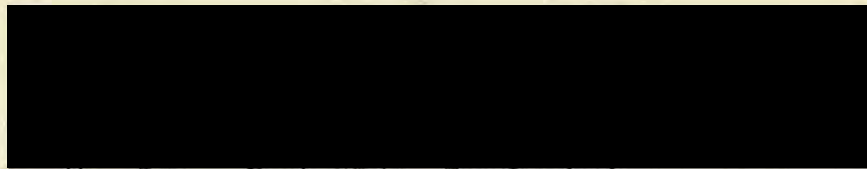


DIVISION OF WATER RESOURCES

Region 7  
 Investigation Gen. Water Qual  
 County San Diego Near \_\_\_\_\_

Ground Water Analyses

Basin Barreaga Valley  
 DWR No. 10S/6E-5F1; B&M  
 Other Nos. \_\_\_\_\_



Use Irr. Depth 174' Date Completed \_\_\_\_\_ Capacity (gpm) \_\_\_\_\_ SWL \_\_\_\_\_  
 Drawdown \_\_\_\_\_ Perforations \_\_\_\_\_ Size Casing & Depth 12"  
 Gravel Packed \_\_\_\_\_ Seal \_\_\_\_\_ At What Depth \_\_\_\_\_ Log \_\_\_\_\_ Water Level Record \_\_\_\_\_  
 Surface Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Source of Information \_\_\_\_\_

Lab./Field No.	2717   1158			72431   0951			2754   4129					
Sampled By	RBG			EGLINTON			de Bruin					
Date Collected	1-13-53			7-23-58			5-17-62					
Date Analyzed	1-20-53			8-25-58			6-12-62					
Temperature, pH	22°C   7.5			78°F   7.02			76   7.8					
EC x 10 <sup>6</sup> @ 25°C	968			1108			1050					
Constituents in	epm	% RV	ppm	epm	% RV	ppm	epm	% RV	ppm	epm	% RV	ppm
Cations:												
Ca	5.43		109	5.04		101	5.24		105			
Mg	1.48		18	1.55		19	1.61		19			
Na	3.91		90	4.52		104	4.47		103			
K	0.26		9.9	0.29		11.4	0.25		9.5			
Total Cations	1.1			11.40			11.57					
Anions:												
CO <sub>3</sub>	0		0	0		0	0		0			
HCO <sub>3</sub>	3.76		229	2.95		180	3.29		200			
SO <sub>4</sub>	5.88		282	6.14		295	6.26		301			
Cl	1.83		65	2.06		73	1.83		65			
NO <sub>3</sub>	0.088		5.4	0.06		3.88	0.05		3.1			
F			1.0	0.0375		0.66	0.04		0.8			
Total Anions	11.6			11.21			11.47					
Balance												
Boron			0.12			0.15			0.26			
Silica						28			26			
Total Solids/Sum	723			709			760					
Per Cent Sodium	35			40			39					
Hardness: Total/NC	346			330			343		178			
Laboratory/Chemist	S.B.			Neena			USAG		DLE			
Copied: Date/By							6-27-62		CM			

REMARKS: 1. Clear, lima beans 60 ac. est. p.c. at pump  
 2. CLEAR, PPG, P.C. DISCH INTO IRR. PIPE  
 3) Clear, odorless, PPG - P.C. discharge line