



SEE SITE PLAN

ALISTO PROJECT NO: 10-320-08 DATE DRILLED: 08/27/97
 CLIENT: Pacific Gas and Electric Co.
 LOCATION: Topock Compressor Station
 DRILLING METHOD: Resonant Sonic, Continuous Coring
 DRILLING COMPANY: Boart Longyear CASING ELEVATION: 530.24
 LOGGED BY: Dan Salaiques APPROVED BY: Dan Salaiques

WELL DIAGRAM		DEPTH feet	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
<p>4" Sch. 80 PVC Casing</p> <p>Cement/Bent Grout</p>		0		GP	sandy GRAVEL: various shades of gray; 70-80% gravel, 4-30 mm, subangular; 20-30% sand, fine to coarse grained; dry.
		5		GP SP	sandy gravel/gravelly SAND: light olive gray; 50% gravel, 4-50 mm, cobble fragments at 7'; 50% sand, fine to coarse grained; dry.
		10		GP	sandy GRAVEL: light gray to light olive gray; 80-80% gravel, 4-40 mm, subangular, cobble fragments at 11'; 10-20% sand, fine to coarse grained; dry.
		12		GP	ALLUVIUM/OLDER ALLUVIUM CONTACT AT 12 FEET
		13.5			sandy GRAVEL: dark yellowish brown; 80% gravel, 4-40 mm, subangular; 40% sand, fine to coarse grained; dry. at 13.5 feet: color varies from light olive gray to dark yellowish brown. at 15.5 feet: 75-85% gravel
		25		SP	gravelly SAND: dark yellowish brown to light olive gray; 80% sand, fine to coarse grained; 40% gravel, 4-20 mm; moist.
		30		GP	sandy GRAVEL: dark yellowish brown; 70% gravel, 4-40 mm, 30% sand, fine to coarse grained; moist.
			GP GC	sandy clayey GRAVEL: moderate brown; 70% gravel, 4-50 mm,	



ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

LOG OF WELL MW-10

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SEE SITE PLAN

ALISTO PROJECT NO: 10-320-08

DATE DRILLED: 06/27/97

CLIENT: Pacific Gas and Electric Co.

LOCATION: Topock Compressor Station

DRILLING METHOD: Resonant Sonic, Continuous Coring

DRILLING COMPANY: Bort Longyear

CASING ELEVATION: 530.24

LOGGED BY: Dan Salalces

APPROVED BY: Dan Salalces

WELL DIAGRAM	DEPTH feet	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
	40 45 50 55 60 65		GP/CC SP GP GP/GM	<p>subangular, some fracturing; 20% sand, fine to medium grained; 10% fines; moist. cobble at 38.0 feet, 100 mm.</p> <p>gravelly SAND: dark yellowish brown; 60% sand, fine to coarse grained; 40% gravel, 4-50 mm, some cobble fragments; moist.</p> <p>sandy GRAVEL: dark yellowish brown; 80% gravel, 4-50 mm, subangular; 30% sand, fine to coarse grained; 10% cobble fragments; moist; some gravel appears to be cemented by calcite or gypsum. contained minor amounts of plastic fines.</p> <p>sandy silty GRAVEL: dark yellowish brown; 60% gravel, 4-40 mm; 30% sand, fine to coarse grained; 10% fines; moist.</p>



LOG OF WELL MW-10

SEE SITE PLAN

ALISTO PROJECT NO: 10-320-06

DATE DRILLED: 08/27/97

CLIENT: Pacific Gas and Electric Co.

LOCATION: Topack Compressor Station

DRILLING METHOD: Resonant Sonic, Continuous Coring

DRILLING COMPANY: Boart Longyear

CASING ELEVATION: 530.24

LOGGED BY: Dan Salalces

APPROVED BY: Dan Salalces

WELL DIAGRAM	DEPTH feet	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
	75	GP GM	GC	clayey GRAVEL: dark yellowish brown; 80% gravel, 4-30 mm; 20% sand, fine to coarse grained, 20% fines, plastic; moist.
	80	GP	GP	sandy GRAVEL: dark yellowish brown; 80% gravel, 4-30 mm, subangular; 30-40% sand, coarse grained; 0-10% fines, wet.
	85	GP GC	GP GC	sandy clayey GRAVEL: dark yellowish brown; 70% gravel, 4-30 mm; 20% sand, medium to coarse grained; 10% fines; wet.
	90	GP	GP	No recovery from 85-88
	95	GP	GP	sandy GRAVEL: dark yellowish brown; 80% gravel, 4-40 mm, subrounded to subangular; 40% sand, medium to coarse grained; wet.
	99	GP GC	GP GC	sandy clayey GRAVEL: dark yellowish brown; 70% gravel, 4-30 mm; 20% sand, fine to coarse grained; 10% fines.
	100			Total depth of boring 99 feet.