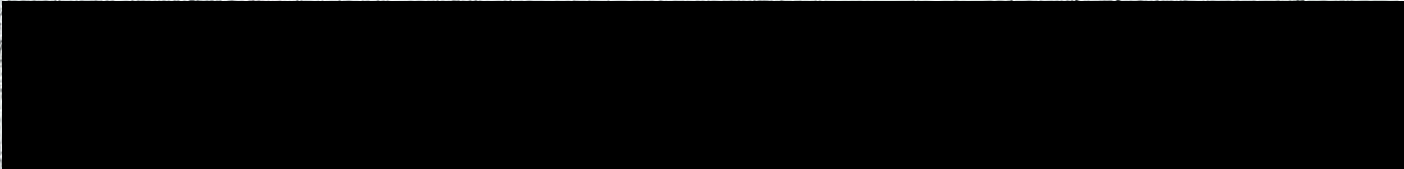


DIVISION OF WATER RESOURCES

Region 7
 Investigation G.W. 9
 County San Diego Near _____

Ground Water Analyses

Basin Barrogo 7-24
 DWR No. 105/5E-36A; SRB&M
 Other No. _____
105/5E-36A1



Use: PK Depth 350' Date Completed _____ Capacity (gpm) _____ SWL 209'
 Drawdown _____ Perforations _____ Size Casing & Depth 12" 2-26-53
 Gravel Packed _____ Seal _____ At What Depth _____ Log _____ Water Level Record _____
 Surface Elev. _____ Datum _____ Source of Information _____

Lab./Field No.	2712 2596			7722 6822			7-2913 0953					
Sampled By	Gunderson			O'Day			EGLINTON					
Date Collected	1-13-53			3-6-57			7-23-58					
Date Analyzed	1-20-53			3-20-57			8-12-58					
Temperature/pH	22°C 7.3			74°F 7.5			77°F 7.9					
EC x 10 ⁶ @ 25°C	541			586			596					
Constituents in	apm	% RV	ppm	apm	% RV	ppm	apm	% RV	ppm	apm	% RV	ppm
Cations:												
Ca	2.45		49	3.49		70						
Mg	1.38		17	0.49		6						
Na	1.88		42	2.00		46						
K	0.11		4.3	0.154		6.0						
Total Cations	5.82			6.13								
Anions:												
CO ₃	0		0	0		0	0		0			
HCO ₃	2.80		170	2.93		179	2.91		178			
SO ₄	1.98		95	2.18		105						
CL	0.98		35	0.93		33	1.01		36			
NO ₃	0.136		8.4	0.0		0						
F			0.4	0.011		0.2						
Total Anions	5.90			6.05								
Balance												
Boron			0.04			0.02						
Silica						40						
Total Solids/Sum	350		(335)	410		(394)						
Per Cent Sodium			32			(33)						
Hardness: Total/NC	192			(200)			199					
Laboratory/Chemist	S.B.			S.B.		Shaw	Flannery		SR			
Copied: Date/By												

REMARKS: 1. Clear P.C. from pump. Recreation area, park, swim pool
 2. pumping, clear - P.C.
 3. CLEAR, P.P.G. P.C. TAP ON S. SIDE OF PUMP HOUSE
 4.

Region 7
 Investigation _____
 County San Diego Near _____

DIVISION OF WATER RESOURCES

Ground Water Analyses

Basin Borrego
 DWR No. 6E/10S-25; SB&M
 Other Nos. #2



5E-25A
36A2
25A1

Use _____ Depth _____ Date Completed _____ Capacity (gpm) 400 SWL _____
 Drawdown _____ Perforations _____ Size Casing & Depth _____
 Gravel Packed _____ Seal _____ At What Depth _____ Log _____ Water Level Record _____
 Surface Elev. _____ Datum _____ Source of Information _____

Lab. Field No.	<u>R-284 060</u>											
Sampled By	<u>H.M. Crooker</u>											
Date Collected	<u>8-9-59</u>											
Date Analyzed	<u>14 Oct 59</u>											
Temperature/pH	<u>8.6</u>											
EC x 10 ⁶ @ 25 C	<u>532</u>											
Constituents in	epm	% RV	ppm	epm	% RV	ppm	epm	% RV	ppm	epm	% RV	ppm
Cations:												
Ca	<u>2.85</u>		<u>57</u>									
Mg	<u>1.36</u>		<u>16</u>									
Na	<u>1.94</u>		<u>45</u>									
K	<u>0.137</u>		<u>5.4</u>									
Total Cations	<u>6.29</u>											
Anions:												
CO ₃	<u>0.13</u>		<u>4</u>									
HCO ₃	<u>2.97</u>		<u>181</u>									
SO ₄	<u>2.15</u>		<u>103</u>									
Cl	<u>0.9</u>		<u>32</u>									
NO ₃	<u>0.051</u>		<u>3.2</u>									
F			<u>0.3</u>									
Total Anions	<u>6.10</u>											
Balance												
Boron			<u>0.14</u>									
Silica												
Total Solids/Sum	<u>411</u>		<u>(355)</u>									
Per Cent Sodium			<u>31</u>									
Hardness: Total/NC	<u>(208)</u>											
Laboratory/Chemist	<u>CES Shatto</u>											
Copied: Date/By												
REMARKS: 1.	<u>Clear</u>											
2.												
3.												
4.												