



IT ANALYTICAL SERVICES

WEST COAST TECHNICAL SERVICE DIVISION

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CERTIFICATE OF ANALYSIS

TO: EID State of New Mexico
P.O. Box 968
Santa Fe, N.M. 87504-0968
Attn: Devon Jercinovic

DATE REPORTED: January 19, 1984
PROJECT CODE: 28152/ykm
ORDER NUMBER: CONTRACT

RECEIVED

JAN 25 1984

One (1) soil sample labeled: # 13

State of New Mexico - EID Sample 1-8312270910
Persons Station Composite sample 25-30'

GROUND WATER/HAZARDOUS WASTE
BUREAU

The sample was analyzed for priority pollutants by gas chromatography, combined gas chromatography/mass spectrometry and by atomic absorption spectrometry. EPA-approved methods were used for all analyses. Results for organics are given in Table I and for inorganics in Table II.

Table I. Organics

624 # 625
BNA - methylene chloride
PCB - hexane

<u>Analyte</u>	<u>Concentration (ug/g)</u>
Tetrachloroethylene	20
1,1,1-Trichloroethane	0.4
1,1-Dichloroethylene	TR<0.05
C9-C15 Saturated aliphatic hydrocarbons	2000
C8-C12 Unsaturated aliphatic hydrocarbons	2000
PCBs (as PCB-1260)	ND<0.04
Phenols	ND<0.04

ND - This analyte was not detected; the limit of detection for this analysis is less than the amount stated in the table above.

TR - Trace, this compound was present, but was below the level at which concentration could be determined.

Neil E. Spingarn, Ph.D.

Title: Staff Chemist

Approved By

EID State of New Mexico
D. Jercinovic

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Table II. Inorganics

<u>Analyte</u>	<u>Concentration (ug/g)</u>
Antimony	ND<100
Arsenic	2
Beryllium	ND<1
Cadmium	ND<0.4
Chromium	2.7
Copper	3.5
Lead	5.5
Mercury	ND<0.02
Nickel	4.7
Selenium	ND<0.2
Silver	ND<1
Thallium	ND<10
Zinc	13

ND - This analyte was not detected; the limit of detection for this analysis is less than the amount stated in the table above.