

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

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

Client: FUGRO

Lab Number: 800774.

Job Number: 437.0000

Description: ~~TU-10-1~~ TU-5-F-1 A 8/1/80

Sample volume = 3.00 Liters

Sample Received: 8/15/80

Completed on: 8/25/80 by GL, MB

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* STANDARD MINERALS *
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* CATIONS *	* MG/L *	* MEQ/L *	* ANIONS *	* MG/L *	* MEQ/L *
* SODIUM *	* 259.9 *	* 10.37 *	* BICARBONATE *	* 275.3 *	* 4.51 *
* POTASSIUM *	* 12.9 *	* 0.33 *	* CARBONATE *	* 0.6 *	* 0.02 *
* CALCIUM *	* 27.6 *	* 1.38 *	* HYDROXIDE *	* 0.0 *	* 0.00 *
* MAGNESIUM *	* 24.6 *	* 2.02 *	* CHLORIDE *	* 261.0 *	* 7.36 *
* AMMONIA *	* 0.0 *	* 0.00 *	* SULFATE *	* 112.0 *	* 2.33 *
* *	* *	* *	* NITRATE *	* 0.2 *	* 0.02 *
* *	* *	* *	* *	* *	* *
TOT CATIONS	* 14.61	*TOTAL ANIONS*	* 14.24	* *	* *

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* SPECIAL ANALYSES *
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* PARAMETERS *	* VALUE *	* UNITS *
* pH *	* 7.9 *	* Units *
* Specific Conduct *	* 1482.0 *	* MicroMhos-cm *
* Fluoride *	* 1.5 *	* MG/L *
* Tot. hardness *	* 170.2 *	* MG/L as CaCO3 *
* TDS by Add *	* 824.4 *	* MG/L *
* Alkalinity *	* 226.8 *	* MG/L as CaCO3 *
* *	* *	* *
* LANG. INDEX *	* 0.12 *	* *

SUBMITTED BY: Andrew Eaton
ANDREW EATON

CHECKED BY: Grace Livingston
GRACE LIVINGSTON

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

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

Client: FUGRO

Lab Number: 899775.

Job Number: 437.0000

Description: ~~TU-WQ-2~~ T4-S-F-1 B
 8/9/80

Sample volume = 3.00 Liters

Sample Received: 8/15/80

Completed on: 8/25/80 by GL, MB

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 * STANDARD MINERALS *
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* CATIONS *	* MG/L *	* MEQ/L *	* ANIONS *	* MG/L *	* MEQ/L *
* SODIUM *	* 246.0 *	* 10.70 *	* BICARBONATE *	* 285.7 *	* 4.68 *
* POTASSIUM *	* 14.0 *	* 0.36 *	* CARBONATE *	* 0.6 *	* 0.02 *
* CALCIUM *	* 16.7 *	* 0.83 *	* HYDROXIDE *	* 0.0 *	* 0.00 *
* MAGNESIUM *	* 32.9 *	* 2.71 *	* CHLORIDE *	* 265.2 *	* 7.48 *
* AMMONIA *	* 0.0 *	* 0.00 *	* SULFATE *	* 112.0 *	* 2.33 *
* * *	* * *	* * *	* NITRATE *	* 0.2 *	* 0.01 *
* * *	* * *	* * *	* * *	* * *	* * *

TOT CATIONS * 14.60 *TOTAL ANIONS* * 14.53 *

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 * SPECIAL ANALYSES *
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* PARAMETERS *	* VALUE *	* UNITS *
* pH *	* 7.9 *	* Units *
* Specific Conduct *	* 1492.0 *	* MicroMhos-cm *
* Fluoride *	* 1.6 *	* MG/L *
* Tot. hardness *	* 177.2 *	* MG/L as CaCO3 *
* TDS by Add *	* 328.2 *	* MG/L *
* Alkalinity *	* 235.4 *	* MG/L as CaCO3 *
* * *	* * *	* * *
* LANG. INDEX *	* -0.07 *	* * *

SUBMITTED BY: Andrew Eaton
 ANDREW EATON

CHECKED BY: Grace Livingston
 GRACE LIVINGSTON