

WaterTestSM

33 S. COMMERCIAL STREET, MANCHESTER N.H. 03101

CORPORATION

REPORT

WATER ANALYSIS REPORT

Customer

VALLE MINING CO
ATTN: JOHN HARRISON
8101 EDINBURGH
CLAYTON
MO 63105

Water source

ARTESIAN WELL
AT VALLES MINES MO.

Date sampled : 23 JUN 86

Sample number: 175004

The following test parameters were found to be outside the Maximum Contaminant Levels (MCL) set by the Safe Drinking Water Act (SDWA) or WaterTest's recommended limits:

Hardness

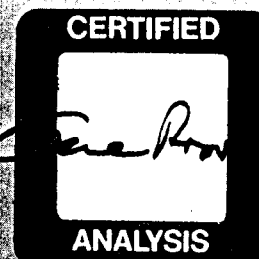
Any parameter outside these limits will be marked with a double asterisk on either side of the result -- for example, ****0.014****. The WaterTest manual -- **THE WATER YOU DRINK** -- is an integral part of this report and should be read in conjunction with the analysis. Please note that the medical hazards of certain levels of contamination are often a function of the individual water consumer's health, diet, age and physical and mental condition.

ANALYTICAL RESULTS

Parameter	MCL	YOUR RESULTS	Parameter	MCL	YOUR RESULTS
Arsenic	0.050	< 0.010	Barium	1.00	0.57
Cadmium	0.010	< 0.005	Chromium	0.050	< 0.010
pH	8.5	7.5	Mercury	0.002	< 0.0005
Nitrate	10.00	< 0.10	Selenium	0.010	< 0.005
Silver	0.050	< 0.010	Fluoride	2.40	< 0.10
Chloride	250.0	4.0	Iron	0.300	0.120
Manganese	0.050	0.046	Sodium	100.	5.
Hardness	250.	** 331. **	Zinc	5.00	< 0.50
Lead	0.050	0.008	Total Coli.	1.	< 1.
Nickel		< 0.50	Copper	1.000	< 0.200
Magnesium		37.9	Potassium		< 25.0
Alkalinity		>200.	Sulfate	250.0	14.0
TDS	500.0	403.3	Calcium		70.0

All results are in milligrams/liter except pH and Coliform counts.

< means "less than"
> means "greater than"



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Customer: VALLE MINING CO
ATTN: JOHN HARRISON
8101 EDINBURGH
CLAYTON
MO 63105

Water source: ARTESIAN WELL AT
VALLES MINES MO

Date sampled : 23 JUN 86

Sample number: 175006

The following test parameters were found to be outside the Maximum Contaminant Levels (MCL) set by the Safe Drinking Water Act (SDWA) or WaterTest's recommended limits:

NO PARAMETERS OUTSIDE LIMITS

Any parameter outside these limits will be marked with a double asterisk on either side of the result - for example, ****0.014****. The WaterTest manual - **THE WATER YOU DRINK** - is an integral part of this report and should be read in conjunction with the analysis. Please note that the medical hazards of certain levels of contamination are often a function of the individual water consumer's health, diet, age and physical and mental condition.

ANALYTICAL RESULTS

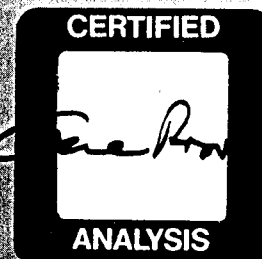
Parameter	YOUR RESULTS	Parameter	YOUR RESULTS
Benzene	ND	Chlorobenzene	ND
Ethylbenzene	ND	Toluene	ND
1,2-dichlorobenzene	ND	1,3-dichlorobenzene	ND
1,4-dichlorobenzene	ND		

The minimum detection level for benzene, ethylbenzene, and toluene is 0.001 mg/l. For all other compounds, the minimum detection level is 0.005 mg/l.

All results are in milligrams/liter except pH and Coliform counts.

< means "less than".
> means "greater than".

ND means "not detectable".



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REPORT

WATER ANALYSIS REPORT

Customer

VALLE MINING CO
ATTN: JOHN HARRISON
8101 EDINBURGH
CLAYTON
MO 63105

Water source

ARTESIAN WELL AT
VALLES MINES MO

Date sampled : 23 JUN 86

Sample number: 175005

The following test parameters were found to be outside the Maximum Contaminant Levels (MCL) set by the Safe Drinking Water Act (SDWA) or WaterTest's recommended limits:

NO PARAMETERS OUTSIDE LIMITS

Any parameter outside these limits will be marked with a double asterisk on either side of the result -- for example, ****0.014****. The WaterTest manual -- **THE WATER YOU DRINK** -- is an integral part of this report and should be read in conjunction with the analysis. Please note that the medical hazards of certain levels of contamination are often a function of the individual water consumer's health, diet, age and physical and mental condition.

ANALYTICAL RESULTS

Parameter	YOUR RESULTS	Parameter	YOUR RESULTS
Carbon tetrachloride	ND	Chlorobenzene	ND
1,2-dichloroethane	ND	1,1,1-trichloroethane	ND
1,1-dichloroethane	ND	1,1,2-trichloroethane	ND
1,1,2,2-tetrachloroethane	ND	Chloroethane	ND
2-chloroethylvinyl ether	ND	Chloroform	ND
1,1-dichloroethylene	ND	1,2-trans-dichloroethylene	ND
1,2-dichloropropane	ND	1,3-dichloropropylene	ND
Methylene chloride	ND	Methyl chloride	ND
Methyl bromide	ND	Bromoform	ND
Dichlorobromomethane	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	Chlorodibromomethane	ND
Tetrachloroethylene	ND	Trichloroethylene	ND
Vinyl chloride	ND	Ethylene dibromide (EDB)	ND

The minimum detection level is approximately 0.002 mg/l.

All results are in milligrams/liter except pH and Coliform counts.

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ND means "not detectable".

CERTIFIED

ANALYSIS

WaterTestSM

33 S. COMMERCIAL STREET, MANCHESTER N.H. 03101

CORPORATION

REPORT

WATER ANALYSIS REPORT

Customer
VALLE MINING CO
ATTN: JOHN HARRISON
8101 EDINBURGH
CLAYTON
MO 63105

Water source
ARTESIAN WELL

Date sampled : 30 JUN 86

Sample number: 193022

The following test parameters were found to be outside the Maximum Contaminant Levels (MCL) set by the Safe Drinking Water Act (SDWA) or WaterTest's recommended limits:

NO PARAMETERS OUTSIDE LIMITS

Any parameter outside these limits will be marked with a double asterisk on either side of the result -- for example, ****0.014****. The WaterTest manual -- THE WATER YOU DRINK -- is an integral part of this report and should be read in conjunction with the analysis. Please note that the medical hazards of certain levels of contamination are often a function of the individual water consumer's health, diet, age and physical and mental condition.

ANALYTICAL RESULTS

Parameter	YOUR RESULTS	Parameter	YOUR RESULTS
2,4-D	ND	2,4,5TP silvex	ND

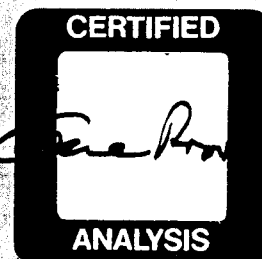
The minimum detection level is approximately 0.005 mg/l.

All results are in milligrams/liter except pH and Coliform counts.

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> means "greater than".

ND means "not detectable".

ANALYSIS PERFORMED BY FRUIT GROWERS LABS



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WATER ANALYSIS REPORT

Customer
VALLE MINING CO
ATTN: JOHN HARRISON
8101 EDINBURGH
CLAYTON
MO 63105

Water source
ARTESIAN WELL

Date sampled : 30 JUN 86

Sample number: 193021

The following test parameters were found to be outside the Maximum Contaminant Levels (MCL) set by the Safe Drinking Water Act (SDWA) or WaterTest's recommended limits:

NO PARAMETERS OUTSIDE LIMITS

Any parameter outside these limits will be marked with a double asterisk on either side of the result -- for example, ****0.014****. The WaterTest manual -- THE WATER YOU DRINK -- is an integral part of this report and should be read in conjunction with the analysis. Please note that the medical hazards of certain levels of contamination are often a function of the individual water consumer's health, diet, age and physical and mental condition.

ANALYTICAL RESULTS

Parameter	YOUR RESULTS	Parameter	YOUR RESULTS
Aldrin	ND	Dieldrin	ND
Chlordane	ND	4,4'-DDT	ND
4,4'-DDE	ND	4,4'-DDD	ND
A-endosulfan	ND	B-endosulfan	ND
Endosulfan sulfate	ND	Endrin	ND
Endrin aldehyde	ND	Heptachlor	ND
Heptachlor epoxide	ND	α-BHC	ND
b-BHC	ND	γ-BHC	ND
d-BHC	ND	PCB-1242	ND
PCB-1254	ND	PCB-1221	ND
PCB-1232	ND	PCB-1248	ND
PCB-1260	ND	PCB-1016	ND
Toxaphene	ND	Methoxychlor	ND

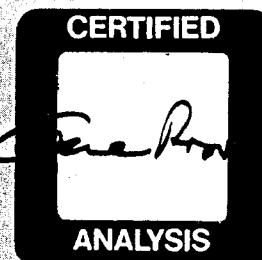
The minimum detection level is 0.001 mg/l (0.0001 mg/l for Endrin).

All results are in milligrams/liter except pH and Coliform counts.

< means "less than".

> means "greater than".

ND means "not detectable".
ANALYSIS PERFORMED BY FRUIT GROWERS LABS





GROSS ALPHA/GROSS BETA SCAN

CUSTOMER: Valle Mining Company
8101 Edinburgh Drive
St Louis, MO 63105

SOURCE: N/A

Sampling Date: 11/09/86
Sampling Time: 1:30 P.M.
Sample Number: 315059

DATA

	<u>pCi/L</u>
Gross Alpha	2 +/- 1.7
Gross Beta	14 +/- 7.9

All results expressed in picocuries per liter
Analysis performed by FGL Environmental #84712
< means less than

NANCO LABS, INC.

WATERTEST CORP.
P. O. BOX 6360
33 S. COMMERCIAL ST.
MANCHESTER, N. H. 03108-6360
ATTN: HOLLY DAVIS

Date Received: 11/12/86
Date Reported: 12/17/86

WET CHEMISTRY DATA

CLIENT SAMPLE ID	NANCO SAMPLE ID	CYANIDE	PHENOL
315058/315059	86-DW-6219	< 0.010	0.012

ALL RESULTS ARE EXPRESSED IN MG/L UNLESS OTHERWISE INDICATED