

JAMES A. MONTGOMERY CONSULTING ENGINEERS, INC.  
 ENVIRONMENTAL RESEARCH LABORATORY

555 E. Walnut St. Pasadena, Ca. 91101 213-796-9141

GL04747

Client:ERTEC

Lab Number: 810065

BERYL 08

Job Number: 437.0000

Description:80-800-45

Sample Taken on: 1/10/81 by CLIENT

Sample Received: 1/26/81

Completed on: 2/10/81 By GL,GLO

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\* STANDARD MINERALS \*

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* CATIONS *	* MG/L *	* MEQ/L *	* ANIONS *	* MG/L *	* MEQ/L *
* SODIUM *	24.8 *	1.08 *	* BICARBONATE *	140.51 *	2.30 *
* POTASSIUM *	5.8 *	0.15 *	* CARBONATE *	0.32 *	0.02 *
* CALCIUM *	36.2 *	1.81 *	* HYDROXIDE *	0.00 *	0.00 *
* MAGNESIUM *	10.1 *	0.83 *	* CHLORIDE *	35.1 *	0.99 *
* AMMONIA *	0.0 *	0.00 *	* SULFATE *	27 *	0.56 *
* *	* *	* *	* NITRATE *	1.47 *	0.10 *
*TOT CATIONS*	* 3.86 *	*TOTAL ANIONS *	* 3.98 *		

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\* SPECIAL ANALYSES \*

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* PARAMETERS *	* VALUE *	* UNITS *
* pH *	7.7 *	Units *
* Specific Conduct *	410 *	MicroMhos-cm *
* Fluoride *	0.33 *	MG/L *
* Iron *	140 *	UG/L *
* Manganese *	< 10 *	UG/L *
* Copper *	< 10 *	UG/L *
* Zinc *	150 *	UG/L *
* Silica *	69.5 *	MG/L *
* Total Diss. Sol. *	280 *	MG/L *
* Arsenic *	< 3 *	UG/L *
* Selenium *	< 3 *	UG/L *
* Mercury *	0.5 *	UG/L *
* Lead *	4 *	UG/L *
* Barium *	70 *	UG/L *
* Cadmium *	< 5 *	UG/L *
* Chromium,Tot. *	< 20 *	UG/L *
* Silver *	< 3 *	UG/L *
* Cyanide *	< 5.0 *	UG/L *
* Tot. hardness *	131.96 *	MG/L as CaCO3 *
* Alkalinity *	115.7 *	MG/L as CaCO3 *
* LANG. INDEX *	.11 *	* *

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SUBMITTED BY: Greg Oelker  
 GREGG OELKER

CHECKED BY: A. Eaton  
 A. EATON, PH.D





APPROVED BY / CHECKED BY / DRAWN BY / COMPILED BY

ACTIVITY LOCATION	LEGAL DESCRIPTION						DEPTH OF HOLE (FT.)	WATER LEVEL		COMMENTS
	TWP.	RGE.	SEC.	SUBDIV.		(FT.)		DATE		
G1	33S	18W	25	NE	NE	100'	NR	11-19-80		
M1	33S	17W	21	SE	SE	160'	NR	11-19-80		
Y1	32S	15W	31	SW	SW	100'	NR	11-19-80		
SHL2	33S	16W	10	SE	SE	160'	NR	11-19-80		

BORINGS/OBSERVATION WELLS  
BERYL VALLEY  
By: C. RICHLIN DATE: 11-19-80  
CHECKED:

