

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

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

Client:FUGRO

Lab Number:800920.

Job Number: 437.0000

Description:HM-ST-A HAMLIN VALLEY

Sample Taken on: 9/ 6/80 by CLIENT

Sample Received: 9/16/80

Completed on: 10/ 1/80 By GL

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* STANDARD MINERALS *
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* CATIONS *	* MG/L *	* MEQ/L *	* ANIONS *	* MG/L *	* MEQ/L *
* SODIUM *	28.2 *	1.23 *	* BICARBONATE *	190.7 *	3.13 *
* POTASSIUM *	5.2 *	0.13 *	* CARBONATE *	0.3 *	0.01 *
* CALCIUM *	33.0 *	1.65 *	* HYDROXIDE *	0.0 *	0.00 *
* MAGNESIUM *	16.9 *	1.39 *	* CHLORIDE *	18.2 *	0.51 *
* AMMONIA *	0.0 *	0.00 *	* SULFATE *	35.2 *	0.73 *
* * *	* * *	* * *	* NITRATE *	0.7 *	0.05 *

TOT CATIONS * 4.40 *TOTAL ANIONS* * 4.43 *

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* SPECIAL ANALYSES *
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* PARAMETERS *	* VALUE *	* UNITS *
* pH *	7.8 *	Units *
* Specific Conduct *	455.0 *	MicroMhos-cm *
* Fluoride *	0.9 *	MG/L *
* Silica *	25.5 *	MG/L *
* Total Diss. Sol. *	277.0 *	MG/L *
* Tot. hardness *	152.0 *	MG/L as CaCO3 *
* Alkalinity *	157.0 *	MG/L as CaCO3 *

* LANG. INDEX * 0.07 *

SUBMITTED BY: Grace Livingston
GRACE LIVINGSTON

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