50% gravel, subrounded to subangular, to 40 mm; ~45% sand, fine- to coarse-grained; ~5% fines; damp.</p> <p>sandy silty GRAVEL: reddish-brown; ~80% gravel, subrounded to angular, to 70 mm; ~30% sand, fine- to coarse-grained; ~10% fines; wet.</p> <p>gravelly silty SAND: reddish-brown; ~80% sand, fine- to coarse-grained; ~30% gravel, subrounded to angular, to 70 mm; ~10% fines; wet.</p> <p>Changes at 117 feet of ~75% sand; ~15% gravel, to 50 mm.</p> <p>Total depth of borehole is 124.5 feet.</p>