

EXXON MINERALS COMPANY
 HIGHLAND URANIUM OPERATIONS
 SOLUTION MINE

Analysis of Samples from Wells E-0-7, 8, and 9

EXCURSION INDICATORS

Date Sampled	Analysis in mg/l														
	Chloride			Sulfate			Carbonate			Bicarbonate			Uranium		
	E-0-7	E-0-8	E-0-9	E-0-7	E-0-8	E-0-9	E-0-7	E-0-8	E-0-9	E-0-7	E-0-8	E-0-9	E-0-7	E-0-8	E-0-9
UCL	90	20	128	112	94	106	44	44	68	240	252	238	5	5	5
12-22-80	41	31	20	109	102	105	<1	<1	<1	140	198	128	<1	<1	<1
12-30-80	47	35	18	109	94	100	<1	<1	<1	140	201	128	<1	<1	<1
01-05-81	70	36	16	104	89	103	<1	<1	<1	183	201	128	<1	<1	<1
01-12-81	45	31	16	113	90	108	<1	<1	<1	128	207	134	<1	<1	<1
01-20-81	45	30	14	123	94	113	<1	<1	<1	104	207	128	<1	<1	<1

SUPPLEMENTARY INDICATORS

	Sodium			Arsenic			Selenium			pH		
	E-0-7	E-0-8	E-0-9	E-0-7	E-0-8	E-0-9	E-0-7	E-0-8	E-0-9	E-0-7	E-0-8	E-0-9
UCL	-	-	-	-	-	-	-	-	-	9.4	9.6	10.7
12-22-80	**	**	**	**	**	**	**	**	**	8.6	7.7	6.7
12-30-80	60	58	53	<.01	<.01	<.01	<.01	.06	.01	7.9	7.3	6.6
01-05-81	*	*	*	<.01	<.01	<.01	<.01	.08	.02	7.4	7.2	6.8
01-12-81	*	*	*	*	*	*	<.01	.06	.01	8.5	7.4	6.7
01-20-81	*	*	*	*	*	*	*	*	*	*	*	*

* These assays were not available as of 01-23-81.
 ** These assays were not conducted on these samples.

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