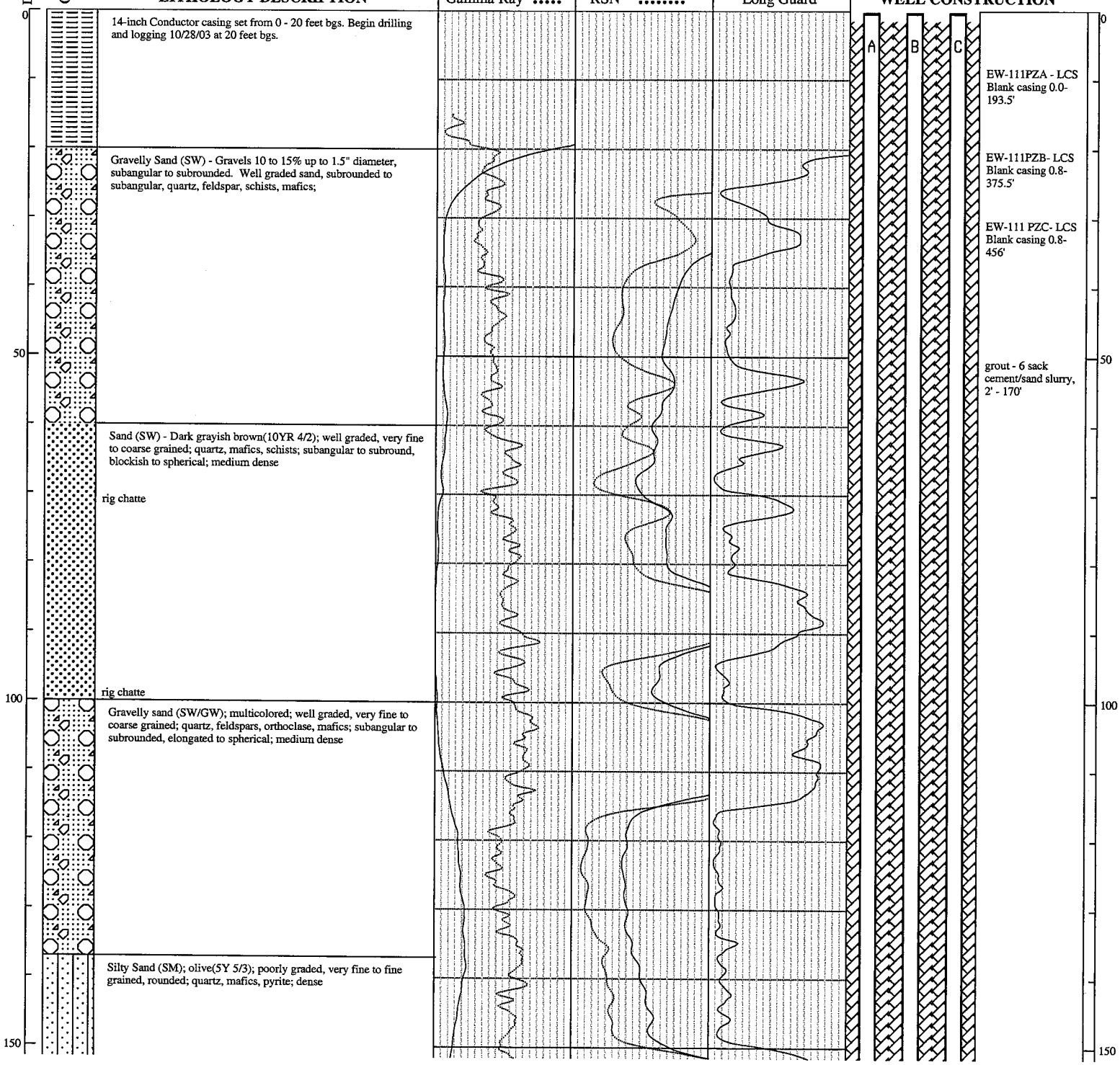
Project: Muscoy RA

Location: San Bernardino, CA Project Number: 18600069.06010

Log of Piezometer Wells: EW-111PZA, EW-111PZB, EW-111PZC

Dates Drilled: 10/28/03 - 11/06/03	Total Depth Drilled: 485	Logged By: URS - PAC
Drilling Contractor: Layne Christensen Company	Borehole Diameter: 13.25"	Checked By: DLB
Drill Rig Type	Well Construction Dates: 11/13/03 - 11/15/03	Screen Slot Size: 0.020"
Drilling Method: Mud Rotary	Well Diameter: 3"	
Drill Bit: Mill Bit	Well Casing: Low Carbon Steel and Stainless Steel	
Comments:		

Depth, feet | Graphic Log | LITHOLOGY DESCRIPTION | E-LOG | WELL CONSTRUCTION



14-inch Conductor casing set from 0 - 20 feet bgs. Begin drilling and logging 10/28/03 at 20 feet bgs.

Gravelly Sand (SW) - Gravels 10 to 15% up to 1.5" diameter, subangular to subrounded. Well graded sand, subrounded to subangular, quartz, feldspar, schists, mafics;

Sand (SW) - Dark grayish brown(10YR 4/2); well graded, very fine to coarse grained; quartz, mafics, schists; subangular to subround, blockish to spherical; medium dense

rig chatte

rig chatte

Gravelly sand (SW/GW); multicolored; well graded, very fine to coarse grained; quartz, feldspars, orthoclase, mafics; subangular to subrounded, elongated to spherical; medium dense

Silty Sand (SM); olive(5Y 5/3); poorly graded, very fine to fine grained, rounded; quartz, mafics, pyrite; dense

URS
2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000

Project: Muscoy RA

Location: San Bernardino, CA **Project Number: 18600069.06010**

Log of Piezometer Wells: EW-111PZA, EW-111PZB, EW-111PZC

Depth, feet | Graphic Log | LITHOLOGY DESCRIPTION | E-LOG (S.P. ——, Gamma Ray ..... | RLN ——, RSN ..... | Long Guard) | WELL CONSTRUCTION

Gravelly Sand(SW/GW); multicolored; well graded, very fine to coarse grained; quartz, schists, feldspars; subangular to round, elongated to spherical; medium dense

Sand (SW); olive(5Y 5/3); well graded, very fine to coarse grained; quartz, schists, orthoclase, feldspars, mafics; angular to subround, elongated to spherical; medium dense

redwood fragment

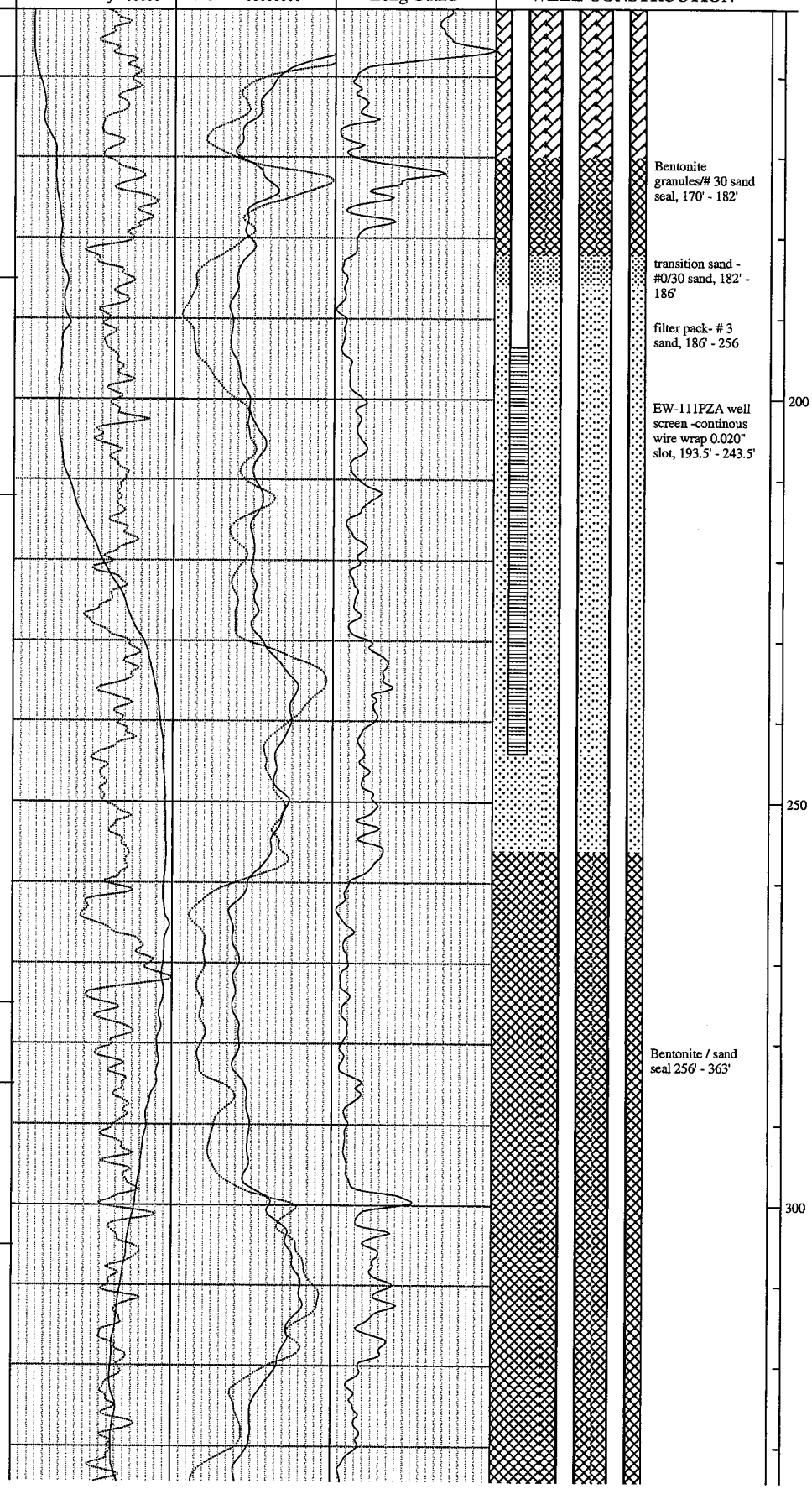
Gravelly Sand; multicolored; very fine sands to mdeium gravels, very fine to coarse grained; quartz, orthoclase, feldspars, schists,mafics; angular to round, elongated to spherical; dense

rig bouncing, dense sand

Clayey Gravel (SC/GC); gray(5Y 5/1); well graded; very fine sand to fine gravels; clay - highly plastic, lean

Clayey Sand (SC); yellowish brown(10YR 5/4); moderately plastic, lean

Silty Sand (SP); yellowish brown(10YR 5/4); poorly graded, very fine to fine grained; quartz, schists, mafics; angular to round, elongated to spherical; dense

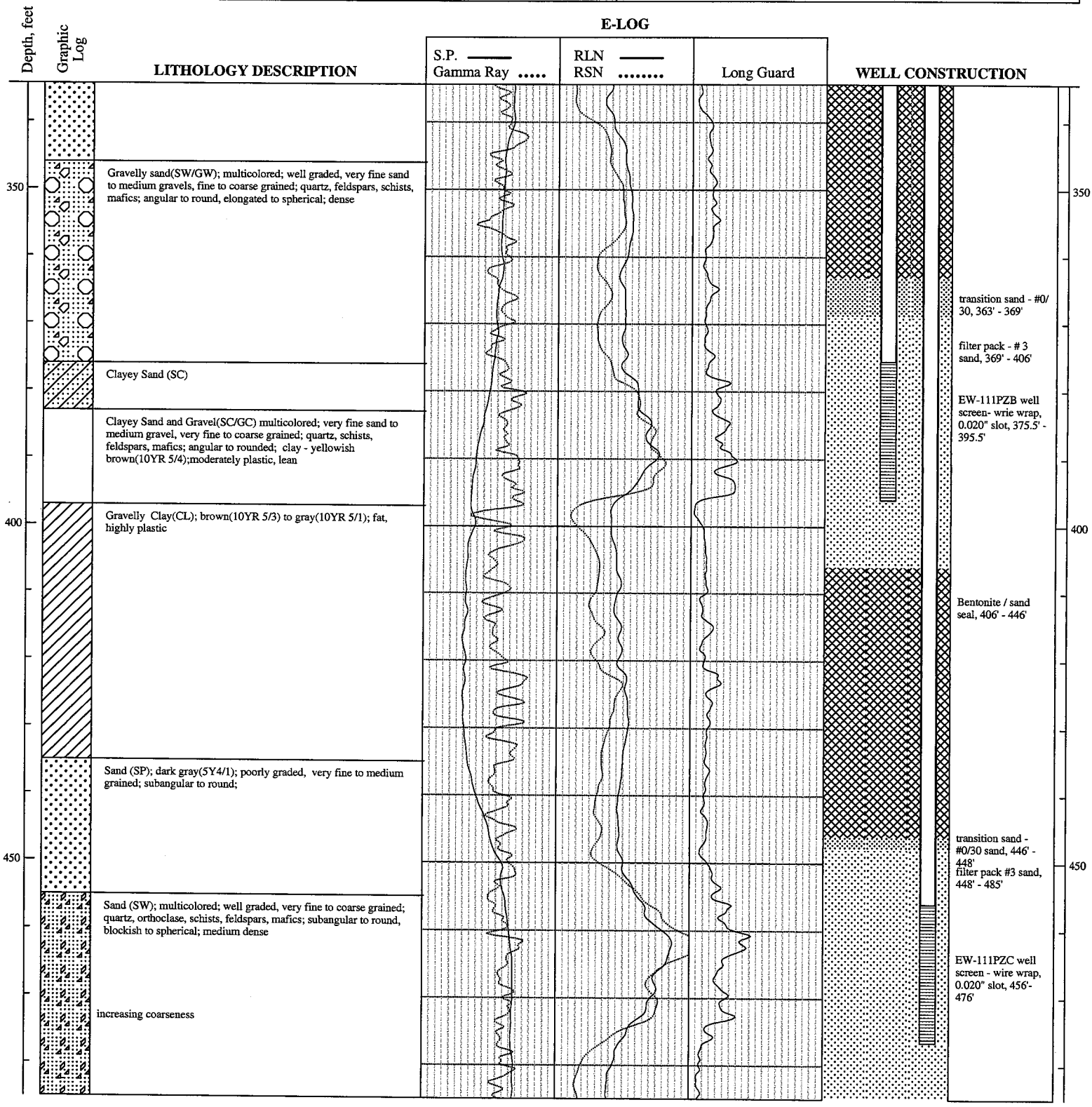


URS
2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000

Project: Muscoy RA

Location: San Bernardino, CA **Project Number: 18600069.06010**

Log of Piezometer Wells: EW-111PZA, EW-111PZB, EW-111PZC



URS
2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000