UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality map of stream-sediment, heavy-mineral-concentrate, soil, and rock samples from the Pecos Wilderness, Santa Fe, San Miguel, Mora, Rio Arriba, and Taos Counties, New Mexico

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STUDIES RELATED TO WILDERNESS

The Wilderness act (Public Law 88-577, September 3, 1964) and related acts require the U.S. Geological Survey and the U.S. Bureau of Mines to survey certain areas on Federal Lands to determine their mineral resource potential. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of a geochemical survey of the Pecos Wilderness and (or) Roadless Area in the Santa Fe and Carson National Forests, Santa Fe, San Miguel, Mora, Rio Arriba, and Taos Counties, New Mexico. The area was established as a wilderness by Public Law New Mexico Wilderness Act (1980). The Pecos Roadless Area was classified as a further planning area or proposed wilderness during the Second Roadless Area Review and Evaluation (RARE II) by the U.S. Forest Service, January 1979.

INTRODUCTION

In 1977 and 1979-80 the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Pecos Wilderness, Santa Fe, San Miguel, Mora, Rio Arriba, and Taos Counties, New Mexico.

The Pecos Wilderness comprises about 350 mi^2 in northern New Mexico, and lies at the southern end of the Sangre de Cristo Range, northeast of Sante Fe, New Mexico. Access to the study area is provided by several roads that lead from Interstate 25 on the east and south, U.S. 285 on the west, and New Mexico routes 68 and 3 on the north. This survey covers an area of about 500 mi^2, which includes the Pecos Wilderness and an additional 150 square miles adjacent to the wilderness.

The study area is underlain by igneous and metamorphic rocks of Precambrian age that are partly covered east of the Pecos-Picuris fault by subhorizontal sedimentary strata of Mississippian, Pennsylvanian, and Permian age. The Pecos-Picuris fault is a major north-trending strike-slip fault of Precambrian ancestry that was reactivated as a dip-slip fault in the Pennsylvanian and again in Late Cretaceous and Early Tertiary time (Moench and others, in press). It divides the Precambrian rocks of the study area into two separate metamorphic-plutonic terranes: (1) a western batholithic terrane containing parts of two major granitic batholiths and septa of high rank stratified metamorphic rocks; and (2) an eastern terrane composed mainly of stratified high rank metamorphic rocks intruded by smaller granitic plutons. By far the most important mineral resources of the study area are associated with the Precambrian rocks. The geology of the area is described by Moench, Grambling, and Robertson (in press); mineral resources are discussed by Moench and Lane (in press); and geochemical maps are furnished by Moench, Sutley, and Erickson (in press).

The study area is at the southern end of the Sangre de Cristo Range. It is characterized by an axial line of alpine peaks that rise to more than 13,000 feet, flanked on the west and north by heavily wooded ridges and canyons that drain to the Rio Grande Valley, and on the southeast by a high dissected plateau of meadows and forest. The plateau is dissected by deep canyons of the Pecos River and its tributaries, and is bounded on the east by a scarp of about 3,000 feet. Partly forested ranchland lies below the base of the scarp to the east, and beyond that is prairie of the Great Plains.

METHODS OF STUDY

Sample Media

Analyses of the stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits. Heavy-mineral-concentrate samples provide information about the chemistry of certain minerals in rock material eroded from the drainage basin upstream from each sample site. The selective concentration of minerals, many of which may be ore-related, permits determination of some elements that are not easily detected in stream-sediment samples.

Analyses of altered or mineralized rocks, where present, may provide useful geochemical information about the major- and trace-element assemblages associated with a mineralizing system. Analyses of soils provide information on the concentration of metals in the bedrock below the soils that were sampled.

Sample Collection

Samples were collected at 608 sites. At 48 of those sites, both a stream-sediment sample and a heavy-mineral-concentrate sample were collected, and at 554 sites a heavy-mineral concentrate was collected. Rock samples were collected at 12 sites, and soil samples were collected at 42 sites in selected areas. Sampling density was about 1 sample site per 0.9 mi^2 for the heavy-mineral concentrates.

Heavy-mineral-concentrate samples

The heavy-mineral-concentrate samples were collected by panning of active alluvium, primarily from first-order (unbranched) and second-order (below the junction of two first-order) streams as shown on USGS topographic maps (1:62,500). At each locality, sand and gravel coarser than 2 mm was discarded and the finer fraction was panned until most of the quartz, feldspar, organic material, and clay-sized material was removed.

Stream-sediment samples

The stream-sediment samples were collected from the same active alluvium as the heavy-mineral-concentrate samples. At each locality one sample was obtained from the finest-grained material available; where possible, organic material was avoided.

Rock samples

Rock samples were collected from outcrops or exposures in the vicinity of the plotted site location. Samples were collected only from altered and/or mineralized rocks.

Soil samples

The soil samples were collected from zone B in the weathering profile (just below the organic-rich surface zone). Of the 42 samples, 37 were

collected along two traverses in a small area of suspected mineralized rock, and five were collected on the traces of two major faults.

Sample Preparation

The stream-sediment samples were air dried, then sieved using 80 mesh (0.17 mm) stainless steel sieves. The portion of the sediment passing through the sieve was saved for analysis.

Each heavy-mineral-concentrate sample was prepared as follows: After drying, the light minerals (mainly quartz and feldspar) were removed by flotation in bromoform and discarded. Magnetite was then removed from the heavy fraction using a hand magnet. The nonmagnetic-paramagnetic fraction was then run through a Frantz Isodynamic magnetic separator at 0.2 amperes (side tilt 15°, forward tilt 25°) to remove all remaining magnetite, ilmenite, and pyrrhotite. The nonmagnetic fraction was then rerun at 0.5 amperes, and the magnetic fraction was stored for possible analysis. The nonmagnetic fraction was rerun at 1 ampere, and the resulting magnetic and nonmagnetic fractions were used for the geochemical survey.

Rock samples were crushed and then pulverized to minus 0.15 mm with ceramic plates.

ROCK ANALYSIS STORAGE SYSTEM

Upon completion of all analytical work, the analytical results were entered into a computer-based file called Rock Analysis Storage System (RASS). This data base contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and converted to a binary form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1976).

Sample Analysis

Spectrographic method

We analyzed the stream-sediment, heavy-mineral-concentrate, rock, and soil samples for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in Table 1. Spectrographic results were obtained by visual comparison of spectra derived from the sample against spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram). Analytical data for samples from the Pecos Wilderness are listed in Tables 3-8.

Chemical methods

Other methods of analysis used on samples from the Pecos Wilderness are summarized in Table 2.

Analytical results for stream-sediment, rock, and soil samples are listed in Tables 6, 7, and 8, respectively. No wet chemistry was run on any of the three types of concentrates.

DESCRIPTION OF DATA TABLES

Tables 3-8 list the analyses for the samples of the nonmagnetic fraction at 1 amp, the magnetic fraction at 1 amp, and the magnetic fraction at 0.5 amp, hereafter referred to as NM1, M1, and M.5 heavy-mineral concentrates, stream sediments, rocks, and soils, respectively. For the tables, the data are arranged so that column 1 contains the USGS-assigned sample numbers. These numbers correspond to the numbers shown on the site location maps (plate 1). Columns in which the element headings show the letter "s" below the element symbol are emission spectrographic analyses; "aa" indicates atomic absorption analyses. A letter "N" in the tables indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in Table 1. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the tables in front of the lower limit of determination. If an element was observed but was above the highest reporting value, a "greater than" symbol (>) was entered in the tables in front of the upper limit of determination. If an element was not looked for in a sample, two dashes (--) are entered in Tables 3-8 in place of an analytical value. Because of the formatting used in the computer program that produced Tables 3-8, some of the elements listed in these tables (Fe, Mg, Ca, Ti, Ag, and Be) carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros.

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GEOCHEMICAL MAPS OF THE PECOS WILDERNESS AND ADJACENT AREAS,
SANTA FE, SAN MIGUEL, MORA, RIO ARRIBA, AND TAOS COUNTIES, NEW MEXICO

By Robert H. Moench, Stephen J. Sutley, and Marjorie S. Erickson

Map A--Simplified bedrock geologic map showing locations of geochemical samples, and locations of heavy-mineral concentrates from stream sediments that contain exceptionally high abundances of indicated elements (parts per million), 1:48,000

Map B--Tungsten and tin in heavy-mineral concentrates from stream sediments (parts per million), 1:96,000

Map C--Molybdenum in heavy-mineral concentrates from stream sediments (parts per million), 1:96,000

Map D--Copper in heavy-mineral concentrates from stream sediments (parts per million), 1:96,000, and copper in soils (B zone) in Doctor Creek area (parts per million), 1:24,000

Map E--Zinc, niobium, antimony, and beryllium in heavy-mineral concentrates from stream sediments (parts per million), and radon in springs and streams (picocuries per liter), 1:96,000

Map F--Lead in heavy-mineral concentrates from stream sediments (parts per million), and radon in spring and stream water (picocuries per liter), 1:96,000

Map G--Bismuth, silver, and gold in heavy-mineral concentrates from stream sediments (parts per million), 1:96,000

TABLE 1.--Limits of determination for the spectrographic analysis of rocks, soils, and stream sediments, based on a 10-mg sample

[The spectrographic limits of determination for heavy-mineral-concentrate samples are based on a 5-mg sample, and are therefore two reporting intervals higher than the limits given for rocks and stream sediments]

Elements	Lower determination limit	Upper determination limit
	Percent	
Iron (Fe)	0.05	20
Magnesium (Mg)	.02	10
Calcium (Ca)	.05	20
Titanium (Ti)	.002	1
	Parts per million	
Manganese (Mn)	10	5,000
Silver (Ag)	0.5	5,000
Arsenic (As)	200	10,000
Gold (Au)	10	500
Boron (B)	10	2,000
Barium (Ba)	20	5,000
Beryllium (Be)	1	1,000
Bismuth (Bi)	10	1,000
Cadmium (Cd)	20	500
Cobalt (Co)	5	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Lanthanum (La)	20	1,000
Molybdenum (Mo)	5	2,000
Niobium (Nb)	20	2,000
Nickel (Ni)	5	5,000
Lead (Pb)	10	20,000
Antimony (Sb)	100	10,000
Scandium (Sc)	5	100
Tin (Sn)	10	1,000
Strontium (Sr)	100	5,000
Vanadium (V)	10	10,000
Tungsten (W)	50	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000
Thorium (Th)	100	2,000

Table 2.--Chemical methods used

[AA = atomic absorption; S = spectrophotometry; CX = colorimetric (Cu); and cold extractable (HM)]

Element or constituent determined	Method	Determination limit (micrograms/ gram or ppm)	Reference
Gold (Au)	AA	0.05	Thompson and others, 1968
Copper (Cu)	Colorimetric	10	Ward and others, 1969
Heavy metals (HM)	Cold extractable	1	Ward and others, 1963

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
001NM1	35 53 6	105 36 14	3.00	.30	.50	>1.0	200	N	N	N	150	700
002NM1	35 53 8	105 36 17	1.00	.20	2.00	>1.0	500	N	N	N	300	3,000
003NM1	35 52 26	105 36 34	2.00	.20	.70	>1.0	700	N	N	N	50	700
004NM1	35 51 12	105 37 15	1.00	.20	.70	>1.0	150	N	N	N	100	>5,000
005NM1	35 50 22	105 38 4	1.50	.30	1.00	>1.0	300	N	N	N	200	>5,000
006NM1	35 50 24	105 38 12	1.00	.20	.70	>1.0	500	N	N	N	70	2,000
007NM1	35 49 56	105 38 29	1.00	.30	.70	>1.0	200	N	N	N	100	2,000
008NM1	35 53 22	105 37 54	1.00	.20	.50	>1.0	200	N	N	N	100	500
009NM1	35 53 41	105 39 33	3.00	.30	.20	>1.0	5,000	N	N	N	30	70
014NM1	35 58 58	105 37 13	3.00	.70	.10	>1.0	200	N	N	N	>2,000	300
015NM1	35 59 8	105 37 2	3.00	.50	.05	>1.0	300	N	N	N	1,500	300
016NM1	35 59 2	105 36 59	1.50	.70	.10	>1.0	200	N	N	N	2,000	500
017NM1	35 59 6	105 37 1	2.00	.70	.30	>1.0	300	N	N	N	2,000	500
018NM1	35 59 6	105 36 50	1.00	.10	<.20	>5.0	200	N	N	N	30	300
019NM1	35 59 18	105 36 36	.20	.30	.05	>1.0	150	N	N	N	2,000	100
020NM1	35 59 21	105 36 35	.20	.10	.70	>1.0	100	N	N	N	150	300
021NM1	35 59 52	105 36 26	1.50	.15	.70	>1.0	500	N	N	N	300	>5,000
022NM1	35 59 50	105 36 31	2.00	.30	.05	>1.0	200	N	N	N	500	2,000
023NM1	35 59 52	105 36 35	1.00	.07	<.05	>1.0	50	N	N	N	150	100
024NM1	35 59 57	105 36 26	2.00	.20	.50	>1.0	200	N	N	N	200	500
025NM1	36 1 12	105 36 52	3.00	.20	.10	>1.0	200	N	N	N	150	70
026NM1	36 0 25	105 35 52	.30	.20	.20	>1.0	150	N	N	N	150	700
027NM1	36 0 27	105 36 25	1.50	.30	.20	>1.0	300	N	N	N	1,500	700
028NM1	36 0 22	105 36 25	1.50	.20	.15	>1.0	500	N	N	N	1,000	700
029NM1	36 1 6	105 36 41	1.50	.20	.30	>1.0	150	N	N	N	150	150
030NM1	36 1 35	105 36 49	1.50	.07	.20	>1.0	100	N	N	N	50	200
031NM1	36 3 13	105 36 53	1.00	.10	1.00	>1.0	150	N	N	N	70	1,500
034NM1	35 56 32	105 38 59	1.50	.30	.20	>1.0	200	N	N	N	1,500	200
035NM1	35 56 33	105 39 5	1.00	.20	.10	>1.0	150	N	N	N	700	150
036NM1	35 56 24	105 39 47	1.50	.20	.50	1.0	150	N	N	N	100	200
037NM1	35 56 22	105 39 44	1.50	.30	.70	1.0	300	N	N	N	30	700
038NM1	35 56 13	105 40 46	2.00	.20	.50	>1.0	300	N	N	N	30	500
039NM1	35 54 57	105 40 3	1.50	.30	.15	>1.0	3,000	N	N	N	150	300
040NM1	35 54 57	105 39 56	1.50	.10	<.05	>1.0	100	N	N	N	100	500
041NM1	35 55 16	105 39 49	1.50	.02	.05	1.0	50	N	N	N	10	70
042NM1	35 55 55	105 40 14	2.00	.07	.20	1.0	100	N	N	N	20	50
043NM1	35 55 50	105 40 13	1.50	.05	1.00	1.0	100	N	N	N	30	50
044NM1	35 56 15	105 42 1	1.50	.10	2.00	>1.0	200	N	N	N	30	200
045NM1	35 57 15	105 40 10	1.50	.30	2.00	>1.0	200	5.0	N	N	10	700
046NM1	35 57 21	105 40 34	2.00	.30	.70	1.0	500	N	N	N	300	700
047NM1	35 57 17	105 41 22	3.00	.30	1.50	>1.0	700	N	N	N	200	1,000
048NM1	35 56 26	105 41 44	2.00	.30	1.50	>1.0	1,500	N	N	N	150	700
049NM1	35 52 13	105 34 38	3.00	.30	.70	>1.0	1,500	N	N	N	70	500
050NM1	35 52 10	105 34 28	1.50	.30	.70	>1.0	200	N	N	N	70	700
051NM1	35 53 10	105 30 22	1.00	.05	.05	>1.0	50	N	N	N	20	300

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
001NM1	5.0	N	N	10	150	5	150	N	50	10	70
002NM1	1.0	N	N	N	100	15	200	N	100	N	50
003NM1	1.0	N	N	N	150	15	300	N	70	N	70
004NM1	1.0	N	N	N	100	15	150	N	150	N	30
005NM1	1.0	N	N	N	200	20	300	N	50	N	70
006NM1	1.0	N	N	N	70	10	150	N	150	N	30
007NM1	1.0	N	N	N	100	15	150	N	150	N	70
008NM1	1.0	N	N	N	100	15	300	N	150	N	50
009NM1	2.0	N	N	N	70	7	100	N	50	N	30
014NM1	70.0	N	N	20	70	15	1,000	N	200	N	70
015NM1	5.0	N	N	50	70	5	300	N	150	N	50
016NM1	10.0	N	N	30	70	15	700	N	200	N	70
017NM1	5.0	N	N	50	70	15	500	N	200	20	70
018NM1	2.0	N	N	N	N	N	150	N	100	N	N
019NM1	5.0	N	N	N	150	30	200	N	150	N	70
020NM1	1.0	N	N	N	100	30	300	N	100	N	70
021NM1	10.0	N	N	10	70	300	500	N	150	N	100
022NM1	5.0	N	N	15	70	10	150	N	100	N	50
023NM1	1.0	N	N	N	20	5	150	N	100	N	15
024NM1	3.0	N	N	10	100	20	200	N	200	N	70
025NM1	10.0	N	N	10	70	15	100	N	50	N	15
026NM1	<1.0	N	N	10	150	20	300	N	200	N	70
027NM1	1.0	N	N	15	100	15	200	N	150	N	70
028NM1	10.0	N	N	15	70	15	300	N	150	N	70
029NM1	1.0	N	N	7	70	15	300	N	150	N	50
030NM1	1.0	N	N	7	70	15	150	N	150	N	70
031NM1	1.0	N	N	10	100	15	300	N	100	N	70
034NM1	1.0	N	N	10	100	15	500	N	150	N	70
035NM1	1.0	N	N	7	70	15	200	N	100	N	70
036NM1	2.0	N	N	7	70	5	50	N	50	N	20
037NM1	1.5	N	N	7	70	5	70	N	30	N	50
038NM1	1.0	N	N	7	70	7	50	N	50	N	30
039NM1	5.0	N	N	7	70	7	200	<5	50	N	70
040NM1	3.0	N	N	N	100	5	100	5	50	N	70
041NM1	2.0	N	N	N	70	5	150	N	20	N	70
042NM1	2.0	N	N	N	100	5	100	N	30	N	50
043NM1	7.0	50	N	N	70	5	70	N	30	N	30
044NM1	20.0	20	N	5	70	10	150	7	50	N	30
045NM1	1.0	N	N	7	70	7	70	N	30	10	20
046NM1	3.0	N	N	15	70	7	150	N	50	5	100
047NM1	3.0	N	N	10	70	5	150	7	70	N	70
048NM1	10.0	N	N	10	70	7	150	N	10	N	70
049NM1	1.0	20	N	10	150	10	200	N	50	N	70
050NM1	1.0	N	N	7	70	7	100	N	70	N	50
051NM1	1.0	N	N	7	150	10	200	<5	100	10	70

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
001NM1	N	20	N	500	150	N	200	N	>1,000	--
002NM1	N	20	N	500	200	N	>200	1,000	>1,000	--
003NM1	N	20	N	700	300	N	>200	N	>1,000	--
004NM1	N	20	N	1,000	200	N	>200	N	>1,000	--
005NM1	N	20	N	1,000	300	N	>200	N	>1,000	--
006NM1	N	20	N	300	150	100	>200	1,500	>1,000	--
007NM1	N	20	N	300	200	N	>200	1,000	>1,000	--
008NM1	N	20	N	700	300	N	>200	N	>1,000	--
009NM1	N	20	N	200	100	N	200	N	>1,000	--
014NM1	N	20	N	1,000	70	70	200	700	>1,000	--
015NM1	150	20	N	500	70	50	200	10,000	>1,000	--
016NM1	500	20	N	1,000	100	70	200	7,000	>1,000	--
017NM1	500	20	N	1,000	100	70	200	10,000	>1,000	--
018NM1	N	20	N	1,000	N	N	200	N	>5,000	--
019NM1	1,000	20	N	300	150	50	>200	N	>1,000	--
020NM1	700	20	N	700	150	N	>200	N	>1,000	--
021NM1	200	20	N	1,000	100	<50	>200	N	>1,000	--
022NM1	150	20	N	700	100	<50	150	1,000	>1,000	--
023NM1	100	20	N	300	50	N	100	N	>1,000	--
024NM1	200	20	N	500	150	N	>200	N	>1,000	--
025NM1	100	20	N	200	150	N	>200	N	>1,000	--
026NM1	N	20	N	700	200	N	>200	500	>1,000	--
027NM1	N	20	N	300	300	N	200	N	>1,000	--
028NM1	N	20	N	700	200	N	200	N	>1,000	--
029NM1	N	20	N	300	200	N	>200	N	>1,000	--
030NM1	N	20	N	200	200	N	>200	N	>1,000	--
031NM1	N	20	N	500	300	N	>200	N	>1,000	--
034NM1	N	20	N	700	150	N	>200	N	>1,000	--
035NM1	N	20	N	700	200	N	>200	N	>1,000	--
036NM1	N	10	N	100	100	N	70	N	>1,000	--
037NM1	N	15	N	300	100	N	70	N	>1,000	--
038NM1	N	15	N	150	150	N	70	N	>1,000	--
039NM1	N	20	N	300	150	N	200	N	>1,000	--
040NM1	N	15	N	500	70	N	70	N	>1,000	--
041NM1	N	15	N	500	70	N	150	N	>1,000	--
042NM1	N	15	N	300	70	N	70	N	>1,000	--
043NM1	N	20	N	200	100	N	200	N	>1,000	--
044NM1	N	20	N	150	200	N	200	N	>1,000	--
045NM1	N	15	N	150	150	N	50	3,000	700	--
046NM1	N	15	N	300	150	N	50	N	>1,000	--
047NM1	N	15	N	300	150	N	150	N	>1,000	--
048NM1	N	20	N	300	200	N	200	3,000	>1,000	--
049NM1	N	50	20	200	200	N	>200	N	>1,000	--
050NM1	N	20	N	100	200	N	150	N	>1,000	--
051NM1	N	20	N	700	150	N	100	N	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
052NM1	35 53 25	105 30 5	1.00	.30	.10	>1.0	150	N	N	N	50	700
053NM1	35 53 28	105 30 2	1.50	.50	<.05	>1.0	100	N	N	N	30	700
054NM1	35 53 31	105 29 24	2.00	.30	.50	1.0	300	N	N	N	100	500
055NM1	35 53 28	105 29 26	1.00	.30	<.05	1.0	100	N	N	N	30	700
056NM1	35 53 22	105 29 19	1.50	.50	.05	>1.0	100	N	N	N	50	700
057NM1	35 57 6	105 36 36	1.50	.20	1.00	>1.0	300	N	N	N	300	1,000
058NM1	35 57 4	105 36 23	.70	.07	.20	>1.0	100	N	N	N	150	150
059NM1	35 57 17	105 36 44	.70	.10	.50	>1.0	150	N	N	N	500	300
060NM1	35 57 29	105 36 58	.50	.10	.15	>1.0	150	N	N	N	500	100
061NM1	35 57 31	105 37 9	.70	.05	.15	.7	150	N	N	N	20	150
062NM1	35 57 37	105 37 40	1.50	.30	1.00	1.0	300	N	N	N	70	1,500
063NM1	35 57 40	105 37 40	1.00	.70	1.50	>1.0	500	N	N	N	500	200
064NM1	35 57 44	105 37 40	1.50	.70	1.50	1.0	500	N	N	N	300	200
065NM1	35 57 32	105 35 39	1.00	.20	.70	>1.0	200	N	N	N	150	1,000
066NM1	35 57 34	105 35 34	1.00	.20	1.00	>1.0	150	N	N	N	150	500
067NM1	35 57 29	105 35 40	.70	.15	.70	>1.0	200	N	N	N	150	1,500
068NM1	35 58 8	105 33 12	1.00	.30	5.00	>1.0	300	N	N	N	100	500
069NM1	35 58 54	105 32 11	1.00	.20	3.00	>1.0	200	N	N	N	50	5,000
070NM1	35 58 47	105 32 0	1.50	.30	5.00	>1.0	500	N	N	N	50	700
071NM1	35 57 20	105 32 27	2.00	.20	7.00	>1.0	300	N	N	N	20	>5,000
072NM1	35 56 58	105 32 30	1.50	.20	5.00	>1.0	200	N	N	N	50	>5,000
073NM1	35 56 29	105 33 17	1.00	.20	5.00	>1.0	200	N	N	N	100	5,000
074NM1	35 56 14	105 33 29	1.50	.30	7.00	>1.0	300	N	N	N	50	>5,000
075NM1	35 56 0	105 33 54	1.50	.30	3.00	>1.0	300	N	N	N	200	>5,000
076NM1	35 54 33	105 35 53	1.50	.30	2.00	>1.0	200	N	N	N	150	2,000
077NM1	35 54 34	105 35 49	2.00	.30	2.00	>1.0	300	N	N	N	100	700
078NM1	35 53 52	105 36 11	1.00	.30	.20	>1.0	150	N	N	N	100	700
079NM1	35 54 31	105 29 51	1.50	.30	.05	>1.0	200	N	N	N	50	700
080NM1	35 54 48	105 29 28	1.00	.30	.10	>1.0	150	N	N	N	30	700
081NM1	35 54 55	105 29 20	1.50	.20	.20	>1.0	150	N	N	N	30	500
082NM1	35 55 15	105 28 48	1.50	.30	.20	>1.0	1,500	N	500	N	500	700
083NM1	35 55 15	105 29 4	2.00	.30	.50	1.0	500	N	N	N	100	300
084NM1	35 55 9	105 28 56	2.00	.20	.50	>1.0	300	N	N	N	150	500
085NM1	35 54 59	105 28 49	7.00	1.00	.70	1.0	1,500	N	N	N	500	300
086NM1	35 54 16	105 39 33	2.00	.20	.15	>1.0	200	N	N	N	70	200
087NM1	35 54 4	105 39 32	1.00	.15	.10	>1.0	200	N	N	N	50	200
088NM1	35 53 55	105 39 47	1.00	.20	.30	>1.0	300	N	N	N	30	500
089NM1	35 52 48	105 41 3	.70	.07	.05	>1.0	100	N	N	N	30	150
090NM1	35 52 27	105 40 20	1.50	.15	.15	>1.0	200	N	N	N	30	100
091NM1	35 52 25	105 40 27	1.50	.20	.50	>1.0	100	N	N	N	30	300
092NM1	35 52 11	105 40 20	1.00	.20	.50	>1.0	300	N	N	N	50	200
093NM1	35 51 54	105 40 43	1.00	.20	.10	>1.0	100	N	N	N	70	700
094NM1	35 51 53	105 40 49	.70	.15	1.50	>1.0	300	N	N	N	20	500
095NM1	35 51 42	105 40 53	1.00	.15	2.00	>1.0	200	N	N	N	70	700
096NM1	35 54 12	105 42 35	1.00	.20	.70	>1.0	200	N	N	N	50	700

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
052NM1	1.0	N	N	10	100	15	100	N	70	15	70
053NM1	1.0	N	N	N	100	10	70	N	50	N	70
054NM1	2.0	N	N	N	50	<5	100	N	70	N	30
055NM1	1.0	N	N	N	70	7	70	N	50	N	50
056NM1	1.0	N	N	7	100	7	70	5	50	N	70
057NM1	5.0	N	N	15	50	20	150	15	70	N	20
058NM1	1.0	N	N	10	70	20	200	N	70	N	30
059NM1	7.0	N	N	10	70	15	300	N	100	N	50
060NM1	2.0	N	N	10	70	30	300	N	100	N	70
061NM1	1.0	N	N	N	N	N	100	N	<20	N	N
062NM1	1.0	N	N	10	70	5	50	N	50	N	30
063NM1	50.0	N	N	15	30	10	100	N	70	N	50
064NM1	1.5	N	N	10	50	10	100	N	50	N	50
065NM1	1.0	N	N	5	150	20	300	N	70	N	70
066NM1	2.0	50	N	5	100	20	300	N	150	N	70
067NM1	1.0	N	N	10	70	20	500	N	100	N	70
068NM1	1.0	N	N	15	150	20	500	N	70	N	70
069NM1	1.0	N	N	10	150	20	500	N	100	N	70
070NM1	1.0	N	N	15	70	15	300	N	150	N	70
071NM1	1.0	N	N	15	70	20	500	N	100	10	50
072NM1	1.0	N	N	15	70	15	300	N	100	N	70
073NM1	5.0	N	N	15	150	20	500	N	150	N	70
074NM1	1.0	N	N	15	100	30	500	N	150	N	200
075NM1	1.0	N	N	15	100	30	700	N	100	N	100
076NM1	1.0	N	N	15	70	15	200	N	100	N	70
077NM1	1.0	N	N	15	70	15	150	N	50	N	70
078NM1	<1.0	N	N	15	200	50	200	N	70	N	70
079NM1	<1.0	N	N	7	70	15	200	N	70	N	70
080NM1	1.0	N	N	7	70	15	200	N	70	N	70
081NM1	3.0	N	N	10	70	10	200	N	50	N	70
082NM1	10.0	N	N	20	100	15	300	N	70	20	70
083NM1	5.0	N	N	15	70	5	200	N	30	N	50
084NM1	15.0	N	N	15	70	7	150	N	20	N	70
085NM1	2.0	N	N	20	150	15	700	N	50	20	100
086NM1	20.0	N	N	N	70	10	300	N	50	N	50
087NM1	20.0	N	N	N	70	10	200	N	50	N	70
088NM1	3.0	N	N	10	30	200	50	N	100	N	70
089NM1	1.0	N	N	10	100	50	150	N	70	N	70
090NM1	3.0	N	N	10	70	15	70	N	50	N	50
091NM1	1.0	N	N	10	150	20	200	N	50	N	70
092NM1	1.0	N	N	N	50	10	100	N	30	N	20
093NM1	7.0	N	N	10	100	20	150	N	30	N	70
094NM1	2.0	N	N	N	30	10	100	N	30	N	100
095NM1	2.0	N	N	7	70	15	150	5	70	N	100
096NM1	<2.0	N	N	N	50	100	N	N	30	N	50

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
052NM1	N	30	N	100	200	N	70	N	1,000	--
053NM1	N	20	N	150	200	N	30	N	300	--
054NM1	N	20	N	150	150	N	70	N	500	--
055NM1	N	15	N	100	150	N	30	N	300	--
056NM1	N	15	N	100	150	<50	30	N	500	--
057NM1	N	20	N	300	150	N	100	5,000	>1,000	--
058NM1	N	30	N	300	300	N	150	700	>1,000	--
059NM1	N	30	N	500	200	N	200	3,000	>1,000	--
060NM1	N	50	N	500	300	N	200	1,500	>1,000	--
061NM1	N	10	N	150	N	N	30	N	>1,000	--
062NM1	N	15	N	100	100	<50	70	N	>1,000	--
063NM1	N	15	N	300	70	<50	100	7,000	>1,000	--
064NM1	N	15	N	300	70	N	70	5,000	1,000	--
065NM1	N	100	N	300	200	N	>200	N	>1,000	--
066NM1	N	100	N	700	300	N	>200	N	>1,000	--
067NM1	N	100	N	1,500	300	N	>200	700	>1,000	--
068NM1	N	100	N	700	300	N	>200	N	>1,000	--
069NM1	N	100	N	1,000	500	N	>200	1,000	>1,000	--
070NM1	N	70	N	500	200	N	150	N	>1,000	--
071NM1	N	50	N	700	150	N	200	1,000	>1,000	--
072NM1	N	50	N	700	150	N	>200	700	>1,000	--
073NM1	N	50	N	700	300	N	>200	N	>1,000	--
074NM1	N	50	N	700	200	N	>200	500	>1,000	--
075NM1	N	50	N	1,000	300	N	>200	1,500	>1,000	--
076NM1	N	30	N	700	150	N	>200	1,000	>1,000	--
077NM1	N	20	N	300	100	N	150	N	>1,000	--
078NM1	N	70	N	700	300	N	>200	N	>1,000	--
079NM1	N	20	N	200	200	N	70	500	700	--
080NM1	N	30	N	200	200	N	100	700	1,000	--
081NM1	N	20	N	700	150	N	100	1,000	>1,000	--
082NM1	N	20	N	300	200	N	70	1,000	1,000	--
083NM1	N	15	N	300	150	N	70	700	1,000	--
084NM1	N	15	N	300	150	N	50	1,000	500	--
085NM1	N	30	N	150	150	N	200	200	300	--
086NM1	N	20	N	500	100	N	70	N	700	--
087NM1	N	30	N	300	150	N	70	N	>1,000	--
088NM1	N	20	N	100	100	N	30	N	1,000	--
089NM1	N	50	N	700	200	N	200	N	>1,000	--
090NM1	N	20	N	200	200	N	100	N	>1,000	--
091NM1	N	50	N	700	500	N	200	N	>1,000	--
092NM1	N	15	N	300	100	N	30	N	1,000	--
093NM1	N	50	N	700	200	N	200	N	>1,000	--
094NM1	N	70	N	200	200	N	>200	N	>1,000	--
095NM1	N	100	N	200	300	N	>200	N	>1,000	--
096NM1	N	70	N	200	300	N	>200	N	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
097NM1	35 54 3	105 42 29	1.00	.20	1.00	>1.0	200	N	N	N	20	500
098NM1	35 54 2	105 42 22	.50	.07	.20	>1.0	100	N	N	N	50	300
099NM1	35 53 33	105 42 37	.70	.20	2.00	>1.0	200	N	N	N	N	500
100NM1	35 53 11	105 42 49	.70	.20	5.00	>1.0	500	N	N	N	N	500
101NM1	35 52 35	105 42 17	.70	.20	.15	>1.0	100	N	N	N	50	500
102NM1	35 52 40	105 42 36	.70	.20	5.00	>1.0	500	N	N	N	20	200
103NM1	35 52 35	105 42 41	.50	.20	10.00	>1.0	500	N	N	N	N	200
104NM1	35 52 29	105 42 44	1.00	.30	5.00	>1.0	700	N	N	N	10	500
105NM1	35 51 52	105 42 48	1.50	.30	7.00	>1.0	1,000	N	N	N	30	700
106NM1	35 51 38	105 42 40	1.50	.30	5.00	>1.0	700	N	N	N	10	700
107NM1	35 51 29	105 42 30	1.50	.30	1.50	>1.0	500	N	N	N	50	700
108NM1	35 50 57	105 41 54	1.50	.30	5.00	>1.0	700	N	N	N	30	2,000
109NM1	35 50 55	105 40 45	1.00	.20	5.00	>1.0	500	N	N	N	50	500
110NM1	35 57 4	105 38 9	1.50	.15	.20	>1.0	50	N	N	N	100	150
111NM1	35 55 50	105 37 13	1.00	.30	1.00	>1.0	150	N	N	N	70	700
112NM1	35 55 52	105 37 13	1.00	.30	1.00	>1.0	200	N	N	N	100	700
113NM1	35 56 0	105 36 43	1.50	.30	1.00	>1.0	200	N	N	N	200	1,000
114NM1	35 57 35	105 33 45	1.00	.30	.70	>1.0	200	N	N	N	100	200
115NM1	35 56 44	105 35 16	1.00	.20	.70	>1.0	100	N	N	N	50	500
116NM1	35 56 25	105 35 22	1.00	.30	1.50	>1.0	150	N	N	N	50	500
117NM1	35 56 23	105 35 27	20.00	.30	.50	.7	1,000	N	N	N	150	300
118NM1	35 56 3	105 35 20	1.00	.30	3.00	>1.0	200	N	N	N	100	700
119NM1	35 55 19	105 36 2	1.50	.30	1.00	>1.0	200	N	N	N	200	>5,000
120NM1	35 54 56	105 36 2	1.00	.20	.70	>1.0	150	N	N	N	100	500
121NM1	35 48 15	105 44 45	1.00	.30	5.00	>1.0	300	N	N	N	30	200
122NM1	35 48 22	105 44 33	.30	.10	3.00	>1.0	300	N	N	N	<10	150
123NM1	35 48 35	105 43 50	.30	.20	5.00	>1.0	500	N	N	N	<10	150
124NM1	35 48 36	105 43 48	.30	.20	2.00	>1.0	1,500	N	N	N	<10	200
125NM1	35 48 47	105 43 22	.30	.20	2.00	>1.0	700	N	N	N	10	200
126NM1	35 48 54	105 43 8	.30	.10	3.00	>1.0	700	N	N	N	N	150
127NM1	35 48 15	105 42 38	.30	.20	2.00	>1.0	500	N	N	N	20	200
128NM1	35 48 12	105 42 45	.50	.30	2.00	>1.0	500	N	N	N	50	3,000
129NM1	35 47 41	105 42 40	.50	.30	2.00	>1.0	500	N	N	N	10	700
130NM1	35 47 31	105 42 18	.30	.20	2.00	>1.0	200	N	N	N	50	200
131NM1	35 50 51	105 43 42	1.00	.50	1.50	.5	500	N	N	N	10	1,000
132NM1	35 50 46	105 43 39	.70	.30	2.00	1.0	700	N	N	N	10	700
133NM1	35 50 49	105 43 37	1.00	.50	2.00	1.0	500	N	N	N	10	700
134NM1	35 50 39	105 43 12	.70	.30	2.00	>1.0	700	N	N	N	10	500
135NM1	35 49 55	105 43 32	.70	.30	2.00	>1.0	1,000	N	N	N	N	500
136NM1	35 49 26	105 43 36	.70	.30	2.00	>1.0	1,500	N	N	N	N	200
137NM1	35 49 37	105 42 41	.70	.50	2.00	>1.0	500	N	N	N	20	200
138NM1	35 49 34	105 42 41	.70	.20	2.00	>1.0	700	N	N	N	10	150
139NM1	35 46 34	105 44 50	.50	.20	3.00	>1.0	700	N	N	N	N	150
140NM1	35 46 37	105 44 49	.50	.10	3.00	>1.0	700	N	N	N	10	200
141NM1	35 46 39	105 44 46	.50	.30	3.00	>1.0	700	N	N	N	N	200

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
097NM1	1.0	N	N	5	20	20	30	N	100	N	70
098NM1	1.0	N	N	5	150	50	300	N	70	N	50
099NM1	<1.0	N	N	N	20	10	50	N	150	N	70
100NM1	1.5	N	N	7	70	10	100	N	70	N	100
101NM1	<1.0	N	N	5	100	30	500	N	100	N	70
102NM1	1.0	N	N	5	70	15	150	N	70	N	70
103NM1	<1.0	N	N	N	100	20	150	N	50	N	70
104NM1	<1.0	N	N	7	70	15	100	N	70	N	200
105NM1	<1.0	N	N	<5	70	10	150	N	100	N	70
106NM1	<1.0	N	N	5	70	10	150	N	50	N	50
107NM1	<1.0	N	N	5	100	10	150	N	30	N	70
108NM1	<1.0	N	N	5	50	10	300	N	50	N	70
109NM1	<1.0	N	N	5	70	10	200	N	50	N	70
110NM1	<1.0	N	N	10	70	15	200	N	70	N	30
111NM1	<1.0	N	N	10	100	15	300	N	100	N	70
112NM1	<1.0	N	N	N	50	10	150	N	100	N	30
113NM1	<1.0	N	N	10	70	15	300	N	100	N	70
114NM1	<1.0	N	N	10	150	15	300	N	100	N	150
115NM1	5.0	N	N	10	100	15	500	N	150	N	70
116NM1	1.0	N	N	10	150	15	200	N	150	N	100
117NM1	2.0	N	N	30	70	150	100	10	30	70	100
118NM1	<1.0	N	N	15	150	15	300	N	100	N	70
119NM1	1.0	N	N	15	70	15	150	N	100	N	70
120NM1	<1.0	N	N	10	100	15	150	N	70	N	50
121NM1	<1.0	15	N	N	<10	10	70	N	<20	5	70
122NM1	<1.0	50	<20	5	<10	15	70	N	20	5	70
123NM1	<1.0	70	N	N	<10	20	150	<5	<20	5	70
124NM1	<1.0	N	N	5	20	<5	100	<5	20	5	70
125NM1	<1.0	N	N	<5	30	<5	100	N	<20	5	70
126NM1	<1.0	15	N	N	20	<5	100	<5	<20	5	70
127NM1	<1.0	N	N	N	50	10	150	<5	<20	5	50
128NM1	<1.0	50	N	5	70	7	150	N	<20	5	70
129NM1	<1.0	30	N	N	50	10	70	N	<20	5	70
130NM1	<1.0	N	N	5	70	7	150	N	20	5	70
131NM1	<1.0	N	N	7	50	<5	70	N	<20	5	30
132NM1	<1.0	N	N	7	30	<5	70	N	<20	5	50
133NM1	1.0	N	N	7	70	150	100	N	<20	5	50
134NM1	<1.0	N	N	<5	50	10	100	N	20	5	50
135NM1	<1.0	10	N	N	30	100	70	<5	20	5	70
136NM1	N	10	N	N	20	100	70	<5	20	5	70
137NM1	1.0	10	N	N	100	<5	300	N	20	5	70
138NM1	<1.0	15	N	<5	15	N	100	<5	20	5	70
139NM1	<1.0	10	N	N	30	N	100	<5	<20	5	50
140NM1	<1.0	<10	N	N	20	N	70	<5	<20	5	50
141NM1	<1.0	20	N	<5	20	N	70	N	<20	5	70

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
097NM1	N	50	N	N	150	N	200	N	>1,000	--
098NM1	N	70	N	700	500	N	>200	N	>1,000	--
099NM1	N	70	N	N	150	N	>200	N	>1,000	--
100NM1	N	70	N	N	200	100	>200	N	>1,000	--
101NM1	N	50	N	700	300	N	150	N	>1,000	--
102NM1	N	50	N	200	200	150	>200	N	>1,000	--
103NM1	N	30	N	100	300	N	>200	N	>1,000	--
104NM1	N	30	N	150	200	N	>200	N	>1,000	--
105NM1	N	30	N	100	200	N	>200	N	>1,000	--
106NM1	N	30	N	150	200	100	150	N	>1,000	--
107NM1	N	30	N	300	300	70	>200	N	>1,000	--
108NM1	N	30	N	300	200	<50	>200	N	>1,000	--
109NM1	N	50	N	500	200	<50	>200	N	>1,000	--
110NM1	N	50	N	500	200	N	>200	N	>1,000	--
111NM1	N	50	N	700	200	N	>200	N	>1,000	--
112NM1	N	30	N	700	100	N	200	N	>1,000	--
113NM1	N	70	N	700	200	N	>200	N	>1,000	--
114NM1	N	70	N	700	300	N	200	N	>1,000	--
115NM1	N	100	N	700	300	N	>200	N	>1,000	--
116NM1	N	50	N	700	300	N	>200	N	>1,000	--
117NM1	N	20	N	150	100	N	150	300	700	--
118NM1	N	50	N	700	200	N	>200	N	>1,000	--
119NM1	N	30	N	300	150	N	>200	N	>1,000	--
120NM1	N	30	N	500	300	N	150	N	>1,000	--
121NM1	N	10	15	<100	30	N	300	N	>1,000	--
122NM1	N	10	30	<100	70	<50	500	N	>1,000	--
123NM1	N	10	30	N	70	N	500	N	>1,000	--
124NM1	N	10	15	<100	70	N	>500	N	>1,000	--
125NM1	N	10	20	N	70	N	500	N	>1,000	--
126NM1	N	10	30	N	100	N	>500	N	>1,000	--
127NM1	N	10	10	<100	100	N	>500	N	>1,000	--
128NM1	N	<5	20	300	70	N	500	N	>1,000	--
129NM1	N	10	100	100	70	N	300	N	>1,000	--
130NM1	N	10	15	300	100	N	300	N	>1,000	--
131NM1	N	10	10	100	70	N	100	N	>1,000	--
132NM1	N	<5	10	100	70	N	150	N	1,000	--
133NM1	N	20	10	100	70	<50	150	N	700	--
134NM1	N	<5	20	<100	70	N	300	N	1,000	--
135NM1	N	<5	30	<100	70	N	>500	N	>1,000	--
136NM1	N	5	30	<100	70	N	>500	N	1,000	--
137NM1	N	<5	20	<100	70	N	>500	N	>1,000	--
138NM1	N	<5	30	<100	70	N	>500	N	1,000	--
139NM1	N	<5	20	<100	100	N	>500	N	>1,000	--
140NM1	N	5	20	<100	70	N	200	N	1,000	--
141NM1	N	<5	15	200	100	N	200	N	1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
142NM1	35 46 54	105 43 45	.70	.30	1.50	.7	500	N	N	N	10	300
143NM1	35 46 57	105 43 20	1.00	.50	1.50	.5	300	N	N	N	30	200
144NM1	35 46 55	105 43 9	2.00	.70	2.00	>1.0	2,000	N	N	N	150	300
145NM1	35 46 47	105 42 22	1.00	.50	2.00	>1.0	500	N	N	N	100	700
146NM1	35 46 12	105 44 4	.50	.20	2.00	>1.0	500	N	N	N	N	200
147NM1	35 46 15	105 43 13	2.00	.50	2.00	>1.0	700	N	N	N	30	3,000
148NM1	35 49 26	105 37 11	2.00	.30	.20	>1.0	150	N	N	N	30	500
149NM1	35 49 21	105 37 7	3.00	.30	.30	>1.0	200	N	N	N	50	500
150NM1	35 48 54	105 37 11	2.00	.20	.70	>1.0	150	N	N	N	50	>5,000
151NM1	35 48 5	105 37 52	2.00	.30	.50	>1.0	200	N	N	N	30	700
152NM1	35 47 26	105 38 32	2.00	.50	.50	>1.0	200	N	N	N	50	700
153NM1	35 47 22	105 38 32	1.00	.30	1.00	1.0	150	N	N	N	20	500
154NM1	35 47 23	105 44 29	1.00	.30	2.00	>1.0	500	N	N	N	N	150
155NM1	35 47 25	105 44 31	1.00	.20	1.50	1.0	500	N	N	N	N	300
156NM1	35 47 42	105 43 38	2.00	.70	1.50	>1.0	1,000	N	N	N	30	300
157NM1	35 47 40	105 43 29	1.50	.50	2.00	>1.0	700	N	N	N	20	300
158NM1	35 47 46	105 43 24	3.00	.50	1.50	>1.0	1,000	N	N	N	20	300
159NM1	35 47 43	105 42 30	2.00	.30	1.00	>1.0	500	N	N	N	20	500
160NM1	35 47 38	105 42 35	3.00	.50	1.50	>1.0	700	N	N	N	20	500
161NM1	35 54 35	105 38 18	2.00	.20	.50	>1.0	500	N	N	N	30	1,000
162NM1	35 54 4	105 37 54	2.00	.50	.50	>1.0	150	N	N	N	50	150
163NM1	35 53 29	105 37 55	1.00	.20	.50	>1.0	150	N	N	N	50	200
164NM1	35 52 39	105 38 51	.70	.10	.10	>1.0	50	N	N	N	20	100
165NM1	35 52 37	105 38 48	.70	.15	.10	>1.0	70	N	N	N	30	150
166NM1	35 52 33	105 38 52	7.00	.30	.10	>1.0	300	N	N	N	1,500	200
167NM1	35 52 15	105 39 9	.50	.10	.05	>1.0	50	N	N	N	50	200
168NM1	35 52 19	105 39 11	.50	.10	.07	>1.0	70	N	N	N	30	150
169NM1	35 51 32	105 39 12	.30	.07	1.50	.2	20	N	N	N	20	50
170NM1	35 50 36	105 39 25	.30	.10	.07	>1.0	70	N	N	N	50	1,000
171NM1	35 56 48	105 31 44	.50	.05	.05	>1.0	3,000	N	N	N	50	500
172NM1	35 55 55	105 32 37	.70	.10	.15	>1.0	200	N	N	N	20	300
173NM1	35 55 35	105 33 2	.70	.10	.05	>1.0	100	N	N	N	30	700
174NM1	35 54 57	105 33 27	.70	.10	.07	>1.0	150	N	N	N	70	700
175NM1	35 54 6	105 34 18	1.00	.10	.50	>1.0	150	N	N	N	30	200
176NM1	35 52 22	105 34 42	.50	.10	.20	>1.0	100	N	N	N	20	200
177NM1	35 54 47	105 38 56	.70	.10	.10	.7	200	N	N	N	15	70
178NM1	36 1 23	105 31 48	2.00	.30	.50	1.0	300	N	N	N	30	5,000
179NM1	36 1 18	105 31 45	1.00	.20	.70	>1.0	50	N	N	N	30	3,000
180NM1	36 1 13	105 31 40	1.00	.20	.50	>1.0	100	N	N	N	30	500
181NM1	36 2 36	105 35 16	.20	.10	.50	>1.0	70	N	N	N	50	700
183NM1	36 0 14	105 32 54	1.00	.20	.70	>1.0	150	N	N	N	20	1,000
184NM1	36 1 0	105 33 17	1.00	.20	.50	>1.0	100	N	N	N	50	1,000
185NM1	36 1 19	105 33 22	.50	.10	.70	>1.0	100	N	N	N	10	500
186NM1	36 1 41	105 33 42	1.00	.10	.30	>1.0	150	N	N	N	30	700
187NM1	36 2 10	105 34 44	1.00	.15	.70	>1.0	150	N	N	N	30	500

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
142NM1	<1.0	N	N	<5	20	<5	30	N	20	5	30
143NM1	1.0	15	N	<5	20	5	20	N	<20	5	30
144NM1	<1.0	N	N	15	50	20	100	<5	20	5	70
145NM1	<1.0	N	N	5	30	5,000	200	N	30	5	70
146NM1	N	50	N	5	15	50	100	5	20	5	70
147NM1	<1.0	30	N	10	30	10	50	<5	<20	5	70
148NM1	1.0	N	N	10	50	5	70	N	20	<5	50
149NM1	<1.0	N	N	7	20	5	70	N	<20	5	50
150NM1	<1.0	N	N	5	20	5	150	N	<20	5	70
151NM1	<1.0	N	N	5	30	<5	150	N	<20	5	50
152NM1	1.0	70	N	10	50	5	100	N	20	5	70
153NM1	<1.0	150	N	5	20	10	50	N	<20	5	50
154NM1	<1.0	N	N	5	50	<5	70	5	30	<5	100
155NM1	<1.0	50	N	<5	<10	<5	20	<5	<20	5	70
156NM1	<1.0	15	N	10	10	<5	70	5	20	15	70
157NM1	<1.0	N	N	5	30	<5	100	5	20	10	70
158NM1	<1.0	10	N	10	10	<5	100	5	30	10	70
159NM1	<1.0	N	N	5	20	10	150	<5	20	7	70
160NM1	N	N	N	15	20	10	100	5	20	20	70
161NM1	<1.0	N	N	5	50	15	150	<5	<20	10	70
162NM1	<1.0	N	N	7	50	<5	100	N	30	10	50
163NM1	N	N	N	5	50	<5	200	N	<20	5	70
164NM1	N	N	N	N	<10	N	70	N	30	<5	N
165NM1	<1.0	N	N	5	50	5	150	N	20	<5	50
166NM1	1.0	N	N	15	70	70	150	10	20	50	70
167NM1	<1.0	N	N	7	50	<5	200	N	20	5	30
168NM1	<1.0	N	N	7	50	<5	150	N	<20	5	30
169NM1	N	N	N	5	<10	<5	<20	N	<20	7	<10
170NM1	<1.0	N	N	7	50	7	200	N	20	<5	30
171NM1	1.0	N	N	10	50	15	200	N	20	10	50
172NM1	1.0	N	N	7	70	15	200	N	20	10	50
173NM1	<1.0	N	N	7	70	10	150	N	20	<5	50
174NM1	1.5	N	N	7	70	10	200	N	20	<5	50
175NM1	<1.0	N	N	7	70	10	150	N	20	<5	500
176NM1	<1.0	N	N	7	70	5	150	N	<20	<5	50
177NM1	<1.0	N	N	7	30	15	70	N	<20	<5	20
178NM1	<1.0	N	N	10	30	15	70	N	30	20	20
179NM1	<1.0	N	N	5	20	<5	100	N	30	<5	20
180NM1	<1.0	N	N	10	150	10	200	N	30	<5	50
181NM1	1.0	N	N	5	100	10	150	N	<20	<5	100
183NM1	<1.0	N	N	5	30	5	150	N	30	<5	30
184NM1	<1.0	N	N	5	50	5	200	N	20	<5	30
185NM1	<1.0	N	N	5	20	<5	200	N	30	<5	20
186NM1	1.0	N	N	7	50	<5	200	5	20	<5	30
187NM1	<1.0	N	N	7	50	<5	200	N	20	<5	50

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
142NM1	N	10	15	150	30	N	200	N	1,000	--
143NM1	N	10	<10	150	50	N	70	N	>1,000	--
144NM1	N	30	20	150	70	N	300	N	>1,000	--
145NM1	N	10	15	500	100	N	200	N	>1,000	--
146NM1	N	<5	30	<100	100	N	300	N	1,000	--
147NM1	N	20	20	300	100	N	300	N	1,000	--
148NM1	N	<5	N	200	100	N	70	N	>1,000	--
149NM1	N	<5	10	200	100	N	150	200	>1,000	--
150NM1	N	20	15	500	70	N	500	N	>1,000	--
151NM1	N	5	<10	300	100	N	150	N	>1,000	--
152NM1	N	20	N	200	70	N	70	N	1,000	--
153NM1	N	10	N	200	50	100	150	N	>1,000	--
154NM1	N	<5	30	<100	150	N	300	N	1,000	--
155NM1	N	<5	15	100	70	N	200	N	>1,000	--
156NM1	N	<5	30	150	100	N	200	N	500	--
157NM1	N	<5	30	150	100	N	300	N	>1,000	--
158NM1	N	<5	20	100	100	N	300	N	>1,000	--
159NM1	N	10	20	300	100	N	300	N	>1,000	--
160NM1	N	5	20	150	100	N	300	N	>1,000	--
161NM1	N	10	<10	500	100	N	200	N	>1,000	--
162NM1	N	5	N	500	70	N	150	N	>1,000	--
163NM1	N	5	15	700	100	N	150	N	>1,000	--
164NM1	N	N	N	300	70	N	30	N	>1,000	--
165NM1	N	10	10	500	100	N	150	N	>1,000	--
166NM1	N	20	N	200	70	N	500	300	200	--
167NM1	N	50	10	700	70	N	150	N	>1,000	--
168NM1	N	50	<10	700	70	N	200	N	>1,000	--
169NM1	N	5	N	100	10	N	<10	<200	70	--
170NM1	N	30	<10	500	70	N	200	N	>1,000	--
171NM1	N	30	15	500	70	N	200	N	>1,000	--
172NM1	N	30	20	500	70	N	300	N	>1,000	--
173NM1	N	50	20	500	70	N	200	N	>1,000	--
174NM1	N	20	15	500	70	N	200	N	>1,000	--
175NM1	N	20	15	500	70	N	200	N	>1,000	--
176NM1	N	30	15	300	70	N	300	N	>1,000	--
177NM1	N	20	30	300	50	N	100	N	>1,000	--
178NM1	N	10	N	300	50	N	50	N	>1,000	--
179NM1	N	15	N	300	50	N	70	N	>1,000	--
180NM1	N	20	50	500	70	N	200	N	>1,000	--
181NM1	N	20	30	500	70	N	>500	N	>1,000	--
183NM1	N	20	15	300	70	N	150	700	>1,000	--
184NM1	N	30	15	300	70	N	200	N	>1,000	--
185NM1	N	10	<10	500	50	N	100	N	>1,000	--
186NM1	N	20	15	500	70	N	150	N	>1,000	--
187NM1	N	20	20	500	70	N	200	N	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
188NM1	35 59 5	105 34 38	1.00	.20	.70	>1.0	150	N	N	N	50	300
189NM1	35 59 5	105 34 30	1.00	.10	.50	>1.0	150	N	N	N	50	500
190NM1	35 59 18	105 34 43	.50	.10	.70	>1.0	100	N	N	N	50	500
191NM1	35 59 34	105 34 44	.50	.15	.70	>1.0	200	N	N	N	50	500
192NM1	35 59 54	105 34 37	.50	.10	.70	>1.0	150	N	N	N	50	500
193NM1	36 0 9	105 34 31	.50	.20	.50	>1.0	150	N	N	N	50	500
194NM1	36 1 48	105 34 26	1.00	.15	1.00	>1.0	150	N	N	N	30	700
232NM1	35 57 52	105 45 25	1.00	.20	5.00	>1.0	300	N	N	N	<10	300
233NM1	35 58 11	105 46 11	1.50	.20	5.00	1.0	500	N	N	N	<10	200
234NM1	35 58 14	105 46 12	1.00	.50	7.00	1.0	500	N	N	N	N	500
235NM1	35 58 22	105 46 38	1.00	.30	5.00	1.0	500	N	N	N	N	700
236NM1	35 58 35	105 47 29	1.50	.30	5.00	1.0	700	N	N	N	<10	700
237NM1	35 58 51	105 48 2	.70	.20	.70	.1	200	N	N	N	N	200
238NM1	35 58 46	105 48 25	.70	.20	5.00	>1.0	500	N	N	N	10	300
239NM1	35 58 44	105 48 21	1.00	.30	5.00	>1.0	500	N	N	N	<10	700
240NM1	35 56 10	105 30 49	1.00	.20	.05	>1.0	100	N	N	N	15	500
241NM1	35 55 6	105 30 47	1.00	.30	.07	>1.0	150	<.5	N	N	10	700
242NM1	35 54 16	105 30 50	1.00	.20	<.05	>1.0	150	N	N	N	30	500
245NM1	35 53 37	105 31 46	1.00	.30	<.05	>1.0	100	.5	N	N	50	700
246NM1	35 57 7	105 29 53	1.00	.10	.05	>1.0	100	N	N	N	30	500
247NM1	35 56 52	105 29 59	1.00	.15	<.05	>1.0	150	N	N	N	100	200
248NM1	35 56 19	105 30 32	1.50	.10	.05	>1.0	200	N	N	N	20	200
249NM1	35 56 15	105 30 37	1.00	.10	.05	>1.0	500	N	N	N	30	200
250NM1	35 55 52	105 31 1	1.50	.15	.05	>1.0	200	N	N	N	30	300
251NM1	35 54 46	105 30 45	1.00	.30	<.05	>1.0	300	N	N	N	20	500
252NM1	35 54 22	105 30 55	1.00	.20	.05	1.0	500	N	N	N	10	300
253NM1	35 53 53	105 31 38	1.00	.50	.10	.7	150	N	N	N	50	300
254NM1	35 53 40	105 31 46	1.00	.30	.10	.7	150	N	N	N	30	500
255NM1	35 50 32	105 51 40	1.00	.30	2.00	1.0	300	.5	N	N	10	300
256NM1	35 48 45	105 45 56	1.00	.50	1.00	1.0	300	.7	N	N	<10	300
257NM1	35 48 47	105 46 3	1.00	.30	1.50	1.0	300	N	N	N	<10	500
258NM1	35 48 57	105 46 8	.50	.10	1.50	>1.0	500	N	N	N	N	100
259NM1	35 49 12	105 46 47	.50	.10	1.50	>1.0	300	N	N	N	N	150
260NM1	35 49 17	105 47 1	.50	.15	1.50	>1.0	300	N	N	N	N	200
261NM1	35 49 8	105 47 8	1.00	.30	1.00	.3	200	N	N	N	<10	700
262NM1	35 49 14	105 47 37	.50	.20	1.50	.5	300	N	N	N	<10	300
263NM1	35 49 53	105 48 49	1.00	.50	1.00	.7	300	N	N	N	<10	500
264NM1	35 49 47	105 48 47	.30	.10	2.00	1.0	300	N	N	N	N	200
265NM1	35 49 55	105 49 42	.30	.10	1.50	1.0	200	N	N	N	N	200
266NM1	35 50 36	105 50 47	.70	.30	2.00	1.0	500	N	N	N	N	300
267NM1	35 50 40	105 50 45	.50	.20	2.00	1.0	500	N	N	N	N	200
268NM1	35 50 59	105 46 32	.50	.10	2.00	>1.0	300	N	N	N	N	100
269NM1	35 50 20	105 47 12	.50	.20	2.00	>1.0	300	N	N	N	N	150
270NM1	35 50 15	105 47 9	.30	.10	2.00	>1.0	300	N	N	N	N	70
271NM1	35 51 5	105 49 33	.50	.20	7.00	1.0	300	N	N	N	N	100

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
188NM1	<1.0	N	N	7	30	<5	300	N	20	<5	50
189NM1	<1.0	N	N	5	20	<5	200	N	20	<5	30
190NM1	<1.0	N	N	5	30	<5	300	N	50	<5	30
191NM1	<1.0	N	N	5	30	<5	300	N	30	<5	50
192NM1	<1.0	N	N	7	30	<5	200	N	20	<5	30
193NM1	1.5	N	N	5	30	<5	300	N	30	<5	30
194NM1	<1.0	N	N	5	30	10	150	N	20	<5	30
232NM1	<1.0	N	N	5	50	5	100	N	20	5	30
233NM1	1.5	N	N	5	30	5	70	N	20	5	30
234NM1	<1.0	N	N	5	70	5	100	N	<20	5	200
235NM1	<1.0	N	N	5	30	5	70	N	<20	5	30
236NM1	1.5	N	N	5	70	5	100	N	20	5	50
237NM1	1.0	N	N	5	N	5	N	N	N	10	30
238NM1	<1.0	N	N	N	30	5	100	N	20	5	50
239NM1	<1.0	N	N	5	50	5	100	N	20	5	30
240NM1	<1.0	N	N	5	100	5	150	N	20	5	50
241NM1	<1.0	N	N	5	50	<5	50	N	20	5	50
242NM1	15.0	N	N	10	100	7	100	N	20	15	100
245NM1	1.0	N	N	7	100	<5	30	N	<20	5	70
246NM1	<1.0	N	N	5	100	<5	200	N	20	<5	50
247NM1	<1.0	N	N	10	70	5	150	N	20	5	30
248NM1	<1.0	N	N	10	100	10	200	N	20	5	70
249NM1	<1.0	N	N	7	100	<5	150	N	20	5	50
250NM1	<1.0	N	N	7	50	10	150	N	20	5	70
251NM1	<1.0	N	N	5	70	<5	150	N	<20	5	70
252NM1	<1.0	N	N	7	50	5	20	N	<20	5	30
253NM1	<1.0	N	N	7	50	<5	50	N	<20	5	30
254NM1	<1.0	N	N	10	30	5	50	N	<20	5	30
255NM1	<1.0	150	N	5	30	<5	50	N	<20	<5	30
256NM1	<1.0	N	N	5	30	7	200	N	<20	<5	30
257NM1	<1.0	N	N	5	30	<5	70	N	20	<5	50
258NM1	<1.0	20	N	7	10	<5	70	N	20	<5	50
259NM1	<1.0	<10	N	7	10	<5	70	N	20	<5	20
260NM1	<1.0	<10	N	7	15	10	70	N	20	<5	20
261NM1	<1.0	N	N	5	30	<5	70	N	<20	<5	15
262NM1	<1.0	N	N	5	20	<5	100	N	<20	<5	30
263NM1	<1.0	N	N	7	20	<5	70	N	<20	<5	20
264NM1	<1.0	<10	N	5	10	<5	70	N	<20	<5	30
265NM1	<1.0	<10	N	5	<10	<5	70	N	<20	<5	20
266NM1	<1.0	<10	N	5	15	<5	100	N	<20	<5	20
267NM1	<1.0	<10	N	5	30	<5	100	N	<20	<5	30
268NM1	<1.0	<10	N	7	20	<5	70	N	20	<5	20
269NM1	<1.0	N	N	5	<10	<5	70	N	<20	<5	30
270NM1	<1.0	<10	N	7	10	<5	70	N	20	<5	50
271NM1	<1.0	<10	N	5	10	<5	200	N	<20	<5	30

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
188NM1	N	20	20	500	100	N	200	N	>1,000	--
189NM1	N	20	10	500	70	N	150	N	>1,000	--
190NM1	N	20	15	700	70	N	200	N	>1,000	--
191NM1	N	20	20	500	70	N	200	N	>1,000	--
192NM1	N	20	20	500	70	N	200	N	>1,000	--
193NM1	N	30	15	500	70	N	300	<200	>1,000	--
194NM1	N	15	N	500	50	N	150	500	>1,000	--
232NM1	N	15	20	200	70	N	200	200	>1,000	--
233NM1	N	15	10	200	70	<50	200	<200	>1,000	--
234NM1	N	15	15	500	70	N	150	N	>1,000	--
235NM1	N	15	10	150	70	N	150	N	1,000	--
236NM1	N	15	20	300	70	N	300	N	>1,000	--
237NM1	N	<5	N	200	10	N	15	N	100	--
238NM1	N	15	15	300	50	50	300	200	>1,000	--
239NM1	N	15	15	200	70	N	200	N	1,000	--
240NM1	N	20	15	300	100	N	200	N	>1,000	--
241NM1	N	15	<10	100	50	N	20	N	200	--
242NM1	N	15	<10	300	70	N	50	N	300	--
245NM1	N	15	<10	150	50	N	30	N	200	--
246NM1	N	20	15	500	70	N	150	N	>1,000	--
247NM1	N	15	10	200	50	N	150	N	>1,000	--
248NM1	N	15	10	500	100	<50	200	N	>1,000	--
249NM1	N	15	10	500	70	N	150	N	>1,000	--
250NM1	N	15	10	700	50	N	70	N	700	--
251NM1	N	15	<10	150	50	N	30	N	200	--
252NM1	N	15	<10	100	50	N	20	N	200	--
253NM1	N	10	N	100	50	N	30	N	200	--
254NM1	N	10	N	<100	50	N	10	N	150	--
255NM1	N	15	15	<100	50	N	70	N	200	--
256NM1	N	15	10	200	30	N	70	300	200	--
257NM1	N	15	70	<100	50	N	100	N	200	--
258NM1	N	15	30	<100	50	N	150	N	300	--
259NM1	N	20	30	<100	70	N	150	N	500	--
260NM1	N	15	20	<100	50	N	200	N	1,000	--
261NM1	N	15	N	100	50	N	70	N	200	--
262NM1	N	15	15	<100	30	N	200	N	>1,000	--
263NM1	N	15	15	<100	50	N	100	N	300	--
264NM1	N	15	30	<100	50	N	200	N	500	--
265NM1	N	10	N	150	50	N	50	N	300	--
266NM1	N	15	20	<100	50	N	150	N	200	--
267NM1	N	10	15	150	50	<50	300	N	>1,000	--
268NM1	N	15	20	<100	70	N	200	N	700	--
269NM1	N	15	10	<100	30	N	200	N	>1,000	--
270NM1	N	15	30	N	50	N	300	N	>1,000	--
271NM1	N	15	N	<100	30	N	500	N	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
272NM1	35 51 11	105 49 34	.30	.15	3.00	.7	200	N	N	N	N	200
273NM1	35 51 13	105 49 45	.30	.15	.50	.1	100	N	N	N	N	300
274NM1	35 50 54	105 50 7	.50	.20	.50	.1	200	N	N	N	N	200
275NM1	35 51 30	105 46 47	.70	.30	2.00	>1.0	500	N	N	N	N	150
276NM1	35 51 33	105 46 42	.70	.20	2.00	>1.0	500	N	N	N	N	300
277NM1	35 51 40	105 46 51	.30	.10	1.00	1.0	200	N	N	N	N	200
278NM1	35 51 47	105 47 2	.30	.10	2.00	1.0	300	N	N	N	N	150
279NM1	35 52 5	105 47 37	.20	.07	2.00	>1.0	300	N	N	N	N	50
280NM1	35 51 54	105 47 45	.50	.20	2.00	1.0	200	N	N	N	N	300
281NM1	35 51 33	105 48 34	.50	.10	3.00	1.0	300	N	N	N	N	200
282NM1	35 52 11	105 45 34	.70	.30	3.00	>1.0	700	N	N	N	<10	300
283NM1	35 51 22	105 49 21	.50	.15	2.00	>1.0	300	N	N	N	N	150
284NM1	35 53 42	105 31 52	.70	1.50	.50	>1.0	500	N	N	N	300	500
285NM1	35 53 17	105 32 0	1.00	.50	.10	>1.0	100	N	N	N	20	700
286NM1	35 53 15	105 33 1	.70	.20	.10	>1.0	100	N	N	N	50	500
287NM1	35 52 8	105 32 52	.70	.20	.20	>1.0	150	N	N	N	50	150
288NM1	35 52 11	105 32 57	.50	.15	.50	>1.0	150	N	N	N	<10	200
289NM1	35 52 3	105 32 51	.50	.15	1.00	>1.0	150	N	N	N	<10	200
290NM1	35 52 1	105 33 17	.70	.15	1.50	>1.0	200	N	N	N	<10	200
291NM1	35 52 17	105 33 54	.50	.20	.70	>1.0	150	N	N	N	30	300
292NM1	35 52 21	105 33 57	1.00	.50	.50	>1.0	200	N	N	N	30	500
293NM1	35 51 52	105 34 47	.30	.15	.70	>1.0	150	N	N	N	20	200
294NM1	35 51 21	105 35 11	1.50	.15	.70	>1.0	200	N	N	N	20	500
295NM1	35 51 18	105 35 27	1.00	.15	.10	>1.0	150	N	N	N	20	200
296NM1	35 50 22	105 32 39	.70	.15	2.00	>1.0	150	N	N	N	15	1,000
297NM1	35 49 48	105 32 55	.30	.05	.10	>1.0	50	N	N	N	30	300
298NM1	35 49 53	105 32 58	.30	.07	.10	>1.0	100	N	N	N	30	>5,000
299NM1	35 49 19	105 33 28	.50	.07	.50	>1.0	150	N	N	N	20	>5,000
300NM1	35 49 15	105 33 26	1.00	.70	1.50	>1.0	300	N	N	N	500	700
301NM1	35 48 54	105 34 15	1.00	.20	.50	>1.0	200	N	N	N	50	1,000
302NM1	35 48 10	105 34 53	2.00	.50	1.00	>1.0	700	N	N	N	20	1,000
303NM1	35 48 0	105 35 51	.70	.10	1.00	>1.0	100	N	N	N	30	2,000
304NM1	35 47 39	105 33 32	1.00	.20	.70	>1.0	700	N	N	N	150	500
305NM1	35 47 42	105 33 24	1.00	.70	2.00	1.0	500	N	N	N	20	300
306NM1	35 48 1	105 33 44	1.50	1.00	2.00	.7	500	N	N	N	200	300
307NM1	35 48 4	105 34 50	.70	.30	2.00	1.0	200	N	N	N	70	300
308NM1	35 47 55	105 35 28	1.00	.30	2.00	>1.0	500	N	N	N	15	2,000
309NM1	35 44 54	105 46 40	1.00	.30	2.00	>1.0	500	N	N	N	N	200
310NM1	35 44 57	105 46 36	1.00	.20	3.00	>1.0	300	N	N	N	N	200
311NM1	35 44 44	105 46 32	1.00	.30	2.00	>1.0	500	N	N	N	N	200
312NM1	35 44 25	105 47 5	.70	.20	3.00	>1.0	500	N	N	N	N	150
313NM1	35 43 50	105 47 30	.30	.10	3.00	>1.0	300	N	N	N	N	150
314NM1	35 43 52	105 47 23	.70	.50	3.00	>1.0	500	N	N	N	<10	200
315NM1	35 43 39	105 47 30	.50	.30	3.00	>1.0	500	N	N	N	N	200
316NM1	35 43 19	105 47 53	.50	.30	3.00	>1.0	500	N	N	N	N	150

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
272NM1	2.0	N	N	5	<10	<5	50	N	<20	<5	20
273NM1	<1.0	N	N	5	N	5	N	N	N	<5	20
274NM1	<1.0	N	N	5	10	5	N	N	N	5	20
275NM1	<1.0	N	N	5	20	<5	100	N	50	<5	70
276NM1	<1.0	N	N	5	20	<5	70	N	<20	<5	30
277NM1	<1.0	N	N	5	N	5	50	N	<20	<5	30
278NM1	<1.0	N	N	5	N	<5	70	N	<20	<5	50
279NM1	<1.0	N	N	5	10	<5	70	N	<20	5	30
280NM1	<1.0	N	N	5	10	<5	70	N	<20	5	20
281NM1	<1.0	N	N	5	10	<5	70	N	<20	<5	30
282NM1	<1.0	N	N	5	50	<5	100	15	<20	5	30
283NM1	<1.0	N	N	5	10	<5	150	N	<20	<5	30
284NM1	<1.0	N	N	5	70	<5	50	N	20	<5	30
285NM1	30.0	N	N	<5	50	10	70	N	<20	N	70
286NM1	<1.0	N	N	7	50	7	150	N	30	<5	50
287NM1	<1.0	N	N	7	70	5	100	N	20	<5	50
288NM1	2.0	N	N	<5	15	<5	70	N	<20	<5	30
289NM1	1.0	N	N	5	50	<5	70	N	<20	<5	50
290NM1	<1.0	N	N	5	50	<5	100	N	<20	<5	50
291NM1	<1.0	N	N	5	30	<5	70	N	<20	<5	50
292NM1	<1.0	N	N	7	50	10	100	N	<20	5	30
293NM1	2.0	N	N	<5	10	<5	70	N	20	<5	50
294NM1	<1.0	30	N	5	50	<5	200	N	20	<5	50
295NM1	<1.0	N	N	5	50	<5	150	N	20	<5	30
296NM1	<1.0	50	N	7	70	<5	100	N	20	<5	30
297NM1	<1.0	N	N	5	50	<5	150	N	<20	<5	50
298NM1	<1.0	<10	N	5	50	<5	200	N	<20	<5	50
299NM1	<1.0	200	N	5	50	5	300	N	30	<5	100
300NM1	1.0	10	N	10	70	10	150	100	30	10	500
301NM1	<1.0	N	N	5	50	<5	150	N	<20	10	30
302NM1	<1.0	50	N	10	20	<5	70	<5	<20	<5	30
303NM1	<1.0	N	N	5	70	5	150	N	20	<5	50
304NM1	1.0	150	N	5	100	10	150	N	20	<5	70
305NM1	1.0	150	N	10	50	70	50	N	<20	<5	50
306NM1	1.0	200	N	15	50	15	50	N	<20	10	30
307NM1	1.0	150	N	5	20	5	70	N	50	10	30
308NM1	<1.0	N	N	5	50	5	200	N	20	10	30
309NM1	<1.0	<10	N	5	30	10	100	N	150	<5	500
310NM1	<1.0	100	N	5	20	<5	100	N	20	<5	70
311NM1	<1.0	150	N	5	30	<5	70	N	20	7	50
312NM1	<1.0	<10	N	5	30	<5	150	N	20	5	100
313NM1	<1.0	10	N	5	10	<5	50	N	<20	N	50
314NM1	<1.0	N	N	7	30	<5	150	N	20	10	70
315NM1	1.0	N	N	5	10	<5	70	N	20	<5	50
316NM1	<1.0	N	N	7	20	<5	70	N	<20	<5	50

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
272NM1	N	15	N	100	20	N	150	N	>1,000	--
273NM1	N	<5	N	100	<10	N	20	N	200	--
274NM1	N	<5	N	100	<10	N	20	N	150	--
275NM1	N	15	20	100	50	50	150	N	700	--
276NM1	N	15	15	100	50	100	150	N	700	--
277NM1	N	7	<10	100	20	N	50	N	500	--
278NM1	N	15	<10	100	20	50	100	N	>1,000	--
279NM1	N	15	15	<100	50	N	150	N	>1,000	--
280NM1	N	15	<10	100	30	<50	100	N	>1,000	--
281NM1	N	15	15	<100	30	N	200	N	>1,000	--
282NM1	N	20	15	<100	100	200	200	N	1,000	--
283NM1	N	15	15	<100	30	<50	200	N	>1,000	--
284NM1	N	15	10	100	100	N	50	N	1,000	--
285NM1	N	10	N	300	100	N	100	N	>1,000	--
286NM1	N	20	10	500	70	N	70	N	>1,000	--
287NM1	N	20	10	300	70	N	200	N	>1,000	--
288NM1	N	20	10	<100	50	N	200	N	>1,000	--
289NM1	N	20	20	100	70	N	200	N	>1,000	--
290NM1	N	15	20	200	70	N	200	N	>1,000	--
291NM1	N	15	15	100	70	N	200	N	>1,000	--
292NM1	N	10	<10	300	50	N	30	N	1,000	--
293NM1	N	15	20	<100	50	N	>500	N	>1,000	--
294NM1	N	15	15	500	70	50	100	N	>1,000	--
295NM1	N	20	15	200	70	<50	150	N	>1,000	--
296NM1	N	15	15	300	70	<50	200	N	>1,000	--
297NM1	N	50	15	500	70	N	300	N	>1,000	--
298NM1	N	50	10	500	70	N	300	N	>1,000	--
299NM1	N	50	15	500	70	300	200	N	>1,000	--
300NM1	N	20	<10	500	70	300	200	N	>1,000	--
301NM1	N	50	10	500	70	<50	300	N	>1,000	--
302NM1	N	30	15	300	70	500	300	200	>1,000	--
303NM1	N	70	20	500	70	<50	300	N	>1,000	--
304NM1	N	50	15	500	70	500	300	N	>1,000	--
305NM1	N	15	N	200	70	300	100	N	>1,000	--
306NM1	N	15	N	300	70	300	100	N	500	--
307NM1	N	10	N	300	70	300	100	N	1,000	--
308NM1	N	15	10	500	70	<50	100	N	>1,000	--
309NM1	N	20	700	500	100	N	>500	N	>1,000	--
310NM1	N	20	30	200	100	N	200	N	1,000	--
311NM1	N	30	20	200	100	N	200	N	>1,000	--
312NM1	N	30	50	<100	100	N	200	N	>1,000	--
313NM1	N	30	30	N	100	N	>500	N	>1,000	--
314NM1	N	20	20	150	100	N	200	N	700	--
315NM1	N	30	30	100	100	N	200	N	>1,000	--
316NM1	N	30	30	N	100	50	500	N	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
317NM1	35 43 12	105 47 53	.70	.50	5.00	>1.0	500	N	N	N	N	200
318NM1	35 47 13	105 31 30	1.50	1.00	2.00	>1.0	500	N	N	N	>2,000	100
319NM1	35 47 11	105 31 36	1.00	1.00	1.50	>1.0	300	N	N	N	>2,000	100
320NM1	35 47 1	105 31 27	1.00	1.00	2.00	1.0	500	N	N	N	2,000	150
321NM1	35 46 56	105 31 31	1.50	.70	2.00	1.0	500	N	N	N	1,500	1,500
322NM1	35 46 44	105 31 19	1.00	.50	1.50	>1.0	500	N	N	N	150	150
323NM1	35 46 42	105 31 8	1.00	.50	1.50	>1.0	500	N	N	N	150	150
324NM1	35 46 46	105 30 53	3.00	1.00	2.00	.5	500	N	N	N	20	150
325NM1	35 46 34	105 30 36	2.00	1.00	2.00	1.0	500	N	N	N	200	200
326NM1	35 46 40	105 30 27	2.00	1.00	2.00	1.0	500	3.0	N	N	700	150
327NM1	35 46 44	105 30 13	1.00	.30	2.00	>1.0	500	N	N	N	20	150
328NM1	35 46 35	105 30 16	2.00	.70	2.00	1.0	700	1.0	N	N	150	200
329NM1	35 46 37	105 29 24	2.00	1.00	2.00	1.0	500	N	N	N	10	200
330NM1	35 46 34	105 29 25	1.50	1.00	1.50	1.0	700	N	N	N	300	200
331NM1	35 48 18	105 30 34	.70	.50	3.00	>1.0	500	N	N	N	50	700
332NM1	35 48 14	105 30 35	.30	.30	7.00	>1.0	200	N	N	N	N	700
333NM1	35 47 52	105 29 55	.50	.10	.50	>1.0	150	N	N	N	70	300
334NM1	35 47 21	105 27 46	.50	.30	3.00	1.0	200	N	N	N	50	700
335NM1	35 52 41	105 30 9	.70	.20	1.00	>1.0	500	N	N	N	<10	300
336NM1	35 52 35	105 29 52	1.00	.30	1.00	>1.0	500	N	N	N	70	500
337NM1	35 51 38	105 30 58	.70	.20	2.00	>1.0	500	N	N	N	15	700
338NM1	35 51 18	105 30 53	1.50	.30	1.50	>1.0	500	N	N	N	70	300
339NM1	35 51 16	105 30 29	5.00	3.00	2.00	.7	700	N	N	N	300	300
340NM1	35 49 1	105 30 49	.70	.70	10.00	>1.0	300	N	N	N	50	700
341NM1	35 48 47	105 29 5	.70	.30	10.00	>1.0	200	N	N	N	N	700
342NM1	35 48 49	105 28 55	.70	.50	5.00	>1.0	200	N	N	N	20	700
343NM1	35 48 54	105 28 45	.70	.50	15.00	.5	300	N	N	N	30	>5,000
344NM1	35 49 0	105 28 36	5.00	5.00	5.00	.3	1,000	N	N	N	150	300
345NM1	35 49 6	105 28 37	.50	.30	10.00	>1.0	200	N	N	N	N	300
346NM1	35 50 20	105 31 1	1.00	.70	3.00	1.0	300	N	N	N	100	700
347NM1	35 50 13	105 30 59	.50	.20	5.00	>1.0	300	10.0	N	>500	N	700
348NM1	35 50 22	105 30 44	1.50	.70	3.00	>1.0	500	N	N	N	70	700
349NM1	35 50 24	105 30 24	1.00	5.00	3.00	.7	500	N	N	N	300	300
350NM1	35 49 26	105 31 6	.50	1.00	10.00	>1.0	200	N	N	N	N	700
351NM1	35 49 30	105 31 8	.70	.50	7.00	>1.0	200	N	N	N	10	1,000
352NM1	35 49 33	105 30 52	.50	.50	7.00	>1.0	200	N	N	N	N	1,500
353NM1	35 49 25	105 29 46	.70	.70	10.00	>1.0	300	N	N	N	<10	700
354NM1	35 46 36	105 29 6	1.00	.30	2.00	1.0	300	N	N	N	30	500
355NM1	35 46 36	105 28 54	1.00	.30	2.00	>1.0	300	N	N	N	200	300
356NM1	35 46 33	105 28 17	1.00	.20	.50	.7	200	N	N	N	N	300
357NM1	35 46 21	105 27 56	1.50	.20	2.00	>1.0	500	N	N	N	10	500
358NM1	35 46 8	105 27 31	.50	.20	3.00	>1.0	500	N	N	N	N	200
359NM1	35 46 27	105 28 32	1.00	.20	.50	.7	150	N	N	N	10	>5,000
360NM1	35 46 26	105 28 28	2.00	.50	3.00	>1.0	300	N	N	N	70	1,000
361NM1	35 45 43	105 27 9	.50	.20	2.00	>1.0	300	N	N	N	N	500

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
317NM1	<1.0	N	N	5	30	<5	70	N	<20	7	50
318NM1	2.0	200	N	10	70	10	50	N	20	7	50
319NM1	5.0	N	N	10	70	7	<20	N	<20	10	20
320NM1	<1.0	200	N	10	50	70	70	N	50	10	70
321NM1	1.0	300	N	15	20	100	100	N	<20	5	50
322NM1	2.0	N	N	7	20	10	N	N	<20	5	20
323NM1	1.5	50	N	7	20	10	N	N	30	5	20
324NM1	<1.0	N	N	20	50	15	N	N	N	20	<10
325NM1	1.0	N	N	15	50	15	100	N	<20	10	30
326NM1	5.0	>1,000	N	15	30	15	50	N	20	5	70
327NM1	1.0	10	N	10	50	70	70	N	20	5	30
328NM1	<1.0	N	N	10	30	100	30	N	<20	10	50
329NM1	<1.0	N	N	15	70	20	20	N	<20	10	15
330NM1	2.0	20	N	15	30	15	20	10	100	5	20
331NM1	<1.0	N	N	7	70	10	200	N	<20	5	50
332NM1	<1.0	N	N	5	70	<5	200	N	N	5	30
333NM1	<1.0	100	N	7	100	5	500	N	20	15	50
334NM1	<1.0	N	N	5	50	5	200	N	<20	7	30
335NM1	<1.0	N	N	7	70	5	50	N	20	5	20
336NM1	<1.0	N	N	10	70	5	70	N	20	5	15
337NM1	<1.0	10	N	7	50	5	70	N	<20	5	30
338NM1	<1.0	100	N	10	70	5	70	N	<20	5	50
339NM1	1.0	10	N	10	100	5	70	N	<20	30	70
340NM1	<1.0	N	N	7	150	7	300	N	<20	5	100
341NM1	<1.0	N	N	7	70	5	200	N	<20	5	50
342NM1	1.0	N	N	7	70	5	200	N	<20	5	30
343NM1	<1.0	N	N	N	50	5	300	N	<20	5	30
344NM1	<1.0	N	N	20	200	15	50	<5	<20	70	30
345NM1	<1.0	N	N	N	100	5	200	N	<20	5	50
346NM1	<1.0	N	N	10	50	5	100	N	<20	7	20
347NM1	<1.0	>1,000	N	N	70	5	150	N	<20	5	70
348NM1	5.0	200	N	10	70	5	100	N	<20	10	30
349NM1	50.0	10	N	N	30	5	70	<5	50	5	15
350NM1	N	N	N	10	100	5	200	N	<20	5	30
351NM1	N	10	N	N	100	5	300	N	<20	5	70
352NM1	N	N	N	5	100	5	200	N	<20	5	50
353NM1	N	N	N	<5	150	<5	300	N	<20	5	50
354NM1	<1.0	N	N	<5	20	10	20	N	<20	5	30
355NM1	1.5	50	N	<5	50	5	50	N	<20	5	20
356NM1	<1.0	N	N	<5	20	<5	100	N	<20	5	10
357NM1	<1.0	N	N	5	70	<5	200	N	<20	5	50
358NM1	<1.0	15	N	N	50	<5	70	N	20	5	30
359NM1	<1.0	N	N	N	30	150	50	N	<20	5	30
360NM1	<1.0	N	N	10	50	700	150	N	20	<5	70
361NM1	<2.0	N	N	N	15	5	20	N	<20	<5	20

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
317NM1	N	20	30	200	70	<50	200	N	1,000	--
318NM1	N	15	30	300	100	300	50	N	300	--
319NM1	N	15	N	100	150	100	50	<200	300	--
320NM1	N	15	20	150	100	150	50	N	300	--
321NM1	N	15	N	300	70	200	70	N	500	--
322NM1	N	10	N	200	70	<50	50	N	300	--
323NM1	N	10	N	150	70	500	100	N	200	--
324NM1	N	20	N	200	100	<50	30	N	150	--
325NM1	N	15	N	500	100	50	30	N	200	--
326NM1	N	15	N	200	100	200	50	200	200	--
327NM1	N	15	10	200	100	300	100	N	500	--
328NM1	N	15	N	200	100	200	50	2,000	300	--
329NM1	N	10	N	300	100	N	50	N	>1,000	--
330NM1	N	10	10	200	100	500	50	N	500	--
331NM1	N	15	15	700	100	50	200	N	>1,000	--
332NM1	N	15	20	700	100	<50	200	N	>1,000	--
333NM1	N	20	15	1,000	100	N	200	N	>1,000	--
334NM1	N	10	10	700	100	N	100	N	700	--
335NM1	N	15	N	500	50	N	50	N	300	--
336NM1	N	15	N	150	70	N	100	N	500	--
337NM1	N	20	20	200	100	N	200	N	500	--
338NM1	N	20	N	150	70	N	100	N	>1,000	--
339NM1	N	15	N	200	100	50	50	N	500	--
340NM1	N	15	30	500	100	<50	200	N	>1,000	--
341NM1	N	10	15	500	100	N	150	N	>1,000	--
342NM1	N	15	15	500	100	<50	200	N	>1,000	--
343NM1	N	10	N	700	30	N	50	N	>1,000	--
344NM1	N	20	N	500	150	N	30	200	100	--
345NM1	N	20	30	700	100	N	200	N	>1,000	--
346NM1	N	10	N	500	100	300	70	N	500	--
347NM1	N	20	30	500	150	50	200	N	>1,000	--
348NM1	N	15	N	200	100	N	100	N	1,000	--
349NM1	N	10	N	200	50	70	50	N	500	--
350NM1	N	10	15	700	100	N	150	N	>1,000	--
351NM1	N	15	30	500	150	N	200	N	>1,000	--
352NM1	N	15	20	500	100	N	200	N	>1,000	--
353NM1	N	10	30	500	150	N	200	N	1,000	--
354NM1	N	10	N	200	70	70	70	500	>1,000	--
355NM1	N	15	<10	200	100	200	100	N	>1,000	--
356NM1	N	10	N	300	50	N	70	N	>1,000	--
357NM1	N	30	15	300	100	50	200	N	>1,000	--
358NM1	N	15	20	150	100	70	150	N	>1,000	--
359NM1	N	10	N	200	50	N	30	N	>1,000	--
360NM1	N	15	<10	300	70	150	150	N	>1,000	--
361NM1	N	10	20	200	50	100	150	N	1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
362NM1	35 45 39	105 26 59	1.00	.30	2.00	1.0	200	N	N	N	50	700
363NM1	35 46 28	105 26 50	.70	.20	5.00	>1.0	200	N	N	N	10	700
364NM1	35 45 40	105 26 53	1.00	.30	5.00	>1.0	300	N	N	N	10	500
365NM1	35 44 12	105 26 13	1.00	.30	3.00	>1.0	300	N	N	N	70	500
366NM1	35 45 2	105 26 46	1.00	.50	3.00	>1.0	300	N	N	N	10	>5,000
367NM1	35 57 30	105 29 6	1.50	.30	1.00	1.0	300	N	N	N	70	500
368NM1	35 57 34	105 29 9	1.50	.20	1.50	1.0	500	N	N	N	<10	500
369NM1	35 58 29	105 29 20	1.50	.20	.70	1.0	300	N	N	N	50	500
370NM1	35 58 34	105 29 21	1.50	.20	1.00	>1.0	200	N	N	N	50	700
371NM1	35 58 54	105 29 23	2.00	.20	1.00	>1.0	200	N	N	N	50	2,000
372NM1	35 58 34	105 30 34	1.50	.20	1.00	>1.0	300	N	N	N	30	3,000
373NM1	35 58 31	105 30 29	.70	.15	1.00	>1.0	150	N	N	N	30	3,000
374NM1	35 59 33	105 30 26	1.00	.20	.20	>1.0	150	N	N	N	20	200
375NM1	35 59 30	105 30 26	1.00	.20	.50	>1.0	150	N	N	N	30	>5,000
376NM1	35 59 42	105 29 59	1.00	.10	.70	>1.0	150	N	N	N	20	>5,000
377NM1	35 59 54	105 29 30	1.00	.10	.10	>1.0	100	N	N	N	N	150
378NM1	35 59 44	105 28 54	1.00	.10	.50	>1.0	150	N	N	N	30	>5,000
379NM1	35 52 16	105 45 32	.50	.20	3.00	1.0	500	N	N	N	N	200
380NM1	35 52 24	105 46 4	.50	.20	3.00	>1.0	500	N	N	N	N	200
381NM1	35 53 13	105 45 46	.50	.20	2.00	1.0	300	N	N	N	N	200
382NM1	35 53 27	105 45 35	1.00	.30	2.00	.5	300	N	N	N	<10	500
383NM1	35 53 31	105 45 23	.50	.20	2.00	1.0	300	N	N	N	N	300
384NM1	35 53 29	105 45 19	.50	.20	3.00	>1.0	300	N	N	N	N	150
385NM1	35 53 2	105 46 13	.70	.30	2.00	>1.0	500	N	N	N	N	200
386NM1	35 53 10	105 46 36	.20	.10	5.00	1.0	500	N	N	N	N	200
387NM1	35 53 12	105 46 48	.30	.10	5.00	1.0	500	N	N	N	N	300
388NM1	35 53 26	105 47 38	.30	.10	5.00	1.0	500	N	N	N	N	300
389NM1	35 53 20	105 47 38	.70	.20	3.00	>1.0	300	N	N	N	N	300
390NM1	35 53 36	105 48 10	.50	.20	2.00	>1.0	500	N	N	N	N	300
391NM1	35 53 40	105 48 7	.70	.20	3.00	>1.0	500	N	N	N	N	500
392NM1	35 53 42	105 48 43	.50	.20	3.00	>1.0	500	N	N	N	N	200
393NM1	35 54 5	105 48 56	1.00	.30	2.00	1.0	300	N	N	N	N	500
394NM1	35 54 10	105 49 15	1.00	.50	2.00	1.0	700	N	N	N	N	200
395NM1	35 54 38	105 50 15	.50	.20	3.00	>1.0	500	N	N	N	N	200
396NM1	35 54 34	105 50 26	.70	.30	3.00	>1.0	500	N	N	N	N	300
397NM1	35 54 31	105 50 26	.70	.30	3.00	1.0	700	N	N	N	N	200
398NM1	35 55 31	105 51 42	.50	.30	3.00	>1.0	500	N	N	N	N	200
399NM1	35 56 6	105 52 4	1.00	.30	5.00	.2	500	N	N	N	15	500
400NM1	35 56 8	105 52 15	.70	.20	2.00	.2	200	N	N	N	10	500
401NM1	35 56 10	105 52 10	.70	.30	5.00	>1.0	500	N	N	N	N	500
402NM1	35 50 16	105 35 37	.70	.20	.70	>1.0	300	N	N	N	30	700
403NM1	35 50 10	105 35 41	1.00	.20	.50	>1.0	200	N	N	N	50	200
404NM1	35 50 20	105 36 34	1.00	.15	.50	>1.0	200	N	N	N	30	200
405NM1	35 47 22	105 37 50	1.00	.30	1.50	1.0	200	N	N	N	30	500
406NM1	35 47 55	105 36 19	1.50	.30	1.50	1.0	200	N	N	N	20	>5,000

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
362NM1	<1.0	15	N	5	20	5	70	N	50	<5	20
363NM1	<1.0	N	N	N	50	<5	150	N	<20	<5	30
364NM1	<1.0	20	N	5	70	<5	200	N	<20	<5	50
365NM1	<1.0	50	N	N	30	10	50	N	50	<5	50
366NM1	<1.0	N	N	5	50	10	500	N	70	<5	50
367NM1	1.5	N	N	5	50	5	50	N	20	<5	70
368NM1	<1.0	N	N	5	30	<5	20	N	20	<5	20
369NM1	<1.0	N	N	5	50	10	200	N	20	<5	50
370NM1	<1.0	N	N	10	100	10	300	N	20	<5	50
371NM1	70.0	N	N	15	100	20	200	N	30	10	50
372NM1	<1.0	N	N	10	70	100	200	N	20	10	50
373NM1	<1.0	N	N	<5	70	<5	150	N	30	<5	50
374NM1	<1.0	70	N	7	100	<5	150	N	20	<5	70
375NM1	<1.0	N	N	10	100	5	200	N	20	10	50
376NM1	<1.0	N	N	15	100	10	200	N	20	10	70
377NM1	<1.0	N	N	10	100	<5	100	N	20	10	30
378NM1	<1.0	30	N	10	70	<5	100	N	<20	5	30
379NM1	<1.0	N	N	N	30	<5	30	N	<20	<5	70
380NM1	<1.0	N	N	N	20	5	50	N	<20	<5	50
381NM1	<1.0	10	N	<5	15	5	50	N	20	<5	50
382NM1	<1.0	N	N	<5	50	<5	200	N	<20	<5	50
383NM1	<1.0	N	N	<5	20	<5	150	N	20	<5	30
384NM1	<1.0	10	N	N	50	<5	70	N	<20	<5	70
385NM1	<1.0	N	N	<5	30	<5	70	N	<20	<5	50
386NM1	<1.0	N	N	N	<10	5	100	N	<20	<5	50
387NM1	<1.0	N	N	N	<10	<5	100	N	<20	<5	50
388NM1	<1.0	N	N	N	20	<5	150	N	<20	<5	50
389NM1	<1.0	N	N	N	30	10	200	N	<20	<5	70
390NM1	<1.0	N	N	N	20	<5	100	N	<20	<5	50
391NM1	<1.0	N	N	N	20	<5	70	N	<20	<5	30
392NM1	<1.0	N	N	N	15	<5	100	N	<20	<5	50
393NM1	<1.0	N	N	N	30	5	50	N	<20	<5	30
394NM1	<1.0	N	N	N	10	<5	50	N	<20	<5	50
395NM1	<1.0	N	N	N	10	<5	100	N	<20	<5	30
396NM1	<1.0	N	N	N	30	<5	70	N	<20	<5	30
397NM1	<1.0	N	N	N	20	<5	70	N	<20	<5	30
398NM1	<1.0	N	N	<5	150	<5	50	N	<20	<5	30
399NM1	<1.0	N	N	N	50	<5	100	N	<20	<5	30
400NM1	<1.0	N	N	<5	30	5	70	N	<20	<5	20
401NM1	<1.0	N	N	N	50	150	70	N	<20	<5	30
402NM1	<1.0	N	N	N	100	10	200	N	30	<5	100
403NM1	1.0	N	N	5	70	5	200	N	30	5	100
404NM1	1.0	N	N	5	70	5	100	N	20	5	70
405NM1	<1.0	20	N	5	50	5	100	N	<20	5	20
406NM1	<1.0	N	N	5	30	10	100	N	<20	5	20

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
362NM1	N	10	N	300	70	200	50	N	>1,000	--
363NM1	N	10	10	500	100	<50	100	N	>1,000	--
364NM1	N	10	20	700	100	70	100	N	>1,000	--
365NM1	N	10	30	300	70	150	100	N	1,000	--
366NM1	N	10	20	1,000	70	300	200	N	1,000	--
367NM1	N	10	N	150	50	N	50	N	700	--
368NM1	N	10	N	200	50	N	50	N	1,000	--
369NM1	N	10	N	300	50	N	100	1,000	1,000	--
370NM1	N	15	<10	500	100	N	150	1,500	>1,000	--
371NM1	N	20	15	500	70	N	150	N	>1,000	--
372NM1	N	15	10	500	100	N	150	N	>1,000	--
373NM1	N	30	15	500	100	N	150	N	>1,000	--
374NM1	N	50	20	500	100	N	150	N	>1,000	--
375NM1	N	70	20	500	100	N	150	N	>1,000	--
376NM1	N	50	15	500	100	N	200	N	>1,000	--
377NM1	N	15	N	150	70	N	70	N	1,000	--
378NM1	N	15	<10	500	70	N	100	N	1,000	--
379NM1	N	20	<10	100	70	N	200	N	>1,000	--
380NM1	N	15	15	<100	70	<50	300	N	>1,000	--
381NM1	N	15	10	200	50	N	100	N	>1,000	--
382NM1	N	15	N	100	50	N	100	N	1,000	--
383NM1	N	10	15	100	50	N	100	N	1,000	--
384NM1	N	15	30	<100	70	70	200	N	>1,000	--
385NM1	N	15	15	100	100	<50	150	N	>1,000	--
386NM1	N	15	15	<100	50	N	500	N	>1,000	--
387NM1	N	15	20	<100	50	N	200	N	>1,000	--
388NM1	N	15	10	<100	50	N	300	N	>1,000	--
389NM1	N	15	20	<100	70	N	150	N	>1,000	--
390NM1	N	15	20	100	70	<50	150	N	>1,000	--
391NM1	N	15	15	<100	70	N	150	N	>1,000	--
392NM1	N	20	<10	<100	50	N	200	N	>1,000	--
393NM1	N	15	N	<100	50	N	150	N	1,000	--
394NM1	N	20	20	N	50	<50	100	N	1,000	--
395NM1	N	15	20	100	100	N	150	N	>1,000	--
396NM1	N	15	20	<100	70	N	200	N	>1,000	--
397NM1	N	20	15	<100	70	N	200	N	>1,000	--
398NM1	N	15	N	<100	50	<50	150	N	1,000	--
399NM1	N	15	N	100	30	N	200	N	300	--
400NM1	N	10	N	100	20	N	70	N	700	--
401NM1	N	15	20	<100	50	N	200	N	>1,000	--
402NM1	N	20	50	300	70	N	500	N	>1,000	--
403NM1	N	30	30	300	70	<50	300	N	>1,000	--
404NM1	N	30	30	300	70	N	300	N	>1,000	--
405NM1	N	20	N	200	50	200	100	N	>1,000	--
406NM1	N	20	N	500	50	N	150	N	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
407NM1	35 54 41	105 42 6	.50	.10	1.50	>1.0	300	N	N	N	N	200
408NM1	35 54 42	105 41 59	.70	.20	.10	>1.0	200	N	N	N	20	150
409NM1	35 55 39	105 41 34	.70	.10	.05	>1.0	150	N	N	N	20	150
410NM1	35 56 43	105 42 39	.70	.20	2.00	1.0	500	N	N	N	10	200
411NM1	35 56 38	105 42 50	.50	.20	3.00	>1.0	500	N	N	N	N	200
412NM1	35 56 54	105 43 17	.30	.05	2.00	>1.0	500	N	N	N	N	150
413NM1	35 57 1	105 43 29	.50	.07	2.00	>1.0	500	N	N	N	N	200
414NM1	35 57 6	105 43 49	.30	.05	5.00	>1.0	500	N	N	N	N	200
415NM1	35 56 57	105 43 58	1.00	.30	3.00	1.0	500	N	N	N	<10	700
416NM1	35 57 3	105 44 6	1.00	.30	3.00	>1.0	500	N	N	N	<10	500
417NM1	35 57 23	105 44 19	.50	.10	3.00	1.0	300	N	N	N	N	300
418NM1	35 56 21	105 42 21	.50	.15	3.00	>1.0	500	N	N	N	<10	300
419NM1	35 56 39	105 42 31	.70	.10	2.00	>1.0	500	N	N	N	N	300
420NM1	35 57 20	105 44 26	1.00	.15	1.50	1.0	300	N	N	N	20	200
421NM1	36 1 53	105 37 2	1.00	.10	.05	>1.0	300	N	N	N	50	300
422NM1	36 2 6	105 37 3	1.00	.15	<.05	>1.0	200	N	N	N	150	700
423NM1	36 2 8	105 37 3	1.00	.10	<.05	>1.0	200	N	N	N	100	500
424NM1	36 2 8	105 36 56	1.00	.10	.07	>1.0	150	N	N	N	100	300
425NM1	36 2 25	105 36 58	1.50	.20	<.05	>1.0	100	N	N	N	100	150
426NM1	36 2 31	105 36 57	1.00	.30	.50	>1.0	200	N	N	N	150	>5,000
427NM1	36 3 10	105 37 3	1.50	.30	<.05	1.0	100	N	N	N	200	150
428NM1	36 3 10	105 36 59	1.50	.20	.10	>1.0	150	N	N	N	150	700
429NM1	36 3 28	105 37 4	1.50	.30	.15	>1.0	150	N	N	N	150	150
430NM1	36 0 51	105 30 8	1.00	.30	1.00	>1.0	200	N	N	N	30	1,500
431NM1	36 0 45	105 30 10	1.50	.30	1.00	>1.0	200	N	N	N	20	500
432NM1	36 2 36	105 29 55	.50	.20	.50	>1.0	100	N	N	N	30	5,000
433NM1	36 2 35	105 30 26	.70	.20	.70	>1.0	100	N	N	N	20	5,000
434NM1	36 3 42	105 31 46	.70	.30	.70	>1.0	200	N	N	N	50	2,000
435NM1	36 3 46	105 31 46	.70	.30	.70	>1.0	200	N	N	N	30	3,000
436NM1	36 5 38	105 32 49	.50	.20	.50	>1.0	100	N	N	N	50	700
437NM1	36 5 33	105 32 48	.70	.20	.50	>1.0	300	N	N	N	30	300
438NM1	36 3 34	105 36 54	.50	.15	.10	>1.0	50	N	N	N	50	700
439NM1	36 3 53	105 36 41	.50	.20	.10	>1.0	100	N	N	N	50	300
440NM1	36 4 3	105 36 36	.50	.20	.10	>1.0	100	N	N	N	70	200
441NM1	36 4 52	105 36 23	.50	.20	.20	>1.0	70	N	N	N	30	300
442NM1	36 5 5	105 36 21	.50	.30	.70	>1.0	100	N	N	N	20	700
443NM1	36 5 19	105 36 25	.70	.30	.50	>1.0	150	N	N	N	100	500
444NM1	36 5 28	105 36 27	.50	.20	.70	>1.0	100	N	N	N	20	3,000
445NM1	36 0 48	105 39 49	1.00	.30	1.00	>1.0	200	N	N	N	30	150
446NM1	36 2 35	105 40 23	1.00	.10	<.05	.5	50	N	N	N	N	20
447NM1	36 0 38	105 39 20	3.00	.10	<.05	.5	150	N	N	N	300	100
448NM1	36 0 52	105 39 45	3.00	.10	<.05	.5	100	N	N	N	150	70
449NM1	36 2 37	105 40 18	3.00	.10	.10	>1.0	100	N	N	N	200	70
450NM1	36 0 26	105 37 54	5.00	.30	.05	>1.0	150	N	N	N	500	100
451NM1	36 0 24	105 37 49	3.00	.20	.05	>1.0	150	N	N	N	1,500	100

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
407NM1	<1.0	N	N	5	10	<5	70	N	<20	5	50
408NM1	1.0	N	N	10	30	5	30	N	20	5	20
409NM1	1.0	50	N	7	30	<5	70	N	<20	5	30
410NM1	1.0	N	N	N	30	<5	70	N	<20	5	70
411NM1	<1.0	<10	N	5	50	<5	150	N	<20	5	50
412NM1	<1.0	<10	N	N	30	<5	70	N	<20	5	50
413NM1	1.0	<10	N	N	20	<5	70	N	<20	5	50
414NM1	<1.0	N	N	<5	30	<5	150	N	<20	5	50
415NM1	<1.0	N	N	<5	50	<5	100	N	20	5	30
416NM1	<1.0	N	N	5	70	<5	200	N	20	5	30
417NM1	<1.0	N	N	N	50	<5	100	N	20	5	30
418NM1	<1.0	N	N	<5	30	<5	100	N	20	5	50
419NM1	1.0	N	N	<5	30	<5	200	N	30	5	70
420NM1	1.0	N	N	<5	50	<5	70	N	20	5	30
421NM1	1.0	N	N	7	50	5	100	N	20	5	20
422NM1	1.0	20	N	10	70	5	150	N	20	5	30
423NM1	1.0	N	N	10	100	10	200	N	<20	5	70
424NM1	1.0	N	N	10	70	<5	150	N	30	5	30
425NM1	1.0	N	N	15	30	<5	150	N	30	5	30
426NM1	1.5	N	N	15	50	5	200	N	20	5	50
427NM1	20.0	N	N	15	50	5	100	N	20	5	70
428NM1	1.0	15	N	10	30	5	150	N	20	5	30
429NM1	5.0	N	N	10	50	<5	200	N	20	5	70
430NM1	<1.0	N	N	10	50	<5	300	N	20	5	100
431NM1	<1.0	N	N	5	50	5	150	N	20	5	30
432NM1	<1.0	N	N	5	50	<5	300	N	20	5	50
433NM1	<1.0	N	N	7	50	<5	300	N	20	5	30
434NM1	<1.0	N	N	5	70	<5	500	N	20	5	50
435NM1	<1.0	N	N	5	50	<5	500	N	30	5	200
436NM1	<1.0	N	N	5	50	<5	300	N	30	5	70
437NM1	<1.0	N	N	5	50	<5	500	N	20	5	70
438NM1	<1.0	N	N	5	50	<5	300	N	30	5	50
439NM1	<1.0	N	N	5	50	<5	300	N	20	5	50
440NM1	1.0	N	N	5	50	<5	300	N	20	5	50
441NM1	<1.0	N	N	5	50	<5	500	N	30	5	100
442NM1	<1.0	N	<20	5	30	<5	300	N	<20	5	70
443NM1	1.5	N	N	5	50	<5	200	N	20	5	50
444NM1	<1.0	N	N	N	30	<5	300	N	<20	5	100
445NM1	<1.0	15	N	5	30	<5	50	N	<20	5	50
446NM1	<1.0	N	N	5	20	<5	70	N	<20	5	15
447NM1	2.0	N	N	10	70	<5	100	N	<20	10	15
448NM1	5.0	N	N	10	70	<5	100	N	<20	5	10
449NM1	5.0	N	N	10	50	<5	100	N	30	5	70
450NM1	7.0	N	N	10	50	<5	300	N	50	5	20
451NM1	3.0	N	N	10	30	5	300	N	50	5	20

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
407NM1	N	10	20	N	50	100	100	N	1,000	--
408NM1	N	15	N	N	30	N	30	N	300	--
409NM1	N	20	10	150	30	N	50	N	700	--
410NM1	N	30	30	200	50	N	300	N	>1,000	--
411NM1	N	20	20	200	70	N	200	N	>1,000	--
412NM1	N	20	30	<100	50	N	200	N	>1,000	--
413NM1	N	20	30	N	50	50	200	N	>1,000	--
414NM1	N	15	20	300	50	N	200	N	>1,000	--
415NM1	N	15	20	200	50	N	200	N	500	--
416NM1	N	15	20	200	70	N	200	N	1,000	--
417NM1	N	10	15	200	50	70	200	N	1,000	--
418NM1	N	20	30	100	50	N	300	N	>1,000	--
419NM1	N	20	30	100	50	N	300	N	>1,000	--
420NM1	N	15	10	150	50	<50	200	N	>1,000	--
421NM1	N	15	10	200	20	N	100	N	>1,000	--
422NM1	N	20	20	300	50	N	150	N	>1,000	--
423NM1	N	50	20	300	70	N	200	N	>1,000	--
424NM1	N	20	10	300	50	N	70	300	>1,000	--
425NM1	N	20	15	300	50	N	100	N	>1,000	--
426NM1	N	20	20	500	100	N	150	N	>1,000	--
427NM1	N	15	N	100	50	N	70	N	1,000	--
428NM1	N	50	30	200	50	N	200	N	>1,000	--
429NM1	N	50	20	300	70	N	200	N	>1,000	--
430NM1	N	50	30	500	100	N	200	N	>1,000	--
431NM1	N	30	N	300	100	N	100	N	1,000	--
432NM1	N	70	20	500	100	N	200	N	>1,000	--
433NM1	N	50	15	500	100	N	200	N	>1,000	--
434NM1	N	50	20	500	100	N	200	N	>1,000	--
435NM1	N	50	20	500	100	N	200	N	>1,000	--
436NM1	N	50	30	500	100	N	200	N	>1,000	--
437NM1	N	50	30	500	100	N	200	N	>1,000	--
438NM1	N	50	20	500	100	N	200	N	>1,000	--
439NM1	N	50	20	500	100	N	200	N	>1,000	--
440NM1	N	50	20	500	100	N	200	N	>1,000	--
441NM1	N	70	20	500	100	N	200	N	>1,000	--
442NM1	N	50	20	500	100	N	200	N	>1,000	--
443NM1	N	50	20	300	70	N	200	N	>1,000	--
444NM1	N	70	30	300	100	N	300	N	>1,000	--
445NM1	N	30	20	100	50	150	200	N	>1,000	--
446NM1	N	7	N	<100	30	N	50	N	1,000	--
447NM1	N	7	N	200	70	N	70	500	500	--
448NM1	N	5	N	200	50	N	50	200	500	--
449NM1	N	10	15	200	50	N	100	N	>1,000	--
450NM1	N	20	15	500	70	N	100	500	>1,000	--
451NM1	N	20	15	500	50	N	100	300	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
452NM1	36 1 35	105 38 5	3.00	.20	.05	1.0	150	N	N	N	1,000	70
453NM1	36 1 57	105 38 54	1.50	.20	<.05	.7	70	N	N	N	200	70
454NM1	36 1 55	105 39 24	3.00	.15	<.05	.7	200	N	N	N	200	30
455NM1	36 2 14	105 39 48	3.00	.20	2.00	1.0	300	N	N	N	100	150
456NM1	35 57 50	105 39 26	2.00	.20	1.00	.7	500	N	N	N	70	1,500
457NM1	35 57 54	105 39 25	2.00	.20	1.00	.5	700	N	N	N	200	700
458NM1	35 58 3	105 39 59	1.50	.20	1.00	.7	300	N	N	N	200	700
459NM1	35 58 48	105 40 30	2.00	.20	.05	1.0	100	N	N	N	1,500	100
460NM1	35 58 57	105 41 4	2.00	.20	.70	1.0	300	N	N	N	500	1,000
461NM1	35 59 8	105 41 34	2.00	.10	.50	1.0	200	N	N	N	200	70
462NM1	35 59 23	105 42 3	.50	.10	1.50	1.0	300	N	N	N	20	100
463NM1	35 59 26	105 42 5	.50	.10	2.00	1.0	300	N	N	N	N	150
464NM1	35 59 44	105 42 14	.20	.05	3.00	1.0	500	N	N	N	N	150
465NM1	35 59 50	105 42 10	1.50	.20	.30	1.0	300	N	N	N	500	500
466NM1	35 59 56	105 42 5	1.50	.15	.10	1.0	100	N	N	N	500	<20
467NM1	36 0 15	105 42 20	.20	.05	3.00	>1.0	300	N	N	N	10	100
468NM1	36 0 28	105 42 26	.15	.03	2.00	1.0	300	N	N	N	N	100
469NM1	36 1 9	105 43 24	.50	.10	15.00	>1.0	1,000	N	N	N	N	150
470NM1	35 59 6	105 39 10	2.00	.50	.50	1.0	1,000	N	N	N	500	700
471NM1	35 59 54	105 41 21	1.00	.15	1.50	>1.0	500	N	N	N	150	100
472NM1	35 59 51	105 41 21	2.00	.15	.20	1.0	150	N	N	N	300	150
473NM1	35 44 52	105 44 18	.70	.20	2.00	1.0	500	N	N	N	150	500
474NM1	35 44 46	105 44 20	.70	.20	2.00	>1.0	500	N	N	N	10	500
475NM1	35 44 49	105 44 9	.50	.20	2.00	1.0	500	N	N	N	150	300
476NM1	35 44 24	105 44 11	.20	.10	1.50	1.0	200	N	N	N	150	100
477NM1	35 44 2	105 44 16	.30	.10	2.00	1.0	200	N	N	N	100	150
478NM1	35 44 4	105 44 24	.20	.20	2.00	1.0	500	N	N	N	70	200
479NM1	35 43 38	105 44 20	.70	.50	1.50	1.0	500	N	N	N	2,000	300
480NM1	35 43 39	105 44 25	2.00	.70	2.00	1.0	700	N	N	N	300	200
481NM1	35 43 26	105 44 31	.70	.30	2.00	1.0	300	N	N	N	20	200
482NM1	35 43 13	105 45 41	2.00	2.00	7.00	1.0	700	N	N	N	50	150
483NM1	35 43 9	105 45 42	.50	.10	1.50	>1.0	200	N	N	N	10	200
484NM1	35 43 8	105 45 34	.70	.20	1.50	>1.0	300	N	N	N	15	200
485NM1	35 43 15	105 45 31	.50	.20	2.00	>1.0	500	N	N	N	10	100
486NM1	35 53 11	105 44 2	.30	.20	2.00	>1.0	500	N	N	N	N	300
487NM1	35 53 6	105 44 2	.20	.20	3.00	>1.0	700	N	N	N	<10	300
488NM1	35 53 58	105 44 34	.20	.07	2.00	1.0	300	N	N	N	N	300
489NM1	35 53 57	105 44 27	5.00	1.50	5.00	1.0	1,500	N	N	N	100	150
490NM1	35 54 15	105 43 49	.30	.15	2.00	>1.0	300	N	N	N	<10	200
491NM1	35 54 19	105 43 50	.30	.10	3.00	>1.0	500	N	N	N	<10	200
492NM1	35 54 25	105 43 55	.30	.15	2.00	>1.0	700	N	N	N	<10	200
493NM1	35 55 12	105 42 58	.50	.15	5.00	>1.0	1,000	N	N	N	<10	300
494NM1	35 55 7	105 42 56	.30	.10	1.00	.3	150	N	N	N	N	700
495NM1	35 55 29	105 42 39	.70	.15	3.00	>1.0	500	N	N	N	<10	200
496NM1	35 55 44	105 45 19	.50	.10	2.00	.7	300	N	N	N	<10	300

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
452NM1	15.0	N	N	15	30	5	200	N	30	5	15
453NM1	3.0	N	N	7	70	<5	100	N	20	5	10
454NM1	2.0	<10	N	10	50	<5	100	N	20	5	15
455NM1	1.5	N	N	7	20	5	70	N	30	<5	15
456NM1	1.5	N	N	5	30	5	200	N	<20	<5	30
457NM1	1.5	N	N	15	20	7	100	30	20	<5	20
458NM1	30.0	N	N	5	20	<5	<20	N	<20	<5	20
459NM1	5.0	N	N	10	20	<5	200	N	50	<5	20
460NM1	2.0	N	N	7	50	7	70	N	20	<5	20
461NM1	50.0	N	N	10	30	<5	50	N	50	<5	10
462NM1	1.5	N	N	<5	10	<5	100	<5	<20	<5	100
463NM1	1.0	N	N	N	10	<5	70	<5	<20	<5	70
464NM1	<1.0	N	N	<5	10	5	200	N	<20	<5	50
465NM1	20.0	N	N	10	30	<5	200	N	30	<5	20
466NM1	5.0	N	N	7	20	<5	50	N	30	<5	<10
467NM1	<1.0	N	N	N	15	5	200	N	20	<5	70
468NM1	<1.0	N	N	<5	<10	5	70	N	<20	<5	50
469NM1	<1.0	<10	N	N	70	<5	300	N	20	<5	100
470NM1	50.0	10	N	10	30	<5	150	N	50	5	70
471NM1	1.0	20	N	5	30	<5	200	7	100	<5	70
472NM1	20.0	<10	N	10	50	<5	200	<5	50	<5	20
473NM1	1.0	500	N	7	<10	7	150	N	20	<5	70
474NM1	1.0	30	N	5	<10	<5	30	N	<20	N	30
475NM1	2.0	300	N	5	<10	<5	200	N	<20	N	70
476NM1	1.0	N	N	5	<10	<5	150	N	<20	<5	50
477NM1	2.0	N	N	5	N	<5	200	N	<20	<5	50
478NM1	1.5	100	N	5	N	<5	70	N	<20	N	70
479NM1	1.5	N	N	5	N	<5	300	N	<20	<5	70
480NM1	<1.0	N	N	15	30	10	30	N	<20	N	20
481NM1	<1.0	N	N	5	20	<5	30	N	20	N	10
482NM1	1.5	N	N	10	30	5	30	N	<20	20	20
483NM1	<1.0	50	N	<5	<10	30	30	N	20	<5	70
484NM1	<1.0	100	N	<5	<10	<5	30	N	20	<5	50
485NM1	<1.0	N	N	5	20	5	100	N	<20	<5	70
486NM1	<1.0	N	N	N	30	<5	200	5	20	N	70
487NM1	<1.0	N	N	N	30	<5	150	7	20	N	70
488NM1	1.0	N	N	N	N	<5	50	N	20	N	30
489NM1	1.0	N	N	20	150	7	>1,000	N	70	<5	150
490NM1	1.5	N	N	5	20	<5	100	<5	<20	N	100
491NM1	<1.0	N	N	5	20	<5	100	5	<20	N	30
492NM1	<1.0	N	N	5	30	<5	100	10	20	N	50
493NM1	<1.0	N	N	5	10	<5	150	7	70	N	50
494NM1	1.0	N	N	N	<10	<5	20	N	<20	N	20
495NM1	<1.0	N	N	5	15	5	150	N	50	<5	70
496NM1	<1.0	N	N	N	10	<5	100	N	<20	<5	20

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
452NM1	N	10	10	200	50	N	100	700	1,000	--
453NM1	N	10	N	100	50	N	50	N	1,000	--
454NM1	N	10	N	100	50	N	150	1,500	>1,000	--
455NM1	N	10	N	200	70	<50	100	N	>1,000	--
456NM1	N	10	N	200	50	<50	70	200	500	--
457NM1	N	7	N	100	50	50	100	10,000	1,000	--
458NM1	N	10	N	100	30	N	50	2,000	1,000	--
459NM1	N	15	N	150	50	N	150	1,500	>1,000	--
460NM1	N	10	N	100	50	N	70	1,500	>1,000	--
461NM1	N	10	15	<100	50	N	100	5,000	>1,000	--
462NM1	N	100	50	N	70	<50	1,500	N	>1,000	--
463NM1	N	100	20	N	50	<50	1,000	N	>1,000	--
464NM1	N	30	30	N	70	N	500	N	>1,000	--
465NM1	N	30	10	150	50	N	100	2,000	>1,000	--
466NM1	N	20	N	N	30	N	50	1,500	>1,000	--
467NM1	N	100	30	N	70	N	700	N	>1,000	--
468NM1	N	50	10	N	50	N	300	N	>1,000	--
469NM1	N	50	50	1,000	100	N	1,000	N	>1,000	--
470NM1	N	30	20	300	70	N	300	1,500	300	--
471NM1	N	20	30	200	100	<50	300	N	1,000	--
472NM1	N	20	10	200	50	<50	70	1,000	1,000	--
473NM1	N	50	10	500	70	N	200	N	>1,000	--
474NM1	N	70	<10	500	70	N	300	N	>1,000	--
475NM1	N	100	10	300	70	N	500	N	>1,000	--
476NM1	N	>100	N	<100	70	N	>2,000	N	>1,000	--
477NM1	N	>100	N	<100	100	N	>2,000	N	>1,000	--
478NM1	N	100	<10	<100	100	N	700	N	>1,000	--
479NM1	N	>100	10	<100	100	N	1,500	N	>1,000	--
480NM1	N	30	N	500	200	50	100	N	>1,000	--
481NM1	N	30	N	300	150	50	200	N	>1,000	--
482NM1	N	10	N	500	100	N	100	N	>1,000	--
483NM1	N	10	20	100	70	<50	500	N	>1,000	--
484NM1	N	10	20	100	100	N	300	N	>1,000	--
485NM1	N	10	20	100	100	50	500	N	>1,000	--
486NM1	N	50	30	300	150	N	700	N	>1,000	--
487NM1	N	70	20	300	150	<50	1,000	N	>1,000	--
488NM1	N	20	N	200	70	100	150	N	>1,000	--
489NM1	N	70	20	1,000	150	N	1,000	N	300	--
490NM1	N	100	70	<100	100	N	1,500	N	>1,000	--
491NM1	N	50	20	<100	150	<50	1,000	N	>1,000	--
492NM1	N	30	30	<100	150	<50	500	N	1,000	--
493NM1	N	50	20	<100	100	N	1,000	N	>1,000	--
494NM1	N	5	N	100	30	N	70	N	1,000	--
495NM1	N	10	30	100	100	N	700	N	>1,000	--
496NM1	N	7	N	200	100	50	150	N	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
497NM1	35 55 41	105 45 24	.70	.20	2.00	>1.0	700	N	N	N	30	700
498NM1	35 56 17	105 45 48	.50	.20	2.00	1.0	700	N	N	N	10	1,000
499NM1	35 56 25	105 46 22	5.00	2.00	2.00	.7	1,500	N	N	N	10	200
500NM1	35 56 28	105 46 19	.20	.05	2.00	>1.0	700	N	N	N	N	100
501NM1	35 56 47	105 46 33	.30	.07	5.00	>1.0	700	N	N	N	N	150
502NM1	35 57 34	105 47 5	.30	.05	5.00	>1.0	500	N	N	N	N	200
503NM1	35 54 43	105 52 23	.30	.07	3.00	.2	1,000	N	N	N	50	150
504NM1	35 53 51	105 52 22	.30	.10	10.00	.2	1,000	N	N	N	N	200
505NM1	35 57 55	105 52 0	.50	.10	1.50	.2	300	N	N	N	150	200
506NM1	35 58 53	105 51 54	.20	.10	5.00	.7	300	N	N	N	N	700
507NM1	35 51 6	105 52 17	.30	.20	10.00	>1.0	700	N	N	N	N	150
508NM1	35 51 11	105 52 15	.50	.10	10.00	1.0	1,000	N	N	N	20	300
509NM1	35 57 21	105 48 57	.20	.10	15.00	>1.0	700	N	N	N	N	150
510NM1	35 57 24	105 48 54	.20	.10	10.00	>1.0	700	N	N	N	N	150
511NM1	35 58 36	105 48 57	.30	.10	2.00	1.0	200	N	N	N	N	300
512NM1	35 58 48	105 49 2	.20	.15	15.00	>1.0	1,000	N	N	N	<10	200
513NM1	35 58 50	105 48 58	.30	.15	5.00	>1.0	700	N	N	N	20	200
514NM1	35 59 2	105 50 24	.20	.15	10.00	1.0	1,500	N	N	N	N	200
515NM1	35 59 0	105 51 28	.70	.20	1.00	.5	300	N	N	N	150	300
516NM1	35 54 22	105 46 2	1.50	.30	1.50	.5	700	N	N	N	50	500
517NM1	35 54 25	105 47 2	.50	.15	10.00	>1.0	700	N	N	N	N	300
518NM1	35 54 29	105 47 0	.70	.15	5.00	.2	700	N	N	N	N	500
519NM1	35 54 28	105 47 43	.20	.10	15.00	.7	700	N	N	N	N	200
520NM1	35 54 54	105 48 46	.50	.15	10.00	1.0	1,000	N	N	N	20	700
521NM1	35 55 58	105 48 58	1.00	.20	2.00	.3	700	N	N	N	10	500
522NM1	35 56 47	105 49 8	.20	.10	15.00	1.0	1,500	N	N	N	N	100
523NM1	35 55 8	105 47 13	.20	.10	10.00	>1.0	1,000	N	N	N	N	200
525NM1	35 55 6	105 47 15	.50	.20	10.00	.7	1,000	N	N	N	<10	200
526NM1	35 55 31	105 47 52	.20	.10	3.00	.5	300	N	N	N	N	500
527NM1	35 55 37	105 47 51	1.00	.20	10.00	.5	1,000	N	N	N	<10	500
528NM1	35 56 39	105 48 56	.20	.10	10.00	.5	1,000	N	N	N	N	150
529NM1	35 57 4	105 48 55	.30	.10	5.00	.7	500	N	N	N	N	300
530NM1	35 42 33	105 44 17	.50	.20	3.00	>1.0	500	N	N	N	100	2,000
531NM1	35 42 35	105 44 10	1.00	.70	5.00	>1.0	700	N	N	N	150	700
532NM1	35 42 28	105 44 3	1.00	.70	3.00	.7	500	N	N	N	>2,000	1,500
533NM1	35 42 44	105 44 13	3.00	.50	5.00	.7	300	10.0	N	N	300	1,000
534NM1	35 46 21	105 29 20	.70	.20	5.00	>1.0	500	N	N	N	100	700
535NM1	35 46 23	105 29 22	2.00	1.00	3.00	1.0	1,000	N	N	N	150	300
536NM1	35 47 39	105 30 25	3.00	.50	1.50	>1.0	500	N	N	N	10	200
537NM1	35 47 42	105 30 31	2.00	2.00	10.00	1.0	700	N	N	N	150	500
538NM1	35 49 8	105 33 6	.50	.20	2.00	>1.0	200	N	N	N	300	300
539NM1	35 49 8	105 33 0	.50	.20	2.00	>1.0	700	N	N	N	20	700
540NM1	35 49 11	105 32 32	.50	.30	2.00	>1.0	500	N	N	N	20	500
541NM1	35 49 12	105 32 24	.20	.30	2.00	>1.0	200	N	N	N	15	500
542NM1	35 48 41	105 30 3	.20	.10	3.00	>1.0	200	N	N	N	15	500

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
497NM1	<1.0	N	N	<5	50	<5	200	N	20	<5	30
498NM1	<1.0	N	N	<5	30	<5	150	N	20	<5	30
499NM1	<1.0	10	N	20	150	10	700	N	70	100	50
500NM1	<1.0	N	N	5	<10	<5	100	N	30	<5	30
501NM1	<1.0	N	N	<5	<10	<5	100	N	30	<5	20
502NM1	<1.0	N	N	<5	<10	<5	100	N	20	<5	30
503NM1	2.0	N	N	<5	<10	5	150	N	<20	<5	30
504NM1	1.0	N	N	5	<10	<5	>1,000	N	<20	<5	100
505NM1	2.0	N	N	N	<10	5	300	N	<20	5	30
506NM1	<1.0	N	N	N	<10	<5	300	N	<20	<5	20
507NM1	<1.0	10	N	5	20	<5	200	N	<20	<5	50
508NM1	<1.0	10	N	5	30	<5	200	N	30	<5	50
509NM1	<1.0	10	N	N	15	<5	150	N	20	<5	50
510NM1	<1.0	10	N	5	15	20	200	N	<20	<5	50
511NM1	1.0	N	N	N	10	<5	30	N	20	<5	10
512NM1	<1.0	N	N	5	10	<5	200	N	20	N	50
513NM1	<1.0	N	N	5	15	<5	150	N	30	N	50
514NM1	<1.0	<10	N	<5	<10	<5	150	N	20	N	30
515NM1	1.0	<10	N	N	15	5	300	N	<20	N	50
516NM1	1.0	N	N	10	50	<5	200	N	<20	N	30
517NM1	<1.0	N	N	<5	<10	<5	200	7	20	N	70
518NM1	1.5	N	N	N	<10	N	70	N	<20	N	50
519NM1	<1.0	N	N	5	<10	<5	200	N	<20	N	50
520NM1	1.0	10	N	5	N	<5	300	N	<20	N	70
521NM1	1.5	N	N	5	50	<5	200	N	<20	N	30
522NM1	<1.0	10	N	N	N	<5	150	N	N	N	50
523NM1	<1.0	<10	N	N	N	N	100	N	30	N	50
525NM1	1.0	<10	N	<5	N	<5	300	N	<20	N	100
526NM1	1.0	N	N	N	<10	<5	100	N	<20	N	50
527NM1	1.0	N	N	N	20	<5	200	N	<20	N	30
528NM1	1.0	15	N	N	20	<5	200	N	<20	N	70
529NM1	1.0	N	N	N	<10	<5	100	N	<20	N	30
530NM1	1.0	700	N	5	20	<5	100	20	20	N	200
531NM1	<1.0	N	N	10	20	150	150	15	70	N	100
532NM1	10.0	N	N	5	<10	20	30	10	20	N	10
533NM1	1.0	<10	N	5	N	700	200	5	<20	N	700
534NM1	15.0	N	N	5	50	20	<20	N	<20	<5	500
535NM1	<1.0	100	N	15	70	30	<20	5	N	5	200
536NM1	<1.0	N	N	20	100	150	200	N	<20	10	100
537NM1	<1.0	N	N	30	150	15	150	N	N	50	70
538NM1	1.0	1,000	N	10	100	20	200	5	20	5	200
539NM1	N	20	N	15	50	15	100	<5	<20	5	70
540NM1	N	20	N	10	70	15	100	N	N	5	50
541NM1	N	10	N	7	50	30	<20	N	N	5	30
542NM1	N	50	N	7	50	10	100	N	N	<5	30

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
497NM1	N	7	30	<100	150	N	300	N	1,000	--
498NM1	N	10	15	200	100	N	200	N	>1,000	--
499NM1	N	20	15	500	150	N	200	N	200	--
500NM1	N	<5	20	100	150	<50	300	N	>1,000	--
501NM1	N	10	15	150	100	N	500	N	>1,000	--
502NM1	N	10	15	100	100	N	500	N	>1,000	--
503NM1	N	10	N	200	20	N	200	N	>1,000	--
504NM1	N	10	N	<100	30	N	500	N	>1,000	--
505NM1	N	7	N	300	30	N	70	N	300	--
506NM1	N	7	N	500	50	N	100	N	>1,000	--
507NM1	N	10	20	200	100	N	500	N	>1,000	--
508NM1	N	10	10	150	100	N	500	N	>1,000	--
509NM1	N	10	15	200	100	N	700	N	>1,000	--
510NM1	N	10	15	200	150	N	500	N	>1,000	--
511NM1	N	7	N	300	70	50	150	N	1,000	--
512NM1	N	20	20	500	150	N	500	N	>1,000	--
513NM1	N	20	20	500	100	N	300	500	>1,000	--
514NM1	N	15	15	300	100	N	200	N	1,000	--
515NM1	N	10	N	300	50	N	100	N	>1,000	--
516NM1	N	20	N	150	70	N	150	N	>1,000	--
517NM1	N	30	15	500	100	<50	500	N	>1,000	--
518NM1	N	15	N	300	30	N	200	N	>1,000	--
519NM1	N	20	N	500	50	N	700	N	>1,000	--
520NM1	N	20	N	500	70	N	500	N	>1,000	--
521NM1	N	15	N	200	50	<50	150	N	>1,000	--
522NM1	N	30	10	500	70	N	1,000	N	>1,000	--
523NM1	N	30	15	500	100	N	1,000	N	>1,000	--
525NM1	N	30	N	<100	50	N	700	N	>1,000	--
526NM1	N	10	N	300	30	N	200	N	>1,000	--
527NM1	N	15	N	300	50	N	300	N	>1,000	--
528NM1	N	30	15	300	50	N	700	N	>1,000	--
529NM1	N	10	10	500	30	N	200	N	1,000	--
530NM1	N	30	30	100	150	70	300	N	>1,000	--
531NM1	N	30	20	300	100	50	200	N	>1,000	--
532NM1	N	10	N	300	100	700	70	N	1,000	--
533NM1	N	30	1,000	150	100	100	300	N	>1,000	--
534NM1	N	10	20	200	50	500	150	N	1,000	--
535NM1	N	10	N	200	70	100	70	300	1,000	--
536NM1	N	20	15	300	100	<50	150	N	>1,000	--
537NM1	N	20	10	1,000	100	N	150	N	1,000	--
538NM1	N	30	20	1,000	70	500	300	N	>1,000	--
539NM1	N	20	50	<100	70	N	500	N	>1,000	--
540NM1	N	20	10	300	70	<50	300	N	>1,000	--
541NM1	N	15	<10	300	50	<50	150	N	1,000	--
542NM1	N	20	N	300	50	100	150	N	>1,000	--

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
543NM1	35 46 53	105 43 21	1.50	1.00	2.00	.7	700	N	N	N	150	300
544NM1	35 46 58	105 43 24	1.00	.20	2.00	1.0	500	70.0	N	N	70	200
545NM1	35 47 43	105 43 6	.50	.20	5.00	>1.0	300	N	N	N	200	200
555NM1	35 43 5	105 48 4	2.00	.20	1.50	>2.0	500	N	N	N	20	300
556NM1	35 41 45	105 48 46	2.00	.07	.50	1.0	500	N	N	N	30	300
557NM1	35 41 32	105 48 56	2.00	.20	10.00	>2.0	1,000	N	N	N	20	700
558NM1	35 41 21	105 49 10	1.50	.20	15.00	>2.0	700	N	N	N	20	<50
559NM1	35 41 14	105 49 22	3.00	.50	7.00	>2.0	700	N	N	N	50	150
560NM1	35 41 9	105 49 33	1.50	.20	10.00	>2.0	500	N	N	N	50	150
561NM1	35 41 0	105 49 51	2.00	.30	7.00	>2.0	500	N	N	N	30	200
562NM1	35 41 7	105 50 7	1.00	.10	10.00	>2.0	500	N	N	N	20	100
563NM1	35 40 25	105 51 16	1.00	.10	.70	1.5	700	N	N	N	50	500
564NM1	35 41 12	105 51 30	1.50	.10	7.00	>2.0	500	N	N	N	20	300
565NM1	35 41 14	105 53 0	.70	.15	15.00	>2.0	700	N	N	N	<20	700
566NM1	35 42 35	105 48 20	2.00	.10	10.00	>2.0	500	N	N	N	20	150
567NM1	35 41 34	105 49 39	1.00	.10	15.00	>2.0	700	N	N	N	30	100
568NM1	35 41 19	105 50 30	1.00	.15	15.00	>2.0	500	N	N	N	20	100
569NM1	35 41 17	105 50 59	1.00	.15	10.00	>2.0	500	N	N	N	20	150
570NM1	35 41 24	105 51 48	1.00	.10	5.00	>2.0	700	N	N	N	70	300
571NM1	35 41 20	105 51 42	1.50	.07	5.00	>2.0	700	N	N	N	70	200
572NM1	35 40 53	105 52 46	1.00	.10	15.00	>2.0	1,000	N	N	N	20	150
573NM1	35 42 39	105 52 40	1.00	.15	10.00	>2.0	700	N	N	N	20	150
574NM1	35 42 35	105 52 48	1.00	.20	7.00	>2.0	700	N	N	N	20	300
575NM1	35 41 48	105 52 57	1.00	.15	15.00	>2.0	700	N	N	N	<20	700
576NM1	35 38 8	105 50 6	1.00	.20	20.00	2.0	700	N	N	N	20	200
577NM1	35 38 57	105 49 49	2.00	.15	20.00	1.5	500	N	N	N	30	150
578NM1	35 39 3	105 49 51	1.50	.10	10.00	>2.0	500	N	N	N	30	700
579NM1	35 39 10	105 49 44	1.50	.15	15.00	>2.0	500	N	N	N	30	10,000
580NM1	35 39 12	105 49 49	2.00	.10	20.00	.3	150	N	N	N	20	3,000
581NM1	35 38 35	105 49 52	2.00	.20	15.00	1.0	200	N	N	N	50	>10,000
582NM1	35 40 25	105 45 54	1.00	.20	10.00	>2.0	500	N	N	N	100	200
583NM1	35 40 26	105 46 26	1.50	.50	10.00	>2.0	700	N	N	N	100	300
584NM1	35 40 14	105 46 44	1.50	.50	10.00	>2.0	700	N	N	N	100	300
585NM1	35 40 8	105 46 52	1.50	.50	10.00	>2.0	700	N	N	N	70	150
586NM1	35 40 5	105 46 50	1.00	.50	10.00	>2.0	700	N	N	N	100	150
587NM1	35 38 31	105 49 50	2.00	.20	15.00	2.0	500	N	N	N	70	10,000
588NM1	35 38 49	105 49 52	2.00	.15	10.00	2.0	500	N	N	N	30	150
589NM1	35 37 9	105 48 51	2.00	.20	5.00	>2.0	700	N	N	N	50	200
590NM1	35 37 7	105 49 57	1.00	.07	5.00	>2.0	500	N	N	N	30	>10,000
591NM1	35 36 54	105 47 38	1.00	.20	7.00	.7	200	N	N	N	<20	1,000
592NM1	35 36 20	105 48 4	1.00	.20	20.00	1.5	500	N	N	N	20	>10,000
593NM1	35 36 21	105 47 59	5.00	1.00	15.00	2.0	1,000	N	N	N	50	300
594NM1	35 36 14	105 47 53	1.00	.15	10.00	1.5	200	2.0	N	N	<20	7,000
595NM1	35 41 35	105 46 19	3.00	.15	7.00	>2.0	500	N	N	N	50	700
596NM1	35 41 30	105 46 23	3.00	.30	10.00	>2.0	700	3.0	N	N	30	300

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
543NM1	<1.0	N	N	15	100	15	150	<5	N	10	30
544NM1	N	N	N	10	30	150	20	<5	N	10	20
545NM1	1.0	100	N	7	70	20	200	15	20	10	50
555NM1	15.0	N	N	N	30	10	50	15	100	N	150
556NM1	20.0	N	N	N	20	15	N	N	70	10	30
557NM1	15.0	N	N	N	70	20	N	150	100	N	150
558NM1	2.0	N	N	N	100	<10	N	500	200	N	50
559NM1	2.0	N	N	N	70	15	N	100	200	N	70
560NM1	2.0	N	N	N	50	10	50	20	150	N	70
561NM1	15.0	N	N	30	50	20	50	700	100	N	50
562NM1	10.0	N	N	N	50	<10	100	15	150	20	50
563NM1	30.0	70	N	N	N	30	N	700	50	N	500
564NM1	15.0	200	N	N	50	10	N	100	100	N	100
565NM1	2.0	50	N	N	20	10	70	<10	100	N	20
566NM1	20.0	N	N	N	20	15	N	<10	100	N	300
567NM1	20.0	100	N	N	20	10	N	100	150	N	100
568NM1	<2.0	N	N	N	<20	10	N	20	100	N	20
569NM1	2.0	30	N	N	50	15	70	70	150	N	200
570NM1	20.0	N	N	N	30	20	100	50	100	N	150
571NM1	20.0	N	N	N	30	50	100	70	100	N	50
572NM1	10.0	N	N	N	30	50	100	15	70	N	50
573NM1	<2.0	N	N	N	70	<10	100	20	150	N	30
574NM1	<2.0	N	N	<10	50	20	50	20	100	N	70
575NM1	10.0	N	N	N	30	30	70	30	70	N	70
576NM1	10.0	N	N	N	20	10	50	N	N	N	20
577NM1	10.0	N	N	N	20	<10	N	<10	N	N	20
578NM1	30.0	N	N	N	20	15	70	10	<50	N	20
579NM1	10.0	N	N	N	30	10	70	200	50	N	<20
580NM1	15.0	N	N	N	N	10	200	50	<50	N	70
581NM1	15.0	N	N	70	<20	15	N	10	N	N	50
582NM1	2.0	2,000	N	N	50	30	N	500	100	N	70
583NM1	2.0	2,000	N	N	50	50	N	300	100	N	100
584NM1	<2.0	1,500	N	<10	70	50	N	100	100	N	70
585NM1	2.0	30	N	N	70	20	N	150	100	N	70
586NM1	<2.0	N	N	N	50	30	N	50	100	N	20
587NM1	15.0	20	N	N	30	15	N	20	70	N	20
588NM1	70.0	<20	N	50	20	10	N	10	50	N	50
589NM1	<2.0	500	N	30	50	70	N	1,000	150	N	70
590NM1	15.0	50	N	N	30	15	N	1,000	N	N	1,000
591NM1	<2.0	N	N	N	<20	15	N	500	<50	N	30
592NM1	15.0	30	N	N	30	10	N	300	N	N	50
593NM1	10.0	N	N	30	100	70	N	70	50	30	<20
594NM1	7.0	50	N	N	20	<10	150	500	<50	N	<20
595NM1	15.0	200	N	N	50	15	N	200	150	N	50
596NM1	15.0	500	150	20	50	300	N	200	100	N	150

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
543NM1	N	15	10	200	70	N	200	N	1,000	--
544NM1	N	10	30	100	50	N	150	N	>1,000	--
545NM1	N	30	10	700	70	1,000	500	N	>1,000	--
555NM1	N	30	N	N	50	200	1,500	N	>2,000	N
556NM1	N	30	30	N	30	100	2,000	N	>2,000	N
557NM1	N	70	1,000	N	50	2,000	1,500	N	>2,000	N
558NM1	N	20	70	N	100	5,000	1,000	N	>2,000	N
559NM1	N	30	<20	N	100	5,000	700	N	>2,000	N
560NM1	N	30	N	N	100	1,500	500	N	>2,000	N
561NM1	N	30	N	N	50	3,000	1,000	N	>2,000	N
562NM1	N	20	N	N	150	300	1,500	N	>2,000	N
563NM1	N	70	30	N	20	1,000	3,000	N	>2,000	700
564NM1	N	30	N	N	50	2,000	1,000	N	>2,000	N
565NM1	N	<10	N	300	50	150	700	N	>2,000	N
566NM1	N	30	N	N	50	N	1,500	N	>2,000	N
567NM1	N	30	N	N	50	2,000	1,500	N	>2,000	N
568NM1	N	N	N	N	100	500	700	N	>2,000	N
569NM1	N	<10	50	N	150	500	1,000	N	>2,000	N
570NM1	N	100	N	N	30	1,000	2,000	N	>2,000	500
571NM1	N	70	N	N	50	1,000	3,000	N	>2,000	500
572NM1	N	30	N	N	50	100	2,000	N	>2,000	N
573NM1	N	50	N	N	100	150	1,000	N	>2,000	N
574NM1	N	30	N	N	100	150	500	N	>2,000	N
575NM1	N	20	N	N	70	200	1,500	N	>2,000	N
576NM1	N	20	N	300	30	300	1,000	N	>2,000	N
577NM1	N	20	N	N	30	150	1,500	N	>2,000	N
578NM1	N	30	N	N	50	300	3,000	N	>2,000	<200
579NM1	N	30	N	N	30	5,000	1,500	N	>2,000	N
580NM1	N	30	N	500	20	700	2,000	N	>2,000	N
581NM1	N	20	N	N	20	700	1,000	N	>2,000	N
582NM1	N	20	N	N	70	>20,000	500	N	>2,000	N
583NM1	N	20	N	N	50	>20,000	500	N	>2,000	N
584NM1	N	<10	N	N	70	10,000	300	N	>2,000	N
585NM1	N	<10	N	N	70	7,000	300	N	>2,000	N
586NM1	N	50	N	300	70	5,000	300	N	>2,000	N
587NM1	N	50	N	N	30	3,000	1,500	N	>2,000	N
588NM1	N	<10	N	N	50	200	2,000	500	>2,000	N
589NM1	N	70	N	1,000	100	20,000	700	N	>2,000	N
590NM1	N	N	N	N	50	15,000	2,000	N	>2,000	N
591NM1	N	30	N	N	20	3,000	100	N	>2,000	N
592NM1	N	30	30	700	70	1,000	1,500	N	>2,000	500
593NM1	N	N	N	N	100	1,500	1,500	N	>2,000	1,500
594NM1	N	50	N	N	20	5,000	300	N	>2,000	N
595NM1	N	30	N	N	50	3,000	500	N	>2,000	N
596NM1	N	20	N	N	50	3,000	1,000	10,000	>2,000	N

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
597NM1	35 41 19	105 46 19	3.00	.50	10.00	>2.0	700	50.0	N	50	100	300
598NM1	35 41 23	105 46 7	2.00	.50	5.00	1.5	1,000	N	N	N	100	1,500
599NM1	35 41 2	105 46 2	3.00	.70	10.00	>2.0	700	N	N	N	70	300
600NM1	35 41 35	105 46 42	.50	.05	2.00	>2.0	700	70.0	1,500	N	50	100
601NM1	35 40 20	105 45 50	.50	.05	3.00	>2.0	500	20.0	500	N	70	>10,000
602NM1	35 39 1	105 46 30	.70	.15	2.00	>2.0	500	5.0	<500	N	70	500
603NM1	35 46 12	105 44 9	1.00	.10	30.00	>2.0	3,000	N	N	N	<20	N
605NM1	35 46 34	105 43 57	3.00	.70	30.00	>2.0	3,000	N	N	N	70	700
606NM1	35 46 11	105 42 52	1.50	.70	7.00	>2.0	300	N	N	N	70	700
607NM1	35 46 13	105 42 56	1.50	.30	15.00	>2.0	1,500	N	N	N	30	5,000
608NM1	35 42 29	105 44 6	1.50	.30	10.00	>2.0	700	N	N	N	100	700
609NM1	35 42 37	105 44 12	1.50	.30	15.00	>2.0	700	N	N	N	20	700
610NM1	35 42 42	105 44 18	1.50	.70	10.00	>2.0	700	N	N	N	70	200
611NM1	35 52 7	105 29 11	2.00	.50	7.00	>2.0	700	N	N	N	150	300

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
597NM1	10.0	>2,000	N	N	70	100	N	150	100	20	1,000
598NM1	<2.0	200	N	10	50	50	N	50	150	N	<20
599NM1	<2.0	30	N	15	70	50	N	200	100	N	100
600NM1	10.0	<20	N	N	20	10	150	10	100	N	50
601NM1	3.0	N	N	10	20	15	100	50	100	N	20
602NM1	2.0	N	N	N	10	20	50	20	50	N	20
603NM1	N	300	N	<10	30	30	150	N	150	300	150
605NM1	<2.0	70	N	<10	50	<10	N	N	100	N	70
606NM1	5.0	N	N	N	300	N	700	N	200	N	100
607NM1	<2.0	70	N	N	150	N	300	N	200	N	<20
608NM1	15.0	1,500	N	10	30	<10	150	N	70	N	150
609NM1	5.0	300	N	10	30	10	200	N	150	N	150
610NM1	2.0	N	N	15	70	N	300	N	70	N	70
611NM1	30.0	150	N	15	150	30	N	N	1,500	N	150

TABLE 3. ANALYSES OF NM1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
597NM1	N	20	N	N	100	10,000	1,000	N	>2,000	N
598NM1	N	20	N	N	50	10,000	500	N	>2,000	N
599NM1	N	20	200	N	100	20,000	200	N	>2,000	N
600NM1	N	70	15	<200	70	100	1,000	N	>2,000	200
601NM1	N	30	N	300	70	1,500	700	N	>2,000	N
602NM1	N	30	<20	<200	70	500	150	N	>2,000	N
603NM1	N	150	N	200	300	N	>500	N	>2,000	--
605NM1	N	100	30	200	150	N	>500	N	>2,000	--
606NM1	N	>200	30	1,500	700	N	>500	N	>2,000	--
607NM1	N	150	N	300	300	N	>500	3,000	>2,000	--
608NM1	N	70	30	200	150	3,000	>500	N	>2,000	--
609NM1	N	70	150	200	150	700	>500	N	>2,000	--
610NM1	N	70	1,500	200	150	1,000	>500	N	>2,000	--
611NM1	N	15	70	<200	300	1,500	300	300	>2,000	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
001M1	35 53 6	105 36 14	15.0	.70	20.00	2.0	700	N	N	N	70	200
002M1	35 53 8	105 36 17	10.0	.70	15.00	1.5	1,000	N	N	N	200	150
003M1	35 52 26	105 36 34	20.0	.20	20.00	.7	1,000	N	N	N	70	150
004M1	35 51 12	105 37 15	30.0	.50	20.00	1.0	1,500	N	N	N	70	300
005M1	35 50 22	105 38 4	30.0	.70	20.00	1.0	1,500	N	N	N	100	300
006M1	35 50 24	105 38 12	30.0	1.00	20.00	1.0	1,500	N	N	N	150	100
007M1	35 49 56	105 38 29	15.0	1.50	20.00	1.0	1,500	N	N	N	200	200
008M1	35 53 22	105 37 54	20.0	.70	20.00	>2.0	1,500	N	N	N	1,500	200
009M1	35 53 41	105 39 33	15.0	.70	20.00	1.0	10,000	N	N	N	1,000	50
014M1	35 58 58	105 37 13	15.0	.50	20.00	1.5	500	N	N	N	700	150
015M1	35 59 8	105 37 2	15.0	.50	20.00	1.5	700	N	N	N	700	150
016M1	35 59 2	105 36 59	15.0	.50	20.00	1.5	300	N	N	N	700	200
017M1	35 59 6	105 37 1	15.0	.50	20.00	1.5	1,000	N	N	N	700	200
018M1	35 59 6	105 36 50	15.0	.20	20.00	1.5	3,000	N	N	N	150	1,500
019M1	35 59 18	105 36 36	20.0	.70	20.00	>2.0	500	N	N	N	1,500	300
020M1	35 59 21	105 36 35	30.0	.70	20.00	>2.0	500	N	N	N	700	500
021M1	35 59 52	105 36 26	15.0	.30	20.00	1.5	3,000	N	N	N	300	1,500
022M1	35 59 50	105 36 31	15.0	.50	20.00	2.0	1,500	N	N	N	700	1,000
023M1	35 59 52	105 36 35	15.0	.50	20.00	2.0	300	N	N	N	1,000	100
024M1	35 59 57	105 36 26	20.0	.70	20.00	2.0	1,500	<1.0	N	N	100	500
025M1	36 1 12	105 36 52	30.0	.50	20.00	2.0	500	N	N	N	70	100
026M1	36 0 25	105 35 52	20.0	.50	20.00	2.0	1,000	N	N	N	70	700
027M1	36 0 27	105 36 25	30.0	.50	>20.00	2.0	3,000	N	N	N	150	700
028M1	36 0 22	105 36 25	30.0	.70	>20.00	2.0	3,000	N	N	N	200	1,000
029M1	36 1 6	105 36 41	30.0	.70	>20.00	2.0	2,000	N	N	N	200	300
030M1	36 1 35	105 36 49	30.0	.70	>20.00	2.0	2,000	N	N	N	200	300
031M1	36 3 13	105 36 53	30.0	.70	>20.00	1.5	3,000	N	N	N	70	700
034M1	35 56 32	105 38 59	30.0	.70	>20.00	1.0	1,500	N	N	N	100	200
035M1	35 56 33	105 39 5	30.0	1.00	>20.00	2.0	1,000	N	N	N	1,000	100
036M1	35 56 24	105 39 47	15.0	5.00	>20.00	1.5	3,000	N	N	N	150	200
037M1	35 56 22	105 39 44	15.0	3.00	>20.00	2.0	3,000	N	N	N	300	500
038M1	35 56 13	105 40 46	15.0	1.50	>20.00	2.0	3,000	N	N	N	150	700
039M1	35 54 57	105 40 3	30.0	1.00	>20.00	2.0	7,000	N	N	N	2,000	700
040M1	35 54 57	105 39 56	30.0	.70	>20.00	2.0	2,000	N	N	N	5,000	300
041M1	35 55 16	105 39 49	30.0	.15	>20.00	2.0	1,500	N	N	N	70	200
042M1	35 55 55	105 40 14	30.0	.70	>20.00	2.0	1,500	N	N	N	100	300
043M1	35 55 50	105 40 13	30.0	.70	>20.00	2.0	1,000	N	N	N	1,000	150
044M1	35 56 15	105 42 1	20.0	3.00	>20.00	2.0	3,000	N	N	N	100	300
045M1	35 57 15	105 40 10	20.0	5.00	>20.00	1.5	3,000	N	N	N	50	500
046M1	35 57 21	105 40 34	15.0	5.00	>20.00	1.5	3,000	N	N	N	200	500
047M1	35 57 17	105 41 22	15.0	5.00	>20.00	1.5	3,000	N	N	N	1,000	700
048M1	35 56 26	105 41 44	15.0	5.00	>20.00	1.5	3,000	N	N	N	300	500
049M1	35 52 13	105 34 38	30.0	1.00	>20.00	1.5	5,000	N	N	N	700	300
050M1	35 52 10	105 34 28	30.0	1.50	>20.00	1.5	2,000	N	N	N	500	300
051M1	35 53 10	105 30 22	10.0	.50	.50	2.0	300	N	N	N	100	300

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
001M1	3	N	N	30	150	20	100	N	50	70	70
002M1	3	N	N	30	100	30	200	N	50	100	50
003M1	5	N	N	20	150	30	50	N	N	70	70
004M1	7	N	N	30	150	50	150	N	70	100	100
005M1	5	N	N	30	150	50	150	N	<50	70	70
006M1	2	N	N	30	150	30	500	N	200	100	100
007M1	2	N	N	30	150	30	200	N	100	100	50
008M1	3	N	N	30	150	150	300	N	70	70	150
009M1	7	N	N	30	150	10	300	N	50	50	20
014M1	30	N	N	20	150	10	700	N	700	50	70
015M1	3	N	N	30	150	10	300	N	500	70	30
016M1	2	N	N	30	200	10	300	N	300	70	20
017M1	7	N	N	30	150	10	500	N	700	70	50
018M1	7	N	N	30	150	20	300	N	50	50	50
019M1	<2	N	N	30	150	30	700	N	1,000	70	150
020M1	2	N	N	500	150	30	1,000	N	1,500	70	100
021M1	2	N	N	50	150	300	200	N	300	70	100
022M1	<2	N	N	30	150	50	300	N	100	70	30
023M1	<2	N	N	20	150	10	300	N	100	30	20
024M1	3	N	N	70	150	200	150	N	100	100	300
025M1	5	N	N	20	200	10	300	N	100	70	20
026M1	7	N	N	30	150	150	100	N	150	100	500
027M1	5	N	N	50	150	70	200	N	150	150	500
028M1	7	N	N	70	150	100	150	N	70	300	300
029M1	7	N	N	50	200	70	150	N	70	200	150
030M1	5	N	N	50	200	70	200	N	150	200	150
031M1	7	N	N	70	150	70	300	N	50	200	150
034M1	7	N	N	50	200	100	50	N	50	200	150
035M1	5	N	N	30	300	50	300	N	100	100	70
036M1	<2	N	N	50	500	<10	500	N	50	150	20
037M1	2	N	N	30	300	<10	300	N	50	100	30
038M1	<2	N	N	30	300	<10	200	N	50	70	50
039M1	7	N	N	30	300	30	700	N	150	100	100
040M1	10	N	N	50	300	10	300	N	100	150	50
041M1	5	N	N	20	300	15	300	N	70	50	70
042M1	7	N	N	30	200	150	70	N	50	100	150
043M1	7	N	N	30	300	50	70	N	300	100	50
044M1	7	N	N	30	500	10	1,500	N	70	150	150
045M1	<2	N	N	50	300	<10	50	N	N	150	20
046M1	<2	N	N	50	500	<10	50	N	<50	150	20
047M1	3	N	N	30	500	10	300	N	50	150	100
048M1	2	N	N	50	500	<10	200	N	<50	150	70
049M1	7	N	N	50	200	50	50	N	<50	100	70
050M1	10	N	N	70	300	30	150	N	50	70	70
051M1	3	N	N	30	100	20	200	N	50	50	30

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
001M1	N	15	N	200	300	N	100	N	200	--
002M1	N	15	N	200	200	N	500	N	300	--
003M1	N	15	N	N	300	N	500	N	300	--
004M1	N	15	N	300	300	N	>500	N	1,000	--
005M1	N	15	N	200	300	N	200	N	300	--
006M1	N	15	N	<200	300	N	300	N	500	--
007M1	N	15	N	<200	300	N	200	N	500	--
008M1	N	20	N	300	300	N	>500	N	700	--
009M1	N	15	N	N	150	N	300	N	500	--
014M1	<200	15	N	300	100	N	500	N	>2,000	--
015M1	<200	15	N	200	150	N	500	N	2,000	--
016M1	<200	15	N	200	200	N	>500	N	2,000	--
017M1	<200	15	N	200	150	N	150	N	2,000	--
018M1	N	15	N	1,000	150	N	500	N	2,000	--
019M1	200	20	N	300	200	N	300	N	>2,000	--
020M1	<200	20	N	300	300	N	>500	700	>2,000	--
021M1	N	15	N	300	150	N	150	N	700	--
022M1	N	15	N	300	200	N	150	N	1,500	--
023M1	N	15	N	300	200	N	200	N	>2,000	--
024M1	N	15	N	300	200	N	300	500	2,000	--
025M1	N	15	N	300	200	N	300	N	2,000	--
026M1	N	15	N	200	200	N	>500	300	700	--
027M1	N	30	N	200	150	N	>500	N	700	--
028M1	N	30	N	200	200	N	>500	N	1,000	--
029M1	N	50	N	200	300	N	>500	N	700	--
030M1	N	30	N	N	300	N	>500	N	700	--
031M1	N	30	N	N	200	N	>500	N	500	--
034M1	N	30	N	<200	300	N	150	N	500	--
035M1	N	30	N	200	300	N	300	N	1,500	--
036M1	N	70	N	200	300	N	200	N	700	--
037M1	N	70	N	500	300	<100	150	N	700	--
038M1	N	50	N	300	300	N	200	1,000	700	--
039M1	N	30	N	200	300	N	300	N	1,000	--
040M1	N	30	N	500	300	N	200	1,000	1,000	--
041M1	N	30	N	700	300	N	150	N	2,000	--
042M1	N	30	N	200	300	N	150	N	1,000	--
043M1	N	20	N	200	500	N	150	N	1,000	--
044M1	N	50	N	700	300	N	300	N	700	--
045M1	N	70	N	500	500	N	100	N	500	--
046M1	N	50	N	200	500	N	150	N	500	--
047M1	N	70	N	700	500	N	>500	N	1,000	--
048M1	N	70	N	500	500	N	200	N	500	--
049M1	N	30	N	N	300	N	300	500	700	--
050M1	N	30	N	<200	300	N	200	700	1,000	--
051M1	N	30	N	300	200	N	100	N	700	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
052M1	35 53 25	105 30 5	7.0	1.00	.30	>2.0	1,000	N	N	N	3,000	150
053M1	35 53 28	105 30 2	10.0	1.00	.20	2.0	1,500	N	N	N	1,500	300
054M1	35 53 31	105 29 24	7.0	.70	5.00	1.0	3,000	N	N	N	2,000	500
055M1	35 53 28	105 29 26	10.0	.70	.20	>2.0	1,000	N	N	N	1,500	200
056M1	35 53 22	105 29 19	7.0	1.00	.30	>2.0	1,500	N	N	N	1,500	300
057M1	35 57 6	105 36 36	10.0	5.00	3.00	1.0	3,000	N	N	N	500	300
058M1	35 57 4	105 36 23	15.0	.30	1.00	1.0	1,500	N	N	N	300	200
059M1	35 57 17	105 36 44	10.0	2.00	2.00	1.5	3,000	N	N	N	700	300
060M1	35 57 29	105 36 58	15.0	1.00	1.50	1.5	2,000	N	N	N	500	200
061M1	35 57 31	105 37 9	15.0	1.50	1.50	1.0	1,500	N	N	N	500	300
062M1	35 57 37	105 37 40	10.0	5.00	2.00	1.0	5,000	N	N	N	700	700
063M1	35 57 40	105 37 40	10.0	5.00	3.00	1.0	3,000	N	N	N	150	700
064M1	35 57 44	105 37 40	7.0	5.00	3.00	.7	3,000	N	N	N	100	300
065M1	35 57 32	105 35 39	20.0	.70	.70	1.0	1,500	N	N	N	200	500
066M1	35 57 34	105 35 34	15.0	.50	.50	1.0	700	N	N	N	500	300
067M1	35 57 29	105 35 40	20.0	.70	1.00	2.0	1,500	N	N	N	700	500
068M1	35 58 8	105 33 12	15.0	.70	.50	1.0	1,000	N	N	N	150	300
069M1	35 58 54	105 32 11	20.0	.70	1.50	1.0	1,500	N	N	N	700	500
070M1	35 58 47	105 32 0	30.0	.50	2.00	1.0	2,000	N	N	N	150	700
071M1	35 57 20	105 32 27	15.0	.50	.50	.2	1,500	N	N	N	30	300
072M1	35 56 58	105 32 30	10.0	.30	1.00	1.0	1,000	N	N	N	500	300
073M1	35 56 29	105 33 17	15.0	.50	1.00	.7	2,000	N	N	N	500	500
074M1	35 56 14	105 33 29	30.0	.70	1.50	.7	3,000	N	N	N	150	700
075M1	35 56 0	105 33 54	30.0	.50	.30	.7	1,500	N	N	N	100	500
076M1	35 54 33	105 35 53	20.0	2.00	2.00	.7	2,000	N	N	N	150	500
077M1	35 54 34	105 35 49	30.0	1.00	1.00	1.0	2,000	N	N	N	70	700
078M1	35 53 52	105 36 11	30.0	.70	.50	1.5	2,000	N	N	N	150	500
079M1	35 54 31	105 29 51	30.0	1.00	.10	>2.0	2,000	N	N	N	1,000	700
080M1	35 54 48	105 29 28	30.0	.70	.10	>20.0	2,000	N	N	N	1,000	500
081M1	35 54 55	105 29 20	20.0	5.00	1.00	1.5	3,000	N	N	N	150	700
082M1	35 55 15	105 28 48	15.0	3.00	1.00	1.0	7,000	N	N	N	1,500	1,500
083M1	35 55 15	105 29 4	30.0	5.00	.70	1.5	3,000	N	N	N	700	1,000
084M1	35 55 9	105 28 56	30.0	3.00	.70	1.0	3,000	N	N	N	700	1,000
085M1	35 54 59	105 28 49	2.0	.30	.15	>2.0	300	N	N	N	200	700
086M1	35 54 16	105 39 33	20.0	.70	.20	2.0	7,000	N	N	N	1,000	700
087M1	35 54 4	105 39 32	10.0	1.00	.30	>2.0	7,000	N	N	N	1,000	300
088M1	35 53 55	105 39 47	10.0	1.00	.30	1.5	3,000	N	N	N	100	150
089M1	35 52 48	105 41 3	15.0	.70	.30	2.0	1,500	N	N	N	700	150
090M1	35 52 27	105 40 20	15.0	.70	.20	1.0	1,500	N	N	N	700	200
091M1	35 52 25	105 40 27	20.0	.70	.30	1.5	1,500	N	N	N	700	300
092M1	35 52 11	105 40 20	30.0	.50	.30	1.0	1,500	N	N	N	500	500
093M1	35 51 54	105 40 43	30.0	.70	.20	1.5	2,000	N	N	N	700	200
094M1	35 51 53	105 40 49	15.0	2.00	5.00	2.0	2,000	N	N	N	100	1,000
095M1	35 51 42	105 40 53	15.0	1.50	5.00	2.0	2,000	N	N	N	500	500
096M1	35 54 12	105 42 35	10.0	1.00	3.00	>2.0	1,500	N	N	N	300	500

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
052M1	7	N	N	30	150	15	700	N	70	70	50
053M1	3	N	N	30	100	30	200	N	70	70	50
054M1	2	N	N	20	100	<10	500	N	50	50	50
055M1	3	N	N	30	100	20	700	N	100	50	70
056M1	3	N	N	30	100	20	100	5	70	70	30
057M1	2	N	N	30	150	20	500	N	N	100	50
058M1	3	N	N	30	100	100	700	<10	70	150	150
059M1	2	N	N	30	150	30	700	N	100	150	30
060M1	20	N	N	20	150	30	700	N	150	100	50
061M1	10	N	N	30	100	100	700	30	<50	150	150
062M1	2	N	N	50	200	10	100	N	N	100	50
063M1	3	N	N	30	150	10	150	N	50	100	50
064M1	<2	N	N	50	100	<10	50	N	N	100	N
065M1	3	N	N	50	150	300	200	30	70	200	200
066M1	2	N	N	30	100	70	1,000	10	200	150	150
067M1	3	N	N	50	150	100	700	20	300	200	150
068M1	2	N	N	30	70	70	50	30	<50	150	150
069M1	3	N	N	50	100	200	500	20	70	200	200
070M1	5	N	N	70	100	300	300	30	70	200	200
071M1	3	N	N	30	70	100	70	10	N	100	50
072M1	2	N	N	20	70	150	150	N	50	70	30
073M1	5	N	N	30	70	50	200	N	<50	100	70
074M1	5	N	N	30	150	150	150	20	50	150	70
075M1	5	N	N	50	150	150	150	15	<50	150	100
076M1	3	N	N	50	150	100	150	10	<50	150	70
077M1	5	N	N	30	150	70	50	N	<50	100	70
078M1	7	N	N	30	200	150	50	<10	50	150	70
079M1	3	N	N	30	150	70	700	N	70	70	100
080M1	3	N	N	30	150	70	>2,000	N	100	70	150
081M1	3	N	N	50	200	30	100	N	50	100	20
082M1	7	N	N	50	300	50	300	N	50	150	150
083M1	2	N	N	30	200	10	150	N	<50	70	N
084M1	2	N	N	30	150	10	50	N	N	70	<20
085M1	30	N	N	20	150	30	N	N	300	10	100
086M1	10	N	N	30	150	10	300	N	70	30	50
087M1	10	N	N	30	100	10	700	N	100	20	70
088M1	7	N	N	30	100	<10	100	N	<50	50	20
089M1	15	N	N	30	150	50	200	N	50	70	50
090M1	7	N	N	30	100	30	N	10	N	70	50
091M1	10	N	N	30	150	70	100	15	50	100	70
092M1	7	N	N	30	150	100	N	20	<50	150	100
093M1	10	N	N	30	150	50	N	<10	50	100	50
094M1	3	N	N	30	200	100	2,000	10	200	100	150
095M1	5	N	N	30	300	70	1,500	10	200	100	150
096M1	3	N	N	30	150	300	700	10	200	70	150

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
052M1	N	30	N	N	150	N	150	1,000	500	--
053M1	N	30	N	N	150	N	100	N	500	--
054M1	N	30	N	200	200	N	200	N	700	--
055M1	N	30	N	N	150	N	150	1,500	500	--
056M1	N	30	N	<200	150	N	100	N	700	--
057M1	N	30	N	200	200	N	150	N	300	--
058M1	N	20	N	N	100	N	150	N	500	--
059M1	N	30	N	200	200	N	200	N	700	--
060M1	N	30	N	200	150	N	150	N	1,000	--
061M1	N	30	N	300	150	N	100	N	1,000	--
062M1	N	50	N	N	300	N	150	1,000	300	--
063M1	N	50	N	200	300	N	100	N	200	--
064M1	N	50	N	200	300	N	100	N	200	--
065M1	N	20	N	<200	150	N	>500	<500	300	--
066M1	N	30	N	N	150	N	>500	N	700	--
067M1	N	30	N	200	150	N	>500	N	1,000	--
068M1	N	15	N	N	70	N	100	<500	300	--
069M1	N	20	N	<200	150	N	>500	N	500	--
070M1	N	30	N	500	150	N	150	N	300	--
071M1	N	20	N	N	50	N	70	N	70	--
072M1	N	20	N	<200	100	N	300	500	200	--
073M1	N	30	N	N	150	N	200	500	500	--
074M1	N	30	N	200	200	N	200	500	150	--
075M1	N	30	N	N	200	N	300	500	300	--
076M1	N	30	N	200	200	N	100	N	300	--
077M1	N	30	N	<200	200	N	100	N	700	--
078M1	N	30	N	<200	300	N	150	500	700	--
079M1	N	30	N	N	300	N	150	N	700	--
080M1	N	30	N	N	300	N	>500	N	1,000	--
081M1	N	50	N	200	300	N	100	N	1,000	--
082M1	N	50	N	<200	300	N	500	N	1,000	--
083M1	N	50	N	300	300	N	150	N	700	--
084M1	N	50	N	<200	300	N	100	N	700	--
085M1	N	100	N	200	300	N	300	N	>2,000	--
086M1	N	30	N	<200	300	N	150	N	1,000	--
087M1	N	30	N	N	200	N	300	700	700	--
088M1	N	20	N	N	150	N	70	1,000	300	--
089M1	N	15	N	200	200	N	100	1,000	700	--
090M1	N	30	N	N	150	N	50	500	500	--
091M1	N	30	N	N	200	N	70	1,000	700	--
092M1	N	30	N	N	200	N	70	500	300	--
093M1	N	30	N	N	300	N	150	500	500	--
094M1	N	100	N	1,000	300	N	500	N	1,000	--
095M1	N	100	N	700	300	N	>500	N	1,000	--
096M1	N	100	N	700	300	N	>500	N	1,500	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
097M1	35 54 3	105 42 29	10.0	2.00	3.00	>2.0	1,500	1.5	N	N	50	700
098M1	35 54 2	105 42 22	15.0	.70	1.00	>2.0	700	N	N	N	2,000	500
099M1	35 53 33	105 42 37	7.0	2.00	5.00	>2.0	1,500	N	N	N	50	700
100M1	35 53 11	105 42 49	10.0	3.00	5.00	1.5	2,000	N	N	N	20	1,000
101M1	35 52 35	105 42 17	10.0	.70	.30	>2.0	500	N	N	N	2,000	300
102M1	35 52 40	105 42 36	15.0	2.00	5.00	2.0	2,000	N	N	N	100	1,000
103M1	35 52 35	105 42 41	7.0	2.00	7.00	1.0	2,000	N	N	N	20	200
104M1	35 52 29	105 42 44	10.0	2.00	5.00	1.0	2,000	N	N	N	70	300
105M1	35 51 52	105 42 48	10.0	1.50	3.00	1.5	2,000	N	N	N	150	700
106M1	35 51 38	105 42 40	10.0	1.50	5.00	1.5	2,000	N	N	N	200	700
107M1	35 51 29	105 42 30	15.0	1.00	5.00	1.5	2,000	N	N	N	700	700
108M1	35 50 57	105 41 54	10.0	1.50	3.00	2.0	3,000	N	N	N	500	1,000
109M1	35 50 55	105 40 45	15.0	1.00	3.00	2.0	1,500	N	N	N	700	700
110M1	35 57 4	105 38 9	10.0	3.00	3.00	1.5	3,000	N	N	N	1,000	500
111M1	35 55 50	105 37 13	20.0	.70	1.00	1.5	1,000	N	N	N	300	500
112M1	35 55 52	105 37 13	30.0	.70	1.50	.2	1,500	N	N	N	100	500
113M1	35 56 0	105 36 43	30.0	.70	1.00	.7	3,000	N	N	N	200	1,000
114M1	35 57 35	105 33 45	30.0	.70	.70	1.0	2,000	N	N	N	200	1,000
115M1	35 56 44	105 35 16	30.0	.50	.70	1.0	2,000	N	N	N	100	1,000
116M1	35 56 25	105 35 22	30.0	.70	1.50	1.0	2,000	N	N	N	200	1,000
117M1	35 56 23	105 35 27	2.0	.50	2.00	>2.0	300	N	N	N	200	10,000
118M1	35 56 3	105 35 20	30.0	.70	1.00	.5	1,500	N	N	N	100	700
119M1	35 55 19	105 36 2	20.0	3.00	3.00	.7	2,000	N	N	N	100	700
120M1	35 54 56	105 36 2	30.0	.70	1.50	1.0	1,500	N	N	N	200	500
121M1	35 48 15	105 44 45	5.0	.70	5.00	1.0	1,500	N	N	N	50	300
122M1	35 48 22	105 44 33	5.0	.50	5.00	1.0	1,500	N	N	N	70	200
123M1	35 48 35	105 43 50	5.0	.70	5.00	1.5	1,500	N	N	N	200	300
124M1	35 48 36	105 43 48	5.0	.70	3.00	1.5	3,000	N	N	N	300	200
125M1	35 48 47	105 43 22	20.0	.30	5.00	1.0	1,500	N	N	N	200	200
126M1	35 48 54	105 43 8	7.0	.50	3.00	1.5	3,000	N	N	N	20	200
127M1	35 48 15	105 42 38	10.0	.70	3.00	2.0	1,500	N	N	N	500	200
128M1	35 48 12	105 42 45	7.0	2.00	5.00	1.5	1,500	N	N	N	150	300
129M1	35 47 41	105 42 40	7.0	5.00	1.50	1.0	3,000	N	N	N	20	200
130M1	35 47 31	105 42 18	15.0	1.00	1.50	1.5	1,000	N	N	N	500	200
131M1	35 50 51	105 43 42	5.0	1.00	3.00	.7	1,000	N	N	N	N	1,000
132M1	35 50 46	105 43 39	7.0	2.00	3.00	1.5	2,000	N	N	N	100	300
133M1	35 50 49	105 43 37	7.0	5.00	3.00	.7	2,000	N	N	N	20	300
134M1	35 50 39	105 43 12	7.0	1.00	3.00	1.5	3,000	N	N	N	50	500
135M1	35 49 55	105 43 32	7.0	.70	5.00	>2.0	3,000	N	N	N	100	300
136M1	35 49 26	105 43 36	7.0	.70	2.00	2.0	2,000	N	N	N	70	300
137M1	35 49 37	105 42 41	7.0	1.00	10.00	.7	2,000	N	N	N	1,000	500
138M1	35 49 34	105 42 41	7.0	.70	10.00	1.5	5,000	N	N	N	20	200
139M1	35 46 34	105 44 50	7.0	2.00	7.00	2.0	3,000	N	N	N	50	300
140M1	35 46 37	105 44 49	10.0	3.00	10.00	2.0	2,000	N	N	N	20	200
141M1	35 46 39	105 44 46	7.0	5.00	7.00	2.0	3,000	N	N	N	N	200

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
097M1	5	N	N	30	150	200	700	N	300	50	100
098M1	2	N	N	30	300	300	1,000	10	200	100	150
099M1	7	N	N	30	150	10	700	N	500	70	150
100M1	2	N	N	30	200	20	300	N	200	70	150
101M1	<2	N	N	50	200	200	500	20	100	100	70
102M1	<2	N	N	30	150	50	500	N	200	100	100
103M1	<2	N	N	30	200	10	500	N	70	70	70
104M1	2	N	N	30	300	20	1,500	10	70	70	150
105M1	2	N	N	20	150	10	700	N	70	50	150
106M1	<2	N	N	30	100	10	1,500	N	50	30	100
107M1	3	N	N	30	150	50	2,000	N	70	50	150
108M1	2	N	N	30	150	50	1,500	10	150	70	150
109M1	<2	N	N	30	150	100	1,500	10	100	70	150
110M1	2	N	N	70	300	10	1,000	<10	100	150	30
111M1	2	N	N	50	200	150	200	50	50	150	50
112M1	3	N	N	50	150	150	200	30	N	150	70
113M1	3	N	N	70	200	200	300	70	50	300	100
114M1	3	N	N	70	150	300	200	30	50	200	200
115M1	5	N	N	50	150	200	500	30	70	300	150
116M1	3	N	N	50	150	100	150	20	<50	200	70
117M1	<2	N	N	20	150	20	500	N	300	500	100
118M1	5	N	N	50	150	200	100	30	N	150	150
119M1	2	N	N	50	150	50	200	10	50	150	70
120M1	3	N	N	50	150	150	70	30	<50	150	100
121M1	3	N	N	10	N	20	700	N	70	10	100
122M1	2	N	N	30	50	20	500	N	100	<10	150
123M1	2	N	N	20	20	20	300	N	500	<10	100
124M1	5	N	N	10	50	10	500	N	150	10	100
125M1	<2	N	N	20	150	10	1,500	N	100	20	100
126M1	<2	N	N	10	50	15	1,000	N	100	10	150
127M1	2	N	N	30	100	30	500	10	200	50	150
128M1	<2	N	N	30	150	20	200	N	200	70	150
129M1	<2	N	N	30	300	30	100	N	<50	70	20
130M1	2	N	N	30	150	30	300	20	100	70	100
131M1	<2	N	N	20	100	10	700	N	70	30	100
132M1	2	N	N	30	150	10	300	N	50	30	70
133M1	2	N	N	30	300	10	500	N	50	70	70
134M1	2	N	N	30	70	10	700	N	70	30	150
135M1	<2	N	N	20	70	10	1,500	<10	200	20	150
136M1	2	N	N	20	50	<10	500	<10	50	20	100
137M1	<2	N	N	30	150	20	700	<10	300	50	150
138M1	<2	N	N	20	70	10	500	<10	200	10	150
139M1	2	N	N	30	150	10	1,000	N	100	50	150
140M1	<2	N	N	30	300	10	500	N	70	70	100
141M1	2	N	N	30	300	10	500	N	150	70	100

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
097M1	N	100	20	700	300	N	500	N	1,000	--
098M1	N	100	N	200	500	N	>500	N	1,500	--
099M1	N	100	N	500	300	N	>500	N	1,000	--
100M1	N	70	N	500	300	N	200	N	1,000	--
101M1	N	30	N	<200	300	N	>500	N	500	--
102M1	N	70	N	500	300	N	300	N	700	--
103M1	N	70	N	1,000	300	N	200	N	500	--
104M1	N	70	N	1,000	300	N	>500	N	500	--
105M1	N	50	N	300	300	N	500	N	700	--
106M1	N	50	N	500	200	N	300	N	500	--
107M1	N	50	N	700	200	N	>500	N	700	--
108M1	N	70	N	700	300	N	500	N	700	--
109M1	N	70	N	300	200	N	500	N	700	--
110M1	N	70	N	300	200	N	200	700	700	--
111M1	N	20	N	<200	150	N	300	N	300	--
112M1	N	20	N	200	100	N	150	500	150	--
113M1	N	30	N	200	200	N	200	1,000	300	--
114M1	N	30	N	200	200	N	150	1,500	500	--
115M1	N	30	N	200	150	N	300	1,000	500	--
116M1	N	30	N	200	150	N	150	1,000	300	--
117M1	N	>200	N	1,500	300	N	500	700	>2,000	--
118M1	N	30	N	200	150	N	100	1,000	200	--
119M1	N	50	N	200	200	N	150	N	300	--
120M1	N	30	N	<200	150	N	100	500	300	--
121M1	N	70	N	500	100	N	300	N	500	--
122M1	N	70	N	700	150	N	300	N	700	--
123M1	N	70	N	700	150	N	300	N	700	--
124M1	N	70	N	700	150	N	300	N	500	--
125M1	N	70	N	500	300	N	300	N	500	--
126M1	N	150	N	700	200	N	300	N	500	--
127M1	N	70	N	500	200	N	300	N	700	--
128M1	N	50	N	200	200	N	300	N	200	--
129M1	N	50	N	300	200	N	100	N	200	--
130M1	N	30	N	200	200	N	100	N	300	--
131M1	N	50	N	200	200	N	200	N	500	--
132M1	N	50	N	300	300	N	150	N	700	--
133M1	N	50	N	200	200	N	150	N	300	--
134M1	N	70	N	300	200	N	300	N	700	--
135M1	N	70	N	500	200	N	>500	N	700	--
136M1	N	150	N	700	200	N	200	N	200	--
137M1	N	70	N	500	300	N	300	N	1,000	--
138M1	N	200	N	1,000	300	N	200	N	500	--
139M1	N	100	N	1,000	300	N	200	N	500	--
140M1	N	100	N	700	300	N	300	N	700	--
141M1	N	100	N	700	300	N	200	N	500	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
142M1	35 46 54	105 43 45	10.0	5.00	10.00	.7	2,000	N	N	N	70	200
143M1	35 46 57	105 43 20	7.0	5.00	10.00	1.0	3,000	N	N	N	100	200
144M1	35 46 55	105 43 9	7.0	2.00	3.00	1.0	2,000	N	N	N	500	200
145M1	35 46 47	105 42 22	10.0	2.00	3.00	1.0	1,500	N	N	N	100	200
146M1	35 46 12	105 44 4	7.0	3.00	5.00	1.5	1,500	N	N	N	50	150
147M1	35 46 15	105 43 13	7.0	3.00	3.00	1.0	1,500	N	N	N	70	200
148M1	35 49 26	105 37 11	15.0	.70	.50	.7	1,000	N	N	N	70	150
149M1	35 49 21	105 37 7	15.0	.70	.70	1.0	1,500	N	N	N	150	150
150M1	35 48 54	105 37 11	15.0	1.50	2.00	.7	1,500	N	N	N	1,500	300
151M1	35 48 5	105 37 52	15.0	1.00	1.00	1.0	1,500	N	N	N	500	100
152M1	35 47 26	105 38 32	15.0	1.50	1.50	.7	1,500	N	N	N	100	150
153M1	35 47 22	105 38 32	10.0	5.00	5.00	.7	2,000	N	N	N	150	200
154M1	35 47 23	105 44 29	7.0	7.00	7.00	1.0	2,000	N	N	N	20	150
155M1	35 47 25	105 44 31	10.0	5.00	7.00	1.0	3,000	N	N	N	30	200
156M1	35 47 42	105 43 38	7.0	2.00	5.00	1.0	3,000	N	N	N	70	500
157M1	35 47 40	105 43 29	7.0	7.00	7.00	.7	2,000	N	N	N	20	200
158M1	35 47 46	105 43 24	7.0	1.50	5.00	1.5	3,000	N	N	N	50	700
159M1	35 47 43	105 42 30	15.0	1.50	2.00	2.0	1,500	N	N	N	700	500
160M1	35 47 38	105 42 35	10.0	7.00	3.00	.7	3,000	N	N	N	150	300
161M1	35 54 35	105 38 18	30.0	.50	.30	1.0	1,500	N	N	N	150	300
162M1	35 54 4	105 37 54	30.0	.70	.50	1.5	1,500	N	N	N	700	500
163M1	35 53 29	105 37 55	30.0	.50	.50	1.5	2,000	N	N	N	700	500
164M1	35 52 39	105 38 51	20.0	.70	.30	>2.0	500	N	N	N	2,000	300
165M1	35 52 37	105 38 48	20.0	.30	.30	1.5	700	N	N	N	1,000	300
166M1	35 52 33	105 38 52	.2	.20	.50	>2.0	100	N	N	N	100	200
167M1	35 52 15	105 39 9	3.0	.70	.50	>2.0	500	N	N	N	5,000	150
168M1	35 52 19	105 39 11	10.0	.30	.20	>2.0	1,000	N	N	N	2,000	200
170M1	35 50 36	105 39 25	15.0	.30	.30	2.0	700	N	N	N	1,000	500
171M1	35 56 48	105 31 44	20.0	.20	.20	.3	1,000	N	N	N	200	300
172M1	35 55 55	105 32 37	15.0	.20	.20	.5	1,000	N	N	N	300	300
173M1	35 55 35	105 33 2	20.0	.20	.20	.5	1,000	N	N	N	300	200
174M1	35 54 57	105 33 27	20.0	.20	.20	.7	1,000	N	N	N	300	300
175M1	35 54 6	105 34 18	20.0	.20	.20	.5	1,000	N	N	N	100	200
176M1	35 52 22	105 34 42	20.0	.20	.20	.7	1,000	N	N	N	100	200
177M1	35 54 47	105 38 56	15.0	.50	.20	1.5	1,000	N	N	N	1,000	150
178M1	36 1 23	105 31 48	20.0	.20	.20	.2	1,000	1.5	N	N	70	300
179M1	36 1 18	105 31 45	10.0	.70	1.50	2.0	300	N	N	N	700	500
180M1	36 1 13	105 31 40	20.0	.20	.20	.7	1,000	N	N	N	100	500
181M1	36 2 36	105 35 16	20.0	.30	.50	1.0	700	N	N	N	700	300
182M1	36 0 14	105 33 0	20.0	.50	1.00	1.5	1,500	N	N	N	50	500
183M1	36 0 14	105 32 54	20.0	.50	.70	1.5	1,000	N	N	N	100	500
184M1	36 1 0	105 33 17	20.0	.50	.50	2.0	1,000	N	N	N	100	500
185M1	36 1 19	105 33 22	20.0	.50	.50	1.5	1,500	N	N	N	300	300
186M1	36 1 41	105 33 42	15.0	.50	.50	1.5	2,000	N	N	N	200	300
187M1	36 2 10	105 34 44	20.0	.50	.70	1.0	1,500	N	N	N	200	300

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
142M1	<2	N	N	30	300	30	150	N	N	100	30
143M1	<2	N	N	30	300	30	50	N	<50	70	20
144M1	<2	N	N	30	200	30	100	N	N	70	50
145M1	<2	N	N	30	200	30	100	N	200	70	100
146M1	2	N	N	30	200	10	200	N	100	70	30
147M1	2	N	N	30	150	30	150	N	<50	70	30
148M1	7	N	N	30	150	30	500	N	50	70	50
149M1	7	N	N	30	150	30	200	N	<50	70	30
150M1	3	N	N	30	100	50	150	N	50	70	50
151M1	5	N	N	30	150	30	200	N	<50	70	20
152M1	5	N	N	30	150	30	100	N	N	70	20
153M1	2	N	N	30	200	30	100	N	N	70	20
154M1	2	N	N	30	700	15	300	N	70	150	30
155M1	2	N	N	30	300	10	500	N	70	100	70
156M1	2	N	N	30	200	15	300	N	70	70	50
157M1	<2	N	N	30	700	15	300	N	200	150	30
158M1	2	N	N	30	100	20	1,000	N	100	70	100
159M1	2	N	N	30	150	30	300	10	150	70	100
160M1	<2	N	N	30	300	30	300	N	N	100	30
161M1	5	N	N	30	150	500	50	70	20	150	150
162M1	5	N	N	30	150	150	150	20	50	150	150
163M1	5	N	N	30	150	200	150	30	70	150	150
164M1	5	N	N	30	200	300	200	15	70	150	150
165M1	5	N	N	30	150	150	150	15	30	100	150
166M1	2	N	N	10	150	<10	300	N	70	10	50
167M1	<2	N	N	30	150	50	500	N	150	70	100
168M1	2	N	N	30	150	100	300	20	200	70	100
170M1	2	N	N	30	100	100	200	30	50	70	100
171M1	5	N	N	30	70	70	<50	N	<50	70	50
172M1	5	N	N	30	70	70	70	N	<50	70	70
173M1	5	N	N	30	70	70	70	N	<50	70	50
174M1	5	N	N	30	70	70	70	N	50	70	70
175M1	3	N	N	30	70	50	70	N	N	70	70
176M1	3	N	N	30	100	50	200	N	<50	70	70
177M1	3	N	N	20	100	100	200	20	70	70	100
178M1	2	N	N	70	30	200	70	20	<50	300	150
179M1	<2	N	N	30	50	10	1,500	10	100	20	100
180M1	3	N	N	50	70	150	300	30	<50	150	100
181M1	3	N	N	30	50	100	150	15	70	100	150
182M1	2	N	N	30	70	100	100	10	200	150	100
183M1	5	N	N	50	70	150	300	30	50	150	150
184M1	5	N	N	30	100	100	300	15	50	150	100
185M1	5	N	N	30	70	150	150	20	50	100	150
186M1	5	N	N	30	100	100	200	30	50	100	100
187M1	7	N	N	30	70	100	200	15	50	100	150

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
142M1	N	70	N	200	300	N	70	N	300	--
143M1	N	70	N	N	300	N	70	N	200	--
144M1	N	50	N	200	300	N	100	N	200	--
145M1	N	30	N	200	300	N	70	N	200	--
146M1	N	70	N	500	300	N	100	N	500	--
147M1	N	30	N	500	300	N	70	N	500	--
148M1	N	20	N	N	200	N	150	500	500	--
149M1	N	20	N	<200	150	N	150	700	300	--
150M1	N	30	N	200	200	N	150	N	700	--
151M1	N	20	N	N	200	N	100	700	500	--
152M1	N	30	N	N	200	N	150	500	300	--
153M1	N	50	N	200	300	N	70	N	200	--
154M1	N	70	N	300	300	N	100	N	200	--
155M1	N	70	N	700	300	N	200	N	500	--
156M1	N	70	N	700	300	N	150	N	500	--
157M1	N	70	N	500	300	N	150	N	150	--
158M1	N	70	N	700	200	N	300	N	700	--
159M1	N	70	N	700	300	N	150	N	700	--
160M1	N	70	N	500	300	N	150	N	200	--
161M1	N	30	N	200	200	N	100	500	500	--
162M1	N	30	N	200	200	N	500	700	500	--
163M1	N	30	N	300	200	N	300	500	700	--
164M1	N	50	N	700	200	N	500	N	1,000	--
165M1	N	30	N	500	150	N	200	N	700	--
166M1	N	20	N	1,500	150	N	150	N	>2,000	--
167M1	N	30	N	200	150	N	>1,000	500	1,000	--
168M1	N	30	N	200	200	N	300	500	700	--
170M1	N	30	N	300	150	N	150	500	700	--
171M1	N	20	N	N	150	N	150	700	200	--
172M1	N	20	N	N	150	N	70	500	300	--
173M1	N	20	N	N	150	N	300	500	300	--
174M1	N	20	N	<200	150	N	150	500	300	--
175M1	N	20	N	N	100	N	70	500	200	--
176M1	N	30	N	<200	100	N	100	500	300	--
177M1	N	30	20	300	150	N	70	<500	1,000	--
178M1	N	10	N	N	50	N	70	1,000	100	--
179M1	N	30	N	N	70	N	>1,000	N	2,000	--
180M1	N	20	N	<200	70	N	300	1,000	500	--
181M1	N	30	N	200	100	N	>1,000	500	1,000	--
182M1	N	30	N	200	70	<100	300	500	700	--
183M1	N	20	N	<200	70	<100	300	1,000	500	--
184M1	N	30	N	200	100	N	300	1,000	700	--
185M1	N	30	N	200	100	N	300	1,000	700	--
186M1	N	30	N	<200	150	N	300	700	500	--
187M1	N	20	N	200	100	N	500	1,000	500	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
188M1	35 59 5	105 34 38	20.0	.50	.70	2.0	1,000	N	N	N	300	300
189M1	35 59 5	105 34 30	20.0	.50	.50	1.5	1,000	<1.0	N	N	500	300
191M1	35 59 34	105 34 44	15.0	.50	.20	1.5	1,500	N	N	N	300	500
192M1	35 59 54	105 34 37	20.0	.50	.70	2.0	1,000	N	N	N	500	500
193M1	36 0 9	105 34 31	20.0	.50	.50	2.0	1,000	1.0	N	N	500	500
194M1	36 1 48	105 34 26	30.0	.30	.30	1.0	1,000	N	N	N	100	300
232M1	35 57 52	105 45 25	10.0	2.00	3.00	1.0	1,500	N	N	N	200	200
233M1	35 58 11	105 46 11	10.0	2.00	2.00	1.0	1,500	N	N	N	200	200
234M1	35 58 14	105 46 12	7.0	3.00	1.50	.7	1,000	N	N	N	100	500
235M1	35 58 22	105 46 38	7.0	2.00	2.00	.7	2,000	N	N	N	300	500
236M1	35 58 35	105 47 29	10.0	2.00	2.00	1.0	1,000	N	N	N	150	500
237M1	35 58 51	105 48 2	7.0	2.00	1.50	.5	1,500	N	N	N	100	500
238M1	35 58 46	105 48 25	10.0	2.00	2.00	1.0	1,500	N	N	N	300	200
239M1	35 58 44	105 48 21	7.0	2.00	2.00	1.0	1,500	N	N	N	100	500
240M1	35 56 10	105 30 49	15.0	.50	.20	.7	1,500	N	N	N	50	300
241M1	35 55 6	105 30 47	10.0	.70	.20	1.5	5,000	N	N	N	200	100
242M1	35 54 16	105 30 50	10.0	.70	<.10	1.0	1,000	N	N	N	500	300
245M1	35 53 37	105 31 46	10.0	1.00	.10	2.0	1,500	N	N	N	5,000	200
246M1	35 57 7	105 29 53	15.0	.50	.15	1.0	1,000	N	N	N	700	200
247M1	35 56 52	105 29 59	15.0	.50	<.10	.7	1,000	N	N	N	500	300
248M1	35 56 19	105 30 32	15.0	.50	<.10	.2	1,500	N	N	N	50	100
249M1	35 56 15	105 30 37	20.0	.50	.10	.3	1,500	N	N	N	50	100
250M1	35 55 52	105 31 1	20.0	.50	.10	.3	1,000	N	N	N	70	300
251M1	35 54 46	105 30 45	10.0	1.00	.20	2.0	5,000	N	N	N	1,000	150
252M1	35 54 22	105 30 55	10.0	.70	.20	.7	7,000	N	N	N	30	150
253M1	35 53 53	105 31 38	10.0	.50	.10	.5	1,000	N	N	N	50	300
254M1	35 53 40	105 31 46	10.0	.70	.10	.2	1,500	N	N	N	30	150
255M1	35 50 32	105 51 40	7.0	2.00	2.00	.7	1,500	N	N	N	<20	200
256M1	35 48 45	105 45 56	7.0	2.00	2.00	.7	1,500	N	N	N	<20	200
257M1	35 48 47	105 46 3	7.0	1.00	2.00	.7	1,500	N	N	N	20	500
258M1	35 48 57	105 46 8	7.0	1.00	3.00	1.5	2,000	N	N	N	50	300
259M1	35 49 12	105 46 47	5.0	1.00	3.00	1.5	2,000	N	N	N	<20	500
260M1	35 49 17	105 47 1	5.0	1.00	2.00	1.5	2,000	N	N	N	20	500
261M1	35 49 8	105 47 8	5.0	2.00	2.00	.5	1,500	N	N	N	20	500
262M1	35 49 14	105 47 37	5.0	2.00	2.00	1.0	2,000	N	N	N	70	500
263M1	35 49 53	105 48 49	5.0	2.00	2.00	1.0	1,500	N	N	N	20	500
264M1	35 49 47	105 48 47	5.0	1.50	2.00	1.0	2,000	N	N	N	<20	500
265M1	35 49 55	105 49 42	5.0	1.50	3.00	1.0	1,000	N	N	N	<20	300
266M1	35 50 36	105 50 47	5.0	1.50	2.00	1.0	1,000	N	N	N	<20	300
267M1	35 50 40	105 50 45	5.0	1.00	2.00	1.5	2,000	N	N	N	70	700
268M1	35 50 59	105 46 32	5.0	2.00	3.00	1.0	2,000	N	N	N	20	200
269M1	35 50 20	105 47 12	5.0	1.00	2.00	>2.0	1,500	N	N	N	<20	500
270M1	35 50 15	105 47 9	5.0	1.00	2.00	2.0	2,000	N	N	N	<20	300
271M1	35 51 5	105 49 33	5.0	1.00	2.00	1.5	1,500	N	N	N	<20	500
272M1	35 51 11	105 49 34	5.0	1.00	2.00	2.0	1,500	N	N	N	20	300

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
188M1	2	N	N	50	70	150	300	20	70	150	150
189M1	3	N	N	50	50	150	200	20	50	150	100
191M1	3	N	N	30	50	150	100	20	50	150	150
192M1	5	N	N	30	70	150	300	20	100	150	150
193M1	5	N	N	30	100	100	300	15	150	150	150
194M1	3	N	N	30	70	150	100	20	<50	100	100
232M1	<2	N	N	30	200	10	500	N	100	70	70
233M1	<2	N	N	30	200	15	1,000	N	200	100	200
234M1	2	N	N	30	300	10	1,000	N	70	150	70
235M1	<2	N	N	20	200	15	1,000	N	<50	100	70
236M1	<2	N	N	30	200	15	700	N	100	100	100
237M1	<2	N	N	30	150	10	200	N	<50	70	30
238M1	2	N	N	30	200	10	2,000	N	100	100	150
239M1	<2	N	N	30	150	10	300	N	<50	100	30
240M1	5	N	N	30	70	50	50	N	<50	100	70
241M1	3	<20	N	30	70	<10	1,000	N	50	30	70
242M1	2	N	N	30	100	30	200	N	<50	70	100
245M1	3	N	N	30	100	15	200	N	50	50	100
246M1	5	N	N	30	100	30	200	N	50	70	70
247M1	5	N	N	30	150	30	150	N	50	70	70
248M1	3	N	N	20	100	20	50	N	<50	70	70
249M1	5	N	N	30	100	30	100	N	<50	100	70
250M1	5	N	N	30	100	50	100	N	<50	100	70
251M1	3	<20	N	30	100	10	1,000	N	50	20	100
252M1	3	N	N	30	70	20	150	N	<50	50	30
253M1	3	N	N	30	70	30	100	N	<50	50	50
254M1	7	N	N	30	70	20	70	N	<50	50	30
255M1	<2	N	N	30	100	30	70	N	<50	50	20
256M1	<2	N	N	20	200	10	500	N	50	70	50
257M1	2	N	N	20	200	<10	500	N	50	30	70
258M1	<2	N	N	20	200	10	200	<10	100	20	70
259M1	<2	N	N	10	150	10	300	<10	100	10	70
260M1	2	N	N	20	150	<10	300	<10	70	10	50
261M1	<2	N	N	30	200	<10	700	N	<50	100	50
262M1	<2	N	N	20	300	10	>2,000	N	<50	70	150
263M1	<2	N	N	20	200	50	300	N	50	50	50
264M1	<2	N	N	20	200	10	1,500	N	150	30	150
265M1	<2	N	N	20	200	10	1,000	N	50	30	70
266M1	<2	N	N	30	200	15	300	N	<50	30	50
267M1	<2	N	N	20	200	15	1,500	N	50	30	100
268M1	<2	N	N	30	200	10	300	N	100	50	50
269M1	<2	N	N	20	700	10	1,000	N	100	<10	100
270M1	<2	N	N	30	700	10	1,000	N	150	15	150
271M1	<2	N	N	30	150	30	>2,000	N	50	10	200
272M1	<2	N	N	20	150	15	>2,000	N	150	10	300

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
188M1	N	30	N	200	100	N	500	1,000	500	--
189M1	N	20	N	200	70	N	700	700	500	--
191M1	N	20	N	200	70	<100	150	1,000	500	--
192M1	N	30	N	200	100	<100	>1,000	500	700	--
193M1	N	30	N	<200	100	N	>1,000	500	1,000	--
194M1	N	20	N	N	70	N	150	500	200	--
232M1	N	70	30	500	150	N	500	N	700	--
233M1	N	50	20	300	150	N	>1,000	N	700	--
234M1	N	50	20	300	150	N	500	N	300	--
235M1	N	50	N	500	150	N	200	N	300	--
236M1	N	50	20	500	150	N	500	N	300	--
237M1	N	30	N	500	150	N	70	N	200	--
238M1	N	50	20	500	150	N	>1,000	N	500	--
239M1	N	50	N	500	150	N	200	N	200	--
240M1	N	20	N	<200	100	N	150	700	300	--
241M1	N	30	N	N	100	N	200	500	200	--
242M1	N	30	N	300	150	N	100	<500	300	--
245M1	N	30	N	<200	100	N	100	1,000	300	--
246M1	N	20	N	200	100	N	150	700	300	--
247M1	N	30	N	200	150	N	500	1,000	300	--
248M1	N	15	N	N	100	N	70	500	150	--
249M1	N	20	N	<200	100	N	70	700	300	--
250M1	N	30	N	N	100	N	100	700	300	--
251M1	N	30	N	N	100	N	150	<500	300	--
252M1	N	50	N	N	70	N	100	500	200	--
253M1	N	20	N	<200	70	N	70	<500	300	--
254M1	N	20	N	N	50	N	50	700	150	--
255M1	N	30	N	200	100	N	100	<500	200	--
256M1	N	50	N	500	150	N	100	N	200	--
257M1	N	50	N	500	150	N	200	N	200	--
258M1	N	100	N	700	150	N	100	N	200	--
259M1	N	70	N	1,000	150	N	70	N	200	--
260M1	N	50	N	500	100	N	150	N	300	--
261M1	N	30	N	300	100	N	500	N	200	--
262M1	N	30	N	500	100	N	500	N	300	--
263M1	N	30	N	300	150	N	100	N	300	--
264M1	N	50	N	500	100	N	500	N	300	--
265M1	N	50	N	500	150	N	200	N	300	--
266M1	N	50	N	300	150	N	300	N	200	--
267M1	N	30	N	200	100	N	500	N	500	--
268M1	N	50	N	300	150	N	150	N	500	--
269M1	N	50	N	300	100	N	200	N	500	--
270M1	N	50	N	500	100	N	300	N	700	--
271M1	N	30	N	<200	100	N	500	N	700	--
272M1	N	30	N	<200	100	N	700	N	700	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
273M1	35 51 13	105 49 45	5.0	1.00	1.00	2.0	5,000	1.5	N	N	<20	500
274M1	35 50 54	105 50 7	5.0	2.00	1.50	1.0	1,500	N	N	N	<20	200
275M1	35 51 30	105 46 47	5.0	2.00	5.00	1.0	2,000	N	N	N	<20	100
276M1	35 51 33	105 46 42	7.0	1.50	3.00	1.5	3,000	N	N	N	70	300
277M1	35 51 40	105 46 51	5.0	.70	3.00	1.5	1,500	N	N	N	<20	300
278M1	35 51 47	105 47 2	5.0	.70	3.00	2.0	2,000	N	N	N	<20	150
279M1	35 52 5	105 47 37	3.0	.70	3.00	>2.0	1,500	N	N	N	20	200
280M1	35 51 54	105 47 45	3.0	.70	2.00	1.0	1,000	N	N	N	20	700
281M1	35 51 33	105 48 34	3.0	.70	2.00	2.0	1,000	N	N	N	30	500
282M1	35 52 11	105 45 34	10.0	3.00	5.00	.7	1,000	N	N	N	20	500
283M1	35 51 22	105 49 21	3.0	.70	2.00	1.5	1,500	N	N	N	<20	300
284M1	35 53 42	105 31 52	10.0	.50	1.00	.3	700	N	N	N	1,000	150
285M1	35 53 17	105 32 0	10.0	.20	.10	1.0	700	N	N	N	500	200
286M1	35 53 15	105 33 1	15.0	.20	.20	1.0	700	N	N	N	1,000	200
287M1	35 52 8	105 32 52	7.0	.20	.50	1.0	3,000	N	N	N	150	1,000
288M1	35 52 11	105 32 57	20.0	.50	1.50	1.0	700	N	N	N	70	200
289M1	35 52 3	105 32 51	10.0	1.00	2.00	1.0	1,000	N	N	N	70	300
290M1	35 52 1	105 33 17	15.0	1.50	1.50	.7	1,000	N	N	N	70	150
291M1	35 52 17	105 33 54	10.0	1.00	1.50	1.0	1,500	N	N	N	150	150
292M1	35 52 21	105 33 57	10.0	.50	.20	.7	1,000	N	N	N	200	150
293M1	35 51 52	105 34 47	7.0	3.00	2.00	1.0	1,500	N	N	N	70	100
294M1	35 51 21	105 35 11	15.0	.30	1.00	.5	1,000	N	N	N	150	300
295M1	35 51 18	105 35 27	15.0	.30	.50	.7	1,000	N	N	N	70	300
296M1	35 50 22	105 32 39	10.0	.50	1.50	.7	1,500	N	N	N	300	300
297M1	35 49 48	105 32 55	10.0	.20	.20	2.0	700	N	N	N	700	200
298M1	35 49 53	105 32 58	15.0	.20	.20	.7	1,000	N	N	N	200	300
299M1	35 49 19	105 33 28	15.0	.30	.30	.5	1,000	N	N	N	70	300
300M1	35 49 15	105 33 26	10.0	2.00	2.00	.5	1,500	N	N	N	1,500	200
301M1	35 48 54	105 34 15	10.0	2.00	2.00	.7	1,500	N	N	N	200	200
302M1	35 48 10	105 34 53	10.0	2.00	3.00	.5	1,500	N	N	N	300	200
303M1	35 48 0	105 35 51	15.0	1.00	1.50	.7	1,500	N	N	N	150	300
304M1	35 47 39	105 33 32	15.0	1.00	1.50	.5	2,000	N	N	N	700	300
305M1	35 47 42	105 33 24	7.0	2.00	2.00	.5	1,500	1.0	N	N	100	300
306M1	35 48 1	105 33 44	7.0	2.00	2.00	.5	1,500	N	N	N	500	300
307M1	35 48 4	105 34 50	7.0	3.00	3.00	.5	1,500	N	N	N	500	300
308M1	35 47 55	105 35 28	7.0	2.00	2.00	.3	1,500	N	N	N	100	200
309M1	35 44 54	105 46 40	7.0	2.00	5.00	.5	1,000	N	N	N	N	<50
310M1	35 44 57	105 46 36	5.0	2.00	5.00	1.0	1,500	N	N	N	20	150
311M1	35 44 44	105 46 32	7.0	3.00	5.00	1.5	1,000	N	N	N	<20	100
312M1	35 44 25	105 47 5	5.0	1.50	5.00	1.0	1,000	N	N	N	100	150
313M1	35 43 50	105 47 30	5.0	1.00	5.00	1.0	1,000	N	N	N	20	100
314M1	35 43 52	105 47 23	5.0	2.00	5.00	.5	1,000	N	N	N	<20	150
315M1	35 43 39	105 47 30	7.0	1.50	5.00	1.0	1,000	N	N	N	<20	100
316M1	35 43 19	105 47 53	7.0	2.00	5.00	1.0	1,000	N	N	N	<20	150
317M1	35 43 12	105 47 53	7.0	3.00	5.00	.7	1,000	N	N	N	N	100

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
273M1	<2	N	N	30	150	30	>2,000	N	100	20	200
274M1	2	N	N	30	100	30	300	N	100	30	30
275M1	<2	N	N	30	150	10	700	N	150	50	70
276M1	2	N	N	30	200	<10	1,000	N	<50	50	70
277M1	<2	N	N	20	150	10	2,000	N	70	10	150
278M1	<2	N	N	30	100	10	>2,000	N	500	20	300
279M1	<2	N	N	30	300	10	2,000	N	70	20	150
280M1	<2	N	N	20	150	<10	1,500	N	50	30	100
281M1	<2	N	N	20	150	<10	2,000	N	50	20	150
282M1	<2	N	N	30	200	15	300	N	<50	70	30
283M1	<2	N	N	20	150	10	2,000	N	70	20	150
284M1	2	N	N	20	70	100	200	15	<50	50	50
285M1	2	N	N	30	150	30	200	N	<50	70	50
286M1	3	N	N	30	200	30	100	N	<50	70	50
287M1	3	N	N	30	200	20	300	N	70	70	70
288M1	2	N	N	20	200	20	700	N	70	50	50
289M1	2	N	N	30	300	10	300	<10	70	70	20
290M1	<2	N	N	30	300	10	300	N	50	100	20
291M1	2	N	N	30	300	15	500	N	<50	70	20
292M1	7	N	N	30	150	30	70	N	<50	50	20
293M1	<2	N	N	30	300	10	300	N	100	100	30
294M1	3	N	N	20	200	30	150	N	<50	70	70
295M1	3	N	N	20	150	20	200	N	<50	70	50
296M1	2	N	N	30	100	50	300	N	<50	70	70
297M1	2	N	N	30	150	20	700	N	100	70	70
298M1	3	N	N	30	100	30	500	N	<50	70	50
299M1	5	N	N	30	100	30	150	N	<50	70	50
300M1	3	N	N	30	100	50	70	N	<50	70	50
301M1	<2	N	N	30	150	20	70	N	70	70	20
302M1	<2	N	N	30	150	30	100	N	<50	100	20
303M1	2	N	N	30	200	50	150	N	<50	100	100
304M1	7	N	N	30	100	50	100	N	70	100	70
305M1	2	N	N	30	150	30	70	<10	<50	70	30
306M1	2	N	N	30	100	30	50	N	<50	70	20
307M1	2	N	N	30	150	30	50	N	<50	70	20
308M1	<2	N	N	30	150	20	<50	N	<50	70	30
309M1	<2	N	N	20	100	<10	500	N	<50	70	50
310M1	<2	N	N	30	100	10	300	N	100	70	70
311M1	<2	N	N	30	150	20	100	10	<50	70	50
312M1	<2	N	N	20	100	<10	300	N	<50	50	70
313M1	<2	N	N	20	50	<10	1,000	<10	100	70	70
314M1	<2	N	N	30	100	10	200	N	<50	70	30
315M1	<2	N	N	30	70	15	500	N	50	50	30
316M1	<2	N	N	30	100	20	700	N	100	70	50
317M1	<2	N	N	30	100	10	150	N	<50	70	30

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
273M1	N	30	N	<200	100	N	>1,000	N	700	--
274M1	N	30	N	200	150	N	70	N	300	--
275M1	N	50	N	200	150	N	200	N	200	--
276M1	N	50	N	200	150	N	500	N	500	--
277M1	N	50	N	500	100	N	700	N	500	--
278M1	N	30	N	<200	100	N	>1,000	N	700	--
279M1	N	70	N	500	100	N	700	N	500	--
280M1	N	50	N	200	100	N	500	N	500	--
281M1	N	50	N	200	100	N	500	N	500	--
282M1	N	50	N	200	200	N	200	N	500	--
283M1	N	50	N	300	100	N	700	N	500	--
284M1	N	20	N	N	100	N	70	<500	100	--
285M1	N	20	N	200	150	N	70	<500	500	--
286M1	N	30	N	<200	100	N	70	<500	500	--
287M1	N	30	N	<200	150	N	150	<500	700	--
288M1	N	30	N	200	200	N	300	N	700	--
289M1	N	50	N	200	200	N	200	N	700	--
290M1	N	50	N	<200	500	N	150	N	700	--
291M1	N	30	N	200	150	N	150	500	500	--
292M1	N	15	N	N	70	N	50	700	200	--
293M1	N	50	20	<200	100	N	300	N	700	--
294M1	N	30	N	300	100	N	70	500	200	--
295M1	N	30	N	200	100	N	150	<500	300	--
296M1	N	30	N	200	150	<100	100	700	500	--
297M1	N	30	N	200	150	<100	500	500	700	--
298M1	N	20	N	N	100	N	500	500	300	--
299M1	N	30	N	N	100	N	200	700	200	--
300M1	N	30	N	200	150	<100	200	<500	150	--
301M1	N	30	N	<200	100	N	100	<500	500	--
302M1	N	30	N	<200	150	N	50	<500	150	--
303M1	N	30	N	<200	100	N	100	500	300	--
304M1	N	30	N	<200	100	N	200	<500	500	--
305M1	N	30	N	200	150	N	70	<500	300	--
306M1	N	30	N	200	150	N	50	<500	100	--
307M1	N	30	N	200	150	N	30	<500	100	--
308M1	N	30	N	200	150	N	30	N	100	--
309M1	N	50	N	500	150	N	1,000	N	150	--
310M1	N	50	N	700	150	N	150	N	200	--
311M1	N	50	N	700	150	N	100	N	100	--
312M1	N	50	N	1,000	150	N	70	N	200	--
313M1	N	70	N	700	150	N	150	N	300	--
314M1	N	50	N	700	150	N	70	N	150	--
315M1	N	50	N	700	150	N	70	N	300	--
316M1	N	50	N	700	150	N	150	N	200	--
317M1	N	50	N	500	150	N	70	N	200	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
318M1	35 47 13	105 31 30	7.0	2.00	5.00	.5	1,500	N	N	N	500	100
319M1	35 47 11	105 31 36	7.0	2.00	5.00	.5	1,500	N	N	N	1,500	100
320M1	35 47 1	105 31 27	7.0	3.00	5.00	.5	1,500	N	N	N	1,000	100
321M1	35 46 56	105 31 31	7.0	3.00	5.00	.5	1,500	N	N	N	500	200
322M1	35 46 44	105 31 19	7.0	3.00	5.00	.7	1,500	N	N	N	200	150
323M1	35 46 42	105 31 8	7.0	3.00	5.00	.7	1,500	N	N	N	1,000	150
324M1	35 46 46	105 30 53	5.0	2.00	5.00	.7	1,500	N	N	N	70	150
325M1	35 46 34	105 30 36	7.0	3.00	5.00	.7	1,500	N	N	N	200	200
326M1	35 46 40	105 30 27	7.0	2.00	5.00	.7	1,000	N	N	N	1,000	150
327M1	35 46 44	105 30 13	7.0	2.00	5.00	.7	1,000	N	N	N	700	150
328M1	35 46 35	105 30 16	5.0	2.00	5.00	.7	2,000	N	N	N	150	200
329M1	35 46 37	105 29 24	7.0	3.00	5.00	.7	1,500	N	N	N	N	200
330M1	35 46 34	105 29 25	5.0	2.00	5.00	.7	1,500	N	N	N	300	150
331M1	35 48 18	105 30 34	7.0	2.00	5.00	.7	1,500	N	N	N	200	500
332M1	35 48 14	105 30 35	7.0	3.00	5.00	.5	1,500	N	N	N	150	500
333M1	35 47 52	105 29 55	20.0	.70	.50	.5	700	N	N	N	500	200
334M1	35 47 21	105 27 46	7.0	3.00	5.00	.5	1,000	N	N	N	300	300
335M1	35 52 41	105 30 9	7.0	2.00	1.50	1.0	1,500	N	N	N	700	300
336M1	35 52 35	105 29 52	7.0	1.50	2.00	1.0	1,500	N	N	N	1,000	500
337M1	35 51 38	105 30 58	7.0	1.00	3.00	1.0	1,500	N	N	N	100	300
338M1	35 51 18	105 30 53	7.0	1.50	5.00	.2	1,000	N	N	N	200	200
339M1	35 51 16	105 30 29	5.0	2.00	5.00	.5	1,000	N	N	N	700	200
340M1	35 49 1	105 30 49	5.0	5.00	5.00	.5	1,000	N	N	N	100	300
341M1	35 48 47	105 29 5	5.0	5.00	5.00	.5	1,000	N	N	N	100	200
342M1	35 48 49	105 28 55	10.0	3.00	3.00	.3	1,000	N	N	N	100	200
343M1	35 48 54	105 28 45	15.0	1.00	1.50	.3	1,000	N	N	N	150	300
344M1	35 49 0	105 28 36	1.0	.20	5.00	2.0	200	N	N	N	20	1,000
345M1	35 49 6	105 28 37	5.0	3.00	5.00	.3	1,000	N	N	N	100	200
346M1	35 50 20	105 31 1	5.0	3.00	5.00	.3	1,000	N	N	N	150	300
347M1	35 50 13	105 30 59	7.0	3.00	5.00	.7	1,500	N	N	N	100	500
348M1	35 50 22	105 30 44	7.0	3.00	5.00	.7	1,000	N	N	N	100	200
349M1	35 50 24	105 30 24	7.0	2.00	5.00	.3	1,000	N	N	N	700	200
350M1	35 49 26	105 31 6	5.0	5.00	5.00	.7	1,000	N	N	N	<20	300
351M1	35 49 30	105 31 8	7.0	5.00	5.00	.7	1,000	N	N	N	150	300
352M1	35 49 33	105 30 52	5.0	5.00	5.00	.7	1,000	N	N	N	50	300
353M1	35 49 25	105 29 46	5.0	7.00	5.00	.7	1,000	N	N	N	70	300
354M1	35 46 36	105 29 6	7.0	5.00	5.00	.5	1,500	N	N	N	200	200
355M1	35 46 36	105 28 54	7.0	3.00	5.00	.7	1,000	N	N	N	200	150
356M1	35 46 33	105 28 17	10.0	2.00	2.00	.5	1,000	N	N	N	50	200
357M1	35 46 21	105 27 56	10.0	1.00	2.00	.5	1,000	N	N	N	50	200
358M1	35 46 8	105 27 31	5.0	2.00	5.00	1.0	1,000	N	N	N	50	200
359M1	35 46 27	105 28 32	15.0	1.50	2.00	.7	700	N	N	N	500	150
360M1	35 46 26	105 28 28	7.0	2.00	2.00	.5	1,000	N	N	N	100	200
361M1	35 45 43	105 27 9	5.0	3.00	3.00	.7	1,000	N	N	N	N	200
362M1	35 45 39	105 26 59	5.0	2.00	2.00	.7	1,000	N	N	N	100	150

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
318M1	2	N	N	30	150	100	<50	N	N	70	50
319M1	2	N	N	30	100	20	<50	N	N	50	<20
320M1	<2	N	N	30	70	50	200	N	N	50	20
321M1	<2	N	N	30	100	15	<50	N	N	50	<20
322M1	2	N	N	30	150	20	<50	N	N	70	<20
323M1	2	N	N	30	100	30	<50	N	N	70	<20
324M1	<2	N	N	30	70	30	<50	N	N	50	<20
325M1	<2	N	N	30	100	30	<50	N	N	70	20
326M1	<2	N	N	30	150	30	<50	N	N	70	20
327M1	2	N	N	30	100	50	<50	N	N	50	20
328M1	<2	N	N	30	100	50	<50	N	N	50	20
329M1	<2	N	N	30	150	20	100	N	<50	70	50
330M1	<2	N	N	30	100	20	<50	N	N	50	20
331M1	2	N	N	30	200	30	150	N	<50	100	30
332M1	3	N	N	30	300	20	100	N	<50	150	20
333M1	5	N	N	30	100	70	100	N	<50	100	70
334M1	2	N	N	30	200	15	100	<10	N	100	20
335M1	<2	N	N	30	100	<10	500	N	N	70	20
336M1	<2	N	N	30	100	10	150	N	<50	70	30
337M1	2	N	N	20	50	20	70	10	<50	20	50
338M1	2	N	N	20	100	10	<50	N	N	50	50
339M1	2	N	N	30	150	<10	100	N	<50	70	30
340M1	2	N	N	30	200	20	100	N	<50	100	20
341M1	<2	N	N	30	200	10	70	N	<50	100	<20
342M1	2	N	N	30	150	50	70	20	<50	100	50
343M1	3	N	N	<10	100	70	100	30	<50	100	70
344M1	<2	N	N	30	50	N	200	N	<50	10	20
345M1	<2	N	N	30	150	10	70	N	<50	100	20
346M1	<2	N	N	30	150	15	70	N	<50	70	<20
347M1	2	N	N	30	200	15	100	<10	<50	100	30
348M1	2	N	N	30	300	10	100	N	<50	70	30
349M1	2	N	N	30	300	<10	200	N	<50	100	50
350M1	2	N	N	30	200	15	100	N	<50	150	20
351M1	2	N	N	30	300	30	100	N	<50	150	30
352M1	2	N	N	30	200	20	100	N	<50	150	30
353M1	2	N	N	30	300	20	100	N	<50	150	20
354M1	2	N	N	30	150	50	50	N	<50	70	30
355M1	2	N	N	30	100	10	50	N	<50	50	20
356M1	2	N	N	30	70	50	100	N	<50	50	50
357M1	2	N	N	30	150	20	100	N	<50	70	50
358M1	<2	N	N	30	100	50	200	<10	50	50	30
359M1	3	N	N	30	150	50	150	N	<50	70	70
360M1	2	N	N	30	100	30	70	N	<50	50	30
361M1	<2	N	N	30	150	15	50	N	<50	70	30
362M1	<2	N	N	30	100	20	50	N	100	50	50

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
318M1	N	50	N	200	200	N	50	N	150	--
319M1	N	50	N	<200	200	N	50	N	150	--
320M1	N	30	N	<200	200	N	70	N	100	--
321M1	N	30	N	<200	200	N	70	N	100	--
322M1	N	50	N	<200	300	N	50	N	100	--
323M1	N	50	N	200	200	N	30	N	100	--
324M1	N	30	N	200	200	N	50	N	100	--
325M1	N	50	N	200	200	N	50	N	100	--
326M1	N	50	N	200	200	N	50	N	100	--
327M1	N	30	N	<200	200	N	30	N	100	--
328M1	N	50	N	200	200	N	50	500	150	--
329M1	N	50	N	200	200	N	70	N	150	--
330M1	N	50	N	200	200	N	50	N	100	--
331M1	N	50	N	300	200	N	70	N	300	--
332M1	N	50	N	500	150	N	50	N	500	--
333M1	N	30	N	200	150	N	300	700	200	--
334M1	N	50	N	300	200	N	50	N	100	--
335M1	N	30	N	<200	200	N	100	N	200	--
336M1	N	30	N	200	200	N	70	N	300	--
337M1	N	50	N	500	200	N	70	N	200	--
338M1	N	30	N	300	150	N	50	N	150	--
339M1	N	30	N	500	150	N	70	N	150	--
340M1	N	50	N	500	150	N	50	N	200	--
341M1	N	50	N	500	150	N	50	N	100	--
342M1	N	30	N	200	150	N	50	<500	200	--
343M1	N	20	N	200	100	N	70	500	150	--
344M1	N	20	N	1,000	150	<100	100	N	>2,000	--
345M1	N	30	N	500	150	N	50	N	100	--
346M1	N	30	N	300	150	N	50	N	200	--
347M1	N	50	N	700	150	N	70	N	200	--
348M1	N	50	N	500	200	N	70	N	200	--
349M1	N	50	N	1,000	200	N	70	N	200	--
350M1	N	30	N	300	200	N	50	N	200	--
351M1	N	50	N	500	200	N	70	N	200	--
352M1	N	50	N	500	200	N	70	N	300	--
353M1	N	50	N	500	200	N	70	<500	150	--
354M1	N	50	N	500	200	N	50	<500	200	--
355M1	N	30	N	300	300	N	50	N	100	--
356M1	N	30	N	200	200	N	70	N	500	--
357M1	N	30	N	300	150	N	200	N	300	--
358M1	N	30	N	500	150	N	70	N	200	--
359M1	N	30	N	200	200	N	200	500	300	--
360M1	N	30	N	200	150	N	50	N	100	--
361M1	N	50	N	200	150	N	70	N	150	--
362M1	N	50	N	200	200	N	50	N	150	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
363M1	35 46 28	105 26 50	5.0	3.00	2.00	.7	1,000	N	N	N	150	200
364M1	35 45 40	105 26 53	7.0	3.00	3.00	.7	1,000	N	N	N	150	200
365M1	35 44 12	105 26 13	7.0	2.00	2.00	.5	1,000	N	N	N	100	150
366M1	35 45 2	105 26 46	5.0	2.00	2.00	.7	1,000	N	N	N	70	150
367M1	35 57 30	105 29 6	5.0	2.00	1.50	1.0	1,000	N	N	N	70	500
368M1	35 57 34	105 29 9	7.0	.70	1.50	1.0	1,000	N	N	N	50	700
369M1	35 58 29	105 29 20	7.0	1.00	2.00	.7	1,500	N	N	N	70	700
370M1	35 58 34	105 29 21	10.0	.50	.50	.5	1,500	N	N	N	70	500
371M1	35 58 54	105 29 23	10.0	.50	.50	.7	1,000	N	N	N	150	700
372M1	35 58 34	105 30 34	15.0	.50	.50	.5	1,500	N	N	N	100	500
373M1	35 58 31	105 30 29	10.0	.50	.20	2.0	700	N	N	N	150	1,000
374M1	35 59 33	105 30 26	20.0	.50	.20	.7	1,500	N	N	N	100	700
375M1	35 59 30	105 30 26	20.0	.50	.30	.2	1,500	N	N	N	100	700
376M1	35 59 42	105 29 59	20.0	.20	.20	.5	1,500	N	N	N	70	1,000
377M1	35 59 54	105 29 30	15.0	.20	.20	.7	1,500	N	N	N	100	700
378M1	35 59 44	105 28 54	20.0	.20	.20	.5	1,500	N	N	N	70	700
379M1	35 52 16	105 45 32	5.0	1.00	5.00	.7	1,500	N	N	N	30	300
380M1	35 52 24	105 46 4	5.0	1.00	5.00	2.0	1,500	N	N	N	20	300
381M1	35 53 13	105 45 46	3.0	1.00	3.00	1.0	2,000	N	N	N	50	200
382M1	35 53 27	105 45 35	5.0	1.50	2.00	.7	1,000	N	N	N	50	500
383M1	35 53 31	105 45 23	3.0	.70	1.50	1.0	1,500	N	N	N	50	500
384M1	35 53 29	105 45 19	5.0	1.00	3.00	1.5	1,500	N	N	N	<20	200
385M1	35 53 2	105 46 13	5.0	1.50	5.00	1.5	1,500	N	N	N	<20	200
386M1	35 53 10	105 46 36	3.0	.70	5.00	1.5	1,500	N	N	N	<20	700
387M1	35 53 12	105 46 48	3.0	.70	5.00	1.5	1,500	N	N	N	<20	500
388M1	35 53 26	105 47 38	5.0	1.00	5.00	.7	1,500	N	N	N	20	500
389M1	35 53 20	105 47 38	5.0	1.50	5.00	.7	1,500	N	N	N	50	300
390M1	35 53 36	105 48 10	5.0	1.00	5.00	1.0	1,500	N	N	N	N	300
391M1	35 53 40	105 48 7	5.0	1.00	3.00	1.5	1,500	N	N	N	200	700
392M1	35 53 42	105 48 43	5.0	1.00	5.00	1.5	3,000	N	N	N	20	150
393M1	35 54 5	105 48 56	5.0	1.00	3.00	1.0	1,500	N	N	N	70	700
394M1	35 54 10	105 49 15	5.0	2.00	3.00	.7	5,000	N	N	N	N	200
395M1	35 54 38	105 50 15	7.0	2.00	5.00	1.5	2,000	N	N	N	100	500
396M1	35 54 34	105 50 26	5.0	1.50	3.00	1.0	1,500	N	N	N	70	500
397M1	35 54 31	105 50 26	5.0	1.50	3.00	1.0	1,500	N	N	N	<20	500
398M1	35 55 31	105 51 42	5.0	5.00	2.00	.7	1,500	N	N	N	<20	700
399M1	35 56 6	105 52 4	5.0	1.00	1.00	.7	2,000	N	N	N	700	1,000
400M1	35 56 8	105 52 15	5.0	1.50	1.00	1.0	1,000	N	N	N	300	1,000
401M1	35 56 10	105 52 10	5.0	1.50	2.00	.7	1,000	N	N	N	200	1,000
402M1	35 50 16	105 35 37	15.0	.50	1.00	1.5	1,000	N	N	N	300	300
403M1	35 50 10	105 35 41	7.0	.50	.50	1.0	700	N	N	N	50	200
404M1	35 50 20	105 36 34	7.0	.50	.50	1.0	700	N	N	N	300	200
405M1	35 47 22	105 37 50	7.0	2.00	2.00	.5	700	N	N	N	100	150
406M1	35 47 55	105 36 19	7.0	2.00	2.00	.7	700	N	N	N	20	200
407M1	35 54 41	105 42 6	5.0	1.00	2.00	1.5	1,000	N	N	N	150	150

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
363M1	2	N	N	30	200	15	100	N	<50	100	30
364M1	2	N	N	30	150	20	100	N	<50	70	30
365M1	2	N	N	30	100	20	70	N	<50	70	20
366M1	<2	N	N	30	200	20	70	N	100	70	30
367M1	<2	N	N	30	70	10	100	N	<50	70	20
368M1	<2	N	N	20	100	<10	200	N	<50	15	50
369M1	2	N	N	30	150	20	300	N	<50	70	20
370M1	5	N	N	30	50	50	150	<10	<50	70	70
371M1	3	N	N	30	70	70	100	<10	<50	70	50
372M1	3	N	N	50	70	100	100	20	<50	100	70
373M1	<2	N	N	20	20	30	300	N	100	15	30
374M1	5	N	N	30	70	50	100	N	<50	70	50
375M1	7	N	N	30	70	100	100	20	<50	100	70
376M1	5	N	N	30	70	100	100	N	<50	100	70
377M1	5	N	N	30	70	100	150	N	<50	70	70
378M1	5	N	N	30	70	70	100	N	<50	70	70
379M1	<2	N	N	20	100	20	>2,000	N	<50	50	300
380M1	<2	N	N	20	100	20	>2,000	N	100	30	200
381M1	<2	N	N	20	70	10	2,000	N	70	30	150
382M1	N	N	N	20	150	10	>2,000	N	<50	50	200
383M1	N	N	N	20	100	15	>2,000	N	<50	20	300
384M1	N	N	N	20	150	10	2,000	N	70	70	200
385M1	<2	N	N	30	100	20	1,000	N	50	50	100
386M1	N	N	N	20	50	20	>2,000	N	50	<10	100
387M1	N	N	N	20	50	20	>2,000	N	50	<10	300
388M1	N	N	N	20	100	10	>2,000	N	<50	30	300
389M1	N	N	N	30	150	10	>2,000	N	50	50	300
390M1	<2	N	N	30	100	10	2,000	N	50	50	200
391M1	N	N	N	30	150	10	>2,000	N	50	70	200
392M1	N	N	N	30	100	10	>2,000	N	50	50	300
393M1	N	N	N	30	150	10	>2,000	N	<50	70	300
394M1	N	N	N	30	100	20	>2,000	N	50	70	300
395M1	<2	N	N	50	150	20	1,000	N	<50	100	100
396M1	<2	N	N	30	150	10	2,000	N	50	70	150
397M1	<2	N	N	30	100	30	1,500	N	50	50	100
398M1	<2	N	N	30	500	20	100	N	<50	200	<20
399M1	<2	N	N	20	150	10	1,000	N	70	70	70
400M1	<2	N	N	20	200	<10	1,500	N	50	50	150
401M1	<2	N	N	20	150	10	>2,000	N	70	50	200
402M1	2	N	N	30	100	30	300	N	150	50	70
403M1	2	N	N	20	100	30	200	N	100	50	70
404M1	2	N	N	20	100	20	200	N	100	50	70
405M1	<2	N	N	30	100	20	50	N	<50	70	30
406M1	<2	N	N	30	70	50	70	N	<50	70	30
407M1	2	N	N	20	70	20	300	N	50	20	70

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
363M1	N	30	N	500	150	N	50	N	100	--
364M1	N	30	N	200	200	N	50	N	150	--
365M1	N	30	N	200	200	N	50	N	200	--
366M1	N	30	N	200	200	N	70	N	150	--
367M1	N	30	N	200	200	N	50	N	300	--
368M1	N	30	N	300	200	N	100	N	500	--
369M1	N	30	N	200	150	N	70	N	500	--
370M1	N	30	N	<200	150	N	150	700	200	--
371M1	N	20	N	200	100	N	150	500	500	--
372M1	N	20	N	<200	100	N	200	1,000	300	--
373M1	N	30	N	N	100	N	300	N	500	--
374M1	N	30	N	N	150	N	300	700	300	--
375M1	N	20	N	<200	100	N	100	1,000	200	--
376M1	N	30	N	N	100	N	100	700	300	--
377M1	N	20	N	<200	100	N	150	500	500	--
378M1	N	30	N	200	100	N	200	500	500	--
379M1	N	30	N	200	150	N	>1,000	N	700	--
380M1	N	30	N	300	150	N	700	N	700	--
381M1	N	50	N	500	150	N	1,000	N	500	--
382M1	N	30	N	<200	150	N	>1,000	N	500	--
383M1	N	30	N	<200	150	N	1,000	N	500	--
384M1	N	70	N	700	200	N	700	N	500	--
385M1	N	50	N	500	200	N	200	N	500	--
386M1	N	50	N	500	150	N	700	N	1,000	--
387M1	N	50	N	500	150	N	>1,000	N	700	--
388M1	N	50	N	500	150	N	1,000	N	1,000	--
389M1	N	50	N	500	150	N	>1,000	N	300	--
390M1	N	50	N	500	150	N	500	N	300	--
391M1	N	50	N	<200	200	N	700	N	300	--
392M1	N	50	N	200	150	N	500	N	700	--
393M1	N	30	N	200	150	N	500	N	500	--
394M1	N	30	N	<200	150	N	700	N	500	--
395M1	N	50	N	500	200	N	200	N	700	--
396M1	N	50	N	500	150	N	500	N	300	--
397M1	N	50	N	500	150	N	500	N	500	--
398M1	N	50	N	N	200	N	50	<500	150	--
399M1	N	50	N	N	150	N	200	N	200	--
400M1	N	50	N	N	150	N	500	N	300	--
401M1	N	50	N	300	150	N	500	N	500	--
402M1	N	30	30	N	200	N	500	<500	700	--
403M1	N	20	<20	N	100	N	300	N	500	--
404M1	N	30	<20	200	100	N	200	N	500	--
405M1	N	30	N	200	150	N	50	N	150	--
406M1	N	30	N	200	150	N	70	N	100	--
407M1	N	50	30	500	100	N	500	N	500	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
408M1	35 54 42	105 41 59	3.0	.50	2.00	>2.0	1,000	N	N	N	70	200
409M1	35 55 39	105 41 34	7.0	.50	.10	1.5	700	N	N	N	200	150
410M1	35 56 43	105 42 39	5.0	1.00	2.00	1.0	1,000	N	N	N	20	300
411M1	35 56 38	105 42 50	5.0	2.00	2.00	.3	1,000	N	N	N	20	300
412M1	35 56 54	105 43 17	5.0	.70	3.00	1.0	1,500	N	N	N	<20	200
413M1	35 57 1	105 43 29	5.0	.70	2.00	1.0	1,000	N	N	N	30	200
414M1	35 57 6	105 43 49	3.0	1.00	2.00	1.0	1,000	N	N	N	50	200
415M1	35 56 57	105 43 58	5.0	2.00	2.00	.7	1,000	N	N	N	100	500
416M1	35 57 3	105 44 6	5.0	2.00	3.00	.7	1,000	N	N	N	70	300
417M1	35 57 23	105 44 19	3.0	3.00	2.00	1.0	1,000	N	N	N	150	200
418M1	35 56 21	105 42 21	5.0	2.00	3.00	1.0	1,000	N	N	N	70	200
419M1	35 56 39	105 42 31	5.0	1.50	2.00	1.0	1,000	N	N	N	<20	300
420M1	35 57 20	105 44 26	3.0	1.50	2.00	.7	1,000	N	N	N	70	300
421M1	36 1 53	105 37 2	7.0	.20	.15	1.5	700	N	N	N	100	300
422M1	36 2 6	105 37 3	7.0	2.00	.10	1.5	1,000	N	N	N	150	200
423M1	36 2 8	105 37 3	15.0	.70	.10	1.0	1,000	N	N	N	300	300
424M1	36 2 8	105 36 56	7.0	.50	.70	1.0	700	N	N	N	300	200
425M1	36 2 25	105 36 58	7.0	.20	.10	1.5	300	N	N	N	70	150
426M1	36 2 31	105 36 57	10.0	.20	.20	1.0	1,000	N	N	N	100	200
427M1	36 3 10	105 37 3	5.0	.20	<.10	1.5	500	N	N	N	200	100
428M1	36 3 10	105 36 59	7.0	.50	.30	1.5	700	N	N	N	200	200
429M1	36 3 28	105 37 4	7.0	.20	.20	1.5	500	N	N	N	200	100
430M1	36 0 51	105 30 8	10.0	.30	.50	1.0	1,000	N	N	N	200	500
431M1	36 0 45	105 30 10	10.0	.20	.20	.3	1,000	N	N	N	100	200
432M1	36 2 36	105 29 55	10.0	.20	.20	.3	1,000	N	N	N	150	300
433M1	36 2 35	105 30 26	15.0	.20	.30	1.0	1,000	N	N	N	100	300
434M1	36 3 42	105 31 46	10.0	.20	.20	.5	1,000	N	N	N	70	300
435M1	36 3 46	105 31 46	10.0	.20	.20	.5	1,000	N	N	N	50	300
436M1	36 5 38	105 32 49	10.0	.30	.50	1.0	1,000	N	N	N	500	300
437M1	36 5 33	105 32 48	15.0	.20	.30	1.0	1,500	N	N	N	70	300
438M1	36 3 34	105 36 54	10.0	.30	.20	1.5	700	N	N	N	300	200
439M1	36 3 53	105 36 41	10.0	.20	.20	.7	700	N	N	N	100	300
440M1	36 4 3	105 36 36	15.0	.20	.20	1.5	1,000	N	N	N	200	300
441M1	36 4 52	105 36 23	15.0	.20	.30	1.0	700	N	N	N	200	300
442M1	36 5 5	105 36 21	10.0	.30	.20	1.5	1,000	N	N	N	200	300
443M1	36 5 19	105 36 25	10.0	.20	.30	.7	1,000	N	N	N	200	200
444M1	36 5 28	105 36 27	10.0	.20	.20	>2.0	700	N	N	N	150	300
445M1	36 0 48	105 39 49	5.0	1.50	7.00	.7	1,000	N	N	N	<20	150
446M1	36 2 35	105 40 23	7.0	.05	.15	1.5	500	N	N	N	20	150
447M1	36 0 38	105 39 20	7.0	.20	<.10	1.5	500	N	N	N	200	300
448M1	36 0 52	105 39 45	7.0	.20	<.10	1.5	500	N	N	N	100	200
449M1	36 2 37	105 40 18	5.0	1.00	2.00	1.0	500	N	N	N	50	300
450M1	36 0 26	105 37 54	7.0	.50	<.10	1.5	1,000	N	N	N	70	200
451M1	36 0 24	105 37 49	7.0	.20	<.10	1.5	500	N	N	N	300	150
452M1	36 1 35	105 38 5	7.0	.20	<.10	1.5	300	N	N	N	200	200

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
408M1	<2	N	N	15	50	20	100	N	50	10	50
409M1	5	N	N	30	70	20	70	N	<50	20	20
410M1	3	N	N	15	50	15	500	N	100	<10	100
411M1	<2	N	N	30	200	<10	300	N	<50	100	50
412M1	<2	N	N	10	70	<10	300	15	150	15	100
413M1	<2	N	N	10	50	15	300	N	200	<10	100
414M1	<2	20	N	30	100	20	700	N	500	50	200
415M1	2	N	N	30	200	10	500	N	<50	100	70
416M1	2	N	N	30	200	<10	500	N	<50	100	70
417M1	<2	N	N	50	200	20	500	N	700	150	300
418M1	2	<20	N	20	150	20	700	N	150	70	100
419M1	2	N	N	20	100	200	700	10	100	20	100
420M1	2	N	N	30	150	15	300	N	70	50	70
421M1	2	N	N	30	100	20	200	N	50	50	50
422M1	2	N	N	20	100	50	200	N	50	50	70
423M1	3	N	N	30	150	30	200	N	<50	50	70
424M1	2	N	N	20	70	20	200	N	<50	50	50
425M1	2	N	N	20	70	20	300	N	70	20	50
426M1	5	N	N	50	70	50	150	N	<50	70	70
427M1	5	N	N	20	70	20	200	N	200	50	30
428M1	5	N	N	30	100	50	200	N	70	50	70
429M1	3	N	N	30	70	20	200	N	100	50	50
430M1	3	N	N	50	70	50	200	20	150	100	70
431M1	3	N	N	50	50	50	100	10	<50	100	70
432M1	3	N	N	50	50	50	150	10	<50	100	70
433M1	5	N	N	50	70	50	100	N	<50	100	70
434M1	3	N	N	50	70	100	70	20	<50	100	100
435M1	3	N	N	50	70	150	100	20	<50	70	100
436M1	3	N	N	30	70	100	500	10	50	70	150
437M1	5	N	N	30	50	100	150	15	70	100	150
438M1	5	N	N	30	70	100	300	10	100	100	150
439M1	5	N	N	30	50	100	200	10	70	100	150
440M1	3	N	N	30	100	100	300	15	70	70	150
441M1	5	N	N	50	100	100	200	10	100	100	150
442M1	3	N	N	30	70	100	300	20	300	100	150
443M1	3	N	N	30	50	70	200	N	50	70	70
444M1	<2	N	N	20	100	150	500	15	300	70	150
445M1	<2	N	N	20	100	10	200	N	50	20	50
446M1	<2	N	N	20	100	<10	200	N	300	20	20
447M1	2	N	N	20	70	<10	300	N	300	20	30
448M1	2	N	N	20	100	<10	300	N	300	20	20
449M1	2	N	N	30	70	20	150	N	70	20	30
450M1	2	N	N	20	100	<10	300	N	200	10	30
451M1	3	N	N	20	100	<10	200	N	100	20	30
452M1	2	N	N	20	70	<10	200	N	150	20	50

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
408M1	N	50	N	200	100	N	70	N	500	--
409M1	N	15	N	<200	100	<100	70	<500	500	--
410M1	N	70	50	500	100	N	500	N	700	--
411M1	N	50	N	500	150	N	200	N	200	--
412M1	N	100	70	500	100	N	700	N	500	--
413M1	N	100	50	500	100	N	700	N	700	--
414M1	N	50	50	500	100	N	>1,000	N	700	--
415M1	N	30	N	500	100	N	100	N	300	--
416M1	N	50	<20	500	100	N	200	N	200	--
417M1	N	30	20	<200	70	N	>1,000	N	700	--
418M1	N	50	20	500	150	N	300	N	500	--
419M1	N	70	50	500	100	N	500	N	700	--
420M1	N	30	<20	500	100	N	150	N	500	--
421M1	N	30	N	500	100	N	100	N	1,000	--
422M1	N	20	N	500	100	N	150	N	1,000	--
423M1	N	20	N	<200	150	N	500	N	700	--
424M1	N	20	N	300	100	N	150	N	1,000	--
425M1	N	20	N	200	100	N	500	N	1,000	--
426M1	N	20	N	<200	100	N	100	<500	700	--
427M1	N	20	N	<200	100	N	300	<500	1,000	--
428M1	N	20	N	300	100	N	300	<500	700	--
429M1	N	30	N	200	100	N	>1,000	N	1,000	--
430M1	N	20	N	<200	100	N	300	500	300	--
431M1	N	20	N	N	100	N	70	500	150	--
432M1	N	20	N	<200	100	N	150	500	300	--
433M1	N	20	N	N	100	N	150	500	500	--
434M1	N	20	N	N	100	N	1,000	500	300	--
435M1	N	20	N	N	100	N	200	500	200	--
436M1	N	30	N	N	100	N	>1,000	500	1,000	--
437M1	N	20	N	N	100	N	>1,000	700	500	--
438M1	N	20	N	N	100	N	>1,000	500	700	--
439M1	N	15	N	N	100	N	500	500	500	--
440M1	N	20	N	<200	150	N	>1,000	500	1,000	--
441M1	N	20	N	N	100	N	1,000	700	500	--
442M1	N	20	N	<200	150	N	500	500	700	--
443M1	N	15	N	N	100	N	1,000	500	700	--
444M1	N	30	N	N	100	N	>1,000	<500	1,000	--
445M1	N	70	N	1,000	200	N	150	N	500	--
446M1	N	20	N	200	100	N	300	N	1,000	--
447M1	N	20	N	200	150	<100	150	N	700	--
448M1	N	20	N	<200	150	<100	200	N	1,000	--
449M1	N	50	N	500	200	N	500	N	700	--
450M1	N	20	N	200	150	N	100	N	1,000	--
451M1	N	20	N	200	100	N	150	N	1,000	--
452M1	N	15	N	<200	100	<100	150	N	1,000	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
453M1	36 1 57	105 38 54	5.0	.70	1.00	1.5	2,000	N	N	N	1,000	500
454M1	36 1 55	105 39 24	7.0	.20	.10	1.5	1,500	N	N	N	150	100
455M1	36 2 14	105 39 48	7.0	2.00	5.00	.5	1,000	N	N	N	N	200
456M1	35 57 50	105 39 26	7.0	2.00	3.00	.7	2,000	N	N	N	500	300
457M1	35 57 54	105 39 25	7.0	3.00	5.00	.7	2,000	N	N	N	100	300
458M1	35 58 3	105 39 59	7.0	5.00	3.00	.5	2,000	N	N	N	70	300
459M1	35 58 48	105 40 30	7.0	.70	.30	1.0	1,000	N	N	N	300	200
460M1	35 58 57	105 41 4	7.0	2.00	3.00	.7	2,000	N	N	N	200	300
461M1	35 59 8	105 41 34	7.0	2.00	2.00	.7	2,000	N	N	N	100	200
462M1	35 59 23	105 42 3	7.0	1.00	3.00	1.5	2,000	N	N	N	<20	200
463M1	35 59 26	105 42 5	7.0	.70	2.00	1.5	2,000	N	N	N	N	300
464M1	35 59 44	105 42 14	7.0	1.00	3.00	1.0	2,000	N	N	N	<20	300
465M1	35 59 50	105 42 10	7.0	2.00	3.00	.7	2,000	N	N	N	200	300
466M1	35 59 56	105 42 5	7.0	1.00	1.50	1.0	1,500	N	N	N	150	200
467M1	36 0 15	105 42 20	5.0	2.00	3.00	1.5	2,000	N	N	N	<20	200
468M1	36 0 28	105 42 26	7.0	2.00	3.00	1.0	1,500	N	N	N	20	200
469M1	36 1 9	105 43 24	10.0	5.00	3.00	1.5	3,000	N	N	N	150	200
470M1	35 59 6	105 39 10	15.0	2.00	1.50	1.0	2,000	N	N	N	200	1,500
471M1	35 59 54	105 41 21	7.0	1.50	3.00	1.0	2,000	N	N	N	20	300
472M1	35 59 51	105 41 21	10.0	1.00	2.00	1.0	1,500	N	N	N	150	300
473M1	35 44 52	105 44 18	10.0	3.00	3.00	1.0	2,000	N	N	N	200	300
474M1	35 44 46	105 44 20	10.0	3.00	3.00	1.0	1,500	N	N	N	150	200
475M1	35 44 49	105 44 9	7.0	3.00	2.00	1.5	1,500	N	N	N	200	200
476M1	35 44 24	105 44 11	10.0	2.00	3.00	1.5	1,500	N	N	N	5,000	200
477M1	35 44 2	105 44 16	7.0	2.00	2.00	1.5	1,500	N	N	N	700	200
478M1	35 44 4	105 44 24	7.0	2.00	3.00	1.0	1,500	N	N	N	500	200
479M1	35 43 38	105 44 20	7.0	2.00	3.00	1.0	1,500	N	N	N	3,000	200
480M1	35 43 39	105 44 25	7.0	2.00	3.00	.7	1,500	N	N	N	2,000	200
481M1	35 43 26	105 44 31	7.0	2.00	3.00	.7	1,500	N	N	N	500	200
482M1	35 43 13	105 45 41	7.0	3.00	7.00	.7	1,500	N	N	N	20	200
483M1	35 43 9	105 45 42	10.0	1.00	7.00	1.5	1,500	N	N	N	100	300
484M1	35 43 8	105 45 34	10.0	3.00	5.00	.7	2,000	N	N	N	30	200
485M1	35 43 15	105 45 31	10.0	3.00	3.00	1.0	2,000	N	N	N	20	200
486M1	35 53 11	105 44 2	7.0	1.50	3.00	1.0	1,500	N	N	N	20	200
487M1	35 53 6	105 44 2	5.0	2.00	3.00	1.0	1,500	N	N	N	150	200
488M1	35 53 58	105 44 34	5.0	1.00	2.00	.7	2,000	N	N	N	20	200
489M1	35 53 57	105 44 27	.5	.20	5.00	>2.0	700	N	N	N	N	150
490M1	35 54 15	105 43 49	7.0	1.50	2.00	2.0	1,500	N	N	N	100	300
491M1	35 54 19	105 43 50	7.0	1.50	3.00	1.0	1,500	N	N	N	200	200
492M1	35 54 25	105 43 55	7.0	2.00	3.00	1.0	1,500	N	N	N	100	200
493M1	35 55 12	105 42 58	7.0	2.00	3.00	1.0	1,500	N	N	N	200	300
494M1	35 55 7	105 42 56	7.0	1.50	3.00	3.0	1,500	N	N	N	150	200
495M1	35 55 29	105 42 39	10.0	2.00	3.00	1.5	2,000	N	N	N	500	300
496M1	35 55 44	105 45 19	10.0	3.00	5.00	.7	2,000	N	N	N	300	300
497M1	35 55 41	105 45 24	7.0	1.50	3.00	1.5	2,000	N	N	N	700	700

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
453M1	20	N	N	30	70	10	500	N	5,000	10	100
454M1	3	N	N	20	70	<10	700	N	1,000	20	50
455M1	<2	N	N	30	70	20	100	N	50	30	30
456M1	<2	N	N	50	200	10	100	N	<50	70	20
457M1	2	N	N	30	70	10	100	N	<50	50	50
458M1	<2	N	N	50	70	<10	150	N	<50	70	20
459M1	3	N	N	20	70	<10	200	N	200	20	30
460M1	<2	N	N	30	100	<10	200	N	300	70	30
461M1	<2	N	N	30	100	<10	200	N	<50	50	30
462M1	3	N	N	20	70	10	1,500	N	200	20	150
463M1	2	N	N	20	70	30	2,000	N	200	15	200
464M1	<2	N	N	20	150	10	2,000	N	300	50	200
465M1	<2	N	N	30	100	10	1,000	N	<50	70	50
466M1	2	N	N	20	100	<10	300	N	300	20	30
467M1	2	N	N	20	100	10	1,000	N	300	30	150
468M1	<2	N	N	20	150	10	2,000	N	150	50	100
469M1	2	N	N	70	300	10	1,000	<10	200	200	150
470M1	2	N	N	50	70	<10	200	N	<50	70	20
471M1	2	N	N	20	100	<10	700	N	100	50	50
472M1	2	N	N	20	70	<10	700	N	70	50	20
473M1	3	N	N	50	100	50	500	N	50	100	30
474M1	2	N	N	50	70	20	500	N	<50	50	20
475M1	2	N	N	50	300	15	500	N	100	300	20
476M1	2	N	N	50	200	20	1,000	N	100	300	100
477M1	2	N	N	50	70	20	700	<10	150	200	100
478M1	<2	N	N	30	200	10	700	N	70	100	50
479M1	2	N	N	100	100	20	700	N	70	20	50
480M1	<2	N	N	70	150	30	70	N	<50	100	<20
481M1	<2	N	N	70	150	15	70	N	<50	100	<20
482M1	2	N	N	50	300	10	200	N	50	70	20
483M1	2	N	N	20	100	<10	500	N	100	<10	50
484M1	2	N	N	50	300	10	200	N	<50	70	20
485M1	3	N	N	50	300	10	300	N	<50	70	20
486M1	2	N	N	20	150	10	500	N	100	100	30
487M1	2	N	N	30	150	10	1,000	N	150	150	50
488M1	<2	N	N	50	20	20	>2,000	N	100	20	300
489M1	<2	N	N	<10	<20	10	300	N	100	<10	70
490M1	5	N	N	20	100	10	1,000	N	300	20	50
491M1	<2	N	N	50	100	<10	1,500	N	50	70	100
492M1	<2	N	N	50	150	<10	1,000	N	50	100	70
493M1	2	N	N	30	150	10	700	N	70	50	50
494M1	5	30	N	20	50	20	1,000	N	500	20	100
495M1	<2	N	N	50	300	10	1,000	N	200	70	70
496M1	<2	N	N	70	300	<10	2,000	N	<50	300	100
497M1	<2	N	N	30	300	<10	2,000	N	50	70	100

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
453M1	N	30	N	200	100	700	>1,000	1,000	1,000	--
454M1	N	15	N	N	100	150	>1,000	N	1,000	--
455M1	N	50	N	700	200	N	70	N	300	--
456M1	N	50	N	200	150	N	50	500	500	--
457M1	N	50	N	200	150	N	300	<500	200	--
458M1	N	50	N	<200	150	N	70	N	150	--
459M1	N	20	N	<200	100	N	70	N	700	--
460M1	N	50	N	N	150	<100	1,000	500	500	--
461M1	N	30	N	500	200	N	70	N	500	--
462M1	N	70	50	500	150	<100	>1,000	N	700	--
463M1	N	70	70	500	150	<100	>1,000	N	1,000	--
464M1	N	50	50	500	200	<100	>1,000	N	700	--
465M1	N	50	N	300	200	N	200	<500	500	--
466M1	N	30	N	300	150	<100	200	N	700	--
467M1	N	70	50	500	150	N	>1,000	N	700	--
468M1	N	70	30	300	200	N	>1,000	N	1,000	--
469M1	N	70	30	1,000	300	N	1,000	N	500	--
470M1	N	50	N	200	200	N	300	N	700	--
471M1	N	70	30	2,000	200	N	300	N	700	--
472M1	N	50	N	1,000	200	N	300	N	1,000	--
473M1	N	50	N	1,500	300	N	150	N	500	--
474M1	N	50	N	700	300	N	150	N	7,000	--
475M1	N	50	20	500	200	N	150	N	1,000	--
476M1	N	50	30	1,000	200	N	700	N	1,000	--
477M1	N	50	30	1,000	200	N	500	N	1,000	--
478M1	N	50	N	1,000	300	N	300	N	700	--
479M1	N	50	<20	1,000	200	N	300	N	1,500	--
480M1	N	50	N	300	300	N	70	N	150	--
481M1	N	50	N	300	300	N	100	N	100	--
482M1	N	70	N	1,000	500	N	100	N	1,000	--
483M1	N	70	30	1,500	300	N	200	N	1,500	--
484M1	N	70	N	1,000	500	N	150	N	500	--
485M1	N	70	N	700	500	N	150	N	300	--
486M1	N	70	20	1,000	200	N	700	N	700	--
487M1	N	70	20	1,000	200	N	500	N	1,000	--
488M1	N	20	N	<200	200	N	>5,000	N	1,000	--
489M1	N	100	50	<200	200	<100	500	N	>2,000	--
490M1	N	100	70	700	200	<100	700	N	1,500	--
491M1	N	70	N	700	300	N	700	N	700	--
492M1	N	70	N	500	300	N	500	N	500	--
493M1	N	100	20	1,500	300	N	500	N	500	--
494M1	N	70	30	700	200	<100	700	N	700	--
495M1	N	70	30	1,000	500	<100	700	N	1,000	--
496M1	N	70	20	700	500	N	1,000	N	700	--
497M1	N	70	30	500	300	N	700	N	700	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
498M1	35 56 17	105 45 48	10.0	3.00	3.00	.7	2,000	N	N	N	700	500
499M1	35 56 25	105 46 22	.7	.20	7.00	>2.0	1,000	N	N	N	N	200
500M1	35 56 28	105 46 19	7.0	1.50	5.00	2.0	2,000	N	N	N	300	300
501M1	35 56 47	105 46 33	7.0	2.00	5.00	1.0	2,000	N	N	N	100	200
502M1	35 57 34	105 47 5	7.0	2.00	5.00	1.0	2,000	N	N	N	700	500
503M1	35 54 43	105 52 23	5.0	1.00	2.00	1.0	2,000	N	N	N	5,000	500
504M1	35 53 51	105 52 22	2.0	1.00	2.00	.7	2,000	N	1,000	N	100	200
505M1	35 57 55	105 52 0	10.0	3.00	2.00	.7	1,500	N	N	N	5,000	500
506M1	35 58 53	105 51 54	10.0	3.00	3.00	2.0	2,000	N	N	N	1,500	100
507M1	35 51 6	105 52 17	10.0	2.00	3.00	2.0	2,000	N	N	N	500	500
508M1	35 51 11	105 52 15	10.0	2.00	2.00	1.5	2,000	N	N	N	700	1,000
509M1	35 57 21	105 48 57	10.0	3.00	3.00	1.0	2,000	N	N	N	500	500
510M1	35 57 24	105 48 54	10.0	2.00	3.00	2.0	2,000	N	1,000	N	500	500
511M1	35 58 36	105 48 57	10.0	2.00	3.00	2.0	5,000	N	N	N	1,000	500
512M1	35 58 48	105 49 2	10.0	5.00	3.00	1.5	2,000	N	N	N	500	700
513M1	35 58 50	105 48 58	10.0	5.00	5.00	1.5	2,000	N	N	N	1,500	300
514M1	35 59 2	105 50 24	7.0	3.00	2.00	1.0	2,000	N	N	N	>5,000	1,000
515M1	35 59 0	105 51 28	7.0	3.00	2.00	1.0	2,000	N	N	N	3,000	1,000
516M1	35 54 22	105 46 2	10.0	2.00	1.50	1.0	2,000	N	N	N	3,000	1,000
517M1	35 54 25	105 47 2	7.0	2.00	5.00	1.0	3,000	N	N	N	700	500
518M1	35 54 29	105 47 0	7.0	2.00	2.00	.7	1,500	N	N	N	200	700
519M1	35 54 28	105 47 43	5.0	1.50	5.00	1.0	2,000	N	N	N	300	300
520M1	35 54 54	105 48 46	7.0	1.50	1.50	1.0	2,000	N	N	N	>5,000	700
521M1	35 55 58	105 48 58	7.0	1.00	.70	1.0	1,000	N	N	N	2,000	1,500
522M1	35 56 47	105 49 8	7.0	1.50	5.00	1.0	2,000	N	N	N	100	300
523M1	35 55 8	105 47 13	7.0	2.00	5.00	1.5	2,000	N	N	N	150	200
525M1	35 55 6	105 47 15	7.0	3.00	5.00	.7	2,000	N	N	N	50	200
526M1	35 55 31	105 47 52	7.0	2.00	3.00	.7	2,000	N	N	N	150	300
527M1	35 55 37	105 47 51	10.0	1.00	1.00	1.0	2,000	N	N	N	150	700
528M1	35 56 39	105 48 56	7.0	2.00	3.00	1.0	2,000	N	N	N	300	500
529M1	35 57 4	105 48 55	7.0	2.00	2.00	1.0	2,000	N	N	N	100	700
530M1	35 42 33	105 44 17	20.0	.70	2.00	2.0	2,000	N	N	N	1,000	300
531M1	35 42 35	105 44 10	15.0	5.00	3.00	1.5	2,000	N	N	N	700	200
532M1	35 42 28	105 44 3	10.0	3.00	3.00	1.0	2,000	N	N	N	>5,000	700
533M1	35 42 44	105 44 13	10.0	3.00	5.00	1.5	1,500	N	N	N	1,000	300
534M1	35 46 21	105 29 20	5.0	2.00	2.00	.5	1,000	N	N	N	1,500	200
535M1	35 46 23	105 29 22	5.0	1.50	2.00	.5	700	N	N	N	500	200
536M1	35 47 39	105 30 25	7.0	1.00	2.00	.7	1,000	N	N	N	1,000	200
537M1	35 47 42	105 30 31	3.0	2.00	3.00	.5	1,000	N	N	N	300	300
538M1	35 49 8	105 33 6	5.0	2.00	2.00	.7	1,000	N	N	N	5,000	200
539M1	35 49 8	105 33 0	5.0	2.00	3.00	1.0	1,500	N	N	N	150	200
540M1	35 49 11	105 32 32	3.0	2.00	2.00	.5	1,000	N	N	N	150	500
541M1	35 49 12	105 32 24	3.0	2.00	3.00	.5	1,000	N	N	N	100	300
542M1	35 48 41	105 30 3	5.0	2.00	3.00	.7	1,500	N	N	N	700	200
543M1	35 46 53	105 43 21	5.0	2.00	3.00	.7	2,000	N	N	N	200	200

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
498M1	<2	N	N	70	300	10	2,000	N	<50	200	70
499M1	<2	N	N	<10	N	<10	200	N	150	<10	20
500M1	<2	N	N	50	200	10	2,000	N	50	100	100
501M1	<2	N	N	50	300	<10	2,000	N	50	300	100
502M1	<2	N	N	30	300	10	>2,000	N	50	200	150
503M1	<2	N	N	30	200	10	>2,000	N	50	<10	500
504M1	<2	N	N	20	70	20	>2,000	N	50	<10	500
505M1	<2	N	N	50	200	15	>2,000	N	50	200	150
506M1	<2	N	N	50	300	15	2,000	N	50	200	100
507M1	<2	N	N	30	200	10	>2,000	N	<50	70	200
508M1	2	N	N	30	200	20	700	N	50	50	20
509M1	<2	N	N	30	300	10	>2,000	N	<50	100	300
510M1	<2	N	N	30	200	20	2,000	N	500	100	150
511M1	<2	N	N	30	200	15	1,000	N	70	150	50
512M1	2	N	N	50	300	15	700	N	50	300	50
513M1	5	<20	N	50	300	10	1,000	15	100	300	100
514M1	2	N	N	30	300	10	700	N	50	100	70
515M1	<2	N	N	50	300	15	>2,000	N	300	150	200
516M1	<2	N	N	50	200	<10	2,000	N	<50	70	150
517M1	<2	N	N	30	300	15	>2,000	N	<50	200	200
518M1	5	N	N	30	200	10	>2,000	N	<50	50	500
519M1	7	N	N	30	200	15	>2,000	N	50	50	500
520M1	<2	N	N	30	300	<10	2,000	N	<50	100	150
521M1	<2	N	N	20	200	<10	1,500	N	<50	20	100
522M1	5	N	N	50	100	20	>2,000	N	50	20	300
523M1	5	N	N	30	300	10	>2,000	N	70	300	200
525M1	2	N	N	50	300	10	>2,000	N	50	300	200
526M1	5	N	N	30	300	15	>2,000	N	<50	100	300
527M1	2	N	N	20	200	10	2,000	N	150	20	300
528M1	2	N	N	20	300	10	>2,000	N	200	150	200
529M1	2	N	N	50	200	15	>2,000	N	70	150	300
530M1	3	N	N	30	200	10	500	N	150	50	50
531M1	<2	N	N	50	200	20	150	N	<50	100	20
532M1	2	N	N	50	200	15	100	N	<50	70	<20
533M1	2	N	N	50	200	70	200	N	<50	50	20
534M1	3	N	N	30	100	30	20	N	<50	70	<20
535M1	<2	N	N	30	100	30	<50	N	<50	50	<20
536M1	2	N	N	50	150	50	<50	N	<50	70	50
537M1	2	N	N	50	100	20	<50	N	<50	150	20
538M1	5	N	N	30	200	30	<50	N	100	100	20
539M1	<2	N	N	30	70	20	500	N	<50	100	20
540M1	<2	N	N	30	100	15	20	N	<50	50	<20
541M1	<2	N	N	30	100	10	<50	N	N	50	N
542M1	<2	N	N	30	70	20	<50	N	N	50	20
543M1	<2	N	N	30	100	20	500	50	<50	50	20

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
498M1	N	50	20	700	300	N	500	N	500	--
499M1	N	50	30	<200	300	N	1,500	N	>2,000	--
500M1	N	70	20	1,000	300	N	1,000	N	700	--
501M1	N	70	20	700	300	N	1,000	N	500	--
502M1	N	70	20	700	300	N	1,500	N	500	--
503M1	N	20	N	N	200	N	3,000	N	1,500	--
504M1	200	15	N	500	100	N	>5,000	N	1,500	--
505M1	N	50	N	700	200	N	1,000	N	500	--
506M1	N	50	<20	700	300	N	300	N	500	--
507M1	N	50	N	500	300	N	1,000	N	500	--
508M1	N	70	20	200	300	N	150	N	500	--
509M1	N	50	20	<200	200	N	1,000	N	700	--
510M1	N	70	30	500	200	100	500	N	700	--
511M1	N	50	20	200	300	N	300	<500	700	--
512M1	N	70	20	500	300	N	200	<500	300	--
513M1	N	70	30	1,000	300	N	1,000	N	500	--
514M1	N	50	20	200	200	N	300	N	500	--
515M1	N	30	20	200	200	<100	1,500	N	500	--
516M1	N	50	20	<200	200	N	1,000	N	700	--
517M1	N	70	20	700	200	N	1,000	N	1,000	--
518M1	N	30	N	<200	200	N	3,000	N	1,000	--
519M1	<200	30	20	700	150	N	3,000	N	1,000	--
520M1	N	70	20	200	200	N	1,500	N	700	--
521M1	N	50	<20	N	200	N	500	N	700	--
522M1	N	50	20	500	200	N	1,500	N	700	--
523M1	N	50	20	500	200	N	1,000	N	1,000	--
525M1	N	70	20	500	200	N	1,500	N	1,000	--
526M1	<200	30	20	500	200	N	>5,000	N	1,000	--
527M1	N	50	20	N	200	<100	1,500	N	700	--
528M1	N	70	20	500	200	<100	2,000	N	1,000	--
529M1	N	70	20	500	200	N	1,000	N	700	--
530M1	N	70	30	700	500	N	700	<500	500	--
531M1	N	70	N	700	700	N	100	<500	300	--
532M1	N	50	N	500	700	N	50	<500	200	--
533M1	N	70	20	1,000	700	N	100	<500	150	--
534M1	N	50	N	300	200	<100	50	N	100	--
535M1	N	50	N	200	200	N	50	<500	200	--
536M1	N	50	N	200	200	N	50	<500	100	--
537M1	N	70	N	500	200	N	50	N	150	--
538M1	N	50	N	200	200	N	200	<500	150	--
539M1	N	70	N	500	150	N	200	N	200	--
540M1	N	50	N	300	150	N	50	N	150	--
541M1	N	50	N	200	150	N	30	N	100	--
542M1	N	50	N	500	200	N	30	N	70	--
543M1	N	50	N	500	200	N	150	N	150	--

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
544M1	35 46 58	105 43 24	5.0	2.00	3.00	.5	2,000	N	N	N	300	200
545M1	35 47 43	105 43 6	5.0	2.00	2.00	.7	1,000	N	N	N	5,000	200
555M1	35 43 5	105 48 4	10.0	1.50	7.00	>2.0	1,500	N	N	N	70	300
556M1	35 41 45	105 48 46	7.0	.50	3.00	2.0	1,000	N	N	N	50	150
557M1	35 41 32	105 48 56	10.0	1.50	10.00	>2.0	1,000	N	N	N	70	300
558M1	35 41 21	105 49 10	10.0	1.00	15.00	2.0	1,500	N	N	N	20	500
559M1	35 41 14	105 49 22	10.0	1.50	10.00	1.5	1,500	N	N	N	150	200
560M1	35 41 9	105 49 33	10.0	1.50	10.00	>2.0	1,000	N	N	N	150	300
561M1	35 41 0	105 49 51	15.0	1.50	15.00	>2.0	1,500	N	N	N	100	200
562M1	35 41 7	105 50 7	10.0	1.00	10.00	>2.0	700	N	N	N	70	300
563M1	35 40 25	105 51 16	10.0	.70	1.50	>2.0	1,500	N	N	N	70	300
564M1	35 41 12	105 51 30	7.0	1.50	10.00	2.0	1,000	N	N	N	100	200
565M1	35 41 14	105 53 0	7.0	1.50	10.00	2.0	1,500	N	N	N	100	700
566M1	35 42 35	105 48 20	10.0	1.00	7.00	>2.0	1,500	N	N	N	200	300
567M1	35 41 34	105 49 39	7.0	1.50	10.00	2.0	1,500	N	N	N	150	300
568M1	35 41 19	105 50 30	7.0	1.50	10.00	>2.0	1,500	N	N	N	100	300
569M1	35 41 17	105 50 59	7.0	1.50	7.00	>2.0	1,500	N	N	N	100	700
570M1	35 41 24	105 51 48	10.0	1.50	10.00	>2.0	1,500	N	N	N	70	300
572M1	35 40 53	105 52 46	10.0	1.50	10.00	>2.0	1,000	N	N	N	100	300
573M1	35 42 39	105 52 40	10.0	1.50	10.00	>2.0	1,000	N	N	N	20	300
574M1	35 42 35	105 52 48	10.0	2.00	10.00	>2.0	1,500	N	N	N	100	200
575M1	35 41 48	105 52 57	10.0	1.50	10.00	>2.0	1,500	N	N	N	20	700
576M1	35 38 8	105 50 6	10.0	1.50	7.00	>2.0	1,000	N	N	N	300	300
577M1	35 38 57	105 49 49	10.0	1.00	10.00	2.0	1,500	N	N	N	200	300
578M1	35 39 3	105 49 51	10.0	1.00	15.00	>2.0	1,500	N	N	N	500	500
579M1	35 39 10	105 49 44	10.0	1.50	15.00	2.0	1,500	N	N	N	500	300
580M1	35 39 12	105 49 49	20.0	.70	1.50	2.0	1,000	N	N	N	100	1,000
581M1	35 38 35	105 49 52	15.0	1.50	10.00	1.5	1,000	N	N	N	200	700
582M1	35 40 25	105 45 54	15.0	1.50	10.00	2.0	1,500	N	N	N	3,000	500
583M1	35 40 26	105 46 26	15.0	1.50	10.00	2.0	2,000	N	N	N	1,000	300
584M1	35 40 14	105 46 44	20.0	2.00	10.00	2.0	2,000	N	N	N	2,000	700
585M1	35 40 8	105 46 52	15.0	2.00	15.00	2.0	1,500	N	N	N	3,000	500
586M1	35 40 5	105 46 50	15.0	1.50	10.00	2.0	1,500	N	N	N	2,000	300
587M1	35 38 31	105 49 50	10.0	1.00	7.00	2.0	1,500	N	N	N	700	700
588M1	35 38 49	105 49 52	20.0	1.50	7.00	>2.0	1,000	N	N	N	100	700
589M1	35 37 9	105 48 51	15.0	1.50	15.00	2.0	1,500	N	N	N	100	300
590M1	35 37 7	105 49 57	15.0	1.00	10.00	>2.0	1,000	N	N	N	150	300
591M1	35 36 54	105 47 38	10.0	1.50	10.00	2.0	1,000	N	N	N	100	500
592M1	35 36 20	105 48 4	10.0	2.00	10.00	1.5	1,000	N	N	N	70	300
594M1	35 36 14	105 47 53	10.0	.70	7.00	2.0	1,000	N	N	N	150	300
595M1	35 41 35	105 46 19	10.0	1.00	15.00	2.0	1,500	N	N	N	150	500
596M1	35 41 30	105 46 23	10.0	1.00	15.00	2.0	1,000	3.0	N	N	100	500
597M1	35 41 19	105 46 19	15.0	1.00	10.00	2.0	1,500	N	N	N	150	700
598M1	35 41 23	105 46 7	10.0	1.50	10.00	1.5	1,500	N	N	N	70	500
599M1	35 41 2	105 46 2	10.0	1.50	10.00	2.0	1,000	N	N	N	200	500

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
544M1	<2	N	N	30	100	30	<50	N	<50	100	<20
545M1	5	N	N	50	100	20	300	N	<50	100	30
555M1	7	N	N	30	100	100	>2,000	N	500	50	150
556M1	15	N	N	N	50	30	1,500	N	200	N	50
557M1	10	N	N	20	100	20	150	N	100	15	70
558M1	7	N	N	20	100	<10	100	<10	N	10	100
559M1	3	<20	N	30	150	20	150	15	100	20	70
560M1	3	<20	N	70	150	50	150	N	50	30	70
561M1	7	20	N	30	200	50	200	N	300	30	100
562M1	2	<20	N	N	150	50	200	10	150	30	70
563M1	20	N	N	50	70	70	2,000	<10	700	N	200
564M1	2	N	N	30	150	100	2,000	N	150	50	200
565M1	2	N	N	50	300	50	>2,000	N	100	100	100
566M1	15	N	N	70	100	100	300	15	200	20	150
567M1	5	N	N	50	100	70	500	N	100	20	70
568M1	N	N	N	50	150	100	50	10	100	20	50
569M1	2	N	N	30	100	70	100	10	500	20	150
570M1	7	N	N	50	100	50	700	10	300	30	100
572M1	<2	N	N	30	200	70	>2,000	N	200	100	150
573M1	7	<20	N	30	150	100	1,500	N	150	30	50
574M1	5	N	N	50	200	100	300	10	150	30	30
575M1	<2	N	N	30	150	100	>2,000	15	500	50	150
576M1	3	N	N	50	100	50	100	N	150	50	50
577M1	5	<20	N	30	100	50	200	<10	500	20	70
578M1	10	N	N	20	300	30	1,000	N	500	20	100
579M1	2	N	N	30	150	50	1,500	N	500	30	100
580M1	15	N	N	<10	200	100	>2,000	20	700	N	500
581M1	5	N	N	100	50	100	500	N	200	50	70
582M1	5	<20	N	50	150	70	70	N	<50	50	70
583M1	5	50	N	50	150	50	100	7	<50	20	70
584M1	10	<20	N	50	150	200	100	N	50	50	100
585M1	7	<20	<50	70	300	70	100	N	<50	100	70
586M1	2	N	N	50	200	1,000	100	N	<50	70	50
587M1	5	N	N	70	70	50	500	N	150	30	70
588M1	10	N	N	500	150	150	300	10	300	150	100
589M1	<2	N	N	50	100	300	700	N	500	20	70
590M1	5	N	N	70	150	150	2,000	30	500	50	150
591M1	2	N	N	30	100	100	100	N	50	20	30
592M1	3	N	N	50	200	70	100	N	100	70	30
594M1	7	N	N	30	100	100	200	7	150	50	50
595M1	7	<20	N	20	70	100	200	N	150	50	70
596M1	5	<20	N	100	70	10,000	700	N	200	30	100
597M1	5	<20	N	20	70	150	100	<10	200	15	150
598M1	5	30	N	30	70	150	100	N	70	20	100
599M1	5	20	N	20	100	100	100	N	<50	20	70

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
544M1	N	50	N	300	200	N	70	N	150	--
545M1	N	50	N	300	200	N	150	N	200	--
555M1	N	70	50	1,000	200	N	1,000	N	>2,000	500
556M1	N	70	50	<200	100	N	1,000	N	>2,000	200
557M1	N	70	20	700	500	N	700	N	>2,000	N
558M1	N	70	70	500	500	N	200	N	500	N
559M1	N	70	N	700	500	<100	150	500	200	N
560M1	N	70	N	1,000	500	N	200	N	700	N
561M1	N	100	20	700	300	N	500	N	2,000	200
562M1	N	70	N	1,000	500	N	500	N	2,000	500
563M1	N	70	1,500	N	500	N	3,000	N	>2,000	5,000
564M1	N	70	50	700	300	N	700	N	1,500	500
565M1	N	50	N	500	300	N	500	N	700	300
566M1	N	50	N	500	500	N	1,000	N	>2,000	<200
567M1	N	70	N	500	500	<100	500	N	>2,000	300
568M1	N	50	N	300	500	N	300	N	500	N
569M1	N	50	N	300	500	N	2,000	N	1,500	3,000
570M1	N	50	50	500	300	N	1,000	N	>2,000	1,000
572M1	N	50	30	500	300	N	1,500	N	2,000	1,000
573M1	N	70	N	700	500	N	700	N	700	200
574M1	N	70	N	700	300	N	300	N	1,000	<200
575M1	N	50	N	700	300	N	1,500	N	2,000	700
576M1	N	50	N	300	300	N	1,000	N	>2,000	<200
577M1	N	50	N	700	300	N	1,000	N	1,500	<200
578M1	N	70	20	500	300	N	1,500	N	>2,000	700
579M1	N	50	N	700	300	N	1,000	N	1,500	300
580M1	<200	70	30	N	100	<100	5,000	N	>2,000	5,000
581M1	N	50	N	700	300	N	1,000	N	2,000	1,000
582M1	N	70	N	1,000	500	N	700	N	1,000	N
583M1	N	100	N	700	500	1,000	150	N	1,500	N
584M1	N	50	N	700	300	N	150	700	200	N
585M1	N	50	N	500	500	N	150	N	300	N
586M1	N	50	N	700	300	N	200	N	300	N
587M1	N	50	N	300	300	N	500	N	2,000	500
588M1	N	70	50	200	500	150	1,500	N	>2,000	700
589M1	N	70	<20	700	500	N	500	N	200	N
590M1	N	50	N	500	500	N	1,000	N	>2,000	1,500
591M1	N	50	N	300	300	N	200	N	500	N
592M1	N	70	N	300	300	N	500	N	1,000	300
594M1	N	50	N	200	200	N	1,500	<500	2,000	2,000
595M1	N	70	30	500	300	N	300	N	2,000	N
596M1	N	70	N	300	200	N	300	<500	2,000	N
597M1	N	70	N	500	300	N	200	<500	700	N
598M1	N	70	N	300	300	N	200	N	500	N
599M1	N	50	N	500	300	N	100	500	150	N

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
600M1	35 41 35	105 46 42	7.0	.50	10.00	.7	3,000	N	N	N	100	50
601M1	35 40 20	105 45 50	20.0	.50	2.00	.7	2,000	N	N	N	1,000	500
602M1	35 39 1	105 46 30	7.0	1.00	7.00	.7	3,000	N	N	N	700	200
603M1	35 46 12	105 44 9	>50.0	.50	1.50	>2.0	3,000	N	N	N	<20	100
604M1	35 46 37	105 43 53	>50.0	3.00	3.00	>2.0	>10,000	N	N	N	<20	300
605M1	35 46 34	105 43 57	50.0	3.00	3.00	>2.0	7,000	N	N	N	<20	700
606M1	35 46 11	105 42 52	>50.0	1.50	1.00	>2.0	>10,000	N	N	N	30	700
607M1	35 46 13	105 42 56	>50.0	1.50	1.00	>2.0	>10,000	N	N	N	<20	200
608M1	35 42 29	105 44 6	>50.0	.30	.30	>2.0	3,000	N	N	N	N	N
609M1	35 42 37	105 44 12	>50.0	.50	.70	>2.0	3,000	N	N	N	<20	50
610M1	35 42 42	105 44 18	30.0	.30	1.50	>2.0	3,000	N	N	N	N	200
611M1	35 52 7	105 29 11	50.0	.70	.70	.7	2,000	N	N	N	50	<50

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
600M1	2	<20	N	10	70	15	500	N	150	N	70
601M1	2	<20	N	50	100	50	700	N	100	30	50
602M1	2	<20	N	20	50	20	50	N	<50	20	30
603M1	N	N	N	70	300	15	50	N	50	30	<20
604M1	<2	N	N	50	300	70	70	N	70	30	<20
605M1	5	N	N	70	300	150	150	N	150	30	70
606M1	N	N	N	70	700	30	100	N	150	150	70
607M1	N	N	N	70	300	30	150	N	100	30	50
608M1	N	N	N	70	700	30	150	N	<50	100	<20
609M1	N	N	N	70	500	30	200	N	50	70	<20
610M1	N	N	N	30	300	30	300	N	70	70	<20
611M1	<2	N	N	70	700	200	70	N	N	150	<20

TABLE 4. ANALYSES OF M1 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
600M1	N	150	20	500	200	N	200	N	>2,000	<200
601M1	N	20	<20	300	300	<100	200	N	1,000	<200
602M1	N	50	<20	500	150	N	100	N	500	N
603M1	N	30	N	200	700	<100	70	N	700	--
604M1	N	150	30	200	1,500	<100	150	N	>2,000	--
605M1	N	100	30	300	700	<100	150	N	>2,000	--
606M1	N	70	N	200	1,500	<100	150	N	700	--
607M1	N	70	N	200	1,500	<100	150	N	1,000	--
608M1	N	30	N	200	700	N	70	N	700	--
609M1	N	30	N	200	700	150	150	N	700	--
610M1	N	50	N	200	300	<100	150	N	700	--
611M1	N	30	N	<200	700	<100	30	N	100	--

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO
[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
006M.5	35 50 24	105 38 12	30	.70	1.00	>2.0	10,000	N	N	N	200	100
008M.5	35 53 22	105 37 54	30	.50	.20	1.5	10,000	N	N	N	1,000	100
009M.5	35 53 41	105 39 33	20	.70	1.00	.5	>10,000	N	N	N	700	<50
014M.5	35 58 58	105 37 13	30	.10	<.10	2.0	10,000	N	N	N	500	<50
015M.5	35 59 8	105 37 2	30	.10	<.10	>2.0	10,000	N	N	N	700	<50
016M.5	35 59 2	105 36 59	30	.10	<.10	2.0	5,000	N	N	N	700	100
017M.5	35 59 6	105 37 1	30	.10	<.10	2.0	10,000	N	N	N	700	50
019M.5	35 59 18	105 36 36	30	.10	.10	2.0	10,000	N	N	N	300	50
020M.5	35 59 21	105 36 35	30	.15	.10	2.0	3,000	N	N	N	200	70
021M.5	35 59 52	105 36 26	30	.15	.15	1.5	10,000	N	<500	N	300	500
043M.5	35 55 50	105 40 13	30	.15	.15	1.0	10,000	N	N	N	300	<50
044M.5	35 56 15	105 42 1	20	1.00	1.50	2.0	10,000	N	N	N	200	70
045M.5	35 57 15	105 40 10	30	.70	1.00	>2.0	7,000	N	N	N	150	150
049M.5	35 52 13	105 34 38	20	.70	1.00	1.5	10,000	N	N	N	150	100
056M.5	35 53 22	105 29 19	30	.70	.50	1.0	10,000	N	N	N	150	300
062M.5	35 57 37	105 37 40	15	2.00	2.00	2.0	10,000	N	N	N	100	150
063M.5	35 57 40	105 37 40	20	2.00	3.00	2.0	10,000	N	N	N	150	50
066M.5	35 57 34	105 35 34	30	.50	1.00	1.5	10,000	N	N	N	300	200
067M.5	35 57 29	105 35 40	30	.30	.70	2.0	10,000	N	N	N	200	150
085M.5	35 54 59	105 28 49	30	.50	.50	2.0	10,000	N	N	N	150	150
094M.5	35 51 53	105 40 49	20	2.00	3.00	2.0	5,000	N	N	N	150	200
095M.5	35 51 42	105 40 53	20	3.00	3.00	2.0	7,000	N	N	N	150	150
096M.5	35 54 12	105 42 35	20	3.00	3.00	2.0	10,000	N	N	N	100	150
097M.5	35 54 3	105 42 29	15	3.00	2.00	2.0	5,000	N	N	N	30	200
098M.5	35 54 2	105 42 22	20	3.00	3.00	2.0	10,000	N	N	N	1,500	200
099M.5	35 53 33	105 42 37	20	3.00	3.00	2.0	5,000	N	N	N	70	200
100M.5	35 53 11	105 42 49	20	3.00	3.00	2.0	5,000	N	N	N	100	300
102M.5	35 52 40	105 42 36	20	5.00	3.00	2.0	5,000	N	N	N	100	200
106M.5	35 51 38	105 42 40	15	3.00	1.00	2.0	>10,000	N	N	N	50	150
107M.5	35 51 29	105 42 30	20	1.00	3.00	>2.0	>10,000	N	N	N	200	150
108M.5	35 50 57	105 41 54	15	3.00	3.00	2.0	10,000	N	N	N	70	200
109M.5	35 50 55	105 40 45	20	3.00	2.00	2.0	10,000	N	N	N	200	100
122M.5	35 48 22	105 44 33	20	.20	3.00	>2.0	>10,000	N	N	N	100	150
123M.5	35 48 35	105 43 50	20	2.00	2.00	>2.0	10,000	N	N	N	200	150
127M.5	35 48 15	105 42 38	20	.50	3.00	>2.0	>10,000	N	N	N	200	150
128M.5	35 48 12	105 42 45	20	2.00	3.00	2.0	10,000	N	N	N	200	200
129M.5	35 47 41	105 42 40	20	2.00	2.00	2.0	>10,000	N	N	N	100	200
135M.5	35 49 55	105 43 32	20	1.00	2.00	>2.0	>10,000	N	N	N	100	100
136M.5	35 49 26	105 43 36	20	.50	2.00	>2.0	>10,000	N	N	N	70	150
137M.5	35 49 37	105 42 41	20	2.00	2.00	2.0	>10,000	N	N	N	1,000	150
138M.5	35 49 34	105 42 41	20	.30	2.00	>2.0	>10,000	N	N	N	70	100
141M.5	35 46 39	105 44 46	15	3.00	3.00	>2.0	7,000	N	N	N	50	100
143M.5	35 46 57	105 43 20	20	2.00	2.00	1.0	>10,000	N	N	N	70	70
145M.5	35 46 47	105 42 22	20	2.00	3.00	1.5	10,000	N	N	N	300	200
146M.5	35 46 12	105 44 4	15	3.00	3.00	2.0	7,000	N	N	N	N	200

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
006M.5	<2	N	N	70	200	20	<50	N	<50	100	20
008M.5	2	N	N	50	200	70	100	<10	<50	200	30
009M.5	<2	N	N	30	100	<10	<50	N	<50	10	<20
014M.5	100	N	N	30	200	10	100	N	100	100	<20
015M.5	100	N	N	50	200	<10	150	N	700	200	20
016M.5	5	N	N	20	300	<10	100	N	150	100	20
017M.5	<2	N	N	50	300	<10	100	N	150	150	<20
019M.5	<2	N	N	50	300	<10	100	N	500	100	<20
020M.5	<2	N	N	70	200	<10	100	N	300	150	<20
021M.5	<2	N	N	100	300	100	100	10	50	150	<20
043M.5	2	N	N	30	200	15	50	10	<50	100	<20
044M.5	<2	N	N	50	100	<10	100	N	50	70	<20
045M.5	10	N	N	50	500	<10	<50	N	<50	70	<20
049M.5	<2	N	N	50	100	15	50	N	<50	50	<20
056M.5	<2	N	N	50	100	15	50	N	<50	100	50
062M.5	<2	N	N	70	300	<10	70	N	<50	200	<20
063M.5	<2	N	N	70	300	<10	70	N	<50	150	<20
066M.5	<2	N	N	70	500	100	70	10	500	300	70
067M.5	<2	N	N	50	200	100	50	10	50	300	50
085M.5	<2	N	N	70	200	<10	100	N	<50	70	<20
094M.5	<2	N	N	70	200	15	50	10	<50	200	<20
095M.5	<2	N	N	50	200	<10	100	N	50	150	20
096M.5	3	N	N	50	100	<10	300	<10	50	70	20
097M.5	2	N	N	50	100	200	70	N	70	70	20
098M.5	<2	N	N	30	300	15	70	<10	70	100	30
099M.5	3	N	N	100	300	10	150	N	50	150	<20
100M.5	5	N	N	70	200	10	70	N	50	100	20
102M.5	<2	N	N	50	200	<10	200	N	50	100	30
106M.5	<2	N	N	70	100	<10	150	N	50	30	<20
107M.5	<2	N	N	50	200	<10	70	N	50	10	20
108M.5	<2	N	N	50	200	<10	100	N	50	50	20
109M.5	<2	N	N	50	200	15	100	N	50	50	<20
122M.5	<2	N	N	50	20	<10	70	N	150	<10	20
123M.5	<2	N	N	50	20	20	200	N	100	<10	<20
127M.5	<2	N	N	70	150	<10	300	10	300	70	30
128M.5	<2	N	N	50	200	<10	150	N	50	70	20
129M.5	<2	N	N	50	200	<10	100	N	<50	70	<20
135M.5	<2	N	N	50	70	<10	100	N	100	20	20
136M.5	<2	N	N	50	70	15	100	<10	200	<10	20
137M.5	2	N	N	50	70	<10	200	<10	100	50	30
138M.5	<2	N	N	50	50	<10	100	N	200	<10	20
141M.5	<2	N	N	70	<20	15	100	N	50	10	<20
143M.5	N	N	N	50	200	15	50	N	<50	50	<20
145M.5	<2	N	N	50	200	20	70	N	<50	70	30
146M.5	<2	N	N	100	100	10	70	N	70	50	20

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
006M.5	N	50	N	N	500	N	300	500	500	--
008M.5	N	50	N	N	300	N	2,000	700	700	--
009M.5	N	70	N	N	200	N	1,000	N	500	--
014M.5	N	50	N	N	500	N	1,000	N	1,000	--
015M.5	N	50	N	N	500	<100	1,000	N	1,500	--
016M.5	N	30	N	N	500	N	1,500	N	1,000	--
017M.5	N	50	N	N	500	N	200	N	1,000	--
019M.5	N	50	N	N	500	<100	1,000	N	1,000	--
020M.5	N	50	N	N	500	<100	300	N	1,000	--
021M.5	N	30	N	N	200	N	500	500	1,000	--
043M.5	N	30	N	N	1,000	N	200	500	700	--
044M.5	N	70	N	N	500	N	1,500	500	500	--
045M.5	N	70	N	N	1,000	N	100	500	500	--
049M.5	N	100	N	N	300	N	500	500	300	--
056M.5	N	70	N	N	200	N	200	N	500	--
062M.5	N	70	N	N	500	N	500	<500	500	--
063M.5	N	70	N	N	700	N	200	<500	500	--
066M.5	N	30	N	N	300	<100	1,500	1,000	1,000	--
067M.5	N	30	N	N	500	N	700	N	1,000	--
085M.5	N	70	N	N	500	N	500	N	500	--
094M.5	N	70	N	N	700	N	500	500	700	--
095M.5	N	70	N	N	700	N	2,000	500	700	--
096M.5	N	70	N	N	500	N	500	500	700	--
097M.5	N	70	N	N	500	N	300	500	700	--
098M.5	N	50	N	N	300	N	3,000	700	500	--
099M.5	N	70	N	N	500	N	200	500	700	--
100M.5	N	70	N	N	500	N	200	700	700	--
102M.5	N	70	N	N	500	N	200	500	300	--
106M.5	N	70	N	N	500	N	300	<500	500	--
107M.5	N	50	N	N	500	N	700	500	500	--
108M.5	N	70	N	N	300	N	300	500	500	--
109M.5	N	70	N	N	500	N	500	500	500	--
122M.5	N	70	N	300	100	<100	700	500	700	--
123M.5	N	70	N	200	200	N	200	500	500	--
127M.5	N	70	N	<200	500	<100	1,000	500	500	--
128M.5	N	50	N	N	500	N	200	500	500	--
129M.5	N	70	N	N	500	N	200	500	150	--
135M.5	N	70	N	N	500	N	500	500	200	--
136M.5	N	70	N	200	300	N	500	500	500	--
137M.5	N	70	N	N	300	N	500	<500	500	--
138M.5	N	70	N	200	200	<100	700	500	500	--
141M.5	N	50	N	N	500	N	150	500	500	--
143M.5	N	70	N	N	300	N	200	<500	100	--
145M.5	N	70	N	N	500	N	200	<500	500	--
146M.5	N	70	N	N	500	N	200	500	500	--

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
147M.5	35 46 15	105 43 13	15	3.00	3.00	2.0	10,000	N	N	N	20	150
153M.5	35 47 22	105 38 32	10	3.00	3.00	1.5	7,000	N	N	N	<20	100
157M.5	35 47 40	105 43 29	15	3.00	3.00	>2.0	10,000	N	N	N	N	100
158M.5	35 47 46	105 43 24	10	1.50	2.00	>2.0	10,000	N	N	N	30	200
167M.5	35 52 15	105 39 9	20	.70	1.00	>2.0	10,000	N	N	N	5,000	100
168M.5	35 52 19	105 39 11	30	.50	.50	.7	10,000	N	N	N	2,000	100
178M.5	36 1 23	105 31 48	50	.20	.20	.1	5,000	N	N	N	<20	300
189M.5	35 59 5	105 34 30	30	.20	.20	.2	2,000	N	N	N	20	200
193M.5	36 0 9	105 34 31	30	.70	.15	1.5	1,000	N	N	N	<20	200
233M.5	35 58 11	105 46 11	30	1.00	1.50	>2.0	10,000	N	N	N	<20	70
238M.5	35 58 46	105 48 25	20	1.00	1.50	>2.0	10,000	N	N	N	N	70
241M.5	35 55 6	105 30 47	20	1.00	1.00	.7	10,000	N	N	N	<20	<50
245M.5	35 53 37	105 31 46	20	1.00	.20	.7	10,000	N	N	N	<20	150
248M.5	35 56 19	105 30 32	30	.10	.10	.2	10,000	N	N	N	<20	300
251M.5	35 54 46	105 30 45	20	1.00	.50	1.0	>10,000	N	N	N	<20	<50
255M.5	35 50 32	105 51 40	10	3.00	3.00	1.5	2,000	N	N	N	N	200
256M.5	35 48 45	105 45 56	10	2.00	3.00	2.0	7,000	N	N	N	N	150
267M.5	35 50 40	105 50 45	20	1.00	1.50	>2.0	10,000	N	N	N	<20	200
273M.5	35 51 13	105 49 45	20	.70	.50	>2.0	10,000	N	N	N	<20	150
275M.5	35 51 30	105 46 47	10	2.00	2.00	2.0	>10,000	N	N	N	N	<50
276M.5	35 51 33	105 46 42	10	2.00	2.00	2.0	>10,000	N	N	N	N	200
278M.5	35 51 47	105 47 2	15	.70	1.00	>2.0	>10,000	N	N	N	N	70
280M.5	35 51 54	105 47 45	20	3.00	2.00	>2.0	10,000	N	N	N	N	100
283M.5	35 51 22	105 49 21	20	2.00	1.50	>2.0	10,000	N	N	N	N	100
294M.5	35 51 21	105 35 11	20	1.00	1.50	1.0	10,000	N	N	N	500	200
295M.5	35 51 18	105 35 27	30	.20	1.00	.7	7,000	N	N	N	N	500
296M.5	35 50 22	105 32 39	20	3.00	2.00	.7	2,000	N	N	N	20	150
297M.5	35 49 48	105 32 55	20	.50	.50	2.0	5,000	N	N	N	500	100
298M.5	35 49 53	105 32 58	30	.20	.20	.7	5,000	N	N	N	<20	200
299M.5	35 49 19	105 33 28	30	.50	1.00	.7	5,000	N	N	N	20	200
300M.5	35 49 15	105 33 26	20	2.00	3.00	.7	3,000	N	N	N	500	200
302M.5	35 48 10	105 34 53	20	2.00	3.00	1.0	5,000	N	N	N	N	150
304M.5	35 47 39	105 33 32	20	2.00	2.00	1.0	5,000	N	N	N	2,000	500
305M.5	35 47 42	105 33 24	15	3.00	3.00	1.0	3,000	N	N	N	200	200
306M.5	35 48 1	105 33 44	10	2.00	2.00	.7	3,000	N	N	N	50	150
307M.5	35 48 4	105 34 50	10	3.00	3.00	.7	2,000	N	N	N	20	150
310M.5	35 44 57	105 46 36	15	2.00	2.00	2.0	7,000	N	N	N	N	100
311M.5	35 44 44	105 46 32	20	2.00	2.00	>2.0	7,000	N	N	N	<20	100
316M.5	35 43 19	105 47 53	20	2.00	3.00	1.0	7,000	N	N	N	<20	100
318M.5	35 47 13	105 31 30	15	2.00	3.00	1.0	2,000	N	N	N	70	100
319M.5	35 47 11	105 31 36	10	2.00	3.00	1.0	2,000	N	N	N	70	150
320M.5	35 47 1	105 31 27	15	2.00	3.00	1.0	2,000	N	N	N	20	100
321M.5	35 46 56	105 31 31	15	3.00	3.00	.7	5,000	N	N	N	100	150
323M.5	35 46 42	105 31 8	10	5.00	3.00	1.0	7,000	N	N	N	150	100
325M.5	35 46 34	105 30 36	10	5.00	3.00	1.0	3,000	N	N	N	150	150

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
147M.5	<2	N	N	100	200	15	70	N	50	70	20
153M.5	<2	N	N	70	200	10	<50	N	<50	150	<20
157M.5	<2	N	N	70	200	<10	50	N	100	100	30
158M.5	<2	N	N	70	70	50	300	N	150	10	30
167M.5	N	N	N	20	200	50	300	15	200	15	50
168M.5	3	N	N	50	200	100	100	30	50	200	100
178M.5	3	N	N	150	100	200	<50	50	<50	500	150
189M.5	3	N	N	100	100	100	<50	30	<50	300	100
193M.5	<2	N	N	70	200	50	<50	N	<50	200	100
233M.5	<2	N	N	50	200	10	70	N	70	100	30
238M.5	<2	N	N	50	300	<10	70	N	100	100	30
241M.5	<2	N	N	50	100	<10	<50	N	<50	10	20
245M.5	2	N	N	50	100	15	<50	N	<50	20	20
248M.5	10	N	N	150	150	30	<50	N	<50	200	100
251M.5	<2	N	N	50	100	<10	<50	N	<50	10	<20
255M.5	<2	N	N	70	150	50	<50	N	<50	100	<20
256M.5	<2	N	N	50	100	10	<50	N	<50	50	20
267M.5	<2	N	N	50	150	10	70	N	70	20	20
273M.5	<2	N	N	50	100	20	500	N	100	10	30
275M.5	<2	N	N	50	70	<10	<50	N	300	20	20
276M.5	<2	N	N	50	70	<10	<50	N	50	50	<20
278M.5	N	N	N	30	50	10	70	N	100	20	20
280M.5	<2	N	N	50	100	10	70	N	70	50	20
283M.5	<2	N	N	50	70	10	100	N	50	30	20
294M.5	2	N	N	50	100	20	100	N	<50	70	50
295M.5	5	N	N	50	100	20	200	N	<50	100	70
296M.5	3	N	N	70	100	20	70	N	100	70	50
297M.5	3	N	N	20	300	15	70	N	<50	70	70
298M.5	7	N	N	70	200	20	70	N	500	150	50
299M.5	7	N	N	70	150	30	70	N	200	100	70
300M.5	5	N	N	70	200	20	100	N	150	150	70
302M.5	<2	N	N	70	200	20	70	N	<50	100	50
304M.5	7	N	N	70	200	30	100	10	<50	150	70
305M.5	3	N	N	70	200	20	70	N	<50	150	50
306M.5	2	N	N	50	150	20	70	N	<50	100	30
307M.5	2	N	N	50	200	10	50	N	<50	100	20
310M.5	<2	N	N	50	150	10	500	N	70	100	30
311M.5	<2	N	N	70	150	10	500	N	70	70	20
316M.5	2	N	N	50	200	<10	300	N	50	100	30
318M.5	2	N	N	70	200	70	70	N	<50	100	30
319M.5	2	N	N	50	150	15	70	N	<50	70	30
320M.5	2	N	N	70	150	70	70	N	<50	100	20
321M.5	<2	N	N	50	150	50	70	N	<50	70	20
323M.5	3	N	N	100	100	50	70	N	<50	70	20
325M.5	2	N	N	100	150	50	70	N	<50	70	30

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
147M.5	N	70	N	N	500	N	200	500	500	--
153M.5	N	70	N	N	500	N	100	500	500	--
157M.5	N	70	N	200	300	N	200	500	500	--
158M.5	N	70	N	N	300	N	500	500	700	--
167M.5	N	50	N	N	300	N	5,000	500	1,000	--
168M.5	N	50	N	N	200	N	3,000	700	700	--
178M.5	N	15	N	N	70	N	150	1,000	50	--
189M.5	N	20	N	N	100	N	300	700	500	--
193M.5	N	30	N	N	300	N	500	500	1,000	--
233M.5	N	70	N	N	500	N	1,000	500	700	--
238M.5	N	50	N	N	500	N	2,000	500	500	--
241M.5	N	100	N	N	200	N	700	N	300	--
245M.5	N	70	N	N	150	N	700	N	200	--
248M.5	N	20	N	N	200	N	1,000	700	100	--
251M.5	N	100	N	N	100	N	700	N	200	--
255M.5	N	70	N	N	500	N	100	N	200	--
256M.5	N	70	N	N	500	N	500	<500	300	--
267M.5	N	50	N	N	500	N	1,000	N	1,000	--
273M.5	N	50	N	N	500	N	1,500	N	1,000	--
275M.5	N	70	N	N	300	<100	700	N	1,000	--
276M.5	N	70	N	N	500	N	500	500	500	--
278M.5	N	70	N	N	200	N	1,000	N	150	--
280M.5	N	70	N	N	500	N	500	N	200	--
283M.5	N	70	N	N	300	N	700	N	200	--
294M.5	N	70	N	<200	300	N	150	N	300	--
295M.5	N	50	N	<200	200	N	300	N	700	--
296M.5	N	70	N	N	700	N	200	N	150	--
297M.5	N	20	N	N	200	N	>5,000	700	1,000	--
298M.5	N	30	N	N	200	<100	1,000	1,000	500	--
299M.5	N	50	N	N	300	N	300	1,000	500	--
300M.5	N	70	N	N	500	N	200	N	150	--
302M.5	N	70	N	N	300	N	150	N	100	--
304M.5	N	70	N	N	300	N	500	N	200	--
305M.5	N	70	N	N	500	N	100	N	100	--
306M.5	N	70	N	N	300	N	100	N	200	--
307M.5	N	70	N	N	500	N	100	N	100	--
310M.5	N	70	N	<200	500	N	200	N	150	--
311M.5	N	70	N	<200	300	N	150	N	500	--
316M.5	N	70	N	N	500	N	200	N	500	--
318M.5	N	70	N	N	700	N	100	N	70	--
319M.5	N	70	N	N	700	N	100	N	70	--
320M.5	N	70	N	N	700	N	100	N	70	--
321M.5	N	70	N	N	700	N	150	N	100	--
323M.5	N	100	N	N	700	N	150	N	100	--
325M.5	N	100	N	N	500	N	100	N	100	--

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
326M.5	35 46 40	105 30 27	10	5.00	3.00	1.0	7,000	N	N	N	20	150
327M.5	35 46 44	105 30 13	10	5.00	3.00	1.0	3,000	N	N	N	20	100
328M.5	35 46 35	105 30 16	10	5.00	3.00	.7	7,000	N	N	N	50	200
330M.5	35 46 34	105 29 25	10	5.00	3.00	1.0	5,000	N	N	N	150	150
331M.5	35 48 18	105 30 34	10	5.00	5.00	1.5	2,000	N	N	N	20	300
333M.5	35 47 52	105 29 55	30	.20	.50	.5	2,000	N	N	N	500	300
338M.5	35 51 18	105 30 53	10	3.00	3.00	1.0	7,000	N	N	N	50	100
339M.5	35 51 16	105 30 29	10	2.00	3.00	1.0	7,000	N	N	N	200	100
346M.5	35 50 20	105 31 1	7	3.00	3.00	.7	3,000	N	N	N	50	150
347M.5	35 50 13	105 30 59	10	3.00	3.00	1.0	2,000	N	N	N	N	200
348M.5	35 50 22	105 30 44	10	3.00	5.00	1.0	7,000	N	N	N	300	300
349M.5	35 50 24	105 30 24	10	2.00	2.00	1.5	10,000	N	N	N	300	200
354M.5	35 46 36	105 29 6	10	2.00	3.00	1.0	7,000	N	N	N	100	100
355M.5	35 46 36	105 28 54	10	2.00	3.00	1.5	5,000	N	N	N	100	100
357M.5	35 46 21	105 27 56	15	1.50	2.00	1.0	3,000	N	N	N	200	300
358M.5	35 46 8	105 27 31	10	2.00	3.00	1.5	3,000	N	N	N	N	150
360M.5	35 46 26	105 28 28	10	2.00	3.00	2.0	3,000	N	N	N	20	100
361M.5	35 45 43	105 27 9	10	3.00	3.00	1.5	5,000	N	N	N	N	100
362M.5	35 45 39	105 26 59	10	2.00	3.00	1.5	5,000	N	N	N	50	100
364M.5	35 45 40	105 26 53	10	3.00	3.00	1.5	3,000	N	N	N	<20	100
365M.5	35 44 12	105 26 13	10	5.00	3.00	1.5	5,000	N	N	N	<20	70
366M.5	35 45 2	105 26 46	7	5.00	3.00	.7	2,000	N	N	N	<20	70
374M.5	35 59 33	105 30 26	20	.20	.15	.5	3,000	N	N	N	100	200
378M.5	35 59 44	105 28 54	20	.20	.15	.5	3,000	N	N	N	200	300
282M.5	35 52 11	105 45 34	7	5.00	3.00	1.5	3,000	N	N	N	N	70
384M.5	35 53 29	105 45 19	10	1.00	1.00	>2.0	5,000	N	N	N	N	70
399M.5	35 56 6	105 52 4	10	.70	.50	1.5	>10,000	N	N	N	500	200
405M.5	35 47 22	105 37 50	10	2.00	3.00	1.0	3,000	N	N	N	N	100
407M.5	35 54 41	105 42 6	7	2.00	3.00	1.5	3,000	N	N	N	70	150
409M.5	35 55 39	105 41 34	15	.50	.50	>2.0	10,000	N	N	N	20	<50
413M.5	35 57 1	105 43 29	15	.70	1.00	>2.0	10,000	N	N	N	<20	<50
414M.5	35 57 6	105 43 49	10	.70	1.00	>2.0	10,000	N	N	N	N	150
417M.5	35 57 23	105 44 19	10	1.00	1.50	2.0	7,000	N	N	N	50	150
422M.5	36 2 6	105 37 3	15	.10	<.10	2.0	1,500	N	N	N	70	150
428M.5	36 3 10	105 36 59	10	.20	.20	2.0	3,000	N	N	N	70	150
442M.5	36 5 5	105 36 21	10	.20	.20	.7	2,000	N	N	N	100	200
444M.5	36 5 28	105 36 27	15	.20	.20	.7	7,000	N	N	N	50	300
445M.5	36 0 48	105 39 49	10	2.00	2.00	1.0	5,000	N	N	N	<20	100
446M.5	36 2 35	105 40 23	20	.05	<.10	1.5	700	N	N	N	<20	100
447M.5	36 0 38	105 39 20	20	.07	<.10	1.5	700	N	N	N	100	70
448M.5	36 0 52	105 39 45	20	.07	<.10	1.5	5,000	N	N	N	20	70
454M.5	36 1 55	105 39 24	10	.20	.20	1.0	>10,000	N	N	N	N	<50
455M.5	36 2 14	105 39 48	7	2.00	3.00	>2.0	2,000	N	N	N	N	100
457M.5	35 57 54	105 39 25	10	1.50	2.00	>2.0	10,000	N	N	N	N	100
460M.5	35 58 57	105 41 4	10	1.50	1.00	>2.0	>10,000	N	N	N	N	100

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
326M.5	2	N	N	100	100	50	70	N	<50	50	50
327M.5	3	N	N	100	150	30	70	N	<50	70	20
328M.5	<2	N	N	100	150	70	70	N	<50	70	50
330M.5	2	N	N	100	150	50	70	N	<50	50	20
331M.5	2	N	N	100	150	50	150	N	<50	100	20
333M.5	10	N	N	100	300	100	70	10	<50	300	100
338M.5	<2	N	N	70	200	<10	50	N	<50	150	<20
339M.5	2	N	N	50	300	<10	70	N	<50	100	20
346M.5	<2	N	N	70	200	15	150	N	<50	100	20
347M.5	2	N	N	70	200	20	100	N	<50	100	20
348M.5	<2	N	N	50	300	20	100	N	<50	100	30
349M.5	<2	N	N	50	300	<10	100	N	<50	100	20
354M.5	<2	N	N	70	200	30	50	N	<50	70	<20
355M.5	<2	N	N	70	200	15	70	N	<50	70	<20
357M.5	3	N	N	50	200	70	50	N	<50	150	70
358M.5	2	N	N	70	200	50	70	N	<50	100	<20
360M.5	<2	N	N	70	200	30	50	N	<50	70	20
361M.5	<2	N	N	70	200	<10	50	N	<50	70	<20
362M.5	<2	N	N	70	200	30	70	N	<50	70	<20
364M.5	<2	N	N	70	200	20	50	N	<50	100	<20
365M.5	<2	N	N	100	200	20	70	N	50	100	30
366M.5	<2	N	N	100	300	10	50	N	<50	100	20
374M.5	10	N	N	100	150	100	70	10	<50	200	50
378M.5	7	N	N	100	200	100	70	N	<50	300	70
282M.5	<2	N	N	100	300	10	50	N	<50	150	20
384M.5	<2	N	N	50	200	15	150	N	70	50	30
399M.5	<2	N	N	30	200	15	300	N	50	30	30
405M.5	<2	N	N	70	200	20	50	N	<50	150	20
407M.5	<2	N	N	100	70	10	50	N	<50	70	<20
409M.5	<2	N	N	20	150	<10	<50	N	<50	20	<20
413M.5	<2	N	N	30	200	<10	100	N	150	30	70
414M.5	<2	N	N	100	200	70	50	N	300	70	100
417M.5	<2	N	N	50	200	70	50	N	200	70	100
422M.5	2	N	N	70	200	70	100	N	70	500	70
428M.5	<2	N	N	50	200	50	100	N	500	100	50
442M.5	7	N	N	70	200	70	70	20	70	300	100
444M.5	7	N	N	70	200	70	70	20	70	200	100
445M.5	<2	N	N	50	200	15	150	N	200	100	50
446M.5	<2	N	N	50	300	<10	100	N	200	200	20
447M.5	5	N	N	50	300	<10	100	N	200	100	20
448M.5	<2	N	N	50	200	<10	100	N	700	100	20
454M.5	<2	<20	70	20	200	10	100	N	>5,000	<10	<20
455M.5	<2	N	N	50	150	20	70	N	50	100	<20
457M.5	N	N	N	50	200	N	70	N	<50	70	20
460M.5	N	N	N	50	300	<10	<50	N	<50	100	<20

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
326M.5	N	70	N	N	500	N	150	N	100	--
327M.5	N	100	N	N	700	N	100	N	100	--
328M.5	N	70	N	N	500	N	150	N	100	--
330M.5	N	70	N	N	500	N	150	N	100	--
331M.5	N	70	N	200	700	N	150	N	150	--
333M.5	N	50	N	N	200	N	150	1,000	100	--
338M.5	N	70	N	N	500	N	150	N	100	--
339M.5	N	70	<20	N	500	N	200	N	150	--
346M.5	N	70	N	<200	500	N	100	N	100	--
347M.5	N	100	N	500	500	N	100	N	700	--
348M.5	N	70	<20	500	500	N	200	N	500	--
349M.5	N	70	<20	500	500	N	300	N	500	--
354M.5	N	100	N	N	500	N	150	N	300	--
355M.5	N	100	N	N	500	N	300	N	100	--
357M.5	N	70	N	N	500	N	150	1,000	150	--
358M.5	N	70	N	N	500	N	100	N	300	--
360M.5	N	70	N	N	500	N	100	N	100	--
361M.5	N	70	N	N	500	N	150	N	150	--
362M.5	N	70	N	N	500	N	150	N	100	--
364M.5	N	70	N	N	500	N	100	N	100	--
365M.5	N	70	N	N	500	N	200	N	100	--
366M.5	N	70	N	N	500	N	150	N	70	--
374M.5	N	50	N	N	200	N	500	1,000	150	--
378M.5	N	50	N	N	200	N	200	1,000	200	--
282M.5	N	70	N	N	500	N	200	N	200	--
384M.5	N	70	30	N	500	N	2,000	N	500	--
399M.5	N	70	50	N	300	N	2,000	N	1,000	--
405M.5	N	70	N	N	500	N	150	N	200	--
407M.5	N	70	N	N	700	N	100	N	200	--
409M.5	N	50	N	N	200	N	700	N	200	--
413M.5	N	50	20	N	500	N	500	1,000	700	--
414M.5	N	50	50	N	300	<100	3,000	1,000	700	--
417M.5	N	50	50	N	300	<100	3,000	700	700	--
422M.5	N	50	20	300	300	N	300	N	1,500	--
428M.5	N	50	<20	N	300	100	1,500	N	1,000	--
442M.5	N	30	N	N	200	N	1,500	N	700	--
444M.5	N	50	50	N	200	N	3,000	700	700	--
445M.5	N	70	20	<200	300	<100	200	N	300	--
446M.5	N	50	<20	N	500	N	300	N	1,500	--
447M.5	N	50	<20	N	500	N	500	N	2,000	--
448M.5	N	50	<20	N	500	100	500	N	1,500	--
454M.5	500	30	30	N	200	700	1,500	N	>2,000	--
455M.5	N	70	N	N	300	N	100	N	100	--
457M.5	N	50	20	N	300	N	200	N	200	--
460M.5	N	50	20	N	200	N	500	N	300	--

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
461M.5	35 59 8	105 41 34	10	1.50	1.50	>2.0	10,000	N	N	N	100	70
464M.5	35 59 44	105 42 14	20	.30	.50	2.0	10,000	N	N	N	N	70
466M.5	35 59 56	105 42 5	20	.30	.70	>2.0	>10,000	N	N	N	N	50
467M.5	36 0 15	105 42 20	20	.50	1.00	>2.0	10,000	N	N	N	N	70
473M.5	35 44 52	105 44 18	10	1.00	1.50	>2.0	7,000	N	N	N	50	150
474M.5	35 44 46	105 44 20	7	2.00	2.00	2.0	5,000	N	N	N	N	70
475M.5	35 44 49	105 44 9	10	2.00	1.50	2.0	3,000	N	N	N	200	200
476M.5	35 44 24	105 44 11	10	1.50	1.50	>2.0	3,000	N	N	N	200	150
478M.5	35 44 4	105 44 24	10	1.00	1.00	>2.0	7,000	N	N	N	N	<50
480M.5	35 43 39	105 44 25	10	1.50	2.00	>2.0	2,000	N	N	N	200	100
481M.5	35 43 26	105 44 31	10	2.00	3.00	>2.0	3,000	N	N	N	<20	70
488M.5	35 53 58	105 44 34	15	.50	1.00	>2.0	10,000	N	N	N	N	100
490M.5	35 54 15	105 43 49	10	1.50	1.50	1.0	3,000	N	N	N	N	150
494M.5	35 55 7	105 42 56	10	2.00	2.00	2.0	5,000	N	N	N	70	150
496M.5	35 55 44	105 45 19	10	1.50	2.00	2.0	5,000	N	N	N	N	100
483M.5	35 43 9	105 45 42	7	1.50	2.00	2.0	5,000	N	N	N	N	150
484M.5	35 43 8	105 45 34	7	2.00	2.00	1.5	5,000	N	N	N	N	100
485M.5	35 43 15	105 45 31	7	2.00	3.00	>2.0	5,000	N	N	N	N	70
504M.5	35 53 51	105 52 22	15	.20	.50	>2.0	>10,000	N	N	N	<20	<50
510M.5	35 57 24	105 48 54	10	2.00	1.00	2.0	7,000	N	N	N	<20	200
511M.5	35 58 37	105 48 57	10	.50	1.00	>2.0	7,000	N	N	N	<20	100
515M.5	35 59 0	105 51 28	15	.15	.20	2.0	10,000	N	N	N	<20	<50
528M.5	35 56 39	105 48 56	15	.15	.30	>2.0	10,000	N	N	N	<20	70
530M.5	35 42 33	105 44 17	15	.50	.70	.7	5,000	N	N	N	50	100
531M.5	35 42 35	105 44 10	7	2.00	2.00	1.5	3,000	N	N	N	N	100
532M.5	35 42 28	105 44 3	7	2.00	1.50	.7	5,000	N	N	N	100	300
533M.5	35 42 44	105 44 13	10	1.50	2.00	.7	7,000	N	N	N	N	200
555M.5	35 43 5	105 48 4	20	3.00	7.00	1.0	2,000	N	N	N	50	200
556M.5	35 41 45	105 48 46	30	1.50	5.00	1.5	1,500	N	N	N	100	100
557M.5	35 41 32	105 48 56	15	2.00	10.00	1.5	3,000	N	N	N	50	200
558M.5	35 41 19	105 49 12	15	2.00	20.00	.7	1,500	N	N	N	70	200
559M.5	35 41 14	105 49 22	15	5.00	7.00	1.0	2,000	N	N	N	70	200
560M.5	35 41 9	105 49 33	15	5.00	10.00	.7	1,500	N	N	N	100	200
561M.5	35 41 0	105 49 51	20	5.00	10.00	.7	1,500	N	N	N	100	100
562M.5	35 41 7	105 50 10	15	5.00	10.00	1.0	1,500	N	N	N	50	100
563M.5	35 40 25	105 51 17	50	1.00	7.00	1.5	1,500	N	N	N	100	70
564M.5	35 41 12	105 51 30	20	5.00	10.00	1.0	2,000	N	N	N	70	150
565M.5	35 41 14	105 53 0	20	3.00	10.00	.7	2,000	N	N	N	100	150
566M.5	35 42 35	105 48 20	50	2.00	3.00	1.5	1,500	N	N	N	150	300
567M.5	35 41 34	105 49 39	50	3.00	7.00	1.5	2,000	N	N	N	100	100
568M.5	35 41 19	105 50 30	50	5.00	10.00	1.0	2,000	N	N	N	100	100
569M.5	35 41 17	105 50 59	30	5.00	10.00	1.5	1,500	N	N	N	50	70
570M.5	35 41 24	105 51 48	20	5.00	10.00	1.5	1,500	N	N	N	50	50
571M.5	35 41 20	105 51 42	20	2.00	15.00	1.5	1,500	N	N	N	150	50
572M.5	35 40 53	105 52 46	50	5.00	10.00	1.5	5,000	N	N	N	70	200

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
461M.5	N	N	N	70	200	N	100	N	50	100	<20
464M.5	N	N	N	20	200	20	100	N	150	<10	20
466M.5	N	N	N	70	200	N	50	N	500	100	<20
467M.5	N	N	N	30	200	10	100	N	100	50	30
473M.5	<2	N	N	50	100	20	50	N	100	15	30
474M.5	<2	N	N	50	100	10	<50	N	<50	30	20
475M.5	<2	N	N	70	300	20	700	N	70	200	100
476M.5	<2	N	N	100	700	15	2,000	N	70	200	70
478M.5	N	N	N	20	50	<10	50	N	150	<10	20
480M.5	N	N	N	50	70	30	<50	N	<50	50	<20
481M.5	N	N	N	50	50	15	<50	N	<50	30	<20
488M.5	N	N	N	50	100	10	70	N	70	20	50
490M.5	2	N	N	50	200	15	200	N	100	70	30
494M.5	<2	N	N	50	150	10	70	N	50	30	20
496M.5	N	N	N	50	200	10	100	N	<50	100	20
483M.5	<2	N	N	50	150	10	100	N	50	50	20
484M.5	<2	N	N	50	150	10	70	N	<50	70	<20
485M.5	N	N	N	100	100	10	70	N	<50	50	<20
504M.5	N	N	N	20	200	10	150	N	50	10	<20
510M.5	N	N	N	30	200	10	70	N	50	30	20
511M.5	N	N	N	20	200	10	70	N	50	10	20
515M.5	N	N	N	20	300	<10	150	N	50	10	20
528M.5	N	N	N	20	200	<10	70	N	50	10	20
530M.5	<2	N	N	50	200	20	50	10	<50	50	70
531M.5	<2	N	N	50	150	15	200	N	<50	50	20
532M.5	<2	N	N	50	200	30	50	N	<50	30	<20
533M.5	<2	N	N	70	200	30	200	N	<50	20	20
555M.5	2	N	N	100	100	50	300	N	200	100	70
556M.5	3	N	N	50	300	150	300	N	1,000	30	100
557M.5	5	N	N	70	150	70	150	N	50	70	150
558M.5	3	20	N	20	150	15	100	N	N	20	100
559M.5	3	N	N	70	100	50	N	N	N	50	50
560M.5	2	<20	N	100	150	70	100	10	200	50	50
561M.5	<2	N	N	100	300	70	100	<10	100	70	50
562M.5	2	N	N	100	200	50	100	N	N	70	50
563M.5	7	N	N	70	150	150	500	30	1,500	50	150
564M.5	2	N	N	100	200	70	300	<10	100	70	50
565M.5	<2	N	N	70	700	30	150	N	N	70	20
566M.5	3	N	N	200	70	100	150	10	<50	70	70
567M.5	2	N	N	150	150	70	100	N	50	70	100
568M.5	<2	N	N	150	200	50	100	N	N	70	20
569M.5	<2	N	N	100	150	20	150	N	50	70	20
570M.5	<2	<20	N	150	150	30	200	N	100	100	70
571M.5	2	<20	N	70	300	15	1,500	N	300	50	100
572M.5	2	N	N	100	200	30	500	N	<50	70	50

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
461M.5	N	70	20	N	200	N	300	N	200	--
464M.5	N	50	30	N	300	N	2,000	700	1,000	--
466M.5	N	50	N	N	200	<100	1,000	N	1,000	--
467M.5	N	50	20	N	300	N	2,000	700	1,000	--
473M.5	N	50	N	N	300	N	150	N	700	--
474M.5	N	50	N	N	300	N	100	N	100	--
475M.5	N	50	N	N	300	N	200	N	2,000	--
476M.5	N	50	N	300	300	N	200	N	2,000	--
478M.5	N	30	N	N	200	N	200	N	700	--
480M.5	N	50	N	N	300	N	50	N	70	--
481M.5	N	50	N	N	300	N	70	N	50	--
488M.5	N	70	30	N	500	N	2,000	N	200	--
490M.5	N	70	30	N	300	N	300	N	1,500	--
494M.5	N	70	30	N	500	N	150	N	700	--
496M.5	N	50	20	N	300	N	2,000	N	700	--
483M.5	N	70	20	200	200	N	150	N	700	--
484M.5	N	70	N	N	300	N	150	N	100	--
485M.5	N	70	N	N	200	N	100	N	150	--
504M.5	N	50	30	N	500	N	1,500	N	500	--
510M.5	N	50	20	N	500	N	200	N	500	--
511M.5	N	50	20	N	700	N	200	N	700	--
515M.5	N	50	20	N	500	N	300	N	500	--
528M.5	N	50	20	N	700	N	1,500	N	500	--
530M.5	N	50	N	N	700	N	150	N	500	--
531M.5	N	70	20	N	300	N	200	N	200	--
532M.5	N	70	N	N	500	N	200	N	70	--
533M.5	N	70	<20	N	300	N	150	N	100	--
555M.5	N	70	N	700	200	N	500	N	>5,000	N
556M.5	N	70	50	N	200	N	3,000	N	>5,000	<200
557M.5	N	70	300	700	300	N	700	N	300	N
558M.5	N	100	N	700	300	N	150	N	200	N
559M.5	N	70	N	500	300	N	100	N	200	N
560M.5	N	70	N	700	300	N	100	N	150	N
561M.5	N	70	N	300	300	N	200	N	200	N
562M.5	N	100	N	500	300	N	70	N	700	N
563M.5	N	70	50	300	200	<100	3,000	N	>5,000	500
564M.5	N	100	N	700	200	N	300	N	200	N
565M.5	N	50	N	500	300	N	150	N	200	N
566M.5	N	70	N	500	300	N	1,000	N	2,000	N
567M.5	N	100	N	500	300	N	200	N	500	N
568M.5	N	70	N	300	300	N	150	N	150	N
569M.5	N	100	N	200	500	N	150	N	150	N
570M.5	N	100	N	700	300	N	200	N	1,500	N
571M.5	N	150	N	1,000	500	N	1,000	N	>5,000	200
572M.5	N	70	N	200	500	N	200	N	500	N

TABLE 5. ANALYSES OF H.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
573M.5	35 42 39	105 52 40	30	5.00	10.00	1.0	2,000	N	N	N	70	200
574M.5	35 42 35	105 52 48	20	5.00	7.00	1.0	2,000	N	N	N	50	150
575M.5	35 41 48	105 52 57	30	3.00	7.00	1.0	2,000	N	N	N	70	200
576M.5	35 38 8	105 50 6	30	2.00	10.00	1.0	3,000	N	N	N	300	200
577M.5	35 38 57	105 49 51	20	2.00	7.00	1.0	2,000	N	N	N	200	300
578M.5	35 39 3	105 49 51	20	5.00	10.00	1.5	1,500	N	N	N	300	150
579M.5	35 39 10	105 49 46	20	1.50	7.00	1.5	2,000	N	N	N	200	100
580M.5	35 39 12	105 49 49	>50	2.00	.70	1.0	1,000	N	N	N	150	300
581M.5	35 38 35	105 49 52	30	1.50	1.50	.7	1,500	N	N	N	500	100
582M.5	35 40 25	105 45 54	20	3.00	10.00	1.0	1,500	N	N	N	1,000	150
583M.5	35 40 26	105 46 26	20	3.00	10.00	1.5	3,000	N	N	N	500	300
584M.5	35 40 14	105 46 44	20	5.00	10.00	1.5	2,000	N	N	N	500	100
585M.5	35 40 9	105 46 52	20	5.00	7.00	1.5	3,000	N	N	N	1,000	150
586M.5	35 40 5	105 46 50	20	1.50	7.00	1.0	3,000	N	N	N	100	300
587M.5	35 38 31	105 49 50	30	3.00	7.00	2.0	3,000	N	N	N	150	300
588M.5	35 38 49	105 49 52	50	3.00	3.00	1.0	1,000	N	N	N	100	150
589M.5	35 37 9	105 48 51	20	2.00	15.00	.7	3,000	N	N	N	100	300
590M.5	35 37 7	105 49 57	30	3.00	7.00	.7	1,500	N	N	N	200	150
591M.5	35 36 57	105 47 40	20	5.00	10.00	1.0	2,000	N	N	N	70	200
592M.5	35 36 20	105 48 4	30	5.00	15.00	1.0	1,500	N	N	N	200	150
593M.5	35 36 21	105 47 59	20	3.00	15.00	.7	1,500	N	N	N	150	150
594M.5	35 36 14	105 47 53	20	5.00	15.00	1.0	2,000	N	N	N	200	200
595M.5	35 41 35	105 46 22	30	5.00	15.00	.7	2,000	N	N	N	70	300
596M.5	35 41 30	105 46 26	30	5.00	10.00	.7	2,000	N	N	N	200	300
597M.5	35 41 19	105 46 19	20	3.00	10.00	.7	2,000	N	N	N	70	200
598M.5	35 41 23	105 46 10	50	2.00	7.00	.7	2,000	N	N	N	100	300
599M.5	35 41 4	105 46 4	20	1.50	10.00	.7	2,000	N	N	N	100	150

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
573M.5	<2	N	N	100	300	50	50	N	N	70	<20
574M.5	<2	N	N	100	200	30	50	N	100	70	20
575M.5	2	N	N	200	200	100	500	N	N	100	100
576M.5	2	N	N	70	100	50	300	N	100	30	70
577M.5	5	N	N	50	100	30	100	N	50	50	50
578M.5	3	<20	N	70	150	20	200	N	100	50	70
579M.5	2	<20	N	100	100	50	700	N	300	70	700
580M.5	10	N	N	50	100	150	1,000	20	200	10	100
581M.5	5	N	N	150	300	150	100	15	50	100	100
582M.5	5	<20	N	150	300	70	100	N	N	100	50
583M.5	7	20	N	200	200	150	50	N	N	70	70
584M.5	15	<20	N	70	150	70	50	N	N	70	70
585M.5	7	N	N	70	300	20	50	N	N	100	<20
586M.5	3	<20	N	70	150	20	50	N	N	100	20
587M.5	5	<20	N	100	200	70	100	<10	50	70	70
588M.5	20	20	N	200	150	150	300	N	70	100	200
589M.5	2	N	N	50	100	150	70	N	N	10	20
590M.5	3	<20	N	150	200	200	700	100	700	70	150
591M.5	<2	N	N	70	200	70	50	N	N	50	20
592M.5	2	N	N	70	300	70	70	<10	50	70	<20
593M.5	<2	N	N	50	200	50	100	<10	150	30	20
594M.5	<2	N	N	50	150	70	50	N	50	30	70
595M.5	5	<20	N	50	100	100	70	N	N	10	100
596M.5	5	<20	N	70	100	700	300	N	N	50	150
597M.5	3	20	N	100	100	100	70	N	<50	10	70
598M.5	5	<20	N	70	100	150	50	N	N	30	100
599M.5	5	N	N	70	100	70	70	N	N	50	70

TABLE 5. ANALYSES OF M.5 CONCENTRATE SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
573M.5	N	70	N	300	500	N	1,000	N	150	N
574M.5	N	70	N	300	500	N	500	N	150	N
575M.5	N	100	N	500	500	N	1,000	N	1,500	N
576M.5	N	70	N	700	300	N	500	N	1,500	N
577M.5	N	50	N	700	200	N	300	N	1,000	N
578M.5	N	100	N	700	300	N	1,500	N	1,500	N
579M.5	N	70	1,000	500	300	N	300	N	200	N
580M.5	N	30	70	N	300	N	3,000	N	5,000	300
581M.5	N	50	N	300	500	N	300	N	2,000	N
582M.5	N	70	N	500	500	N	100	N	150	N
583M.5	N	70	N	700	300	N	150	N	150	N
584M.5	N	70	N	500	500	N	150	N	150	N
585M.5	N	70	N	300	500	N	100	N	200	N
586M.5	N	100	N	300	500	N	150	N	150	N
587M.5	N	50	N	700	500	N	300	N	300	<200
588M.5	N	70	50	200	700	N	3,000	N	700	500
589M.5	N	100	N	700	700	N	150	N	150	N
590M.5	N	70	N	500	500	N	1,500	N	700	200
591M.5	N	70	N	500	500	N	150	N	150	N
592M.5	N	100	N	700	700	N	500	N	2,000	N
593M.5	N	50	N	700	500	N	700	N	300	N
594M.5	N	50	N	700	300	N	300	N	200	<200
595M.5	N	100	N	500	700	N	200	N	150	N
596M.5	N	100	N	500	700	N	200	<500	300	N
597M.5	N	70	N	500	500	N	150	N	200	N
598M.5	N	70	N	500	1,000	N	200	N	200	N
599M.5	N	70	N	300	500	N	150	N	200	N

TABLE 6. ANALYSES OF STREAM-SEDIMENT SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
019SE	35 59 18	105 36 36	.3	.10	<.05	.07	50	N	N	N	<10	50	1.0
035SE	35 56 33	105 39 5	1.0	.20	.07	.15	150	N	N	N	10	70	<1.0
064SE	35 57 44	105 37 40	2.0	.30	.70	.50	500	N	N	N	10	150	<1.0
087SE	35 54 4	105 39 32	1.0	.20	.10	.10	700	N	N	N	20	150	<1.0
110SE	35 57 4	105 38 9	.5	.15	.20	.10	150	N	N	N	N	100	N
144SE	35 46 55	105 43 9	3.0	.50	.50	.20	1,500	N	N	N	20	300	<1.0
147SE	35 46 15	105 43 13	2.0	.50	.50	.20	500	N	N	N	10	300	<1.0
160SE	35 47 38	105 42 35	1.0	.30	.20	.15	100	2.0	N	N	20	200	1.0
244SE	35 53 45	105 31 44	2.0	.20	.10	.20	1,500	N	N	N	10	200	<1.0
254SE	35 53 40	105 31 46	3.0	.30	.50	.15	2,000	N	N	N	15	150	<1.0
324SE	35 46 46	105 30 53	3.0	1.00	1.00	.30	1,000	N	N	N	20	200	<1.0
326SE	35 46 40	105 30 27	3.0	1.00	1.00	.30	1,000	N	N	N	50	150	1.0
407SE	35 54 41	105 42 6	5.0	.70	1.00	.70	1,000	N	N	N	50	300	1.5
408SE	35 54 42	105 41 59	3.0	.30	.50	.50	500	N	N	N	100	300	1.0
473SE	35 44 52	105 44 18	2.0	.50	1.00	.30	700	N	N	N	70	300	5.0
475SE	35 44 49	105 44 9	3.0	.70	.70	.30	1,000	N	N	N	70	500	3.0
479SE	35 43 38	105 44 20	3.0	.70	1.00	.50	700	N	N	N	100	300	3.0
555SS	35 43 5	105 48 4	5.0	.70	.70	.15	500	N	N	N	10	700	2.0
557SS	35 41 32	105 48 56	5.0	.70	.70	.20	500	N	N	N	10	700	3.0
558SS	35 41 21	105 49 10	7.0	1.00	2.00	.30	700	N	N	N	15	700	3.0
559SS	35 41 14	105 49 22	7.0	1.00	1.00	.30	700	N	N	N	20	500	2.0
560SS	35 41 9	105 49 33	10.0	1.50	1.50	.50	700	N	N	N	30	500	1.5
561SS	35 41 0	105 49 51	7.0	1.00	1.00	.20	500	N	N	N	10	500	5.0
562SS	35 41 7	105 50 7	7.0	1.50	1.50	.30	500	N	N	N	10	500	5.0
563SS	35 40 25	105 51 16	10.0	1.50	.70	.15	500	N	N	N	15	700	7.0
564SS	35 41 12	105 51 30	7.0	.50	1.00	.20	500	N	N	N	15	700	3.0
565SS	35 41 14	105 53 0	15.0	1.00	1.50	1.00	2,000	N	N	N	20	500	1.5
566SS	35 42 35	105 48 20	5.0	1.00	.70	.30	500	N	N	N	<10	700	2.0
567SS	35 41 34	105 49 39	10.0	1.00	1.50	.50	1,000	N	N	N	20	700	1.5
568SS	35 41 19	105 50 30	10.0	1.50	2.00	.50	1,000	N	N	N	20	500	1.0
569SS	35 41 17	105 50 59	10.0	2.00	2.00	.50	1,000	N	N	N	20	500	1.5
570SS	35 41 24	105 51 48	5.0	2.00	1.00	.30	500	N	N	N	10	700	2.0
571SS	35 41 20	105 51 42	7.0	1.50	1.50	.50	500	N	N	N	20	700	2.0
572SS	35 40 53	105 52 46	10.0	1.50	1.00	.50	1,500	N	N	N	20	700	1.5
573SS	35 42 39	105 52 40	15.0	1.00	2.00	.70	1,000	N	N	N	20	300	1.0
574SS	35 42 35	105 52 48	15.0	2.00	2.00	.70	1,000	N	N	N	30	500	1.0
575SS	35 41 48	105 52 57	15.0	2.00	2.00	.70	1,000	N	N	N	30	500	1.0
576SS	35 38 8	105 50 6	7.0	1.50	.70	.70	1,000	N	N	N	30	700	1.5
577SS	35 38 57	105 49 49	7.0	1.00	1.00	.50	1,000	N	N	N	30	700	2.0
578SS	35 39 3	105 49 51	7.0	1.00	.70	.30	700	N	N	N	20	700	3.0
579SS	35 39 10	105 49 44	10.0	1.00	1.50	.50	1,000	N	N	N	50	500	2.0
580SS	35 39 12	105 49 49	10.0	.70	.70	.20	700	N	N	N	20	700	3.0
581SS	35 38 35	105 49 52	7.0	1.00	1.00	.50	500	N	N	N	30	700	2.0
582SS	35 40 25	105 45 54	7.0	1.00	1.00	.50	1,000	N	N	N	50	300	2.0
583SS	35 40 26	105 46 26	5.0	1.00	1.00	.30	1,000	N	N	N	30	500	3.0

TABLE 6. ANALYSES OF STREAM-SEDIMENT SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
019SE	N	N	<5	N	<5	<20	N	<20	5	N	N	<5
035SE	N	N	5	20	5	30	N	<20	10	N	N	5
064SE	N	N	15	30	5	<20	N	<20	20	20	N	10
087SE	N	N	5	10	5	30	N	<20	5	15	N	7
110SE	N	N	5	10	<5	<20	N	<20	5	N	N	5
144SE	N	N	15	70	15	<20	N	<20	20	20	N	15
147SE	N	N	10	30	15	50	N	<20	15	20	N	10
160SE	N	N	10	50	30	30	N	<20	50	15	N	7
244SE	N	N	15	30	20	50	N	<20	30	20	N	15
254SE	N	N	15	30	20	30	N	<20	30	15	N	20
324SE	N	N	20	50	70	<20	N	<20	30	15	N	20
326SE	70	N	15	50	50	<20	N	<20	30	20	N	15
407SE	N	N	20	50	30	50	5	<20	20	30	N	20
408SE	N	N	10	30	30	20	N	<20	20	15	N	10
473SE	N	N	10	30	30	200	N	<20	30	50	N	15
475SE	N	N	10	30	30	200	N	<20	70	70	N	20
479SE	N	N	15	50	50	150	N	<20	50	50	N	15
555SS	N	N	10	30	15	150	<5	N	10	20	N	10
557SS	N	N	10	30	30	100	N	20	10	30	N	10
558SS	N	N	15	50	30	100	<5	N	15	50	N	30
559SS	N	N	20	50	50	150	N	N	15	30	N	15
560SS	N	N	30	70	50	50	7	N	20	30	N	30
561SS	N	N	20	70	10	50	N	20	15	30	N	15
562SS	N	N	30	100	30	100	N	<20	20	50	N	15
563SS	N	N	10	30	10	100	N	30	15	50	N	10
564SS	N	N	20	70	20	70	N	20	15	30	N	20
565SS	N	N	30	300	50	100	<5	N	20	30	N	20
566SS	N	N	15	50	30	100	N	30	10	30	N	15
567SS	N	N	30	100	50	70	N	<20	20	50	N	30
568SS	N	N	50	150	100	70	N	<20	20	30	N	30
569SS	N	N	30	70	50	50	N	N	20	30	N	30
570SS	N	N	20	50	15	70	N	30	20	50	N	15
571SS	N	N	20	70	30	50	N	20	20	30	N	20
572SS	N	N	20	200	50	150	N	20	30	50	N	20
573SS	N	N	50	150	70	50	N	N	20	30	N	50
574SS	N	N	50	200	70	50	N	N	30	30	N	50
575SS	N	N	30	150	70	50	N	20	30	30	N	30
576SS	N	N	20	100	50	50	N	<20	20	30	N	20
577SS	N	N	15	70	30	150	N	<20	15	50	N	15
578SS	N	N	15	50	30	200	N	20	15	50	N	15
579SS	N	N	20	70	30	150	N	N	20	30	N	20
580SS	N	N	10	50	15	200	N	50	20	50	N	20
581SS	N	N	15	100	30	100	N	<20	15	50	N	20
582SS	N	N	20	70	30	100	N	N	15	30	N	30
583SS	N	N	20	70	50	150	N	N	15	50	N	15

TABLE 6. ANALYSES OF STREAM-SEDIMENT SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm cm-cx	Hm-ppm cm-cx
019SE	N	N	10	N	10	N	150	--	--	--	--
035SE	N	N	30	N	15	N	150	--	--	--	--
064SE	N	100	50	N	30	<200	100	--	--	--	--
087SE	N	<100	15	N	20	N	150	--	--	--	--
110SE	N	<100	10	N	10	N	150	--	--	--	--
144SE	N	100	50	N	30	<200	150	--	--	--	--
147SE	N	100	50	N	20	N	150	--	--	--	--
160SE	N	100	30	N	15	N	100	--	--	--	--
244SE	N	N	30	N	30	N	150	--	--	--	--
254SE	N	N	50	N	50	<200	100	--	--	--	--
324SE	N	100	100	N	20	N	70	--	--	--	--
326SE	N	100	100	N	20	N	70	--	--	--	--
407SE	N	150	200	N	150	N	300	--	--	--	--
408SE	N	100	100	N	50	N	500	--	--	--	--
473SE	N	200	100	N	200	N	300	--	--	--	--
475SE	N	150	150	N	150	N	300	--	--	--	--
479SE	N	200	150	N	70	N	300	--	--	--	--
555SS	N	200	100	N	100	N	500	N	--	3	1
557SS	N	200	100	N	100	N	500	N	--	7	3
558SS	N	300	200	N	100	N	200	N	--	10	22
559SS	N	300	150	N	100	N	150	N	--	15	5
560SS	N	300	200	N	100	N	300	N	--	5	3
561SS	N	200	150	N	70	N	200	N	--	3	1
562SS	N	300	150	N	100	N	300	N	--	3	1
563SS	N	150	100	N	100	N	700	N	--	3	3
564SS	N	200	300	N	70	N	500	N	--	1	1
565SS	N	500	70	N	300	N	150	N	--	3	3
566SS	N	300	150	N	70	N	500	N	--	<1	1
567SS	N	300	200	N	100	N	300	N	--	1	1
568SS	N	300	200	N	70	N	100	N	--	3	1
569SS	N	500	150	N	50	N	150	N	--	3	1
570SS	N	300	200	N	70	N	700	N	--	1	3
571SS	N	200	150	N	70	N	500	N	--	1	1
572SS	N	300	200	N	50	N	700	N	--	3	3
573SS	N	200	200	N	100	N	100	N	--	3	1
574SS	N	300	200	N	70	N	200	N	--	3	1
575SS	N	500	200	N	70	N	300	N	--	1	1
576SS	N	200	150	N	70	N	150	N	--	3	3
577SS	N	200	100	N	70	N	150	N	--	5	3
578SS	N	200	70	N	100	N	300	N	--	3	3
579SS	N	<100	200	N	200	N	500	N	--	5	5
580SS	N	<100	70	N	500	N	1,000	N	--	1	3
581SS	N	<100	100	N	70	N	700	N	--	3	3
582SS	N	200	150	N	50	N	150	N	--	10	5
583SS	N	300	100	N	70	N	200	N	--	15	5

TABLE 6. ANALYSES OF STREAM-SEDIMENT SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
584SS	35 40 14	105 46 44	5.0	1.00	1.00	.30	1,000	N	N	N	30	300	3.0
585SS	35 40 8	105 46 52	5.0	1.00	1.00	.20	700	N	N	N	30	300	5.0
586SS	35 40 5	105 46 50	7.0	1.00	1.00	.30	700	N	N	N	30	200	2.0
587SS	35 38 31	105 49 50	10.0	1.00	1.00	.30	1,000	N	N	N	50	700	3.0
589SS	35 37 9	105 48 51	10.0	1.50	1.50	.50	1,000	N	N	N	50	500	1.0
590SS	35 37 7	105 49 57	10.0	1.00	1.50	.30	700	N	N	N	30	300	2.0
591SS	35 36 54	105 47 38	15.0	1.50	2.00	.30	1,000	N	N	N	30	300	3.0
592SS	35 36 20	105 48 4	10.0	1.50	2.00	.30	1,000	N	N	N	20	700	2.0
593SS	35 36 21	105 47 59	15.0	1.50	2.00	.30	700	N	N	N	20	500	2.0
594SS	35 36 14	105 47 53	10.0	1.00	1.50	.50	1,000	N	N	N	20	300	2.0
595SS	35 41 35	105 46 19	7.0	1.50	1.50	.30	1,000	N	N	N	10	700	5.0
596SS	35 41 30	105 46 23	5.0	1.00	1.50	.30	1,000	N	N	N	10	700	5.0
597SS	35 41 19	105 46 19	5.0	1.00	1.50	.20	1,000	N	N	N	10	500	5.0
598SS	35 41 23	105 46 7	7.0	1.50	2.00	.30	1,000	N	N	N	20	500	5.0
599SS	35 41 2	105 46 2	5.0	1.00	3.00	.30	700	N	N	N	30	300	3.0

TABLE 6. ANALYSES OF STREAM-SEDIMENT SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s
584SS	N	N	20	50	70	150	N	N	15	50	N	15
585SS	N	N	20	70	50	150	N	N	20	50	N	15
586SS	N	N	20	70	50	150	N	N	15	30	N	20
587SS	N	N	20	70	50	150	N	N	20	50	N	15
589SS	N	N	30	70	100	70	N	N	30	50	N	50
590SS	N	N	30	100	50	70	5	N	30	50	N	20
591SS	N	N	30	100	70	100	N	N	20	50	N	30
592SS	N	N	30	100	50	100	N	20	20	50	N	50
593SS	N	N	30	50	50	100	<5	<20	20	50	N	30
594SS	N	N	20	50	30	70	N	N	20	50	N	20
595SS	N	N	20	50	100	100	N	<20	15	50	N	20
596SS	N	N	20	70	150	100	N	N	15	50	N	15
597SS	N	N	20	50	150	150	N	N	15	50	N	20
598SS	N	N	20	70	50	100	N	N	15	50	N	20
599SS	N	N	30	50	70	70	N	N	15	50	N	20

TABLE 6. ANALYSES OF STREAM-SEDIMENT SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm cm-cx	Mo-ppm cm-cx
584SS	N	<100	70	N	50	N	300	N	--	15	7
585SS	N	200	100	N	50	N	150	N	--	15	3
586SS	N	<100	100	N	50	N	150	N	--	20	3
587SS	N	100	150	N	150	N	500	N	--	7	3
589SS	N	200	200	N	50	N	150	N	--	20	5
590SS	N	100	200	N	50	N	500	N	--	3	1
591SS	N	200	300	N	100	N	300	N	--	10	3
592SS	N	200	150	N	200	N	700	N	--	5	1
593SS	N	200	200	N	200	N	300	N	--	3	1
594SS	N	150	200	N	100	N	200	N	--	5	3
595SS	N	200	100	N	200	N	300	N	--	15	3
596SS	N	200	100	N	100	N	200	N	--	35	5
597SS	N	200	150	N	100	N	200	N	--	100	>50
598SS	N	100	150	N	150	N	500	N	--	5	1
599SS	N	100	150	N	100	N	150	N	--	20	20

TABLE 7. ANALYSES OF ROCK SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
013RO	35 58 29	105 36 27	2.0	<.02	<.05	.05	50	N	N	N	N	50
243RO	35 53 50	105 31 38	1.5	.30	.10	.10	100	N	N	N	20	300
244RO	35 53 45	105 31 44	.5	.50	.20	.15	150	.5	N	N	70	300
324RO	35 46 46	105 30 53	3.0	.50	.70	.05	3,000	N	N	N	10	50
546RO	35 46 15	105 29 54	5.0	<.02	<.05	.01	100	N	N	N	N	70
547RO	35 46 51	105 43 24	10.0	3.00	2.00	.50	5,000	N	N	N	N	50
548RO	35 46 51	105 43 24	10.0	.70	2.00	.10	5,000	<.5	N	N	N	50
549RO	35 47 43	105 43 6	3.0	1.00	1.00	.15	5,000	.5	N	N	10	500
550RO	35 47 24	105 43 40	5.0	5.00	1.00	.50	1,000	N	N	N	1,000	100
551RO	35 47 24	105 43 40	5.0	5.00	1.00	.50	1,000	<.5	N	N	700	50
552RO	35 45 14	105 44 9	5.0	1.50	1.50	.50	1,000	N	N	N	10	200
553RO	35 46 45	105 43 46	3.0	1.50	.50	.20	2,000	N	N	N	300	700

TABLE 7. ANALYSES OF ROCK SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s
013RO	<1	N	N	5	N	<5	<20	7	<20	10	50	N
243RO	<1	N	N	<5	20	10	50	10	<20	5	20	N
244RO	<1	N	N	5	30	<5	30	10	<20	5	20	N
324RO	<1	N	N	5	20	70	<20	N	<20	7	<10	N
546RO	<1	N	N	5	<10	15	N	N	N	5	10	N
547RO	3	N	N	50	200	20	N	N	N	70	<10	N
548RO	2	N	N	50	50	150	N	10	N	70	<10	N
549RO	2	N	<20	30	50	100	20	5	N	50	50	N
550RO	3	N	N	70	200	2,000	N	N	N	100	N	N
551RO	3	N	N	100	200	5,000	N	N	N	100	N	N
552RO	3	N	N	30	N	100	<20	N	N	5	10	N
553RO	1	N	N	20	100	70	<20	N	N	20	50	N

TABLE 7. ANALYSES OF ROCK SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
013RO	5	N	N	10	N	10	<200	70	--	<.05
243RO	7	N	N	30	N	30	N	100	--	<.05
244RO	10	N	N	70	N	20	N	150	--	<.05
324RO	5	N	N	20	N	15	<200	50	--	<.05
546RO	N	N	N	<10	N	N	N	<10	--	.05
547RO	30	N	N	150	N	30	200	50	--	<.05
548RO	20	N	N	100	N	30	200	50	--	.05
549RO	15	N	100	200	N	30	500	100	--	<.05
550RO	30	N	N	200	N	30	<200	50	--	<.05
551RO	30	N	N	200	N	30	<200	50	--	<.05
552RO	20	N	300	300	N	30	N	70	--	<.05
553RO	15	N	200	70	N	30	<200	70	--	<.05

TABLE 8. ANALYSES OF SOIL SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
010SO	35 58 7	105 41 2	1.5	.20	.20	.3	150	N	N	N	10	1,000
011SO	35 58 7	105 41 4	1.5	.30	.20	.3	200	N	N	N	10	1,000
012SO	35 58 8	105 41 6	2.0	.30	.20	.2	300	N	N	N	10	1,000
032SO	35 56 13	105 39 5	1.5	.10	.10	.2	100	N	N	N	<10	700
033SO	35 56 13	105 39 0	1.0	.05	.07	.2	30	N	N	N	<10	500
195SO	35 46 18	105 43 15	2.0	.10	.20	.3	200	N	N	N	10	700
196SO	35 46 18	105 43 18	2.0	.20	.20	.2	300	N	N	N	10	700
197SO	35 46 18	105 43 21	3.0	.50	.70	.3	700	N	N	N	10	1,000
198SO	35 46 17	105 43 24	3.0	.50	.70	.3	700	N	N	N	10	1,000
199SO	35 46 18	105 43 27	5.0	.50	.70	.2	500	N	N	N	10	1,000
200SO	35 46 19	105 43 30	3.0	.50	.70	.3	1,000	N	N	N	10	1,000
201SO	35 46 20	105 43 33	5.0	.70	.70	.3	1,000	N	N	N	10	1,000
202SO	35 46 22	105 43 35	3.0	.70	.70	.3	1,000	N	N	N	15	1,000
203SO	35 46 23	105 43 36	3.0	.50	.70	.3	1,000	N	N	N	15	1,000
204SO	35 46 24	105 43 38	3.0	.70	1.00	.3	1,000	N	N	N	15	1,000
205SO	35 46 25	105 43 40	5.0	.70	1.00	.3	700	N	N	N	15	1,000
206SO	35 46 26	105 43 42	5.0	1.00	1.00	.3	1,000	N	N	N	15	1,000
207SO	35 46 26	105 43 46	3.0	1.00	1.00	.3	1,500	N	N	N	15	1,000
208SO	35 46 26	105 43 48	5.0	.70	.70	.3	1,500	N	N	N	20	1,000
209SO	35 46 27	105 43 49	5.0	1.00	.70	.3	1,500	N	N	N	20	1,000
210SO	35 46 21	105 43 49	5.0	1.00	1.00	.3	1,000	N	N	N	15	1,000
211SO	35 46 19	105 43 52	3.0	.70	.70	.3	700	N	N	N	10	700
212SO	35 46 17	105 43 54	3.0	.50	.70	.3	1,500	N	N	N	15	700
213SO	35 46 16	105 43 55	2.0	.50	.70	.3	1,500	N	N	N	10	700
214SO	35 46 14	105 43 58	5.0	.70	.50	.5	2,000	N	N	N	20	500
215SO	35 46 13	105 43 59	3.0	.70	.70	.3	1,500	N	N	N	20	700
216SO	35 46 12	105 44 0	3.0	.70	.70	.3	2,000	N	N	N	20	700
217SO	35 46 12	105 44 2	3.0	1.00	1.00	.3	1,000	N	N	N	20	700
218SO	35 46 12	105 44 4	3.0	.30	.70	.3	1,000	N	N	N	10	700
219SO	35 46 12	105 44 6	5.0	.50	.70	.5	1,000	N	N	N	10	700
220SO	35 46 47	105 43 56	2.0	.30	.70	.3	1,000	N	N	N	10	700
221SO	35 46 47	105 43 53	5.0	1.50	1.50	.3	700	N	N	N	10	500
222SO	35 46 46	105 43 50	7.0	1.00	.70	.3	2,000	N	N	N	50	700
223SO	35 46 45	105 43 47	7.0	1.00	.50	.3	3,000	N	N	N	30	700
224SO	35 46 44	105 43 44	7.0	1.00	.70	.3	3,000	N	N	N	30	700
225SO	35 46 43	105 43 41	7.0	1.00	.70	.3	1,500	N	N	N	50	700
226SO	35 46 42	105 43 38	7.0	1.00	.70	.3	3,000	N	N	N	30	700
227SO	35 46 41	105 43 35	7.0	.70	.70	.3	3,000	N	N	N	50	700
228SO	35 46 40	105 43 32	5.0	.70	.70	.3	1,500	N	N	N	15	700
229SO	35 46 39	105 43 30	7.0	1.50	.20	.3	1,000	N	N	N	50	700
230SO	35 46 39	105 43 27	1.5	.20	.20	.2	500	N	N	N	10	500
231SO	35 46 39	105 43 23	1.5	.20	.15	.5	150	N	N	N	20	300

TABLE 8. ANALYSES OF SOIL SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
010SO	<1.0	N	N	5	20	10	30	N	<20	7	20
011SO	1.0	N	N	7	50	15	30	N	<20	20	30
012SO	1.0	N	N	10	20	15	30	N	<20	20	20
032SO	<1.0	N	N	<5	20	7	20	N	<20	N	<10
033SO	<1.0	N	N	<5	10	5	20	N	<20	N	<10
195SO	<1.0	N	N	10	30	10	30	N	<20	20	20
196SO	1.0	N	N	10	15	10	30	N	<20	7	20
197SO	1.0	N	N	15	20	15	30	N	<20	10	30
198SO	1.0	N	N	15	20	15	30	N	<20	10	30
199SO	1.0	N	N	15	20	15	50	N	<20	10	30
200SO	1.0	N	N	15	30	20	50	N	<20	20	30
201SO	<1.0	N	N	15	50	30	30	N	<20	30	15
202SO	<1.0	N	N	15	50	50	30	N	<20	30	15
203SO	<1.0	N	N	15	30	30	30	N	<20	30	15
204SO	<1.0	N	N	15	30	50	30	N	<20	30	15
205SO	<1.0	N	N	15	30	50	30	N	N	30	10
206SO	<1.0	N	N	15	50	70	20	N	<20	50	20
207SO	<1.0	N	N	20	70	70	20	N	<20	70	20
208SO	<1.0	N	N	20	70	70	30	N	<20	50	30
209SO	<1.0	N	N	15	50	50	50	N	<20	50	20
210SO	<1.0	N	N	15	50	50	30	N	<20	30	15
211SO	<1.0	N	N	15	50	20	30	N	<20	20	N
212SO	<1.0	N	N	15	50	30	30	N	<20	20	20
213SO	<1.0	N	N	15	30	20	30	N	<20	15	30
214SO	<1.0	N	N	15	70	30	30	N	<20	30	10
215SO	<1.0	N	N	15	70	50	20	N	<20	30	20
216SO	<1.0	N	N	15	50	50	30	N	<20	30	20
217SO	1.0	N	N	15	50	50	30	N	<20	50	20
218SO	1.0	N	N	10	30	20	30	N	<20	10	20
219SO	1.0	N	N	15	50	15	30	N	<20	10	20
220SO	1.5	N	N	10	20	15	20	N	<20	7	20
221SO	<1.0	N	N	15	70	50	30	N	<20	50	10
222SO	<1.0	N	N	15	70	50	30	N	<20	50	20
223SO	1.0	N	N	15	50	30	30	N	<20	30	30
224SO	1.0	N	N	15	70	50	30	N	<20	30	30
225SO	1.0	N	N	15	70	70	30	N	<20	30	30
226SO	1.0	N	N	20	70	70	30	N	<20	30	50
227SO	1.0	N	N	15	70	20	30	N	<20	20	30
228SO	<1.0	N	N	15	70	15	30	N	<20	20	20
229SO	<1.0	N	N	15	100	20	50	N	<20	50	20
230SO	<1.0	N	N	<5	20	7	20	N	<20	<5	<10
231SO	<1.0	N	N	10	50	15	30	N	<20	15	30

TABLE 8. ANALYSES OF SOIL SAMPLES FROM THE PECOS WILDERNESS, NEW MEXICO--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
010SO	N	10	N	100	50	N	20	N	150	--
011SO	N	10	N	100	70	N	20	N	200	--
012SO	N	10	N	150	50	N	30	N	200	--
032SO	N	5	N	<100	20	N	20	N	200	--
033SO	N	7	N	<100	20	N	20	N	200	--
195SO	N	7	N	<100	50	N	30	N	200	--
196SO	N	7	N	<100	20	N	30	N	200	--
197SO	N	15	N	100	50	N	30	N	200	--
198SO	N	15	N	100	50	N	30	N	150	--
199SO	N	15	N	100	70	N	30	N	200	--
200SO	N	15	N	100	100	N	30	N	100	--
201SO	N	15	N	100	100	N	50	<200	150	--
202SO	N	15	N	100	100	N	30	<200	150	--
203SO	N	15	N	100	100	N	30	<200	100	--
204SO	N	15	N	<100	100	N	20	<200	100	--
205SO	N	15	N	100	150	N	20	N	150	--
206SO	N	15	N	100	100	N	30	N	150	--
207SO	N	20	N	100	100	N	30	N	100	--
208SO	N	15	N	100	70	N	30	<200	150	--
209SO	N	15	N	100	150	N	30	N	200	--
210SO	N	15	N	100	150	N	30	N	200	--
211SO	N	10	N	100	100	N	30	N	200	--
212SO	N	10	N	150	70	N	30	N	200	--
213SO	N	10	N	150	70	N	20	N	200	--
214SO	N	15	N	100	100	N	30	N	200	--
215SO	N	15	N	200	100	N	20	N	200	--
216SO	N	10	N	100	100	N	30	N	200	--
217SO	N	15	N	200	100	N	20	N	200	--
218SO	N	10	N	150	70	N	30	N	300	--
219SO	N	10	N	200	100	N	30	N	200	--
220SO	N	10	N	200	50	N	30	N	200	--
221SO	N	15	N	150	150	N	30	N	200	--
222SO	N	15	N	100	100	N	30	N	200	--
223SO	N	10	N	100	100	N	30	<200	200	--
224SO	N	10	N	150	70	N	20	<200	200	--
225SO	N	10	N	100	70	N	30	<200	200	--
226SO	N	10	N	100	70	N	20	200	200	--
227SO	N	10	N	100	70	N	30	N	200	--
228SO	N	10	N	100	70	N	20	N	200	--
229SO	N	15	N	<100	100	N	30	<200	200	--
230SO	N	5	N	<100	50	N	20	N	300	--
231SO	N	7	N	<100	50	N	30	N	500	--