



LOG OF WELL MW-13

SEE SITE PLAN

ALISTO PROJECT NO: 10-320-08 DATE DRILLED: 07/09/97
 CLIENT: Pacific Gas and Electric Co.
 LOCATION: Topock Compressor Station
 DRILLING METHOD: Resonant Sonic, Continuous Coring
 DRILLING COMPANY: Boart Longyear CASING ELEVATION: 488.19
 LOGGED BY: Ted Moise/Dan Birch APPROVED BY: Dan Salices

WELL DIAGRAM	DEPTH feet	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
<p>4' Sch. 80 PVC Casing</p> <p>Cement/Bent Grout</p> <p>Bentonite</p> <p>Lonesta #3 Sand</p>	<p>5</p> <p>10</p> <p>15</p> <p>20</p> <p>25</p> <p>30</p>		<p>SP</p> <p>GP</p> <p>SP</p>	<p>gravelly SAND: yellowish gray; 50% sand, fine to coarse grained; 45% gravel, 4-50 mm, subangular, occasional cobbles; minor fines; dry.</p> <p>color change to light olive gray</p> <p>sandy GRAVEL: light gray; 80% gravel, 4-75 mm, subangular; 40% sand, fine to medium grained; dry.</p> <p>at 19 feet, 150 mm cobble.</p> <p>at 19.5 feet, color change to pale yellowish brown; 70% gravel; 30% sand, fine to medium grained. Possibly older alluvium.</p> <p>at 28.5 feet, 80% gravel, 40% sand.</p> <p>Wet at 30 feet.</p> <p>gravelly SAND: pale brown; 60% sand, fine to coarse grained;</p>



ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

LOG OF WELL MW-13

Page 2 of 2

SEE SITE PLAN

ALISTO PROJECT NO: 10-320-06

DATE DRILLED: 07/09/97

CLIENT: Pacific Gas and Electric Co.

LOCATION: Topack Compressor Station

DRILLING METHOD: Resonant Sonic, Continuous Coring

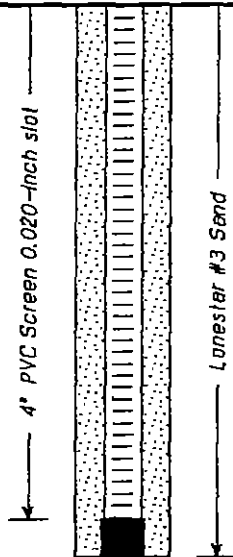
DRILLING COMPANY: Boart Longyear

CASING ELEVATION: 488.19

LOGGED BY: Ted Moise/Dan Birch

APPROVED BY: Dan Salaiques

WELL DIAGRAM



DEPTH
feet

GRAPHIC LOG

SOIL CLASS

GEOLOGIC DESCRIPTION

SP

35% gravel, 4-40 mm, subangular; wet.

At 40 feet, color change to pale red; 70% sand, fine to coarse grained; 30% gravel, 4-25 mm, subangular.

At 43 feet, color change to light brownish gray, cobble to 100 mm.

Total depth of borehole is 48.5 feet.

40

45

50

55

60

65