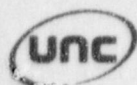


UNC MINING AND MILLING

aa 1
In File Jerry 2/11
JMC



Division of United Nuclear Corporation
A **UNC RESOURCES** Company

Church Rock Operations
P.O. Drawer QQ

Gallup, New Mexico 87301
Telephone 505/722-6651

January 14, 1983

Mr. Kent Breese
Environmental Improvement Division
P.O. Box 968
Santa Fe, NM 87503

Dear Mr. Breese:

Enclosed please find copies of the radiological analyses of Wells Nos. 443 and 446 in compliance with the EID request of September 23, 1982.

Very truly yours,

Marshall J. Fletcher

Marshall J. Fletcher
Resident Engineer

MJF/v

Enclosures

cc: T. M. Hill
G. A. Swanquist

pH _____ Temp. _____ Gross α _____
TDS _____ Cond. _____ Gross β _____
TSS _____ Sal. _____

LAB NO. _____
SAMPLE ID Well 443
COLL. DATE 9-28-82
COLL. TIME _____
SAMPLER _____

TOTAL ANALYSES

Aliquot _____

Filter dig. acids _____

Parameters

REMARKS

Field Data

PH

Cond.

Temp.

WORK SENT OUT

Aliquot _____

Where _____

For _____

AA METALS

Filtered _____

_____ to pH < 2

Aluminum _____

Antimony _____

Arsenic _____

Barium _____

Cadmium _____

Calcium _____

Chromium _____

Cobalt _____

Copper _____

Iron _____

Lead _____

Magnesium _____

Manganese _____

Molybdenum _____

Mercury _____

Nickel _____

Potassium _____

Selenium _____

Silver _____

Sodium _____

Vanadium _____

Zinc _____

SELECTIVE ION

Nitrate-N _____

Ammonia-N _____

Cyanide _____

Fluoride _____

GRAVIMETRIC or TITRIMETRIC

Chloride _____

Carbonate _____

Bicarbonate _____

Alkalinity _____

Sulfate _____

COLORIMETRIC

Boron _____

Uranium _____

Phenols _____

RADIOMETRIC

Thorium-230 .61 ± .36

Radium-226 6.67 ± .29

Lead-210 .85 ± .46

Polonium-210 _____

Radium-228 _____

PC/L

pH _____ Temp. _____ Gross α _____
 TDS _____ Cond. _____ Gross β _____
 TSS _____ Sal. _____

LAB NO. _____
 SAMPLE ID Well 446
 COLL. DATE 9-28-82
 COLL. TIME _____
 SAMPLER _____

TOTAL ANALYSES

Aliquot _____

Filter dig. acids _____

Parameters

REMARKS

Field Data _____

PH _____

Cond. _____

Temp. _____

WORK SENT OUT

Aliquot _____

Where _____

For _____

AA METALS

Filtered _____

_____ to pH < 2

Aluminum _____

Antimony _____

Arsenic _____

Barium _____

Cadmium _____

Calcium _____

Chromium _____

Cobalt _____

Copper _____

Iron _____

Lead _____

Magnesium _____

Manganese _____

Molybdenum _____

Mercury _____

Nickel _____

Potassium _____

Selenium _____

Silver _____

Sodium _____

Vanadium _____

Zinc _____

SELECTIVE ION

Nitrate-N _____

Ammonia-N _____

Cyanide _____

Fluoride _____

GRAVIMETRIC or TITRIMETRIC

Chloride _____

Carbonate _____

Bicarbonate _____

Alkalinity _____

Sulfate _____

COLORIMETRIC

Boron _____

Uranium _____

Phenols _____

RADIOMETRIC

Thorium-230 PC/L 26.7 ± 4.3

Radium-226 7.35 ± .24

Lead-210 1.01 ± .51

Polonium-210 _____

Radium-228 _____

OTHER

