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Geologic Information and Analytical Results for Samples of Drill Core
from the Myszków Porphyry Copper-molybdenum Deposit, southern Poland

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INTRODUCTION

Porphyry copper-type deposits constitute a major source of copper for the world's economy. In Poland, deposits of this type are known to occur north of Cracow in the Cracow-Silesian Orogenic Belt (Fig. 1), a poorly defined zone of Paleozoic rocks that is about 30-50 km wide, at least 70 km long, and entirely covered by younger rocks. As part of a joint study funded by the Marie Curie Fund II, the U.S. Geological Survey (USGS) and the Polish Geological Institute (PGI) have investigated the porphyry copper-molybdenum deposit at Myszków, which is about 70 km north-northwest of Cracow, in south-central Poland.

Prior to the 1950's, when deep drilling was first done in the region of the Cracow-Silesian Orogenic Belt (Fig. 1), pre-Mesozoic Era rocks in south-central Poland were not known to have been mineralized. During the 1970's and 1980's, approximately 2,000 holes were drilled in the region around Myszków. In the vicinity of Myszków, 29 holes were drilled to depths of greater than about 180 m (Fig. 2). Many of these holes penetrated porphyry copper-type minerals in Paleozoic host rocks.

Prior to this study, only limited geochemical information about the Myszków deposit was available. Most of this information was published in Polish in a paper by Lasoń (1992), which included summary analytical data for 515 samples from two drill holes at Myszków and cross sections showing the distributions of 10 elements.

This report consists of two parts. Part A is this printed report. Part B is an IBM-compatible, slightly modified digital version of Part A, on two 1.44 MB diskettes. The diskettes include an ASCII file describing the contents of the diskettes (README.TXT), copies of this text and the geological data for tables 1 to 8 in Corel WordPerfect version 7 and MS Word 97 formats, respectively (MYSZKOW.WPD and MYSZKOW.DOC), and the chemical data for table 9 in dBase IV and Lotus 1-2-3 version 2 formats, respectively (TABLE9.DBF AND TABLE9.WK1). The electronic version of this text includes detailed information concerning the accompanying tables that is not included in this printed version.

GEOLOGIC SETTING OF THE MYSZKÓW DEPOSIT

The geologic setting of the Myszków deposit is summarized from a more detailed description compiled by Chaffee and others (1994; 1997). The deposit lies in the Paleozoic Cracow-Silesian Orogenic Belt (Fig. 1). Information obtained from deep-drilling and geophysical studies indicates that this belt is about 30 to 50 km wide and at least 70 km long. The northwest and southeast limits of the belt are not defined; however, it is speculated that the belt may extend northeastward toward Scandinavia and southwestward under the Carpathian nappes. The Myszków deposit is covered by a thin veneer of glacial deposits and between 160 and 180 m of flat-lying Triassic carbonate rocks. Because of this thick cover, the Myszków deposit is known only from geophysical studies and from logging and analysis of drill core. Drill holes penetrated to depths of as much as 1,520 m. The oldest rocks in the Myszków area include a thick sequence of sedimentary rocks of Ordovician to Devonian age. This sequence of Paleozoic rocks was intruded by a Late Carboniferous hypabyssal stock and its associated apophyses, which are predominantly a biotite-rich granodiorite. The Myszków porphyry copper deposit is associated in time and space with intrusion of this stock.

MINERALIZATION AND ALTERATION

Worldwide, ore-related (principally sulfide) minerals in most porphyry copper deposits are

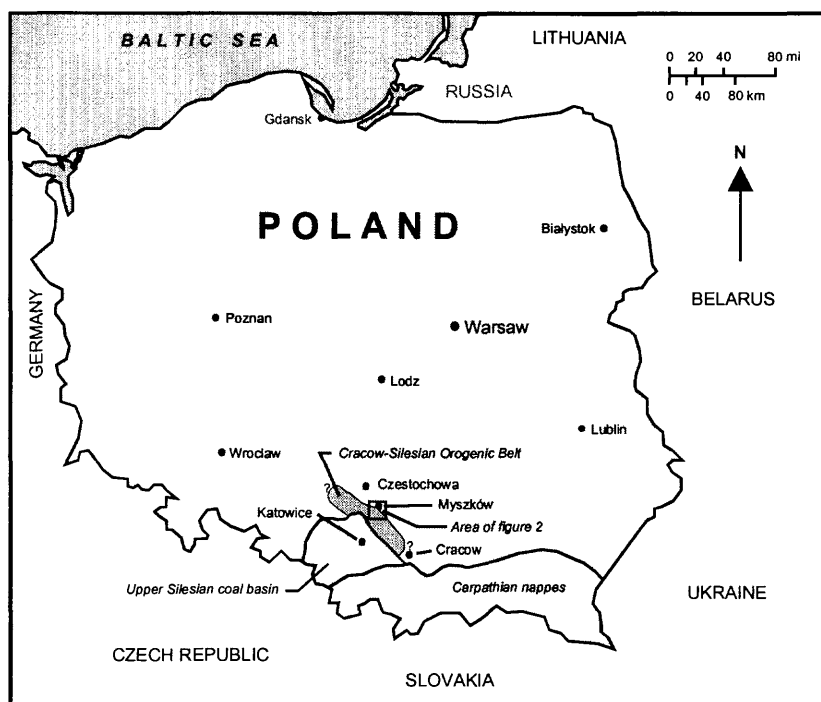


Fig. 1. Map of Poland showing regional geologic features and location of the study area. Oueries (?) at each end of Cracow-Silesian Orogenic Belt indicate that extent of belt is unknown.

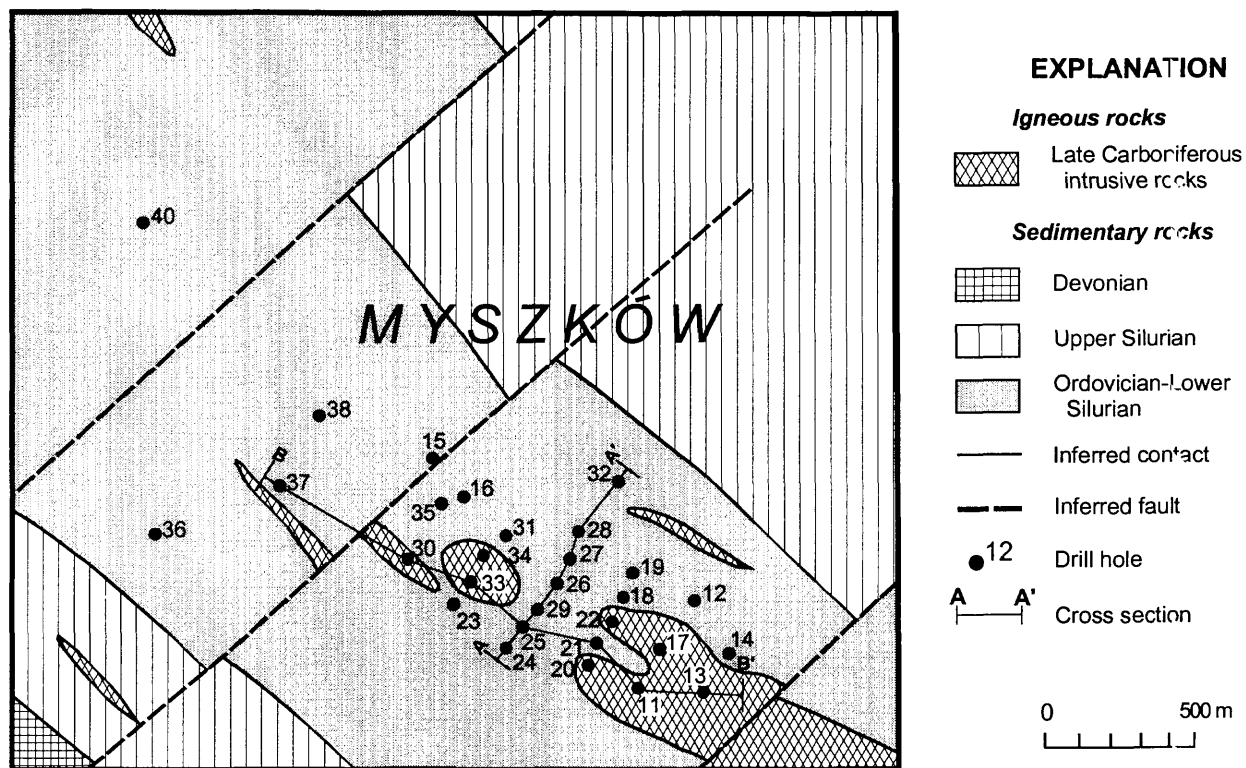


Fig. 2. Map of the Myszków area showing general pre-Mesozoic geology of the area and locations of drill holes.

found both in stockwork veins and as disseminations in the parental stock and the surrounding rock. These minerals may be confined to the causative intrusion or just to the adjacent wall rocks, or may be present in both. In many porphyry copper-type deposits, the characteristic stockwork mineralization changes outwardly to skarn-type or polymetallic vein-type mineralization. At Myszków, rocks containing both stockwork-type and contact-metasomatic skarn-type mineral suites are present; polymetallic veins are rare.

The majority of the ore-related minerals at Myszków occur in and along stockwork veins. Disseminated ore minerals are less common. The ore and alteration minerals are found in the stock, in its apophyses, and in the metasedimentary wall rocks in the vicinity of these intrusive rocks. In general, the mineralogy and chemistry of veins is similar in both the stock and the wall rocks. The only obvious difference in ore-related mineralogy between the two lithologies is the local occurrence of skarn minerals in the wall rocks.

The principal ore minerals for copper, molybdenum, and tungsten are chalcopyrite, molybdenite, and scheelite, respectively. Galena and sphalerite are the principal mineral residences of lead and zinc, respectively. More information concerning ore and alteration minerals for many of the samples analyzed is tabulated in tables 1 to 8.

DESCRIPTION OF TABLES 1 TO 8

Samples of core from 7 drill holes along line A-A' (Fig. 2; Tables 1 to 7), as well as some from other drill holes (Table 8), were collected for petrographic study and examined in thin section by one of us (J. S.). The results of this study are listed in tables 1-8. The abbreviations used in the tables are defined in front of table 1. For each table, the first column (Sample no.) gives the drill hole number (first 4 characters) and depth, in meters (second 4 characters) for each sample. These petrographic samples were collected independently of the core samples used for geochemical analysis. The petrographic samples are mostly from the same (or nearly the same) depth intervals as the geochemical samples for a given hole. The column labeled "Interval" lists the interval represented by the sample depth in the sample number. The next column lists the host-rock type for each sample, as determined by examining thin sections. The columns labeled "Mineral assemblage" and "Alteration mineralogy" describe common primary host-rock minerals and associated alteration minerals, respectively. The last two columns identify the most common ore and gangue minerals in each sample. All minerals are listed in order of decreasing abundance.

COLLECTION AND PREPARATION OF GEOCHEMICAL SAMPLES

For this investigation, 308 samples of core and 234 samples of previously collected and pulverized core (pulp) were selected for study from material stored in archives of the Polish Geological Institute. Most of the samples were from intervals along the entire length of each of the seven drill holes present along line A-A' (Fig. 2), which is aligned across the axis of the Myszków deposit, and from intervals along the length of six additional drill holes present along line B-B', which is nearly perpendicular to A-A'. These samples were collected to evaluate the distribution and abundances of selected elements in vertical sections through the Myszków deposit. Samples were collected from other drill holes (PZ10, PZ12, PZ14, PZ15, PZ16, PZ17, PZ18, PZ19, PZ20, PZ22, PZ23, PZ31, PZ34, PZ35, PZ36, PZ38, and PZ40) located throughout the Myszków area (Fig. 2) but just for depths of about 300 m and 700 m. These latter samples were collected in order to provide a more regional geochemical setting to the

Myszków deposit on two horizontal levels in order to identify any widespread horizontal chemical zoning that might be related to previously reported mineralogical zoning. Of the 542 samples included in this report, 507 were collected from Paleozoic (pre-porphyry-copper mineralization-aged) rocks and 35 were from Triassic (post-mineralization-aged) rocks.

For all core samples, representative material was collected over a 5-m interval at approximately 30-m spacings along the length of each drill hole. Care was taken to exclude non-representative material, such as dikes, major veins, and(or) inclusions. The core samples were shipped to USGS laboratories in Denver, Colorado, where they were reduced to a smaller size in a jaw crusher and then ground in a vertical pulverizer with ceramic plates to a powder that would pass through a screen with 0.15-mm openings (minus 100-mesh).

The pulp samples, which were originally produced for each meter interval of core, were composited at the PGI laboratories in Warsaw to make samples representing 5-meter intervals. Splits of the pulps were then sent to USGS laboratories in Denver, Colorado, for analysis. Additional splits of the pulps were analyzed in the PGI laboratories in Warsaw.

CHEMICAL ANALYSIS

All samples analyzed in Denver were submitted to the laboratories in a random sequence and generally in groups of 40 samples. Sample splits and internal standards were submitted with the samples to monitor the accuracy and reproducibility of the analyses. The samples were analyzed for 67 variables. They were analyzed for 40 elements (Ag, Al, As, Au, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Eu, Fe, Ga, Ho, K, La, Li, Mg, Mn, Mo, Na, Nb, Nd, Ni, P, Pb, Sc, Sr, Ta, Th, Ti, U, V, Y, Yb, and Zn) by a hot-acid extraction followed by inductively coupled plasma-atomic emission spectrometry (ICP-AES) (Briggs, 1996) and for 10 elements (Ag, As, Au, Bi, Cd, Cu, Mo, Pb, Sb, and Zn) using a partial-extraction ICP-AES method (ICP-P) (Motooka, 1996). They were also analyzed for major oxides (Al_2O_3 , CaO , total iron (Fe_2O_3), K_2O , MgO , MnO , Na_2O , P_2O_5 , SiO_2 , and TiO_2) and loss-on-ignition at 925°C as part of an X-ray fluorescence package (Mee and others, 1996); for tellurium (Te) and thallium (Tl) by a flame atomic-absorption technique (O'Leary, 1996); for total sulfur (S) by a combustion technique (Curry, 1996); for tungsten (W) by hot-acid ICP-AES (drill holes PZ25 and PZ33) (Briggs, 1996), by laser-ablation inductively coupled plasma-mass spectrometry (holes PZ11, PZ13, PZ21, and PZ37) (Montaser, 1998), or by a visible absorption method (all other drill holes) (O'Leary and Welsch, 1990); for mercury (Hg) by a cold-vapor atomic-absorption technique (O'Leary and others, 1996); and for gold (Au) by graphite-furnace atomic-absorption spectrophotometry (O'Leary and Meier, 1996).

EVALUATION OF THE CHEMICAL DATA

The USGS analysts routinely included one sample duplicate, one analysis method blank, and two reference samples in each job of 40 or fewer samples. The arithmetic mean and standard deviation of reference materials and duplicate samples were calculated in order to estimate accuracy and precision for each analytical method. A given analytical method was generally considered sufficiently accurate if the absolute value of the laboratory mean minus the best defined reported value was less than or equal to four times the estimated within-laboratory standard deviation. Generally, for the major elements (those commonly occurring in concentrations greater than 1 percent), a relative standard deviation (RSD) less than 1 to 2 percent was considered adequate for precision. For minor elements (those commonly occurring

in concentrations of 0.1 to 1.0 percent) a RSD less than 5 percent was considered adequate, and for trace elements (concentrations generally less than 0.1 percent), a RSD of less than 15 percent was considered adequate. The quality assurance manual for the USGS Branch of Geochemistry (Arbogast, 1990) and the analytical methods manual for the USGS Mineral Resource Surveys Program (Arbogast, 1996) contain estimates of typical performance capabilities for different sample matrices and analyte concentrations, as well as specific data concerning the accuracy and precision of the techniques described above.

Elements with very few or no reported values above the lower limit of determinations and some elements that were analyzed by more than one analytical method were deleted from the three tables accompanying this part of the report. Thus, of the original 67 variables determined, six determined by ICP-AES (Ag, Au, Eu, Ho, Ta, and U) and one determined by ICP-P (Au) were deleted from the original data set. Analyses for the remaining elements are listed in table 2 and included in digital files in Part B of this report.

A comparison of the ICP-AES analyses run by the two laboratories showed similar values for all duplicated elements except for chromium values in samples from three of the drill holes. The USGS samples showed unusually high concentrations that were not consistent with known geology. It is speculated that these samples were contaminated by high-Cr steel equipment used in sample preparation. As a result, chromium values for the samples from drill holes PZ13, PZ21, and PZ33 are PGI determinations. For similar reasons, the tungsten values for samples from drill hole PZ25 are PGI ICP-AES analyses. All other values in this report are USGS determinations.

DESCRIPTION OF TABLE 9

The analyses for the core and pulp samples are listed in table 9. Information on the column headings is given below.

For each sample identifier (SAM_ID) in table 9, the first four characters identify the drill hole number, and the last four characters give the average depth for each sample, in meters. The next column (LAB_ID) lists the USGS laboratory number assigned to each sample.

The next 2 columns (LATITUDE (N) and LONGITUDE (E)) give the north latitude and east longitude, in degrees, minutes, and seconds, for the general area of the deposit. Decimal equivalents of these coordinates are given in the electronic versions of this table.

The columns AG_PPM_P through ZN_PPM_P list analyses. The column headings list the constituent analyzed, whether the concentrations are in percent (pct) or parts per million (ppm) and the analytical method. A "T" at the end of the element name indicates that it was determined by the ICP-AES hot-acid, total extraction technique described above; a "P" at the end of the element name indicates that the partial-extraction ICP method was used. An "A" indicates atomic-absorption analysis; "C", a combustion technique; "V", a visual absorption technique (however, see references for tungsten analyses, above, for exceptions); and "X", an X-ray fluorescence technique.

Within the data set, values may be qualified with "N", "L", "G", "H", or "B". An "N" indicates that the sample was analyzed but that the given element was not detected at the lower limit of determination shown preceding the letter. "L" indicates that the element was detected but in a concentration below the lower limit of determination shown preceding the letter. "G" indicates that the element was detected but in a concentration above the upper limit of determination shown preceding the letter. "H" indicates element interference for the analytical

method so that no accurate concentration could be determined. A "B" indicates that the element was not determined.

The column labeled ROCK TYPE gives rock descriptions based on identification with a hand lens.

OTHER INFORMATION

More than one lower limit of determination was reported by the analysts for many of the elements listed in table 9. These differences in limits resulted from minor changes in the analytical procedures with time, matrix corrections, and(or) the use of a smaller than standard sample aliquot for a given analysis because of insufficient available sample material.

Because of the formatting in the computer programs used to produce the data in table 9, some of the elements listed in this table carry one or more nonsignificant zeroes to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros shown.

The data found in the "DBF" and "WK1" files on the diskette may also contain additional digits as a result of the method used to produce the files. These digits are also not significant. In general, all data are good only to two significant figures, except for analyses determined by XRF (X suffix), which are good to three significant figures.

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ABBREVIATIONS USED IN TABLES 1-8

Mineralogy:

Ab	- albite
Adl	- adularia
Alkali Fs	- alkali feldspar
Amph	- amphibole
Ank	- ankerite
Ap	- apatite
Bn	- bornite
Bt	- biotite
Bi	- native metal
Bis	- bismuthinite
Brt	- barite
Cal	- calcite or carbonate (unspecified)
Cc	- chalcocite
Ccp	- chalcopyrite
Chl	- chlorite
Crd	- cordierite
Cv	- covellite
Dg	- digenite
Dol	- dolomite
Ep	- epidote
Fs	- feldspar (unspecified)
Gn	- galena
Hbl	- hornblende
Hem	- hematite
HMs	- hydromuscovite
Ilm	- ilmenite
Kfs	- K feldspar
Kln	- kaolinite
Lm	- limonite
Maf	- mafic minerals
Mag	- magnetite
Mar	- marcasite
Mc	- microcline
Mic	- mica
Mo	- molybdenite
Ms	- muscovite
Op.min.	- opaque minerals
Pl	- plagioclase
Po	- pyrrhotite

Py	- pyrite
Rt	- rutile
Qtz	- quartz
Ser	- sericite
Sch	- scheelite
Sp	- sphalerite
Tnt	- titanite
Zrn	- zircon

Other terms:

P. of rocks	- pieces of rocks
Ph	- phenocryst
Mx	- matrix
Maf	- mafic minerals
Ps	- pseudomorph
Ps.a.	- pseudomorph after
n.d.	- no data

Notes: For each column in tables, minerals are listed in decreasing order of abundance.

No entry in column for host-rock alteration mineralogy indicates no alteration minerals found.

**Table 1.--GEOLOGICAL DATA FOR SAMPLES COLLECTED FROM
HOLE PZ-24**

Sample no.	Interval (m)	HOST ROCKS			MINERALIZATION	
		Rock type	Mineral assemblage	Alteration mineralogy	Ore mineral assemblage	Garque minerals
PZ240180	176-180	Metasiltstone	Qtz,Chl,Ser		Py	Qtz
PZ240210	210-215	Metasiltstone	Ser,Chl,Qtz		Ccp,Py,Sch	Qtz,Kfs,Ank
PZ240243	240-245	Metasiltstone	Ser,Ms,Chl,Qtz		Ccp,Py,Mo, Sch	Qtz,Chl,Cal
PZ240272	271-276	Hornfels	n.d.		Ccp,Py,Mo,	Qtz,Kfs
PZ240275	271-276	Hornfels	n.d.		Py,Ccp,Mo, Sch,Sp,Mag, Rt,Ilm	Qtz,Kfs
PZ240300	300-305	Hornfels	n.d.		Py,Ccp	Qtz,Chl
PZ240302	300-305	Metasandstone	Qtz,Pl,Ser,Chl		Py,Ccp,Sch,	Qtz,Chl
PZ240332	330-335	Metasiltstone	Ser,Ms,Qtz	Ser	Py,Sp,Ccp, Gn,Mo,Mag, Rt	Qtz,Fs,Dol
PZ240333	330-335	Metasiltstone	n.d.		Py,Ccp,Sp	Qtz
PZ240360	360-365	Metasiltstone	Ser,Bt,Chl		Py,Ccp,Sch	Qtz,Chl, Cal
PZ240397	397-402	Rhyolite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Ser, Cal,Chl, Op.min.	Ser,Ms,Cal	Py,Mo,Ccp	Qtz,Fs,Chl, Ser,Cal
PZ240401	397-402	Rhyolite	n.d.		Ccp,Py,Sch, Mo	Qtz,Fs,Ms, Chl
PZ240422	420-425	Rhyolite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs,Pl	Ser,Chl, Op.min	Py,Ccp	Qtz,Fs
PZ240456	455-460	Hornfels	n.d.		Py,Ccp	Qtz,Chl,Fs
PZ240459	455-460	Hornfels	Ms,Chl,Bt		Mo,Sch,Ccp, Py	Qtz,Fs,Cal, Chl
PZ240480	480-485	Hornfels	n.d.		Py,Ccp,Sch	Qtz,Kfs
PZ240512	510-515	Hornfels	Ser,Chl,Bt, Cal		Ccp,Mo	Qtz,Kfs,Cal
PZ240543	540-545	Rhyolite	Ph:Pl,Bt,Qtz Mx:Qtz,Kfs	Ser,Mc,Chl, Op.min	Py,Mo,Sch	Qtz
PZ240572	572-577	Metasandstone	Kfs,Bt,Chl, Cal		Sch,Mo,Ccp, Py,Sp,Gn	Qtz,Chl,Bt
PZ240601	600-605	Metasiltstone	Kfs,Qtz,Chl, Ser		Mo,Ccp,Py,Sp	Qtz,Fs,Cal

PZ240628	626-631	Hornfels	Bt,Qtz,Fs		Ccp,Mo,Py Sch,Bn,Rt	Qtz,Fs
PZ240661	660-665	Hornfels	Bt,Ms,Qtz, Kfs,Ab,Crd		Py,Mo	Qtz,Kfs
PZ240693	690-695	Hornfels	n.d.		Py,Mo,Ccp	Qtz,Fs,Chl
PZ240721	720-725	Metasandstone	Qtz,Pl,Kfs, Chl,Bt		Ccp,Mo	Qtz,Fs,Chl
PZ240751	750-755	Metasandstone	Qtz,Kfs,Bt, Ser		Ccp,Mo	Qtz,Kfs
PZ240754	750-755	Metasandstone	n.d.		Py,Ccp,Mo, Sch,Sp,Gn	Qtz,Kfs,Chl, An ⁺
PZ240779	774-779	Metasiltstone	Ser,Ms,Bt,Chl	Chl	Py,Mo,Ccp, Sp,Gn,Sch	Qtz,An ⁺ ,Chl
PZ240809	809-814	Hornfels	Kfs,Qtz,Bt		Py,Mo,Sch	Qtz,Kfs
PZ240814	809-814	Granodiorite	n.d.		Ccp,Py,Sch, Mo	Qtz,Kfs,Cal
PZ240842	840-845	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Chl,Cal,Ep, Ser,Op.min	Ccp,Py,Sch, Mo,Hem,Rt	Qtz,Fs
PZ240875	870-875	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl, Op.min	Ccp,Mo,Py, Sch,Rt	Qtz
PZ240902	900-905	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs,Pl	Ser,Ep,Mc, Chl,Op.min	Ccp,Mo,Sch, Py,Sp,Mag, Hem	Qtz
PZ240904	900-905	Granodiorite	n.d.		Ccp,Mo,Py, Sch,Sp,Gn	Qtz,Cal
PZ240934	930-935	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Pl,Kfs	Ser,Cal,Chl, Ep	Mo,Ccp,Sch, Py,Mag	Qtz
PZ240962	960-965	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl,Ep, Rt,Op.min	Ccp,Py	Qtz
PZ240995	990-995	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs,Pl	Ser,Chl, Op.min	Mo,Ccp,Sch, Py,Bn,Gn, Sp,Mag,Hem	Qtz
PZ241025	1020-1025	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser,Ep,Chl, Op.min	Ccp,Py,Sch, Mo	Qtz
PZ241051	1050-1055	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Ep, Op.min	Ccp,Mo,Py, Sch	Qtz,Cal,Ser
PZ241087	1085-1090	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl,Ep, Op.min	Py,Ccp,Sch	Qtz

**Table 2.--GEOLOGICAL DATA FOR SAMPLES COLLECTED FROM
HOLE PZ-25**

Sample no.	Interval (m)	HOST ROCKS			MINERALIZATION	
		Rock type	Mineral assemblage	Alteration mineralogy	Ore mineral assemblage	Gangue minerals
PZ250180	175-180	Metasiltstone	Ser,Bt,Chl, Qtz,Pl		Py,Ccp	Qtz,Chl
PZ250213	210-215	Rhyolite	Ph:Pl, Mx:Qtz,Kfs,Pl	Ser,Cal	Ccp,Py,Sch, Mo	Qtz,Fs
PZ250250	248-253	Metasiltstone	n.d.		Sch,Mo	Qtz,Fs
PZ250270	270-275	Metasiltstone	Chl,Bt,Qtz, Pl,Kfs,Ep		Py,Ccp,Mo	Qtz
PZ250302	300-305	Metasiltstone	Ser,Bt,Qtz, Fs		Ccp,Sch,Mo, Mag	Qtz,Chl
PZ250305	300-305	Qtz vein	n.d.		Py,Ccp,Sch, Sp,Mag	Qtz
PZ250335	332-337	Metasiltstone	Bt,Ms,Qtz, Pl,Kfs,Chl		Mo,Ccp,Py	Qtz,Chl,Fs
PZ250360	360-365	Metasiltstone	Ser,Bt,Chl, Qtz,Fs		Mo,Ccp,Py	Qtz
PZ250380	380-385	Hornfels	Bt,Ser,Fs, Ms,Chl		n.d	n.d.
PZ250385	380-385	Rhyolite	Ph:Pl Mx:Qtz,Alk, Fs,Chl	Ser,Cal	Ccp,Py,Mo	Qtz,Chl, Ser, Fs
PZ250418	415-420	Metasiltstone	Ser,Bt,Fs, Chl		Sch,Mo,Ccp, Py,Sp	Qtz,Chl
PZ250454	450-454	Metasiltstone	Ser,Ms,Bt, Chl,Fs	Chl	Py,Mo,Ccp, Sp,Rt	Qtz,Kfs Ser, Cel
PZ250481	480-485	Hornfels	Bt,Ser,Chl, Qtz,Pl,Kfs		n.d	n.d.
PZ250484	480-485	Hornfels	n.d.		Ccp,Sch,Py, Sp,Mag	Qtz,Kfs
PZ250514	510-515	Hornfels	Bt,Ser,Chl		Mo,Ccp,Py	n.d.
PZ250535	535-540	Hornfels	Bt,Chl,Qtz, Pl,Kfs		Mo,Ccp,Py, Sch	Qtz
PZ250550	545-550	Granodiorite	Pl,Qtz,Kfs, Bt	Ser,Cal,Chl	Mo,Sch,Ccp, Py,Rt	Qtz,Fs
PZ250573	568-573	Hornfels	Bt,Chl,Qtz, Pl,Kfs		Mo,Ccp,Sch, Bn,Py,Sp	Qtz,Fs
PZ250604	604-609	Granodiorite	Ph:Pl,Qtz, Kfs,Bt Mx:Qtz,Kfs	Ser,Cal,Mc, Chl,Op,min.	Mo,Sch,Ccp, Py	n.d.

PZ250634	630-635	Granodiorite	Ph:Pl,Qtz, Bt,Kfs Mx:Qtz,Kfs,Pl	Ser,Chl,Cal, Op.min.	Mo,Sch,Ccp, Py	Qtz,Chl,Ep
PZ250664	661-666	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl, Op.min.	Ccp,Mo,Sch, Py	Qtz,Ser
PZ250689	685-690	Granodiorite	Ph:Pl,Bt,Qtz, Kfs Mx:Qtz,Kfs	Ser,Chl, Op.min.	Py,Ccp,Bn, Sp,Rt	Qtz
PZ250690	685-690	Granodiorite	n.d.		Mo,Ccp,Py, Sch,Bn,Sp,Rt	Qtz,Ser,Chl
PZ250723	720-725	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Mc, Op.min.	Ccp,Py	Qtz,Ser,Chl
PZ250752	750-755	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl,Ep, Op.min.	Ccp,Py,Mo, Sp,Mag,Sch, Rt	Qtz
PZ250780	780-785	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl,Cal, Ep,Rt, Op.min.	Mo,Ccp,Sch, Py,Gn	Qtz,Ser,Chl
PZ250812	810-815	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Cal,Chl, Mc	Ccp,Py,Mo, Sch,Mag,Rt, Po,Sp	Qtz,Ser
PZ250840	840-845	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl, Op.min.	Mo,Ccp,Sch, Py,Mag	Qtz
PZ250870	870-875	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Ms	Ccp,Py,Mo, Sch	Qtz,Kfs,Bt
PZ250900	900-905	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl, Op.min.,Fs	Mo,Sch,Ccp	Qtz
PZ250933	932-937	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl, Fs,Op.min.	Py,Ccp,Sp, Gn	Qtz,Ser,Chl
PZ250965	960-965	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl	Mo,Sch,Py, Sp,Ccp,Bn	Qtz
PZ250994	990-995	Granodiorite	Ph:Pl,Qtz,Bt, Mx:Qtz,Kfs	Ser,Chl,Ep, Op.min.	Mo,Sch,Py, Ccp,Bn,Sp	Qtz,Chl
PZ251021	1020-1025	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl,Fs, Op.min.	Py,Ccp,Sch, Mo,Sp,Mag	Qtz,Ser,Chl
PZ251053	1050-1055	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl,Fs, Ap,Op.min.	Sch,Mo,Ccp, Py,Rt	Qtz,Fs,Chl
PZ251083	1080-1085	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Ep, Fs,Op.min.	Sch,Mo,Ccp, Py,Bn,Sp,Rt	Qtz,Ep,Chl
PZ251112	1110-1115	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Fs, Op.min.	Ccp,Py,Mo, Sch,Sp,Mag,Rt	Qtz,Eo

PZ251139	1138-1143	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl	Ccp,Mo,Sch, Sp	Qtz,Ep
PZ251170	1170-1175	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Ep,Chl, Ab,Op.min.	Mo,Sch,Ccp, Py,Sp,Rt	Qtz,Ser,Chl
PZ251200	1200-1205	Granodiorite	Ph:Pl,Qtz, Kfs,Bt,Hbl Mx:Qtz,Kfs,Pl	Ser,Chl,	Sch,Py,Mo, Ccp	Qtz
PZ251232	1228-1233	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Cal,Chl, Hem,Op.min.	Mo,Sch,Ccp, Py,Po,Sp	Qtz

**Table 3.--GEOLOGICAL DATA FOR SAMPLES COLLECTED FROM
HOLE PZ-26**

Sample no.	Interval (m)	HOST ROCKS			MINERALIZATION	
		Rock type	Mineral assemblage	Alteration mineralogy	Ore mineral assemblage	Gangue minerals
PZ260171	167-172	Phyllite	Ser,Kfs,Bt, Qtz,Chl		Lm	Qtz,Chl,Cal
PZ260202	200-205	Phyllite	Ser,Kfs,Pl, Qtz,Bt,Chl		Mo,Ccp,Py, Sp	Qtz,Chl
PZ260234	230-235	Phyllite	Ser,Fs		Mo,Ccp,Sch, Py	Qtz,Kfs,Chl
PZ260264	260-265	Hornfels	Pl,Kfs,Bt, Qtz,Chl		Mo,Ccp,Py, Sch,Mag	Qtz,Kfs
PZ260306	303-308	Hornfels	Pl,Bt,Qtz, Chl		Ccp,Py,Mo	Qtz,Kfs
PZ260321	320-325	Rhyolite- dacite	Ph:Pl,Qtz,Maf Mx:Qtz,Alk, Fs,Chl,Ser	Ser,Cal,Chl, Ms,Op.min.	Mo,Ccp,Py	Qtz,Fs,Ser
PZ260334	332-337	Hornfels	Pl,Kfs,Bt, Ser,Qtz,Chl		Py,Mo,Ccp, Rt	Qtz,Kfs
PZ260366	365-370	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl	Ccp,Mo,Py, Bis	Qtz
PZ260393	390-395	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Cal,Chl, HMs,Op.min	Sch,Mo,Ccp, Py	n.d.
PZ260422	420-425	Granodiorite	Ph:Pl,Bt,Qtz Mx:Qtz,Kfs	Ser,Mc,Chl, Adl,Cal	Py,Sch,Ccp, Mag,Hem,Rt	Kfs
PZ260452	450-455	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl,Cal, HMs	Mo,Py,Sch, Ccp,Rt	Qtz
PZ260479	475-480	Granodiorite	Ph:Pl,Qtz, Ps.a. Maf Mx:Qtz,Kfs, HMs	Ser,Ms,Cal, Op.min.	Mo,Ccp,Py, Sp,Gn	Qtz,Ser
PZ260510	510-515	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs, HMs	Ser,Cal,Chl, HMs,Op.min.	Ccp,Mo,Sch, Py,Sp,Rt	Qtz,Ser
PZ260542	540-545	Granodiorite	Ph:Pl,Qtz, Ps.a. Maf Mx:Qtz,Kfs	HMs,Cal,Ser Op.min.	Py,Ccp,Mo	Qtz,Ser
PZ260572	570-575	Granodiorite	Ph:Pl,Qtz, PS.Maf Mx:Qtz,Kfs	HMs,Ser,Cal Mc,Op.min.	Mo,Ccp	Qtz,Kfs
PZ260600	600-605	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Cal,Chl, Ep,Op.min.	Mo,Ccp,Sch, Py,Rt	Qtz
PZ260633	630-635	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Cal,Chl, Ep,Op.min.	Ccp,Py,Mo, Sch,Sp	Qtz

PZ260664	660-665	Granodiorite	Ph:Pl,Bt,Qtz Mx:Qtz,Kfs	Ser,Chl	Ccp,Mo,Py	Qtz
PZ260687	687-692	Granodiorite	n.d		Mo,Ccp,Sch, Gn	Qtz,Bt,Brt, Fl,Cel
PZ260705	701-706	Granodiorite	Ph:Pl,Qtz, Ps,Maf,Kfs Mx:Qtz,Kfs	er,Cal,Kfs, Op.min.	Mo,Ccp,Bn, Py,Sp,Cc	Qtz,Ser,Chl, Cal
PZ260713	712-717	Granodiorite	n.d		Mo,Ccp,Sch, Py	Qtz,Brt,Cal, Fl
PZ260721	720-725	Granodiorite	Ph:Pl,Qtz,Bt, Kfs,Amph Mx:Qtz,Kfs	Ser,Chl,Kln, Op.min.	Ccp,Py,Mag	Qtz
PZ260746	746-751	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Ep, Adl	Mo,Ccp,Mag, Sch,Py	Qtz
PZ260782	780-785	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Ep, Qtz,Adl	Ccp,Mo,Sch, Py	Qtz
PZ260813	810-815	Granodiorite	Ph:Pl,Qtz, Kfs,Bt,Hbl Mx:Qtz,Kfs, Pl	Ser,Chl	Ccp,Py,Sch, Mag	Qtz,Cal
PZ260843	840-845	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl, Op.min.	Mo,Ccp,Mag, Sch,Py	Qtz
PZ260872	870-875	Granodiorite	Ph:Pl,Qtz,Maf Mx:Qtz,Kfs	Ser,Ms,Chl, Qtz,Kfs, Op.min.	Ccp,Mo,Mag, Sch,Py,Bn, Sp,Gn	Qtz,Kfs
PZ260900	899-904	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Kfs,Chl	Ccp,Mag,Mo, Sch,Py	Qtz,Ep,Ser
PZ260934	930-935	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Kfs, Kln,Op.min.	Mo,Ccp,Py, Hem	Qtz,Ank
PZ260961	960-965	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs,Pl	Ser,Chl,Cal	Py,Ccp,Mo, Sch,Mag,Sp	Qtz,Chl,Ser
PZ260992	990-995	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl,Ep, Op.min.	Ccp,Py,Mo, Sch,Mag	Qtz,Chl
PZ261022	1022-1027	Granodiorite	Ph:Pl,Bt,Qtz, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl	Ccp,Mo,Py	Qtz,Kfs,Cal
PZ261063	1061-1066	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Ep, Op.min.	Ccp,Py,Mag	Qtz,Kfs,Ser, Chl
PZ261083	1080-1085	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Kfs Op.min.	Ccp,Mag,Sch, Mo	Qtz
PZ261115	1110-1115	Granodiorite	Ph:Pl,Qtz, Kfs,Bt Mx:Qtz,Kfs,Pl	Ser	Sch,Ccp,Py, Mo,Mag	Qtz,Chl,Ep

PZ261140	1140-1145	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Kfs,Chl	Mag,Hem,Mo, Ccp,Sch,Py	Qtz,Ep,Chl, Cal
PZ261170	1170-1175	Granodiorite	Ph:Pl,Qtz, Kfs,Bt Mx:Qtz,Kfs	Ser,Chl	Mo,Ccp,Sch, Py,Mag,Sp	Qtz,Ep,Bt
PZ261200	1200-1205	Granodiorite	Ph:Pl,Qtz, Kfs,Bt Mx:Qtz,Kfs,Pl	Ser	Mo,Py,Ccp, Sp	Ser,Ctz
PZ261237	1234-1239	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl	Mo,Ccp,Py	Qtz
PZ261261	1260-1265	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser	Ccp,Py,Mo,Bn, Mag,Sch,Sp, Gn,Mar	Qtz,Kfs,Cal
PZ261283	1283-1288	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl	Ser	Ccp,Pb,Bn, Sp,Mo,Gn	Qtz,Ser,Chl, Ank,Brt Cal, Fe
PZ261318	1314-1319	Granodiorite	Ph:Pl,Qtz, Kfs,Bt Mx:Qtz,Kfs,Pl	Ser	Ccp,Mo,Po, Sch,Sp,Py, Mag	Qtz,Ms,Cal

**Table 4.--GEOLOGICAL DATA FOR SAMPLES COLLECTED FROM
HOLE PZ-27**

Sample no.	Interval (m)	HOST ROCKS			MINERALIZATION	
		Rock type	Mineral assemblage	Alteration mineralogy	Ore Mineral assemblage	Gangue minerals
PZ270181	181-186	Metasiltstone	Ser,Bt,Chl, Kfs,Ep,Qtz		Py,Ccp,Bn,Cc, Cv,Mo,Sp,Mag Rt	Qtz,Fs,Cal
PZ270211	211-216	Metasandstone	Qtz,Pl,Kfs, Chl,Bt,Ser, Ms,Cal	Chl	Py,Ccp,Mo	Qtz,Chl,Ep, Fs
PZ270214	211-216	Metasiltstone	n.d.		Ccp,Py,Mag, Mo,Sch,Sp,Rt	Qtz,Chl,Cal
PZ270243	241-246	Metasiltstone	n.d.		Py,Ccp,Mo, Sch	Qtz,Chl,Cal
PZ270269	264-269	Metasandstone	Kfs,Qtz,Chl, Bt,Ep,Cal Fs	Chl	Py,Mo,Ccp, Sch,Rt	Qtz,Fs,Chl, Cal
PZ270291	291-296	Metasiltstone	Kfs,Qtz,Ep, Ser,Pl,Chl, Bt	Ser	Py,Ccp,Mag, Sch	Qtz,Kfs,Chl
PZ270329	327-332	Rhyolite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs, Cal,Chl,Pl	Ser,Chl,Cal, Ms,Op.min.	Py,Ccp,Mo, Sch,Sp,Gn,Rt	Qtz
PZ270359	358-363	Rhyolite	Ph:Pl,Bt,Qtz, Kfs Mx:Pl,Kfs,Chl Cal,glass	Ser,Cal,Chl, Op.min.	Mo,Py,Ccp, Mag,Sp,Sch,Rt	n.d.
PZ270388	387-392	Rhyolite	Ph:Pl,Qtz,Bt, Kfs Mx:Kfs,Qtz, Ms,Chl	Ser,Cal,Chl Op.min.	Py,Mo,Ccp,Cc, Bn,Gn,Sp,Mag	n.d.
PZ270423	421-426	Rhyolite	Ph:Pl,Qtz,Bt, Kfs Mx:Kfs,Qtz, Bt,Cal,Pl	Ser,Chl, Op.min.	Py,Ccp,Mo, Sch	Qtz,Ca,Ser
PZ270452	451-456	Metasiltstone	Kfs,Qtz,Ser, Ms,Bt,Ep	Chl	Mo,Ccp,Py, Bn,Mag	n.d.
PZ270484	481-486	Metasiltstone	Kfs,Qtz,Cal, Ep,Ms,Ser, Chl,Pl		Py,Ccp,Mag, Mo,Hem,Po	n.d.
PZ270512	511-516	Metasiltstone	Bt,Ms,Kfs, Qtz,Chl,Ph	Ser,Chl	Py,Mo,Sch, Ccp	Qtz
PZ270541	541-546	Metasiltstone	Ms,Bt,Qtz, Kfs	Ser,Chl	Py,Ccp,Mo, Sch	Qtz
PZ270571	571-576	Hornfels	Kfs,Qtz,Bt, Ms,Chl,Crd		Py,Mo	Qtz,Kfs

PZ270603	598-603	Hornfels	Kfs,Qtz,Chl, Ms,Bt,Ca,Ph	Chl	Py,Mo,Ccp	Qtz
PZ270631	631-636	Hornfels	Bt,Qtz,Kfs, Ser,Ep,Crd, Ap	Chl	Py,Ccp,Mo	Qtz,Chl
PZ270662	661-666	Hornfels	Qtz,Kfs,Bt, Ser,Ms,Chl, Crd	Chl	Py,Ccp	Qtz,Chl
PZ270691	691-696	Hornfels	Bt,Qtz,Kfs, Ms,Ph,Crd	Chl	Mag,Ccp,Py, Sch	Qtz,Fs
PZ270726	726-731	Metasandstone	Qtz,Kfs,Bt, Ep,Ca,Ap	Chl	Py,Ccp	n.d.
PZ270761	761-766	Granite	Pl,Qtz,Bt, Kfs,Px,Ep	Ser,Chl, Op.min	Mo,Py,Ccp, Rt,Mag,Po	Qtz
PZ270791	791-796	Granite	n.d.		Mo,Ccp,Sch, Sp,Rt	Qtz
PZ270823	821-826	Granodiorite	Pl,Bt,Qtz, Kfs	Ser,Chl, Op.min.	Mo,Ccp,Py, Sch,Rt,Mag, Sp,Bn,Ilm	Qtz
PZ270854	851-856	Granite	Ph:Pl,Bt,Qtz, Kfs Mx:Qtz,Kfs,Pl	Ser,Chl,Ep, Rt,Op.min.	Py,Ccp,Mo, Sch,Mag,Ilm	Qtz,Bt,Chl, Ep
PZ270882	881-886	Granite	Ph:Qtz,Pl, Kfs,Bt Mx:Qtz,Kfs,Pl	Ser,Chl, Op.min.	Mo,Ccp,Mag, Py,Sch,Sp	Qtz
PZ270911	911-916	Granodiorite	Ph:Pl,Bt,Qtz, Kfs Mx:Qtz,Kfs,Pl	Ser,Mc	Mo,Ccp,Sch, Py	Qtz,Kfs,Chl
PZ270942	940-945	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs,Pl, Bt	Ser,Chl,Ep, Op.min.	Ccp,Py,Mo, Sp,Mag,Bn, Ilm,Po	Qtz
PZ270945	940-945	Trachy- andesite	Ph:Pl,Kfs,Bt Mx:Pl,Kfs, Qtz	Ser,Ca,Chl, Ep,Op.min.	Py	n.d.
PZ270970	970-975	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs, Pl,Ms	Ser,Chl, Op.min.	Sch,Py,Ccp	Qtz
PZ271009	1006-1011	Granite	Ph:Pl,Qtz,Bt, Kfs Mx:Kfs,Qtz,Pl	Ser,Chl,Qtz, Op.min.	Mo,Sch,Ccp	Qtz,Chl,Ca
PZ271030	1030-1035	Granodiorite	Ph:Pl,Qtz, Kfs,Bt Mx:Qtz,Kfs,Pl	Ser,Chl,Ms, Op.min.	Ccp,Mo,Sch, Py	Qtz
PZ271065	1060-1065	Granite	Ph:Pl,Qtz,Bt, Kfs,Px Mx:Kfs	Ser,Chl, Op.min.	Sch,Mo,Ccp, Py	Qtz,Chl,Ser

PZ271088	1088-1093	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs, Pl,Bt	Ser,Chl,Ep	Ccp,Py,Mag, Sch	Qtz,Ser
PZ271121	1120-1125	Granite	Ph:Pl,Qtz, Kfs,Bt Mx:Qtz,Kfs	Ser,Chl,Ep, Kfs,Op.min.	Mo,Sch,Ccp, Py,Mag,Sp,Rt	Qtz
PZ271151	1150-1155	Granite	Ph:Qtz,Pl,Kfs Mx:Qtz,Kfs,Pl	Ser,Chl, Op.min.	Mo,Py,Ccp, Mag,Sp	Qtz,Chl,Cal
PZ271182	1180-1185	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl,Ep, Op.min.	Mag,Py,Ccp, Mo,Hem	Qtz
PZ271184	1180-1185	Granodiorite	n.d		Py,Ccp,Sp,Mo, Sch,Rt,Mag,Gn	Qtz
PZ271210	1210-1215	Granite	Ph:Qtz,Pl, Kfs,Bt Mx:Qtz,Kfs, Chl	Ser,Cal,Ab, Chl,Op.min.	Py,Mo,Sch, Ccp	Qtz,Chl,Ser, Cal
PZ271212	1210-1215	Granite	n.d.		Ccp,Py,Mo,Sp, Bt,Gn,Sch	Qtz
PZ271243	1239-1244	Granite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Chl,Cal, Ep,Op.min.	Mo,Sch,Ccp, Py,Mag,Sp	Qtz,Bt,Chl
PZ271275	1270-1275	Granodiorite	Ph:Qtz,Pl, Kfs,Bt Mx:Kfs,Qtz,Bt	Ser,Cal,Ab, Chl,Op.min.	Ccp,Mo,Sch	Qtz
PZ271301	1300-1305	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs,Pl	Ser,Chl, Op.min.	Sch,Ccp,Mo, Py	Qtz,Chl,Cal
PZ271332	1330-1335	Granodiorite	Ph:Pl,Qtz, Kfs,Bt,Px Mx:Qtz,Kfs, Pl,Bt	Ser,Ab,Chl, Cal,Op.min.	Mo,Py,Ccp	Qtz
PZ271363	1360-1365	Granite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs, Pl,Bt	Ser, Chl, Op.min.	Mo,Sch,Ccp, Py	Qtz,Chl,Ser, Kfs

**Table 5.--GEOLOGICAL DATA FOR SAMPLES COLLECTED FROM
HOLE PZ-28**

Sample no.	Interval (m)	HOST ROCKS			MINERALIZATION	
		Rock type	Mineral assemblage	Alteration mineralogy	Ore mineral assemblage	Gangue minerals
PZ280200	200-205	Metasiltstone	Ser,Chl,Bt, Qtz,Kfs,Ms		Py,Ccp	Qtz,Chl
PZ280203	200-205	Metasiltstone	n.d.		Mo,Ccp,Py, Sp	Qtz,Chl,Ank
PZ280235	230-235	Metasiltstone	Qtz,Bt,Pl, Ab,Chl		Py,Ccp,Gn	Ank
PZ280267	267-269	Metasiltstone	Qtz,Ser,Bt, Pl,Kfs,Chl		n.d.	n.d.
PZ280304	300-305	Metasandstone	Qtz,Fs		Ccp,Py,Mo, Gn,Bn	Qtz,Fs,Chl
PZ280335	330-335	Metasiltstone	Bt,Ser,Pl, Qtz,Kfs		Py,Ccp,Sp, Gn,Mag,Mo	Qtz,Chl,Bt, Fs
PZ280361	360-365	Metasiltstone	Bt,Ser,Pl		Py,Ccp,Mo	Qtz,Fs
PZ280365	360-365	Rhyolite- dacite	Ph:Pl, Ps.a. Mic Mx:Alk,Fs	Ser,Ms,Chl, Op.min.	n.d.	n.d.
PZ280382	379-384	Rhyolite- dacite	Ph:Pl,Qtz, Ps.a. Maf Mx:Kfs,Qtz	Ser,Chl,Cal, Op.min.	Ccp,Py, Mo,Bn	Qtz,Chl, Ser
PZ280384	379-384	Metasiltstone	Bt,Ser,Pl, Qtz,Kfs		Py,Ccp	Chl,Ser,Qtz
PZ280408	407-412	Rhyolite- dacite	Ph:Pl,Qtz, Ps.a. Maf Mx:Kfs,Qtz	Ser,Ms,Cal, Ep,Chl	Ccp,Py,Sp	Qtz,Ser
PZ280436	435-440	Metasiltstone	Bt,Ser,Pl, Qtz,Chl		Py,Ccp,Mo, Sp,Rt,Po	Qtz,Kfs,Ser
PZ280461	460-465	Quartz vein	Qtz		Ccp,Mo,Py	Qtz,Kfs
PZ280501	497-502	Metasandstone	Qtz,Pl,Bt, Ab,Kfs,Chl		Mo,Ccp,Py	Qtz
PZ280536	532-537	Metasiltstone	Ms,Bt,Qtz, Ab		Py,Ccp,Bn, Gn,Sp	Qtz,Kfs
PZ280565	565-570	Quartz vein	Qtz		Mo,Ccp,Py, Sch	Qtz,Kfs,Chl, Cal
PZ280569	565-570	Hornfels	n.d.		Mo,Sch,Mag, Ccp,Py	Qtz,Kfs,Ser, Ark
PZ280604	601-606	Hornfels	Ser,Ms,Qtz, Chl,Pl,Kfs		Ccp,Sp,Py, Mo	Qtz,Ser,Kfs, Chl

PZ280635	635-640	Hornfels	Ser,Ms,Bt, Qtz,Chl,Pl		Py,Mo,Ccp	Qtz,Kfs,Chl
PZ280670	670-675	Metagraywacke	Qtz,Pl,Bt, P.of rocks, Ms,Chl		Mo,Ccp,Py	Qtz,Kfs
PZ280675	670-675	Metasomatite	Ep		Ccp,Mo,Py, Mag,Rt	Qtz,Kfs,Ep, Chl,Bt,Cal
PZ280702	700-705	Metagraywacke	Qtz,Pl,Ms, P.of rocks, Chl,Ab		Mo,Ccp,Py, Bn,Rt	Qtz,Chl
PZ280730	730-735	Metagraywacke	Qtz,Pl,Bt, P.of rocks, Ab		Ccp,Py,Mo,	Qtz
PZ280762	756-762	Hornfels	Ser,Ms,Qtz, Pl,Chl,Kfs		Mo,Ccp,Rt,	Kfs,Qtz
PZ280787	786-791	Hornfels	Ser,Ms,Bt, Pl,Kfs,Qtz, Chl		Mo,Ccp,Py	Qtz,Kfs,Chl
PZ280827	823-828	Rhyolite- dacite	Ph:Pl,Qtz,Bt Kfs Mx:Kfs,Qtz, Ser,Chl	Ser,Chl	Py,Mo,Ccp, Hem,Mag	Qtz,Kfs,Bt
PZ280859	855-860	Hornfels	Bt,Ser,Ms, Pl,Qtz,Kfs		Ccp,Mo,Py, Mag,Sp,Hem	Kfs,Qtz
PZ280886	885-890	Hornfels	Bt,Ser,Ms		Mo,Sch,Py	Qtz,Kfs,Chl, Ser
PZ280921	921-926	Hornfels	Ser,Ms,Qtz, Pl,Kfs,Bt, Chl		Mo,Ccp,Py	Qtz,Kfs,Ser, Chl
PZ280948	945-950	Hornfels	Ser,Ms,Bt, Pl,Qtz		Mo,Py	Qtz,Kfs
PZ280976	975-980	Hornfels	Bt,Qtz,Fs		Mo,Py,Ccp, Hem	Qtz,Kfs
PZ281007	1005-1010	Metasandstone	Bt,Qtz,Pl, Ms,Chl		Mo,Py,Ccp, Bn	Qtz,Kfs
PZ281038	1035-1040	Hornfels	Bt,Ms,Pl, Kfs,Qtz		Mo,Py,Ccp, Rt	Qtz,Kfs,Ms, Bt
PZ281040	1035-1040	Hornfels	n.d.		Ccp,Mo,Py, Mag,Sp	Qtz,Chl,
PZ281073	1073-1078	Hornfels	Pl,Qtz, Alkali Fs, Chl		Mo,Py,Ccp	Qtz,Kfs,Chl, Cal
PZ281111	1110-1115	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Ms,Cal, Chl,Op.min.	Mo,Ccp,Py	Qtz,Kfs,Cal
PZ281134	1131-1136	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Ms,Chl, Ep,Op.min.	Mo,Sch,Mag, Ccp,Bn,Rt,Gn	Qtz

PZ281164	1160-1165	Granodiorite	Ph:Pl,Bt,Qtz, Kfs Mx:Kfs,Qtz,Pl	Ser,Ep,Chl, Op.min.	Mo,Py,Ccp, Sch	Qtz,Chl,Ser
PZ281191	1188-1193	Granodiorite	Ph:Pl,Qtz,Bt Mx:Kfs,Qtz	Ser,Ms,Cal, Chl,Ep	Ccp,Bn,Py Sp,Sch	Qtz
PZ281226	1221-1226	Granodiorite	Ph:Pl,Bt,Qtz Mx:Kfs,Qtz	Ser,Chl,Rt	Py,Ccp,Bn, Sp,Gn,Sch	Cal,Qtz

**Table 6.--GEOLOGICAL DATA FOR SAMPLES COLLECTED FROM
HOLE PZ-29**

Sample no.	Interval (m)	HOST ROCKS			MINERALIZATION	
		Rock type	Mineral assemblage	Alteration mineralogy	Ore mineral assemblage	Gangue minerals
PZ290176	172-177	Metasiltstone	Ser,Chl,Bt, Qtz,Pl,Kfs		Py,Ccp,Mo, Sp,Lm	Qtz,Fs,Chl
PZ290206	206-211	Metasiltstone	n.d.		Py,Ccp,Mo, Bn,Sp,Gn	Qtz
PZ290209	206-211	Metasiltstone	Bt,Ser,Pl, Kfs,Qtz,Chl		Mo,Ccp,Py,	Qtz,Fs
PZ290242	240-245	Hornfels	Bt,Qtz,Kfs, Pl,Ms,Chl		Py,Ccp,Mag, Sch,Hem,Rt	Qtz
PZ290243	240-245	Hornfels	n.d.		Py,Ccp,Mo	n.d.
PZ290273	270-275	Feldspathic slate	Pl,Kfs,Bt, Chl		Ccp,Py,Mo, Rt	Qtz,Kfs
PZ290294	292-297	Feldspathic slate	Kfs,Qtz,Bt, Ser	Chl	Py,Ccp,Mag	Qtz
PZ290326	326-331	Feldspathic slate	Kfs,Qtz,Bt	Chl	Mo,Ccp,Py	Qtz,Kfs
PZ290330	326-331	Feldspathic slate	n.d.		Py,Ccp,Sch, Mo,Rt	Qtz,Kfs
PZ290362	360-365	Feldspathic slate	Kfs,Qtz,Pl, Bt,Ser	Chl	Ccp,Py,Mo, Mag	Qtz
PZ290390	390-395	Granodiorite	Ph:Pl,Qtz,Bt, Kfs Mx:Qtz,Kfs	Ser,Ms,Cal, Chl	Mo,Sch,Py, Ccp	Qtz,Kfs,Chl, Ms
PZ290394	390-395	Granodiorite	n.d.		Py,Ccp,Sch	Qtz,Ms,Chl
PZ290423	420-425	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Cal,Chl, Kln	Mo,Py,Ccp	Qtz
PZ290427	420-425	Granodiorite	n.d.		Mo,Sch,Ccp, Mag,Sp,Gn, Bn,Rt	Qtz,Ser,Cal
PZ290452	450-455	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Ms,Cal, Chl	Ccp,Py,Sp, Gn,Mo	Qtz,Chl,Ser
PZ290488	483-488	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Cal,Chl, HMs,Kfs	Py,Ccp,Mo, Sch,Sp,Gn,Rt	Qtz,Kfs
PZ290513	510-515	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Ms,Cal, Chl	Ccp,Sch,Mo, Py,Bis	Qtz,Chl
PZ290514	510-515	Granodiorite	n.d.		Sch,Mo,Ccp, Py,Mag,Rt	Qtz

PZ290544	540-545	Granodiorite	Ph:Pl,Bt,Qtz Mx:Qtz,Kfs	Ser,HMs,Cal Kfs,Op.min.	Ccp,Mo,Py, Sch	Q'z,Ser
PZ290570	568-573	Granodiorite	Ph:Pl,Qtz, Ps.a. Maf Mx:Qtz,Kfs	Ser,HMs, Chl,Cal	Mo,Py,Ccp	Qtz,Ser,Chl
PZ290600	598-603	Granodiorite	Ph:Pl,Bt,Qtz Mx:Qtz,Kfs	Ser,Ms,Cal, Chl	Mo,Sch,Py, Ccp	Q'z,Ser
PZ290633	630-635	Granodiorite	Ph:Pl,Bt,Qtz Mx:Qtz,Kfs	Ser,Ms,Cal, Chl	Mo	Qtz
PZ290661	660-665	Granodiorite	Ph:Pl,Bt, Qtz,Kfs Mx:Qtz,Kfs	Ser,Chl,Ms, Cal,Kfs	Ccp,Mo,Py, Sch,Bn,Sp,Rt	Q'z,Ser
PZ290697	697-702	Granodiorite	Ph:Pl,Bt, Qtz,Kfs Mx:Qtz,Kfs	Ser,Chl, Kfs	Ccp,Mo,Sch, Bn,Sp,Gn, Mar,Po	Q'z,Cal
PZ290725	723-728	Granodiorite	Ph:Pl,Bt,Qtz Mx:Qtz,Kfs	Ser,Chl	Mo,Ccp,Py, Sp,Sch	Qtz,Ank
PZ290751	750-755	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl, Kfs	Ccp,Mo,Mag, Hem,Sch,Py	Qtz.Kfs,Ep
PZ290783	780-785	Granodiorite	Ph:Pl,Qtz,Bt Mx:Ab,Chl,Qtz	Ser,Chl	Py,Ccp,Mo, Sp,Gn,Rt	Qtz,Chl, Ser,Ank
PZ290810	810-815	Granodiorite	Ph:Pl,Bt,Qtz Mx:Qtz,Kfs	Ser,Chl, Kfs	Mo,Ccp, Py,Sch	Qtz,Kfs, E ⁺ ,Ep
PZ290850	848-853	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl, Ep	Mo,Sch, Ccp,Py	Qtz
PZ290876	876-881	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser	Mo,Sch,Py, Ccp,Sp	Qtz,Kfs, Ser,Ank
PZ290897	897-902	Granodiorite	n.d.		Mo,Ccp,Mag, Ilm	Qtz.Kfs,Ep
PZ290901	897-902	Granodiorite	Ph:Pl,Bt,Qtz Mx:Kfs,Qtz,Ab	Ser,Chl, Ep,Cal	Mo,Sch,Py, Ccp,Bn,Sp,Gl	Qtz
PZ290931	930-935	Granodiorite	Ph:Pl,Qtz, Bt,Kfs Mx:Qtz,Kfs	Ser,Chl, Ep	Mo,Ccp,Mag, Sch,Py	Qtz,Ep,Bt
PZ290963	960-965	Granodiorite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ser,Chl	Mo,Sch,Mag, Ccp,Py,Hem	Qtz,Ep,Bt
PZ290993	993-990	Granite	Ph:Pl,Qtz,Bt Mx:Kfs,Qtz	Ser,Cal, Chl,Ep	Mo,Ccp,Sch, Mag,Sp,Bn,Gn	Qtz,Kfs,Chl, E ⁺ ,Ser

**Table 7.--GEOLOGICAL DATA FOR SAMPLES COLLECTED FROM
HOLE PZ-32**

Sample no.	Interval (m)	HOST ROCKS			MINERALIZATION	
		Rock type	Mineral assemblage	Alteration mineralogy	Ore mineral assemblage	Gangue minerals
PZ320179	179-184	Metasandstone	Qtz,Pl,Ser		Lm	Cal,Chl,Brt
PZ320315	315-320	Phyllite	n.d.		Mag,Py,Ccp	Qtz,Chl
PZ320318	315-320	Phyllite	Ser,Chl,Qtz, Pl		Py,Ccp,Mag	Fs,Chl,Ep
PZ320319	315-320	Phyllite	n.d.		Py,Ccp,Po, Gn	Qtz.Fs
PZ320348	345-350	Phyllite	Ser,Ms,Chl, Qtz,Fs	Ms	Py,Ccp,Gn	Qtz,Chl, Cal
PZ320376	375-380	Hornfels	n.d.		Py,Ccp,Gn	Qtz,Brt
PZ320406	405-410	Hornfels	Pl,Qtz,Chl		Py,Ccp	Qtz,Chl,Ep
PZ320426	426-431	Rhyolite- dacite	Ph:Pl,Bt Mx:Kfs,Chl, Qtz,Cal	Ser,Cal,Ms, Chl	Py	n.d.
PZ320465	463-468	Phyllite	Ser,Chl,Fs, Qtz		Py,Ccp,Hem, Mag	Qtz,Ep,Chl
PZ320540	536-541	Phyllite	Ser,Chl,Qtz, Fs,Ms		Py	Qtz,Chl,Ep
PZ320573	570-575	Phyllite	Ser,Chl,Qtz, Fs,Ms		Py,Ccp,Mag	Qtz,Fs,Ep
PZ320603	600-605	Hornfels	Chl,Qtz,Ms, Fs		Py,Ccp	Qtz,Chl
PZ320641	641-646	Hornfels	Ser,Qtz,Chl, Fs,Ms		Py,Ccp	Qtz,Ep,Chl
PZ320821	821-826	Phyllite	Ser,Qtz,Chl		Py	Qtz,Fs
PZ320851	851-856	Rhyolite- dacite	n.d.		Py,Ccp,Sch, Mag,Po,Mar, Sp	n.d.
Pz320855	851-856	Rhyolite- dacite	Ph:Qtz,Pl,Bt Mx:Kfs,Chl, Ser	Ms,Ser,Cal, Chl,Ep	Ccp,Py	Chl
PZ320882	880-885	Hornfels	Qtz,Chl,Bt, Ser,Ms	Ms	Py,Ccp	n.d.
PZ320915	910-915	Hornfels	Qtz,Ser,Chl		Py	n.d.
PZ320939	939-944	Hornfels	Ser,Chl,Bt		Py,Ccp,Bi, Bis	n.d.
PZ320970	969-974	Hornfels	n.d.		Sp,Gn,Py	Brt,Cal

PZ320971	969-974	Hornfels	Ser,Chl,Bt, Qtz		Ccp,Py,Sp	n.d.
PZ321001	1000-1005	Hornfels	Ser,Chl,Bt	Ms	Mag,Py,Ccp, Sch	Qtz,Ep,Chl
PZ321034	1032-1037	Hornfels	Chl,Ser,Qtz		Py,Ccp,Bn, Mag	Qtz,Chl
PZ321064	1061-1066	Hornfels	Ser,Chl,Qtz		Py	n.d.

**Table 8.--DATA FOR SAMPLES COLLECTED AT 300 m AND 700 m
FROM VARIOUS HOLES**

Sample no.	Interval (m)	HOST ROCKS			MINERALIZATION	
		Rock type	Mineral assemblage	Alteration mineralogy	Ore mineral assemblage	Gangue minerals
PZ-10						
PZ100300	300-305	Rhyolite- dacite	Ph:Pl,Qtz,Bt Mx:Qtz,Kfs	Ms,Ser,Cal, Chl	Py,Ccp,Mo	Qtz
PZ100305	300-305	Diabase	Pl,Ps.a.Maf, Tnt,Ilm	Ms,Chl, Amph	Mag,Ccp,Ilm, Py	Qtz
PZ100700	700-705	Granodiorite	Ph:Pl,Qtz, Kfs,Ps.a.Maf Mx:Qtz,Kfs, Ser	Ser,Cal, HMs,Mag,Rt	Py,Ccp.Sp, Gn,Dg	Qtz,Ser
PZ100703	700-705	Granodiorite	n.d.		Py,Ccp,Sp, Gn,Mag,Mo	Qtz,Ser,Chl, Dol,Cal,Brt
PZ-11						
PZ110304	300-305	Rhyolite- dacite	Ph:Pl,Qtz,Bt, Kfs Mx:Kfs,Chl, Qtz	Ser,Cal, Chl,HMs, Op.min.	Py,Ccp,Mo	Qtz
PZ110700	700-705	Rhyolite- dacite	Ph:Pl,Qtz, Ps.a.Bt Mx:Kfs,Qtz, Ser,Chl	Ser,Chl, Ep,Cal	Ccp,Py,Mo	Qtz
PZ-13						
PZ130302	300-305	Porphyry	n.d.		Ccp,Py,Ilm, Rt,Sp,Bn,Cv, Cc,Mo,Sch	Qtz
PZ130305	300-305	Rhyolite	Qtz,Kfs,Pl, Bt,Glass	Chl, Op.min.	Py,Ccp	Qtz,Ser
PZ130704	701-706	Rhyolite	n.d.		Py,Ccp,Sp, Bn,Gn,Mo, Ilm,Cc	Qtz
PZ130705	701-706	Rhyolite	Ph:Qtz,Kfs, Pl,Bt Mx:Qtz	Cal,Chl, Op.min.	Py,Ccp,Mo, Sp,Gn	Qtz,Ser
PZ-14						
PZ140701	700-705	Rhyolite	n.d.		Py,Ccp,Mo, Sch	Qtz

PZ-15						
PZ150693	693-698	Hornfels	n.d.		Py,Sch	Qtz
PZ150697	693-698	Hornfels	n.d.		Py,Ccp,Fs, Mo	Qtz
PZ-17						
PZ170303	300-306	Rhyolite-Dacite	Ph:Pl,Qtz, Ps.a.Bt,Kfs Mx:Kfs,Qtz	Ser,Cal,Chl, HMs,Rt	Sp,Py,Gn, Ccp	Qtz,Ser
PZ170703	700-705	Phyllite	Ser,Chl,Qtz	Ms	Py,Ccp,Bn, Hem	Qtz,Fs
PZ-18						
PZ180301	300-305	Metapsamite	Pl,Qtz,Chl		Ccp,Py,Mo	Qtz,Fs,Ank, Cal,C ⁺ l
PZ180305	300-305	Metapsamite	n.d.		Ccp,Py	Qtz,Fs,Chl
PZ180700	700-705	Hornfels	n.d.		Sch,Mo,Py	Qtz,Fs,Bt, Chl
PZ-19						
PZ190301	300-305	Metasiltstone	Qtz,Pl		Ccp,Py,Mag	Fs,Qtz
PZ190705	700-705	Rhyolite-Dacite	Ph:Pl,Qtz, Ps.a.Bt Mx:Qtz,Kfs	Ser,Chl, Op.min.,Qtz	Py,Mo,Ccp	Qtz,Ser,Cal
PZ-20						
PZ200302	300-305	Rhyolite-Dacite	n.d.		Py,Ccp,Mo, Mag,Rt	Qtz,Fs,Chl
PZ200700	700-705	Granodiorite	n.d.		Py,Ccp,Mo	Qtz
PZ-30						
PZ300302	300-305	Metasiltstone	Ser,Bt,Qtz, Fs	Ms	Py,Ccp	n.d.
PZ-33						
PZ330304	300-305	Granite	Ph:Qtz,Kfs, Pl,Bt,Zrn Mx:Qtz	Cal,Chl	Py,Ccp,Sch	Qtz
PZ330701	700-705	Granite	Ph:Qtz,Kfs, Pl,Bt Mx:Qtz	Chl, Op.min	Py,Ccp,Mo, Sch	Qtz

Table 9.--DATA FOR 542 CORE SAMPLES, MYSZKOW AREA, POLAND
[See text for explanation of labels]

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)		AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ100286	D557547	50	35	0	19	19 40	1.100	5.30	15.40	10 L 10.0 N
PZ100315	D557549	50	35	0	19	19 40	0.160	7.20	14.00	10 L 1.6
PZ100692	D557548	50	35	0	19	19 40	0.670	7.80	15.10	10 L 1.5
PZ110173	D566497	50	35	0	19	19 40	0.440	7.50	14.40	10 3.4
PZ110203	D566512	50	35	0	19	19 40	0.650	6.30	13.20	10 L 1.0
PZ110233	D566506	50	35	0	19	19 40	0.800	7.50	14.30	10 L 10.0 N
PZ110268	D566505	50	35	0	19	19 40	0.700	7.50	14.60	10 L 1.9
PZ110303	D566510	50	35	0	19	19 40	0.520	7.70	14.70	10 L 1.0 N
PZ110333	D566500	50	35	0	19	19 40	0.190	7.60	14.60	10 L 1.0 N
PZ110363	D566503	50	35	0	19	19 40	0.410	7.60	14.60	10 L 1.8
PZ110393	D566504	50	35	0	19	19 40	0.250	7.80	15.00	10 L 2.2
PZ110423	D566499	50	35	0	19	19 40	0.970	7.70	14.90	10 L 2.4
PZ110453	D566526	50	35	0	19	19 40	0.150	7.90	15.00	10 L 1.0 N
PZ110483	D566508	50	35	0	19	19 40	1.700	7.50	14.20	10 L 10.0 N
PZ110513	D566501	50	35	0	19	19 40	1.200	7.70	14.80	10 L 1.5
PZ110543	D566520	50	35	0	19	19 40	0.280	7.50	14.50	10 L 1.0 N
PZ110573	D566530	50	35	0	19	19 40	3.500	7.50	14.60	10 L 1.0 N
PZ110603	D566523	50	35	0	19	19 40	0.910	7.80	14.90	10 L 1.0 N
PZ110633	D566509	50	35	0	19	19 40	4.900	7.40	14.20	10 L 10.0 N
PZ110663	D566514	50	35	0	19	19 40	0.380	7.60	14.80	10 L 1.0 N
PZ110703	D566524	50	35	0	19	19 40	0.083	7.80	15.10	10 L 1.0 N
PZ110725	D557542	50	35	0	19	19 40	0.920	7.50	14.50	10 L 1.4
PZ110733	D566498	50	35	0	19	19 40	0.300	7.80	15.10	10 L 1.0 N
PZ110763	D566528	50	35	0	19	19 40	0.130	7.80	15.10	10 L 1.0 N
PZ110793	D566527	50	35	0	19	19 40	2.900	7.90	14.90	10 L 1.0 N
PZ110823	D566525	50	35	0	19	19 40	0.400	7.90	15.20	10 L 1.0 N
PZ110853	D566516	50	35	0	19	19 40	0.310	7.80	15.00	10 L 1.0
PZ110883	D566529	50	35	0	19	19 40	0.360	7.70	14.40	10 L 1.0 N
PZ110913	D566518	50	35	0	19	19 40	0.830	7.50	14.70	10 L 5.7
PZ110943	D566511	50	35	0	19	19 40	1.100	7.50	14.50	13 11.0
PZ110973	D566502	50	35	0	19	19 40	4.400	7.60	14.40	12 7.8
PZ111003	D566515	50	35	0	19	19 40	0.760	7.40	14.40	10 L 1.0 N
PZ111033	D566522	50	35	0	19	19 40	1.100	7.20	13.50	10 2.4
PZ111063	D566507	50	35	0	19	19 40	0.790	7.30	13.40	10 L 1.0 N
PZ111093	D566519	50	35	0	19	19 40	0.350	8.90	17.40	10 L 1.0 N
PZ111123	D566517	50	35	0	19	19 40	0.630	8.40	16.10	10 L 1.0 N
PZ111153	D566521	50	35	0	19	19 40	1.500	8.40	16.30	10 L 1.0 N
PZ120302	D525742	50	35	0	19	19 40	1.400	7.70	14.60	10 L 0.8
PZ120702	D525760	50	35	0	19	19 40	0.140	8.90	17.00	10 L 0.8
PZ130153	D566489	50	35	0	19	19 40	2.000	7.50	14.40	10 L 15.0 N
PZ130183	D566468	50	35	0	19	19 40	10.000	7.50	14.50	14 10.0 N
PZ130208	D566459	50	35	0	19	19 40	6.800	4.80	8.77	10 L 10.0 N
PZ130233	D566461	50	35	0	19	19 40	0.490	7.80	14.80	10 L 2.0
PZ130258	D566463	50	35	0	19	19 40	0.220	7.70	14.60	10 L 1.0 N
PZ130288	D566458	50	35	0	19	19 40	7.300	6.60	12.50	22 10.0 N
PZ130302	D525743	50	35	0	19	19 40	10.000	7.20	13.80	12 5.1
PZ130313	D566465	50	35	0	19	19 40	1.300	7.70	14.80	10 5.5
PZ130343	D566466	50	35	0	19	19 40	14.000	6.40	11.90	10 L 10.0 N
PZ130373	D566457	50	35	0	19	19 40	0.310	7.90	15.00	10 L 1.0 N
PZ130403	D566496	50	35	0	19	19 40	0.670	7.80	14.80	10 L 1.0 N
PZ130433	D566477	50	35	0	19	19 40	0.680	7.30	13.70	10 L 7.2
PZ130463	D566490	50	35	0	19	19 40	0.710	7.20	13.80	10 L 2.0
PZ130493	D566479	50	35	0	19	19 40	1.200 N	7.90	15.10	10 L 36.0

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CD_PPM_T
PZ100286	0.004	190	1 L	10 L	10.00 N	3.60	1.40	2 L
PZ100315	0.002	720	2	10 L	1.00 N	1.80	2.43	2 L
PZ100692	0.002	480	2	10 L	1.00 N	1.50	1.98	2 L
PZ110173	0.002 L	730	2	10 L	1.00 N	1.30	1.81	2 L
PZ110203	0.002 L	1000	2	10 L	1.00 N	0.42	0.66	2 L
PZ110233	0.002	570	1	10 L	10.00 N	1.30	1.80	2 L
PZ110268	0.002 L	600	2	10 L	1.00	1.20	1.71	2 L
PZ110303	0.002 L	1400	2	10 L	1.00 N	1.30	1.73	2 L
PZ110333	0.002 L	800	2	10 L	1.00 N	2.00	2.63	2 L
PZ110363	0.002 L	900	2	10 L	1.40	1.80	2.54	2 L
PZ110393	0.002 L	780	2	10 L	4.00	1.50	2.08	2 L
PZ110423	0.002 L	650	2	10 L	1.00	1.10	1.77	2 L
PZ110453	0.002 L	800	2	10 L	1.00 N	1.50	2.12	2 L
PZ110483	0.004	710	2	10	10.00 N	1.30	1.72	2 L
PZ110513	0.014	740	2	10 L	8.90	1.50	2.06	2 L
PZ110543	0.002 L	700	2	10 L	1.00 N	1.60	2.27	2 L
PZ110573	0.002 L	700	2	10 L	1.80	1.10	1.52	2 L
PZ110603	0.002 L	780	2	10 L	3.40	1.50	2.10	2 L
PZ110633	0.002	590	2	10 L	10.00 N	1.20	1.71	2 L
PZ110663	0.002 L	810	2	10 L	1.00 N	1.40	1.98	2 L
PZ110703	0.002 L	770	2	10 L	1.00 N	1.60	2.23	2 L
PZ110725	0.002 L	650	2	10 L	2.30	1.70	2.23	2 L
PZ110733	0.002 L	760	2	10 L	1.00 N	1.50	1.99	2 L
PZ110763	0.002 L	750	2	10 L	1.00 N	1.60	2.20	2 L
PZ110793	0.002 L	870	2	10 L	1.00 N	2.00	2.70	2 L
PZ110823	0.002 L	790	2	10 L	1.50	1.70	2.32	2 L
PZ110853	0.002 L	790	2	10 L	1.30	1.70	2.25	2 L
PZ110883	0.002 L	780	2	10 L	1.00 N	1.90	2.84	2 L
PZ110913	0.002 L	750	2	10 L	1.00 N	1.40	2.09	2 L
PZ110943	0.002	650	2	10 L	1.10	1.50	2.15	2 L
PZ110973	0.002 L	630	3	31	27.00	1.60	2.12	2
PZ111003	0.002 L	720	2	10 L	2.10	1.50	2.11	2 L
PZ111033	0.002	590	2	13	9.70	1.50	2.00	2 L
PZ111063	0.002	660	2	10 L	3.80	1.40	1.86	2 L
PZ111093	0.002 L	610	3	10 L	1.00 N	0.71	1.01	2 L
PZ111123	0.002 L	440	2	10 L	3.70	0.85	1.18	2 L
PZ111153	0.002 L	660	3	10 L	1.00 N	0.59	0.88	2 L
PZ120302	0.002 L	540	2	140	170.00	1.50	2.05	2 L
PZ120702	0.002	570	2	10 L	0.67 N	0.76	1.03	2 L
PZ130153	0.008 L	690	2	10 L	15.00 N	1.30	1.85	2 L
PZ130183	0.008 L	190	1	27	25.00	0.87	1.24	10
PZ130208	0.008 L	260	2	28	25.00	1.50	2.04	3
PZ130233	0.008 L	800	2	10 L	5.40	1.40	1.91	2 L
PZ130258	0.008 L	710	2	10 L	1.00 N	1.40	1.96	2 L
PZ130288	0.016	87	2	10	10.00 N	1.20	1.70	7
PZ130302	0.004	710	2	10 L	2.80	0.74	0.98	2 L
PZ130313	0.016	760	2	10 L	1.60	1.10	1.60	2 L
PZ130343	0.008 L	210	1	10 L	10.00 N	0.83	1.13	2 L
PZ130373	0.008 L	740	2	10 L	1.00 N	1.20	1.69	2 L
PZ130403	0.008 L	720	2	10 L	1.00 N	1.40	1.91	2 L
PZ130433	0.008 L	700	2	10 L	2.80	2.00	2.91	2 L
PZ130463	0.008 L	730	1	10 L	1.00 N	1.10	1.60	8
PZ130493	0.008 L	710	2	10 L	15.00 N	1.30	1.90	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ100286	0.500 N	12	26	100	2900	2200	5.50	5.36
PZ100315	0.110	38	5	4	270	240	1.70	2.43
PZ100692	0.390	35	6	8	360	260	1.80	2.67
PZ110173	0.740	34	4	18	340	240	1.30	1.93
PZ110203	0.790	28	2	18	340	310	1.20	1.80
PZ110233	0.900	140	4	15	1200	1200	1.80	2.63
PZ110268	0.950	30	4	18	830	880	1.80	2.74
PZ110303	1.200	46	4	18	820	820	1.90	2.69
PZ110333	0.320	43	6	26	220	200	2.20	3.12
PZ110363	0.710	41	6	22	370	390	2.10	3.06
PZ110393	0.370	41	6	30	230	210	2.20	3.20
PZ110423	0.230	44	5	23	170	260	2.10	2.99
PZ110453	0.150	52	6	17	110	88	1.80	2.69
PZ110483	0.500 N	41	5	20	1800	1700	1.70	2.50
PZ110513	1.100	58	5	20	690	630	1.90	2.71
PZ110543	0.170	38	4	18	93	85	2.10	2.76
PZ110573	2.100	50	4	15	790	880	1.90	3.01
PZ110603	0.470	47	5	16	720	690	1.90	2.75
PZ110633	1.800	47	6	19	1800	1700	1.90	2.81
PZ110663	1.200	48	5	20	150	110	2.00	2.95
PZ110703	0.380	63	6	28	58	66	2.20	3.00
PZ110725	0.800	64	5	8	680	590	1.70	2.56
PZ110733	0.190	44	5	18	180	130	1.90	2.78
PZ110763	0.200	56	6	18	130	130	2.20	3.21
PZ110793	0.260	62	6	17	1100	1000	2.40	3.34
PZ110823	0.089	55	6	18	120	120	2.30	3.26
PZ110853	0.400	57	6	26	130	120	2.20	3.15
PZ110883	0.220	52	6	26	65	62	2.30	3.31
PZ110913	0.400	40	6	28	300	470	2.40	3.87
PZ110943	0.970	38	7	36	580	580	2.80	4.05
PZ110973	3.000	41	6	31	690	620	1.90	2.77
PZ111003	0.520	39	4	12	480	440	1.80	2.51
PZ111033	0.460	30	4	16	390	330	1.90	2.70
PZ111063	0.650	29	5	13	330	290	1.70	2.25
PZ111093	0.290	68	16	67	120	100	4.20	6.15
PZ111123	0.260	64	20	100	290	250	4.90	7.08
PZ111153	0.240	64	18	65	150	170	4.20	5.88
PZ120302	0.480	41	9	4	510	430	2.00	2.94
PZ120702	0.056	71	17	48	170	150	4.40	6.29
PZ130153	0.750 N	53	4	10	1300	1400	1.60	2.33
PZ130183	12.000	45	6	9	1900	1900	1.50	2.18
PZ130208	3.700	28	10	14	1700	1700	2.20	3.06
PZ130233	0.140	45	4	9	520	480	1.60	2.24
PZ130258	0.069	48	4	9	540	490	1.90	2.78
PZ130288	7.000	40	6	10	3200	2800	3.30	4.66
PZ130302	1.100	42	5	3	1300	1100	1.70	2.39
PZ130313	0.290	45	5	9	550	440	1.80	2.59
PZ130343	0.940	24	8	11	8600	8200	2.30	3.26
PZ130373	0.050 N	50	5	9	400	390	1.90	2.63
PZ130403	0.067	33	5	10	970	910	1.60	2.40
PZ130433	0.390	36	4	9	250	240	1.70	2.51
PZ130463	9.400	39	4	9	610	580	1.20	1.82
PZ130493	0.750 N	50	5	10	1200	1200	1.80	2.55

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ100286	13	0.02 L	1.50	3.53	6	41	1.74	2.90
PZ100315	17	0.02 L	2.90	3.52	23	15	1.91	0.54
PZ100692	19	0.02 L	3.70	4.51	22	20	2.41	0.58
PZ110173	17	0.03	3.60	4.37	21	18	2.32	0.46
PZ110203	15	0.02	3.70	5.03	19	110	1.67	0.23
PZ110233	17	0.03	3.80	4.70	89	18	1.98	0.51
PZ110268	17	0.03	4.10	4.94	18	21	2.05	0.48
PZ110303	18	0.03	3.50	4.40	29	22	1.56	0.50
PZ110333	18	0.02	3.40	4.14	27	27	3.20	0.98
PZ110363	18	0.03	3.30	4.07	26	17	2.18	0.52
PZ110393	17	0.03	2.80	3.48	25	19	1.19	0.57
PZ110423	17	0.02	3.40	4.37	28	21	1.08	0.70
PZ110453	18	0.02 L	3.10	3.71	33	37	1.75	0.54
PZ110483	17	0.03	3.10	3.87	25	26	1.46	0.48
PZ110513	17	0.02	3.70	4.45	36	19	1.35	0.50
PZ110543	17	0.02 L	3.10	3.81	24	36	1.90	0.54
PZ110573	18	0.02 L	3.40	4.57	32	21	1.13	0.49
PZ110603	18	0.03	2.90	3.58	29	22	0.74	0.50
PZ110633	16	0.03	3.20	3.94	31	17	1.05	0.41
PZ110663	17	0.04	3.20	4.27	32	17	1.11	0.45
PZ110703	18	0.02	3.10	3.45	40	18	0.68	0.52
PZ110725	18	0.02 L	3.70	4.49	38	23	1.71	0.54
PZ110733	17	0.03	3.50	4.21	27	34	0.88	0.56
PZ110763	19	0.02	2.70	3.26	34	19	0.78	0.51
PZ110793	18	0.02 L	3.00	3.59	39	20	1.22	0.58
PZ110823	19	0.02	2.90	3.55	33	20	1.06	0.56
PZ110853	18	0.03	3.10	3.87	35	18	1.56	0.51
PZ110883	19	0.02	3.10	3.84	32	19	1.61	0.56
PZ110913	18	0.04	3.00	3.68	26	21	1.06	0.53
PZ110943	17	0.03	3.40	4.24	24	19	1.69	0.49
PZ110973	19	0.03	4.40	5.31	26	36	2.70	0.45
PZ111003	17	0.03	4.00	4.73	26	21	1.85	0.50
PZ111033	15	0.03	3.00	3.79	19	22	1.06	0.53
PZ111063	16	0.05	3.30	3.86	18	42	1.20	0.54
PZ111093	21	0.06	3.80	4.82	36	63	1.66	1.70
PZ111123	21	0.04	2.80	3.43	35	61	1.65	2.20
PZ111153	19	0.09	3.90	4.97	35	59	1.28	1.50
PZ120302	17	0.02 N	3.10	3.90	25	23	1.61	0.51
PZ120702	21	0.02 N	2.80	3.44	37	50	2.33	1.50
PZ130153	17	0.02 L	3.80	4.69	33	13	2.60	0.47
PZ130183	18	0.03	4.50	5.58	28	25	2.42	0.40
PZ130208	11	0.05	2.50	2.96	18	110	3.18	0.64
PZ130233	20	0.02 L	3.60	4.29	26	22	2.44	0.49
PZ130258	19	0.02 L	3.50	4.11	29	16	2.45	0.49
PZ130288	17	0.02 L	3.80	4.67	24	46	3.74	0.44
PZ130302	18	0.02 N	4.00	4.90	25	13	1.61	0.50
PZ130313	19	0.02 L	4.30	5.16	28	16	2.23	0.56
PZ130343	17	0.02 L	4.50	5.31	14	13	2.11	0.44
PZ130373	18	0.02 L	3.30	3.97	30	20	2.05	0.56
PZ130403	18	0.02 L	3.00	3.56	20	20	2.26	0.48
PZ130433	16	0.02 L	2.70	3.19	24	25	3.24	0.45
PZ130463	17	0.02	4.40	5.38	25	10	2.37	0.42
PZ130493	19	0.02 L	3.20	3.80	31	22	1.26	0.55

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ100286	2.33	1100	0.05	19	2.20	1.50	3.67	8
PZ100315	0.89	330	0.05	2	0.81	2.60	3.46	7
PZ100692	0.98	230	0.03	26	4.60	2.50	3.28	7
PZ110173	0.78	780	0.10	120	28.00	2.70	3.52	12
PZ110203	0.40	520	0.07	19	8.40	1.50	2.35	9
PZ110233	0.80	710	0.09	110	4.90	2.50	3.34	12
PZ110268	0.78	760	0.10	94	6.00	2.00	2.90	12
PZ110303	0.80	590	0.08	53	5.20	2.90	3.84	13
PZ110333	1.52	1000	0.13	17	2.50	2.70	3.65	12
PZ110363	0.83	830	0.11	22	4.00	2.60	3.51	13
PZ110393	0.93	730	0.09	37	4.90	3.00	4.04	14
PZ110423	1.08	810	0.10	19	1.80	2.90	3.82	13
PZ110453	0.89	610	0.08	14	3.10	2.80	3.77	12
PZ110483	0.76	620	0.08	87	5.70	2.80	3.69	12
PZ110513	0.81	780	0.10	81	7.10	2.80	3.77	14
PZ110543	0.85	730	0.10	100	11.00	2.80	3.79	12
PZ110573	0.81	630	0.09	31	2.10	3.00	3.89	14
PZ110603	0.82	620	0.09	45	3.90	3.00	4.11	14
PZ110633	0.66	830	0.11	130	6.50	2.90	3.90	12
PZ110663	0.73	820	0.11	35	4.90	2.90	3.75	15
PZ110703	0.84	850	0.10	31	5.20	2.90	4.13	16
PZ110725	0.90	490	0.07	160	16.00	2.60	3.46	9
PZ110733	0.90	830	0.10	29	3.00	2.70	3.62	15
PZ110763	0.83	700	0.09	44	5.10	3.20	4.40	17
PZ110793	0.92	700	0.09	120	6.40	3.00	3.92	18
PZ110823	0.91	650	0.09	51	5.40	2.90	3.91	15
PZ110853	0.81	830	0.11	64	6.90	2.90	3.89	13
PZ110883	0.90	830	0.12	68	7.40	2.90	3.74	17
PZ110913	0.84	740	0.10	33	5.30	2.90	3.98	13
PZ110943	0.78	610	0.08	46	5.10	2.60	3.52	12
PZ110973	0.74	1200	0.15	160	14.00	1.80	2.32	12
PZ111003	0.80	600	0.08	310	17.00	2.20	3.09	12
PZ111033	0.85	690	0.09	880	43.00	2.50	3.19	11
PZ111063	0.83	540	0.07	690	36.00	2.40	3.08	12
PZ111093	2.89	1100	0.15	340	25.00	2.40	3.18	22
PZ111123	3.70	1100	0.15	150	10.00	2.60	3.42	23
PZ111153	2.48	1000	0.14	240	11.00	2.40	3.23	18
PZ120302	0.84	230	0.04	2 L	0.45	2.80	3.73	6
PZ120702	2.49	1100	0.14	2 L	0.36	2.40	3.17	11
PZ130153	0.77	160	0.02	38	39.00	2.50	3.35	11
PZ130183	0.69	380	0.05	39	7.10	2.60	3.50	13
PZ130208	1.02	480	0.06	160	26.00	1.10	1.29	8
PZ130233	0.80	170	0.02	19	3.80	2.70	3.56	13
PZ130258	0.80	150	0.02	24	5.80	2.90	3.81	15
PZ130288	0.73	630	0.08	170	13.00	2.10	2.77	11
PZ130302	0.82	690	0.09	53	4.10	2.60	3.55	4 L
PZ130313	0.91	740	0.10	61	6.60	2.70	3.59	13
PZ130343	0.71	440	0.06	77	5.30	1.70	2.16	13
PZ130373	0.89	250	0.03	56	10.00	3.10	4.23	14
PZ130403	0.80	240	0.03	9	3.10	3.20	4.22	15
PZ130433	0.72	490	0.07	30	4.60	2.90	3.85	13
PZ130463	0.69	870	0.12	36	3.70	2.30	3.07	13
PZ130493	0.89	220	0.03	8	9.10	3.10	4.15	18

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ100286	8	36	0.040	0.16	4 L	10.0 N	0.48	10.0 N
PZ100315	16	2	0.050	0.13	15	4.6	0.11	1.0 N
PZ100692	14	4	0.060	0.14	39	39.0	0.70	1.0 N
PZ110173	16	15	0.050	0.14	120	91.0	0.41	1.0
PZ110203	9	14	0.060	0.15	370	460.0	0.61	1.2
PZ110233	58	13	0.050	0.14	55	55.0	0.60	10.0 N
PZ110268	14	16	0.050	0.13	38	35.0	0.47	1.0 N
PZ110303	20	18	0.050	0.14	74	88.0	0.32	1.1
PZ110333	17	20	0.050	0.15	75	64.0	0.14	1.8
PZ110363	16	20	0.050	0.14	530	510.0	0.25	14.0
PZ110393	17	23	0.050	0.14	620	540.0	0.11	18.0
PZ110423	18	17	0.060	0.15	32	47.0	0.47	1.0 N
PZ110453	23	14	0.050	0.14	27	22.0	0.10	1.0 N
PZ110483	19	17	0.060	0.14	96	71.0	0.34	10.0 N
PZ110513	21	17	0.050	0.14	73	71.0	0.40	1.0
PZ110543	16	16	0.050	0.14	31	22.0	0.12	1.0 N
PZ110573	20	12	0.050	0.14	59	58.0	0.47	1.3
PZ110603	18	13	0.050	0.14	77	69.0	0.15	2.5
PZ110633	18	17	0.050	0.14	95	110.0	0.51	10.0 N
PZ110663	20	18	0.050	0.15	450	500.0	0.14	23.0
PZ110703	24	22	0.060	0.16	1100	520.0	0.09	22.0
PZ110725	25	3	0.060	0.13	22	22.0	0.40	1.0 N
PZ110733	19	14	0.060	0.15	38	24.0	0.21	1.0 N
PZ110763	21	14	0.050	0.15	42	24.0	0.17	1.0 N
PZ110793	23	13	0.070	0.17	120	120.0	0.50	4.2
PZ110823	25	14	0.060	0.17	62	62.0	0.18	2.4
PZ110853	22	21	0.060	0.16	500	550.0	0.19	17.0
PZ110883	22	21	0.060	0.16	290	300.0	0.18	9.4
PZ110913	19	21	0.050	0.14	1100	2200.0	0.26	110.0
PZ110943	17	18	0.050	0.13	2600	2700.0	0.53	150.0
PZ110973	18	26	0.050	0.14	810	790.0	0.51	24.0
PZ111003	17	12	0.050	0.14	46	29.0	0.31	1.0 N
PZ111033	13	16	0.050	0.13	190	220.0	0.42	8.3
PZ111063	12	11	0.050	0.13	54	36.0	0.32	1.0 N
PZ111093	32	37	0.070	0.19	60	69.0	0.16	1.7
PZ111123	32	45	0.080	0.21	28	24.0	0.25	1.0 N
PZ111153	31	41	0.060	0.18	60	62.0	0.15	1.3
PZ120302	16	2	0.050	0.13	31	28.0	0.72	0.7 N
PZ120702	34	30	0.060	0.16	10	4.3	0.27	0.7 N
PZ130153	21	3	0.050	0.14	7	15.0 N	0.26	15.0 N
PZ130183	21	4	0.050	0.15	420	490.0	1.15	10.0 N
PZ130208	12	5	0.030	0.10	300	330.0	1.50	10.0 N
PZ130233	19	4	0.050	0.14	14	11.0	0.18	1.0 N
PZ130258	20	4	0.050	0.14	16	13.0	0.18	1.0 N
PZ130288	18	5	0.050	0.12	420	430.0	2.29	10.0 N
PZ130302	16	2	0.050	0.13	56	62.0	0.53	0.7
PZ130313	21	4	0.050	0.14	10	7.0	0.33	1.0 N
PZ130343	12	6	0.060	0.13	56	72.0	1.31	10.0 N
PZ130373	20	4	0.050	0.14	12	5.7	0.07	1.0 N
PZ130403	17	4	0.050	0.13	9	6.6	0.13	1.0 N
PZ130433	17	4	0.050	0.14	17	18.0	0.54	1.0 N
PZ130463	16	4	0.050	0.13	180	200.0	0.69	1.0 N
PZ130493	22	4	0.050	0.14	8	15.0 N	0.23	15.0 N

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ100286	25	64.90	5 L	200	0.85	4 L	0.360	1.01
PZ100315	4	69.80	5 L	370	0.10 L	8	0.140	0.36
PZ100692	5	66.60	5 L	360	0.15	7	0.120	0.42
PZ110173	4	68.90	5 L	300	0.10	8	0.120	0.36
PZ110203	2	71.40	5 L	9600	0.11	5	0.070	0.33
PZ110233	5	68.00	5 L	210	0.91	8	0.090	0.36
PZ110268	4	68.10	5 L	200	0.17	8	0.100	0.35
PZ110303	4	67.60	5 L	1900	0.10 L	10	0.140	0.36
PZ110333	5	65.20	5 L	390	0.10 L	7	0.120	0.40
PZ110363	4	66.90	5 L	490	0.12	8	0.130	0.36
PZ110393	5	68.20	5 L	410	0.10 L	8	0.180	0.36
PZ110423	5	67.40	5 L	270	0.10 L	7	0.130	0.40
PZ110453	4	68.50	5 L	340	0.10 L	8	0.140	0.37
PZ110483	4	69.60	5 L	330	0.90	8	0.130	0.34
PZ110513	4	67.90	5 L	300	0.80	8	0.140	0.36
PZ110543	4	68.60	5 L	310	0.10 L	8	0.140	0.35
PZ110573	5	68.30	5 L	270	0.10	9	0.150	0.36
PZ110603	5	69.50	5 L	370	0.10	9	0.170	0.35
PZ110633	3	69.10	5 L	270	0.10	9	0.100	0.32
PZ110663	4	68.50	5 L	310	0.10 L	9	0.160	0.34
PZ110703	5	69.10	5 L	340	0.10 L	9	0.190	0.38
PZ110725	4	67.60	5 L	290	0.15	9	0.130	0.36
PZ110733	5	68.90	5 L	350	0.10 L	9	0.180	0.37
PZ110763	5	68.70	5 L	370	0.10	8	0.200	0.40
PZ110793	5	67.30	5 L	400	0.10	9	0.230	0.43
PZ110823	5	68.00	5 L	410	0.13	10	0.190	0.43
PZ110853	4	67.60	5 L	330	0.10 L	8	0.150	0.39
PZ110883	5	67.30	5 L	400	0.10 L	8	0.200	0.39
PZ110913	4	67.60	5 L	350	0.10 L	8	0.140	0.36
PZ110943	4	66.50	5 L	350	0.10 L	8	0.120	0.36
PZ110973	4	66.40	10	220	0.31	8	0.110	0.35
PZ111003	4	68.40	5 L	350	0.32	7	0.100	0.35
PZ111033	4	70.80	5 L	360	0.35	4 L	0.160	0.34
PZ111063	5	71.50	5 L	320	0.10	4	0.170	0.34
PZ111093	19	60.70	5 L	140	0.10 L	10	0.410	0.82
PZ111123	20	61.30	5 L	150	0.12	11	0.540	0.97
PZ111153	17	63.20	5 L	140	0.10 L	9	0.370	0.75
PZ120302	4	68.40	5 L	360	4.80	9	0.160	0.36
PZ120702	19	61.40	5 L	160	0.05	9	0.400	0.79
PZ130153	4	68.50	5 L	280	0.80	10	0.100	0.35
PZ130183	4	67.20	5 L	310	1.00	11	0.110	0.35
PZ130208	3	74.70	5 L	130	3.00	6	0.080	0.22
PZ130233	5	68.50	5 L	300	0.30	9	0.120	0.37
PZ130258	4	68.30	5 L	300	0.20	10	0.130	0.36
PZ130288	4	66.80	5 L	170	0.80	6	0.090	0.30
PZ130302	4	69.50	5 L	180	0.35	7	0.070	0.35
PZ130313	4	67.50	5 L	230	0.30	9	0.130	0.37
PZ130343	4	70.20	5 L	140	0.60	8	0.100	0.29
PZ130373	5	68.20	5 L	320	0.10	9	0.190	0.37
PZ130403	5	68.60	5 L	340	0.20	9	0.150	0.36
PZ130433	4	68.30	5 L	280	0.20	9	0.160	0.33
PZ130463	4	69.10	5 L	160	0.10	7	0.110	0.35
PZ130493	5	68.70	5 L	410	0.10 L	11	0.200	0.37

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ100286	0.30	170	2	13	1	83	64
PZ100315	0.50	35	2	10	1	35	39
PZ100692	3.80	46	4	10	1 L	80	73
PZ110173	1.20	33	11	10	1	110	93
PZ110203	1.30	30	20	7	1 L	110	74
PZ110233	1.30	32	12	15	1 L	100	91
PZ110268	1.40	33	19	9	1 L	120	130
PZ110303	0.80	31	18	10	1 L	140	170
PZ110333	1.00	41	16	11	2	77	79
PZ110363	1.00	33	17	12	1 L	140	130
PZ110393	0.64	34	6	11	1 L	84	82
PZ110423	1.10	40	16	11	1	110	80
PZ110453	0.72	35	9	11	2	49	54
PZ110483	0.83	30	9	10	1	110	130
PZ110513	1.00	31	57	10	1 L	160	140
PZ110543	0.73	32	74	10	1 L	57	60
PZ110573	0.76	32	10	11	1	250	260
PZ110603	0.60	31	4	10	1 L	100	100
PZ110633	0.85	25	11	9	1 L	350	300
PZ110663	1.00	31	4	10	1	210	160
PZ110703	0.74	33	5	11	2	84	80
PZ110725	0.95	34	13	12	1	170	170
PZ110733	0.70	32	5	11	1 L	70	55
PZ110763	0.79	36	9	12	1	79	58
PZ110793	0.76	35	17	12	1 L	62	68
PZ110823	0.63	36	7	12	1	63	54
PZ110853	0.80	32	19	10	1 L	98	98
PZ110883	0.79	34	12	12	1 L	75	77
PZ110913	0.75	35	7	10	1	73	85
PZ110943	1.10	36	17	10	1 L	190	190
PZ110973	1.40	36	25	10	1 L	400	360
PZ111003	1.10	34	81	10	1 L	110	94
PZ111033	0.78	31	130	8	1 L	88	84
PZ111063	0.78	31	68	8	1 L	88	83
PZ111093	1.10	100	11	15	2	150	140
PZ111123	0.95	130	13	16	2	130	120
PZ111153	1.00	96	11	13	1 L	110	110
PZ120302	0.60	31	17	11	1	93	91
PZ120702	0.70	96	9	21	3	95	93
PZ130153	0.80	30	15	12	1	39	46
PZ130183	1.50	29	15	9	2	950	1200
PZ130208	0.90	28	10	8	1 L	310	300
PZ130233	0.85	32	10	12	1 L	48	43
PZ130258	0.75	32	8	13	1	36	33
PZ130288	1.00	34	9	9	1	640	620
PZ130302	1.10	30	5	9	1 L	140	130
PZ130313	1.50	35	15	13	1	73	66
PZ130343	1.00	26	22	8	1 L	140	65
PZ130373	0.85	35	14	14	2	43	44
PZ130403	0.60	33	9	12	1	30	29
PZ130433	0.90	33	14	10	1 L	75	86
PZ130463	2.00	32	11	9	1	840	990
PZ130493	0.70	36	6	20	2	23	30

Table 9.--continued

SAM_ID	ROCK NAME
PZ100286	Diabase
PZ100315	Granite, somewhat porphyritic
PZ100692	Granite, somewhat porphyritic
PZ110173	Granite, somewhat porphyritic
PZ110203	Granite, somewhat porphyritic
PZ110233	Granite, somewhat porphyritic
PZ110268	Granite, somewhat porphyritic
PZ110303	Granite, somewhat porphyritic
PZ110333	Granite, somewhat porphyritic
PZ110363	Granite, somewhat porphyritic
PZ110393	Granite, somewhat porphyritic
PZ110423	Granite, somewhat porphyritic
PZ110453	Granite, somewhat porphyritic
PZ110483	Granite, somewhat porphyritic
PZ110513	Granite, somewhat porphyritic
PZ110543	Granite, somewhat porphyritic
PZ110573	Granite, somewhat porphyritic
PZ110603	Granite, somewhat porphyritic
PZ110633	Granite, somewhat porphyritic
PZ110663	Quartz monzonite
PZ110703	Granodiorite
PZ110725	Granite, somewhat porphyritic
PZ110733	Granite, somewhat porphyritic
PZ110763	Granite, somewhat porphyritic
PZ110793	Granite, somewhat porphyritic
PZ110823	Granite, somewhat porphyritic
PZ110853	Granite, somewhat porphyritic
PZ110883	Granite, somewhat porphyritic
PZ110913	Granite, somewhat porphyritic
PZ110943	Granite, somewhat porphyritic
PZ110973	Granite, somewhat porphyritic
PZ111003	Granite, somewhat porphyritic
PZ111033	Granite, somewhat porphyritic
PZ111063	Granite, somewhat porphyritic
PZ111093	Hornfels
PZ111123	Hornfels
PZ111153	Hornfels
PZ120302	Granite, somewhat porphyritic
PZ120702	Hornfels
PZ130153	Granite, somewhat porphyritic
PZ130183	Granite, somewhat porphyritic
PZ130208	Granite, somewhat porphyritic
PZ130233	Granite, somewhat porphyritic
PZ130258	Granite, somewhat porphyritic
PZ130288	Granite, somewhat porphyritic
PZ130302	Granite, somewhat porphyritic
PZ130313	Granite, somewhat porphyritic
PZ130343	Granite, somewhat porphyritic
PZ130373	Granite, somewhat porphyritic
PZ130403	Granite, somewhat porphyritic
PZ130433	Granite, somewhat porphyritic
PZ130463	Granite, somewhat porphyritic
PZ130493	Granite, somewhat porphyritic

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)		AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ130523	D566484	50	35	0	19	19 40	0.430	7.40	14.10	10 L 1.0 N
PZ130553	D566478	50	35	0	19	19 40	0.230	7.40	14.10	10 L 1.0 N
PZ130583	D566483	50	35	0	19	19 40	0.620	7.30	14.00	10 L 1.0 N
PZ130613	D566492	50	35	0	19	19 40	0.330	7.60	14.40	10 L 1.8
PZ130643	D566451	50	35	0	19	19 40	1.700	7.40	14.30	12 10.0 N
PZ130673	D566450	50	35	0	19	19 40	0.400	7.90	15.20	10 L 1.0 N
PZ130703	D566488	50	35	0	19	19 40	0.360	7.70	14.50	10 L 1.0 N
PZ130768	D566452	50	35	0	19	19 40	0.300	7.70	14.50	10 L 1.0 N
PZ130793	D566480	50	35	0	19	19 40	0.170	7.60	14.50	10 L 1.0 N
PZ130813	D566469	50	35	0	19	19 40	0.073	7.90	15.00	10 L 1.0 N
PZ130838	D566448	50	35	0	19	19 40	0.510	7.20	13.70	17 9.7
PZ130873	D566453	50	35	0	19	19 40	0.450	8.20	15.80	10 1.0 N
PZ130903	D566454	50	35	0	19	19 40	0.890	6.10	11.30	12 10.0 N
PZ130928	D566495	50	35	0	19	19 40	1.200 N	7.80	14.70	10 L 17.0
PZ130953	D566491	50	35	0	19	19 40	6.600	7.30	13.90	10 L 10.0 N
PZ130983	D566446	50	35	0	19	19 40	0.590	7.60	14.40	10 L 1.0 N
PZ131013	D566476	50	35	0	19	19 40	0.180	8.80	16.90	10 L 1.0 N
PZ131043	D566467	50	35	0	19	19 40	2.100	8.30	15.20	10 L 1.1
PZ131065	D566475	50	35	0	19	19 40	0.440	7.50	13.40	10 L 1.3
PZ131098	D566460	50	35	0	19	19 40	0.210	7.30	13.00	10 L 1.0 N
PZ131138	D566486	50	35	0	19	19 40	0.220	8.00	15.10	10 L 1.0 N
PZ131163	D566481	50	35	0	19	19 40	0.580	8.20	15.60	10 L 1.0 N
PZ131193	D566471	50	35	0	19	19 40	0.230	8.70	15.70	10 L 1.0 N
PZ131213	D566473	50	35	0	19	19 40	0.390	8.50	16.30	10 L 1.0 N
PZ131243	D566455	50	35	0	19	19 40	0.170	8.40	16.00	10 L 1.0 N
PZ131272	D566470	50	35	0	19	19 40	2.600	8.10	15.50	13 8.1
PZ131303	D566494	50	35	0	19	19 40	0.067 N	8.30	15.80	10 L 1.0 N
PZ131333	D566472	50	35	0	19	19 40	0.200	7.80	14.30	10 L 1.0 N
PZ131368	D566487	50	35	0	19	19 40	0.088	8.40	15.50	10 L 1.0 N
PZ131393	D566464	50	35	0	19	19 40	0.720	8.10	15.30	10 L 1.0 N
PZ131415	D566462	50	35	0	19	19 40	0.075	5.80	10.40	10 L 1.0 N
PZ131435	D566456	50	35	0	19	19 40	0.250	6.80	12.20	10 L 1.0 N
PZ131473	D566485	50	35	0	19	19 40	0.620	9.10	17.30	10 L 4.9
PZ131493	D566493	50	35	0	19	19 40	0.110	8.10	15.40	10 L 1.0 N
PZ131518	D566482	50	35	0	19	19 40	0.280	8.70	15.40	10 L 1.0 N
PZ140306	D557546	50	35	0	19	19 40	0.130	7.80	15.40	10 L 1.0 N
PZ140702	D525766	50	35	0	19	19 40	0.160	7.80	14.80	10 L 0.7 N
PZ150302	D525763	50	35	0	19	19 40	0.930	8.70	16.70	10 L 0.7 N
PZ150696	D525751	50	35	0	19	19 40	0.250	9.10	17.50	10 L 0.7 N
PZ160300	D525765	50	35	0	19	19 40	1.100	7.10	13.30	10 L 0.7 N
PZ160702	D525774	50	35	0	19	19 40	1.200	8.30	15.90	10 L 0.7 N
PZ170300	D557540	50	35	0	19	19 40	2.300	6.80	13.30	10 L 3.9
PZ170702	D557534	50	35	0	19	19 40	7.000	8.50	16.80	10 L 1.0 N
PZ180302	D525747	50	35	0	19	19 40	3.800	8.80	16.50	10 L 0.7 N
PZ180702	D525757	50	35	0	19	19 40	0.800	8.70	16.50	10 L 0.7 N
PZ190302	D557537	50	35	0	19	19 40	0.970	9.10	17.90	10 L 1.0 N
PZ190698	D557536	50	35	0	19	19 40	2.200	7.00	13.60	10 L 1.0 N
PZ200302	D525776	50	35	0	19	19 40	9.300	7.50	14.30	10 L 1.1
PZ200702	D525761	50	35	0	19	19 40	0.270	6.10	11.40	10 L 0.7 N
PZ210182	D556411	50	35	0	19	19 40	1.200	8.00	15.40	10 L 10.0 N
PZ210212	D556409	50	35	0	19	19 40	0.570	8.40	16.10	12 2.5
PZ210242	D556400	50	35	0	19	19 40	0.880	7.90	15.00	10 L 10.0 N
PZ210278	D556404	50	35	0	19	19 40	3.800	7.50	14.00	10 L 15.0 N
PZ210284	D525750	50	35	0	19	19 40	1.300	8.40	16.10	10 L 0.7 N
PZ210302	D556402	50	35	0	19	19 40	7.400	6.50	12.00	25 10.0

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CD_PPM_T
PZ130523	0.008 L	710	2	10 L	1.00 N	1.40	1.95	2 L
PZ130553	0.008 L	660	2	10 L	1.00 N	1.20	1.77	2 L
PZ130583	0.008 L	630	2	10 L	1.00 N	1.40	1.99	2 L
PZ130613	0.008 L	780	1	10 L	1.00 N	1.20	1.71	2 L
PZ130643	0.008 L	600	2	10 L	10.00 N	1.20	1.59	2 L
PZ130673	0.008 L	730	2	10 L	4.00	1.60	2.15	2 L
PZ130703	0.008 L	670	2	10 L	7.10	1.60	2.15	2 L
PZ130768	0 B	790	2	10 L	1.00 N	1.80	2.51	2 L
PZ130793	0.008 L	950	2	10 L	1.00 N	1.60	2.26	2 L
PZ130813	0.008 L	800	2	10 L	1.00 N	1.70	2.44	2 L
PZ130838	0 B	870	1	10 L	1.00 N	1.70	2.33	2 L
PZ130873	0.008 L	760	1	10 L	1.10	2.00	2.70	2 L
PZ130903	0.008 L	640	1	10 L	10.00 N	1.60	2.13	2 L
PZ130928	0.008 L	690	2	10 L	15.00 N	1.60	2.25	2 L
PZ130953	0.008 L	700	2	10 L	10.00 N	1.30	1.82	2 L
PZ130983	0.008 L	710	4	10 L	2.50	1.40	1.88	2 L
PZ131013	0.008 L	600	3	10 L	1.00 N	0.73	1.03	2 L
PZ131043	0.008 L	730	2	10 L	2.90	0.67	0.95	2 L
PZ131065	0.008 L	700	3	10 L	2.00	1.10	1.54	2 L
PZ131098	0.008 L	380	3	10 L	1.00 N	1.70	2.26	2 L
PZ131138	0.008 L	740	3	10 L	1.00 N	1.50	1.99	2 L
PZ131163	0.008 L	860	2	10 L	2.20	1.20	1.74	2 L
PZ131193	0.008 L	390	2	10 L	2.80	1.80	2.46	2 L
PZ131213	0.008 L	520	3	10 L	1.00 N	1.30	1.85	2 L
PZ131243	0.008 L	530	2	10 L	1.00 N	1.10	1.49	2 L
PZ131272	0.008 L	120	1	10 L	8.80	1.80	2.55	2 L
PZ131303	0.008 L	500	3	10 L	1.00 N	1.70	2.41	2 L
PZ131333	0.008 L	720	3	10 L	1.00 N	1.40	1.85	2 L
PZ131368	0.008 L	780	2	10 L	1.00 N	1.60	2.26	2 L
PZ131393	0.008 L	780	2	10 L	1.00 N	1.60	2.15	2 L
PZ131415	0.008 L	600	3	10 L	1.00 N	1.00	1.31	2 L
PZ131435	0 B	2100	4	10 L	1.00 N	1.40	1.78	2 L
PZ131473	0.008 L	53	1	10 L	1.10	2.90	4.11	2 L
PZ131493	0.008 L	770	2	10 L	1.00 N	1.80	2.65	2 L
PZ131518	0.008 L	820	2	10 L	1.00	2.00	2.73	2 L
PZ140306	0.002 L	760	2	10 L	1.00 N	1.00	1.40	2 L
PZ140702	0.002 N	760	3	10 L	3.20	1.50	2.06	2 L
PZ150302	0.002 N	440	3	10 L	14.00	0.80	1.08	2 L
PZ150696	0.002 N	520	3	10 L	1.20	0.83	1.11	2 L
PZ160300	0.002 N	300	3	53	41.00	0.96	1.29	2 L
PZ160702	0.002 N	560	3	10 L	0.95	0.63	0.85	2 L
PZ170300	0.004	140	2	10 L	1.00 N	1.10	1.44	10
PZ170702	0.002 L	470	3	10 L	1.00 N	0.63	0.88	2 L
PZ180302	0.002 N	640	4	10 L	0.67 N	1.10	1.41	2 L
PZ180702	0.002 N	570	4	10 L	0.67 N	0.59	0.79	2 L
PZ190302	0.002 L	440	3	10 L	1.00 N	0.90	1.26	2 L
PZ190698	0.002 L	920	3	10 L	1.00 N	1.20	1.59	2 L
PZ200302	0.004	560	2	25	21.00	0.69	0.89	6
PZ200702	0.002 N	640	2	10 L	1.10	1.10	1.52	3
PZ210182	0.004	620	2	10 L	11.00	0.58	0.86	2 L
PZ210212	0.008	490	3	10 L	3.50	0.63	0.92	2 L
PZ210242	0.008	560	3	10 L	11.00	1.00	1.51	2 L
PZ210278	0.016	490	3	22	23.00	1.50	2.15	15
PZ210284	0.002 L	750	2	10 L	1.60	0.83	1.13	2 L
PZ210302	0.006	650	2	10 L	11.00	0.92	1.31	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ130523	0.480	45	4	11	490	470	1.50	2.19
PZ130553	0.490	20	5	9	240	230	1.50	2.15
PZ130583	0.670	40	6	11	710	680	1.60	2.34
PZ130613	1.600	49	4	10	290	260	1.60	2.34
PZ130643	0.500 N	41	5	11	4300	4000	2.20	3.06
PZ130673	0.130	41	5	9	190	170	1.80	2.65
PZ130703	0.140	49	4	10	160	150	1.80	2.61
PZ130768	0.130	42	5	6	210	97	1.70	2.41
PZ130793	0.180	44	4	9	73	64	1.50	2.16
PZ130813	0.082	54	4	8	74	61	1.50	2.23
PZ130838	1.400	41	4	9	130	110	1.50	1.98
PZ130873	0.330	42	4	6	170	150	1.60	2.23
PZ130903	0.500 N	32	5	11	1700	1600	1.50	2.12
PZ130928	0.750 N	36	4	7	1500	1600	1.50	2.13
PZ130953	0.840	33	8	13	4900	5100	2.20	3.09
PZ130983	0.150	41	4	7	170	110	1.70	2.32
PZ131013	0.390	70	16	39	180	170	4.20	5.98
PZ131043	0.520	70	14	45	100	79	3.90	5.43
PZ131065	0.300	40	7	13	93	82	2.10	2.94
PZ131098	0.110	51	18	77	91	74	4.30	5.82
PZ131138	0.170	48	6	8	180	170	1.60	2.32
PZ131163	0.360	53	16	55	84	77	3.90	5.75
PZ131193	0.320	53	17	44	54	52	4.20	5.96
PZ131213	0.140	61	16	39	81	76	3.70	5.51
PZ131243	0.120	46	17	15	76	40	4.20	5.97
PZ131272	0.480	47	12	10	180	170	2.10	3.09
PZ131303	0.050 N	58	16	45	45	38	4.10	6.03
PZ131333	0.260	40	5	13	33	27	1.40	1.99
PZ131368	0.077	48	7	10	29	26	2.10	2.93
PZ131393	0.550	45	5	9	290	280	2.00	2.88
PZ131415	0.050 N	28	3	15	34	32	1.30	1.82
PZ131435	0.094	37	4	12	110	93	2.00	2.54
PZ131473	0.072	53	7	5	130	130	2.10	3.17
PZ131493	0.056	48	7	10	210	200	2.00	2.89
PZ131518	0.100	51	7	10	550	500	2.30	3.07
PZ140306	0.280	64	15	59	220	180	3.60	5.38
PZ140702	0.180	48	5	6	170	140	1.70	2.37
PZ150302	0.050 N	53	22	55	450	290	4.60	6.49
PZ150696	0.110	59	18	49	200	180	4.50	6.39
PZ160300	0.062	47	17	91	950	630	4.20	6.02
PZ160702	0.810	65	19	77	1100	680	4.60	6.64
PZ170300	9.700	33	4	5	1300	1100	1.60	2.26
PZ170702	0.600	69	14	55	430	370	4.10	5.93
PZ180302	0.320	76	13	35	2200	1700	3.60	5.10
PZ180702	0.330	57	17	56	470	350	4.40	6.25
PZ190302	0.093	61	17	63	1600	1300	4.00	5.88
PZ190698	0.180	34	4	6	1600	1200	1.20	1.72
PZ200302	6.800	37	4	5	2900	2400	1.10	1.63
PZ200702	2.700	94	3	5	360	260	0.86	1.21
PZ210182	0.500 N	74	20	42	1100	1300	3.60	5.32
PZ210212	0.260	74	16	23	650	660	3.70	5.59
PZ210242	0.500 N	66	20	56	1400	1500	3.20	4.75
PZ210278	16.000	43	9	27	4200	4500	1.90	2.73
PZ210284	0.400	73	14	41	450	350	3.90	5.61
PZ210302	1.300	51	12	41	600	570	2.90	4.21

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ130523	19	0.02 L	3.40	4.06	27	18	2.09	0.43
PZ130553	17	0.02 L	3.90	4.70	11	17	2.05	0.39
PZ130583	18	0.02	3.60	4.29	25	18	2.37	0.46
PZ130613	18	0.02 L	3.70	4.52	29	16	2.34	0.46
PZ130643	18	0.02	3.30	4.26	26	18	2.37	0.43
PZ130673	19	0.02	2.80	3.58	27	20	1.36	0.52
PZ130703	19	0.02	3.10	3.71	29	22	2.09	0.48
PZ130768	18	0.02	3.00	3.78	26	22	1.92	0.48
PZ130793	18	0.04	3.80	4.58	27	42	2.55	0.44
PZ130813	18	0.03	3.30	3.93	33	18	1.54	0.45
PZ130838	17	0.04	4.20	5.44	26	16	2.99	0.55
PZ130873	19	0.02	4.60	5.91	25	7	3.20	0.63
PZ130903	15	0.03	3.10	3.84	20	14	1.66	0.37
PZ130928	19	0.02 L	3.40	4.04	23	17	1.90	0.50
PZ130953	18	0.03	3.60	4.34	20	15	1.74	0.44
PZ130983	17	0.02	3.10	3.91	25	18	1.35	0.57
PZ131013	20	0.03	3.70	4.41	38	56	2.62	1.50
PZ131043	22	0.03	3.60	4.18	36	50	2.08	1.80
PZ131065	18	0.02	4.20	4.72	24	30	1.57	1.00
PZ131098	18	0.03	2.30	2.57	28	44	1.96	1.90
PZ131138	20	0.02 L	3.30	4.03	29	25	1.65	0.66
PZ131163	19	0.03	3.20	3.88	29	60	2.59	1.60
PZ131193	19	0.02	2.60	3.00	29	44	0.99	1.50
PZ131213	20	0.03	3.40	4.09	33	53	1.34	1.60
PZ131243	18	0.02 L	3.10	3.86	25	55	1.54	1.70
PZ131272	15	0.04	2.20	2.59	27	12	2.45	0.25
PZ131303	20	0.02 L	2.60	3.20	31	50	0.95	1.50
PZ131333	18	0.03	3.70	4.22	24	28	1.40	0.63
PZ131368	21	0.04	2.80	3.34	29	25	1.42	0.72
PZ131393	21	0.03	3.00	3.59	28	27	1.41	0.73
PZ131415	14	0.02	2.60	2.99	18	26	0.68	0.41
PZ131435	17	0.06	3.80	4.55	23	28	1.12	0.56
PZ131473	20	0.04	1.40	1.61	33	5	5.08	0.87
PZ131493	19	0.02 L	2.50	3.03	29	22	1.26	0.67
PZ131518	21	0.04	2.60	2.90	32	25	0.84	0.70
PZ140306	16	0.02 L	2.80	3.55	36	38	1.04	1.30
PZ140702	17	0.02	3.10	3.72	31	22	0.81	0.51
PZ150302	19	0.02 N	3.30	4.09	29	58	1.81	1.60
PZ150696	20	0.02	4.20	5.11	31	59	2.21	1.50
PZ160300	16	0.03	3.00	3.62	26	37	1.88	1.80
PZ160702	18	0.03	4.10	5.12	35	64	1.89	1.70
PZ170300	16	0.02 L	4.80	5.99	20	110	2.16	0.42
PZ170702	20	0.02 L	3.10	3.84	38	57	2.31	1.50
PZ180302	22	0.02	4.00	4.82	38	52	2.13	1.40
PZ180702	20	0.03	4.10	5.02	30	65	1.60	1.70
PZ190302	22	0.02 L	3.50	4.35	33	55	1.89	1.40
PZ190698	15	0.02 L	3.90	4.72	21	15	1.44	0.50
PZ200302	20	0.02	6.70	8.32	23	72	1.71	0.35
PZ200702	12	0.02 N	2.60	3.19	57	24	0.84	0.51
PZ210182	18	0.02 L	4.30	5.51	41	65	2.21	1.40
PZ210212	18	0.02 L	4.10	5.20	40	70	1.54	1.40
PZ210242	17	0.02 L	3.70	4.70	37	51	1.36	1.30
PZ210278	15	0.02 L	3.10	3.81	26	43	2.15	0.81
PZ210284	21	0.02 N	5.40	6.59	38	46	2.32	1.60
PZ210302	18	0.02 L	4.70	5.76	28	75	2.79	1.50

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ130523	0.73	180	0.03	150	26.00	2.70	3.62	13
PZ130553	0.64	240	0.03	55	5.70	2.60	3.46	15
PZ130583	0.78	220	0.03	460	62.00	2.70	3.61	14
PZ130613	0.76	410	0.06	170	17.00	2.80	3.83	12
PZ130643	0.66	200	0.03	210	54.00	2.40	3.16	11
PZ130673	0.83	160	0.02	36	9.80	3.10	4.13	15
PZ130703	0.77	180	0.03	85	16.00	2.90	3.92	14
PZ130768	0.76	240	0.03	52	6.60	2.80	3.72	11
PZ130793	0.72	370	0.05	91	25.00	2.60	3.46	15
PZ130813	0.74	190	0.03	26	5.60	3.00	3.91	13
PZ130838	0.86	820	0.11	47	20.00	2.00	2.60	10
PZ130873	1.04	840	0.11	21	7.00	2.90	3.93	10
PZ130903	0.57	210	0.03	130	41.00	1.80	2.28	8
PZ130928	0.80	170	0.02	110	78.00	2.90	3.85	15
PZ130953	0.72	250	0.03	130	26.00	2.60	3.43	12
PZ130983	0.82	220	0.03	520	88.00	2.80	3.73	12
PZ131013	2.55	920	0.12	550	54.00	2.40	3.16	20
PZ131043	2.93	760	0.10	410	44.00	2.40	3.03	18
PZ131065	1.58	410	0.06	720	100.00	2.30	2.77	14
PZ131098	3.04	880	0.11	300	40.00	2.30	2.82	20
PZ131138	1.08	280	0.04	55	5.40	2.80	3.70	16
PZ131163	2.76	820	0.11	430	52.00	1.90	2.46	18
PZ131193	2.40	770	0.10	160	19.00	2.90	3.64	17
PZ131213	2.70	710	0.10	320	35.00	2.50	3.32	19
PZ131243	2.81	750	0.10	230	25.00	2.60	3.50	16
PZ131272	0.40	840	0.11	140	15.00	4.60	6.54	13
PZ131303	2.52	750	0.10	240	32.00	2.90	3.85	18
PZ131333	1.00	290	0.04	24	8.70	2.80	3.48	15
PZ131368	1.14	340	0.05	3	0.80	3.20	4.16	16
PZ131393	1.18	350	0.05	5	0.74	3.10	4.21	15
PZ131415	0.61	190	0.03	200	65.00	2.20	2.61	9
PZ131435	0.79	360	0.04	74	14.00	2.10	2.57	14
PZ131473	1.46	1900	0.26	36	8.80	5.30	7.58	13
PZ131493	1.10	300	0.04	8	1.40	3.20	4.29	16
PZ131518	1.05	310	0.04	15	1.80	3.40	4.14	16
PZ140306	2.31	390	0.06	36	3.10	2.70	3.68	16
PZ140702	0.81	250	0.04	18	3.90	3.00	4.02	8
PZ150302	2.70	470	0.07	29	2.30	2.30	3.16	10
PZ150696	2.57	580	0.08	240	23.00	1.80	2.38	9
PZ160300	2.99	390	0.05	170	24.00	2.10	2.63	9
PZ160702	2.96	620	0.09	92	10.00	1.40	1.79	11
PZ170300	0.71	640	0.09	23	3.40	1.70	2.22	7
PZ170702	2.63	1400	0.20	340	11.00	2.50	3.31	13
PZ180302	2.27	1200	0.16	40	2.20	1.80	2.34	11
PZ180702	2.80	880	0.12	320	20.00	2.70	3.61	10
PZ190302	2.49	540	0.08	4	0.56	2.40	3.21	13
PZ190698	0.84	190	0.03	340	28.00	2.50	3.30	6
PZ200302	0.55	690	0.09	24	4.40	1.50	2.04	4 L
PZ200702	0.79	200	0.03	220	47.00	2.20	2.91	4 L
PZ210182	2.55	390	0.06	100	20.00	1.90	2.70	18
PZ210212	2.55	450	0.06	100	8.30	2.20	3.18	19
PZ210242	2.27	350	0.05	77	18.00	2.40	3.32	19
PZ210278	1.37	390	0.05	110	30.00	2.20	3.09	14
PZ210284	2.65	1200	0.16	24	2.00	1.50	1.91	10
PZ210302	2.46	2100	0.27	93	9.10	0.67	0.77	12

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ130523	19	4	0.050	0.14	17	15.0	0.23	1.0 N
PZ130553	15	3	0.050	0.14	12	12.0	0.24	1.0 N
PZ130583	18	4	0.050	0.14	24	23.0	0.31	1.0 N
PZ130613	20	4	0.050	0.14	220	240.0	0.29	1.0 N
PZ130643	18	5	0.060	0.14	33	34.0	0.83	10.0 N
PZ130673	18	5	0.050	0.14	18	8.0	0.06	1.0 N
PZ130703	19	4	0.050	0.14	16	12.0	0.15	1.0 N
PZ130768	18	5	0.050	0.14	14	4.6	0.20	1.0 N
PZ130793	25	4	0.050	0.14	24	19.0	0.18	1.0 N
PZ130813	21	4	0.050	0.14	14	9.3	0.07	1.0 N
PZ130838	16	6	0.050	0.13	29	21.0	0.35	1.0 N
PZ130873	16	6	0.060	0.14	12	7.2	0.54	1.0 N
PZ130903	13	6	0.040	0.11	15	10.0 N	0.56	10.0 N
PZ130928	17	3	0.050	0.14	7	15.0 N	0.19	15.0 N
PZ130953	15	8	0.050	0.12	19	14.0	0.72	10.0 N
PZ130983	17	7	0.050	0.14	15	6.5	0.11	1.0 N
PZ131013	34	31	0.090	0.23	78	84.0	0.28	1.0 N
PZ131043	34	32	0.070	0.18	50	47.0	0.12	1.0 N
PZ131065	18	19	0.050	0.13	36	28.0	0.23	1.0 N
PZ131098	23	43	0.050	0.13	15	13.0	0.22	1.0 N
PZ131138	22	8	0.060	0.15	29	22.0	0.11	1.0 N
PZ131163	29	26	0.070	0.19	78	79.0	0.36	1.0 N
PZ131193	25	27	0.070	0.18	30	26.0	0.05	1.0 N
PZ131213	29	24	0.070	0.20	16	10.0	0.10	1.0 N
PZ131243	22	27	0.070	0.19	20	11.0	0.89	1.0 N
PZ131272	21	12	0.060	0.15	55	65.0	1.88	1.0 N
PZ131303	29	25	0.070	0.19	13	2.8	0.05	1.0 N
PZ131333	16	10	0.050	0.14	21	16.0	0.05 L	1.0 N
PZ131368	22	8	0.060	0.15	11	4.8	0.00 B	1.0 N
PZ131393	20	7	0.050	0.15	46	42.0	0.05	1.0 N
PZ131415	13	4	0.040	0.12	9	2.9	0.05 L	1.0 N
PZ131435	15	7	0.050	0.13	16	7.8	0.83	1.0 N
PZ131473	24	7	0.060	0.17	4 L	3.2	0.72	1.0 N
PZ131493	21	8	0.050	0.15	7	3.4	0.05 L	1.0 N
PZ131518	24	12	0.060	0.15	8	2.8	0.00 B	1.0 N
PZ140306	31	23	0.060	0.16	9	7.3	0.10	1.0 N
PZ140702	18	2	0.050	0.13	12	4.5	0.12	0.7 N
PZ150302	26	31	0.080	0.19	18	12.0	0.79	0.7 N
PZ150696	28	31	0.070	0.19	13	4.7	0.73	0.7 N
PZ160300	23	37	0.070	0.16	18	7.7	1.43	0.7 N
PZ160702	30	35	0.070	0.17	40	46.0	0.39	0.7 N
PZ170300	15	2	0.050	0.11	450	530.0	0.89	2.2
PZ170702	35	30	0.060	0.16	31	25.0	0.38	1.0 N
PZ180302	36	21	0.100	0.23	13	9.1	0.54	0.7 N
PZ180702	25	30	0.060	0.14	38	20.0	0.61	0.7 N
PZ190302	33	30	0.070	0.18	7	4.2	0.65	1.0 N
PZ190698	12	3	0.050	0.11	14	7.1	0.33	1.0 N
PZ200302	16	5	0.060	0.13	180	210.0	0.68	3.1
PZ200702	37	4	0.050	0.12	25	11.0	0.12	3.8
PZ210182	38	55	0.080	0.20	36	34.0	0.30	10.0 N
PZ210212	38	25	0.090	0.21	22	16.0	0.25	1.0 N
PZ210242	35	90	0.080	0.19	23	19.0	0.25	10.0 N
PZ210278	19	15	0.070	0.17	590	580.0	0.57	15.0 N
PZ210284	33	23	0.060	0.16	22	21.0	0.49	0.7 N
PZ210302	25	24	0.060	0.15	150	140.0	0.95	1.0 N

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ130523	4	69.60	5 L	310	0.10 L	9	0.160	0.34
PZ130553	4	69.50	5 L	280	0.10 L	8	0.150	0.34
PZ130583	4	69.20	5 L	280	0.10	9	0.160	0.34
PZ130613	4	68.50	5 L	240	0.10	9	0.130	0.36
PZ130643	4	68.50	5 L	330	0.20	9	0.120	0.34
PZ130673	5	68.60	5 L	400	0.15	9	0.180	0.38
PZ130703	5	69.10	5 L	330	0.10	9	0.160	0.35
PZ130768	4	68.70	5 L	360	0.15	9	0.120	0.36
PZ130793	4	67.70	5 L	300	0.10	13	0.150	0.36
PZ130813	5	68.80	5 L	400	0.20	11	0.160	0.37
PZ130838	4	67.90	5 L	170	0.15	8	0.120	0.34
PZ130873	5	62.20	5 L	200	0.20	8	0.090	0.37
PZ130903	3	73.50	5 L	230	0.20	6	0.090	0.26
PZ130928	5	68.70	5 L	410	0.10	10	0.150	0.36
PZ130953	4	68.40	5 L	340	0.20	7	0.110	0.33
PZ130983	5	69.90	5 L	460	0.15	7	0.150	0.36
PZ131013	18	61.20	5 L	170	0.10	12	0.360	0.80
PZ131043	17	64.20	5 L	170	0.20	14	0.420	0.77
PZ131065	8	69.70	5 L	310	0.20	8	0.260	0.49
PZ131098	17	66.50	5 L	230	0.10 L	8	0.550	0.95
PZ131138	6	68.90	5 L	410	0.10	11	0.200	0.41
PZ131163	17	63.00	5 L	240	0.20	12	0.380	0.75
PZ131193	17	64.10	5 L	240	0.10	8	0.480	0.77
PZ131213	18	63.00	5 L	190	0.10	9	0.440	0.77
PZ131243	17	62.90	5 L	150	0.20	8	0.420	0.76
PZ131272	6	64.30	5 L	290	0.50	8	0.130	0.46
PZ131303	19	63.40	5 L	220	0.10 L	11	0.480	0.80
PZ131333	6	70.60	5 L	400	0.10 L	8	0.210	0.40
PZ131368	6	68.10	5 L	430	0.10 L	9	0.250	0.42
PZ131393	6	67.90	5 L	420	0.20 L	9	0.220	0.41
PZ131415	3	78.40	5 L	280	0.10	8	0.130	0.26
PZ131435	5	72.80	5 L	550	0.15	9	0.180	0.30
PZ131473	6	56.90	5 L	350	0.00 B	9	0.120	0.49
PZ131493	6	68.20	5 L	500	0.20 L	8	0.230	0.42
PZ131518	6	68.10	5 L	510	0.00 B	11	0.270	0.43
PZ140306	17	64.80	5 L	130	0.10 L	10	0.520	1.01
PZ140702	5	69.50	5 L	370	0.10	8	0.190	0.36
PZ150302	19	61.50	5 L	120	2.10	10	0.430	0.83
PZ150696	18	60.50	5 L	100	0.55	11	0.380	0.79
PZ160300	18	65.80	5 L	170	1.90	8	0.410	0.96
PZ160702	19	61.80	5 L	130	0.10	10	0.460	0.99
PZ170300	4	68.90	5 L	180	0.45	6	0.070	0.31
PZ170702	18	62.00	5 L	140	0.15	10	0.390	0.83
PZ180302	16	62.70	5 L	150	0.25	13	0.310	0.70
PZ180702	18	60.70	5 L	110	0.10	9	0.430	0.81
PZ190302	22	60.20	5 L	140	0.15	10	0.470	1.00
PZ190698	5	70.60	5 L	260	0.10	7	0.100	0.34
PZ200302	4	67.30	5 L	160	0.35	9	0.060	0.35
PZ200702	4	76.00	5 L	310	0.05	7	0.120	0.29
PZ210182	17	63.60	5 L	120	0.50	11	0.420	0.86
PZ210212	18	62.90	5 L	110	0.10 L	12	0.450	0.90
PZ210242	16	64.80	5 L	140	0.20	11	0.410	0.85
PZ210278	6	67.60	5 L	250	0.80	9	0.180	0.40
PZ210284	16	61.10	5 L	130	0.15	11	0.280	0.77
PZ210302	12	67.10	5 L	140	2.00	9	0.270	0.69

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ130523	0.80	31	15	12	1	71	85
PZ130553	0.90	29	56	12	1	100	130
PZ130583	0.85	34	46	11	2	130	170
PZ130613	1.00	32	20	12	2	240	310
PZ130643	1.10	32	64	11	1 L	94	30
PZ130673	0.85	35	13	11	1	43	46
PZ130703	0.75	33	21	13	1	45	51
PZ130768	0.80	34	12	11	1 L	42	41
PZ130793	1.00	33	59	10	1	51	59
PZ130813	0.70	33	9	11	1 L	28	26
PZ130838	1.90	32	16	9	1 L	300	360
PZ130873	1.90	31	11	10	1	93	110
PZ130903	1.00	32	220	8	1 L	32	1 N
PZ130928	0.65	32	29	11	1	48	61
PZ130953	0.80	34	170	8	1 L	83	36
PZ130983	0.85	45	29	11	1 L	53	53
PZ131013	0.90	100	19	18	2	130	180
PZ131043	0.95	100	20	17	1	180	220
PZ131065	1.00	56	24	10	1 L	91	110
PZ131098	0.90	130	29	14	2	91	110
PZ131138	0.85	40	8	11	1 L	67	80
PZ131163	1.00	110	22	17	1	130	170
PZ131193	0.75	120	19	12	2	150	180
PZ131213	0.90	110	35	14	2	94	120
PZ131243	0.80	120	14	11	1	100	130
PZ131272	1.00	32	18	12	1	120	140
PZ131303	0.75	130	82	14	2	66	85
PZ131333	0.65	39	31	10	1	70	81
PZ131368	0.65	49	0 B	11	2	46	51
PZ131393	0.90	46	7	11	1 L	150	190
PZ131415	0.45	29	16	8	1 L	27	23
PZ131435	0.60	46	15	10	1 L	46	45
PZ131473	0.00 B	45	6	12	2	42	39
PZ131493	0.70	46	0 B	11	2	32	35
PZ131518	0.00 B	50	0 B	11	1 L	36	37
PZ140306	2.00	120	11	17	2	81	85
PZ140702	0.55	32	10	11	1	42	46
PZ150302	1.00	110	7	14	2	50	45
PZ150696	1.00	100	6	12	1	82	80
PZ160300	1.00	120	24	11	1	56	47
PZ160702	1.30	120	2	11	1	230	210
PZ170300	1.80	30	22	8	1 L	850	750
PZ170702	1.10	100	330	17	2	180	190
PZ180302	1.20	83	16	30	4	67	64
PZ180702	0.80	110	8	13	2	180	160
PZ190302	1.40	130	32	20	3	48	54
PZ190698	0.95	38	100	10	1 L	34	36
PZ200302	1.70	35	7	8	1 L	560	510
PZ200702	0.50	31	100	11	1 L	370	320
PZ210182	1.50	110	61	19	2	72	81
PZ210212	1.00	110	22	19	2	61	64
PZ210242	1.00	110	280	18	2	29	31
PZ210278	1.00	48	410	11	1 L	1100	1000
PZ210284	1.50	85	10	21	3	100	100
PZ210302	2.00	88	38	14	1	190	180

Table 9.--continued

SAM_ID	ROCK NAME
PZ130523	Granite, somewhat porphyritic
PZ130553	Granite, somewhat porphyritic
PZ130583	Granite, somewhat porphyritic
PZ130613	Granite, somewhat porphyritic
PZ130643	Granite, somewhat porphyritic
PZ130673	Granite, somewhat porphyritic
PZ130703	Granite, somewhat porphyritic
PZ130768	Granite, somewhat porphyritic
PZ130793	Granite, somewhat porphyritic
PZ130813	Granite, somewhat porphyritic
PZ130838	Granite, somewhat porphyritic
PZ130873	Granite, somewhat porphyritic
PZ130903	Granite, somewhat porphyritic
PZ130928	Granite, somewhat porphyritic
PZ130953	Granite, somewhat porphyritic
PZ130983	Granite, somewhat porphyritic
PZ131013	Hornfels
PZ131043	Hornfels
PZ131065	Granite, somewhat porphyritic
PZ131098	Hornfels
PZ131138	Granite, somewhat porphyritic
PZ131163	Hornfels
PZ131193	Hornfels
PZ131213	Hornfels
PZ131243	Granite, somewhat porphyritic
PZ131272	Granite, somewhat porphyritic
PZ131303	Hornfels
PZ131333	Granite, somewhat porphyritic
PZ131368	Granite, somewhat porphyritic
PZ131393	Granite, somewhat porphyritic
PZ131415	Granite, somewhat porphyritic
PZ131435	Granite, somewhat porphyritic
PZ131473	Granite, somewhat porphyritic
PZ131493	Granite, somewhat porphyritic
PZ131518	Granite, somewhat porphyritic
PZ140306	Metagraywacke
PZ140702	Granite, somewhat porphyritic
PZ150302	Hornfels
PZ150696	Hornfels
PZ160300	Hornfels
PZ160702	Hornfels
PZ170300	Granite, somewhat porphyritic
PZ170702	Hornfels
PZ180302	Hornfels
PZ180702	Hornfels
PZ190302	Hornfels
PZ190698	Granite, somewhat porphyritic
PZ200302	Granite, somewhat porphyritic
PZ200702	Granite, somewhat porphyritic
PZ210182	Hornfels
PZ210212	Hornfels
PZ210242	Hornfels
PZ210278	Granite, somewhat porphyritic
PZ210284	Hornfels
PZ210302	Hornfels

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)		AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ210332	D556399	50	35	0	19	19 40	1.700	7.70	14.60	10 L 10.0 N
PZ210358	D556407	50	35	0	19	19 40	0.490	8.10	15.20	10 L 1.0 N
PZ210392	D556419	50	35	0	19	19 40	0.750	7.70	14.90	10 L 1.0 N
PZ210422	D556403	50	35	0	19	19 40	1.700	8.50	15.80	10 L 10.0 N
PZ210450	D556440	50	35	0	19	19 40	1.200	7.20	13.60	10 L 1.0 N
PZ210482	D556429	50	35	0	19	19 40	0.150	8.20	15.80	10 L 1.0 N
PZ210512	D556436	50	35	0	19	19 40	0.240	8.10	15.60	10 L 1.5
PZ210542	D556428	50	35	0	19	19 40	1.600	6.50	12.30	10 L 1.7
PZ210572	D556412	50	35	0	19	19 40	0.310	8.90	17.20	10 L 1.0 N
PZ210602	D556432	50	35	0	19	19 40	0.220	8.80	16.70	10 L 1.0 N
PZ210632	D556418	50	35	0	19	19 40	0.140	8.70	16.90	10 L 1.4
PZ210662	D556433	50	35	0	19	19 40	0.170	8.30	15.70	10 L 2.3
PZ210692	D556415	50	35	0	19	19 40	0.097	8.50	16.40	10 L 1.0 N
PZ210702	D525768	50	35	0	19	19 40	0.067 N	8.90	17.00	10 L 0.7 N
PZ210722	D556414	50	35	0	19	19 40	0.390	8.10	15.90	10 L 1.0 N
PZ210752	D556435	50	35	0	19	19 40	0.450	8.00	15.20	10 L 2.0
PZ210782	D556439	50	35	0	19	19 40	0.260	7.40	13.80	10 L 1.4
PZ210812	D556434	50	35	0	19	19 40	0.099	6.90	12.70	10 L 1.0 N
PZ210842	D556423	50	35	0	19	19 40	0.130	7.10	13.10	10 L 1.4
PZ210868	D556424	50	35	0	19	19 40	0.120	8.60	16.30	10 L 1.0 N
PZ210892	D556426	50	35	0	19	19 40	0.240	6.90	12.90	10 L 1.3
PZ210918	D556410	50	35	0	19	19 40	0.079	7.70	14.20	10 L 1.1
PZ210938	D556437	50	35	0	19	19 40	0.099	6.70	12.00	10 L 1.0 N
PZ210958	D556416	50	35	0	19	19 40	0.190	6.90	12.80	10 L 1.0 N
PZ210982	D556413	50	35	0	19	19 40	0.400	6.80	12.70	10 L 1.6
PZ211012	D556431	50	35	0	19	19 40	0.240	6.30	11.30	10 L 1.0 N
PZ211042	D556417	50	35	0	19	19 40	0.240	6.60	12.20	10 L 1.8
PZ211072	D556422	50	35	0	19	19 40	0.790	5.80	11.20	13 6.2
PZ211102	D556405	50	35	0	19	19 40	0.190	6.20	11.50	10 L 1.9
PZ211132	D556427	50	35	0	19	19 40	0.370	5.50	9.91	10 L 1.0 N
PZ211162	D556406	50	35	0	19	19 40	0.130	6.30	11.60	10 L 1.0 N
PZ211192	D556401	50	35	0	19	19 40	3.000	6.60	12.40	10 2.7
PZ211222	D556421	50	35	0	19	19 40	0.350	6.70	12.60	10 L 2.3
PZ211252	D556430	50	35	0	19	19 40	0.220	6.40	12.30	10 L 1.0 N
PZ211282	D556408	50	35	0	19	19 40	1.400	6.70	12.50	10 L 1.5
PZ211312	D556425	50	35	0	19	19 40	0.270	6.60	11.90	10 L 1.0 N
PZ220302	D525759	50	35	0	19	19 40	0.280	7.80	14.70	10 L 0.7 N
PZ220702	D525773	50	35	0	19	19 40	0.067 N	6.60	12.10	10 L 0.7 N
PZ230302	D525769	50	35	0	19	19 40	0.740	8.80	16.60	10 L 0.7 N
PZ230702	D525758	50	35	0	19	19 40	0.130	7.90	15.00	10 L 0.7 N
PZ240038	D525627	50	35	0	19	19 40	0.067 N	0.28	0.51	10 L 1.4
PZ240062	D525640	50	35	0	19	19 40	0.110	0.11	0.18	10 L 2.4
PZ240092	D525613	50	35	0	19	19 40	0.230	0.34	0.57	10 7.2
PZ240122	D525610	50	35	0	19	19 40	0.067 N	0.70	1.16	10 L 5.4
PZ240148	D525615	50	35	0	19	19 40	0.150	0.56	0.92	10 L 5.1
PZ240164	D525607	50	35	0	19	19 40	1.200	2.70	4.74	14 12.0
PZ240178	D525637	50	35	0	19	19 40	1.800	7.10	13.10	10 L 1.1
PZ240212	D525608	50	35	0	19	19 40	0.570	9.00	17.00	10 L 0.7
PZ240242	D525621	50	35	0	19	19 40	1.200	7.40	14.10	10 L 0.7 N
PZ240274	D525641	50	35	0	19	19 40	2.400	7.10	13.60	10 L 0.7 N
PZ240302	D525609	50	35	0	19	19 40	2.600	8.60	16.40	10 L 1.1
PZ240332	D525618	50	35	0	19	19 40	2.500	7.40	14.00	18 2.8
PZ240362	D525634	50	35	0	19	19 40	2.600	8.00	15.10	10 L 2.5
PZ240400	D525625	50	35	0	19	19 40	2.200	7.50	14.30	10 L 0.7 N
PZ240422	D525628	50	35	0	19	19 40	0.630	7.90	14.50	10 L 0.7 N

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CD_PPM_T
PZ210332	0.004 L	540	3	12	15.00	0.84	1.15	2 L
PZ210358	0.004 L	740	2	10 L	4.60	1.30	1.87	2 L
PZ210392	0.004	710	2	14	15.00	1.10	1.58	2 L
PZ210422	0.01	650	3	10 L	10.00 N	0.58	0.84	2 L
PZ210450	0.004 L	730	2	10 L	1.00 N	0.89	1.18	2
PZ210482	0.004 L	630	3	10 L	1.00 N	0.67	0.91	2 L
PZ210512	0.004 L	580	3	10 L	1.00 N	0.94	1.29	2 L
PZ210542	0.004 L	350	3	10 L	1.00 N	0.96	1.28	2 L
PZ210572	0.004 L	440	4	10 L	1.10	1.00	1.52	2 L
PZ210602	0.004 L	580	4	10 L	1.00 N	1.10	1.45	2 L
PZ210632	0.004 L	470	3	10 L	1.00 N	1.20	1.68	2 L
PZ210662	0.004 L	470	3	10 L	1.00 N	0.88	1.19	2 L
PZ210692	0.004 L	460	3	10 L	1.00 N	0.99	1.42	2 L
PZ210702	0.002 N	570	7	10 L	0.67 N	0.62	0.82	2 L
PZ210722	0.004 L	490	3	10 L	1.00 N	0.63	0.91	2 L
PZ210752	0.004 L	490	3	10 L	1.00 N	0.90	1.21	2 L
PZ210782	0.004 L	430	3	10 L	1.00 N	0.73	0.98	2 L
PZ210812	0.004 L	470	4	10 L	1.00 N	0.80	1.05	2 L
PZ210842	0.004 L	290	4	10 L	1.00 N	1.10	1.55	2 L
PZ210868	0.004 L	540	3	10 L	1.00 N	0.71	0.95	2 L
PZ210892	0.004 L	470	3	10 L	1.00 N	0.80	1.07	4
PZ210918	0.004 L	500	3	10 L	1.00 N	0.66	0.93	2 L
PZ210938	0.004 L	270	4	10 L	1.00 N	1.30	1.64	2 L
PZ210958	0.004 L	360	3	10 L	1.40	0.90	1.28	2 L
PZ210982	0.004 L	620	3	10 L	7.60	1.10	1.57	2 L
PZ211012	0.004 L	620	3	10 L	1.00 N	1.10	1.38	2 L
PZ211042	0.004 L	600	3	10 L	1.00 N	1.10	1.53	2 L
PZ211072	0.02	530	6	10 L	1.50	1.70	2.32	7
PZ211102	0.008	590	3	10 L	1.00 N	0.95	1.33	2 L
PZ211132	0.036	560	2	10 L	1.00 N	0.81	1.03	2 L
PZ211162	0.004 L	600	3	10 L	1.00 N	0.94	1.30	2 L
PZ211192	0.008	770	2	10 L	1.70	0.89	1.25	2 L
PZ211222	0.04	620	2	10 L	1.00 N	1.20	1.63	2 L
PZ211252	0.02	620	3	10 L	1.00 N	1.10	1.40	2 L
PZ211282	0.01	810	3	10 L	4.60	1.10	1.60	3
PZ211312	0.004 L	650	4	10 L	1.00 N	1.20	1.51	2 L
PZ220302	0.002 N	480	3	10 L	0.67 N	1.10	1.55	2 L
PZ220702	0.002 N	300	3	10 L	0.67 N	1.30	1.71	2 L
PZ230302	0.002 N	690	3	10 L	7.20	0.72	0.95	2 L
PZ230702	0.002 N	550	4	10 L	0.67 N	1.10	1.51	2 L
PZ240038	0.002 N	18	1 L	10 L	0.67 N	22.00	30.10	2 L
PZ240062	0.002 N	9	1 L	10 L	0.67 N	22.00	30.20	2 L
PZ240092	0.002 N	38	1 L	10 L	0.67 N	24.00	34.80	2
PZ240122	0.002 N	520	1 L	10 L	0.67 N	31.00	44.20	2 L
PZ240148	0.002 N	740	1 L	10 L	0.67 N	21.00	29.20	2 L
PZ240164	0.002 N	670	2	10 L	0.67 N	16.00	22.40	2 L
PZ240178	0.002 N	1200	3	13	12.00	2.30	3.11	2 L
PZ240212	0.002 N	650	3	10 L	1.90	0.67	0.85	2 L
PZ240242	0.002 N	490	3	10 L	1.40	0.86	1.16	2 L
PZ240274	0.002 L	470	4	10 L	3.70	0.69	0.85	3
PZ240302	0.002 N	390	3	10 L	1.80	0.67	0.90	2 L
PZ240332	0.002	110	2	10 L	1.30	0.49	0.66	2 L
PZ240362	0.002 N	330	7	10 L	0.89	0.46	0.59	2 L
PZ240400	0.002 N	460	2	10 L	2.70	1.10	1.52	2 L
PZ240422	0.002 L	670	3	10 L	2.00	1.70	2.27	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FE:TO3_PCT_X
PZ210332	0.830	55	14	46	1400	1500	3.00	4.36
PZ210358	0.310	56	6	21	330	320	1.80	2.64
PZ210392	0.280	46	7	28	490	500	2.00	2.88
PZ210422	1.400	68	10	40	900	930	3.00	4.25
PZ210450	1.800	39	6	23	710	650	1.60	2.15
PZ210482	0.087	64	11	42	210	190	3.30	4.71
PZ210512	0.150	62	15	61	230	210	3.60	5.16
PZ210542	0.780	29	6	31	800	700	1.50	2.08
PZ210572	0.290	68	12	52	410	400	3.40	5.11
PZ210602	0.088	69	12	49	380	330	3.20	4.53
PZ210632	0.170	69	14	51	170	170	3.50	5.06
PZ210662	0.750	69	12	55	170	140	3.40	4.88
PZ210692	0.200	70	15	61	77	76	3.80	5.73
PZ210702	0.066	62	17	53	100	77	4.40	6.20
PZ210722	0.380	66	17	74	160	170	4.10	6.25
PZ210752	0.720	58	17	79	190	180	4.00	5.74
PZ210782	0.320	56	17	83	140	130	4.00	5.59
PZ210812	0.100	69	12	75	89	77	3.20	4.31
PZ210842	0.120	53	16	111	130	130	3.70	5.21
PZ210868	0.050 N	65	16	62	91	77	4.30	6.06
PZ210892	2.800	46	15	91	160	140	4.00	5.54
PZ210918	0.076	60	16	76	85	81	3.70	5.36
PZ210938	0.079	40	17	121	120	100	4.20	5.58
PZ210958	0.170	55	16	93	180	180	4.00	5.64
PZ210982	0.280	38	5	36	300	300	1.60	2.40
PZ211012	0.110	27	5	37	360	300	1.70	2.30
PZ211042	0.420	41	5	26	73	76	1.70	2.36
PZ211072	7.500	32	2	14	150	140	1.50	2.25
PZ211102	0.790	39	1	7	120	100	1.40	2.03
PZ211132	0.110	28	1 L	7	150	120	1.30	1.75
PZ211162	0.340	38	5	30	100	100	1.70	2.44
PZ211192	0.510	32	6	35	270	260	1.90	2.76
PZ211222	1.900	34	3	8	520	510	1.70	2.48
PZ211252	0.180	32	3	8	170	150	1.40	1.94
PZ211282	2.600	33	2	7	750	730	1.40	2.05
PZ211312	0.310	35	6	26	170	150	2.50	3.36
PZ220302	0.077	61	11	21	480	370	3.30	4.74
PZ220702	0.050 N	54	14	90	220	150	3.10	4.43
PZ230302	0.110	57	18	42	390	310	4.10	5.77
PZ230702	0.050 N	66	18	110	300	260	4.50	6.43
PZ240038	0.140	4 L	2	6	12	7	0.42	0.66
PZ240062	0.850	4 L	2	1	10	6	0.57	0.89
PZ240092	1.800	4 L	3	4	5	3	1.20	1.70
PZ240122	0.510	6	3	8	12	8	0.50	0.73
PZ240148	0.160	6	3	7	9	5	0.38	0.56
PZ240164	1.200	19	12	31	380	380	1.30	1.85
PZ240178	0.056	81	19	59	2000	1700	3.50	4.97
PZ240212	0.100	66	13	62	1200	950	3.80	5.42
PZ240242	0.150	68	13	54	1700	1100	3.40	4.91
PZ240274	3.000	44	10	49	1900	1600	3.00	4.26
PZ240302	0.250	70	16	57	1700	1400	4.10	5.89
PZ240332	0.690	64	15	44	870	660	4.40	6.24
PZ240362	0.130	56	14	46	1100	880	3.60	5.01
PZ240400	0.300	36	6	4	2200	1300	1.50	2.27
PZ240422	0.200	65	4	5	1800	1300	1.50	2.43

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ210332	18	0.02 L	4.20	5.36	31	47	1.88	1.30
PZ210358	18	0.02 L	3.20	4.00	34	26	1.24	0.57
PZ210392	18	0.02 L	3.10	4.05	29	18	1.59	0.54
PZ210422	21	0.02 L	5.10	6.18	37	54	1.51	1.20
PZ210450	16	0.1	3.80	4.89	24	18	1.59	0.66
PZ210482	19	0.06	3.90	4.99	36	35	1.02	1.20
PZ210512	18	0.08	3.60	4.65	35	39	0.86	1.40
PZ210542	13	0.09	2.10	2.71	18	18	1.11	0.57
PZ210572	20	0.06	3.40	4.33	38	42	0.77	1.30
PZ210602	20	0.09	3.50	4.38	39	51	1.03	1.50
PZ210632	20	0.06	3.60	4.63	38	40	0.88	1.30
PZ210662	19	0.11	3.30	4.22	37	42	1.16	1.30
PZ210692	18	0.07	3.80	5.05	40	47	1.06	1.50
PZ210702	19	0.03	4.20	5.20	34	51	1.29	1.50
PZ210722	19	0.11	3.80	5.08	37	78	1.30	1.70
PZ210752	20	0.11	4.00	5.19	34	58	1.87	1.70
PZ210782	17	0.11	3.50	4.50	33	65	1.02	2.00
PZ210812	18	0.14	3.40	4.14	37	44	0.71	1.70
PZ210842	16	0.13	3.00	3.82	30	47	0.71	1.90
PZ210868	20	0.18	4.40	5.62	37	53	1.04	1.50
PZ210892	17	0.17	3.60	4.45	27	62	0.87	1.60
PZ210918	19	0.11	4.20	5.13	33	47	0.60	1.40
PZ210938	17	0.15	2.80	3.36	24	38	0.39	2.00
PZ210958	17	0.19	3.10	3.98	31	50	0.76	1.60
PZ210982	16	0.18	3.90	4.87	23	23	0.71	0.43
PZ211012	15	0.24	3.60	4.42	18	16	0.50	0.43
PZ211042	17	0.26	3.80	4.76	26	17	0.78	0.44
PZ211072	14	0.02 L	3.50	4.56	20	19	1.56	0.41
PZ211102	14	0.02 L	4.00	4.92	24	21	1.05	0.42
PZ211132	11	0.02 L	3.70	4.49	18	16	1.05	0.34
PZ211162	17	0.21	3.70	4.60	22	18	0.45	0.38
PZ211192	16	0.32	4.60	5.76	19	19	0.76	0.36
PZ211222	15	0.02 L	3.60	4.71	21	24	1.83	0.39
PZ211252	15	0.02 L	3.60	4.56	21	17	0.83	0.41
PZ211282	15	0.02 L	4.20	5.21	22	18	1.54	0.33
PZ211312	17	0.27	3.70	4.45	22	17	0.49	0.45
PZ220302	18	0.02 N	3.20	3.89	32	52	1.40	1.60
PZ220702	15	0.02	2.30	2.71	29	37	0.55	1.80
PZ230302	20	0.02 N	4.30	5.26	29	70	2.19	1.50
PZ230702	19	0.02	3.70	4.43	36	37	0.87	2.00
PZ240038	4 L	0.02 N	0.10	0.10	2 L	6	45.80	5.00 G
PZ240062	4	0.02	0.05	0.04	2 L	3	46.60	9.20
PZ240092	5	0.02 N	0.11	0.10	2 L	4	44.10	7.80
PZ240122	5	0.02	0.42	0.41	3	11	41.50	3.90
PZ240148	4 L	0.02 N	0.27	0.27	3	10	44.70	9.30
PZ240164	10	0.02 N	1.60	1.65	12	38	35.00	7.80
PZ240178	19	0.02 N	4.40	5.30	41	67	6.69	2.00
PZ240212	21	0.02 N	4.60	5.63	35	68	2.13	1.60
PZ240242	18	0.02 N	3.90	4.87	36	56	1.89	1.50
PZ240274	17	0.02 N	3.50	4.41	24	51	1.48	1.30
PZ240302	22	0.02	4.10	5.04	38	68	2.71	1.70
PZ240332	21	0.02 N	3.70	4.65	34	47	3.13	1.70
PZ240362	20	0.02 N	4.40	5.57	31	57	2.29	1.40
PZ240400	17	0.02	4.30	5.41	22	39	2.35	0.52
PZ240422	16	0.02 N	2.40	3.18	42	28	1.62	0.60

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ210332	2.16	590	0.08	170	18.00	2.20	3.02	16
PZ210358	0.95	230	0.03	16	1.80	2.90	4.10	15
PZ210392	0.91	250	0.04	6	1.70	2.80	4.10	15
PZ210422	2.07	700	0.09	320	20.00	2.10	2.88	13
PZ210450	1.04	920	0.12	130	8.30	2.10	2.83	6
PZ210482	2.08	650	0.08	220	6.00	2.40	3.32	16
PZ210512	2.31	850	0.12	100	9.50	2.50	3.44	15
PZ210542	0.90	990	0.13	95	12.00	2.90	3.97	8
PZ210572	2.28	750	0.11	82	3.00	3.00	4.40	20
PZ210602	2.45	720	0.09	180	5.00	2.90	3.97	17
PZ210632	2.37	820	0.11	100	3.30	2.40	3.54	19
PZ210662	2.16	940	0.12	130	9.10	2.30	3.07	15
PZ210692	2.60	790	0.11	200	6.20	2.30	3.23	20
PZ210702	2.52	580	0.08	170	7.10	2.60	3.41	11
PZ210722	3.01	900	0.12	310	11.00	2.10	2.97	19
PZ210752	2.81	1000	0.13	750	32.00	1.80	2.38	17
PZ210782	3.29	980	0.12	470	20.00	2.00	2.67	16
PZ210812	2.81	860	0.11	420	14.00	1.90	2.49	18
PZ210842	3.25	950	0.12	760	23.00	2.10	2.86	18
PZ210868	2.50	990	0.13	510	14.00	2.40	3.22	16
PZ210892	2.60	1500	0.19	870	17.00	2.00	2.63	15
PZ210918	2.34	1100	0.15	660	23.00	2.40	3.25	16
PZ210938	3.15	1300	0.16	820	22.00	2.20	2.75	21
PZ210958	2.72	1200	0.16	1000	22.00	2.20	3.00	20
PZ210982	0.74	880	0.12	880	59.00	1.90	2.52	8
PZ211012	0.66	930	0.11	1300	58.00	1.80	2.27	4
PZ211042	0.72	740	0.10	1100	48.00	1.80	2.49	10
PZ211072	0.71	640	0.08	1600	180.00	1.50	2.07	7
PZ211102	0.71	250	0.04	1900	350.00	1.50	2.00	6
PZ211132	0.54	270	0.04	2900	530.00	1.50	1.80	4
PZ211162	0.62	900	0.12	460	25.00	1.80	2.33	7
PZ211192	0.63	1100	0.15	790	46.00	1.80	2.36	11
PZ211222	0.66	520	0.07	940	80.00	1.90	2.57	13
PZ211252	0.65	260	0.04	730	110.00	1.90	2.57	14
PZ211282	0.55	480	0.06	1700	100.00	1.70	2.21	11
PZ211312	0.67	970	0.12	490	14.00	1.90	2.44	12
PZ220302	2.67	610	0.08	44	4.80	2.10	2.76	8
PZ220702	2.93	470	0.06	110	7.50	2.40	3.03	9
PZ230302	2.39	640	0.09	22	2.80	1.70	2.18	9
PZ230702	3.30	630	0.09	170	12.00	2.00	2.57	12
PZ240038	20.60	1100	0.14	2 L	0.14	0.04	0.15 L	4 L
PZ240062	20.60	2100	0.26	3	0.87	0.06	0.15 L	4 L
PZ240092	15.40	2300	0.29	3	0.73	0.04	0.15 L	4 L
PZ240122	6.25	940	0.12	2	2.00	0.03	0.15 L	4 L
PZ240148	20.20	500	0.06	8	5.30	0.05	0.40	4 L
PZ240164	15.20	1800	0.22	11	13.00	0.06	0.15 L	4 L
PZ240178	3.29	820	0.11	2 L	1.20	0.12	0.15 L	4 L
PZ240212	2.64	200	0.03	3	0.85	1.70	2.29	4
PZ240242	2.57	420	0.06	46	5.50	1.60	2.11	4 L
PZ240274	2.08	400	0.06	23	1.20	1.90	2.51	4 L
PZ240302	2.85	1100	0.14	40	1.60	1.70	2.22	6
PZ240332	2.85	2100	0.27	19	3.50	1.30	1.70	4 L
PZ240362	2.25	940	0.12	69	3.10	1.50	1.94	5
PZ240400	0.85	370	0.06	52	1.90	1.80	2.49	4
PZ240422	1.00	220	0.04	13	1.40	2.70	4.11	4 L

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ210332	27	26	0.070	0.18	36	29.0	0.34	10.0 N
PZ210358	22	7	0.060	0.15	27	17.0	0.09	1.0 N
PZ210392	20	7	0.060	0.15	38	18.0	0.35	1.0 N
PZ210422	34	19	0.070	0.19	78	72.0	0.31	10.0 N
PZ210450	17	20	0.050	0.12	110	110.0	0.29	1.1
PZ210482	32	28	0.050	0.14	63	72.0	0.09	1.2
PZ210512	31	37	0.110	0.28	150	180.0	0.11	7.3
PZ210542	14	35	0.050	0.12	110	98.0	0.29	1.0 N
PZ210572	36	32	0.080	0.20	56	46.0	0.18	1.0 N
PZ210602	35	32	0.070	0.18	25	18.0	0.17	1.0 N
PZ210632	36	35	0.070	0.19	210	180.0	0.09	8.9
PZ210662	35	38	0.070	0.18	120	160.0	0.10	12.0
PZ210692	38	35	0.090	0.22	40	28.0	0.09	1.0 N
PZ210702	31	28	0.070	0.18	14	5.0	0.11	0.7 N
PZ210722	32	41	0.090	0.22	45	38.0	0.16	1.0 N
PZ210752	30	43	0.060	0.17	57	56.0	0.37	1.0 N
PZ210782	28	46	0.050	0.13	150	35.0	0.21	1.1
PZ210812	33	44	0.040	0.11	68	70.0	0.09	1.4
PZ210842	24	51	0.050	0.14	81	35.0	0.14	1.5
PZ210868	35	36	0.090	0.22	37	27.0	0.15	1.0 N
PZ210892	23	62	0.060	0.16	760	760.0	0.30	5.2
PZ210918	29	54	0.090	0.22	170	170.0	0.12	1.0
PZ210938	20	61	0.050	0.14	46	37.0	0.09	1.0 N
PZ210958	25	57	0.050	0.14	100	70.0	0.18	1.0
PZ210982	14	34	0.050	0.13	58	51.0	0.20	3.2
PZ211012	14	38	0.040	0.12	79	100.0	0.20	4.9
PZ211042	19	30	0.050	0.13	350	300.0	0.20	4.7
PZ211072	12	4	0.040	0.12	1200	1200.0	0.33	20.0
PZ211102	14	4	0.040	0.12	73	58.0	0.24	3.1
PZ211132	11	3	0.040	0.11	48	28.0	0.42	1.0 N
PZ211162	18	34	0.040	0.12	65	45.0	0.12	1.0
PZ211192	15	37	0.040	0.12	200	160.0	0.65	1.3
PZ211222	15	4	0.040	0.12	96	86.0	0.37	1.1
PZ211252	16	4	0.040	0.11	81	62.0	0.21	1.7
PZ211282	15	4	0.040	0.12	270	240.0	0.56	2.2
PZ211312	15	40	0.050	0.13	56	41.0	0.25	1.0 N
PZ220302	33	12	0.100	0.23	13	8.9	0.13	0.7 N
PZ220702	26	36	0.040	0.12	6	1.3	0.11	0.7 N
PZ230302	26	26	0.050	0.13	10	5.6	0.60	0.7 N
PZ230702	30	39	0.050	0.14	7	1.9	0.19	0.7 N
PZ240038	10	2 L	0.005 L	0.05 L	6	6.6	0.05 L	0.7 N
PZ240062	8	2 L	0.005 L	0.05 L	47	61.0	0.08	0.8
PZ240092	11	4	0.008	0.05 L	24	23.0	0.30	0.7 N
PZ240122	17	6	0.020	0.05	14	14.0	0.19	0.7 N
PZ240148	9	4	0.010	0.05 L	16	13.0	0.11	0.7 N
PZ240164	15	13	0.030	0.07	120	110.0	0.41	1.0
PZ240178	37	54	0.080	0.18	17	17.0	0.11	1.4
PZ240212	32	26	0.080	0.20	11	7.0	0.57	0.7 N
PZ240242	33	25	0.130	0.32	11	4.4	0.46	0.9
PZ240274	20	19	0.070	0.15	170	160.0	0.54	0.7
PZ240302	33	29	0.090	0.21	14	12.0	0.82	0.7 N
PZ240332	30	22	0.050	0.13	48	43.0	1.64	0.7 N
PZ240362	29	24	0.060	0.15	14	8.2	0.73	0.7 N
PZ240400	18	3	0.060	0.14	28	18.0	0.53	0.7 N
PZ240422	27	5	0.060	0.15	20	11.0	0.42	0.7

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ210332	15	64.90	5 L	150	1.00	9	0.350	0.79
PZ210358	5	68.80	5 L	370	0.10 L	8	0.190	0.37
PZ210392	5	68.20	5 L	280	0.20	10	0.190	0.35
PZ210422	15	64.40	5 L	120	0.10 L	12	0.310	0.71
PZ210450	5	70.50	5 L	190	0.10 L	8	0.110	0.34
PZ210482	15	64.90	5 L	150	0.10 L	11	0.340	0.69
PZ210512	16	64.90	5 L	130	0.10	10	0.380	0.76
PZ210542	5	74.20	5 L	190	0.10	8	0.110	0.32
PZ210572	18	62.50	5 L	200	0.10 L	10	0.420	0.78
PZ210602	18	63.80	5 L	200	0.10 L	11	0.370	0.74
PZ210632	17	63.30	5 L	140	0.10 L	12	0.390	0.75
PZ210662	15	65.50	5 L	130	0.10 L	10	0.380	0.75
PZ210692	18	61.90	5 L	120	0.10 L	12	0.430	0.83
PZ210702	19	61.10	5 L	110	0.05 N	10	0.420	0.84
PZ210722	18	62.20	5 L	130	0.10	9	0.430	0.85
PZ210752	17	62.90	5 L	160	0.10 L	10	0.330	0.80
PZ210782	18	66.10	5 L	120	0.10 L	8	0.470	0.92
PZ210812	13	69.90	5 L	110	0.10 L	17	0.390	0.76
PZ210842	16	67.20	5 L	140	0.10 L	9	0.490	0.97
PZ210868	18	62.00	5 L	110	0.10 L	12	0.420	0.79
PZ210892	15	67.00	10	720	0.10 L	9	0.390	0.82
PZ210918	15	65.80	5 L	130	0.10 L	10	0.370	0.71
PZ210938	16	68.80	5 L	150	0.10 L	8	0.560	0.98
PZ210958	16	67.90	5 L	170	0.10 L	10	0.490	0.87
PZ210982	4	72.30	5 L	280	0.10 L	6	0.140	0.32
PZ211012	4	75.10	5 L	290	0.10 L	8	0.150	0.29
PZ211042	4	72.90	5 L	300	0.10 L	9	0.150	0.32
PZ211072	4	72.90	24	220	0.10	6	0.130	0.29
PZ211102	4	74.90	5 L	240	0.10 L	7	0.130	0.29
PZ211132	3	77.70	5 L	200	0.10 L	7	0.100	0.23
PZ211162	4	74.70	5 L	270	0.10 L	9	0.130	0.27
PZ211192	4	72.00	5 L	210	0.90	10	0.100	0.30
PZ211222	4	71.10	5 L	240	0.10 L	8	0.130	0.28
PZ211252	4	74.40	5 L	280	0.10 L	9	0.150	0.26
PZ211282	4	71.80	5 L	270	0.10	8	0.110	0.26
PZ211312	4	74.10	5 L	320	0.10 L	9	0.180	0.29
PZ220302	17	65.60	5 L	180	0.05	7	0.420	0.86
PZ220702	17	69.60	5 L	200	0.05 N	7	0.510	1.04
PZ230302	18	62.40	5 L	620	0.30	9	0.380	0.79
PZ230702	20	63.10	5 L	140	0.05	8	0.570	1.08
PZ240038	2 L	2.07	5 L	76	0.05 N	4 L	0.010	0.02
PZ240062	2 L	0.88	5 L	78	0.05 N	4 L	0.005 L	0.02 L
PZ240092	2 L	2.31	5 L	270	0.05 N	4 L	0.010	0.02
PZ240122	2 L	4.73	5 L	440	0.05 N	4 L	0.020	0.04
PZ240148	2 L	3.58	5 L	230	0.05 N	4 L	0.020	0.04
PZ240164	4	17.10	5 L	2700	0.05 N	4 L	0.100	0.19
PZ240178	16	60.30	5 L	2100	0.75	8	0.290	0.86
PZ240212	19	61.60	5 L	130	0.35	10	0.370	0.98
PZ240242	15	66.50	5 L	99	0.10	10	0.330	0.87
PZ240274	14	68.30	5 L	92	0.35	8	0.280	0.81
PZ240302	18	61.40	5 L	110	0.30	11	0.330	0.92
PZ240332	14	64.30	5 L	92	0.20	7	0.250	0.75
PZ240362	17	65.10	5 L	92	0.20	10	0.300	0.79
PZ240400	4	68.80	5 L	260	0.10	9	0.120	0.42
PZ240422	5	68.70	5 L	380	0.05	10	0.130	0.42

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ210332	1.50	99	35	19	2	100	100
PZ210358	0.75	36	14	11	1 L	32	32
PZ210392	0.90	35	54	11	1 L	37	35
PZ210422	1.50	90	28	17	2	190	200
PZ210450	1.20	43	73	9	1 L	190	180
PZ210482	1.00	81	20	16	2	50	48
PZ210512	1.00	97	43	16	1	76	82
PZ210542	0.70	39	250	10	1 L	130	120
PZ210572	1.00	93	170	16	2	110	110
PZ210602	0.95	89	69	17	2	64	61
PZ210632	0.95	91	45	15	1	64	65
PZ210662	0.90	81	63	18	2	170	170
PZ210692	1.00	100	16	14	1	80	80
PZ210702	0.75	110	2	14	2	62	58
PZ210722	1.00	110	130	12	1	110	120
PZ210752	1.00	110	38	16	2	220	210
PZ210782	0.55	130	41	11	1	110	110
PZ210812	0.80	94	38	16	2	59	57
PZ210842	1.00	120	460	12	1	83	79
PZ210868	0.95	110	30	13	1	91	90
PZ210892	1.10	100	120	10	1 L	340	330
PZ210918	0.95	91	75	12	1 L	70	71
PZ210938	0.60	130	210	12	1 L	70	62
PZ210958	0.90	110	180	12	1	88	88
PZ210982	0.75	30	570	10	1 L	66	66
PZ211012	0.45	28	660	10	1 L	29	30
PZ211042	0.70	32	430	9	1 L	93	95
PZ211072	0.95	33	430	9	1 L	790	760
PZ211102	0.65	31	510	10	1 L	110	110
PZ211132	0.60	26	570	9	1	52	48
PZ211162	0.60	31	570	10	1 L	85	90
PZ211192	1.00	32	96	9	1 L	110	110
PZ211222	0.75	33	240	10	1 L	270	260
PZ211252	0.50	30	450	12	2	65	69
PZ211282	0.95	31	370	10	1 L	310	300
PZ211312	0.60	43	170	10	1 L	55	60
PZ220302	1.10	79	20	18	2	84	80
PZ220702	0.75	120	15	10	1	32	29
PZ230302	1.10	96	2	13	2	43	43
PZ230702	1.10	130	15	11	1	46	40
PZ240038	0.15	19	1 N	2 L	1 L	82	84
PZ240062	0.30	3	2	2 L	1 L	180	190
PZ240092	0.40	8	1 N	2 L	1 L	340	340
PZ240122	0.25	24	1 N	2 L	1 L	140	160
PZ240148	0.25	32	1 N	2 L	1 L	12	14
PZ240164	0.85	49	2	6	1 L	240	230
PZ240178	1.40	110	44	20	2	150	140
PZ240212	1.40	120	13	21	3	37	34
PZ240242	1.20	110	110	22	2	51	41
PZ240274	1.00	98	36	15	2	240	220
PZ240302	1.30	120	24	20	3	84	86
PZ240332	1.20	89	19	17	2	150	130
PZ240362	1.30	95	77	17	2	75	70
PZ240400	1.40	36	85	9	1	67	42
PZ240422	0.60	35	98	12	1	45	42

Table 9.--continued

SAM_ID	ROCK NAME
PZ210332	Hornfels breccia
PZ210358	Granite, somewhat porphyritic
PZ210392	Granite, somewhat porphyritic
PZ210422	Hornfels
PZ210450	Hornfels
PZ210482	Hornfels
PZ210512	Hornfels
PZ210542	Granite, somewhat porphyritic
PZ210572	Hornfels
PZ210602	Hornfels
PZ210632	Hornfels
PZ210662	Hornfels
PZ210692	Hornfels
PZ210702	Hornfels
PZ210722	Hornfels
PZ210752	Hornfels
PZ210782	Hornfels
PZ210812	Hornfels
PZ210842	Hornfels
PZ210868	Hornfels
PZ210892	Hornfels
PZ210918	Hornfels
PZ210938	Hornfels
PZ210958	Hornfels
PZ210982	Granite
PZ211012	Granite
PZ211042	Granite
PZ211072	Granite
PZ211102	Granite
PZ211132	Granite
PZ211162	Granite
PZ211192	Granite
PZ211222	Granite
PZ211252	Granite
PZ211282	Granite
PZ211312	Granite
PZ220302	Hornfels
PZ220702	Hornfels
PZ230302	Hornfels
PZ230702	Hornfels
PZ240038	Argillaceous dolomite
PZ240062	Sandy dolomitic limestone
PZ240092	Sandy dolomitic limestone
PZ240122	Argillaceous limestone
PZ240148	Argillaceous limestone
PZ240164	Argillaceous dolomite
PZ240178	Hornfels
PZ240212	Hornfels
PZ240242	Hornfels
PZ240274	Hornfels
PZ240302	Hornfels
PZ240332	Hornfels
PZ240362	Hornfels
PZ240400	Granite, somewhat porphyritic
PZ240422	Granodiorite

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)		AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ240458	D525643	50	35	0	19 19	40	0.540	8.70	16.40	1C L 1.0
PZ240482	D525633	50	35	0	19 19	40	0.600	7.40	14.00	1C L 0.7 N
PZ240512	D525631	50	35	0	19 19	40	0.650	9.10	17.20	1C L 0.7 N
PZ240542	D525623	50	35	0	19 19	40	0.560	7.40	14.00	1C L 0.7 N
PZ240574	D525632	50	35	0	19 19	40	0.490	8.90	16.80	1C L 0.7 N
PZ240602	D525646	50	35	0	19 19	40	0.580	7.90	15.00	1C L 0.7 N
PZ240628	D525636	50	35	0	19 19	40	1.600	9.00	17.10	1C L 6.1
PZ240662	D525635	50	35	0	19 19	40	0.067 N	9.00	17.30	1C L 0.7 N
PZ240692	D525638	50	35	0	19 19	40	0.170	8.80	16.60	10 L 0.9
PZ240722	D525642	50	35	0	19 19	40	0.170	7.20	13.70	10 L 0.7 N
PZ240752	D525616	50	35	0	19 19	40	0.430	7.90	14.80	10 L 0.7 N
PZ240776	D525614	50	35	0	19 19	40	0.460	7.50	14.20	10 L 0.7 N
PZ240812	D525629	50	35	0	19 19	40	0.190	7.60	14.50	10 L 0.7 N
PZ240842	D525619	50	35	0	19 19	40	0.680	8.10	14.70	10 L 0.7 N
PZ240872	D525624	50	35	0	19 19	40	0.710	6.70	12.60	10 L 0.7 N
PZ240902	D525639	50	35	0	19 19	40	2.000	7.30	13.90	10 L 0.7 N
PZ240932	D525644	50	35	0	19 19	40	0.870	7.30	13.70	10 L 0.7 N
PZ240962	D525630	50	35	0	19 19	40	0.720	7.20	13.50	10 L 0.7 N
PZ240992	D525617	50	35	0	19 19	40	0.620	7.50	13.60	10 L 0.7 N
PZ241022	D525626	50	35	0	19 19	40	0.470	7.40	13.90	10 L 0.7 N
PZ241052	D525612	50	35	0	19 19	40	0.190	7.70	14.30	10 L 0.7 N
PZ241088	D525620	50	35	0	19 19	40	0.300	7.10	13.60	10 L 0.7 N
PZ250042	D525650	50	35	0	19 19	40	0.067 N	0.12	0.17	10 L 0.7 N
PZ250086	D525651	50	35	0	19 19	40	0.230	0.26	0.47	10 L 7.3
PZ250122	D525688	50	35	0	19 19	40	0.067 N	0.91	1.45	10 L 4.6
PZ250162	D525648	50	35	0	19 19	40	0.067 N	3.50	6.14	10 L 9.5
PZ250178	D525659	50	35	0	19 19	40	0.470	7.70	15.20	10 L 0.7 N
PZ250212	D525668	50	35	0	19 19	40	1.100	7.10	13.70	10 L 1.9
PZ250250	D525667	50	35	0	19 19	40	0.160	7.60	14.70	10 L 0.7 N
PZ250272	D525657	50	35	0	19 19	40	0.410	7.70	14.80	10 L 0.7 N
PZ250302	D525663	50	35	0	19 19	40	1.400	6.20	12.00	10 L 0.7 N
PZ250334	D525666	50	35	0	19 19	40	0.230	7.70	14.70	10 L 0.7 N
PZ250362	D525662	50	35	0	19 19	40	0.380	8.00	15.60	10 L 0.7 N
PZ250382	D525685	50	35	0	19 19	40	0.560	7.70	14.80	10 L 0.7 N
PZ250418	D525670	50	35	0	19 19	40	0.510	8.60	16.60	10 L 0.7 N
PZ250452	D525655	50	35	0	19 19	40	0.410	7.20	13.90	10 L 0.7 N
PZ250482	D525674	50	35	0	19 19	40	0.320	9.10	17.10	10 L 0.7 N
PZ250512	D525665	50	35	0	19 19	40	0.180	7.80	15.10	10 L 0.7 N
PZ250538	D525690	50	35	0	19 19	40	0.450	7.90	15.20	10 L 0.7 N
PZ250548	D525691	50	35	0	19 19	40	0.680	7.30	14.00	10 L 0.7 N
PZ250570	D525658	50	35	0	19 19	40	0.870	6.50	12.50	10 L 0.7 N
PZ250606	D525656	50	35	0	19 19	40	2.200	7.40	14.10	10 L 0.7 N
PZ250632	D525681	50	35	0	19 19	40	1.000	7.20	13.60	10 L 0.7 N
PZ250664	D525678	50	35	0	19 19	40	1.300	6.90	13.30	10 L 0.7 N
PZ250688	D525649	50	35	0	19 19	40	1.200	6.70	12.80	10 L 0.7 N
PZ250722	D525684	50	35	0	19 19	40	1.200	7.00	13.50	10 L 0.7 N
PZ250752	D525671	50	35	0	19 19	40	2.600	6.60	12.70	10 L 0.7 N
PZ250782	D525677	50	35	0	19 19	40	2.400	6.00	11.30	10 L 0.7 N
PZ250812	D525683	50	35	0	19 19	40	0.490	6.20	11.80	10 L 0.7 N
PZ250842	D525654	50	35	0	19 19	40	0.690	7.00	13.60	10 L 0.7 N
PZ250872	D525664	50	35	0	19 19	40	1.000	7.00	13.60	10 L 0.7 N
PZ250902	D525647	50	35	0	19 19	40	0.740	7.40	14.10	10 L 0.7 N
PZ250934	D525660	50	35	0	19 19	40	1.300	7.00	13.50	10 L 0.7 N
PZ250962	D525687	50	35	0	19 19	40	0.640	7.20	13.70	10 L 0.7 N
PZ250992	D525653	50	35	0	19 19	40	0.290	7.60	14.40	10 L 0.7 N

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CD_PPM_T	
PZ240458	0.002	N	480	3	10 L	0.67 N	0.92	1.21	2 L
PZ240482	0.002	L	260	3	10 L	1.40	1.70	2.26	2 L
PZ240512	0.002	N	510	3	10 L	3.20	0.70	0.94	2 L
PZ240542	0.002	N	660	3	10 L	1.20	1.70	2.25	2 L
PZ240574	0.002	N	530	4	10 L	2.10	1.70	2.30	2 L
PZ240602	0.002	N	1200	5	10 L	1.20	0.39	0.51	2 L
PZ240628	0.002	N	610	3	10 L	0.67 N	0.81	1.08	2 L
PZ240662	0.002	N	490	3	10 L	0.67 N	0.64	0.85	2 L
PZ240692	0.002	N	620	3	10 L	0.67 N	0.66	0.87	2 L
PZ240722	0.002	N	330	2	10 L	0.67 N	0.98	1.34	2 L
PZ240752	0.002	N	450	3	10 L	0.67 N	0.91	1.20	2 L
PZ240776	0.002	N	390	4	10 L	0.67 N	0.96	1.23	3
PZ240812	0.002	N	490	3	10 L	0.67 N	0.59	0.77	2 L
PZ240842	0.002	N	690	3	10 L	0.67 N	1.70	2.40	2 L
PZ240872	0.002	N	620	3	10 L	1.60	1.30	1.67	2 L
PZ240902	0.002	L	670	3	10 L	0.67 N	1.30	1.69	2 L
PZ240932	0.002	N	660	3	10 L	0.84	1.40	1.76	2 L
PZ240962	0.002	N	680	3	10 L	1.10	1.60	2.04	2 L
PZ240992	0.002	N	680	3	10 L	1.30	1.50	1.92	2 L
PZ241022	0.002	N	690	3	10 L	1.20	1.50	2.01	2 L
PZ241052	0.002	N	680	3	10 L	0.67 N	1.70	2.21	2 L
PZ241088	0.002	N	660	3	10 L	0.67 N	1.40	1.92	2 L
PZ250042	0.05		10	1 L	10 L	0.67 N	22.00	30.40	2 L
PZ250086	0.15		980	1 L	10 L	0.67 N	21.00	30.10	2 L
PZ250122	0.002	N	130	1 L	10 L	0.67 N	33.00	44.40	2 L
PZ250162	0.002	N	470	2	10 L	0.67 N	15.00	20.70	3
PZ250178	0.002	N	450	2	10 L	1.50	0.63	0.86	2 L
PZ250212	0.002	N	680	3	10 L	1.30	0.83	1.13	2 L
PZ250250	0.002	N	580	3	10 L	0.67 N	0.75	1.02	2 L
PZ250272	0.002	L	470	3	10 L	1.20	0.79	1.06	2 L
PZ250302	0.006		520	3	10 L	0.67 N	1.80	2.44	2 L
PZ250334	0.002	N	550	4	10 L	0.69	0.78	1.04	2 L
PZ250362	0.002	L	620	3	10 L	0.68	0.57	0.77	2 L
PZ250382	0.002	N	780	3	10 L	0.68	1.50	2.08	2 L
PZ250418	0.002	L	530	2	10 L	1.70	0.54	0.72	2 L
PZ250452	0.002	L	510	2	10 L	0.70	0.62	0.83	2 L
PZ250482	0.002	N	660	3	10 L	7.10	0.78	1.03	2 L
PZ250512	0.002	N	510	4	10 L	0.67 N	0.75	1.04	2 L
PZ250538	0.002	N	470	3	10 L	0.67 N	1.10	1.47	2 L
PZ250548	0.002	N	700	3	10 L	0.67 N	1.40	1.82	2 L
PZ250570	0.002	L	420	3	10 L	3.50	1.20	1.72	2 L
PZ250606	0.002	L	700	3	10 L	0.84	1.30	1.75	2 L
PZ250632	0.002	L	680	3	10 L	0.94	1.30	1.69	2 L
PZ250664	0.002	N	610	3	10 L	1.40	1.30	1.67	2 L
PZ250688	0.002		630	3	10 L	2.00	1.20	1.56	2 L
PZ250722	0.002	L	680	3	10 L	1.20	1.20	1.62	2 L
PZ250752	0.002	L	620	3	10 L	5.60	1.20	1.59	2 L
PZ250782	0.002		570	3	10 L	2.10	0.86	1.13	2 L
PZ250812	0.002	N	550	3	10 L	3.20	1.10	1.47	2 L
PZ250842	0.002	N	660	3	10 L	0.78	1.30	1.85	2 L
PZ250872	0.002		650	3	10 L	1.30	1.40	1.88	2 L
PZ250902	0.002	L	700	3	10 L	0.70	1.40	1.89	2 L
PZ250934	0.002		670	3	10 L	2.30	1.30	1.74	2 L
PZ250962	0.002	N	730	3	10 L	0.67 N	1.30	1.68	2 L
PZ250992	0.002	N	690	3	10 L	1.00	1.50	2.00	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ240458	0.160	68	16	58	620	540	4.10	5.73
PZ240482	0.058	74	12	55	2100	1800	2.90	4.12
PZ240512	0.110	66	17	51	940	530	4.60	6.48
PZ240542	0.110	36	4	6	840	630	1.30	1.87
PZ240574	0.110	66	13	40	580	400	3.30	4.67
PZ240602	1.300	60	11	32	200	160	3.10	4.37
PZ240628	0.770	62	15	36	270	220	3.40	4.70
PZ240662	0.058	68	20	62	120	88	5.00	7.11
PZ240692	0.078	64	17	64	95	82	4.50	6.34
PZ240722	0.096	53	18	110	140	130	3.90	5.63
PZ240752	0.520	42	19	130	210	190	4.00	5.73
PZ240776	1.900	81	16	95	340	260	3.80	5.42
PZ240812	0.050 N	46	12	48	190	110	3.60	5.28
PZ240842	0.180	49	4	6	900	570	1.40	2.10
PZ240872	0.100	34	2	7	1200	570	1.20	1.66
PZ240902	0.086	32	4	6	1900	1300	1.30	1.83
PZ240932	0.100	45	4	6	880	630	1.40	1.97
PZ240962	0.540	34	3	5	580	420	1.20	2.04
PZ240992	0.340	35	5	9	750	500	1.40	2.00
PZ241022	0.180	38	4	6	710	390	1.30	2.15
PZ241052	0.140	34	5	7	450	260	1.60	2.35
PZ241088	0.110	37	4	6	500	270	1.40	1.99
PZ250042	0.140	4 L	2	3	8	3	0.51	0.74
PZ250086	1.300	4 L	2	5	4	5	1.10	1.56
PZ250122	0.290	6	4	11	12	7	0.47	0.64
PZ250162	3.300	22	8	38	22	15	1.40	1.97
PZ250178	0.050 N	68	14	51	900	630	3.20	4.65
PZ250212	0.260	37	4	11	790	650	1.40	2.06
PZ250250	0.140	57	8	24	220	160	2.70	4.03
PZ250272	0.140	46	11	50	750	550	3.40	5.00
PZ250302	0.050 N	49	13	36	8000	2400 G	3.00	4.36
PZ250334	0.180	66	10	31	170	120	2.90	4.14
PZ250362	0.140	58	11	32	230	170	3.10	4.41
PZ250382	0.140	39	6	14	650	640	1.50	2.15
PZ250418	0.500	56	15	45	290	200	3.90	5.79
PZ250452	0.430	53	10	33	210	140	2.80	4.11
PZ250482	0.080	76	15	61	510	460	4.30	5.92
PZ250512	0.083	49	13	58	200	150	3.90	5.67
PZ250538	0.500	63	17	120	440	380	4.40	6.13
PZ250548	0.170	44	4	6	920	840	1.00	1.47
PZ250570	0.140	43	15	92	1900	1000	3.60	5.27
PZ250606	0.098	37	5	6	1500	870	1.40	2.02
PZ250632	0.078	37	4	7	1800	1500	1.40	1.94
PZ250664	0.120	37	4	5	1700	1600	1.30	1.91
PZ250688	0.110	31	5	4	2500	1600	1.30	1.98
PZ250722	0.085	30	4	5	2200	1700	1.40	1.92
PZ250752	0.140	32	4	6	3100	2000	1.60	2.32
PZ250782	0.210	21	5	6	1800	1500	1.30	1.81
PZ250812	0.060	34	5	5	1000	800	1.40	1.94
PZ250842	0.140	31	5	9	680	420	1.30	1.95
PZ250872	0.260	50	5	5	1500	950	1.50	2.15
PZ250902	0.130	34	4	7	940	620	1.50	2.21
PZ250934	0.310	30	5	5	1700	1200	1.50	2.22
PZ250962	0.190	36	5	7	840	750	1.40	1.91
PZ250992	0.160	37	4	5	390	280	1.40	2.07

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ240458	19	0.02 N	3.70	4.61	37	64	1.39	1.40
PZ240482	17	0.02	2.20	2.79	41	39	1.07	1.30
PZ240512	22	0.02 N	3.70	4.64	36	68	2.36	1.70
PZ240542	16	0.06	3.00	3.80	23	23	1.32	0.52
PZ240574	22	0.02 N	3.40	4.18	36	100	1.63	1.80
PZ240602	20	0.02 N	3.40	4.27	32	50	1.58	1.20
PZ240628	23	0.02 N	4.30	5.30	33	66	2.14	1.40
PZ240662	22	0.02 N	3.70	4.61	37	67	1.71	1.80
PZ240692	21	0.02 N	3.50	4.29	36	68	1.86	1.60
PZ240722	17	0.02 N	2.70	3.37	29	63	1.54	1.90
PZ240752	22	0.02 N	3.80	4.67	22	76	1.70	2.00
PZ240776	21	0.02	2.50	3.15	42	64	2.03	2.00
PZ240812	18	0.02 N	4.70	5.93	26	36	0.89	1.30
PZ240842	17	0.02 N	2.80	4.00	31	18	0.46	0.51
PZ240872	14	0.02 N	3.50	4.51	21	14	0.50	0.46
PZ240902	17	0.02 N	3.90	4.92	20	25	0.89	0.44
PZ240932	18	0.02 N	3.60	4.55	27	21	0.54	0.49
PZ240962	18	0.03	3.90	4.84	21	36	1.99	0.42
PZ240992	18	0.02 N	3.70	4.64	21	24	0.65	0.53
PZ241022	18	0.02	3.40	4.03	23	20	0.70	0.49
PZ241052	18	0.02	3.20	3.88	21	19	0.51	0.57
PZ241088	17	0.02 N	3.50	4.40	23	18	0.50	0.44
PZ250042	4 L	0.02	0.05	0.04	2 L	2	46.50	10.00
PZ250086	4 L	0.02	0.07	0.07	2 L	4	45.50	12.00
PZ250122	4 L	0.03	0.55	0.53	4	15	41.20	3.70
PZ250162	10	0.03	2.10	2.15	13	51	32.80	10.00
PZ250178	18	0.02 N	4.10	5.10	38	54	1.50	1.30
PZ250212	16	0.02	3.50	4.53	23	24	1.98	0.63
PZ250250	18	0.02	4.30	5.54	31	52	1.01	1.20
PZ250272	20	0.02	3.80	4.64	24	48	1.06	1.30
PZ250302	16	0.03	3.30	4.12	26	32	1.35	1.10
PZ250334	20	0.02 N	4.40	5.55	35	49	1.01	1.40
PZ250362	20	0.02 N	4.60	5.73	32	51	1.18	1.20
PZ250382	16	0.02 N	2.30	2.86	24	25	1.28	0.57
PZ250418	21	0.02	3.90	4.96	30	59	1.84	1.50
PZ250452	17	0.02 N	4.40	5.34	29	50	1.17	1.20
PZ250482	21	0.03	5.20	6.10	39	60	1.15	1.50
PZ250512	18	0.02	4.40	5.48	28	47	1.01	1.60
PZ250538	18	0.02	3.30	4.01	34	69	1.74	2.00
PZ250548	18	0.02	4.30	5.41	27	23	1.22	0.57
PZ250570	18	0.02	3.70	4.60	24	40	0.76	1.80
PZ250606	17	0.02	3.80	4.54	23	20	1.14	0.51
PZ250632	17	0.02	3.80	4.71	22	19	0.91	0.50
PZ250664	16	0.02	4.20	5.22	22	18	1.11	0.43
PZ250688	17	0.02 N	4.20	5.11	19	16	0.88	0.45
PZ250722	17	0.02	4.30	5.33	18	24	1.09	0.42
PZ250752	16	0.03	4.10	5.31	20	16	1.02	0.46
PZ250782	14	0.02	4.30	5.18	13	19	0.78	0.40
PZ250812	14	0.02	3.50	4.39	22	16	0.66	0.40
PZ250842	18	0.02	3.70	4.53	20	15	0.55	0.44
PZ250872	17	0.02	3.50	4.40	32	14	0.44	0.43
PZ250902	18	0.02	3.70	4.59	21	21	0.49	0.51
PZ250934	17	0.02	4.00	4.98	19	20	0.84	0.44
PZ250962	17	0.02	4.00	4.97	22	31	0.85	0.44
PZ250992	18	0.02	3.50	4.20	24	22	0.69	0.45

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ240458	2.32	600	0.08	23	2.40	2.30	3.09	8
PZ240482	2.12	390	0.06	15	2.70	2.80	3.89	6
PZ240512	2.84	930	0.12	4	0.42	1.50	1.95	11
PZ240542	0.85	160	0.03	320	14.00	2.50	3.41	4 L
PZ240574	3.02	560	0.08	15	1.30	1.80	2.41	8
PZ240602	1.98	610	0.08	120	4.30	2.10	2.83	7
PZ240628	2.41	750	0.10	250	9.70	1.70	2.22	10
PZ240662	3.05	990	0.13	90	2.40	1.90	2.56	10
PZ240692	2.79	950	0.13	430	23.00	2.10	2.85	9
PZ240722	3.31	870	0.11	18	1.00	2.10	2.79	8
PZ240752	3.42	910	0.12	86	4.40	2.10	2.72	6
PZ240776	3.47	1300	0.17	270	9.50	2.50	3.44	7
PZ240812	2.23	600	0.08	1500	52.00	2.00	2.76	7
PZ240842	0.84	230	0.04	120	9.40	2.50	3.62	4
PZ240872	0.71	140	0.02	1600	66.00	2.10	2.70	5
PZ240902	0.72	170	0.03	280	18.00	2.20	3.07	6
PZ240932	0.79	190	0.03	260	17.00	2.30	3.12	4
PZ240962	0.69	390	0.06	140	7.90	2.10	2.83	5
PZ240992	0.84	260	0.04	160	19.00	2.30	3.01	7
PZ241022	0.88	210	0.04	210	16.00	2.40	3.34	8
PZ241052	0.95	230	0.04	640	21.00	2.60	3.59	8
PZ241088	0.73	230	0.04	370	17.00	2.30	3.25	7
PZ250042	20.90	1000	0.13	2 L	0.20	0.04	0.15 L	4 L
PZ250086	19.70	1600	0.20	2 L	0.55	0.03	0.15 L	4 L
PZ250122	5.71	670	0.08	3	2.30	0.03	0.15 L	4 L
PZ250162	14.40	1400	0.17	12	12.00	0.07	0.15 L	4 L
PZ250178	2.28	440	0.06	44	2.40	2.20	2.96	7
PZ250212	1.05	220	0.03	43	4.40	2.10	2.75	4 L
PZ250250	2.09	360	0.05	210	8.00	2.00	2.65	8
PZ250272	2.11	560	0.08	170	4.90	2.60	3.51	5
PZ250302	1.81	290	0.05	56	4.80	1.30	1.76	5
PZ250334	2.24	500	0.07	270	9.00	2.10	2.73	8
PZ250362	1.92	540	0.08	90	3.30	2.40	3.28	7
PZ250382	0.93	250	0.04	25	3.30	3.20	4.50	5
PZ250418	2.43	790	0.11	170	5.70	2.30	3.13	8
PZ250452	1.93	700	0.10	230	5.80	2.10	2.86	5
PZ250482	2.42	740	0.10	300	20.00	2.50	3.23	12
PZ250512	2.68	540	0.08	1300	38.00	2.20	2.93	10
PZ250538	3.42	710	0.09	630	26.00	2.30	3.02	11
PZ250548	0.91	220	0.03	82	16.00	2.00	2.68	5
PZ250570	3.04	480	0.07	200	11.00	1.90	2.51	10
PZ250606	0.81	250	0.04	160	6.20	2.50	3.42	5
PZ250632	0.78	180	0.03	280	30.00	2.30	3.07	5
PZ250664	0.68	180	0.03	300	45.00	2.10	2.79	5
PZ250688	0.73	140	0.02	72	12.00	2.00	2.63	4
PZ250722	0.67	220	0.03	170	18.00	2.00	2.73	6
PZ250752	0.74	160	0.03	580	20.00	1.80	2.43	5
PZ250782	0.61	210	0.03	1000	84.00	1.60	2.05	4
PZ250812	0.66	180	0.03	700	46.00	1.90	2.55	7
PZ250842	0.73	150	0.03	79	8.70	2.30	3.11	7
PZ250872	0.69	180	0.03	340	19.00	2.40	3.14	10
PZ250902	0.83	220	0.04	340	30.00	2.50	3.25	7
PZ250934	0.70	270	0.04	92	20.00	2.10	2.92	6
PZ250962	0.69	270	0.04	100	10.00	2.20	2.93	7
PZ250992	0.73	230	0.04	96	6.90	2.60	3.56	7

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ240458	36	26	0.090	0.22	13	5.2	0.27	0.7
PZ240482	36	25	0.180	0.41	12	6.0	0.27	1.1
PZ240512	35	28	0.090	0.22	9	3.7	0.23	0.7 N
PZ240542	17	3	0.050	0.13	27	3.1	0.22	0.7 N
PZ240574	36	24	0.070	0.18	16	6.1	0.15	0.7 N
PZ240602	30	20	0.030	0.09	97	78.0	0.23	0.8
PZ240628	31	21	0.040	0.11	73	61.0	0.15	0.9
PZ240662	34	32	0.090	0.22	9	3.7	0.07	0.7 N
PZ240692	33	29	0.050	0.14	18	9.2	0.19	0.8
PZ240722	25	38	0.040	0.10	12	2.9	0.11	0.7 N
PZ240752	20	42	0.040	0.12	37	29.0	0.27	0.7 N
PZ240776	37	32	0.040	0.11	82	68.0	0.41	0.7 N
PZ240812	24	24	0.050	0.14	21	1.6	0.23	0.7 N
PZ240842	20	3	0.050	0.12	25	3.8	0.23	0.7 N
PZ240872	15	2	0.050	0.12	29	2.5	0.37	1.5
PZ240902	13	3	0.050	0.12	21	4.7	0.34	1.1
PZ240932	16	3	0.050	0.12	18	2.6	0.24	1.1
PZ240962	15	2	0.050	0.14	53	31.0	0.23	0.7 N
PZ240992	16	3	0.050	0.13	32	6.1	0.22	0.8
PZ241022	17	2	0.050	0.12	20	3.3	0.27	0.7
PZ241052	15	3	0.050	0.12	21	3.3	0.17	0.7 N
PZ241088	18	2 L	0.050	0.13	25	4.5	0.12	0.7 N
PZ250042	12	2 L	0.005 L	0.05 L	5	3.7	0.05 L	0.7 N
PZ250086	11	5	0.007	0.05 L	22	19.0	0.25	1.0
PZ250122	5	7	0.020	0.05	14	16.0	0.18	0.8
PZ250162	18	18	0.030	0.08	78	85.0	0.37	1.1
PZ250178	33	25	0.070	0.16	7	4.6	0.37	0.7 N
PZ250212	15	8	0.050	0.11	26	21.0	0.19	1.6
PZ250250	33	13	0.060	0.16	20	15.0	0.11	0.7 N
PZ250272	25	23	0.070	0.17	29	8.4	0.53	0.8
PZ250302	26	20	0.070	0.14	12	9.3	1.23	0.7 N
PZ250334	37	18	0.060	0.13	16	5.9	0.15	0.7 N
PZ250362	31	18	0.040	0.12	18	13.0	0.27	0.7 N
PZ250382	13	5	0.050	0.12	14	6.5	0.27	0.7 N
PZ250418	29	25	0.050	0.13	26	18.0	0.47	0.7 N
PZ250452	30	20	0.130	0.31	22	12.0	0.23	0.7 N
PZ250482	35	30	0.100	0.21	10	3.3	0.27	0.7 N
PZ250512	27	28	0.060	0.16	23	18.0	0.23	0.7 N
PZ250538	28	39	0.040	0.12	98	94.0	0.27	0.7 N
PZ250548	19	3	0.060	0.13	26	11.0	0.27	0.9
PZ250570	23	33	0.160	0.37	25	12.0	0.32	0.7 N
PZ250606	18	4	0.060	0.13	19	13.0	0.47	0.7 N
PZ250632	14	3	0.050	0.13	19	4.3	0.38	1.5
PZ250664	15	3	0.050	0.12	21	7.3	0.49	1.1
PZ250688	15	3	0.050	0.11	20	12.0	0.49	0.9
PZ250722	11	2	0.050	0.11	16	8.4	0.46	1.0
PZ250752	16	3	0.050	0.12	24	9.6	0.70	1.0
PZ250782	9	2	0.040	0.10	26	7.3	0.47	3.3
PZ250812	13	2	0.040	0.10	23	4.2	0.54	0.7 N
PZ250842	17	5	0.050	0.11	16	2.3	0.28	0.7 N
PZ250872	23	3	0.050	0.11	20	2.7	0.35	1.1
PZ250902	16	3	0.050	0.12	24	4.5	0.22	1.0
PZ250934	15	3	0.050	0.12	28	9.8	0.48	0.7 N
PZ250962	14	2	0.050	0.11	25	12.0	0.25	0.7 N
PZ250992	17	3	0.050	0.11	18	4.2	0.20	0.7 N

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ240458	19	62.80	5 L	140	0.05	12	0.440	0.86
PZ240482	16	67.40	5 L	140	0.05	9	0.400	0.89
PZ240512	18	61.70	5 L	110	0.10	11	0.460	0.82
PZ240542	4	70.30	5 L	350	0.05	10	0.110	0.38
PZ240574	17	63.30	5 L	170	0.05	12	0.400	0.79
PZ240602	13	67.60	5 L	300	0.10	10	0.240	0.59
PZ240628	14	62.70	5 L	100	0.05 N	13	0.300	0.64
PZ240662	20	61.00	5 L	86	0.05 N	11	0.520	0.88
PZ240692	19	62.40	5 L	100	0.05 N	11	0.450	0.88
PZ240722	16	66.30	5 L	160	0.05 N	9	0.430	0.98
PZ240752	18	63.50	5 L	150	0.05 N	9	0.450	1.06
PZ240776	15	64.40	5 L	190	0.05 N	14	0.320	0.97
PZ240812	16	65.40	5 L	93	0.15	11	0.350	0.66
PZ240842	5	70.20	5 L	450	0.05 N	10	0.180	0.39
PZ240872	5	73.40	5 L	340	0.10	8	0.170	0.31
PZ240902	5	71.20	5 L	330	0.05 N	8	0.140	0.36
PZ240932	5	72.00	5 L	350	0.05	7	0.190	0.34
PZ240962	4	70.20	5 L	260	0.05	6	0.120	0.35
PZ240992	5	71.20	5 L	360	0.05 N	9	0.200	0.35
PZ241022	5	71.70	5 L	380	0.05 N	8	0.210	0.37
PZ241052	6	70.60	5 L	400	0.05 N	8	0.230	0.39
PZ241088	4	71.70	5 L	340	0.05 N	10	0.180	0.33
PZ250042	2 L	0.87	5 L	63	0.05 N	4 L	0.005 L	0.02 L
PZ250086	2 L	2.03	5 L	99	0.05 N	4 L	0.010	0.02
PZ250122	2 L	5.29	5 L	470	0.05 N	4 L	0.020	0.05
PZ250162	6	20.10	5 L	1300	0.05 N	4	0.120	0.22
PZ250178	17	65.00	5 L	140	0.10	9	0.350	0.84
PZ250212	5	70.80	5 L	510	0.10	9	0.100	0.35
PZ250250	15	66.80	5 L	150	0.05 N	10	0.320	0.69
PZ250272	17	65.50	5 L	360	0.10	7	0.360	0.79
PZ250302	13	68.80	5 L	120	0.40	6	0.240	0.59
PZ250334	14	66.60	5 L	140	0.05 N	11	0.290	0.63
PZ250362	13	65.10	5 L	130	0.05 N	10	0.280	0.67
PZ250382	5	69.30	5 L	330	0.05 N	9	0.130	0.37
PZ250418	17	62.50	5 L	140	0.35	10	0.370	0.78
PZ250452	13	67.40	5 L	120	0.05	8	0.260	0.61
PZ250482	19	60.60	5 L	140	0.30	10	0.440	0.85
PZ250512	17	63.70	5 L	110	0.05	10	0.400	0.80
PZ250538	19	62.50	5 L	160	0.05 N	10	0.490	1.08
PZ250548	5	70.30	5 L	350	0.05 N	9	0.110	0.38
PZ250570	17	66.40	5 L	160	0.05	7	0.520	0.99
PZ250606	5	70.40	5 L	330	0.05	8	0.140	0.37
PZ250632	5	70.80	5 L	330	0.05 N	9	0.140	0.34
PZ250664	4	71.00	5 L	290	0.10	8	0.090	0.32
PZ250688	4	72.30	5 L	300	0.10	7	0.120	0.32
PZ250722	3	71.00	5 L	320	0.05	7	0.090	0.32
PZ250752	4	71.00	5 L	280	0.20	8	0.140	0.32
PZ250782	4	75.10	5 L	250	0.10	7	0.120	0.28
PZ250812	4	74.90	5 L	290	0.10	9	0.140	0.31
PZ250842	5	72.40	5 L	350	0.05	9	0.190	0.33
PZ250872	5	72.10	5 L	350	0.05	10	0.190	0.32
PZ250902	5	71.00	5 L	370	0.05 N	8	0.210	0.37
PZ250934	4	70.80	5 L	320	0.05 N	9	0.140	0.32
PZ250962	4	71.50	5 L	340	0.05 N	8	0.140	0.33
PZ250992	4	70.90	5 L	370	0.05 N	8	0.160	0.34

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ240458	1.20	100	35	17	2	78	70
PZ240482	0.75	110	150	23	2	30	31
PZ240512	1.00	99	50	14	2	79	60
PZ240542	0.60	31	190	8	1 L	17	18
PZ240574	1.20	87	130	22	3	68	55
PZ240602	0.75	67	32	12	2	240	200
PZ240628	1.10	72	12	17	3	230	220
PZ240662	0.75	110	4	11	1	97	88
PZ240692	0.90	110	13	12	2	92	84
PZ240722	0.95	120	15	13	1	71	58
PZ240752	1.30	130	12	11	2	170	130
PZ240776	0.90	110	16	18	2	250	210
PZ240812	0.50	83	360	12	2	55	42
PZ240842	0.40	32	150	11	1 L	25	26
PZ240872	0.45	25	170	10	1	14	14
PZ240902	0.70	30	140	10	1 L	24	21
PZ240932	0.50	32	140	11	1	20	21
PZ240962	0.85	32	83	11	1	60	48
PZ240992	0.50	33	190	12	1	53	49
PZ241022	0.45	31	150	11	1	34	26
PZ241052	0.35	34	190	11	1	27	25
PZ241088	0.45	29	180	12	1	31	28
PZ250042	0.10	17	1	2 L	1 L	80	84
PZ250086	0.40	6	1	2 L	1 L	260	260
PZ250122	0.30	26	1	2 L	1 L	58	62
PZ250162	0.70	59	7	6	1 L	390	370
PZ250178	0.95	100	17	19	2	32	35
PZ250212	0.50	36	10 L	9	1 L	50	42
PZ250250	1.00	66	99	21	2	36	37
PZ250272	0.95	93	10 L	15	2	64	66
PZ250302	0.70	68	230	22	2	40	28
PZ250334	1.10	66	17	22	3	97	89
PZ250362	0.95	70	10 L	17	2	64	68
PZ250382	0.55	40	140	8	1 L	29	31
PZ250418	1.10	93	10 L	14	2	110	110
PZ250452	0.80	69	10 L	16	2	110	92
PZ250482	0.80	110	57	16	2	62	61
PZ250512	0.35	96	10 L	12	1	57	56
PZ250538	0.75	140	100	14	1	120	130
PZ250548	0.55	33	160	11	1	30	36
PZ250570	0.80	120	420	20	2	69	60
PZ250606	0.65	31	120	10	1 L	22	20
PZ250632	0.50	30	140	11	1	38	44
PZ250664	0.60	26	99	11	1 L	43	44
PZ250688	0.50	26	140	9	1 L	42	43
PZ250722	0.50	27	190	10	1	34	31
PZ250752	0.40	35	370	10	1 L	38	35
PZ250782	0.50	27	510	10	1 L	35	42
PZ250812	0.40	25	270	10	1	16	19
PZ250842	0.40	31	240	10	1 L	17	20
PZ250872	0.45	30	210	11	1 L	29	26
PZ250902	0.40	33	330	11	1 L	29	32
PZ250934	0.70	30	230	11	1	43	45
PZ250962	0.50	30	410	11	1 L	53	51
PZ250992	0.50	30	140	11	1	32	34

Table 9.--continued

SAM_ID	ROCK NAME
PZ240458	Hornfels
PZ240482	Hornfels
PZ240512	Hornfels
PZ240542	Granite, somewhat porphyritic
PZ240574	Hornfels
PZ240602	Hornfels
PZ240628	Hornfels
PZ240662	Hornfels
PZ240692	Hornfels
PZ240722	Hornfels
PZ240752	Hornfels
PZ240776	Hornfels
PZ240812	Hornfels
PZ240842	Granite
PZ240872	Granite
PZ240902	Granite
PZ240932	Granite
PZ240962	Granite
PZ240992	Granite
PZ241022	Granite
PZ241052	Granite
PZ241088	Granite
PZ250042	Dolomite
PZ250086	Limestone
PZ250122	Limestone
PZ250162	Argillaceous limestone
PZ250178	Hornfels
PZ250212	Granite, somewhat porphyritic
PZ250250	Hornfels
PZ250272	Hornfels
PZ250302	Hornfels
PZ250334	Hornfels
PZ250362	Hornfels
PZ250382	Diorite
PZ250418	Hornfels
PZ250452	Hornfels
PZ250482	Hornfels
PZ250512	Hornfels
PZ250538	Hornfels
PZ250548	Granodiorite
PZ250570	Hornfels
PZ250606	Granite
PZ250632	Granite
PZ250664	Granite
PZ250688	Granite
PZ250722	Granite
PZ250752	Granite
PZ250782	Granite
PZ250812	Granite
PZ250842	Granite
PZ250872	Granite
PZ250902	Granite
PZ250934	Granite
PZ250962	Granite
PZ250992	Granite

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)			LONGITUDE (E)			AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ251022	D525672	50	35	0	19	19	40	1.600	6.00	11.40	10 L	0.7 N
PZ251052	D525682	50	35	0	19	19	40	0.460	6.70	12.50	10 L	0.7 N
PZ251082	D525689	50	35	0	19	19	40	0.510	6.20	12.00	10 L	0.7 N
PZ251112	D525686	50	35	0	19	19	40	1.300	6.60	12.70	10 L	0.7 N
PZ251140	D525673	50	35	0	19	19	40	0.640	7.00	13.30	10 L	0.7 N
PZ251172	D525676	50	35	0	19	19	40	0.700	6.80	12.90	10 L	0.7 N
PZ251202	D525680	50	35	0	19	19	40	1.100	6.90	13.30	10 L	0.7 N
PZ251230	D525652	50	35	0	19	19	40	1.500	6.20	12.00	10 L	0.7 N
PZ260012	D557629	50	35	0	19	19	40	0.067 N	6.70	12.90	10 L	2.2
PZ260042	D557620	50	35	0	19	19	40	0.067 N	0.15	0.31	10 L	1.0 N
PZ260072	D557617	50	35	0	19	19	40	0.095	0.05	0.11	10 L	1.2
PZ260090	D557637	50	35	0	19	19	40	0.190	0.13	0.27	17	8.9
PZ260102	D557633	50	35	0	19	19	40	0.067 N	2.40	4.00	10 L	3.7
PZ260132	D557626	50	35	0	19	19	40	0.067 N	0.69	1.16	10	8.6
PZ260162	D557627	50	35	0	19	19	40	0.067 N	1.80	2.93	10	9.6
PZ260170	D557569	50	35	0	19	19	40	0.400	8.10	15.70	10 L	1.0 N
PZ260202	D557572	50	35	0	19	19	40	0.390	7.80	14.80	10 L	1.0 N
PZ260232	D557554	50	35	0	19	19	40	0.190	7.80	14.90	10 L	1.0 N
PZ260262	D557552	50	35	0	19	19	40	0.540	6.80	13.00	10 L	1.0 N
PZ260305	D557584	50	35	0	19	19	40	0.160	7.20	13.80	10 L	1.0 N
PZ260322	D557585	50	35	0	19	19	40	1.000 N	6.30	11.90	10 L	15.0 N
PZ260335	D557556	50	35	0	19	19	40	0.550	7.10	13.80	10 L	1.0 N
PZ260368	D557568	50	35	0	19	19	40	0.670	6.90	13.40	10 L	1.0 N
PZ260392	D557562	50	35	0	19	19	40	0.940	6.90	13.30	10 L	1.0 N
PZ260422	D557555	50	35	0	19	19	40	0.350	8.50	14.20	10 L	1.0 N
PZ260452	D557571	50	35	0	19	19	40	1.000 N	6.90	13.50	10 L	15.0 N
PZ260478	D557586	50	35	0	19	19	40	0.990	7.30	13.80	10 L	1.0 N
PZ260512	D557558	50	35	0	19	19	40	7.300	6.50	12.60	10 L	10.0 N
PZ260542	D557567	50	35	0	19	19	40	1.700	6.70	12.80	10 L	10.0 N
PZ260572	D557591	50	35	0	19	19	40	3.800	6.10	11.60	10 L	15.0 N
PZ260602	D557564	50	35	0	19	19	40	0.670 N	6.90	13.20	10 L	10.0 N
PZ260632	D557587	50	35	0	19	19	40	0.750	7.30	13.70	10 L	1.0 N
PZ260662	D557560	50	35	0	19	19	40	1.000 N	6.50	12.40	10 L	15.0 N
PZ260704	D557559	50	35	0	19	19	40	0.670 N	6.40	12.20	10 L	10.0 N
PZ260722	D557577	50	35	0	19	19	40	0.690	6.60	12.80	10 L	1.0 N
PZ260748	D557582	50	35	0	19	19	40	0.690	6.90	13.20	10 L	1.0 N
PZ260782	D557561	50	35	0	19	19	40	0.330	6.90	13.40	10 L	1.0 N
PZ260812	D557578	50	35	0	19	19	40	1.000 N	6.50	12.60	10 L	15.0 N
PZ260842	D557574	50	35	0	19	19	40	1.000	6.60	12.80	10 L	1.0 N
PZ260872	D557583	50	35	0	19	19	40	0.630	6.50	12.60	10 L	1.0 N
PZ260902	D557566	50	35	0	19	19	40	0.850	6.20	11.70	10 L	1.0 N
PZ260932	D557553	50	35	0	19	19	40	0.700	6.10	11.80	10 L	1.0 N
PZ260962	D557580	50	35	0	19	19	40	1.400	6.80	13.00	10 L	1.0 N
PZ260992	D557557	50	35	0	19	19	40	1.200	6.70	12.90	10 L	1.0 N
PZ261024	D557551	50	35	0	19	19	40	0.520	7.00	13.40	10 L	1.0 N
PZ261064	D557593	50	35	0	19	19	40	0.280	7.10	13.40	10 L	1.0 N
PZ261082	D557581	50	35	0	19	19	40	0.160	7.10	13.60	10 L	1.0 N
PZ261112	D557563	50	35	0	19	19	40	0.590	6.50	12.20	10 L	1.0 N
PZ261142	D557573	50	35	0	19	19	40	0.230	6.90	13.20	10 L	1.0 N
PZ261172	D557575	50	35	0	19	19	40	0.410	6.50	12.70	10 L	1.0 N
PZ261202	D557579	50	35	0	19	19	40	0.200	7.00	13.50	10 L	1.0 N
PZ261236	D557550	50	35	0	19	19	40	0.310	7.10	13.60	10 L	1.0 N
PZ261262	D557588	50	35	0	19	19	40	0.760	7.30	13.90	10 L	1.0 N
PZ261285	D557589	50	35	0	19	19	40	0.660	7.50	14.20	10 L	1.0 N
PZ261316	D557592	50	35	0	19	19	40	0.260	7.40	14.30	10 L	1.0 N

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CO_PPM_T
PZ251022	0.002 L	290	3	31	31.00	0.86	1.14	2 L
PZ251052	0.002 N	650	3	10 L	0.67 N	1.20	1.50	2 L
PZ251082	0.002 N	620	3	10 L	0.67 N	1.10	1.29	2 L
PZ251112	0.002 N	660	3	10 L	5.50	1.00	1.35	2 L
PZ251140	0.002 N	680	3	10 L	0.67 N	1.20	1.55	2 L
PZ251172	0.002 N	640	3	10 L	0.67 N	1.20	1.52	2 L
PZ251202	0.002 N	650	3	10 L	1.20	1.30	1.78	2 L
PZ251230	0.004	360	3	10	10.00	1.10	1.40	2 L
PZ260012	0.002 L	360	2	10 L	1.00 N	4.70	6.66	2 L
PZ260042	0.002 L	8	1 L	10 L	1.00 N	23.00	30.40	2 L
PZ260072	0.002 L	4	1 L	10 L	1.00 N	22.00	30.00	2 L
PZ260090	0.002 L	190	1 L	10 L	1.00 N	22.00	30.20	2 L
PZ260102	0.002 L	72	1 L	10 L	1.00 N	32.00	45.00	2 L
PZ260132	0.002 L	720	1 L	10 L	1.00 N	22.00	29.60	2 L
PZ260162	0.002 L	340	1	10 L	1.00 N	19.00	25.60	7
PZ260170	0.002 L	680	4	10 L	2.70	0.47	0.64	2 L
PZ260202	0.002 L	560	3	10 L	1.00 N	0.81	1.10	2 L
PZ260232	0.002 L	590	4	10 L	1.00 N	0.69	0.95	2 L
PZ260262	0.002 L	440	6	10 L	1.00 N	0.83	1.12	2 L
PZ260305	0.002 L	400	3	10 L	1.00 N	0.50	0.70	2 L
PZ260322	0.002 L	600	3	10 L	15.00 N	0.87	1.19	2 L
PZ260335	0.002 L	490	3	10 L	1.00 N	0.52	0.71	2 L
PZ260368	0.002	680	3	10 L	3.30	1.30	1.71	2 L
PZ260392	0.002 L	730	2	10 L	1.00 N	1.20	1.65	2 L
PZ260422	0.002 L	830	3	10 L	7.00	1.60	1.83	2 L
PZ260452	0.002 L	640	3	28	26.00	1.20	1.56	2 L
PZ260478	0.002 L	710	3	10 L	4.80	1.20	1.63	2 L
PZ260512	0.002 L	310	3	49	68.00	0.86	1.16	2 L
PZ260542	0.004	640	2	10 L	10.00 N	1.20	1.57	2 L
PZ260572	0.002	660	2	10 L	15.00 N	1.20	1.60	2 L
PZ260602	0.002 L	620	4	10 L	10.00 N	1.20	1.55	2 L
PZ260632	0.002 L	690	3	10 L	1.00 N	1.20	1.65	2 L
PZ260662	0.002	640	3	10 L	15.00 N	0.96	1.29	2 L
PZ260704	0.002	640	3	10 L	10.00 N	1.00	1.40	2 L
PZ260722	0.002 L	590	3	10 L	1.00 N	1.00	1.42	2 L
PZ260748	0.002	640	3	10 L	1.00 N	1.10	1.53	2 L
PZ260782	0.002 L	670	3	10 L	1.00 N	1.10	1.51	2 L
PZ260812	0.002 L	620	3	10 L	15.00 N	0.97	1.34	2 L
PZ260842	0.002 L	620	4	10 L	1.00 N	0.98	1.37	2 L
PZ260872	0.002 L	630	4	10 L	1.00 N	0.89	1.24	2 L
PZ260902	0.002 L	630	3	10 L	1.00 N	0.89	1.17	2 L
PZ260932	0.002 L	580	4	10 L	1.00 N	0.83	1.12	2 L
PZ260962	0.002 L	630	3	10 L	1.00 N	1.10	1.53	2 L
PZ260992	0.002 L	660	3	10 L	1.00 N	1.10	1.50	2 L
PZ261024	0.002 L	710	3	10 L	1.00 N	1.20	1.64	2 L
PZ261064	0.002 L	670	3	10 L	1.00 N	1.30	1.72	2 L
PZ261082	0.002 L	680	3	10 L	1.00 N	1.20	1.67	2 L
PZ261112	0.002 L	630	3	10 L	1.00 N	1.10	1.47	2 L
PZ261142	0.002 L	710	3	10 L	1.00 N	1.20	1.61	2 L
PZ261172	0.002 L	650	3	10 L	1.00 N	1.00	1.41	2 L
PZ261202	0.002 L	720	3	10 L	1.00 N	1.20	1.64	2 L
PZ261236	0.002 L	720	3	10 L	1.00 N	1.30	1.78	2 L
PZ261262	0.002 L	680	3	10 L	1.00 N	1.30	1.74	2 L
PZ261285	0.002 L	710	3	10 L	1.00 N	1.50	1.95	2 L
PZ261316	0.002 L	720	3	10 L	1.00 N	1.40	1.98	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ251022	0.700	27	5	7	1600	1400	1.80	2.61
PZ251052	0.340	36	4	7	610	530	1.40	1.90
PZ251082	0.680	29	3	5	700	600	1.20	1.76
PZ251112	0.820	36	4	8	1900	1700	1.50	2.15
PZ251140	0.720	36	3	6	980	840	1.50	2.09
PZ251172	0.310	37	3	6	750	650	1.30	1.89
PZ251202	0.760	46	3	5	1400	1200	1.50	2.16
PZ251230	0.720	31	7	4	1400	760	2.50	3.56
PZ260012	0.050 N	59	10	74	7	4	3.40	5.01
PZ260042	0.050 N	4 L	2	3	2	0	0.44	0.60
PZ260072	0.220	4 L	1	1	2	1	0.39	0.53
PZ260090	0.650	4 L	2	2	5	1	1.20	1.63
PZ260102	0.050 N	15	5	30	8	6	0.67	0.92
PZ260132	0.290	6	3	8	9	5	0.75	1.06
PZ260162	6.500	14	4	18	13	10	0.97	1.33
PZ260170	0.062	75	8	50	200	190	3.30	4.63
PZ260202	1.500	66	10	34	330	330	3.00	4.23
PZ260232	0.220	69	10	29	340	350	2.90	4.11
PZ260262	0.260	53	9	43	1100	1200	2.10	3.00
PZ260305	0.068	60	9	35	430	450	2.80	4.09
PZ260322	0.750 N	38	4	4	2100	2300	1.10	1.55
PZ260335	0.170	61	10	30	360	370	2.70	3.85
PZ260368	0.067	41	4	4	1300	1300	1.20	1.74
PZ260392	0.056	32	4	4	1400	1400	1.20	1.79
PZ260422	0.074	59	4	6	780	710	1.50	1.89
PZ260452	0.750 N	39	4	4	1800	1900	1.30	1.97
PZ260478	0.077	37	4	4	1400	1300	1.40	2.16
PZ260512	0.500 N	31	7	6	3500	3400	1.70	2.44
PZ260542	0.500 N	32	6	5	3000	2900	1.50	2.12
PZ260572	0.750 N	33	3	3	3000	3200	1.30	1.94
PZ260602	0.500 N	26	3	4	2400	2400	1.20	1.78
PZ260632	0.076	37	4	3	1700	1600	1.30	2.02
PZ260662	0.750 N	32	3	5	1900	1900	1.20	1.62
PZ260704	0.500 N	25	3	6	2000	1900	1.30	1.76
PZ260722	0.110	40	2	3	1700	1600	1.20	1.77
PZ260748	0.096	37	4	5	1500	1500	1.40	1.97
PZ260782	0.110	36	4	5	890	930	1.40	2.01
PZ260812	0.750 N	36	2	4	1900	2000	1.30	1.83
PZ260842	0.270	42	4	4	1500	1500	1.40	2.09
PZ260872	0.350	36	3	3	1500	1400	1.10	1.62
PZ260902	0.150	31	2	5	1000	1000	1.10	1.49
PZ260932	0.170	29	2	4	1400	1400	1.20	1.73
PZ260962	0.140	33	5	3	1200	1200	1.40	2.01
PZ260992	0.100	39	3	6	1200	1200	1.40	1.94
PZ261024	0.140	44	4	6	1000	1000	1.40	2.00
PZ261064	0.050 N	39	3	4	380	400	1.50	2.11
PZ261082	0.120	43	3	4	230	230	1.40	2.06
PZ261112	0.140	33	5	5	560	540	1.50	1.98
PZ261142	0.050 N	33	3	3	290	270	1.30	1.90
PZ261172	0.051	38	4	3	340	340	1.30	1.97
PZ261202	0.430	53	3	3	240	250	1.30	1.93
PZ261236	0.140	41	5	5	320	340	1.50	2.20
PZ261262	0.280	39	4	4	750	780	1.50	2.17
PZ261285	0.150	43	5	3	290	280	1.40	2.08
PZ261316	0.250	42	3	4	520	540	1.40	2.07

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ251022	15	0.02	3.90	4.84	17	16	0.97	0.37
PZ251052	16	0.02	4.00	4.90	21	18	0.47	0.45
PZ251082	14	0.02	4.20	5.24	18	23	0.51	0.42
PZ251112	15	0.02	4.80	6.10	21	19	0.83	0.43
PZ251140	17	0.03	4.20	5.09	22	26	0.58	0.49
PZ251172	15	0.02	4.00	4.83	23	23	0.89	0.41
PZ251202	16	0.02	3.60	4.52	28	23	0.78	0.43
PZ251230	18	0.02	3.20	3.91	20	17	1.92	0.43
PZ260012	15	0.02 L	3.20	3.96	29	34	9.99	0.95
PZ260042	4 L	0.02 L	0.06	0.04	2 L	3	46.20	12.00
PZ260072	4 L	0.08	0.02	0.02 L	2 L	3	47.30	12.00
PZ260090	4 L	0.02 L	0.04	0.03	2 L	3	44.60	11.00
PZ260102	7	0.02 L	0.86	0.84	9	17	36.50	0.46
PZ260132	4 L	0.02	0.39	0.35	4	14	43.70	11.00
PZ260162	5	0.03	1.10	1.07	6	25	39.70	10.00
PZ260170	19	0.02 L	6.80	8.73	37	57	2.60	1.20
PZ260202	18	0.02 L	4.10	5.07	33	49	1.50	1.10
PZ260232	17	0.02 L	4.60	5.75	36	33	0.90	1.30
PZ260262	14	0.02 L	4.70	5.75	28	24	0.75	1.20
PZ260305	17	0.02 L	4.80	6.01	30	40	0.74	1.20
PZ260322	14	0.02 L	3.30	4.22	23	22	1.24	0.49
PZ260335	16	0.02 L	4.90	6.21	32	60	0.90	1.30
PZ260368	14	0.02 L	3.70	4.80	26	18	0.99	0.49
PZ260392	15	0.02 L	4.20	5.34	19	22	1.37	0.46
PZ260422	19	0.02 L	4.50	4.93	35	16	0.75	0.59
PZ260452	16	0.02 L	4.10	5.33	23	19	1.84	0.47
PZ260478	17	0.02 L	4.20	5.23	22	26	1.39	0.49
PZ260512	16	0.02 L	4.40	5.52	19	20	1.30	0.48
PZ260542	15	0.02 L	4.00	5.09	21	22	1.20	0.44
PZ260572	12	0.02 L	4.00	5.11	21	14	1.62	0.49
PZ260602	15	0.02 L	4.20	5.34	17	22	1.14	0.46
PZ260632	16	0.02 L	4.40	5.41	22	23	0.86	0.50
PZ260662	14	0.02 L	4.40	5.40	19	16	0.79	0.47
PZ260704	16	0.02 L	4.40	5.42	16	28	1.18	0.43
PZ260722	16	0.02 L	3.90	5.00	24	19	0.74	0.45
PZ260748	17	0.02 L	4.10	5.12	22	21	1.05	0.45
PZ260782	16	0.02 L	4.20	5.25	22	18	0.69	0.50
PZ260812	14	0.02 L	4.10	5.23	21	20	0.66	0.41
PZ260842	16	0.02 L	4.50	5.66	25	18	0.71	0.45
PZ260872	16	0.02	4.40	5.56	22	17	0.60	0.37
PZ260902	14	0.02 L	4.40	5.44	19	16	0.65	0.33
PZ260932	14	0.02 L	4.50	5.66	17	15	0.67	0.37
PZ260962	15	0.02 L	3.70	4.62	20	20	0.70	0.38
PZ260992	16	0.02 L	4.00	5.11	23	22	0.75	0.47
PZ261024	16	0.02 L	3.80	4.65	27	21	0.57	0.48
PZ261064	17	0.02 L	3.50	4.43	23	19	0.39	0.47
PZ261082	17	0.02 L	3.80	4.75	24	19	0.53	0.48
PZ261112	15	0.02 L	3.70	4.56	20	16	0.46	0.42
PZ261142	15	0.02 L	3.80	4.75	18	15	0.40	0.41
PZ261172	15	0.02 L	3.60	4.59	23	19	0.59	0.37
PZ261202	15	0.02 L	3.80	4.82	31	21	0.71	0.42
PZ261236	16	0.02 L	3.70	4.55	24	22	0.65	0.48
PZ261262	17	0.02 L	3.60	4.54	23	22	0.55	0.46
PZ261285	17	0.02 L	3.40	4.28	24	21	0.70	0.46
PZ261316	17	0.02 L	3.40	4.26	26	17	0.42	0.45

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ251022	0.63	180	0.03	590	87.00	1.50	1.96	4
PZ251052	0.66	230	0.03	380	38.00	2.00	2.56	4 L
PZ251082	0.66	250	0.04	220	25.00	1.70	2.20	9
PZ251112	0.68	240	0.04	490	95.00	1.50	2.03	7
PZ251140	0.77	270	0.04	420	25.00	2.00	2.68	8
PZ251172	0.67	240	0.04	690	45.00	2.10	2.79	8
PZ251202	0.67	270	0.04	890	30.00	2.20	3.00	8
PZ251230	0.67	200	0.03	300	13.00	1.70	2.22	7
PZ260012	1.57	330	0.05	2 L	0.25	0.09	0.15 L	12
PZ260042	20.50	900	0.10	2 L	0.11	0.04	0.15 L	4 L
PZ260072	20.70	1000	0.12	2 L	0.19	0.07	0.15 L	4 L
PZ260090	19.60	1400	0.16	2 L	0.31	0.04	0.15 L	4 L
PZ260102	0.48	200	0.02	2 L	0.16	0.04	0.15 L	4 L
PZ260132	18.40	1400	0.16	17	9.30	0.05	0.15 L	4 L
PZ260162	17.40	2100	0.25	18	11.00	0.06	0.15 L	4 L
PZ260170	1.95	340	0.05	19	4.80	0.25	0.30	11
PZ260202	1.91	460	0.06	370	15.00	2.00	2.63	11
PZ260232	2.11	490	0.07	180	13.00	2.30	2.98	16
PZ260262	1.86	290	0.04	400	22.00	1.70	2.16	10
PZ260305	2.10	460	0.07	480	24.00	2.00	2.65	10
PZ260322	0.81	180	0.03	450	140.00	2.10	2.68	4 L
PZ260335	2.08	670	0.09	330	21.00	1.80	2.31	11
PZ260368	0.80	110	0.02	360	56.00	2.20	2.84	9
PZ260392	0.77	190	0.03	120	22.00	2.00	2.57	6
PZ260422	0.83	170	0.02	230	23.00	2.70	3.02	11
PZ260452	0.78	210	0.03	180	67.00	1.70	2.20	8
PZ260478	0.84	180	0.03	250	33.00	2.00	2.60	8
PZ260512	0.78	180	0.03	530	77.00	1.60	2.13	6
PZ260542	0.72	190	0.03	510	88.00	1.90	2.46	8
PZ260572	0.81	210	0.03	530	160.00	1.40	1.81	8
PZ260602	0.75	98	0.01	640	72.00	1.90	2.46	7
PZ260632	0.84	100	0.02	370	32.00	2.10	2.69	9
PZ260662	0.73	110	0.02	1000	150.00	1.80	2.29	8
PZ260704	0.68	150	0.02	390	54.00	1.70	2.09	7
PZ260722	0.73	110	0.02	690	31.00	1.90	2.54	8
PZ260748	0.78	150	0.02	460	57.00	2.00	2.62	5
PZ260782	0.81	150	0.02	440	45.00	2.10	2.68	10
PZ260812	0.70	130	0.02	990	180.00	1.80	2.40	7
PZ260842	0.77	150	0.02	500	73.00	1.80	2.34	7
PZ260872	0.62	110	0.02	420	52.00	1.80	2.37	8
PZ260902	0.54	170	0.02	650	110.00	1.60	2.00	4 L
PZ260932	0.61	150	0.02	1100	92.00	1.50	2.01	5
PZ260962	0.67	150	0.03	120	29.00	2.30	2.94	10
PZ260992	0.75	190	0.03	500	29.00	2.00	2.53	9
PZ261024	0.78	200	0.03	160	27.00	2.30	2.91	12
PZ261064	0.76	210	0.03	230	24.00	2.30	2.96	11
PZ261082	0.80	250	0.04	510	37.00	2.30	2.93	9
PZ261112	0.67	240	0.03	190	28.00	2.00	2.59	9
PZ261142	0.66	180	0.03	460	35.00	2.20	2.86	11
PZ261172	0.65	200	0.03	680	40.00	2.10	2.78	8
PZ261202	0.71	240	0.04	640	23.00	2.10	2.77	12
PZ261236	0.77	270	0.04	190	25.00	2.30	2.91	10
PZ261262	0.79	240	0.04	150	12.00	2.40	3.12	11
PZ261285	0.76	260	0.04	43	6.80	2.60	3.39	8
PZ261316	0.73	200	0.03	150	16.00	2.50	3.32	13

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ251022	11	2 L	0.040	0.10	33	6.0	1.00	10.0
PZ251052	13	2	0.040	0.10	23	3.1	0.34	2.0
PZ251082	12	2	0.040	0.11	37	25.0	0.19	0.7 N
PZ251112	16	2	0.050	0.11	66	16.0	0.50	13.0
PZ251140	14	3	0.050	0.11	33	18.0	0.33	0.7 N
PZ251172	16	2	0.050	0.11	24	7.0	0.27	0.7 N
PZ251202	18	2	0.050	0.11	28	21.0	0.41	0.7 N
PZ251230	16	2	0.040	0.10	29	16.0	1.63	0.7 N
PZ260012	24	32	0.030	0.08	14	11.0	0.05 L	1.0 N
PZ260042	4 L	2 L	0.005 L	0.05 L	4 L	4.9	0.05 L	1.0 N
PZ260072	4 L	2 L	0.005 L	0.05 L	11	8.7	0.05 L	1.0 N
PZ260090	4 L	4	0.005 L	0.05 L	21	22.0	0.63	1.0 N
PZ260102	6	11	0.020	0.05 L	6	7.3	0.30	1.0 N
PZ260132	4 L	6	0.010	0.05 L	64	62.0	0.17	1.6
PZ260162	5	11	0.030	0.05	56	65.0	0.22	1.0 N
PZ260170	39	22	0.050	0.12	9	4.9	0.05 L	1.0 N
PZ260202	31	17	0.070	0.15	14	9.2	0.35	1.0 N
PZ260232	33	17	0.040	0.11	7	2.4	0.23	1.0 N
PZ260262	25	23	0.060	0.14	10	2.3	0.27	1.0 N
PZ260305	27	19	0.060	0.13	11	3.9	0.20	1.0 N
PZ260322	15	4	0.060	0.12	41	42.0	0.58	15.0 N
PZ260335	31	18	0.050	0.12	13	5.0	0.24	1.0 N
PZ260368	16	3	0.050	0.13	13	3.8	0.38	1.0 N
PZ260392	13	3	0.050	0.11	11	6.9	0.43	1.0 N
PZ260422	22	3	0.060	0.13	13	4.9	0.13	1.0 N
PZ260452	17	3	0.050	0.12	19	25.0	0.66	15.0 N
PZ260478	15	3	0.050	0.12	19	5.9	0.43	1.0 N
PZ260512	18	4	0.060	0.11	46	45.0	1.04	10.0 N
PZ260542	18	3	0.060	0.12	52	54.0	0.71	10.0 N
PZ260572	12	3	0.050	0.11	19	23.0	0.50	15.0 N
PZ260602	13	2	0.050	0.11	12	11.0	0.60	10.0 N
PZ260632	14	2	0.060	0.12	15	5.2	0.45	1.0 N
PZ260662	13	2	0.050	0.11	16	16.0	0.41	15.0 N
PZ260704	12	3	0.050	0.11	17	10.0	0.37	10.0 N
PZ260722	14	2	0.050	0.11	17	11.0	0.42	1.0 N
PZ260748	13	3	0.050	0.12	26	11.0	0.42	1.0 N
PZ260782	14	3	0.050	0.12	25	7.7	0.32	3.6
PZ260812	17	2	0.040	0.11	29	17.0	0.37	15.0 N
PZ260842	16	2	0.050	0.11	31	15.0	0.33	2.3
PZ260872	14	2	0.040	0.10	36	22.0	0.31	1.0
PZ260902	16	2	0.040	0.10	23	7.5	0.25	1.8
PZ260932	15	2	0.040	0.10	18	7.0	0.39	3.5
PZ260962	14	2	0.040	0.10	19	6.6	0.37	1.0 N
PZ260992	17	3	0.050	0.11	17	6.5	0.24	1.0
PZ261024	18	2	0.050	0.11	17	6.3	0.20	1.0 N
PZ261064	16	2	0.050	0.12	15	4.5	0.92	1.0 N
PZ261082	16	2	0.040	0.11	22	6.0	0.08	1.0 N
PZ261112	17	2	0.050	0.11	15	4.8	0.15	1.0 N
PZ261142	12	2 L	0.040	0.11	19	3.5	0.15	1.0 N
PZ261172	15	2 L	0.040	0.11	14	3.9	0.22	1.0 N
PZ261202	19	2	0.050	0.11	22	13.0	0.17	1.0 N
PZ261236	18	2	0.050	0.12	26	5.5	0.29	3.3
PZ261262	16	3	0.050	0.12	27	11.0	0.26	1.0 N
PZ261285	15	2	0.050	0.12	18	7.3	0.15	1.0 N
PZ261316	17	2	0.050	0.11	15	3.4	0.19	1.0 N

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ251022	4	74.50	5 L	240	0.85	7	0.130	0.29
PZ251052	5	73.50	5 L	320	0.05 N	7	0.180	0.30
PZ251082	4	74.70	5 L	290	0.05 N	7	0.160	0.30
PZ251112	4	71.80	5 L	260	0.05 N	9	0.140	0.30
PZ251140	5	72.50	5 L	340	0.05 N	8	0.190	0.33
PZ251172	4	72.80	5 L	320	0.05 N	9	0.140	0.30
PZ251202	4	71.50	5 L	330	0.05	9	0.150	0.32
PZ251230	4	72.90	5 L	230	1.90	8	0.120	0.27
PZ260012	11	58.70	5 L	77	0.10 L	9	0.300	0.64
PZ260042	2 L	1.15	5 L	68	0.10 L	4 L	0.005 L	0.02 L
PZ260072	2 L	0.35	5 L	79	0.10 L	4 L	0.005 L	0.02 L
PZ260090	2 L	1.21	5 L	130	0.10 L	4 L	0.005 L	0.02 L
PZ260102	4	10.50	5 L	910	0.10 L	4 L	0.080	0.15
PZ260132	2 L	4.63	5 L	270	0.10 L	4 L	0.030	0.05
PZ260162	3	10.40	5 L	370	0.10 L	4 L	0.060	0.11
PZ260170	19	63.50	5 L	150	0.30	11	0.350	0.83
PZ260202	14	67.00	5 L	130	0.25	11	0.310	0.65
PZ260232	14	66.70	5 L	130	0.10 L	10	0.330	0.66
PZ260262	14	70.20	5 L	120	0.10 L	9	0.270	0.74
PZ260305	14	67.70	5 L	130	0.10 L	9	0.280	0.65
PZ260322	4	74.40	5 L	330	0.10 L	8	0.070	0.34
PZ260335	15	68.30	5 L	130	0.10 L	9	0.320	0.70
PZ260368	5	71.90	5 L	330	0.10	8	0.160	0.34
PZ260392	4	71.20	5 L	300	0.10 L	7	0.090	0.33
PZ260422	6	71.30	5 L	430	0.10 L	10	0.200	0.36
PZ260452	4	70.60	5 L	230	0.60	8	0.120	0.35
PZ260478	4	70.50	5 L	310	0.20	9	0.090	0.35
PZ260512	4	71.30	5 L	240	0.50	11	0.080	0.32
PZ260542	4	71.40	5 L	290	0.10	11	0.100	0.33
PZ260572	3	73.00	5 L	300	0.10 L	7	0.090	0.31
PZ260602	4	71.30	5 L	280	0.10 L	9	0.090	0.32
PZ260632	5	70.80	5 L	360	0.10 L	8	0.140	0.36
PZ260662	4	73.80	5 L	280	0.10 L	8	0.150	0.30
PZ260704	4	73.40	5 L	250	0.10 L	8	0.100	0.31
PZ260722	4	73.40	5 L	310	0.10 L	9	0.130	0.31
PZ260748	4	71.60	5 L	280	0.15	7	0.130	0.33
PZ260782	5	72.40	5 L	310	0.10 L	8	0.170	0.34
PZ260812	4	73.50	5 L	280	0.10 L	11	0.160	0.29
PZ260842	4	72.60	5 L	280	0.10 L	9	0.130	0.32
PZ260872	4	73.90	5 L	280	0.10 L	8	0.120	0.27
PZ260902	3	75.20	5 L	240	0.10 L	10	0.110	0.25
PZ260932	4	74.60	5 L	240	0.10 L	9	0.130	0.27
PZ260962	4	73.00	5 L	300	0.10 L	9	0.130	0.28
PZ260992	4	72.90	5 L	310	0.10 L	9	0.160	0.33
PZ261024	4	72.60	5 L	350	0.10 L	10	0.170	0.31
PZ261064	5	73.00	5 L	350	0.10 L	9	0.180	0.31
PZ261082	5	72.10	5 L	330	0.10 L	8	0.180	0.32
PZ261112	4	74.80	5 L	300	0.10	9	0.160	0.28
PZ261142	5	73.30	5 L	320	0.10 L	8	0.160	0.30
PZ261172	4	74.20	5 L	300	0.10 L	9	0.140	0.29
PZ261202	4	72.50	5 L	320	0.10 L	8	0.160	0.31
PZ261236	5	71.90	5 L	350	0.10 L	9	0.200	0.34
PZ261262	5	71.70	5 L	350	0.10 L	10	0.180	0.33
PZ261285	5	70.80	5 L	350	0.10 L	8	0.160	0.33
PZ261316	5	71.80	5 L	370	0.10 L	10	0.190	0.32

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ251022	0.45	28	1520	10	1	50	58
PZ251052	0.50	30	860	11	1	31	36
PZ251082	0.55	29	680	10	1	130	130
PZ251112	0.70	28	1280	14	1	110	120
PZ251140	0.80	29	220	11	1 L	190	160
PZ251172	0.50	26	170	12	1	50	54
PZ251202	0.50	32	61	11	1	110	110
PZ251230	0.50	32	56	9	1 L	110	110
PZ260012	0.85	84	1	16	2	53	34
PZ260042	0.10	17	1 L	2 L	1 L	72	91
PZ260072	0.20	2	1 L	2 L	1 L	110	120
PZ260090	0.85	4	1 L	2 L	1 L	190	220
PZ260102	0.30	27	1 L	4	1 L	9	18
PZ260132	0.75	29	1 L	2	1 L	79	110
PZ260162	0.65	41	4	4	1 L	620	620
PZ260170	1.80	98	96	17	2	84	89
PZ260202	1.10	76	45	17	2	190	200
PZ260232	0.95	70	67	14	2	70	81
PZ260262	0.90	94	200	15	2	46	59
PZ260305	0.90	78	69	13	2	50	57
PZ260322	0.75	33	170	8	1 L	37	27
PZ260335	1.00	83	140	14	2	54	67
PZ260368	0.55	31	240	10	1	16	22
PZ260392	0.85	29	110	10	1	19	23
PZ260422	0.50	39	120	13	1	29	32
PZ260452	0.95	34	130	11	1	59	51
PZ260478	0.80	32	260	11	1	22	26
PZ260512	0.95	32	840	10	1	29	34
PZ260542	0.85	33	220	9	1 L	49	50
PZ260572	0.90	27	130	8	1 L	26	22
PZ260602	0.65	29	220	9	1 L	17	18
PZ260632	0.60	32	180	10	1	20	24
PZ260662	0.60	28	340	10	1	29	30
PZ260704	0.65	28	330	10	1	29	32
PZ260722	0.50	28	270	10	1 L	31	41
PZ260748	0.70	30	850	10	1	48	50
PZ260782	0.55	32	630	11	1	24	35
PZ260812	0.55	27	880	10	1	53	49
PZ260842	0.60	33	840	10	1	56	75
PZ260872	0.55	26	480	10	1	80	100
PZ260902	0.60	24	1160	9	1	34	44
PZ260932	0.55	29	680	9	1	37	45
PZ260962	0.50	28	310	10	1 L	33	41
PZ260992	0.60	33	290	11	1	38	50
PZ261024	0.50	32	210	11	1	33	44
PZ261064	0.40	34	160	11	1	22	26
PZ261082	0.45	33	410	12	1	35	44
PZ261112	0.45	32	270	10	1	33	39
PZ261142	0.45	30	440	10	1	18	21
PZ261172	0.50	28	180	10	1 L	23	29
PZ261202	0.55	30	70	11	1 L	90	97
PZ261236	0.60	33	420	12	1	34	46
PZ261262	0.50	31	110	11	1	54	61
PZ261285	0.55	31	84	11	1	41	44
PZ261316	0.45	31	47	11	1	40	46

Table 9.--continued

SAM_ID	ROCK NAME
PZ251022	Granite
PZ251052	Granite
PZ251082	Granodiorite
PZ251112	Granodiorite
PZ251140	Granodiorite
PZ251172	Granodiorite
PZ251202	Granodiorite
PZ251230	Granodiorite
PZ260012	Weathered limestone
PZ260042	Dolomite
PZ260072	Dolomite
PZ260090	Dolomite
PZ260102	Shaly limestone
PZ260132	Dolomite
PZ260162	Dolomite
PZ260170	Hornfels
PZ260202	Hornfels
PZ260232	Hornfels
PZ260262	Hornfels
PZ260305	Hornfels
PZ260322	Quartz monzonite
PZ260335	Hornfels
PZ260368	Quartz monzonite
PZ260392	Quartz monzonite
PZ260422	Quartz monzonite
PZ260452	Quartz monzonite
PZ260478	Quartz monzonite
PZ260512	Granite
PZ260542	Granite
PZ260572	Granite
PZ260602	Granite
PZ260632	Granite
PZ260662	Granite
PZ260704	Granite
PZ260722	Granite
PZ260748	Granite
PZ260782	Granite
PZ260812	Granite
PZ260842	Granite
PZ260872	Granite
PZ260902	Granite
PZ260932	Granite
PZ260962	Granite
PZ260992	Granite
PZ261024	Granite
PZ261064	Granite
PZ261082	Granite
PZ261112	Granite
PZ261142	Granite
PZ261172	Granite
PZ261202	Granite
PZ261236	Granite
PZ261262	Granite
PZ261285	Quartz monzonite
PZ261316	Granodiorite

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)		AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ270048	D525718	50	35	0	19	19 40	0.067 N	0.13	0.18	10 L 1.2
PZ270092	D525714	50	35	0	19	19 40	0.320	0.21	0.35	15 12.0
PZ270122	D525727	50	35	0	19	19 40	0.067 N	0.61	0.94	10 L 2.4
PZ270162	D525736	50	35	0	19	19 40	0.320	1.10	1.76	10 L 7.5
PZ270184	D525729	50	35	0	19	19 40	1.300	7.10	13.40	10 L 0.7 N
PZ270214	D525720	50	35	0	19	19 40	1.500	7.60	14.00	10 L 0.7 N
PZ270244	D525710	50	35	0	19	19 40	0.270	7.70	14.90	10 L 0.7 N
PZ270266	D525695	50	35	0	19	19 40	0.450	8.60	16.50	10 L 0.7 N
PZ270294	D525722	50	35	0	19	19 40	1.400	8.00	15.10	10 L 0.7 N
PZ270330	D525697	50	35	0	19	19 40	1.800	6.60	12.50	10 L 0.7 N
PZ270360	D525698	50	35	0	19	19 40	1.900	6.90	13.20	10 L 0.7 N
PZ270390	D525734	50	35	0	19	19 40	1.000	7.30	13.90	10 L 1.1
PZ270424	D525737	50	35	0	19	19 40	0.730	7.40	13.80	10 L 0.7 N
PZ270454	D525728	50	35	0	19	19 40	1.200	8.10	15.00	10 L 0.7 N
PZ270484	D525725	50	35	0	19	19 40	1.500	9.20	17.40	10 L 0.7 N
PZ270514	D525713	50	35	0	19	19 40	1.900	9.10	17.40	10 L 0.7 N
PZ270544	D525731	50	35	0	19	19 40	0.380	9.10	17.50	10 L 0.7 N
PZ270574	D525724	50	35	0	19	19 40	0.170	8.70	16.80	10 L 0.7 N
PZ270600	D525730	50	35	0	19	19 40	1.200	9.10	17.90	10 L 0.7 N
PZ270634	D525701	50	35	0	19	19 40	0.067 N	9.00	17.20	10 L 0.7 N
PZ270664	D525739	50	35	0	19	19 40	0.120	9.00	17.40	10 L 0.7 N
PZ270694	D525694	50	35	0	19	19 40	0.300	7.40	13.90	10 L 0.7 N
PZ270728	D525740	50	35	0	19	19 40	0.160	7.90	14.90	10 L 0.7 N
PZ270764	D525721	50	35	0	19	19 40	0.560	7.80	14.40	10 L 0.7 N
PZ270794	D525716	50	35	0	19	19 40	1.200	6.80	13.00	10 L 0.7 N
PZ270824	D525708	50	35	0	19	19 40	0.730	7.40	14.10	10 L 0.7 N
PZ270854	D525717	50	35	0	19	19 40	0.710	7.60	14.30	10 L 0.7 N
PZ270884	D525704	50	35	0	19	19 40	0.610	7.00	13.40	10 L 0.7 N
PZ270914	D525735	50	35	0	19	19 40	0.680	7.30	13.80	10 L 0.7 N
PZ270942	D525696	50	35	0	19	19 40	1.900	7.00	13.30	10 L 0.7 N
PZ270972	D525719	50	35	0	19	19 40	0.960	7.40	13.90	10 L 0.7 N
PZ271008	D525711	50	35	0	19	19 40	0.540	7.40	14.20	10 L 0.7 N
PZ271032	D525709	50	35	0	19	19 40	0.910	6.70	12.60	10 L 0.7 N
PZ271062	D525723	50	35	0	19	19 40	0.380	7.50	14.10	10 L 0.7 N
PZ271090	D525703	50	35	0	19	19 40	0.320	7.10	13.60	10 L 0.7 N
PZ271122	D525715	50	35	0	19	19 40	0.890	7.30	13.80	10 L 0.7 N
PZ271152	D525702	50	35	0	19	19 40	0.730	7.30	13.80	10 L 0.7 N
PZ271182	D525706	50	35	0	19	19 40	1.500	7.20	13.60	10 L 0.7 N
PZ271212	D525726	50	35	0	19	19 40	0.440	7.50	14.00	10 L 0.7 N
PZ271242	D525705	50	35	0	19	19 40	1.500	7.20	13.70	10 L 0.7 N
PZ271272	D525693	50	35	0	19	19 40	0.380	7.20	13.50	10 L 0.7 N
PZ271302	D525738	50	35	0	19	19 40	0.160	7.40	14.10	10 L 0.7 N
PZ271332	D525712	50	35	0	19	19 40	0.190	7.30	13.80	10 L 0.7 N
PZ271362	D525733	50	35	0	19	19 40	0.210	7.60	14.20	10 L 0.7 N
PZ280178	D566434	50	35	0	19	19 40	0.670 N	7.10	12.60	10 10.0 N
PZ280198	D557530	50	35	0	19	19 40	1.300	8.40	16.00	10 L 10.0 N
PZ280232	D557525	50	35	0	19	19 40	1.300	8.40	16.30	10 L 10.0 N
PZ280266	D557521	50	35	0	19	19 40	0.400	9.20	17.50	10 L 1.0 N
PZ280302	D557505	50	35	0	19	19 40	0.950	6.80	13.00	10 L 10.0 N
PZ280332	D557516	50	35	0	19	19 40	2.200	8.10	15.60	10 L 10.0 N
PZ280362	D557510	50	35	0	19	19 40	0.460	9.20	17.10	10 L 1.0 N
PZ280382	D557515	50	35	0	19	19 40	1.500	6.80	13.20	10 L 10.0 N
PZ280410	D557495	50	35	0	19	19 40	1.900	7.00	13.60	10 L 10.0 N
PZ280438	D557533	50	35	0	19	19 40	0.290	8.70	16.80	10 L 1.0 N
PZ280472	D557502	50	35	0	19	19 40	1.100	6.60	12.70	10 L 10.0 N

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CD_PPM_T
PZ270048	0.1	60	1 L	10 L	0.67 N	23.00	30.20	2 L
PZ270092	0.002 N	1800	1 L	10 L	2.30	22.00	30.10	2 L
PZ270122	0.002 N	520	1 L	10 L	0.67 N	37.00	50.20	2 L
PZ270162	0.002 N	1100	1 L	10 L	0.67 N	21.00	27.40	4
PZ270184	0.002 L	1100	3	10 L	2.60	0.46	0.60	5
PZ270214	0.002 N	590	3	10 L	1.30	1.00	1.29	2 L
PZ270244	0.002 N	620	5	10 L	0.67 N	0.67	0.91	2 L
PZ270266	0.002 N	610	4	10 L	0.67 N	0.71	0.97	2 L
PZ270294	0.002 N	600	4	10 L	7.30	0.69	0.92	2 L
PZ270330	0.002 N	610	3	10 L	6.40	0.93	1.26	2 L
PZ270360	0.002 N	690	3	10 L	0.67 N	0.96	1.31	2 L
PZ270390	0.002 N	680	3	10 L	7.60	0.74	0.98	2 L
PZ270424	0.002 N	720	3	10 L	5.50	1.50	1.88	2 L
PZ270454	0.002 N	570	4	24	25.00	0.71	0.83	2 L
PZ270484	0.002 N	560	3	10 L	2.90	0.58	0.77	2 L
PZ270514	0.002 N	520	4	10 L	0.67 N	0.37	0.50	2 L
PZ270544	0.002 N	510	3	10 L	0.67 N	0.63	0.85	2 L
PZ270574	0.002 N	480	3	10 L	0.67 N	0.62	0.84	2 L
PZ270600	0.002 N	650	3	10 L	0.67 N	0.71	0.95	2 L
PZ270634	0.002 N	470	5	10 L	0.67 N	0.76	1.04	2 L
PZ270664	0.002 N	560	3	10 L	0.67 N	0.73	0.99	2 L
PZ270694	0.002 N	380	4	10 L	0.67 N	1.30	1.73	2 L
PZ270728	0.002 N	350	5	10 L	0.67 N	1.60	2.21	2 L
PZ270764	0.002 N	710	4	10 L	0.67 N	1.40	1.86	2 L
PZ270794	0.002 N	630	4	10 L	0.67 N	1.10	1.51	2 L
PZ270824	0.002 L	680	4	10 L	0.67 N	1.30	1.77	2 L
PZ270854	0.002	710	4	10 L	0.67 N	1.30	1.74	2 L
PZ270884	0.002 N	660	4	10 L	0.67 N	1.20	1.62	2 L
PZ270914	0.002 N	680	4	10 L	0.67 N	1.40	1.82	2 L
PZ270942	0.002 L	680	3	10 L	2.20	1.20	1.59	2 L
PZ270972	0.002 N	700	4	10 L	0.67 N	1.40	1.85	2 L
PZ271008	0.002 N	640	4	10 L	0.67 N	1.40	1.88	2 L
PZ271032	0.002 N	630	4	10 L	0.67 N	1.20	1.57	2 L
PZ271062	0.002 N	710	4	10 L	0.67 N	1.40	1.88	2 L
PZ271090	0.002 N	660	3	10 L	0.71	1.30	1.71	2 L
PZ271122	0.002 N	780	3	10 L	6.40	1.30	1.60	2 L
PZ271152	0.002 N	680	3	10 L	2.20	1.30	1.74	2 L
PZ271182	0.002 N	660	3	10 L	3.80	1.20	1.68	2 L
PZ271212	0.002 N	720	4	10 L	0.67 N	1.40	1.88	2 L
PZ271242	0.002 N	670	4	29	38.00	1.40	1.90	2 L
PZ271272	0.002 N	1800	3	10 L	0.67 N	1.30	1.71	2 L
PZ271302	0.002 N	700	3	10 L	0.67 N	1.50	2.01	2 L
PZ271332	0.002 N	670	3	10 L	1.60	1.40	1.94	2 L
PZ271362	0.002 N	700	3	10 L	0.67 N	1.50	2.02	2 L
PZ280178	0.008 L	350	3	10 L	10.00 N	3.70	5.01	2 L
PZ280198	0.002 L	530	3	10 L	10.00 N	1.10	1.45	2 L
PZ280232	0.002	490	3	10 L	10.00 N	1.50	2.06	2 L
PZ280266	0.002 L	680	4	10 L	1.00 N	0.56	0.73	2 L
PZ280302	0.002 L	290	3	10 L	10.00 N	1.10	1.43	2 L
PZ280332	0.002 L	500	13	10 L	10.00 N	0.65	0.87	2 L
PZ280362	0.002 L	660	3	10 L	1.00 N	0.74	0.96	2 L
PZ280382	0.002 L	370	2	10 L	10.00 N	1.00	1.35	2 L
PZ280410	0.002 L	140	2	10 L	10.00 N	1.20	1.59	2 L
PZ280438	0.002 L	410	3	10 L	1.00 N	1.10	1.42	2 L
PZ280472	0.002	350	2	10 L	10.00 N	0.93	1.24	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ270048	0.080	4 L	2	2	6	2	0.44	0.61
PZ270092	1.800	4 L	2	3	4	2	1.40	1.77
PZ270122	0.130	4	2	7	21	20	0.33	0.45
PZ270162	2.900	16	4	11	66	55	0.89	1.21
PZ270184	4.100	72	10	51	980	810	2.50	3.46
PZ270214	0.760	100	15	61	880	660	3.30	4.50
PZ270244	0.050 N	64	11	43	510	440	3.20	4.61
PZ270266	0.059	83	15	55	620	510	3.90	5.64
PZ270294	0.300	62	14	49	1000	820	3.30	4.54
PZ270330	0.630	41	9	7	1900	1500	1.20	1.77
PZ270360	0.250	51	5	10	1700	1400	1.30	1.97
PZ270390	0.270	36	5	6	1200	1100	1.40	2.04
PZ270424	0.440	41	5	6	1100	850	1.30	1.81
PZ270454	0.063	76	10	34	480	370	3.10	4.27
PZ270484	0.330	85	15	52	230	190	3.90	5.46
PZ270514	1.400	65	14	37	360	280	3.80	5.40
PZ270544	0.050 N	72	19	53	48	32	4.50	6.31
PZ270574	0.050 N	73	19	61	200	170	4.60	6.54
PZ270600	0.480	69	14	43	330	270	3.50	5.06
PZ270634	0.050 N	80	17	61	77	54	4.60	6.55
PZ270664	0.050 N	73	19	68	160	110	5.00	7.07
PZ270694	0.050 N	57	19	110	620	520	4.00	5.78
PZ270728	0.050 N	56	16	130	430	340	3.90	5.62
PZ270764	0.052	53	4	7	1500	1100	1.20	1.73
PZ270794	0.170	38	3	4	1700	1300	0.97	1.41
PZ270824	0.140	41	4	5	1800	1300	1.30	2.00
PZ270854	0.140	40	4	7	1100	790	1.40	1.94
PZ270884	0.220	35	4	7	1300	920	1.30	1.97
PZ270914	0.068	45	5	6	1400	910	1.30	1.95
PZ270942	0.630	39	5	7	1900	1200	1.40	1.97
PZ270972	0.130	41	5	6	940	740	1.50	2.08
PZ271008	0.110	34	4	5	510	440	1.50	2.16
PZ271032	0.050 N	30	3	5	590	470	1.40	1.97
PZ271062	0.100	43	4	7	500	380	1.70	2.32
PZ271090	0.160	34	4	6	290	240	1.40	2.06
PZ271122	0.260	39	3	5	650	470	1.30	1.79
PZ271152	0.050 N	35	4	5	590	480	1.50	2.26
PZ271182	0.340	32	3	4	750	590	1.40	2.14
PZ271212	0.200	41	4	6	570	450	1.60	2.21
PZ271242	0.063	28	5	6	370	320	1.70	2.38
PZ271272	0.380	41	4	5	1500	1100	1.30	1.84
PZ271302	0.180	35	4	5	390	290	1.50	2.05
PZ271332	0.640	40	4	5	400	310	1.50	2.19
PZ271362	0.290	40	5	6	510	410	1.60	2.19
PZ280178	0.980	51	13	61	3500	2800	2.80	3.69
PZ280198	0.500 N	63	13	55	3700	3400	3.40	4.76
PZ280232	0.500 N	73	14	58	1900	1800	4.20	6.07
PZ280266	0.085	64	14	38	1100	1000	3.70	5.25
PZ280302	0.500 N	64	14	43	2200	2000	2.70	3.88
PZ280332	0.930	58	12	38	1900	1800	2.80	3.97
PZ280362	0.270	73	15	40	1100	980	3.70	5.16
PZ280382	0.500 N	39	6	5	4100	3900	1.50	2.15
PZ280410	0.640	35	6	9	9100	8200	2.20	2.96
PZ280438	0.120	81	19	81	520	460	4.90	7.00
PZ280472	0.830	34	6	8	2900	2800	1.30	1.78

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ270048	4 L	0.02 N	0.05	0.04	2 L	3	46.70	13.00
PZ270092	4 L	0.02 N	0.08	0.06	2 L	3	44.60	12.00
PZ270122	4 L	0.02	0.34	0.31	3	6	41.50	1.40
PZ270162	6	0.02	0.65	0.60	8	17	41.90	12.00
PZ270184	17	0.02	5.30	6.35	39	49	1.54	1.30
PZ270214	19	0.02	4.90	5.68	54	53	1.41	1.50
PZ270244	18	0.02 N	5.30	6.59	34	45	0.70	1.40
PZ270266	18	0.02 N	5.60	6.94	44	56	1.36	1.40
PZ270294	20	0.02	5.60	6.67	33	62	1.16	1.40
PZ270330	14	0.02 N	4.50	5.54	26	23	1.42	0.50
PZ270360	14	0.02 N	4.70	5.82	31	23	1.49	0.61
PZ270390	16	0.02	4.50	5.54	23	34	1.95	0.62
PZ270424	17	0.02	3.60	4.42	26	24	1.65	0.60
PZ270454	21	0.02	5.20	6.08	38	61	1.09	1.40
PZ270484	24	0.02	4.20	5.10	43	59	1.59	1.30
PZ270514	23	0.02 N	5.20	6.32	34	47	2.49	1.60
PZ270544	23	0.02 N	3.40	4.21	36	72	2.16	1.50
PZ270574	21	0.02	3.60	4.39	38	57	1.14	1.60
PZ270600	23	0.02	4.60	5.77	36	48	2.40	1.30
PZ270634	20	0.02 N	4.10	4.94	42	52	1.43	1.60
PZ270664	23	0.02	3.90	4.72	39	85	1.70	1.60
PZ270694	17	0.02 N	2.80	3.47	32	46	0.90	2.00
PZ270728	21	0.03	2.90	3.47	31	68	1.10	2.10
PZ270764	21	0.02	4.10	4.89	33	23	0.61	0.55
PZ270794	15	0.02 N	4.50	5.68	24	19	0.69	0.49
PZ270824	17	0.02 N	4.20	5.12	26	22	0.66	0.50
PZ270854	20	0.02 N	4.30	5.17	24	22	0.78	0.54
PZ270884	16	0.02 N	4.20	5.23	22	20	0.56	0.46
PZ270914	18	0.02	3.90	4.82	27	21	0.68	0.48
PZ270942	14	0.02 N	4.70	5.74	24	21	0.80	0.51
PZ270972	18	0.02	4.00	4.72	25	23	1.01	0.53
PZ271008	16	0.02 N	3.70	4.59	21	23	1.06	0.49
PZ271032	15	0.02 N	3.60	4.52	18	18	0.41	0.46
PZ271062	19	0.02	3.80	4.51	26	24	0.59	0.52
PZ271090	15	0.02 N	3.80	4.69	20	21	0.63	0.49
PZ271122	16	0.02 N	4.30	5.13	24	19	0.56	0.43
PZ271152	16	0.02 N	3.70	4.54	22	28	1.06	0.47
PZ271182	17	0.02 N	3.60	4.50	20	22	0.80	0.44
PZ271212	19	0.02	3.80	4.57	25	25	0.60	0.51
PZ271242	16	0.02 N	3.60	4.46	19	21	1.15	0.39
PZ271272	17	0.02 N	4.10	5.10	25	41	1.40	0.38
PZ271302	18	0.02	3.70	4.51	21	33	1.03	0.46
PZ271332	16	0.02 N	3.20	3.93	25	23	0.42	0.48
PZ271362	19	0.02	3.50	4.21	24	28	0.75	0.50
PZ280178	18	0.02 L	4.30	4.96	27	51	6.24	3.00
PZ280198	19	0.02 L	4.90	6.06	33	70	1.84	1.60
PZ280232	20	0.02 L	3.60	4.58	37	52	1.88	1.30
PZ280266	22	0.02 L	4.70	5.82	32	55	1.94	1.40
PZ280302	15	0.02 L	2.20	2.73	33	42	1.31	1.10
PZ280332	19	0.02 L	4.90	6.09	30	60	1.44	1.30
PZ280362	23	0.02 L	4.70	5.72	35	69	2.16	1.50
PZ280382	15	0.02 L	3.20	4.09	24	19	1.49	0.53
PZ280410	16	0.02 L	2.80	3.53	21	20	1.69	0.51
PZ280438	21	0.02 L	3.50	4.50	41	67	1.65	1.90
PZ280472	14	0.02 L	3.30	4.09	21	17	1.21	0.45

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ270048	20.90	1000	0.12	2 L	0.32	0.04	0.15 L	4 L
PZ270092	19.50	1800	0.21	2 L	0.71	0.04	0.15 L	4 L
PZ270122	1.95	810	0.09	2	1.20	0.03	0.15 L	4 L
PZ270162	18.30	2100	0.24	10	7.70	0.06	0.15 L	4 L
PZ270184	2.02	580	0.08	19	4.80	1.30	1.66	6
PZ270214	2.46	750	0.09	29	2.40	1.90	2.40	8
PZ270244	2.36	280	0.04	73	7.60	1.80	2.44	9
PZ270266	2.41	450	0.06	53	5.60	1.80	2.37	10
PZ270294	2.26	640	0.08	110	9.50	1.80	2.44	9
PZ270330	0.77	180	0.03	120	32.00	1.60	2.15	4 L
PZ270360	1.01	290	0.04	370	74.00	1.70	2.28	4 L
PZ270390	0.99	250	0.04	580	71.00	1.70	2.30	4
PZ270424	0.89	190	0.03	340	48.00	2.30	3.09	4
PZ270454	2.23	550	0.07	260	17.00	1.90	2.48	8
PZ270484	2.17	780	0.10	52	2.80	2.60	3.47	11
PZ270514	2.64	1400	0.18	140	6.80	1.80	2.44	15
PZ270544	2.45	880	0.12	7	1.30	2.40	3.19	10
PZ270574	2.66	770	0.11	61	5.40	3.00	4.09	11
PZ270600	2.26	810	0.11	480	31.00	2.40	3.26	8
PZ270634	2.72	750	0.10	160	5.80	2.40	3.23	13
PZ270664	2.70	810	0.11	78	4.80	2.50	3.41	10
PZ270694	3.33	870	0.12	81	8.40	2.60	3.38	13
PZ270728	3.44	540	0.07	55	5.30	2.30	2.98	12
PZ270764	0.85	130	0.02	160	23.00	2.50	3.26	6
PZ270794	0.78	130	0.02	300	49.00	1.80	2.46	5
PZ270824	0.84	180	0.03	63	24.00	2.20	3.07	6
PZ270854	0.83	180	0.03	64	27.00	2.40	3.09	7
PZ270884	0.78	200	0.03	120	22.00	2.00	2.79	6
PZ270914	0.80	180	0.03	410	48.00	2.30	3.04	7
PZ270942	0.79	230	0.03	160	72.00	1.90	2.53	9
PZ270972	0.79	210	0.03	180	36.00	2.40	3.11	6
PZ271008	0.79	230	0.04	250	30.00	2.40	3.27	7
PZ271032	0.76	180	0.03	360	49.00	2.00	2.73	7
PZ271062	0.81	230	0.04	140	22.00	2.50	3.26	8
PZ271090	0.80	220	0.04	190	30.00	2.20	2.99	7
PZ271122	0.63	190	0.03	110	11.00	2.30	3.01	8
PZ271152	0.73	240	0.04	370	30.00	2.50	3.31	5
PZ271182	0.72	180	0.03	190	18.00	2.20	2.94	7
PZ271212	0.78	250	0.04	260	30.00	2.40	3.10	8
PZ271242	0.65	250	0.04	160	18.00	2.50	3.28	8
PZ271272	0.62	410	0.06	140	6.30	1.90	2.54	7
PZ271302	0.73	280	0.04	20	2.70	2.50	3.32	7
PZ271332	0.79	250	0.04	66	6.10	2.50	3.39	9
PZ271362	0.78	280	0.04	10	1.40	2.50	3.40	9
PZ280178	4.74	1000	0.13	34	2.40	1.80	2.15	13
PZ280198	2.58	320	0.04	47	6.30	1.80	2.24	13
PZ280232	2.25	530	0.07	11	2.50	1.90	2.47	17
PZ280266	2.36	370	0.05	13	1.30	1.90	2.48	16
PZ280302	1.86	350	0.05	8	2.00	2.80	3.71	7
PZ280332	2.26	270	0.04	100	11.00	1.70	2.17	12
PZ280362	2.51	380	0.05	7	0.72	1.40	1.71	14
PZ280382	0.89	240	0.03	36	7.50	2.10	2.78	7
PZ280410	0.85	250	0.04	83	9.60	2.50	3.31	8
PZ280438	3.26	600	0.08	13	0.77	1.90	2.50	18
PZ280472	0.74	160	0.03	47	6.90	2.20	2.95	5

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ270048	5	2 L	0.005 L	0.05 L	19	20.0	0.06	0.7 N
PZ270092	8	4	0.007	0.05 L	42	34.0	0.51	0.7
PZ270122	9	5	0.020	0.05 L	5	6.3	0.10	0.7 N
PZ270162	10	8	0.020	0.05	160	140.0	0.27	0.8
PZ270184	29	23	0.050	0.13	100	110.0	0.21	0.7 N
PZ270214	48	25	0.250	0.52	23	28.0	0.40	0.7 N
PZ270244	32	23	0.050	0.13	6	2.4	0.22	0.7 N
PZ270266	39	28	0.110	0.25	16	11.0	0.30	0.7 N
PZ270294	30	24	0.050	0.12	19	19.0	0.42	0.7 N
PZ270330	18	5	0.050	0.12	41	31.0	0.50	0.7 N
PZ270360	22	6	0.060	0.14	43	21.0	0.37	1.5
PZ270390	16	4	0.050	0.14	34	34.0	0.44	0.9
PZ270424	17	3	0.060	0.14	24	20.0	0.56	0.7 N
PZ270454	35	17	0.050	0.14	13	9.3	0.41	0.7 N
PZ270484	39	26	0.100	0.23	36	39.0	0.32	0.7 N
PZ270514	30	26	0.060	0.14	73	75.0	0.82	0.7 N
PZ270544	34	28	0.070	0.18	10	6.1	0.07	0.7 N
PZ270574	34	31	0.070	0.17	7	1.7	0.10	0.7 N
PZ270600	32	24	0.060	0.16	19	15.0	0.62	0.7 N
PZ270634	40	30	0.140	0.32	14	11.0	0.05	0.7 N
PZ270664	35	33	0.120	0.29	8	2.0	0.15	0.7 N
PZ270694	26	41	0.040	0.11	11	1.8	0.20	0.7 N
PZ270728	25	40	0.050	0.12	6	2.9	0.12	0.7 N
PZ270764	23	3	0.050	0.13	15	4.5	0.28	0.7 N
PZ270794	16	3	0.050	0.13	26	5.5	0.32	0.7 N
PZ270824	16	3	0.050	0.12	25	8.6	0.36	0.7 N
PZ270854	17	3	0.050	0.13	23	7.8	0.26	0.7 N
PZ270884	16	3	0.050	0.12	22	9.3	0.31	0.7 N
PZ270914	17	3	0.050	0.12	17	4.0	0.34	0.7 N
PZ270942	17	2	0.050	0.12	45	12.0	0.47	10.0
PZ270972	17	3	0.050	0.12	21	9.8	0.25	0.7 N
PZ271008	15	3	0.050	0.12	18	6.1	0.24	0.7 N
PZ271032	13	2	0.040	0.11	21	2.7	0.23	0.8
PZ271062	19	3	0.050	0.12	16	5.2	0.27	0.7 N
PZ271090	15	2	0.050	0.12	35	5.8	0.22	3.8
PZ271122	15	2	0.040	0.10	23	8.6	0.25	0.7 N
PZ271152	16	3	0.050	0.12	15	4.6	0.40	0.7 N
PZ271182	14	2 L	0.050	0.12	28	17.0	0.33	0.7 N
PZ271212	18	3	0.050	0.12	14	7.1	0.13	0.7 N
PZ271242	12	3	0.050	0.13	29	26.0	0.16	0.7 N
PZ271272	17	3	0.050	0.12	81	80.0	0.36	0.7
PZ271302	14	2	0.050	0.13	38	33.0	0.15	0.7 N
PZ271332	18	2	0.050	0.12	26	18.0	0.16	0.7 N
PZ271362	16	3	0.050	0.13	17	10.0	0.17	0.7 N
PZ280178	24	26	0.110	0.24	28	28.0	0.64	10.0 N
PZ280198	31	28	0.150	0.31	25	31.0	0.77	10.0 N
PZ280232	36	25	0.160	0.35	8	15.0	0.53	10.0 N
PZ280266	31	23	0.080	0.18	11	4.2	0.60	1.0 N
PZ280302	30	20	0.100	0.23	13	15.0	0.98	10.0 N
PZ280332	28	22	0.080	0.18	41	30.0	0.77	10.0 N
PZ280362	36	23	0.080	0.18	10	4.1	0.70	1.0 N
PZ280382	17	3	0.050	0.11	17	21.0	0.83	10.0 N
PZ280410	15	6	0.070	0.11	13	21.0	1.31	10.0 N
PZ280438	40	34	0.110	0.26	5	3.3	0.32	1.0 N
PZ280472	14	5	0.050	0.11	27	25.0	0.65	10.0 N

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ270048	2 L	1.07	5 L	76	0.05 N	4 L	0.005 L	0.02 L
PZ270092	2 L	1.65	5 L	120	0.10	4 L	0.009	0.02 L
PZ270122	2 L	3.71	5 L	850	0.05	4 L	0.020	0.03
PZ270162	2 L	7.31	5 L	2900	0.05 N	4 L	0.040	0.07
PZ270184	13	68.30	5 L	430	0.25	10	0.260	0.80
PZ270214	15	65.40	5 L	130	0.10	9	0.360	0.80
PZ270244	16	65.40	5 L	110	0.30	10	0.340	0.74
PZ270266	18	61.40	5 L	120	0.10	10	0.400	0.83
PZ270294	16	64.50	5 L	140	0.15	11	0.350	0.74
PZ270330	4	72.10	5 L	510	0.05	8	0.070	0.35
PZ270360	5	70.30	5 L	250	0.05 N	10	0.110	0.39
PZ270390	4	70.10	5 L	260	0.30	10	0.070	0.38
PZ270424	4	70.40	5 L	350	0.30	9	0.090	0.38
PZ270454	14	65.60	5 L	150	0.90	9	0.320	0.67
PZ270484	17	61.60	5 L	140	0.25	11	0.330	0.74
PZ270514	16	60.50	5 L	140	0.15	18	0.250	0.72
PZ270544	18	61.50	5 L	110	0.05 N	12	0.410	0.80
PZ270574	19	61.40	5 L	140	0.05	11	0.450	0.82
PZ270600	17	60.10	5 L	150	0.10	12	0.260	0.83
PZ270634	20	60.50	5 L	140	0.05	12	0.430	0.82
PZ270664	19	59.80	5 L	120	0.25	10	0.460	0.91
PZ270694	18	64.50	5 L	150	0.10	8	0.550	1.05
PZ270728	20	63.80	5 L	300	0.05	10	0.600	1.17
PZ270764	5	70.40	5 L	380	0.10	11	0.170	0.36
PZ270794	4	71.90	5 L	320	0.15	9	0.110	0.36
PZ270824	5	70.50	5 L	340	0.05	6	0.150	0.37
PZ270854	5	70.20	5 L	360	0.10	8	0.180	0.35
PZ270884	5	71.80	5 L	320	0.05	7	0.150	0.34
PZ270914	5	71.30	5 L	360	0.05	7	0.170	0.35
PZ270942	5	70.90	5 L	290	0.05	8	0.150	0.34
PZ270972	4	70.50	5 L	350	0.05	8	0.130	0.35
PZ271008	4	70.00	5 L	320	0.05	8	0.130	0.35
PZ271032	4	73.50	5 L	320	0.05 N	8	0.150	0.33
PZ271062	5	70.70	5 L	380	0.05	10	0.210	0.35
PZ271090	4	71.60	5 L	360	0.05 N	8	0.160	0.35
PZ271122	4	71.80	5 L	350	0.10	8	0.150	0.27
PZ271152	4	70.60	5 L	290	0.05	7	0.120	0.33
PZ271182	4	71.60	5 L	340	0.95	8	0.150	0.32
PZ271212	5	71.30	5 L	360	0.05 N	8	0.170	0.34
PZ271242	4	70.50	5 L	340	0.05 N	8	0.140	0.35
PZ271272	4	70.50	5 L	550	0.05 N	8	0.120	0.34
PZ271302	4	70.90	5 L	320	0.05 N	7	0.160	0.34
PZ271332	5	71.70	5 L	380	0.05 N	9	0.180	0.34
PZ271362	5	71.00	5 L	370	0.05	8	0.210	0.34
PZ280178	14	56.00	5 L	150	0.20	9	0.270	0.73
PZ280198	18	62.00	6	370	0.10 L	9	0.320	0.85
PZ280232	20	61.70	5 L	130	0.10 L	8	0.480	0.92
PZ280266	17	61.60	5 L	100	0.10 L	10	0.380	0.74
PZ280302	13	69.70	5 L	170	0.30	7	0.280	0.70
PZ280332	17	65.10	5 L	150	0.10	8	0.290	0.76
PZ280362	18	62.40	5 L	130	0.20	11	0.410	0.81
PZ280382	5	70.90	5 L	190	0.10	7	0.130	0.33
PZ280410	5	69.00	6	210	0.10 L	7	0.120	0.34
PZ280438	20	60.60	5 L	110	0.10 L	10	0.570	1.07
PZ280472	4	72.50	5 L	590	0.10	7	0.090	0.29

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ270048	0.50	16	1	2 L	1 L	54	54
PZ270092	0.45	6	1 N	2 L	1 L	200	210
PZ270122	0.20	13	2	2 L	1 L	55	47
PZ270162	0.35	28	4	8	1 L	360	280
PZ270184	1.00	100	30	17	2	420	330
PZ270214	1.20	100	28	27	2	86	81
PZ270244	1.20	89	30	20	3	24	26
PZ270266	1.10	100	73	22	2	37	40
PZ270294	1.40	88	24	17	2	87	81
PZ270330	0.85	30	150	10	1	83	78
PZ270360	1.10	36	170	12	1	37	40
PZ270390	0.70	32	52	9	1	83	72
PZ270424	0.60	37	33	10	1	71	70
PZ270454	1.10	75	17	14	2	48	44
PZ270484	0.95	90	13	19	2	76	74
PZ270514	1.50	92	20	23	3	190	180
PZ270544	0.85	98	8	15	2	71	69
PZ270574	0.90	100	9	13	1	64	61
PZ270600	1.00	92	20	17	2	95	95
PZ270634	0.75	110	9	21	2	49	50
PZ270664	0.85	110	10	17	2	69	68
PZ270694	0.85	120	190	14	1	49	50
PZ270728	1.00	150	57	14	2	58	57
PZ270764	0.60	34	48	11	1	9	10
PZ270794	0.60	28	160	9	1	28	32
PZ270824	0.60	31	150	11	1	43	44
PZ270854	0.60	34	58	12	1	36	35
PZ270884	0.55	31	160	10	1	34	39
PZ270914	0.50	31	66	11	1	19	21
PZ270942	0.70	33	190	12	1	94	97
PZ270972	0.55	32	64	11	1	37	36
PZ271008	0.70	33	130	10	1	34	35
PZ271032	0.60	30	150	10	1	20	25
PZ271062	0.50	37	80	11	1	29	30
PZ271090	0.60	31	400	10	1	27	38
PZ271122	0.65	28	98	10	1	43	47
PZ271152	0.70	32	110	10	1	26	26
PZ271182	0.60	31	130	10	1 L	58	63
PZ271212	0.50	34	45	11	1	39	39
PZ271242	0.60	33	98	10	1	30	30
PZ271272	0.65	30	120	11	1	77	76
PZ271302	0.50	31	21	10	1	47	45
PZ271332	0.75	30	23	11	1	73	77
PZ271362	0.60	34	22	11	1	51	60
PZ280178	1.60	98	97	15	2	430	360
PZ280198	1.30	110	100	23	3	47	53
PZ280232	1.20	120	63	23	3	29	31
PZ280266	1.20	91	22	22	3	47	49
PZ280302	0.80	80	75	21	2	46	52
PZ280332	1.30	96	100	17	2	150	170
PZ280362	1.40	99	47	23	3	83	86
PZ280382	1.20	39	74	10	1 L	54	50
PZ280410	1.10	39	50	10	1 L	67	55
PZ280438	1.40	130	16	20	2	69	70
PZ280472	0.85	35	190	8	1 L	140	150

Table 9.--continued

SAM_ID	ROCK NAME
PZ270048	Limestone
PZ270092	Limestone
PZ270122	Limestone
PZ270162	Calcareous mudstone
PZ270184	Hornfels
PZ270214	Hornfels
PZ270244	Hornfels
PZ270266	Hornfels
PZ270294	Hornfels
PZ270330	Granodiorite
PZ270360	Granodiorite
PZ270390	Granodiorite
PZ270424	Granodiorite
PZ270454	Hornfels
PZ270484	Hornfels
PZ270514	Hornfels
PZ270544	Hornfels
PZ270574	Hornfels
PZ270600	Hornfels
PZ270634	Hornfels
PZ270664	Hornfels
PZ270694	Hornfels
PZ270728	Hornfels
PZ270764	Granodiorite
PZ270794	Granodiorite
PZ270824	Granite
PZ270854	Granite
PZ270884	Granite
PZ270914	Granite
PZ270942	Granite
PZ270972	Granite
PZ271008	Granite
PZ271032	Granite
PZ271062	Granite
PZ271090	Granite
PZ271122	Granite
PZ271152	Granite
PZ271182	Granite
PZ271212	Granite
PZ271242	Granite
PZ271272	Granite
PZ271302	Granite
PZ271332	Granite
PZ271362	Granite
PZ280178	Hornfels
PZ280198	Hornfels
PZ280232	Hornfels
PZ280266	Hornfels
PZ280302	Hornfels
PZ280332	Hornfels
PZ280362	Hornfels
PZ280382	Quartz monzonite porphyry
PZ280410	Quartz monzonite porphyry
PZ280438	Hornfels
PZ280472	Quartz monzonite porphyry

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)		AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ280500	D557527	50	35	0	19 19	40	1.000	6.80	13.00	10 L 10.0 N
PZ280534	D557520	50	35	0	19 19	40	1.500	9.20	17.40	10 L 10.0 N
PZ280568	D557518	50	35	0	19 19	40	3.100	6.60	13.00	11 10.0 N
PZ280604	D557522	50	35	0	19 19	40	0.570	9.50	18.10	10 L 1.0 N
PZ280638	D557508	50	35	0	19 19	40	0.690	8.60	16.60	10 L 1.0 N
PZ280672	D557498	50	35	0	19 19	40	0.740	7.50	14.40	10 L 1.0 N
PZ280702	D557501	50	35	0	19 19	40	0.310	7.40	14.20	10 L 1.0 N
PZ280732	D557506	50	35	0	19 19	40	0.490	8.20	15.80	10 L 1.1
PZ280758	D557509	50	35	0	19 19	40	0.220	8.70	17.00	10 L 1.0 N
PZ280788	D557524	50	35	0	19 19	40	0.610	9.00	17.10	10 L 1.5
PZ280825	D557512	50	35	0	19 19	40	0.430	7.40	14.10	10 L 1.0 N
PZ280858	D557526	50	35	0	19 19	40	0.110	9.30	18.00	10 L 1.0 N
PZ280888	D557514	50	35	0	19 19	40	0.090	8.80	16.90	10 L 1.0 N
PZ280924	D557519	50	35	0	19 19	40	0.310	7.80	15.10	10 1.2
PZ280948	D557532	50	35	0	19 19	40	1.300	8.00	15.40	10 L 1.2
PZ280978	D557496	50	35	0	19 19	40	0.160	6.80	12.70	10 L 1.0 N
PZ281008	D557511	50	35	0	19 19	40	0.230	7.20	13.40	10 L 1.0 N
PZ281038	D557531	50	35	0	19 19	40	0.380	8.00	15.50	10 L 1.0 N
PZ281075	D557529	50	35	0	19 19	40	0.097	7.40	14.00	10 L 1.0 N
PZ281102	D557503	50	35	0	19 19	40	0.300	7.50	14.40	10 L 1.0 N
PZ281134	D557504	50	35	0	19 19	40	0.470	7.40	14.40	10 L 1.0 N
PZ281162	D557513	50	35	0	19 19	40	0.850	7.90	15.00	10 L 1.0 N
PZ281190	D557499	50	35	0	19 19	40	1.400	7.00	13.70	10 L 1.0 N
PZ281224	D557507	50	35	0	19 19	40	2.900	7.20	13.80	10 L 1.0 N
PZ281248	D557517	50	35	0	19 19	40	0.270	7.80	14.90	10 L 1.0 N
PZ290010	D557631	50	35	0	19 19	40	0.067 N	6.80	12.20	10 L 2.9
PZ290040	D557622	50	35	0	19 19	40	0.067 N	0.34	0.61	10 L 1.7
PZ290070	D557630	50	35	0	19 19	40	0.210	0.07	0.15	10 L 3.2
PZ290091	D557634	50	35	0	19 19	40	0.067 N	0.23	0.41	10 L 4.6
PZ290100	D557624	50	35	0	19 19	40	0.067 N	1.20	1.96	11 6.3
PZ290128	D557632	50	35	0	19 19	40	0.067 N	0.58	0.95	10 L 6.2
PZ290155	D557625	50	35	0	19 19	40	0.093	1.40	2.38	12 11.0
PZ290175	D557656	50	35	0	19 19	40	0.360	7.70	15.20	10 L 1.0 N
PZ290208	D557642	50	35	0	19 19	40	1.300	8.10	16.10	10 1.0 N
PZ290242	D557668	50	35	0	19 19	40	1.000	7.80	15.30	10 L 1.0 N
PZ290272	D557669	50	35	0	19 19	40	0.510	7.00	13.80	10 L 1.0 N
PZ290295	D557652	50	35	0	19 19	40	1.900	7.10	14.00	10 L 1.0 N
PZ290328	D557655	50	35	0	19 19	40	0.360	6.50	12.80	10 L 1.0 N
PZ290362	D557661	50	35	0	19 19	40	0.067 N	7.30	14.40	10 L 1.0 N
PZ290392	D557650	50	35	0	19 19	40	0.250	5.90	11.30	10 L 1.0 N
PZ290422	D557660	50	35	0	19 19	40	0.150	5.40	10.50	10 L 1.0 N
PZ290452	D557643	50	35	0	19 19	40	1.100	6.70	13.10	10 L 1.0 N
PZ290485	D557648	50	35	0	19 19	40	1.300	6.00	11.70	10 L 1.0 N
PZ290512	D557639	50	35	0	19 19	40	0.110	6.80	13.30	10 L 1.0 N
PZ290542	D557647	50	35	0	19 19	40	0.760	5.30	10.20	10 L 1.0 N
PZ290570	D557654	50	35	0	19 19	40	1.300	6.40	12.60	10 L 10.0 N
PZ290600	D557653	50	35	0	19 19	40	0.460	6.30	12.40	10 L 1.0 N
PZ290632	D557649	50	35	0	19 19	40	1.600	6.10	11.70	10 L 10.0 N
PZ290662	D557666	50	35	0	19 19	40	3.600	5.70	11.00	10 L 10.0 N
PZ290700	D557667	50	35	0	19 19	40	1.800	4.90	9.57	10 L 10.0 N
PZ290725	D557665	50	35	0	19 19	40	2.400	4.70	9.16	10 L 10.0 N
PZ290752	D557651	50	35	0	19 19	40	0.630	6.60	12.80	10 L 1.0 N
PZ290782	D557664	50	35	0	19 19	40	3.300	6.40	12.10	10 L 1.0 N
PZ290812	D557657	50	35	0	19 19	40	1.100	6.90	13.50	10 L 1.0 N
PZ290850	D557641	50	35	0	19 19	40	0.420	6.50	12.70	10 L 1.0 N

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CO_PPM_T
PZ280500	0.002	400	3	10 L	10.00 N	0.81	1.11	2 L
PZ280534	0.004	620	4	280	290.00	0.58	0.76	2 L
PZ280568	0.004	390	5	10 L	10.00 N	0.49	0.66	2 L
PZ280604	0.002 L	590	4	10 L	1.00 N	0.72	0.96	2 L
PZ280638	0.002 L	500	3	10 L	1.00 N	0.85	1.16	2 L
PZ280672	0.002 L	310	3	10 L	1.00 N	1.30	1.87	2 L
PZ280702	0.002 L	380	3	10 L	1.00 N	2.00	2.81	2 L
PZ280732	0.002 L	410	3	10 L	1.00 N	0.83	1.14	2 L
PZ280758	0.002 L	560	9	10 L	1.00 N	0.49	0.67	2 L
PZ280788	0.002 L	630	3	10 L	1.00 N	0.58	0.77	2 L
PZ280825	0.002 L	780	3	10 L	1.00 N	1.10	1.53	2 L
PZ280858	0.002 L	650	4	10 L	1.00 N	0.58	0.79	2 L
PZ280888	0.002 L	560	8	10 L	1.70	0.91	1.24	6
PZ280924	0.002 L	490	13	10 L	1.00 N	0.58	0.79	2 L
PZ280948	0.002 L	330	4	10 L	1.00 N	1.40	1.88	2 L
PZ280978	0.002 L	280	3	10 L	1.00 N	1.70	2.34	2
PZ281008	0.002 L	260	4	10 L	1.50	1.80	2.50	2 L
PZ281038	0.002 L	750	3	10 L	1.00 N	0.60	0.82	2 L
PZ281075	0.002 L	340	7	10 L	1.00 N	1.30	1.78	2 L
PZ281102	0.002 L	700	5	10 L	1.30	1.40	1.85	2 L
PZ281134	0.002 L	690	3	10 L	1.00 N	1.50	2.01	2 L
PZ281162	0.002 L	760	3	10 L	1.00	1.60	2.15	2 L
PZ281190	0.002 L	680	3	10 L	1.00 N	1.30	1.79	2 L
PZ281224	0.002 L	680	3	10 L	1.00 N	1.30	1.70	2 L
PZ281248	0.002 L	770	3	10 L	1.00	1.60	2.11	2 L
PZ290010	0.002 L	470	2	10 L	1.00 N	8.20	11.30	2 L
PZ290040	0.002 L	15	1 L	10 L	1.00 N	22.00	29.90	2 L
PZ290070	0.002 L	11	1 L	10 L	1.00 N	22.00	30.20	2 L
PZ290091	0.002 L	170	1 L	10 L	1.00 N	22.00	30.20	3
PZ290100	0.002 L	41	1 L	10 L	1.00 N	35.00	49.10	2 L
PZ290128	0.002 L	280	1 L	10 L	1.00 N	34.00	46.90	2 L
PZ290155	0.002 L	550	1	10 L	1.00 N	19.00	26.00	2 L
PZ290175	0.002 L	450	3	10 L	1.20	0.54	0.74	2 L
PZ290208	0.002 L	600	4	10 L	2.90	0.37	0.52	2 L
PZ290242	0.002 L	540	3	10 L	3.00	0.83	1.15	2 L
PZ290272	0.002 L	420	3	10 L	1.00 N	0.52	0.73	2 L
PZ290295	0.002 L	600	2	10 L	1.30	0.28	0.39	2 L
PZ290328	0.002 L	490	20	10 L	1.00 N	0.59	0.81	2 L
PZ290362	0.002 L	460	3	10 L	1.00 N	0.63	0.88	2 L
PZ290392	0.002 L	680	3	10 L	2.70	1.00	1.39	2 L
PZ290422	0.002 L	520	2	10 L	1.00 N	1.00	1.41	2 L
PZ290452	0.002 L	670	3	10 L	4.90	0.96	1.32	2 L
PZ290485	0.002 L	540	3	12	12.00	0.98	1.33	2 L
PZ290512	0.002	630	3	16	1.00 N	1.10	1.56	2 L
PZ290542	0.002 L	500	3	10 L	2.00	0.74	1.00	2 L
PZ290570	0.002	580	3	10 L	10.00 N	0.90	1.23	2 L
PZ290600	0.002	610	3	10 L	1.00 N	0.92	1.26	2 L
PZ290632	0.002	580	3	10 L	10.00 N	0.77	1.03	2 L
PZ290662	0.004	270	3	13	14.00	0.80	1.09	2 L
PZ290700	0.002	450	3	10 L	10.00 N	0.52	0.71	2 L
PZ290725	0.002 L	390	2	10 L	10.00 N	0.59	0.81	2 L
PZ290752	0.002 L	600	3	10 L	1.00 N	0.93	1.26	2 L
PZ290782	0.002 L	410	3	18	1.00 N	0.81	1.07	2 L
PZ290812	0.002	650	4	10 L	1.10	1.10	1.56	2 L
PZ290850	0.002 L	610	4	10 L	1.00 N	1.00	1.38	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ280500	0.560	48	16	110	2800	2700	3.80	5.65
PZ280534	0.620	69	20	70	3800	3500	4.30	6.04
PZ280568	0.500 N	50	16	63	4600	4100	3.40	4.88
PZ280604	0.190	82	18	70	770	720	5.00	6.98
PZ280638	0.170	75	23	56	1000	980	4.50	6.52
PZ280672	0.170	61	20	110	1000	940	4.30	6.21
PZ280702	0.079	73	16	85	480	450	4.00	5.85
PZ280732	0.230	56	19	76	1100	960	4.30	6.14
PZ280758	0.240	78	18	57	300	290	4.10	5.98
PZ280788	0.470	73	18	56	800	720	4.40	6.13
PZ280825	0.210	34	10	5	710	640	1.50	2.08
PZ280858	0.230	80	18	61	140	130	4.70	6.71
PZ280888	7.100	83	16	60	130	130	4.60	6.45
PZ280924	0.380	57	18	43	130	140	3.80	5.49
PZ280948	0.480	86	15	80	430	420	4.00	5.83
PZ280978	2.100	48	20	120	740	670	4.00	5.66
PZ281008	1.400	68	23	120	350	330	4.50	6.41
PZ281038	0.220	53	20	70	760	720	4.60	6.48
PZ281075	0.310	60	20	120	100	94	4.40	6.13
PZ281102	0.150	42	3	5	380	360	0.98	1.39
PZ281134	0.220	33	4	5	610	590	1.40	2.05
PZ281162	0.230	44	5	6	580	560	1.50	2.16
PZ281190	1.100	37	5	5	1500	1400	1.40	2.05
PZ281224	0.400	40	4	4	870	810	1.30	1.87
PZ281248	0.260	36	5	5	450	400	1.60	2.27
PZ290010	0.050 N	59	9	65	6	2	3.10	4.34
PZ290040	0.050 N	4 L	2	6	4	1	0.36	0.50
PZ290070	0.088	4 L	2	1	2	1	0.52	0.70
PZ290091	1.800	4 L	2	4	1	1	1.40	1.90
PZ290100	0.050 N	7	3	15	5	3	0.39	0.55
PZ290128	0.690	6	2	7	6	5	0.43	0.60
PZ290155	1.500	11	4	16	10	7	0.85	1.18
PZ290175	0.074	58	12	42	490	440	3.40	5.07
PZ290208	0.330	67	11	39	590	570	3.30	4.90
PZ290242	0.280	61	13	52	450	400	3.40	4.91
PZ290272	0.110	65	11	43	380	360	3.10	4.48
PZ290295	0.350	57	10	32	380	360	2.90	4.28
PZ290328	0.050 N	62	9	34	380	360	2.50	3.74
PZ290362	0.050 N	61	13	47	170	150	3.30	4.80
PZ290392	0.420	31	3	4	310	290	0.80	1.25
PZ290422	0.210	25	2	4	230	210	0.71	1.07
PZ290452	0.670	35	4	4	720	690	1.00	1.55
PZ290485	0.600	36	2	4	1800	1500	1.10	1.69
PZ290512	0.050 N	46	3	4	1900	1600 G	1.30	1.85
PZ290542	0.140	31	2	4	990	910	0.76	1.13
PZ290570	0.500 N	38	4	3	2200	2000	1.00	1.55
PZ290600	0.096	36	2	4	1600	1400	1.00	1.56
PZ290632	0.500 N	40	3	5	2800	2600	1.10	1.70
PZ290662	0.620	28	4	4	4300	4100	1.10	1.55
PZ290700	0.500 N	29	3	4	360	3500	1.10	1.57
PZ290725	0.500 N	26	1	4	3400	3200	0.96	1.37
PZ290752	0.110	29	3	4	1300	1200	1.20	1.83
PZ290782	0.390	38	4	4	3000	1600 G	1.30	1.82
PZ290812	0.058	41	4	4	880	800	1.40	2.07
PZ290850	0.050 N	32	3	5	610	580	1.20	1.76

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ280500	18	0.02 L	3.50	4.41	25	65	1.22	2.10
PZ280534	22	0.02	4.90	6.12	35	51	2.07	1.70
PZ280568	17	0.02 L	3.90	5.01	26	57	1.98	1.60
PZ280604	23	0.02 L	4.60	5.71	42	64	2.03	1.80
PZ280638	21	0.02 L	3.80	4.80	37	71	1.75	1.60
PZ280672	18	0.02 L	2.40	3.03	30	61	0.75	1.90
PZ280702	19	0.02 L	2.50	3.09	37	50	1.39	1.80
PZ280732	20	0.02 L	3.40	4.26	29	51	1.71	1.80
PZ280758	21	0.02 L	4.90	6.28	40	49	1.46	1.60
PZ280788	23	0.02 L	4.70	5.79	37	51	1.72	1.60
PZ280825	15	0.02 L	2.90	3.66	21	22	0.97	0.58
PZ280858	21	0.02 L	4.50	5.71	41	42	1.66	1.70
PZ280888	21	0.02 L	5.50	6.77	43	41	1.48	1.50
PZ280924	18	0.02 L	4.20	5.39	29	58	1.62	1.30
PZ280948	19	0.02	3.80	4.83	46	85	1.17	2.10
PZ280978	16	0.02 L	2.90	3.42	24	79	1.55	2.00
PZ281008	17	0.02	2.70	3.33	34	55	1.31	2.50
PZ281038	19	0.02 L	4.10	5.19	27	50	1.35	1.70
PZ281075	19	0.02 L	2.70	3.28	31	59	0.94	2.10
PZ281102	18	0.02 L	3.90	4.86	26	27	0.71	0.56
PZ281134	17	0.02 L	3.20	4.05	20	23	0.80	0.52
PZ281162	19	0.02 L	3.50	4.34	26	26	0.65	0.56
PZ281190	16	0.02 L	3.50	4.49	23	25	0.72	0.52
PZ281224	17	0.02 L	3.80	4.78	24	25	0.91	0.51
PZ281248	19	0.02 L	3.50	4.40	22	29	0.65	0.55
PZ290010	16	0.02 L	3.00	3.33	31	39	13.10	0.85
PZ290040	4 L	0.02 L	0.12	0.10	2 L	6	45.70	12.00
PZ290070	4 L	0.02 L	0.03	0.02 L	2 L	3	47.00	12.00
PZ290091	4 L	0.02 L	0.06	0.04	2 L	4	45.40	11.00
PZ290100	4 L	0.02 L	0.37	0.35	5	9	40.20	0.92
PZ290128	4 L	0.02 L	0.29	0.26	3	6	42.30	3.40
PZ290155	4	0.02 L	0.90	0.86	6	28	40.20	10.00
PZ290175	18	0.02 L	4.80	6.19	30	61	1.18	1.40
PZ290208	20	0.02 L	5.40	6.81	34	63	1.32	1.30
PZ290242	19	0.02 L	4.20	5.34	32	52	1.80	1.30
PZ290272	16	0.02 L	4.20	5.40	35	37	0.70	1.30
PZ290295	17	0.02 L	5.10	6.58	30	35	1.42	1.30
PZ290328	16	0.02 L	5.20	6.61	33	40	0.58	1.00
PZ290362	18	0.02 L	4.20	5.33	31	37	0.82	1.30
PZ290392	14	0.02 L	3.70	4.64	17	20	1.07	0.40
PZ290422	13	0.02 L	3.60	4.62	15	14	1.35	0.40
PZ290452	17	0.02 L	4.50	5.75	22	19	1.01	0.50
PZ290485	16	0.02 L	4.00	5.10	21	22	1.54	0.44
PZ290512	16	0.02 L	3.60	4.57	28	18	0.91	0.48
PZ290542	13	0.02 L	3.80	4.76	18	16	0.91	0.32
PZ290570	15	0.02 L	4.80	6.12	24	19	1.15	0.42
PZ290600	14	0.02 L	4.40	5.70	23	16	0.96	0.43
PZ290632	15	0.03	4.80	5.93	24	18	0.64	0.39
PZ290662	14	0.02 L	4.60	5.91	17	48	1.27	0.31
PZ290700	13	0.02 L	4.30	5.57	18	16	0.74	0.30
PZ290725	11	0.02 L	4.10	5.24	16	12	1.06	0.26
PZ290752	16	0.02 L	4.30	5.53	18	17	0.36	0.43
PZ290782	15	0.02 L	3.90	4.77	23	16	1.04	0.40
PZ290812	17	0.02 L	4.30	5.36	24	21	0.55	0.47
PZ290850	16	0.02 L	4.30	5.37	20	22	0.71	0.45

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ280500	3.64	430	0.06	110	7.40	1.70	2.14	10
PZ280534	2.92	400	0.05	150	7.40	1.30	1.56	18
PZ280568	2.75	360	0.05	160	17.00	0.93	1.24	12
PZ280604	3.02	650	0.09	96	4.70	1.50	1.87	18
PZ280638	2.65	690	0.09	66	3.60	1.70	2.21	15
PZ280672	3.32	890	0.12	98	6.30	2.70	3.50	19
PZ280702	3.03	770	0.10	180	8.40	2.20	2.81	19
PZ280732	3.18	860	0.11	330	12.00	2.20	2.81	16
PZ280758	2.81	560	0.08	230	11.00	1.40	1.84	15
PZ280788	2.59	800	0.10	72	4.60	1.70	2.13	16
PZ280825	0.95	240	0.04	22	1.90	2.90	3.76	11
PZ280858	2.91	730	0.10	490	21.00	1.60	2.07	18
PZ280888	2.60	860	0.11	510	10.00	1.50	1.91	14
PZ280924	2.29	610	0.08	1000	61.00	1.50	1.93	14
PZ280948	3.58	740	0.10	290	19.00	2.00	2.51	17
PZ280978	3.25	1000	0.13	150	3.80	2.00	2.45	15
PZ281008	4.19	900	0.12	280	8.30	2.00	2.52	16
PZ281038	2.91	680	0.09	240	22.00	2.00	2.74	17
PZ281075	3.46	770	0.10	190	9.80	2.40	3.10	17
PZ281102	0.91	180	0.02	78	17.00	2.30	3.03	10
PZ281134	0.90	200	0.03	250	25.00	2.60	3.37	10
PZ281162	0.92	210	0.03	75	15.00	2.70	3.38	12
PZ281190	0.88	200	0.03	420	43.00	2.20	2.93	10
PZ281224	0.86	240	0.04	210	30.00	2.20	2.93	11
PZ281248	0.92	230	0.03	22	4.50	2.60	3.34	13
PZ290010	1.27	450	0.06	2 L	0.25	0.09	0.15 L	10
PZ290040	20.10	740	0.08	2 L	0.14	0.04	0.15 L	4 L
PZ290070	20.70	1500	0.17	2 L	0.36	0.06	0.15 L	4 L
PZ290091	19.30	2100	0.24	2 L	0.30	0.04	0.15 L	4 L
PZ290100	1.12	240	0.03	2 L	0.31	0.03	0.15 L	4 L
PZ290128	4.83	800	0.09	2	2.70	0.03	0.15 L	4 L
PZ290155	17.70	1100	0.12	9	7.00	0.06	0.15 L	4 L
PZ290175	2.43	480	0.07	80	9.90	1.80	2.41	12
PZ290208	2.20	650	0.09	85	6.40	2.10	2.76	12
PZ290242	2.13	610	0.08	37	2.80	2.10	2.78	10
PZ290272	2.26	520	0.07	280	21.00	2.10	2.79	11
PZ290295	2.19	950	0.13	150	8.70	1.70	2.25	9
PZ290328	1.74	370	0.05	290	25.00	1.50	1.95	10
PZ290362	2.15	640	0.09	79	6.80	2.30	3.04	12
PZ290392	0.67	150	0.03	100	26.00	1.70	2.11	4 L
PZ290422	0.68	180	0.03	400	72.00	1.40	1.74	4 L
PZ290452	0.86	230	0.03	110	25.00	1.70	2.20	6
PZ290485	0.72	240	0.04	690	81.00	1.40	1.71	4 L
PZ290512	0.82	120	0.02	330	62.00	2.20	2.83	9
PZ290542	0.54	100	0.02	1000	150.00	1.30	1.57	4 L
PZ290570	0.72	170	0.03	850	140.00	1.40	1.92	6
PZ290600	0.76	120	0.02	1100	190.00	1.60	2.08	5
PZ290632	0.66	160	0.03	870	190.00	1.40	1.80	4 L
PZ290662	0.53	190	0.03	1000	120.00	1.10	1.43	4 L
PZ290700	0.51	99	0.02	760	120.00	0.95	1.19	4 L
PZ290725	0.47	150	0.02	1900	210.00	0.86	1.09	4 L
PZ290752	0.74	100	0.02	680	120.00	1.90	2.44	6
PZ290782	0.67	270	0.04	810	70.00	2.30	2.87	6
PZ290812	0.78	120	0.02	190	39.00	2.10	2.68	10
PZ290850	0.75	120	0.02	260	61.00	1.80	2.27	7

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ280500	23	37	0.050	0.11	10	15.0	0.63	10.0 N
PZ280534	31	36	0.180	0.38	20	28.0	0.69	10.0 N
PZ280568	24	31	0.060	0.14	8	15.0	1.08	10.0 N
PZ280604	38	33	0.110	0.26	13	7.3	0.23	1.0 N
PZ280638	34	31	0.090	0.21	14	3.6	0.32	1.0 N
PZ280672	26	40	0.050	0.12	5	3.2	0.33	1.0 N
PZ280702	31	31	0.050	0.12	8	3.8	0.15	1.0 N
PZ280732	25	39	0.060	0.15	13	7.9	0.47	1.0 N
PZ280758	37	33	0.090	0.21	10	3.6	0.22	1.0 N
PZ280788	34	30	0.090	0.20	27	12.0	0.48	1.0 N
PZ280825	14	4	0.050	0.12	30	13.0	0.34	1.0 N
PZ280858	36	32	0.060	0.15	14	9.5	0.10	1.0 N
PZ280888	40	32	0.080	0.19	86	62.0	0.18	1.0 N
PZ280924	27	26	0.090	0.23	34	30.0	0.34	1.0 N
PZ280948	39	39	0.080	0.18	31	26.0	0.20	1.0 N
PZ280978	20	42	0.070	0.18	24	18.0	0.24	1.0 N
PZ281008	31	45	0.070	0.18	35	26.0	0.13	1.0 N
PZ281038	26	35	0.060	0.17	55	17.0	0.38	1.0 N
PZ281075	27	43	0.060	0.15	31	22.0	0.94	1.0 N
PZ281102	18	4	0.050	0.13	23	6.0	0.14	1.0 N
PZ281134	15	4	0.050	0.12	32	19.0	0.22	1.0 N
PZ281162	18	3	0.060	0.13	23	8.3	0.24	1.0 N
PZ281190	15	4	0.050	0.12	22	14.0	0.46	1.0 N
PZ281224	17	3	0.050	0.13	62	49.0	0.28	1.0 N
PZ281248	16	3	0.050	0.13	28	18.0	0.20	1.0 N
PZ290010	25	28	0.030	0.07	13	11.0	0.05 L	1.0 N
PZ290040	4 L	2 L	0.005 L	0.05 L	4 L	4.1	0.05 L	1.0 N
PZ290070	4 L	2	0.005 L	0.05 L	38	32.0	0.05 L	1.0 N
PZ290091	4 L	3	0.005	0.05 L	560	470.0	0.20	1.0 N
PZ290100	4	6	0.010	0.05 L	6	8.9	0.10	1.0 N
PZ290128	4 L	5	0.010	0.05 L	10	12.0	0.13	1.0 N
PZ290155	4 L	8	0.020	0.05 L	48	53.0	0.32	1.0 N
PZ290175	28	24	0.050	0.12	11	4.9	0.21	1.0 N
PZ290208	33	20	0.040	0.12	19	12.0	0.39	1.0 N
PZ290242	29	21	0.060	0.14	23	19.0	0.50	1.0 N
PZ290272	31	20	0.050	0.13	14	7.4	0.28	1.0 N
PZ290295	30	18	0.050	0.12	57	54.0	0.47	1.0 N
PZ290328	31	18	0.060	0.14	13	2.7	0.25	1.0 N
PZ290362	30	22	0.050	0.13	11	1.8	0.14	1.0 N
PZ290392	12	3	0.040	0.10	27	14.0	0.22	1.0 N
PZ290422	13	3	0.040	0.10	22	11.0	0.20	1.0 N
PZ290452	16	3	0.050	0.12	76	68.0	0.29	1.0 N
PZ290485	16	3	0.050	0.11	46	40.0	0.53	1.0 N
PZ290512	20	3	0.050	0.13	14	4.9	0.37	1.0 N
PZ290542	13	3	0.040	0.10	22	8.4	0.28	1.0 N
PZ290570	16	3	0.050	0.12	24	20.0	0.49	10.0 N
PZ290600	15	3	0.050	0.12	22	4.8	0.38	1.0 N
PZ290632	17	3	0.050	0.11	34	24.0	0.47	10.0 N
PZ290662	13	4	0.050	0.10	36	39.0	0.77	10.0 N
PZ290700	14	3	0.040	0.10	30	33.0	0.53	10.0 N
PZ290725	11	2 L	0.040	0.08	33	27.0	0.67	10.0 N
PZ290752	15	2 L	0.040	0.10	28	9.1	0.31	5.7
PZ290782	16	3	0.050	0.11	29	22.0	0.71	1.0 N
PZ290812	17	3	0.050	0.12	26	7.6	0.39	1.2
PZ290850	13	2 L	0.040	0.10	20	4.2	0.27	1.0 N

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TL_PCT_T	TIO2_PCT_X
PZ280500	18	66.00	5 L	110	0.10 L	7	0.400	1.16
PZ280534	21	60.00	5 L	74	29.00	9	0.420	0.87
PZ280568	15	67.20	11	86	0.10	8	0.290	0.78
PZ280604	22	58.70	5 L	99	0.10 L	10	0.500	0.92
PZ280638	19	62.10	5 L	110	0.10	10	0.440	0.82
PZ280672	19	64.50	5 L	160	1.00	8	0.600	1.16
PZ280702	17	64.50	5 L	140	0.10	9	0.530	1.04
PZ280732	18	62.30	5 L	110	0.10	8	0.440	0.96
PZ280758	19	61.90	5 L	70	0.15	10	0.400	0.80
PZ280788	19	61.40	5 L	72	0.10 L	9	0.410	0.79
PZ280825	5	71.30	5 L	350	0.30	7	0.150	0.36
PZ280858	21	60.20	5 L	65	0.10 L	9	0.490	0.87
PZ280888	20	60.00	5 L	67	0.10	9	0.450	0.84
PZ280924	17	65.10	5 L	77	0.10	9	0.340	0.73
PZ280948	20	62.20	5 L	120	0.10 L	9	0.470	0.92
PZ280978	17	65.80	5 L	130	0.10 L	7	0.500	0.96
PZ281008	20	63.80	5 L	140	0.10	7	0.520	0.99
PZ281038	19	62.80	5 L	120	0.10 L	9	0.460	0.84
PZ281075	19	64.80	5 L	210	0.10 L	9	0.540	1.04
PZ281102	5	71.20	5 L	420	0.10 L	8	0.150	0.37
PZ281134	5	70.60	5 L	400	0.10	7	0.160	0.36
PZ281162	6	69.80	5 L	420	0.15	8	0.210	0.37
PZ281190	5	71.50	5 L	370	0.10	8	0.170	0.35
PZ281224	4	71.10	5 L	320	0.10	7	0.150	0.34
PZ281248	5	69.80	5 L	420	0.10 L	8	0.210	0.38
PZ290010	11	52.90	5 L	100	0.10 L	10	0.290	0.59
PZ290040	2 L	2.31	5 L	67	0.10 L	4 L	0.010	0.03
PZ290070	2 L	0.61	5 L	84	0.10 L	4 L	0.005 L	0.02 L
PZ290091	2 L	1.37	5 L	78	0.10 L	4 L	0.009	0.02 L
PZ290100	2	5.62	5 L	1100	0.10 L	4 L	0.040	0.06
PZ290128	2 L	3.24	5 L	330	0.10 L	4 L	0.020	0.03
PZ290155	3	9.62	5 L	2300	0.10 L	4 L	0.040	0.09
PZ290175	16	64.70	5 L	110	0.10	9	0.360	0.74
PZ290208	15	63.20	5 L	120	0.70	10	0.300	0.72
PZ290242	15	64.10	5 L	130	0.20	10	0.300	0.82
PZ290272	16	68.00	5 L	95	0.15	8	0.350	0.70
PZ290295	12	67.00	5 L	120	0.40	9	0.220	0.61
PZ290328	13	69.80	5 L	120	0.10 L	8	0.240	0.59
PZ290362	15	66.30	5 L	120	0.10 L	8	0.330	0.68
PZ290392	3	75.60	5 L	330	0.10	6	0.070	0.30
PZ290422	3	77.00	5 L	200	0.10 L	7	0.060	0.28
PZ290452	4	72.40	5 L	260	0.20	8	0.110	0.35
PZ290485	4	73.60	630	180	0.30	7	0.070	0.29
PZ290512	5	72.20	5 L	310	0.40	8	0.150	0.35
PZ290542	3	77.50	5 L	190	0.30	7	0.060	0.26
PZ290570	4	72.20	5 L	230	0.10	7	0.070	0.30
PZ290600	4	72.80	5 L	250	0.10 L	8	0.100	0.31
PZ290632	4	74.00	5 L	230	0.10	8	0.100	0.28
PZ290662	3	73.90	5 L	200	0.35	7	0.060	0.27
PZ290700	2	77.70	5 L	150	0.15	8	0.060	0.23
PZ290725	2	78.30	5 L	150	0.20	6	0.040	0.21
PZ290752	4	72.80	5 L	280	0.10 L	8	0.150	0.30
PZ290782	3	73.30	5 L	230	0.20	9	0.070	0.29
PZ290812	5	72.10	5 L	320	0.10 L	8	0.190	0.33
PZ290850	4	73.20	5 L	270	0.10 L	7	0.130	0.31

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ280500	1.40	140	51	12	1	120	130
PZ280534	1.30	130	23	16	2	100	110
PZ280568	1.30	110	95	16	2	56	61
PZ280604	1.50	130	14	16	2	110	120
PZ280638	1.30	110	15	15	2	89	98
PZ280672	1.00	140	29	12	1	61	64
PZ280702	1.00	140	97	15	1	70	76
PZ280732	1.10	120	43	14	1	120	130
PZ280758	1.40	110	22	13	2	78	85
PZ280788	1.20	120	24	12	1	170	160
PZ280825	0.60	38	84	10	1 L	70	73
PZ280858	1.10	120	15	11	1	140	150
PZ280888	1.30	120	14	14	2	980	840 G
PZ280924	1.20	100	22	13	1	130	140
PZ280948	1.30	140	170	15	2	190	200
PZ280978	1.10	130	60	13	1	390	390
PZ281008	1.10	150	150	16	1	260	260
PZ281038	1.10	120	60	9	1 L	110	110
PZ281075	0.80	140	92	10	1	150	150
PZ281102	1.90	33	190	11	1 L	21	26
PZ281134	0.75	34	61	11	1	41	42
PZ281162	0.60	37	130	12	1 L	36	38
PZ281190	0.60	32	87	10	1 L	120	130
PZ281224	0.75	31	220	11	1 L	71	73
PZ281248	0.60	39	54	11	1	59	61
PZ290010	0.65	80	1	20	2	37	19
PZ290040	0.15	20	1 L	2 L	1 L	60	82
PZ290070	0.85	7	1 L	2 L	1 L	69	90
PZ290091	0.35	6	1	2 L	1 L	380	380
PZ290100	0.35	16	1 L	2	1 L	13	22
PZ290128	0.35	21	1 L	2 L	1 L	120	180
PZ290155	0.95	34	2	4	1 L	180	210
PZ290175	1.40	86	72	12	2	65	70
PZ290208	1.60	86	85	13	2	74	78
PZ290242	1.30	100	63	17	2	71	76
PZ290272	1.10	93	34	12	1	38	40
PZ290295	1.30	71	92	12	2	110	120
PZ290328	1.10	76	160	14	2	30	34
PZ290362	1.00	82	73	13	2	53	57
PZ290392	0.70	27	490	10	1	86	87
PZ290422	0.80	24	300	8	1 L	41	41
PZ290452	1.00	33	280	9	1	64	66
PZ290485	1.00	28	350	10	1	85	87
PZ290512	0.70	30	180	10	1	30	21
PZ290542	0.80	22	510	8	1 L	57	59
PZ290570	1.10	29	610	11	1	26	33
PZ290600	0.90	29	750	10	1	19	23
PZ290632	0.90	26	1440	10	1	40	51
PZ290662	0.70	23	630	8	1 L	90	96
PZ290700	0.75	24	770	8	1 L	60	69
PZ290725	0.90	20	940	7	1 L	37	41
PZ290752	0.70	30	850	11	1	12	18
PZ290782	0.90	27	210	9	1	110	100
PZ290812	0.75	37	480	10	1	14	19
PZ290850	0.75	34	350	9	1	11	14

Table 9.--continued

SAM_ID	ROCK NAME
PZ280500	Hornfels
PZ280534	Hornfels
PZ280568	Hornfels
PZ280604	Hornfels
PZ280638	Hornfels
PZ280672	Hornfels
PZ280702	Hornfels
PZ280732	Hornfels
PZ280758	Hornfels
PZ280788	Hornfels
PZ280825	Granite, somewhat porphyritic
PZ280858	Hornfels
PZ280888	Hornfels
PZ280924	Hornfels
PZ280948	Hornfels
PZ280978	Metagraywacke
PZ281008	Metagraywacke
PZ281038	Hornfels
PZ281075	Hornfels
PZ281102	Granodiorite
PZ281134	Monzonite
PZ281162	Quartz monzonite
PZ281190	Quartz monzonite
PZ281224	Granite
PZ281248	Granodiorite
PZ290010	Shaly limestone
PZ290040	Sandy dolomite
PZ290070	Clayey dolomite
PZ290091	Dolomite
PZ290100	Shaly limestone
PZ290128	Shaly limestone
PZ290155	Shaly dolomite
PZ290175	Hornfels
PZ290208	Hornfels
PZ290242	Hornfels
PZ290272	Hornfels
PZ290295	Hornfels
PZ290328	Hornfels
PZ290362	Hornfels
PZ290392	Quartz monzonite
PZ290422	Granite
PZ290452	Granite
PZ290485	Quartz monzonite
PZ290512	Granite
PZ290542	Quartz monzonite
PZ290570	Quartz monzonite
PZ290600	Granite
PZ290632	Granite
PZ290662	Granite
PZ290700	Granite
PZ290725	Granite
PZ290752	Granite
PZ290782	Granite
PZ290812	Granodiorite
PZ290850	Quartz monzonite

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)		AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P	
PZ290878	D557663	50	35	0	19 19	40	0.440	6.50	12.70	12	1.0 N
PZ290900	D557670	50	35	0	19 19	40	0.170	6.20	12.20	10 L	1.0 N
PZ290935	D557659	50	35	0	19 19	40	0.360	6.50	12.60	10 L	1.0 N
PZ290962	D557646	50	35	0	19 19	40	0.130	6.80	13.40	10 L	1.0 N
PZ290995	D557645	50	35	0	19 19	40	0.340	5.70	11.10	10 L	1.0 N
PZ300182	D556230	50	35	0	19 19	40	1.000	7.40	14.00	10 L	10.0 N
PZ300208	D556236	50	35	0	19 19	40	1.300	7.60	14.40	10 L	10.0 N
PZ300238	D556234	50	35	0	19 19	40	3.300	8.40	15.20	30	7.9
PZ300268	D556246	50	35	0	19 19	40	0.200	8.80	16.80	12	7.4
PZ300302	D556238	50	35	0	19 19	40	0.380	8.70	16.70	10 L	1.0 N
PZ300332	D556240	50	35	0	19 19	40	0.780	8.30	16.30	10 L	1.6
PZ300362	D556233	50	35	0	19 19	40	2.300	8.50	16.20	11	3.0
PZ300392	D556244	50	35	0	19 19	40	0.270	9.00	17.10	10 L	1.0 N
PZ300422	D556232	50	35	0	19 19	40	1.100	7.00	13.50	10 L	1.0 N
PZ300452	D556231	50	35	0	19 19	40	1.000	8.20	15.80	10 L	10.0 N
PZ300482	D556247	50	35	0	19 19	40	3.000	9.30	17.80	10 L	10.0 N
PZ300512	D556261	50	35	0	19 19	40	0.560	8.00	15.00	10 L	1.0 N
PZ300542	D556242	50	35	0	19 19	40	0.320	8.60	16.50	12	14.0
PZ300568	D556263	50	35	0	19 19	40	2.500	6.60	12.60	10 L	10.0 N
PZ300602	D556260	50	35	0	19 19	40	0.540	7.70	14.60	10 L	1.0 N
PZ300632	D556254	50	35	0	19 19	40	0.740	6.80	13.00	10 L	1.2
PZ300662	D556248	50	35	0	19 19	40	0.780	8.00	16.10	10 L	1.0 N
PZ300692	D556266	50	35	0	19 19	40	2.600	8.20	15.80	17	2.8
PZ300715	D557538	50	35	0	19 19	40	0.430	7.10	13.60	10 L	1.0 N
PZ300722	D556257	50	35	0	19 19	40	0.460	7.70	14.60	10 L	1.0 N
PZ300752	D556241	50	35	0	19 19	40	0.330	7.80	14.80	10 L	1.0 N
PZ300782	D556265	50	35	0	19 19	40	0.590	7.40	14.00	10 L	1.0 N
PZ300808	D556253	50	35	0	19 19	40	1.000	7.00	12.80	10 L	2.9
PZ300842	D556259	50	35	0	19 19	40	0.130	8.50	16.90	10	3.9
PZ300870	D556252	50	35	0	19 19	40	0.830	8.00	15.70	10 L	1.2
PZ300902	D556237	50	35	0	19 19	40	0.081	8.70	16.80	10 L	1.0 N
PZ300932	D556255	50	35	0	19 19	40	0.400	8.80	16.80	10 L	2.3
PZ300962	D556250	50	35	0	19 19	40	0.490	7.80	14.80	10 L	1.0 N
PZ300992	D556262	50	35	0	19 19	40	0.560	7.30	13.70	10 L	1.0 N
PZ301022	D556249	50	35	0	19 19	40	0.390	7.60	14.50	10 L	1.0 N
PZ301052	D556258	50	35	0	19 19	40	0.850	7.30	13.90	10 L	1.5
PZ301082	D556256	50	35	0	19 19	40	2.500	7.10	13.40	10 L	1.0 N
PZ301112	D556235	50	35	0	19 19	40	0.820	7.50	14.30	10 L	1.0 N
PZ301142	D556239	50	35	0	19 19	40	0.970	7.70	14.70	10 L	1.0 N
PZ301172	D556245	50	35	0	19 19	40	1.500	6.50	11.70	10 L	10.0 N
PZ301202	D556243	50	35	0	19 19	40	0.480	7.30	14.00	10 L	1.0 N
PZ310302	D525767	50	35	0	19 19	40	2.600	6.90	13.10	10 L	0.7 N
PZ310702	D525753	50	35	0	19 19	40	0.150	8.20	15.60	10 L	0.7 N
PZ320015	D557638	50	35	0	19 19	40	0.067 N	7.30	14.00	22	17.0
PZ320040	D557623	50	35	0	19 19	40	0.067 N	0.16	0.33	10 L	1.1
PZ320066	D557621	50	35	0	19 19	40	0.067 N	0.05	0.12	10 L	1.2
PZ320097	D557635	50	35	0	19 19	40	0.330	0.12	0.25	18	13.0
PZ320110	D557628	50	35	0	19 19	40	0.067 N	1.90	3.09	10 L	4.8
PZ320136	D557618	50	35	0	19 19	40	0.067 N	0.68	1.15	10	7.5
PZ320168	D557636	50	35	0	19 19	40	0.067 N	1.20	1.92	10 L	6.1
PZ320182	D557608	50	35	0	19 19	40	0.200	8.20	15.50	10 L	1.0 N
PZ320213	D566438	50	35	0	19 19	40	5.400	8.60	16.30	10 L	1.0 N
PZ320243	D566444	50	35	0	19 19	40	1.400	7.80	15.30	10	1.0 N
PZ320273	D566439	50	35	0	19 19	40	2.400	8.20	15.40	10 L	1.0 N
PZ320303	D566443	50	35	0	19 19	40	2.500	7.70	14.70	11	1.3

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CD_PPM_T
PZ290878	0.002 L	630	3	10 L	1.00 N	0.95	1.30	2 L
PZ290900	0.002 L	710	4	10 L	1.00 N	1.00	1.39	2 L
PZ290935	0.002 L	620	3	10 L	1.00 N	0.99	1.35	2 L
PZ290962	0.002 L	630	3	10 L	1.00 N	1.20	1.60	2 L
PZ290995	0.002 L	570	3	10 L	1.00 N	0.75	1.03	2 L
PZ300182	0.008 L	130	3	10 L	10.00 N	1.40	1.93	2 L
PZ300208	0.008 L	130	3	10 L	10.00 N	1.90	2.54	2 L
PZ300238	0.008 L	38	3	38	32.00	0.59	0.68	2 L
PZ300268	0.008 L	460	3	10 L	1.40	0.78	1.02	2 L
PZ300302	0.008 L	160	3	10 L	4.40	0.76	1.00	2 L
PZ300332	0.008 L	250	3	23	37.00	0.63	0.86	2 L
PZ300362	0.008 L	110	3	32	42.00	0.51	0.67	2 L
PZ300392	0.008 L	500	3	10 L	1.50	0.87	1.14	2 L
PZ300422	0.016	44	3	85	83.00	1.40	1.81	2 L
PZ300452	0.008	160	5	10 L	10.00 N	0.86	1.14	2 L
PZ300482	0.008	98	4	16	14.00	0.69	0.91	2 L
PZ300512	0.008 L	440	4	10 L	1.20	0.91	1.24	2 L
PZ300542	0.008 L	510	5	10 L	2.00	0.54	0.70	2 L
PZ300568	0.024	86	2	10 L	10.00 N	1.40	1.94	2 L
PZ300602	0.248	210	2	10 L	1.90	1.90	2.51	2 L
PZ300632	0.008 L	290	2	21	17.00	1.50	2.05	2 L
PZ300662	0.008 L	170	8	10 L	1.00 N	1.00	1.25	2 L
PZ300692	0.008 L	120	3	120	99.00	1.10	1.44	2 L
PZ300715	0.002 L	490	2	10 L	1.00 N	1.60	2.20	2 L
PZ300722	0.008 L	720	2	10 L	1.00 N	1.80	2.39	2 L
PZ300752	0.008 L	510	2	10 L	1.00 N	1.70	2.31	2 L
PZ300782	0.008 L	700	2	13	13.00	1.60	2.18	2 L
PZ300808	0.008 L	360	3	10	3.50	1.20	1.84	2 L
PZ300842	0.008 L	550	3	10 L	1.00 N	0.74	0.98	2 L
PZ300870	0.008 L	390	9	10 L	1.10	0.75	1.01	2 L
PZ300902	0.008 L	580	3	10 L	1.00 N	0.81	1.07	2 L
PZ300932	0.008 L	600	3	10 L	1.00 N	0.56	0.75	2 L
PZ300962	0.008 L	450	3	10 L	1.40	1.30	1.75	2 L
PZ300992	0.008 L	710	2	10 L	1.00 N	1.50	1.96	2 L
PZ301022	0.008 L	720	2	10 L	2.00	1.70	2.31	2 L
PZ301052	0.008 L	180	3	10 L	1.00 N	1.20	1.57	2 L
PZ301082	0.008 L	650	3	10 L	1.00 N	1.50	2.04	2 L
PZ301112	0.008 L	680	3	10 L	1.00 N	1.70	2.26	2 L
PZ301142	0.008 L	730	3	10 L	1.00 N	1.70	2.31	2 L
PZ301172	0.008 L	570	2	10 L	10.00 N	1.60	2.11	2 L
PZ301202	0.008 L	550	2	10 L	1.00 N	1.70	2.31	2 L
PZ310302	0.002 N	370	3	10 L	1.50	1.00	1.35	2 L
PZ310702	0.002 N	460	3	10 L	0.67 N	1.20	1.73	2 L
PZ320015	0.002 L	330	2	10 L	1.00 N	5.50	7.91	2 L
PZ320040	0.002 L	32	1 L	10 L	1.00 N	22.00	29.90	2 L
PZ320066	0.002 L	4	1 L	10 L	1.00 N	23.00	30.00	2 L
PZ320097	0.002 L	280	1 L	10 L	1.00 N	22.00	30.40	2
PZ320110	0.002 L	120	1 L	10 L	1.00 N	34.00	47.00	2 L
PZ320136	0.002 L	180	1 L	10 L	1.00 N	30.00	41.50	2 L
PZ320168	0.002 L	880	1 L	10 L	1.00 N	20.00	27.30	2 L
PZ320182	0.002 L	610	4	10 L	5.60	0.56	0.75	2 L
PZ320213	0.008 L	400	3	31	38.00	1.00	1.50	2 L
PZ320243	0.008 L	96	2	81	87.00	1.20	1.70	2 L
PZ320273	0.008 L	600	2	10 L	8.90	1.80	2.40	2 L
PZ320303	0.008 L	75	2	35	37.00	0.63	0.85	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ290878	0.150	33	1	4	410	380	1.10	1.66
PZ290900	0.063	37	3	4	320	290	1.20	1.68
PZ290935	0.150	38	2	4	290	280	1.20	1.85
PZ290962	0.050 N	30	3	5	310	300	1.40	1.98
PZ290995	0.110	37	2	7	540	480	1.60	2.32
PZ300182	0.500 N	49	9	23	1600	1400	2.40	3.28
PZ300208	0.500 N	82	14	54	2200	2300	2.70	3.84
PZ300238	0.760	73	18	50	1700	1300	5.80	8.45
PZ300268	1.000	66	19	64	360	380	4.50	6.47
PZ300302	0.100	61	21	72	370	360	5.20	7.25
PZ300332	0.470	62	16	56	990	940	4.30	6.00
PZ300362	0.330	62	16	59	1300	1200	4.10	5.72
PZ300392	0.150	61	19	64	500	430	4.60	6.42
PZ300422	0.160	33	14	24	1100	1100	3.60	4.98
PZ300452	0.500 N	73	20	60	1600	1600	4.40	6.12
PZ300482	0.500 N	77	17	55	3700	3800	4.90	6.92
PZ300512	0.710	46	18	85	450	480	4.40	6.30
PZ300542	0.970	71	19	86	400	390	4.60	6.45
PZ300568	0.500 N	41	9	23	1700	1700	2.40	3.29
PZ300602	0.130	53	9	24	780	750	2.30	3.21
PZ300632	0.470	34	9	15	790	760	1.80	2.60
PZ300662	0.450	60	31	100	550	510	5.00	7.55
PZ300692	0.640	48	13	38	550	500	4.40	6.17
PZ300715	0.140	41	6	8	410	330	1.60	2.31
PZ300722	0.280	48	9	29	500	480	2.10	2.93
PZ300752	0.360	50	10	23	430	500	2.20	3.04
PZ300782	0.260	41	8	56	580	570	2.40	3.36
PZ300808	0.410	56	19	99	680	790	4.00	5.55
PZ300842	1.100	67	19	77	220	200	4.70	7.02
PZ300870	1.200	55	19	93	260	220	4.50	6.46
PZ300902	0.650	72	23	110	130	130	5.30	7.61
PZ300932	0.430	70	22	75	540	350	4.90	6.94
PZ300962	0.260	57	21	130	930	920	4.80	6.90
PZ300992	0.530	38	6	27	1000	1000	1.70	2.36
PZ301022	0.230	40	6	20	780	710	1.80	2.51
PZ301052	0.370	36	7	33	1300	1200	1.90	2.66
PZ301082	0.510	37	5	13	930	950	1.60	2.38
PZ301112	0.420	41	6	29	1100	1100	2.00	2.71
PZ301142	0.210	43	7	27	1200	1100	3.00	4.48
PZ301172	2.400	35	7	27	1400	1500	1.80	2.46
PZ301202	0.380	37	6	39	1000	960	2.10	2.91
PZ310302	0.270	53	10	38	1300	1000	2.30	3.34
PZ310702	0.100	57	22	130	370	230	4.90	7.12
PZ320015	0.050 N	67	11	69	12	9	3.80	5.53
PZ320040	0.050 N	4 L	4	3	14	9	0.38	0.52
PZ320066	0.050 N	4 L	2	1	4	1	0.35	0.48
PZ320097	2.100	4 L	2	2	2	1	1.20	1.66
PZ320110	0.050 N	14	4	23	7	5	0.57	0.81
PZ320136	0.490	6	3	8	9	7	0.55	0.78
PZ320168	0.260	11	4	13	8	6	0.71	0.97
PZ320182	0.110	100	12	68	89	83	4.60	6.44
PZ320213	0.081	57	19	58	600	650	4.80	6.75
PZ320243	0.150	43	19	23	660	630	3.50	4.91
PZ320273	0.480	48	20	26	220	210	2.50	3.51
PZ320303	0.210	61	60	85	770	740	6.40	8.88

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	M%_PCT_T
PZ290878	14	0.02 L	4.90	6.18	20	22	1.44	0.41
PZ290900	17	0.02 L	3.90	4.93	22	17	0.49	0.45
PZ290935	16	0.02 L	4.10	5.27	23	19	0.63	0.39
PZ290962	16	0.02 L	3.80	4.74	17	20	0.47	0.45
PZ290995	14	0.02 L	4.30	5.39	22	18	0.49	0.39
PZ300182	17	0.02 L	2.80	3.50	28	21	2.45	0.70
PZ300208	18	0.1	2.80	3.46	46	31	1.46	1.20
PZ300238	23	0.18	5.00	6.05	36	48	4.43	1.30
PZ300268	21	0.2	3.50	4.45	35	37	2.00	1.80
PZ300302	22	0.06	3.70	4.67	33	31	2.22	1.60
PZ300332	21	0.12	3.70	4.80	32	48	1.93	1.50
PZ300362	21	0.13	4.20	5.36	33	49	2.65	1.20
PZ300392	21	0.1	3.70	4.64	33	28	1.45	1.40
PZ300422	17	0.02 L	3.00	3.76	20	20	2.86	0.50
PZ300452	19	0.02 L	4.20	5.34	38	39	2.04	1.30
PZ300482	24	0.02 L	3.90	4.92	39	48	2.80	1.50
PZ300512	19	0.09	3.60	4.34	25	49	1.46	1.60
PZ300542	21	0.17	4.40	5.56	37	56	1.74	1.90
PZ300568	15	0.02 L	3.50	4.45	25	40	2.32	0.52
PZ300602	17	0.02 L	3.10	3.81	31	27	1.56	0.64
PZ300632	14	0.08	3.10	3.93	20	67	1.76	0.48
PZ300662	21	0.17	3.70	5.04	33	69	1.99	2.00
PZ300692	21	0.13	1.90	2.48	29	29	1.75	0.64
PZ300715	16	0.02 L	2.70	3.36	26	32	0.89	0.58
PZ300722	17	0.06	2.70	3.37	29	28	0.95	0.59
PZ300752	18	0.21	2.70	3.38	30	21	0.81	0.68
PZ300782	17	0.24	2.70	3.33	25	27	0.86	0.67
PZ300808	17	0.19	2.30	2.75	31	38	1.21	1.70
PZ300842	21	0.21	3.90	5.18	36	46	1.75	1.50
PZ300870	20	0.24	4.00	5.09	29	67	1.53	1.60
PZ300902	21	0.23	3.70	4.68	38	39	1.25	1.80
PZ300932	22	0.17	4.00	4.99	38	65	1.70	1.70
PZ300962	19	0.14	2.80	3.47	32	59	0.96	2.10
PZ300992	16	0.2	3.10	3.87	23	23	0.56	0.53
PZ301022	17	0.23	2.80	3.47	24	16	0.56	0.50
PZ301052	17	0.43	3.90	4.78	21	24	2.12	0.56
PZ301082	17	0.24	3.30	4.06	22	27	1.04	0.46
PZ301112	18	0.32	3.00	3.77	26	25	0.91	0.52
PZ301142	19	0.22	3.40	4.16	27	38	0.79	0.55
PZ301172	16	0.24	3.10	3.72	21	46	1.39	0.44
PZ301202	17	0.36	3.00	3.83	22	29	1.83	0.44
PZ310302	13	0.02	4.00	4.86	29	42	1.21	1.20
PZ310702	19	0.02 N	3.30	4.10	31	49	0.85	2.20
PZ320015	17	0.02 L	2.50	3.13	34	44	10.90	0.72
PZ320040	4 L	0.02 L	0.06	0.05	2 L	6	46.30	12.00
PZ320066	4 L	0.02 L	0.02	0.02 L	2 L	2	47.20	13.00
PZ320097	4 L	0.02 L	0.03	0.02	2 L	4	45.20	11.00
PZ320110	5	0.02 L	0.68	0.66	7	15	38.10	0.62
PZ320136	4 L	0.02 L	0.46	0.40	3	11	42.20	5.60
PZ320168	4 L	0.02	0.73	0.69	6	20	41.60	11.00
PZ320182	18	0.02 L	3.70	4.63	54	43	4.44	1.40
PZ320213	22	0.06	3.70	4.58	32	42	5.35	1.50
PZ320243	20	0.05	2.70	3.44	25	35	2.58	0.71
PZ320273	21	0.06	3.00	3.65	29	25	2.16	0.73
PZ320303	21	0.03	2.70	3.37	31	47	4.53	1.30

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ290878	0.67	230	0.04	2400	170.00	1.30	1.71	6
PZ290900	0.74	130	0.02	400	54.00	1.80	2.31	4
PZ290935	0.69	200	0.03	440	66.00	1.90	2.48	4
PZ290962	0.78	190	0.03	480	57.00	2.30	2.88	8
PZ290995	0.64	180	0.03	760	130.00	1.50	1.90	4 L
PZ300182	1.13	290	0.04	41	6.30	2.10	3.00	12
PZ300208	2.00	770	0.10	12	5.10	2.30	3.30	17
PZ300238	2.11	1000	0.14	41	6.70	1.10	1.23	14
PZ300268	2.95	750	0.10	64	4.50	1.70	2.32	20
PZ300302	2.68	860	0.11	64	2.10	1.40	1.86	20
PZ300332	2.58	750	0.10	43	3.20	1.60	2.22	18
PZ300362	2.05	730	0.10	64	4.10	1.30	1.70	16
PZ300392	2.32	660	0.08	25	1.60	2.20	2.98	18
PZ300422	0.79	240	0.03	85	7.80	1.80	2.60	10
PZ300452	2.24	390	0.05	250	26.00	1.60	2.15	17
PZ300482	2.46	590	0.08	89	8.70	1.60	2.04	21
PZ300512	2.74	750	0.10	53	3.00	1.90	2.60	18
PZ300542	3.27	800	0.10	160	5.50	1.60	2.20	19
PZ300568	0.82	330	0.05	490	93.00	1.50	2.06	8
PZ300602	1.01	250	0.03	160	22.00	2.30	3.22	14
PZ300632	0.78	610	0.08	260	17.00	1.80	2.47	11
PZ300662	3.43	970	0.12	130	4.50	1.80	2.34	18
PZ300692	1.04	1100	0.15	58	4.60	3.70	5.42	13
PZ300715	0.96	210	0.03	260	42.00	2.60	3.32	8
PZ300722	0.96	690	0.09	160	8.50	2.60	3.67	14
PZ300752	1.09	630	0.08	41	14.00	2.60	3.76	15
PZ300782	1.09	1100	0.15	370	28.00	2.40	3.42	13
PZ300808	2.84	950	0.13	47	7.60	2.20	3.04	17
PZ300842	2.57	1000	0.13	160	4.50	1.90	2.44	19
PZ300870	2.79	1300	0.16	260	7.00	1.90	2.73	16
PZ300902	3.10	1100	0.15	83	5.90	2.30	3.16	23
PZ300932	2.85	1000	0.14	48	2.40	2.00	2.79	19
PZ300962	3.70	1300	0.16	130	4.90	2.50	3.43	21
PZ300992	0.80	550	0.07	170	5.10	2.30	3.28	13
PZ301022	0.78	610	0.08	410	11.00	2.60	3.76	14
PZ301052	0.84	830	0.11	400	17.00	1.40	2.08	12
PZ301082	0.74	530	0.07	410	28.00	2.10	3.01	10
PZ301112	0.85	730	0.10	210	14.00	2.50	3.51	14
PZ301142	0.87	690	0.09	100	6.60	2.40	3.43	14
PZ301172	0.63	930	0.12	110	13.00	1.70	2.29	10
PZ301202	0.70	1100	0.14	89	9.60	2.20	3.22	13
PZ310302	1.93	650	0.09	66	9.00	2.10	2.70	6
PZ310702	3.74	760	0.10	12	1.20	2.40	3.14	14
PZ320015	1.15	530	0.07	2 L	0.43	0.07	0.15 L	13
PZ320040	20.60	450	0.05	2 L	0.23	0.05	0.15 L	4 L
PZ320066	20.80	910	0.10	2 L	0.17	0.05	0.15 L	4 L
PZ320097	19.70	1600	0.18	2 L	0.50	0.04	0.15 L	4 L
PZ320110	0.72	220	0.03	2 L	0.26	0.04	0.15 L	4 L
PZ320136	8.53	1000	0.12	3	3.00	0.03	0.15 L	4 L
PZ320168	18.20	730	0.09	2	2.00	0.05	0.15 L	4 L
PZ320182	2.30	460	0.06	2 L	1.10	0.25	0.27	19
PZ320213	2.44	360	0.05	2 L	0.45	0.65	0.83	20
PZ320243	1.14	250	0.03	2 L	0.46	2.00	2.72	14
PZ320273	1.14	410	0.05	2 L	1.10	2.60	3.45	14
PZ320303	2.19	380	0.05	2 L	1.40	1.70	2.22	16

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ290878	12	2 L	0.040	0.11	21	8.3	0.41	1.0 N
PZ290900	15	2	0.040	0.12	19	5.1	0.12	1.3
PZ290935	14	2 L	0.040	0.11	29	10.0	0.10	2.9
PZ290962	12	2	0.040	0.11	26	4.0	0.13	2.2
PZ290995	14	3	0.040	0.10	22	5.7	0.12	3.1
PZ300182	20	15	0.060	0.15	23	10.0 N	1.03	10.0 N
PZ300208	36	56	0.160	0.34	67	51.0	1.05	10.0 N
PZ300238	37	30	0.080	0.17	100	140.0	3.51	3.8
PZ300268	34	39	0.080	0.22	300	480.0	0.40	11.0
PZ300302	30	45	0.120	0.29	23	33.0	1.08	1.0
PZ300332	32	39	0.060	0.16	160	170.0	0.89	2.7
PZ300362	32	36	0.050	0.12	34	34.0	1.15	1.0 N
PZ300392	29	36	0.080	0.19	49	37.0	0.48	1.0 N
PZ300422	15	13	0.050	0.12	25	12.0	2.49	1.0 N
PZ300452	37	35	0.060	0.15	11	10.0 N	1.14	10.0 N
PZ300482	39	30	0.060	0.14	11	11.0	1.34	10.0 N
PZ300512	25	45	0.100	0.25	470	460.0	0.74	5.6
PZ300542	34	43	0.080	0.20	240	380.0	0.46	12.0
PZ300568	17	12	0.060	0.14	41	20.0	1.30	10.0 N
PZ300602	20	12	0.060	0.15	23	6.6	0.75	1.0 N
PZ300632	14	20	0.060	0.15	97	87.0	0.73	2.9
PZ300662	29	48	0.060	0.16	94	79.0	1.54	2.8
PZ300692	21	26	0.080	0.20	120	140.0	1.0 ^a	2.2
PZ300715	18	5	0.050	0.13	22	5.5	0.54	2.4
PZ300722	18	20	0.060	0.15	250	270.0	0.46	9.4
PZ300752	20	23	0.060	0.16	86	98.0	0.43	2.4
PZ300782	17	35	0.060	0.16	150	160.0	0.44	3.9
PZ300808	25	43	0.050	0.14	110	140.0	0.56	9.0
PZ300842	35	43	0.090	0.21	190	250.0	0.31	6.5
PZ300870	26	47	0.070	0.17	260	240.0	0.64	4.4
PZ300902	34	53	0.070	0.17	420	410.0	0.20	10.0
PZ300932	36	46	0.070	0.16	120	160.0	0.31	2.4
PZ300962	30	54	0.090	0.22	150	260.0	0.31	8.7
PZ300992	17	17	0.060	0.13	95	130.0	0.33	2.4
PZ301022	16	19	0.060	0.15	59	45.0	0.20	1.4
PZ301052	16	20	0.060	0.14	64	68.0	0.85	1.6
PZ301082	17	15	0.050	0.14	87	89.0	0.30	1.8
PZ301112	18	19	0.060	0.15	140	150.0	0.30	3.3
PZ301142	18	16	0.060	0.16	45	41.0	0.35	1.6
PZ301172	15	21	0.050	0.12	94	170.0	0.51	10.0 N
PZ301202	15	26	0.060	0.14	240	240.0	0.49	6.6
PZ310302	24	21	0.150	0.32	32	26.0	0.42	0.7 N
PZ310702	26	45	0.050	0.14	6	1.8	0.13	0.7 N
PZ320015	30	33	0.040	0.10	20	16.0	0.05 L	1.0 N
PZ320040	4 L	3	0.005 L	0.05 L	5	5.4	0.05 L	1.0 N
PZ320066	4 L	2 L	0.005 L	0.05 L	49	79.0	0.05 L	1.0 N
PZ320097	4 L	3	0.005 L	0.05 L	38	28.0	0.50	1.0 N
PZ320110	4	9	0.020	0.05 L	5	8.4	0.25	1.0 N
PZ320136	4 L	7	0.020	0.05 L	16	20.0	0.10	1.0 N
PZ320168	4 L	6	0.010	0.05 L	37	36.0	0.20	1.0 N
PZ320182	46	24	0.060	0.14	7	7.9	0.05 L	1.0 N
PZ320213	27	23	0.070	0.17	9	6.1	1.30	1.0 N
PZ320243	18	9	0.060	0.16	17	9.2	1.42	1.0 N
PZ320273	22	9	0.070	0.16	33	30.0	0.63	1.0 N
PZ320303	29	38	0.070	0.18	13	4.2	3.52	1.0 N

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ290878	3	72.00	5 L	180	0.10	7	0.080	0.30
PZ290900	4	74.70	5 L	310	0.10 L	7	0.150	0.30
PZ290935	4	73.60	5 L	270	0.10 L	7	0.130	0.30
PZ290962	5	72.60	5 L	320	0.10	7	0.170	0.30
PZ290995	4	75.40	5 L	220	0.10 L	7	0.120	0.27
PZ300182	6	68.60	5 L	410	0.40	10	0.170	0.40
PZ300208	7	66.60	5 L	590	0.60	12	0.260	0.61
PZ300238	15	59.90	9	110	4.00	11	0.230	0.60
PZ300268	19	61.80	6	140	0.30	10	0.420	0.83
PZ300302	19	61.60	5 L	110	2.00	10	0.410	0.79
PZ300332	17	63.40	11	110	0.80	11	0.370	0.75
PZ300362	17	63.50	7	97	10.00	11	0.280	0.72
PZ300392	20	61.90	5 L	120	0.20	10	0.450	0.85
PZ300422	4	67.70	5 L	290	5.00	8	0.110	0.32
PZ300452	17	62.90	5 L	110	2.00	12	0.310	0.76
PZ300482	18	59.60	6	110	9.00	14	0.370	0.78
PZ300512	18	63.80	11	100	0.30	11	0.420	0.84
PZ300542	19	61.40	10	81	0.30	11	0.430	0.90
PZ300568	5	69.80	5 L	300	0.60	9	0.110	0.38
PZ300602	6	68.10	5 L	420	0.30	10	0.230	0.45
PZ300632	5	70.60	5 L	280	0.20	7	0.140	0.38
PZ300662	19	59.50	6	130	0.10	10	0.460	1.01
PZ300692	6	63.80	6	220	0.20	10	0.160	0.45
PZ300715	5	71.10	5 L	390	0.20	10	0.200	0.40
PZ300722	5	69.40	5 L	430	0.10 L	9	0.200	0.42
PZ300752	6	69.00	5 L	430	0.20	10	0.220	0.45
PZ300782	6	69.90	5 L	370	0.10	8	0.220	0.45
PZ300808	16	67.60	5 L	160	0.10	10	0.450	0.89
PZ300842	19	60.90	7	93	0.10 L	12	0.430	0.83
PZ300870	18	62.30	10	130	0.30	11	0.370	0.81
PZ300902	20	59.90	5 L	120	0.10 L	11	0.480	0.89
PZ300932	19	61.20	5 L	99	0.10 L	12	0.380	0.79
PZ300962	18	62.40	5 L	240	0.10 L	10	0.500	1.01
PZ300992	5	71.60	5 L	370	0.10 L	9	0.170	0.34
PZ301022	5	70.80	5 L	390	0.10 L	7	0.180	0.36
PZ301052	5	69.40	5 L	200	0.10	7	0.120	0.37
PZ301082	4	71.20	5 L	360	0.10 L	9	0.140	0.34
PZ301112	4	69.50	5 L	440	0.10 L	9	0.170	0.40
PZ301142	5	67.00	5 L	400	0.10 L	9	0.200	0.42
PZ301172	5	73.00	5 L	250	0.10	6	0.120	0.33
PZ301202	4	68.80	5 L	260	0.10 L	7	0.130	0.36
PZ310302	14	68.50	5 L	220	0.10	6	0.250	0.70
PZ310702	22	61.00	5 L	130	0.05	10	0.700	1.24
PZ320015	14	55.90	5 L	180	0.10 L	10	0.290	0.71
PZ320040	2 L	1.45	5 L	100	0.10 L	4 L	0.005	0.02 L
PZ320066	2 L	0.37	5 L	82	0.10 L	4 L	0.005 L	0.02 L
PZ320097	2 L	0.89	5 L	71	0.10 L	4 L	0.005 L	0.02 L
PZ320110	4	8.31	5 L	1000	0.10 L	4 L	0.060	0.11
PZ320136	2 L	4.31	5 L	400	0.10 L	4 L	0.020	0.04
PZ320168	2 L	7.38	5 L	4000	0.10 L	4 L	0.040	0.08
PZ320182	18	63.30	5 L	74	0.40	9	0.580	1.04
PZ320213	17	59.30	5 L	81	2.80	10	0.420	0.78
PZ320243	6	66.60	5 L	300	1.70	9	0.200	0.43
PZ320273	6	66.40	5 L	390	0.55	11	0.200	0.44
PZ320303	16	61.50	5 L	85	3.90	11	0.380	0.90

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ290878	1.20	27	260	9	1	42	42
PZ290900	0.60	33	400	10	1 L	18	21
PZ290935	0.75	31	900	11	1	28	34
PZ290962	0.65	31	590	12	1	15	19
PZ290995	0.70	36	910	10	1 L	37	39
PZ300182	1.00	43	440	9	1 L	29	29
PZ300208	0.70	76	500	13	1	46	47
PZ300238	1.50	79	130	19	2	110	110
PZ300268	1.50	110	44	15	2	120	160
PZ300302	1.50	110	35	15	2	56	54
PZ300332	1.00	94	33	15	2	210	120
PZ300362	1.00	96	32	16	2	74	76
PZ300392	1.00	120	71	12	1	92	92
PZ300422	0.75	38	430	8	1 L	39	43
PZ300452	1.50	100	130	16	2	37	42
PZ300482	1.00	100	96	19	3	55	59
PZ300512	1.00	120	180	10	1 L	140	140
PZ300542	1.50	120	41	11	1	76	85
PZ300568	1.00	37	1300	9	1 L	49	56
PZ300602	0.80	45	460	11	1 L	29	33
PZ300632	0.90	38	520	9	1 L	92	92
PZ300662	1.50	140	180	14	2	91	85
PZ300692	0.75	54	43	15	1	100	110
PZ300715	0.85	39	530	10	1 L	25	30
PZ300722	0.70	41	360	11	1 L	53	58
PZ300752	0.60	46	170	11	1	46	48
PZ300782	0.65	46	300	11	1 L	60	64
PZ300808	1.00	120	360	11	1	64	67
PZ300842	1.50	120	19	11	1	140	160
PZ300870	1.50	110	16	10	1 L	210	190
PZ300902	1.00	130	16	10	1 L	120	120
PZ300932	1.00	110	13	11	1	110	110
PZ300962	1.00	130	46	13	1 L	91	85
PZ300992	0.55	34	120	11	2	66	75
PZ301022	0.50	34	83	11	1 L	37	36
PZ301052	1.00	37	120	10	1 L	58	50
PZ301082	0.65	34	300	9	1	82	72
PZ301112	0.95	39	200	10	1 L	82	83
PZ301142	0.65	52	69	11	1 L	50	49
PZ301172	0.90	39	98	9	1 L	240	270
PZ301202	0.80	34	52	10	1 L	71	64
PZ310302	0.85	82	4	19	1	46	50
PZ310702	1.10	160	13	12	2	59	53
PZ320015	0.70	94	1	20	2	46	33
PZ320040	0.10 L	13	1 L	2 L	1 L	45	54
PZ320066	0.15	10	1 L	2 L	1 L	43	54
PZ320097	0.50	4	1	2 L	1 L	470	510
PZ320110	0.30	22	1 L	4	1 L	14	23
PZ320136	0.40	25	1 L	2 L	1 L	160	180
PZ320168	0.45	32	1 L	3	1 L	82	70
PZ320182	1.50	130	17	21	3	50	48
PZ320213	1.30	100	60	22	3	60	52
PZ320243	0.90	46	140	11	2	38	34
PZ320273	1.10	47	100	11	1	49	43
PZ320303	1.10	130	120	21	3	55	50

Table 9.--continued

SAM_ID	ROCK NAME
PZ290878	Granite
PZ290900	Quartz monzonite
PZ290935	Granite
PZ290962	Quartz monzonite
PZ290995	Granite
PZ300182	Granite, somewhat porphyritic
PZ300208	Granite, somewhat porphyritic
PZ300238	Hornfels
PZ300268	Hornfels
PZ300302	Hornfels
PZ300332	Hornfels
PZ300362	Hornfels
PZ300392	Hornfels
PZ300422	Granite, somewhat porphyritic
PZ300452	Hornfels
PZ300482	Hornfels
PZ300512	Hornfels
PZ300542	Hornfels
PZ300568	Granite, somewhat porphyritic
PZ300602	Granite, somewhat porphyritic
PZ300632	Granite, somewhat porphyritic
PZ300662	Hornfels
PZ300692	Granite, somewhat porphyritic
PZ300715	Diorite
PZ300722	Granite, somewhat porphyritic
PZ300752	Granite, somewhat porphyritic
PZ300782	Granite, somewhat porphyritic
PZ300808	Hornfels
PZ300842	Hornfels
PZ300870	Hornfels
PZ300902	Hornfels
PZ300932	Hornfels
PZ300962	Hornfels
PZ300992	Granite
PZ301022	Granite
PZ301052	Granite
PZ301082	Granite
PZ301112	Granite
PZ301142	Granite
PZ301172	Granite
PZ301202	Granite
PZ310302	Hornfels
PZ310702	Hornfels
PZ320015	Weathered shaly limestone
PZ320040	Dolomite
PZ320066	Dolomite
PZ320097	Dolomite
PZ320110	Shaly limestone
PZ320136	Shaly limestone
PZ320168	Clayey dolomite
PZ320182	Metagraywacke
PZ320213	Hornfels
PZ320243	Granite, somewhat porphyritic
PZ320273	Granite, somewhat porphyritic
PZ320303	Hornfels

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)				AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ320318	D557614	50	35	0	19	19	40	0.520	8.20	15.80	10 L	1.0 N
PZ320348	D557611	50	35	0	19	19	40	0.180	9.00	17.30	10 L	1.0 N
PZ320378	D557601	50	35	0	19	19	40	0.820	8.80	17.00	10 L	1.0 N
PZ320408	D557605	50	35	0	19	19	40	0.079	8.80	17.30	10 L	1.0 N
PZ320428	D557613	50	35	0	19	19	40	0.170	7.70	14.90	10 L	1.0 N
PZ320466	D557615	50	35	0	19	19	40	0.660	8.90	16.80	11	1.2
PZ320503	D566441	50	35	0	19	19	40	0.220	8.30	16.30	19	12.0
PZ320538	D557600	50	35	0	19	19	40	0.310	9.10	17.50	10 L	1.0 N
PZ320572	D557603	50	35	0	19	19	40	0.067 N	9.10	17.70	10 L	1.0 N
PZ320602	D557606	50	35	0	19	19	40	0.067 N	9.20	18.00	10 L	1.0 N
PZ320644	D557610	50	35	0	19	19	40	0.067 N	9.10	17.50	10 L	1.0 N
PZ320673	D566445	50	35	0	19	19	40	0.370	9.10	17.60	10 L	2.1
PZ320703	D566436	50	35	0	19	19	40	7.800	4.90	8.79	10 L	2.8
PZ320773	D566440	50	35	0	19	19	40	0.067 N	9.40	18.30	10 L	1.0 N
PZ320803	D566435	50	35	0	19	19	40	0.067 N	10.00	20.10	11	1.0 N
PZ320824	D557602	50	35	0	19	19	40	0.150	8.90	17.30	10 L	1.0 N
PZ320854	D557612	50	35	0	19	19	40	0.170	7.80	15.10	10 L	1.0 N
PZ320882	D557596	50	35	0	19	19	40	0.230	9.50	18.40	10 L	1.0 N
PZ320912	D557595	50	35	0	19	19	40	0.067 N	9.10	18.10	10 L	1.0 N
PZ320942	D557597	50	35	0	19	19	40	0.200	9.30	17.90	10 L	1.0 N
PZ320972	D557599	50	35	0	19	19	40	0.160	8.50	16.50	10 L	1.0 N
PZ321002	D557609	50	35	0	19	19	40	0.067 N	8.10	15.60	10 L	1.0 N
PZ321034	D557598	50	35	0	19	19	40	0.073	9.20	17.70	10 L	1.0 N
PZ321064	D557607	50	35	0	19	19	40	0.085	9.50	18.00	10 L	1.0 N
PZ330172	D529346	50	35	0	19	19	40	1.000	7.10	13.60	10 L	0.7 N
PZ330198	D529335	50	35	0	19	19	40	0.630	7.40	14.00	10 L	0.7 N
PZ330216	D529341	50	35	0	19	19	40	0.790	7.40	14.10	10 L	0.7 N
PZ330242	D529336	50	35	0	19	19	40	1.300	7.40	14.00	10 L	0.7 N
PZ330272	D529340	50	35	0	19	19	40	1.500	7.10	13.50	10 L	0.7 N
PZ330302	D529362	50	35	0	19	19	40	1.200	7.40	14.00	10 L	0.7 N
PZ330332	D529342	50	35	0	19	19	40	0.800	7.30	14.00	10 L	0.7 N
PZ330362	D529338	50	35	0	19	19	40	2.000	6.60	12.30	10 L	0.7 N
PZ330392	D529339	50	35	0	19	19	40	0.950	7.60	14.50	10 L	0.7 N
PZ330422	D529353	50	35	0	19	19	40	5.100	5.30	10.10	10 L	6.7 N
PZ330452	D529359	50	35	0	19	19	40	0.860	7.00	13.30	10 L	6.7 N
PZ330482	D529349	50	35	0	19	19	40	0.830	6.80	13.00	10 L	0.7 N
PZ330512	D529355	50	35	0	19	19	40	1.700	6.80	12.60	10 L	6.7 N
PZ330542	D529351	50	35	0	19	19	40	1.500	7.30	13.90	10 L	6.7 N
PZ330572	D529352	50	35	0	19	19	40	0.920	7.20	13.80	10 L	0.7 N
PZ330602	D529347	50	35	0	19	19	40	1.600	7.30	14.10	10 L	0.7 N
PZ330632	D529350	50	35	0	19	19	40	1.600	7.40	14.20	10 L	0.7 N
PZ330662	D529356	50	35	0	19	19	40	0.950	7.30	14.00	10 L	0.7 N
PZ330692	D529360	50	35	0	19	19	40	1.000	7.40	14.20	10 L	0.7 N
PZ330702	D525772	50	35	0	19	19	40	0.890	6.90	13.00	10 L	0.7 N
PZ330722	D529344	50	35	0	19	19	40	0.520	7.50	14.00	10 L	0.7 N
PZ330752	D529358	50	35	0	19	19	40	1.100	6.80	13.00	10 L	0.7 N
PZ330782	D529357	50	35	0	19	19	40	0.860	7.20	13.90	10 L	0.7 N
PZ330812	D529348	50	35	0	19	19	40	1.400	7.30	13.80	10 L	0.7 N
PZ330842	D529337	50	35	0	19	19	40	0.920	7.60	14.40	10 L	0.7 N
PZ330872	D529354	50	35	0	19	19	40	0.840	7.10	13.50	10 L	0.7 N
PZ330902	D529345	50	35	0	19	19	40	0.930	7.20	13.40	10 L	0.7 N
PZ330932	D529343	50	35	0	19	19	40	1.900	7.10	13.80	10 L	0.7 N
PZ330962	D529363	50	35	0	19	19	40	0.810	7.30	13.70	10 L	0.7 N
PZ330992	D529361	50	35	0	19	19	40	2.300	6.50	12.20	10 L	0.7 N
PZ340302	D525771	50	35	0	19	19	40	0.500	6.20	11.60	10 L	0.7 N

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CO_PPM_T
PZ320318	0.002 L	180	2	22	19.00	0.60	0.83	2 L
PZ320348	0.002 L	470	3	28	35.00	0.77	1.04	2 L
PZ320378	0.002 L	210	2	10 L	5.20	0.37	0.51	3
PZ320408	0.002 L	640	2	10 L	2.50	0.78	1.09	2 L
PZ320428	0.002 L	890	2	10 L	1.00 N	1.80	2.44	2 L
PZ320466	0.002 L	210	3	14	11.00	1.10	1.55	2 L
PZ320503	0.008 L	450	2	10 L	5.60	0.44	0.62	2 L
PZ320538	0.002 L	560	2	11	6.50	0.68	0.91	2 L
PZ320572	0.002 L	560	2	10 L	1.00 N	0.79	1.08	2 L
PZ320602	0.002 L	530	2	10 L	1.00 N	0.98	1.36	2 L
PZ320644	0.002 L	600	2	10 L	1.20	0.67	0.91	2 L
PZ320673	0.008 L	440	2	10 L	2.00	1.50	2.16	2 L
PZ320703	0.008 L	360	1	30	28.00	2.90	3.84	2 L
PZ320773	0.008 L	570	2	10 L	1.00 N	0.63	0.90	2 L
PZ320803	0.008 L	530	3	10 L	1.00 N	1.70	2.32	2 L
PZ320824	0.002 L	570	2	10 L	1.20	0.56	0.76	2 L
PZ320854	0.002 L	300	2	17	16.00	1.30	1.73	2 L
PZ320882	0.002 L	740	2	10 L	1.50	0.62	0.84	2 L
PZ320912	0.002 L	610	2	10 L	1.10	0.52	0.72	2 L
PZ320942	0.002 L	600	2	10 L	9.10	0.83	1.14	2 L
PZ320972	0.002 L	640	3	10 L	1.00 N	0.76	1.04	2 L
PZ321002	0.002 L	490	2	10 L	1.00 N	0.96	1.30	2 L
PZ321034	0.002 L	870	3	10 L	1.90	0.55	0.74	2 L
PZ321064	0.002 L	640	3	10 L	1.00	0.67	0.90	2 L
PZ330172	0.002 L	610	3	10 L	1.20	1.40	1.81	2 L
PZ330198	0.002 L	700	2	10 L	2.00	1.40	1.87	2 L
PZ330216	0.002	420	3	10 L	1.10	1.10	1.50	2 L
PZ330242	0.004	550	5	10 L	2.50	1.30	1.84	2 L
PZ330272	0.002	520	3	10 L	1.50	1.20	1.64	2 L
PZ330302	0.002 L	490	3	10 L	2.10	1.40	1.80	2 L
PZ330332	0.004	440	3	10 L	4.20	1.40	1.95	2 L
PZ330362	0.002	550	3	10 L	0.73	1.20	1.62	2 L
PZ330392	0.002 L	710	3	10 L	1.30	1.50	2.06	2 L
PZ330422	0.002 N	470	3	10 L	6.70 N	0.79	1.05	2 L
PZ330452	0.002 N	460	3	10 L	6.70 N	1.20	1.63	2 L
PZ330482	0.002 N	580	3	10 L	0.93	1.50	2.03	2 L
PZ330512	0.002 L	300	3	10 L	6.70 N	1.50	1.86	2 L
PZ330542	0.002 N	250	2	15	7.90	1.60	2.09	2 L
PZ330572	0.002 N	500	3	10 L	2.30	1.50	2.06	2 L
PZ330602	0.002 N	480	3	10 L	6.00	1.50	1.99	2 L
PZ330632	0.002 N	190	3	50	53.00	1.40	1.93	2 L
PZ330662	0.002	640	2	10 L	4.20	1.40	2.02	2 L
PZ330692	0.002 N	440	3	10 L	4.30	1.50	2.03	2 L
PZ330702	0.002 N	940	3	10 L	2.70	1.10	1.48	2 L
PZ330722	0.002 N	670	3	10 L	2.20	1.50	1.99	2 L
PZ330752	0.002 N	540	3	10 L	7.40	1.30	1.70	2 L
PZ330782	0.002 N	420	3	10 L	1.60	1.40	1.89	2 L
PZ330812	0.002 L	480	3	10 L	2.20	1.30	1.76	2 L
PZ330842	0.002 L	680	3	10 L	0.67 N	1.50	2.01	2 L
PZ330872	0.004 N	530	3	10 L	1.10	1.40	1.90	2 L
PZ330902	0.002 N	510	3	10 L	0.92	1.30	1.81	2 L
PZ330932	0.002 L	530	3	10 L	1.80	1.40	1.95	2 L
PZ330962	0.002	660	3	10 L	0.67 N	1.50	1.95	2 L
PZ330992	0.002 N	290	3	10 L	0.74	1.30	1.73	2 L
PZ340302	0.002 L	640	2	10 L	2.50	1.10	1.45	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ320318	0.180	68	17	58	130	120	5.00	7.15
PZ320348	0.095	66	19	65	98	83	5.30	7.53
PZ320378	3.500	68	17	54	100	100	5.00	7.14
PZ320408	0.180	73	14	45	53	46	4.40	6.36
PZ320428	0.980	49	6	15	18	18	2.20	3.15
PZ320466	0.130	78	21	55	360	350	5.40	7.63
PZ320503	0.200	67	22	56	160	160	4.60	6.52
PZ320538	0.086	53	16	50	150	130	4.60	6.62
PZ320572	0.050 N	67	17	54	57	40	4.90	7.02
PZ320602	0.052	68	15	49	68	75	4.50	6.55
PZ320644	0.050 N	68	16	58	49	47	4.70	6.79
PZ320673	0.220	65	16	57	200	180	5.20	7.51
PZ320703	0.062	58	29	50	520	460	4.00	5.36
PZ320773	0.050 N	82	21	72	14	13	5.90	8.27
PZ320803	0.050 N	89	15	56	34	30	4.40	6.36
PZ320824	0.160	66	18	65	72	64	5.20	7.47
PZ320854	0.120	44	10	6	89	84	2.50	3.64
PZ320882	0.120	66	21	94	190	190	5.70	8.32
PZ320912	0.130	72	21	62	61	55	4.80	7.09
PZ320942	0.084	66	18	63	120	110	5.50	7.99
PZ320972	0.220	67	18	71	98	99	4.30	6.30
PZ321002	0.160	46	18	76	55	59	4.60	6.73
PZ321034	0.100	76	19	62	100	94	5.10	7.37
PZ321064	0.068	67	21	68	49	45	5.50	7.77
PZ330172	0.260	39	6	6	1500	1600	1.20	1.82
PZ330198	0.110	40	6	6	1100	1100	1.30	1.87
PZ330216	0.220	57	12	8	1500	1300	3.30	4.71
PZ330242	0.130	47	6	5	1300	1500	1.30	2.17
PZ330272	0.200	38	6	6	2100	2100	1.40	2.01
PZ330302	0.220	41	6	5	2000	2000	1.50	2.11
PZ330332	0.088	41	8	5	1500	1800	1.70	2.42
PZ330362	0.180	35	6	5	2100	2100	1.30	1.89
PZ330392	0.085	42	6	5	1500	1500	1.50	2.26
PZ330422	0.500 N	19	3	4	3700	4000	1.20	1.60
PZ330452	0.500 N	37	5	4	2500	2800	1.40	2.03
PZ330482	0.120	37	5	4	1600	1600	1.40	2.01
PZ330512	0.500 N	49	5	4	3800	4300	1.60	2.23
PZ330542	0.500 N	46	5	4	2700	3200	1.80	2.54
PZ330572	0.140	38	5	4	1400	1400	1.70	2.49
PZ330602	0.160	55	6	4	1900	2000	1.60	2.45
PZ330632	0.130	42	5	4	1600	1600	1.90	2.74
PZ330662	0.220	51	80	8	1200	1400	1.20	1.95
PZ330692	0.530	38	81	8	1500	1600	1.50	2.12
PZ330702	0.200	32	4	7	1200	930	1.00	1.54
PZ330722	0.066	44	66	6	1000	1100	1.30	1.88
PZ330752	0.140	36	70	8	1500	1500	1.30	1.79
PZ330782	0.088	42	91	6	890	960	1.30	1.93
PZ330812	0.380	40	77	9	1900	1900	1.40	1.96
PZ330842	0.260	50	4	8	1100	1200	1.30	2.05
PZ330872	0.072	38	5	800	1800	1900	1.50	2.19
PZ330902	0.230	39	4	6	1200	1200	1.30	1.93
PZ330932	0.180	38	4	7	1600	1700	1.30	1.94
PZ330962	0.280	37	4	7	1300	1200	1.40	1.93
PZ330992	0.510	34	5	6	1900	1900	1.40	2.00
PZ340302	0.099	33	7	4	1400	1000	1.10	1.60

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ320318	17	0.02 L	2.70	3.45	37	51	2.69	1.60
PZ320348	21	0.02 L	2.60	3.30	35	51	2.98	1.70
PZ320378	20	0.02 L	3.40	4.29	36	47	3.06	1.80
PZ320408	21	0.02 L	2.90	3.64	40	45	2.06	1.50
PZ320428	17	0.02 L	2.80	3.43	29	22	2.71	0.63
PZ320466	20	0.02 L	2.80	3.42	43	50	2.97	1.50
PZ320503	19	0.05	2.30	2.94	35	27	2.71	1.30
PZ320538	21	0.02 L	3.10	3.91	28	42	2.43	1.60
PZ320572	21	0.02 L	2.90	3.60	36	33	2.06	1.40
PZ320602	23	0.02 L	2.60	3.29	37	38	2.29	1.50
PZ320644	22	0.02 L	2.60	3.27	37	27	2.31	1.50
PZ320673	26	0.03	2.20	2.76	33	32	2.52	1.70
PZ320703	12	0.03	2.20	2.61	32	23	1.86	0.91
PZ320773	26	0.07	3.20	4.01	44	22	2.45	1.70
PZ320803	26	0.03	2.60	3.27	51	44	1.80	1.80
PZ320824	22	0.02 L	3.40	4.19	36	42	2.26	1.70
PZ320854	19	0.02 L	2.60	3.29	28	39	1.85	0.54
PZ320882	24	0.02 L	3.30	4.07	35	63	2.38	2.20
PZ320912	21	0.02 L	3.80	4.82	40	49	2.06	1.60
PZ320942	22	0.02 L	3.50	4.36	37	36	1.90	1.60
PZ320972	21	0.02 L	3.20	3.93	37	42	2.09	1.70
PZ321002	19	0.02 L	2.50	3.11	25	41	1.77	1.70
PZ321034	22	0.02 L	3.80	4.75	42	37	1.84	1.60
PZ321064	22	0.02 L	3.40	4.21	36	42	2.22	1.60
PZ330172	17	0.02	4.10	5.11	24	17	1.17	0.53
PZ330198	17	0.02 N	3.90	4.92	24	17	1.42	0.56
PZ330216	17	0.02	3.70	4.59	31	51	1.67	1.40
PZ330242	15	0.02 N	3.30	4.51	30	20	1.29	0.53
PZ330272	18	0.02 N	4.10	5.02	23	16	1.19	0.51
PZ330302	17	0.02 N	4.00	5.07	25	26	1.65	0.56
PZ330332	17	0.02 N	3.70	4.59	24	22	1.55	0.51
PZ330362	15	0.02 N	4.10	4.97	21	21	2.06	0.47
PZ330392	17	0.02 N	3.60	4.46	26	21	1.28	0.53
PZ330422	13	0.02 N	4.00	5.10	12	14	2.15	0.36
PZ330452	16	0.03	4.20	5.23	23	17	1.60	0.50
PZ330482	16	0.03	3.90	4.87	23	22	2.10	0.42
PZ330512	15	0.02	4.20	5.12	29	20	2.41	0.51
PZ330542	17	0.02	4.40	5.49	27	21	2.27	0.49
PZ330572	16	0.03	3.40	4.35	24	19	1.33	0.53
PZ330602	16	0.03	3.70	4.67	37	20	1.49	0.56
PZ330632	18	0.02	4.10	5.15	25	24	2.45	0.49
PZ330662	14	0.02 N	3.10	4.51	33	19	1.56	0.43
PZ330692	17	0.02 N	3.60	4.58	23	22	1.75	0.53
PZ330702	16	0.02	4.90	5.88	20	16	0.85	0.42
PZ330722	16	0.02 N	3.70	4.57	25	24	1.51	0.51
PZ330752	15	0.02 N	3.70	4.68	21	22	1.44	0.41
PZ330782	17	0.02 N	3.40	4.46	25	20	1.46	0.45
PZ330812	16	0.03	3.80	4.71	25	24	1.48	0.49
PZ330842	16	0 B	3.60	4.64	32	21	0.77	0.50
PZ330872	16	0.02 N	3.50	4.42	23	19	1.05	0.45
PZ330902	16	0 B	3.60	4.54	24	22	1.12	0.47
PZ330932	16	0.02 N	3.60	4.53	23	27	1.51	0.42
PZ330962	17	0 B	3.50	4.32	22	21	1.19	0.47
PZ330992	14	0.02 N	3.80	4.78	20	36	1.60	0.38
PZ340302	14	0.02	4.20	5.11	20	13	0.92	0.42

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ320318	2.78	640	0.09	2 L	0.19	2.00	2.62	19
PZ320348	2.96	680	0.09	2 L	0.24	1.90	2.44	18
PZ320378	3.04	1700	0.22	2 L	1.10	1.70	2.21	15
PZ320408	2.53	790	0.11	2 L	0.38	2.10	2.79	18
PZ320428	1.08	330	0.05	2 L	0.70	2.80	3.63	5
PZ320466	2.49	870	0.12	2 L	0.18	1.50	1.91	17
PZ320503	2.25	670	0.09	2 L	0.39	2.10	2.80	22
PZ320538	2.66	830	0.11	2 L	0.13	1.90	2.43	20
PZ320572	2.38	940	0.13	2 L	0.25	2.10	2.81	18
PZ320602	2.63	1100	0.15	2 L	0.21	2.10	2.76	16
PZ320644	2.56	1000	0.14	2 L	0.20	2.00	2.64	20
PZ320673	2.80	2000	0.28	2 L	0.54	2.90	3.96	21
PZ320703	1.38	1300	0.16	2 L	0.62	0.94	1.04	10
PZ320773	2.89	1200	0.15	2 L	0.19	1.50	1.99	23
PZ320803	3.03	1100	0.15	2 L	0.74	2.80	3.74	24
PZ320824	2.89	820	0.11	2 L	0.18	1.50	1.87	18
PZ320854	0.91	370	0.05	2 L	0.15	2.50	3.34	13
PZ320882	3.82	930	0.13	2 L	0.11	1.70	2.22	18
PZ320912	2.84	840	0.12	2 L	0.11	1.30	1.64	18
PZ320942	2.80	960	0.13	2 L	0.11	1.60	2.05	18
PZ320972	2.86	670	0.09	2 L	0.14	1.60	2.06	18
PZ321002	2.97	780	0.11	2 L	0.39	2.10	2.76	18
PZ321034	2.70	720	0.10	2 L	0.24	1.50	1.90	18
PZ321064	2.79	870	0.12	2 L	0.23	1.70	2.13	19
PZ330172	0.86	88	0.02	97	18.00	2.10	2.78	5
PZ330198	0.90	89	0.02	160	32.00	2.30	3.05	6
PZ330216	2.30	410	0.06	140	15.00	2.30	3.03	9
PZ330242	0.89	95	0.02	120	37.00	2.20	3.29	6
PZ330272	0.82	100	0.02	52	17.00	2.20	2.95	6
PZ330302	0.90	140	0.02	49	16.00	2.20	2.99	6
PZ330332	0.84	120	0.02	96	37.00	2.30	3.23	8
PZ330362	0.73	200	0.03	330	44.00	1.90	2.47	5
PZ330392	0.87	140	0.02	81	16.00	2.60	3.53	8
PZ330422	0.59	210	0.03	130	37.00	1.20	1.55	4 L
PZ330452	0.81	170	0.03	470	120.00	2.10	2.88	6
PZ330482	0.65	270	0.04	410	28.00	2.00	2.72	6
PZ330512	0.80	190	0.03	260	64.00	1.90	2.48	6
PZ330542	0.79	270	0.04	23	6.10	2.00	2.77	5
PZ330572	0.86	180	0.03	360	62.00	2.40	3.29	7
PZ330602	0.92	170	0.03	160	40.00	2.30	3.19	8
PZ330632	0.79	200	0.03	85	18.00	2.20	2.94	6
PZ330662	0.77	130	0.03	310	100.00	2.10	3.23	7
PZ330692	0.87	140	0.02	150	48.00	2.40	3.29	8
PZ330702	0.67	120	0.02	110	15.00	1.80	2.29	5
PZ330722	0.87	130	0.02	69	24.00	2.50	3.30	5
PZ330752	0.68	120	0.02	250	71.00	2.10	2.80	7
PZ330782	0.76	140	0.02	140	44.00	2.30	3.24	7
PZ330812	0.80	180	0.03	190	65.00	2.30	3.17	8
PZ330842	0.84	160	0.03	90	28.00	2.30	3.30	6
PZ330872	0.74	180	0.03	200	46.00	2.30	3.10	7
PZ330902	0.78	160	0.03	230	49.00	2.20	3.02	6
PZ330932	0.68	200	0.03	230	56.00	2.30	3.10	7
PZ330962	0.75	180	0.03	250	57.00	2.40	3.20	8
PZ330992	0.61	230	0.04	290	60.00	1.80	2.34	5
PZ340302	0.67	110	0.02	95	24.00	1.70	2.14	5

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ320318	33	27	0.090	0.21	5	5.8	1.13	1.0 N
PZ320348	32	31	0.060	0.15	22	12.0	0.73	1.0 N
PZ320378	34	29	0.070	0.17	98	110.0	0.87	1.0 N
PZ320408	37	21	0.050	0.14	12	11.0	0.29	1.0 N
PZ320428	21	6	0.050	0.14	29	32.0	0.39	1.0 N
PZ320466	38	27	0.080	0.20	75	63.0	1.05	1.0 N
PZ320503	32	29	0.050	0.14	13	9.6	0.74	1.0 N
PZ320538	26	26	0.050	0.13	11	6.6	0.44	1.0 N
PZ320572	35	28	0.090	0.22	5	2.5	0.22	1.0 N
PZ320602	36	24	0.050	0.13	5	3.8	0.09	1.0 N
PZ320644	35	28	0.060	0.14	4 L	3.5	0.17	1.0 N
PZ320673	31	27	0.060	0.16	16	11.0	1.04	1.3
PZ320703	28	18	0.030	0.10	28	22.0	1.23	1.0 N
PZ320773	38	36	0.090	0.22	8	1.5	0.05 L	1.0 N
PZ320803	44	27	0.060	0.15	17	3.5	0.16	1.0 N
PZ320824	34	32	0.090	0.23	14	12.0	0.30	1.0 N
PZ320854	20	3	0.050	0.13	10	10.0	0.88	1.0 N
PZ320882	32	42	0.070	0.16	10	8.7	0.25	1.0 N
PZ320912	36	34	0.070	0.16	20	16.0	0.13	1.0 N
PZ320942	35	33	0.090	0.22	18	6.2	0.36	1.0 N
PZ320972	33	33	0.050	0.13	61	57.0	0.17	1.0 N
PZ321002	23	33	0.100	0.25	16	18.0	0.39	1.0 N
PZ321034	38	33	0.080	0.19	23	16.0	0.14	1.0 N
PZ321064	32	37	0.070	0.17	8	5.4	0.21	1.0 N
PZ330172	15	4	0.060	0.13	16	11.0	0.46	0.7 N
PZ330198	17	2 L	0.050	0.13	11	4.2	0.43	0.7 N
PZ330216	27	18	0.060	0.14	11	6.0	0.45	0.7 N
PZ330242	19	2 L	0.050	0.13	14	9.8	0.51	0.7 N
PZ330272	17	2 L	0.050	0.12	12	4.8	0.52	0.7 N
PZ330302	16	2 L	0.060	0.13	14	7.6	0.54	0.7 N
PZ330332	17	2 L	0.050	0.13	14	5.4	0.69	0.7 N
PZ330362	15	2 L	0.050	0.11	26	19.0	0.50	0.7
PZ330392	17	2 L	0.060	0.13	13	3.7	0.37	0.7 N
PZ330422	8	3	0.050	0.10	19	18.0	0.54	6.7 N
PZ330452	16	2 L	0.050	0.12	18	12.0	0.61	6.7 N
PZ330482	16	2 L	0.050	0.12	18	12.0	0.62	0.7 N
PZ330512	22	2 L	0.060	0.12	24	17.0	0.85	6.7 N
PZ330542	19	2 L	0.060	0.13	17	12.0	0.83	6.7 N
PZ330572	15	2 L	0.050	0.13	12	5.0	0.56	0.7 N
PZ330602	19	2	0.060	0.13	18	7.8	0.64	0.7 N
PZ330632	16	2 L	0.060	0.13	12	8.5	1.08	0.7 N
PZ330662	20	13	0.050	0.12	25	5.9	0.42	0.7 N
PZ330692	17	13	0.060	0.13	26	5.3	0.57	0.7 N
PZ330702	12	3	0.050	0.13	28	8.2	0.37	1.0
PZ330722	18	9	0.050	0.12	24	4.8	0.35	0.7 N
PZ330752	16	10	0.050	0.11	27	4.9	0.54	0.7 N
PZ330782	18	13	0.050	0.12	31	5.3	0.54	0.8
PZ330812	17	11	0.050	0.12	31	7.1	0.48	1.2
PZ330842	21	2 L	0.050	0.13	11	2.9	0.36	0.7 N
PZ330872	15	49	0.050	0.12	21	6.1	0.59	0.8
PZ330902	16	2 L	0.050	0.12	16	4.6	0.49	0.7 N
PZ330932	15	2 L	0.050	0.12	17	9.5	0.50	0.7 N
PZ330962	15	2 L	0.050	0.11	17	4.6	0.46	0.7 N
PZ330992	14	2 L	0.050	0.11	31	21.0	0.77	0.9
PZ340302	13	2	0.050	0.12	16	4.3	0.33	0.7

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ320318	18	62.40	5 L	94	0.60	9	0.480	0.90
PZ320348	20	60.40	5 L	110	6.60	10	0.480	0.94
PZ320378	17	60.20	5 L	420	0.25	8	0.390	0.86
PZ320408	17	62.10	5 L	140	0.10 L	9	0.450	0.80
PZ320428	6	66.40	5 L	400	0.10 L	6	0.090	0.40
PZ320466	19	60.80	5 L	96	2.90	10	0.460	0.88
PZ320503	17	64.00	5 L	88	1.30	9	0.420	0.80
PZ320538	19	61.30	5 L	89	1.20	8	0.470	0.84
PZ320572	19	61.40	5 L	120	0.15	10	0.480	0.79
PZ320602	18	61.00	5 L	120	0.10 L	10	0.460	0.85
PZ320644	20	61.80	5 L	96	0.30	10	0.510	0.85
PZ320673	18	58.30	5 L	180	0.25	12	0.530	0.91
PZ320703	8	71.60	5 L	220	2.10	6	0.240	0.50
PZ320773	22	59.30	5 L	70	0.20	10	0.580	0.92
PZ320803	22	57.40	5 L	120	0.15	10	0.530	0.87
PZ320824	21	61.50	5 L	66	0.20	10	0.510	0.87
PZ320854	5	68.10	5 L	390	0.35	8	0.200	0.36
PZ320882	22	57.30	5 L	84	0.85	11	0.610	1.04
PZ320912	20	60.50	5 L	57	0.10	10	0.500	0.84
PZ320942	22	59.50	5 L	75	0.40	9	0.530	0.87
PZ320972	19	62.80	5 L	76	0.10	10	0.460	0.86
PZ321002	18	63.10	5 L	110	0.10 L	8	0.490	0.93
PZ321034	20	60.60	5 L	110	0.10	9	0.490	0.83
PZ321064	22	59.40	5 L	65	0.10 L	10	0.530	0.87
PZ330172	5	70.50	5 L	440	0.10	8	0.120	0.37
PZ330198	5	70.20	5 L	360	0.15	8	0.160	0.38
PZ330216	14	65.90	5 L	140	0.15	11	0.370	0.73
PZ330242	5	70.10	5 L	370	0.15	11	0.160	0.37
PZ330272	5	71.00	5 L	350	0.15	8	0.170	0.36
PZ330302	5	69.70	5 L	330	0.15	9	0.160	0.39
PZ330332	5	69.80	5 L	420	0.30	10	0.170	0.39
PZ330362	4	71.90	5 L	440	0.05	9	0.110	0.33
PZ330392	5	69.30	5 L	380	0.10	8	0.200	0.39
PZ330422	3	76.00	5 L	180	0.30	7	0.060	0.27
PZ330452	5	70.60	5 L	390	0.30	9	0.150	0.36
PZ330482	4	70.40	5 L	300	0.20	9	0.130	0.35
PZ330512	5	70.20	5 L	290	0.80	9	0.150	0.35
PZ330542	5	67.90	5 L	360	0.55	9	0.120	0.38
PZ330572	5	70.10	5 L	370	0.35	8	0.190	0.39
PZ330602	5	69.40	5 L	380	0.25	8	0.180	0.39
PZ330632	5	67.90	5 L	280	0.45	8	0.120	0.39
PZ330662	5	70.60	5 L	350	0.10	11	0.150	0.36
PZ330692	5	69.70	5 L	380	0.20	10	0.180	0.39
PZ330702	4	71.80	5 L	340	0.10	9	0.130	0.32
PZ330722	5	70.20	5 L	350	0.10	10	0.160	0.34
PZ330752	4	72.30	5 L	310	0.10	9	0.130	0.32
PZ330782	5	71.00	5 L	360	0.10	11	0.140	0.34
PZ330812	5	70.40	5 L	350	0.15	11	0.160	0.34
PZ330842	5	70.20	5 L	400	0.05	11	0.170	0.36
PZ330872	5	71.50	5 L	360	0.10	9	0.160	0.33
PZ330902	4	71.50	5 L	350	0.10	9	0.160	0.34
PZ330932	4	70.60	5 L	320	0.10	9	0.140	0.35
PZ330962	5	71.30	5 L	380	0.10 N	10	0.190	0.35
PZ330992	3	72.70	5 L	260	0.20 N	7	0.090	0.31
PZ340302	4	74.00	5 L	260	0.10	6	0.130	0.32

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ320318	1.00	110	9	22	3	47	48
PZ320348	0.80	120	13	23	3	61	58
PZ320378	1.00	98	24	26	3	530	500
PZ320408	0.85	99	5	21	3	96	98
PZ320428	1.10	44	3	14	1	200	220
PZ320466	0.85	110	89	24	3	61	60
PZ320503	0.70	97	32	23	3	92	88
PZ320538	0.90	100	140	18	3	86	85
PZ320572	0.75	100	4	20	3	81	78
PZ320602	0.60	91	3	20	3	88	90
PZ320644	0.50	110	5	20	3	80	83
PZ320673	1.10	110	30	26	3	79	78
PZ320703	1.10	53	140	20	2	47	43
PZ320773	0.75	130	6	14	3	92	89
PZ320803	1.10	120	17	22	3	95	95
PZ320824	0.75	110	8	15	2	110	110
PZ320854	0.80	37	5	12	1	48	51
PZ320882	0.85	150	8	15	2	110	110
PZ320912	0.90	110	82	12	2	110	110
PZ320942	1.10	120	7	13	2	84	83
PZ320972	0.95	110	12	13	2	110	110
PZ321002	0.70	110	14	11	1	91	92
PZ321034	0.95	120	10	12	2	87	84
PZ321064	0.70	130	4	15	2	97	94
PZ330172	0.50	31	92	9	1 L	31	33
PZ330198	0.45	33	70	10	1 L	19	19
PZ330216	0.80	86	93	18	2	41	43
PZ330242	0.50	30	38	12	1	32	36
PZ330272	0.55	33	150	11	1	28	29
PZ330302	0.70	38	110	11	1	40	41
PZ330332	0.55	37	140	12	1	20	23
PZ330362	0.60	30	220	10	1	33	33
PZ330392	0.55	37	88	12	1	20	23
PZ330422	0.80	24	130	7	1 L	48	45
PZ330452	0.65	33	230	12	1	39	40
PZ330482	0.30	31	190	10	1	41	41
PZ330512	0.65	33	430	12	1	48	50
PZ330542	0.90	35	240	11	1	45	45
PZ330572	0.55	35	98	11	1	32	33
PZ330602	0.60	34	250	11	1 L	42	45
PZ330632	0.90	35	88	10	1	35	33
PZ330662	0.65	27	650	14	1	39	49
PZ330692	0.60	34	670	11	1	28	34
PZ330702	0.60	27	23	11	2	47	46
PZ330722	0.60	30	480	12	1	18	23
PZ330752	0.65	26	670	10	1	25	29
PZ330782	0.60	29	790	12	1	18	27
PZ330812	0.75	30	740	12	1	32	38
PZ330842	0.60	33	140	12	1	28	31
PZ330872	0.60	30	310	11	1	28	32
PZ330902	0.60	29	290	11	1	17	21
PZ330932	0.80	30	190	11	1	27	29
PZ330962	60.00	32	260	11	1	30	33
PZ330992	0.80	25	490	9	1 L	81	85
PZ340302	0.50	28	6	10	1 L	23	26

Table 9.--continued

SAM_ID	ROCK NAME
PZ320318	Hornfels
PZ320348	Hornfels
PZ320378	Hornfels
PZ320408	Hornfels
PZ320428	Quartz monzonite
PZ320466	Hornfels
PZ320503	Hornfels
PZ320538	Hornfels
PZ320572	Hornfels
PZ320602	Hornfels
PZ320644	Hornfels
PZ320673	Hornfels
PZ320703	Hornfels
PZ320773	Hornfels
PZ320803	Hornfels
PZ320824	Hornfels
PZ320854	Granite, somewhat porphyritic
PZ320882	Hornfels
PZ320912	Hornfels
PZ320942	Hornfels
PZ320972	Hornfels
PZ321002	Hornfels
PZ321034	Hornfels
PZ321064	Hornfels
PZ330172	Granite, somewhat porphyritic
PZ330198	Granite, somewhat porphyritic
PZ330216	Hornfels
PZ330242	Granite
PZ330272	Granite
PZ330302	Granodiorite
PZ330332	Granite
PZ330362	Granite
PZ330392	Granite
PZ330422	Granite
PZ330452	Granite
PZ330482	Granite
PZ330512	Granite
PZ330542	Granite
PZ330572	Granite
PZ330602	Granite
PZ330632	Granite
PZ330662	Granite
PZ330692	Granite
PZ330702	Granite
PZ330722	Granite
PZ330752	Granite
PZ330782	Granite
PZ330812	Granite
PZ330842	Granite
PZ330872	Granite
PZ330902	Granite
PZ330932	Granite
PZ330962	Granite
PZ330992	Granite
PZ340302	Granite

Table 9.--continued

SAM_ID	LAB_ID	LATITUDE (N)		LONGITUDE (E)		AG_PPM_P	AL_PCT_T	AL2O3_PCT_X	AS_PPM_T	AS_PPM_P
PZ340702	D525746	50	35	0	19 19	40	0.360	7.50	14.30	10 L 0.7 N
PZ350302	D525775	50	35	0	19 19	40	3.100	6.30	12.10	10 L 0.7 N
PZ350702	D525756	50	35	0	19 19	40	0.610	6.80	12.70	10 L 0.7 N
PZ360302	D525749	50	35	0	19 19	40	0.067 N	9.80	18.70	10 L 1.2
PZ360700	D525748	50	35	0	19 19	40	0.160	8.10	15.30	10 L 0.7 N
PZ370198	D566546	50	35	0	19 19	40	0.820	8.60	17.10	11 1.0 N
PZ370228	D566536	50	35	0	19 19	40	0.440	8.20	16.00	22 11.0
PZ370253	D566533	50	35	0	19 19	40	0.190	8.20	15.70	10 L 1.0 N
PZ370278	D566531	50	35	0	19 19	40	0.600	7.90	15.10	10 L 2.6
PZ370303	D566535	50	35	0	19 19	40	0.460	7.80	15.60	10 L 1.0 N
PZ370333	D566534	50	35	0	19 19	40	0.170	7.60	14.30	11 6.6
PZ370363	D566538	50	35	0	19 19	40	0.540	7.70	15.00	13 7.3
PZ370393	D566545	50	35	0	19 19	40	0.340	8.90	17.50	35 69.0
PZ370423	D566567	50	35	0	19 19	40	0.095	8.80	17.30	10 L 1.0 N
PZ370448	D566568	50	35	0	19 19	40	3.500	7.20	13.80	10 L 4.5
PZ370473	D566557	50	35	0	19 19	40	1.400	6.90	13.10	10 L 4.4
PZ370493	D566541	50	35	0	19 19	40	0.330	7.70	14.70	10 L 1.0 N
PZ370523	D566569	50	35	0	19 19	40	2.700	8.10	15.90	10 2.7
PZ370545	D566539	50	35	0	19 19	40	1.800	6.80	12.80	16 11.0
PZ370563	D566549	50	35	0	19 19	40	0.150	8.40	17.00	10 L 1.9
PZ370593	D566561	50	35	0	19 19	40	0.220	9.00	17.80	10 L 2.1
PZ370623	D566532	50	35	0	19 19	40	1.300	9.00	17.50	11 2.7
PZ370653	D566565	50	35	0	19 19	40	0.360	8.50	17.00	10 L 3.4
PZ370683	D566558	50	35	0	19 19	40	0.600	7.80	15.10	10 L 1.0
PZ370702	D525764	50	35	0	19 19	40	1.100	8.00	14.90	10 L 0.7 N
PZ370710	D566547	50	35	0	19 19	40	0.290	8.90	17.20	26 28.0
PZ370738	D566551	50	35	0	19 19	40	0.320	7.70	15.20	10 L 1.0 N
PZ370763	D566566	50	35	0	19 19	40	0.410	7.10	13.60	10 L 1.0 N
PZ370793	D566552	50	35	0	19 19	40	0.220	9.10	17.60	10 L 1.0 N
PZ370820	D566550	50	35	0	19 19	40	0.420	7.90	15.10	10 L 1.0 N
PZ370843	D566570	50	35	0	19 19	40	0.240	7.90	15.50	10 L 1.2
PZ370873	D566555	50	35	0	19 19	40	0.067 N	7.80	15.20	10 L 1.0 N
PZ370903	D566560	50	35	0	19 19	40	0.260	7.70	14.90	10 L 1.0 N
PZ370933	D566559	50	35	0	19 19	40	0.250	7.60	14.80	10 L 1.0 N
PZ370963	D566544	50	35	0	19 19	40	0.310	7.70	14.80	10 L 1.0 N
PZ370993	D566540	50	35	0	19 19	40	0.067 N	7.90	15.10	10 L 1.0 N
PZ371023	D566562	50	35	0	19 19	40	0.110	8.00	15.50	10 L 1.0 N
PZ371053	D566564	50	35	0	19 19	40	0.250	8.00	15.30	10 L 1.0 N
PZ371083	D566537	50	35	0	19 19	40	0.110	8.00	15.30	10 L 1.0 N
PZ371113	D566542	50	35	0	19 19	40	0.067 N	8.00	15.30	10 L 1.0 N
PZ371143	D566548	50	35	0	19 19	40	0.260	7.80	15.10	10 L 1.0 N
PZ371173	D566563	50	35	0	19 19	40	0.200	7.10	13.80	10 L 1.0 N
PZ371203	D566554	50	35	0	19 19	40	0.130	7.60	14.90	10 L 1.0 N
PZ371233	D566543	50	35	0	19 19	40	0.067 N	7.40	14.20	10 L 1.0 N
PZ371260	D566553	50	35	0	19 19	40	0.099	7.90	15.30	10 L 1.0 N
PZ380302	D525752	50	35	0	19 19	40	0.067 N	5.80	11.00	10 L 0.7 N
PZ380702	D525779	50	35	0	19 19	40	0.160	7.80	14.70	10 L 0.7 N
PZ400302	D525755	50	35	0	19 19	40	1.000	6.70	12.60	10 L 0.7 N
PZ400702	D525780	50	35	0	19 19	40	0.360	8.30	15.90	10 L 0.7 N

Table 9.--continued

SAM_ID	AU_PPM_A	BA_PPM_T	BE_PPM_T	BI_PPM_T	BI_PPM_P	CA_PCT_T	CAO_PCT_X	CD_PPM_T
PZ340702	0.002 N	330	4	10 L	0.67 N	1.90	2.72	2 L
PZ350302	0.002 N	490	9	10 L	5.20	0.53	0.72	2 L
PZ350702	0.002 L	240	3	10 L	0.67 N	1.30	1.70	2 L
PZ360302	0.002 L	580	3	10 L	0.67 N	0.61	0.81	2 L
PZ360700	0.002 L	1200	2	10 L	0.67 N	1.80	2.45	2 L
PZ370198	0.004	580	2	10 L	1.00 N	0.80	1.04	2 L
PZ370228	0.004	430	2	10 L	1.00 N	0.98	1.29	2 L
PZ370253	0.004	830	2	10 L	1.00 N	1.80	2.53	2 L
PZ370278	0.004	610	2	10 L	1.30	1.70	2.35	2 L
PZ370303	0.008	470	2	10 L	1.30	0.61	0.87	2 L
PZ370333	0.002	610	3	10 L	1.00 N	1.00	1.45	2 L
PZ370363	0.004	440	2	10 L	1.00 N	1.30	1.80	2 L
PZ370393	0.002	530	3	10 L	1.00 N	1.20	1.72	2 L
PZ370423	0.002 L	540	3	10 L	2.00	0.90	1.18	2 L
PZ370448	0.002 L	310	2	32	70.00	1.50	2.12	2 L
PZ370473	0.002 L	830	2	10 L	1.50	1.20	1.61	2 L
PZ370493	0.002	890	2	10 L	2.20	1.80	2.64	2 L
PZ370523	0.004 L	450	2	10 L	22.00	0.84	1.16	2 L
PZ370545	0.004	420	2	10 L	10.00 N	1.30	1.78	2 L
PZ370563	0.002 L	550	2	10 L	1.10	0.69	0.78	2 L
PZ370593	0.002 L	560	2	14	16.00	0.71	0.97	2 L
PZ370623	0.002	400	2	10	9.70	0.84	1.12	2 L
PZ370653	0.002	520	2	98	56.00	0.86	1.12	2 L
PZ370683	0.002	400	2	10 L	1.00 N	2.00	2.84	2 L
PZ370702	0.002 L	510	2	10 L	2.70	1.70	2.31	2 L
PZ370710	0.002 L	550	2	10 L	5.70	1.40	2.27	2 L
PZ370738	0.01	110	2	10 L	1.00 N	2.00	2.71	2 L
PZ370763	0.014	320	2	10 L	1.00 N	1.70	2.25	2 L
PZ370793	0.002 L	310	2	10 L	4.30	0.68	0.90	2 L
PZ370820	0.002 L	760	2	10 L	2.20	1.90	2.64	2 L
PZ370843	0.002 L	690	3	10 L	2.80	1.70	2.36	2 L
PZ370873	0.002 L	770	2	10 L	1.10	1.70	2.33	2 L
PZ370903	0.002 L	760	2	10 L	5.30	2.00	2.80	2 L
PZ370933	0.002 L	610	2	10 L	6.10	1.90	2.58	2 L
PZ370963	0.002 L	730	2	10 L	10.00	1.60	2.25	2 L
PZ370993	0.002 L	720	2	10 L	2.10	1.70	2.38	2 L
PZ371023	0.002 L	770	2	10 L	2.00	1.80	2.56	2 L
PZ371053	0.002 L	690	3	40	45.00	2.30	3.18	2 L
PZ371083	0.002 L	710	2	10 L	3.80	2.20	2.95	2 L
PZ371113	0.002 L	790	2	10 L	1.00 N	1.80	2.52	2 L
PZ371143	0.002 L	750	2	12	11.00	1.70	2.40	2 L
PZ371173	0.002 L	370	2	10 L	1.30	1.20	1.50	2 L
PZ371203	0.006	720	2	10 L	1.00 N	1.80	2.46	2 L
PZ371233	0.008	910	2	10 L	2.50	1.10	1.44	2 L
PZ371260	0.006	770	2	10 L	1.10	1.60	2.19	2 L
PZ380302	0.002 N	630	2	10 L	0.67 N	1.70	2.25	2 L
PZ380702	0.002 N	700	2	10 L	1.60	1.90	2.56	2 L
PZ400302	0.008	170	2	10 L	0.67 N	2.00	2.84	2 L
PZ400702	0.002 N	520	3	10 L	1.30	1.00	1.37	2 L

Table 9.--continued

SAM_ID	CD_PPM_P	CE_PPM_T	CO_PPM_T	CR_PPM_T	CU_PPM_T	CU_PPM_P	FE_PCT_T	FETO3_PCT_X
PZ340702	0.066	75	15	97	680	400	3.60	5.03
PZ350302	0.091	47	11	28	2500	1500	2.70	4.10
PZ350702	0.130	29	6	2	1400	840	1.80	2.56
PZ360302	0.067	69	21	65	15	12	5.50	7.81
PZ360700	0.260	69	8	7	56	38	2.10	2.96
PZ370198	0.050 N	69	22	83	440	510	4.50	6.61
PZ370228	0.300	61	13	49	280	340	3.80	5.55
PZ370253	0.086	52	9	50	220	240	2.40	3.40
PZ370278	0.380	46	10	63	570	560	2.30	3.28
PZ370303	0.140	67	17	92	640	700	4.40	6.64
PZ370333	0.240	89	16	91	130	130	4.00	5.78
PZ370363	0.180	64	20	130	540	630	4.60	6.55
PZ370393	0.230	75	22	53	490	290	4.50	6.27
PZ370423	0.050 N	74	19	58	76	77	4.80	6.95
PZ370448	2.300	56	16	87	600	620	4.70	6.81
PZ370473	2.200	36	6	5	800	850	1.50	2.16
PZ370493	0.230	42	5	5	500	380	1.90	2.86
PZ370523	1.100	71	20	100	560	1000	5.10	7.44
PZ370545	1.300	36	5	7	1500	1500	1.80	2.56
PZ370563	0.095	65	20	57	160	160	4.80	7.19
PZ370593	0.950	72	19	64	140	160	5.00	7.32
PZ370623	0.320	68	19	62	170	170	5.20	7.49
PZ370653	0.120	63	18	57	120	130	4.80	7.12
PZ370683	1.100	82	10	13	680	720	2.50	3.81
PZ370702	0.710	51	8	7	1100	730	2.20	3.13
PZ370710	0.300	77	19	67	130	140	5.00	7.17
PZ370738	0.300	90	15	36	460	390	3.00	4.10
PZ370763	0.340	81	10	13	800	790	2.70	3.84
PZ370793	0.081	75	20	66	140	130	5.30	7.47
PZ370820	0.220	48	6	9	190	210	1.80	2.62
PZ370843	0.096	47	5	8	200	170	1.80	2.66
PZ370873	0.300	44	5	5	30	28	1.70	2.41
PZ370903	0.500	46	3	4	80	97	1.00	1.58
PZ370933	0.270	46	5	5	78	72	1.70	2.45
PZ370963	0.580	47	4	5	240	210	1.40	2.07
PZ370993	0.110	46	4	4	73	73	1.60	2.33
PZ371023	0.130	48	5	4	80	79	1.70	2.49
PZ371053	0.400	44	3	4	150	150	1.10	1.64
PZ371083	0.580	48	3	5	47	49	1.20	1.78
PZ371113	0.050 N	49	5	5	22	26	1.80	2.53
PZ371143	0.290	52	5	6	110	120	2.10	3.08
PZ371173	0.610	48	5	3	67	72	1.60	2.30
PZ371203	0.240	44	5	5	22	24	1.50	2.21
PZ371233	0.180	54	3	3	30	22	1.10	1.60
PZ371260	0.990	47	5	5	33	36	1.90	2.73
PZ380302	0.120	32	2	5	8	7	0.68	0.98
PZ380702	0.240	32	3	7	44	42	0.92	1.42
PZ400302	0.640	59	39	110	7000	2500 G	5.60	8.20
PZ400702	0.750	59	20	84	1100	600	4.30	6.15

Table 9.--continued

SAM_ID	GA_PPM_T	HG_PPM_A	K_PCT_T	K2O_PCT_X	LA_PPM_T	LI_PPM_T	LOI_925C_X	MG_PCT_T
PZ340702	19	0.02 N	2.70	3.09	39	65	0.76	1.90
PZ350302	15	0.04	4.30	5.34	26	39	1.08	1.00
PZ350702	14	0.03	3.40	4.10	19	17	1.25	0.43
PZ360302	23	0.02 N	3.30	4.00	34	38	3.31	1.90
PZ360700	18	0.02 N	2.50	3.00	39	25	1.26	0.74
PZ370198	20	0.02 L	3.30	4.29	38	26	3.19	1.40
PZ370228	20	0.02 L	2.90	3.64	32	63	4.48	1.20
PZ370253	17	0.02 L	2.50	3.05	31	30	1.86	0.82
PZ370278	17	0.02 L	2.60	3.13	28	18	2.20	0.64
PZ370303	20	0.02 L	2.80	3.73	35	37	2.25	1.80
PZ370333	20	0.02 L	2.50	3.04	44	52	3.10	1.90
PZ370363	18	0.02 L	2.20	2.76	34	29	2.34	1.90
PZ370393	22	0.02 L	3.30	4.20	42	120	4.55	1.40
PZ370423	22	0.02 L	3.40	4.40	40	41	2.62	1.60
PZ370448	20	0.02 L	2.30	2.92	32	43	2.81	1.70
PZ370473	15	0.02 L	2.80	3.55	22	19	2.01	0.37
PZ370493	17	0.02 L	2.40	2.91	24	19	1.87	0.53
PZ370523	20	0.02 L	3.10	3.99	39	51	3.22	2.00
PZ370545	15	0.02 L	2.20	2.68	22	46	2.04	0.48
PZ370563	21	0.02 L	3.70	4.88	35	33	2.56	1.70
PZ370593	22	0.02 L	3.30	4.17	40	31	3.05	1.70
PZ370623	22	0.02 L	3.30	4.23	37	67	3.46	1.70
PZ370653	20	0.02 L	3.00	3.81	34	45	3.13	1.60
PZ370683	18	0.02 L	2.70	3.18	48	28	1.64	0.85
PZ370702	18	0.02	2.60	3.21	30	23	1.28	0.73
PZ370710	22	0.02 L	3.50	4.29	42	46	2.45	1.70
PZ370738	19	0.02 L	2.80	3.44	51	20	1.52	0.84
PZ370763	17	0.02 L	2.40	2.99	47	24	1.11	0.75
PZ370793	21	0.07	3.30	4.14	41	43	3.10	1.60
PZ370820	17	0.02 L	2.90	3.51	30	86	2.25	0.59
PZ370843	18	0.02 L	3.00	3.73	29	25	1.79	0.58
PZ370873	19	0.02 L	3.10	3.81	28	25	1.30	0.60
PZ370903	18	0.02 L	3.10	3.86	29	22	1.16	0.51
PZ370933	18	0.1	3.00	3.72	29	24	1.49	0.49
PZ370963	18	0.02 L	3.20	3.83	29	27	1.15	0.59
PZ370993	19	0.02 L	3.00	3.69	28	25	1.06	0.55
PZ371023	19	0.02 L	2.80	3.40	30	27	1.02	0.60
PZ371053	18	0.02 L	2.60	3.17	27	16	1.22	0.55
PZ371083	18	0.02 L	2.50	3.08	30	21	0.89	0.63
PZ371113	19	0.02 L	2.60	3.19	30	20	1.12	0.60
PZ371143	18	0.02 L	2.70	3.31	32	26	1.39	0.57
PZ371173	14	0.02 L	3.60	4.54	30	21	1.30	0.32
PZ371203	19	0.02 L	3.10	3.90	28	22	2.13	0.42
PZ371233	17	0.02 L	3.70	4.55	33	22	0.93	0.35
PZ371260	18	0.02 L	2.90	3.52	29	30	1.45	0.61
PZ380302	12	0.02 N	2.80	3.38	20	14	1.25	0.44
PZ380702	16	0.02 N	3.10	3.83	19	20	0.85	0.56
PZ400302	15	0.02	1.80	2.19	32	29	2.06	1.50
PZ400702	19	0.02 N	4.00	4.93	32	35	1.15	1.80

Table 9.--continued

SAM_ID	MGO_PCT_X	MN_PPM_T	MNO_PCT_X	MO_PPM_T	MO_PPM_P	NA_PCT_T	NA2O_PCT_X	NB_PPM_T
PZ340702	3.07	660	0.09	30	2.80	2.20	2.98	18
PZ350302	1.66	500	0.08	330	22.00	1.80	2.37	6
PZ350702	0.69	120	0.02	350	33.00	2.20	2.87	5
PZ360302	3.28	960	0.13	2 L	0.21	1.60	2.11	12
PZ360700	1.18	470	0.07	2 L	0.18	3.20	4.28	6
PZ370198	2.46	620	0.07	58	6.70	2.00	2.42	20
PZ370228	2.06	690	0.09	55	14.00	1.60	1.99	19
PZ370253	1.34	360	0.05	47	7.10	3.00	4.02	18
PZ370278	1.04	240	0.04	28	7.30	2.80	3.77	16
PZ370303	3.16	690	0.09	63	7.80	1.90	2.52	22
PZ370333	3.20	720	0.10	17	4.30	1.40	1.70	23
PZ370363	3.13	570	0.08	29	7.70	2.20	2.94	20
PZ370393	2.39	960	0.12	11	3.50	0.99	1.17	22
PZ370423	2.74	940	0.12	18	5.10	1.60	2.08	24
PZ370448	2.92	810	0.11	94	8.70	2.00	2.55	22
PZ370473	0.60	380	0.05	160	27.00	2.60	3.39	12
PZ370493	0.89	470	0.07	34	3.80	3.00	4.00	13
PZ370523	3.42	1000	0.13	19	2.10	1.60	1.91	24
PZ370545	0.75	420	0.05	53	9.80	2.50	3.31	12
PZ370563	3.00	850	0.11	19	4.20	1.30	1.60	22
PZ370593	2.88	930	0.13	19	2.50	1.40	1.88	24
PZ370623	2.85	1100	0.15	240	36.00	1.30	1.58	21
PZ370653	2.77	1000	0.14	790	52.00	1.30	1.69	20
PZ370683	1.46	430	0.06	52	9.50	2.60	3.42	18
PZ370702	1.17	290	0.04	42	5.00	2.70	3.52	7
PZ370710	2.95	1000	0.15	33	2.90	1.50	2.06	22
PZ370738	1.35	420	0.06	27	2.60	2.60	3.60	15
PZ370763	1.21	390	0.05	64	8.60	2.70	3.62	16
PZ370793	2.76	890	0.12	280	31.00	1.30	1.74	24
PZ370820	0.94	410	0.05	110	15.00	2.50	3.27	17
PZ370843	0.95	260	0.04	40	7.20	3.00	4.07	15
PZ370873	1.02	240	0.03	61	20.00	2.80	3.74	17
PZ370903	0.86	260	0.04	9	2.20	2.80	3.76	17
PZ370933	0.82	250	0.04	47	12.00	2.60	3.49	15
PZ370963	0.96	230	0.03	10	4.00	2.80	3.70	16
PZ370993	0.88	260	0.04	8	2.70	2.90	3.77	16
PZ371023	0.98	220	0.03	11	4.20	3.00	4.14	18
PZ371053	0.87	190	0.03	5	3.70	3.10	4.16	16
PZ371083	1.03	240	0.03	12	3.30	3.20	4.31	16
PZ371113	0.97	230	0.03	17	4.60	3.10	4.18	17
PZ371143	0.95	280	0.04	180	38.00	2.90	3.82	15
PZ371173	0.56	230	0.03	34	12.00	2.40	3.31	14
PZ371203	0.68	320	0.05	48	16.00	2.70	3.55	15
PZ371233	0.56	220	0.03	15	6.60	2.60	3.54	15
PZ371260	0.99	360	0.05	2 L	1.50	3.00	4.04	15
PZ380302	0.69	200	0.03	210	37.00	2.00	2.60	7
PZ380702	0.91	210	0.03	180	47.00	2.90	3.87	8
PZ400302	2.55	540	0.08	2	0.06 N	1.50	1.92	12
PZ400702	3.10	530	0.07	48	2.70	1.90	2.51	8

Table 9.--continued

SAM_ID	ND_PPM_T	NI_PPM_T	P_PCT_T	P2O5_PCT_X	PB_PPM_T	PB_PPM_P	S_PCT_C	SB_PPM_P
PZ340702	34	35	0.060	0.15	8	2.0	0.16	0.7 N
PZ350302	23	18	0.080	0.19	18	7.4	0.79	0.7 N
PZ350702	10	2 L	0.050	0.12	15	5.0	1.17	0.7 N
PZ360302	33	34	0.110	0.26	11	5.1	0.22	0.7 N
PZ360700	26	5	0.080	0.20	21	9.7	0.38	0.7 N
PZ370198	31	150	0.080	0.20	9	6.7	0.54	1.0 N
PZ370228	30	68	0.080	0.22	23	28.0	0.62	1.0
PZ370253	23	270	0.070	0.17	11	3.1	0.18	1.0 N
PZ370278	18	370	0.060	0.16	14	6.9	0.57	1.0 N
PZ370303	31	130	0.060	0.15	6	4.0	0.26	1.0 N
PZ370333	41	190	0.070	0.18	17	13.0	0.31	1.4
PZ370363	29	180	0.070	0.19	5	4.5	0.65	1.0 N
PZ370393	35	30	0.090	0.20	10	5.6	0.43	1.7
PZ370423	37	31	0.070	0.18	10	3.1	0.20	1.0 N
PZ370448	26	34	0.120	0.31	44	68.0	0.68	1.0 N
PZ370473	17	5	0.050	0.13	50	39.0	0.45	1.8
PZ370493	17	3	0.060	0.17	18	7.7	0.32	1.0 N
PZ370523	33	42	0.070	0.19	10	9.5	1.06	1.0 N
PZ370545	16	5	0.050	0.12	24	19.0	0.63	10.0 N
PZ370563	32	32	0.090	0.21	7	4.2	0.44	1.0 N
PZ370593	37	31	0.090	0.22	10	5.9	0.57	1.0 N
PZ370623	33	33	0.100	0.24	33	31.0	0.79	1.0 N
PZ370653	32	29	0.100	0.25	10	5.8	0.58	1.0 N
PZ370683	34	7	0.100	0.25	18	12.0	0.62	1.0 N
PZ370702	22	5	0.080	0.18	13	3.9	0.69	0.7 N
PZ370710	38	32	0.100	0.26	21	15.0	0.67	1.2
PZ370738	38	13	0.120	0.25	30	26.0	1.14	1.0 N
PZ370763	34	10	0.110	0.26	51	45.0	0.76	1.0 N
PZ370793	36	31	0.110	0.26	13	10.0	0.92	1.0 N
PZ370820	20	3	0.070	0.16	21	12.0	0.26	1.9
PZ370843	20	25	0.060	0.17	12	4.9	0.69	1.0 N
PZ370873	19	3	0.060	0.16	24	13.0	0.38	1.0 N
PZ370903	19	2	0.050	0.15	26	18.0	0.33	1.0 N
PZ370933	20	3	0.060	0.14	36	23.0	0.65	1.0 N
PZ370963	20	2	0.050	0.14	25	15.0	0.39	1.0 N
PZ370993	20	3	0.060	0.15	19	10.0	0.53	1.0 N
PZ371023	20	2	0.060	0.16	20	9.9	0.24	1.0 N
PZ371053	18	2	0.060	0.15	21	13.0	0.37	1.0 N
PZ371083	19	3	0.060	0.16	19	11.0	0.18	1.0 N
PZ371113	20	3	0.060	0.16	18	8.6	0.12	1.0 N
PZ371143	21	4	0.060	0.16	43	33.0	0.36	1.0 N
PZ371173	21	2	0.050	0.13	42	31.0	0.71	1.0 N
PZ371203	20	2	0.060	0.15	21	13.0	0.32	1.0 N
PZ371233	21	2 L	0.040	0.12	30	14.0	0.19	1.0 N
PZ371260	21	3	0.060	0.15	36	25.0	0.17	1.0 N
PZ380302	13	3	0.040	0.11	11	3.3	0.11	0.7 N
PZ380702	12	2	0.050	0.13	18	7.9	0.13	0.7 N
PZ400302	27	40	0.060	0.12	12	5.5	2.23	0.7 N
PZ400702	29	37	0.100	0.23	41	32.0	0.46	0.7 N

Table 9.--continued

SAM_ID	SC_PPM_T	SIO2_PCT_X	SN_PPM_T	SR_PPM_T	TE_PPM_A	TH_PPM_T	TI_PCT_T	TIO2_PCT_X
PZ340702	17	65.50	5 L	140	0.05	14	0.520	0.92
PZ350302	13	70.30	5 L	120	0.30	8	0.220	0.58
PZ350702	4	71.70	5 L	320	0.20	5	0.120	0.31
PZ360302	23	58.10	5 L	85	0.05	11	0.560	0.95
PZ360700	6	67.70	5 L	550	0.05	10	0.250	0.50
PZ370198	19	61.10	5 L	120	0.10	9	0.500	0.92
PZ370228	16	62.70	5 L	200	0.10 L	10	0.410	0.78
PZ370253	7	66.40	5 L	440	0.10 L	11	0.300	0.52
PZ370278	6	67.90	5 L	380	0.30	9	0.220	0.43
PZ370303	16	63.30	5 L	110	0.40	14	0.470	0.86
PZ370333	13	65.50	5 L	230	0.10 L	24	0.380	0.82
PZ370363	18	63.30	5 L	460	0.10 L	9	0.550	1.02
PZ370393	19	59.60	5 L	140	0.10 L	10	0.470	0.79
PZ370423	18	60.80	5 L	110	0.20	12	0.470	0.78
PZ370448	16	63.30	5 L	260	1.00	11	0.550	1.01
PZ370473	5	71.30	5 L	310	0.10 L	10	0.160	0.33
PZ370493	5	68.00	5 L	460	0.10 L	8	0.220	0.43
PZ370523	20	60.50	5 L	110	2.00	11	0.500	1.06
PZ370545	5	72.00	5 L	250	1.00	9	0.160	0.33
PZ370563	19	61.10	5 L	94	0.80	11	0.460	0.80
PZ370593	21	59.70	5 L	74	11.00	12	0.470	0.87
PZ370623	20	59.20	5 L	93	0.90	11	0.450	0.85
PZ370653	19	61.20	5 L	77	70.00	10	0.430	0.83
PZ370683	6	66.60	5 L	520	0.20	10	0.330	0.56
PZ370702	6	68.20	5 L	450	1.60	8	0.220	0.46
PZ370710	20	59.00	5 L	130	3.00	13	0.520	0.92
PZ370738	7	66.30	5 L	550	0.40	11	0.320	0.54
PZ370763	6	69.60	5 L	450	0.20	11	0.320	0.52
PZ370793	22	60.10	5 L	75	3.00	11	0.480	0.91
PZ370820	6	67.80	5 L	350	0.80	9	0.220	0.41
PZ370843	5	67.30	5 L	510	0.60	9	0.230	0.46
PZ370873	5	68.90	5 L	450	0.10	9	0.240	0.42
PZ370903	5	69.40	5 L	430	0.20	9	0.210	0.38
PZ370933	5	68.90	5 L	390	0.30	10	0.210	0.39
PZ370963	5	69.80	5 L	410	0.20	8	0.220	0.38
PZ370993	5	69.20	5 L	440	0.10	8	0.230	0.40
PZ371023	5	68.60	5 L	460	0.10	9	0.260	0.44
PZ371053	5	68.80	5 L	480	1.00	8	0.250	0.43
PZ371083	5	69.10	5 L	470	0.10	8	0.260	0.44
PZ371113	5	68.70	5 L	490	0.10 L	8	0.270	0.43
PZ371143	5	68.30	5 L	440	0.90	8	0.240	0.43
PZ371173	3	71.20	5 L	300	0.50	11	0.100	0.26
PZ371203	4	68.60	5 L	290	0.00 B	10	0.140	0.39
PZ371233	4	71.90	5 L	340	0.10 L	10	0.130	0.23
PZ371260	5	68.20	5 L	430	0.10	10	0.230	0.43
PZ380302	4	76.10	5 L	300	0.05 N	5	0.160	0.30
PZ380702	5	69.90	5 L	410	0.15	6	0.210	0.38
PZ400302	17	64.10	5 L	170	0.70	7	0.520	1.11
PZ400702	20	62.20	5 L	110	0.45	10	0.460	0.94

Table 9.--continued

SAM_ID	TL_PPM_A	V_PPM_T	W_PPM_V	Y_PPM_T	YB_PPM_T	ZN_PPM_T	ZN_PPM_P
PZ340702	0.90	110	19	30	3	61	52
PZ350302	0.80	70	140	12	1	48	49
PZ350702	0.40	31	5	8	1 L	44	46
PZ360302	0.75	130	3	25	4	90	81
PZ360700	0.50	52	8	12	1 L	77	76
PZ370198	1.00	110	48	15	2	51	50
PZ370228	1.00	82	16	18	2	97	95
PZ370253	0.80	50	8	11	1 L	33	34
PZ370278	0.80	41	11	10	1 L	56	59
PZ370303	1.00	99	9	13	1	94	100
PZ370333	0.95	86	10	26	3	94	96
PZ370363	1.00	130	14	11	1	59	61
PZ370393	1.00	100	19	18	2	99	110
PZ370423	1.00	99	15	13	2	99	97
PZ370448	1.00	120	24	14	1 L	180	260
PZ370473	1.00	37	44	9	1	590	600
PZ370493	0.80	40	8	10	1 L	88	73
PZ370523	1.00	140	29	17	2	210	160
PZ370545	0.75	36	42	9	1 L	200	200
PZ370563	1.50	110	13	12	1	94	96
PZ370593	1.00	120	12	13	1	170	170
PZ370623	1.00	110	15	17	1	130	130
PZ370653	0.80	100	8	13	1	100	100
PZ370683	0.70	63	18	12	1	100	140
PZ370702	0.60	50	6	11	1	58	54
PZ370710	1.00	120	12	15	1	170	180
PZ370738	0.85	69	12	13	1 L	49	54
PZ370763	0.50	62	18	11	1 L	53	60
PZ370793	1.00	120	23	17	1	93	87
PZ370820	0.75	41	12	12	2	47	44
PZ370843	0.75	40	37	10	1 L	57	38
PZ370873	1.00	38	26	11	1 L	72	64
PZ370903	0.55	33	22	11	1	51	56
PZ370933	0.65	35	39	11	1	120	100
PZ370963	0.70	33	63	11	1	76	62
PZ370993	1.00	35	30	11	1 L	40	42
PZ371023	0.55	40	20	11	1 L	33	31
PZ371053	0.50	40	82	11	1	49	36
PZ371083	0.50	40	44	11	1	68	52
PZ371113	0.50	39	8	11	1 L	23	25
PZ371143	0.60	40	32	11	1 L	58	60
PZ371173	0.75	24	58	11	1 L	88	82
PZ371203	0.00 B	32	4	12	1	52	47
PZ371233	0.80	21	14	11	1 L	52	53
PZ371260	0.60	39	21	11	1 L	140	130
PZ380302	0.25	30	49	9	1 L	27	25
PZ380702	0.37	33	43	11	1 L	30	33
PZ400302	0.90	130	0 H	18	2	98	73
PZ400702	1.30	120	3	13	2	180	170

Table 9.--continued

SAM_ID	ROCK NAME
PZ340702	Hornfels
PZ350302	Hornfels
PZ350702	Granite
PZ360302	Hornfels
PZ360700	Granodiorite porphyry
PZ370198	Hornfels
PZ370228	Hornfels
PZ370253	Granite, somewhat porphyritic
PZ370278	Granite, somewhat porphyritic
PZ370303	Hornfels
PZ370333	Hornfels
PZ370363	Hornfels
PZ370393	Hornfels
PZ370423	Hornfels
PZ370448	Hornfels
PZ370473	Granite, somewhat porphyritic
PZ370493	Granite, somewhat porphyritic
PZ370523	Hornfels
PZ370545	Granite, somewhat porphyritic
PZ370563	Hornfels
PZ370593	Hornfels
PZ370623	Hornfels
PZ370653	Hornfels
PZ370683	Granite, somewhat porphyritic
PZ370702	Granodiorite
PZ370710	Hornfels
PZ370738	Granite, somewhat porphyritic
PZ370763	Granite, somewhat porphyritic
PZ370793	Hornfels
PZ370820	Granite, somewhat porphyritic
PZ370843	Granite
PZ370873	Granite
PZ370903	Granite
PZ370933	Granite
PZ370963	Granite
PZ370993	Granite
PZ371023	Granite
PZ371053	Granite
PZ371083	Granite
PZ371113	Granite
PZ371143	Granite
PZ371173	Granite
PZ371203	Granite
PZ371233	Granite
PZ371260	Granite
PZ380302	Granite, somewhat porphyritic
PZ380702	Granite, somewhat porphyritic
PZ400302	Hornfels
PZ400702	Hornfels