#17311

IOWA GEOLOGICAL SURVEY In-Cooperation with U.S. Geological Survey RECORD OF WELL

W. OF HIGHWAY 218 Location: N.W. OF RANCH SUPPER CLUB
Town: Cou FALLS' (NE) County JOHNSON (S.V) NW SWNWSWSec. H, T.81, N. , R. 7 (W) JEFFENSON TWP.
Well name and number
Owner A.J. JOHNSON Address (20.000) bloi' (TIMBERLAKE ESTATRS) Tenunt Address blog on blog A
Contractor D.E. EDWARDS Address WEST BRANCHING
Drillers WAYNE SMITH
Drilling detas Nov. 64
Well data: Altitudes: Drilling curbfect; Land surface <u>8/0</u> feet
Determined by Jopp
Topographic position
Total depth: Reported 390 feet; Measured 391 feet
Drilling method ROTARY
Hole and casing data <u>5"</u>
Original depth to waterfr. belowDate

Sources c	of water: Principal	In Careers e
the second s	Others	2 /Sp
	PREDUCTION	
Date		
Static water level		
Pumping water lev	vel	
Yield (g.p.m.)	Advert	Owner 2
Measuring point	and the second	Succession of the second s
Duration of pumpi	ng	Contractor
Specific capacity		<u>- 194</u>
	LABORATORY I	
Well No. #17	311 Sample range/80	PL6-30 8-39/ No. of samples /9
		Washed range 188-391
		Date 3/12/65
		Date 11/24/65
Correlations by	15	Data 11/29/65

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STATE	HYGIENIC	LABORATORY,	DES MOINES B	RANCH	LAB. NO.	1434
		LABORATORY			MINERAL NO.	4760
017311		VERAL ANALYS			12 Jan	
						1.4
TOWN	Cou Falls		COUNTY	John	ISON	12
OWNER OF SUPPLY	A J Johns	on	and the second second			
COLLECTOR'S NAME	Iowa Geol	ogical Survey	(J W C)		1.1	
DATE COLLECTED	30 Nov 19	64	DATE RECEIVED	4 De	c 1964	_
REPORT TO: NAME	Iowa Geol	ogical Survey				
			a marte			
		FIEL	D DATA			
SOURCE: WELL NAME,	NUMBER, POINT	OF COLLECTION. DEPT	TH, CONSTRUCTION DAT	TE ETC.		
Martin Martin			pump, 390 ft	and the second sec	led Nov 19	64.
	199-189 ()		A CONTRACTOR OF THE OWNER			
WELL PUMPED	3 HRS. A	T 15 GP	M. DATE OF PREVIOUS	S SAMPLE	None	
WAS SAMPLE FREE C					none	
	and the second se		т		24	1.0
IS A POLYPHOSPHAT					pH	
IS A TOLITIOSTIA	L DEING USED					
CAR LA GALLAN -		and the second	A State of the second			
· Alterna Barriston			Nuclear Inc.			
		LABORATOR				
	E K AT 25°C	(PARTS PE	R MILLION)			
		(PARTS PE 72.5	R MILLION)		0.22	
DISSOLVED SOLIDS	427	(PARTS PE 72.5	R MILLION) x 10 ⁻⁵ . TURBIDITY SOLUBLE IRON	(Fe)	0.00	
DISSOLVED SOLIDS	427 427	(PARTS PE 72.5 	R MILLION) x 10 ⁻⁵ . TURBIDITY 	(Fe) OTAL IRON (Fe)	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO	427 427 ₃) PNone	(PARTS PE 72.5 	R MILLION) x 10 ⁻⁵ . TURBIDITY SOLUBLE IRON 11.8 	(Fe) OTAL IRON (Fe) DATE4	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION	427 427 ₃) <u>PNone</u> IS	(PARTS PE 72.5 	R MILLION) X 10 ⁻⁵ TURBIDITY SOLUBLE IRON 11.8 T PH 7.2 NEGATIVE	(Fe) OTAL IRON (Fe) DATE4 E IONS	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+	427 427 ₃) <u>P</u> None IS5	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS 0.1	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na +	427 427 3) PNone IS 5 15	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS 0.1 0.3	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca++	427 427 ₃) <u>P</u> None Is5 15. 85.	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS 0.1 0.3 10	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca++ Mg+ +	427 427 3) P_None is 5 5 5 5 5 5 5 5 5 5 5	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS1 0.3 10 85.8	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca++ Mg+ + Mn++	427 427 ₃) <u>P</u> None Is5 15 85.	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS 0.1 0.3	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca++ Mg+ +	427 427 3) P_None is 5 5 5 5 5 5 5 5 5 5 5	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS 0.1 0.3	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca++ Mg+ + Mn++	427 427 3) P_None is 5 5 5 5 5 5 5 5 5 5 5	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS 0.1 0.3	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca++ Mg+ + Mn++	427 427 3) P_None is 5 5 5 5 5 5 5 5 5 5 5	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS 0.1 0.3	0.22	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca + + Mg + + Mn + + AI + + +	427 427 3) P_None is 5 5 5 5 5 5 5 5 5 5 5	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE 4 E IONS 0.1 0.3 10 85.8 364 None	0.22 Dec 1964	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca + + Mg + + Mn + + AI + + +	427 427 3) P_None is 	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE4 E IONS 0.1 0.3	0.22 Dec 1964	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca ++ Mg ++ Mn ++ AI+++	427 427 3) P_None is 	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE 4 E IONS 0.1 0.3 10 85.8 364 None	0.22 Dec 1964	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca++ Mg++ Mn++	427 427 3) P_None is 	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE 4 E IONS 0.1 0.3 10 85.8 364 None	0.22 Dec 1964	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca ++ Mg ++ Mn ++ AI+++	427 427 3) P_None is 	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE 4 E IONS 0.1 0.3 10 85.8 364 None	0.22 Dec 1964	
DISSOLVED SOLIDS TOTAL SOLIDS ALKALINITY (ppm CaCO POSITIVE ION K+ Na + Ca ++ Mg ++ Mn ++ AI+++	427 427 3) P_None is 	(PARTS PE 72.5 	R MILLION) 	(Fe) OTAL IRON (Fe) DATE 4 E IONS 0.1 0.3 10 85.8 364 None	0.22 Dec 1964	

Transferration

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STATE		BORATORY	DIVISION	NES BR	ANCH	MINERAL NO	4791
Salar Call	MINE	RAL ANALYS	SIS			25 Feb	19 65 •
TOWN	Cou Falls		COUNTY		In	hnson	1.15.19
OWNER OF SUPPLY			COUNTY	201		111501	
COLLECTOR'S NAME			ev (115)				
DATE COLLECTED				EIVED	10	Fab 1965	
REPORT TO: NAME	Lowa Geolog	ical Surve	DATE REC		12	1 60 1905	
	Iowa City,	1 mm					
			·				
		FIE	LD DATA				
SOURCE: WELL NAME, I	NUMBER, POINT OF	COLLECTION, DEF	TH, CONSTRUC	TION DATE.	ETC.		
	A J Johnson						from
	pump. T.D.						
WELL PUMPED 2 1/3		60 g	PM. DATE OF	PREVIOUS	SAMPLE		
WAS SAMPLE FREE OF							
TEMPERATURE °C_56							
IS A POLYPHOSPHATE						pri	
SPECIFIC CONDUCTANCE	K AT 25°C	(PARTS P	RY ANALYSIS				
DISSOLVED SOLIDS						1.1	
TOTAL SOLIDS		SILICA (Si Oz)					
ALKALINITY (ppm CaCO3							
POSITIVE IONS				NEGATIVE I			
K+	4.0			NO3-			
Na +	22.2			F-	0.3		
Ca++	110			CI-	< 0.5		
Mg++	43.7				208		
Mn + +	< 0.05			HCO3-	364		
AI+++	*			CO3	None		
	11/26			5			
The second							
HARDNESS AS CoCO3 _		456	_ ppm	20	5.6 gp]	
ANALYST_Schwabb	auer, Piers	on	Rate Carl		R. L. MOR		
				DDI	NCIDAL C	HEMICT	

PRINCIPAL CHEMIST

WATER 017311 M TOWN COU Fall OWNER OF SUPPLY A J Joh COLLECTOR'S NAME A J Joh COLLECTOR'S NAME A J Joh DATE COLLECTED ASSUME REPORT TO: NAME H G Her ADDRESS IOWA GE SOURCE: WELL NAME, NUMBER, POIN A J Joh Well WELL PUMPED HRS. WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °C ALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P NONE POSITIVE IONS K* L Na + 33 Ca + + 142 Mg + + 55 Mn + + 4 AI+++ 4 MG + + 4 MG + + 4 AI+++ 4 MG + + 4 MG + 4	LABORATORY	, DES MOINES BRANCH DIVISION	LAB. NO	1031
OITT SIT M TOWN Cou Fal OWNER OF SUPPLY A J Joh COLLECTOR'S NAME A J Joh DATE COLLECTED Assume REPORT TO: NAME H G Her ADDRESS Iowa Ge SOURCE: WELL NAME, NUMBER, POINT A J Joh WELL PUMPED HRS. WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °C ALKALINITS (PPMOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 SPECIFIC CONDUCTANCE K AT 25°C DISSOLVED SOLIDS 814 MARDNESS AS Laco3) P_NONE POSITIVE IONS K+ 142 Mg++ 33 Ca++ 142 Mg++ 53 Mart++ 54 Mg++ 55 Mart++ 55 Mart++ 55 Mart++ 55 Mg++ 55 Mg++ 55 Mart+++ 55 Mart+++ 55 Mart++++ 55	INERAL ANALYS	DIVISION		
TOWN Cou Fal OWNER OF SUPPLY A J Joh COLLECTOR'S NAME A J Joh DATE COLLECTED Assume REPORT TO: NAME H G Her ADDRESS Iowa Ge SOURCE: WELL NAME, NUMBER, POINT A J Joh Well Well Well Well Well PUMPED HRS. WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °C A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P_NONE POSITIVE IONS K* L Na + .33 Ca + + 142 Mg + + .53 Ma + + .64 AI+++ .64			MINERAL NO	2220
OWNER OF SUPPLY A J Joh COLLECTOR'S NAME A J Joh DATE COLLECTED AS SUME REPORT TO: NAME H G Her ADDRESS I OWA Ge SOURCE: WELL NAME, NUMBER, POIN A J Joh Well WELL PUMPED HRS. WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °C ALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 TOTAL SOLIDS 814 NA H 33 Ca++ 142 Mg++ 53 Mn++ C AI+++ 4 MATH AI+++ C ALKALINITY (PRICACO3 MONE) 142 MO turbi	1s	SIS	<u>5</u> Jan	1967
COLLECTOR'S NAMEA J Joh DATE COLLECTEDAS sume REPORT TO: NAMEH G Her ADDRESSADDRESSADDRESSA J Joh A J Joh 		COUNTY	Johnson	
REPORT TO: NAMEH G Her ADDRESS IOWA Ge SOURCE: WELL NAME, NUMBER, POIN A J Joh well Well PUMPEDHRS. WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °CALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALINITY (PPM CaCO ₃) PNONE POSITIVE IONS K*ALKALINITY (PPM CaCO ₃) PNONE No +ALKALINITY (PIN CACO ₃) PALKALINITY (PIN CACO ₃) P	nson			
REPORT TO: NAMEH G Her ADDRESS IOWA Ge SOURCE: WELL NAME, NUMBER, POIN A J Joh well Well PUMPEDHRS. WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °CALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C. DISSOLVED SOLIDSALKALINITY (PPM CaCO ₃) PNONE POSITIVE IONS K*ALKALINITY (PPM CaCO ₃) PNONE No +ALKALINITY (PIN CACO ₃) PALKALINITY (PIN CACO ₃) P	nson			
ADDRESS I OWA Ge	24 Oct 1966	DATE RECEIVED	27 Oct 196	6
SOURCE: WELL NAME, NUMBER, POIN A J Joh well Well PUMPED	shey			
WELL PUMPED HRS. WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °C ALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P None POSITIVE IONS K+ 142 Na + 33 Ca + + 142 Mg + + 53 Mn + + 6 AI+++	ological Surv	ey, Iowa City, Iowa		
A J Joh well well WELL PUMPED HRS. WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °C ALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P None POSITIVE IONS K* 4 Na + 33 Ca + 33 No turbi	FIE	ELD DATA		
WELL PUMPED				
WELL PUMPED	and the second		A CARL SHE WAS A CARL	
WAS SAMPLE FREE OF TURBIDITY TEMPERATURE °CALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C- DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) PNone · POSITIVE IONS K+A Na +33 Ca++42 Mg++53 Mn++64 AI+++64 AI+++64 No turbi		vember 1964 TD=391'	cased to 200	'±
TEMPERATURE °C ALKALIN IS A POLYPHOSPHATE BEING USE SPECIFIC CONDUCTANCE K AT 25°C DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P None POSITIVE IONS K* 1 Na +		PM. DATE OF PREVIOUS SAMPLE	1964	
SPECIFIC CONDUCTANCE K AT 25°C- DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P None POSITIVE IONS K* Na +33 Ca + +42 Mg + +53 Mn + + AI+++ HARDNESS AS CaCO ₃ No turbi	The state of the second second	and the second		1
SPECIFIC CONDUCTANCE K AT 25°C- DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P_None POSITIVE IONS K+ 4 Na + 33 Ca++ 142 Mg++ 53 Mn++ 6 AI+++ 4 Ma+ 6 AI+++ 6 AI+++ 7 No turbi	JITY (ppm CaCO ₃) P	TT	рН	
SPECIFIC CONDUCTANCE K AT 25°C- DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P None POSITIVE IONS K* // Na + 33 Ca + + 142 Mg + + 53 Mn + + 0 AI+++	:D ?			1 1 3
SPECIFIC CONDUCTANCE K AT 25°C- DISSOLVED SOLIDS 814 TOTAL SOLIDS 814 ALKALINITY (ppm CaCO ₃) P None POSITIVE IONS K* // Na + 33 Ca + + 142 Mg + + 53 Mn + + 0 AI+++				A
ALKALINITY (ppm CaCO ₃) P_None POSITIVE IONS K* Na +33 Ca + +42 Mg + +53 Mn + + AI + + + MARDNESS AS CaCO ₃ No turbi	Carlos and the second			
ALKALINITY (ppm $CaCO_3$) P_None POSITIVE IONS K+ Na +33 Ca + +42 Mg + +53 Mn + + AI + + + HARDNESS AS $CaCO_3$ No turbi	(PARTS P	RY ANALYSIS DER MILLION) X 10 ⁻⁵ . TURBIDITY SOLUBLE IRON (Fe)	3.9	
POSITIVE IONS K* 142 Na + 33 Ca ++ 142 Mg++ 53 Mn++ AI+++ AI+++ IARDNESS AS CaCO3 No turbi	SILICA (SI 02)	14 TOTAL IRO	N (Fe) 3.9	
$ \begin{array}{ccccccc} $	т311	PH7.3DATE	27 Oct 196	6
Na + _33 Ca + + _142 Mg + + _53 Mn + + _64 Al + + + _64 HARDNESS AS CaCO3 _64 No turbi _64		NEGATIVE IONS		No.
Ca++ 142 Mg++ 53 Mn++ 0 Al+++	1.8	NO3 - asN0	.4	
Mg++ 53 Mn++ 0 AI+++	and the second s	FO.	.35	
Mn++ AI+++ MARDNESS AS CaCO ₃ No turbi	THE STREET	ci – <u>1</u>		
AI+++ MARDNESS AS CaCO ₃ No turbi	.5	so4 350		
IARDNESS AS CaCO3 No turbi	0.06	нсо3- 379		
No turbi	- Alexandra Cardon	co3 None		
	The Part Providence	State State States of the states		
No turbi				
No turbi	all and the second			
	575	ppm33.6	. gpg	A. S. S. S.
Slightly		ion by collector.	1	A Start
The set of	cloudy on re	eceipt in lab.		
NALYST Ryan, Pierson				
WALTST TYRIL, FICISUI		R. L. M	NURRIA	

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