THE ANACONDA COMPANY
URANIUM-NAT. ppm

SAMPLE	1976 May	1976 Nov.	1977 May	1977 Nov.	1978 May	1978 June	1978 July	1978 Aug.	1978 Sept.	1978 Oct.	1978 Nov.			
Paguate Upstream	0.004	0.005	0.006	0.006	0.002	NS	0.005	0.004	0.002	0.004	0.004			
Moquino Upstream	0.02	0.01	0.01	0.006	0.006	NS	NS	0.02	0.01	0.01	0.01			
Paguate — just above confluence					NS	NS	0.36	0.90	0.48	0.49	0.29			
Moquino — just above confluence					NS	NS	NS	0.10	0.01	0.18	0.06			
Ford Crossing Downstream	0.13	0.15	0.48	0.14	0.30	NS	0.47	0.47	0.29	0.51	0.18			
Mouth of Oak Canyon Wash					NS	NS	NS	NS	NS	0.37	NS			
Paguate Reservoir	0.51	0.75	0.70	0.08	0.64	NS	NS	0.07	0.002	0.21	0.11			
Old Shop					NS	NS	NS	NS	0.09	0.14	0.10			
New Shop	0.008	0.007	0.007	0.01	0.004	0.01	0.005	0.01	0.004	0.007	0.005			
Jackpile Well #4	0.004	0.004	0.003	0.005	0.007	0.01	0.004	0.006	0.004	0.009	0.004			

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Confidential Claim Retracted
Authorized by: SC
Date: 6/24/13

9404177

THE ANACONDA COMPANY
RADIUM-226 pCi/l

SAMPLE	1976 May	1976 Nov.	1977 May	1977 Nov.	1978 May	1978 June	1978 July	1978 Aug.	1978 Sept.	1978 Oct.	1978 Nov.			
Paguate Upstream	< 2.0	< 2.0	< 2.0	<2.0	<0.20	NS	0.50	0.30	0.20	0.30	0.40			
Moquino Upstream	< 2.0	< 2.0	< 2.0	<2.0	<0.20	NS	NS	0.60	1.30	0.20	0.20			
Paguate -- just above confluence					NS	NS	0.80	9.70	5.40	4.90	7.0			
Moquino -- just above confluence					NS	NS	NS	0.70	6.70	2.60	3.90			
Ford Crossing Downstream	< 2.0	2.20	2.23	<2.0	4.30	NS	3.60	4.70	12.10	4.80	7.10			
Mouth of Oak Canyon Wash					NS	NS	NS	NS	NS	4.80	NS			
Paguate Reservoir	< 2.0	< 2.0	3.78	<2.0	<0.20	NS	NS	0.80	6.0	0.50	0.60			
Old Shop					NS	NS	NS	NS	2.10	1.80	1.30			
New Shop	< 2.0	< 2.0	< 2.0	2.40	0.20	0.60	2.60	1.60	0.50	2.80	1.80			
Jackpile Well #4	< 2.0	< 2.0	< 2.0	<2.0	0.60	0.40	0.70	0.30	0.20	0.60	0.60			

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Rio Paguate Upstream

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Rio Paguate Upstream	02/06/78			8.2		237	Nil	10	85	28		61	45		
Rio Paguate Upstream	05/10/78		2150	8.12	1499	259	Nil	19	869	167		131	92		0.1
Rio Paguate Upstream	07/17/78		790	8.27	547	278	Nil	12	172	39	10.5	71	36	19	1
Rio Paguate Upstream	08/18/78		810	8.29		299	Nil	10	127	36		79	32		
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Rio Paguate Upstream	08/28/78	.006	0.16	0.001	0.005	0.39	0.0005	1	0.01	0.003	0.002		0.002	.05	0.5
	05/10/78							1				0.1			
	07/17/78							1				1			
	08/18/78							1							
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Rio Paguate Upstream	08/29/78	0.005	0.01	0.005	0.05	0.1	0.01								

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Rio Moquino Upstream

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SIO2 ppm	Mn ppm
Río Moquino Upstream	02/06/78			8.2		292	Nil	18	857	212		158	104		
Rio Moquino Upstream	05/10/78		2300	8.2	1641	279		18	963	188		146	100		0.1
Rio Moquino Upstream	08/29/78		3100	8.1		263	Nil	28	1580	285		255	162		
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Rio Moquino Upstream	08/29/78	0.006	0.52	0.005	0.005	0.39	0.0005	1	0.01	0.003	0.007	0.1	0.026	0.05	0.5
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Río Moquino Upstream	08/29/78	0.005	0.01	0.005	0.05	0.1	0.019								

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Rio Paguate Above Confluence

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Rio Paguate above confluence	08/24/78		2700	8.17	1379	519	Nil	25	1172	160	17.8	210	190	11	.1
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Rio Paguate above confluence	08/29/78	0.006	0.38	0.001	0.005	0.51	0.0005	1	0.01	0.004	0.002	.1	0.001	0.05	0.5
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Rio Paguate above confluence		0.0005	0.01	0.005	0.05	0.1	0.010								

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Rio Moquino Above Confluence

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Rio Moquino Above Confluence	08/24/78		3400	8.20	3080	262	Nil	27	1754	280	16.4	300	180	9	.1
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Rio Moquino Above Confluence	08/29/78	.006	0.44	0.001	0.005	0.51	0.0005	2	0.01	0.006	0.003	.1	0.004	0.05	0.5
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Rio Moquino Above Confluence	08/29/78	0.005	0.01	0.005	0.05	0.1	0.10								

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Ford Crossing Downstream

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Ford Crossing Downstream	02/06/78			8.35		273	2	19	710	176		126	86		
Ford Crossing Downstream	05/10/78		1500	8.29	999	234	Nil	13	503	105		94	65		0.1
Ford Crossing Downstream	07/17/78		3000	8.21	2548	283	Nil	27	1449	260	15.3	180	32	10	1
Ford Crossing Downstream	08/17/78		3100	8.09		300	Nil	25	1536	270		230	165		
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Ford Crossing Downstream	08/29/78	0.006	0.58	0.001	0.005	0.54	0.0005	1	0.01	0.005	0.002	0.1	.005	0.05	0.5
	05/10/78							1				1			
	07/17/78							1							
	08/18/78							1							
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Ford Crossing Downstream	08/29/78	0.005	0.01	0.005	0.05	0.1	0.10								

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PAGUATE RESERVOIR

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Paguate Reservoir	02/06/78			7.9		381	Nil	29	1791	353		328	158		
Paguate Reservoir	05/10/78		3900	7.90	3320	234	Nil	42	2042	400		310	173		0.1
Paguate Reservoir	08/24/78		1300	7.87		125	Nil	9	541	64		140	32		
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Paguate Reservoir	08/29/78	0.014	0.18	0.001	0.005	0.54	0.0005	1	0.01	0.004	0.003	0.1	0.007	0.05	0.5
	05/10/78							1							
	08/24/78							1							
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Paguate Reservoir	08/29/78	0.005	0.01	0.005	0.05	0.1	0.012								

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OAK CANYON WASH

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Oak Canyon Wash	08/11/78		2200	7.45	1424	397	6	30	697	400	8	53	35	8	.1
	10/24/78		1200	7.18		106	Nil	26	425	125	11	72	15	11	.1
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Oak Canyon Wash	10/24/78	0.028	0.05	0.001	0.005	0.47	0.0005	2	0.02	0.001	.005	.1	.017	0.05	0.5
								1				4.20			
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Oak Canyon Wash	10/24/78	0.005	0.01	0.005	0.05	0.10	.01								

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Old Shop

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Old Shop	09/18/78		2200	9.24	1424	311	Nil	31	726	440	8	53	35	8	.1
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Old Shop	09/18/78	0.01	0.05	.001	.005	1.02	.0005	5	0.11	.001	.003	.1	0.02	0.05	0.5
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Old Shop	09/18/78	.005	0.01	.005	0.05	0.10	.01								

Jackpile New Shop

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Jackpile New Shop	02/06/78			8.7		365	6	18	341	328		8	4		
	05/10/78		2300	8.2	1326	380		27	683	475		13	1		0.1
	08/18/78		2300	8.3		372	2	28	683	480		14	1		
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Jackpile New Shop	07/ /77	0.01	0.04	0.007	0.03	1.18	0.0005	1	0.01	0.001	0.004	0.3	0.058	0.01	1.0
	05/10/78							1							
	08/18/78							2							
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Jackpile New Shop	07/ /77	0.001	0.01	0.001			0.01								

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Jackpile Well #4

DESCRIPTION	DATE		Elect. Cond.	PH	TDS ppm	HCO3 ppm	CO3 ppm	Cl ppm	SO4 ppm	Na ppm	K ppm	Ca ppm	Mg ppm	SiO2 ppm	Mn ppm
Jackpile Well #4	02/06/78			8.7		365	16	18	341	328		8	4		
Jackpile Well #4	05/10/78		1500	8.6	789	361	15	18	356	305		3	1		0.1
Jackpile Well #4	08/07/78		1500	8.7		365	17	18	339	300		5			
		As ppm	Ba ppm	Cd ppm	Cr ppm	F ppm	Hg ppm	NO3 ppm	Se ppm	Ag ppm	Cu ppm	Fe ppm	Zn ppm	Al ppm	B ppm
Jackpile Well #4		0.01	0.04	0.005	0.02	0.18	0.0005	1	0.01	0.001	0.004	0.1	0.11	0.01	1.0
								1							
								1							
		Co ppm	Mo ppm	Ni ppm	V ppm	PO4 ppm	Pb ppm								
Jackpile Well #4		0.001	0.01	0.003			.01								

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