U. S. DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

# Analytical results and sample locality map of soil samples from the Río Viví porphyry copper district, Municipios of Utuado and Adjuntas, Puerto Rico

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## INTRODUCTION

In 1970, 1971, 1972, and 1978, the U.S. Geological Survey conducted a geochemical soil survey of the Río Viví copper district Municipios of Utuado and Adjuntas, Puerto Rico.

The Río Viví district, comprises about 14 $km^2$ in the southeast corner of the Municipio of Utuado and the northeast corner of the Municipio of Adjuntas, Puerto Rico, and lies about 10km south of the pueblo of Utuado. Access to the study area is provided from the north by Route PR-605.

The geology of the Adjuntas quadrangle, in which the Río Viví district lies, was mapped at 1:20,000 scale by Mattson (1968). The geology of the district itself was described by Bradley (1971) and mapped at 1:5,000 scale by Bradley and other AMAX geologists. The district was characterized geochemically by Learned and Boissen (1973).

The principal lithologic units of the area are Cretaceous and Lower Tertiary lavas and tuffs, but significant units of Upper Cretaceous and Eocene intrusive rocks are also present. The Utuado batholith, a Late Cretaceous granodiorite body, is the major intrusive unit of the area, but the copper deposits occur in small, quartz diorite porphyry stocks of Eocene age that intrude the batholith along its southwestern margin as well as the adjacent volcanic rocks.

The Río Viví district is located in west-central Puerto Rico on the northern slope of the Cordillera Central. Topographically, the area is one of strongly dissected uplands situated between the Río Viví and the Río Pellejas, both of which are tributaries of the Río Grande de Arecibo. Elevations in the area range from 400 to 750 m above sea level. Average annual rainfall in the area exceeds 200 cm. The vegetation present is that of coffee, banana, and citrus farms, as well as pasture.

## METHODS OF STUDY

### Sample Media

Soil was the medium chosen to geochemically characterize the deposits and environs of the Río Viví district, inasmuch as rock in the region is commonly covered by tens of meters of soil-saprolite overburden. The results of our study clearly reflect the mineralization known from drill core information, indicating that the soils of the area are essentially residual rather than transported.

### Sample Collection

Soil samples were collected at 50-meter intervals along ridge-and-spur traverses crossing an area of approximately 14 km2. Most of the 632 samples collected represent the B-horizon of the solum, although analysis of variance applied to samples from 30 soil profiles indicates that choice of soil horizon is not critical, and that chemical differentiation in these immature soils was minimal. Sampling of the B-horizon simply avoids the troublesome organic content of the A-horizon as well as excessive augering or shovelling to reach the C-horizon.

Figure 1. Localities of soil samples from the Río Viví district Municipios of Utuado and Adjuntas, Puerto Rico. The grid is the Puerto Rican map grid system, ticks are 1000 m appart.

## Sample Preparation

The soil samples were oven-dried at approximately 105°C, then sieved using a 0.25 mm stainless steel sieve. the minus 0.25 mm fraction was retained for analysis, although a pilot study of 6 grain-size fractions indicate that choice of fraction was not critical for most elements of interest, with the possible exception of gold.

## Sample Analysis

### Spectrographic method

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

### Chemical methods

Other methods of analysis used on samples from the Río Viví are summarized in table 2.

Analytical results for soil samples are listed in table 3.

## GEOCHEMICAL DATA STORAGE SYSTEM

Upon completion of all analytical work, the results were entered into a geochemical data base. This data base contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and converted to a binary form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1977).

## DESCRIPTION OF DATA TABLES

Table 3 list the results of analyses for the soil samples. The data in table 3 are arranged so that column 1 contains the USGS-assigned sample numbers. These numbers correspond to the numbers shown on the site location maps (plate 1). Columns in which the element headings show the letter "S" before the element symbol are emission spectrographic analyses; "AA" indicates atomic absorption analyses. A letter "N" in the tables indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in tables 1and 2. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the tables in front of the lower limit of determination. If an element was observed but was above the highest reporting value, a "greater than" symbol (>) was entered in the tables in front of the upper limit of determination. If an element was not looked for in a sample, two dashes (--) are entered in tables 3 in place of an analytical value. Because of the formatting used in the computer program that produced table 3, some of the elements listed in these tables carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros. The columns for elements not detected by the emission spectrographic method have been deleted from table 3.

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TABLE 1.-- Limits of determination for the spectrographic analysis of soils based on a 10-mg sample.

| Elements | Lower determination limit | Upper determination limit |
|---|---|---|
| | Percent | |
| Calcium (Ca) | .05 | 20 |
| Iron (Fe) | 0.05 | 20 |
| Magnesium (Mg) | .02 | 10 |
| Sodium (Na) | 0.2 | 5 |
| Phosphorus (P) | 0.2 | 10 |
| Titanium (Ti) | .002 | 1 |
| | Parts per million | |
| Silver (Ag) | 0.5 | 5,000 |
| Arsenic (As) | 200 | 10,000 |
| Gold (Au) | 10 | 500 |
| Boron (B) | 10 | 2,000 |
| Barium (Ba) | 20 | 5,000 |
| Beryllium (Be) | 1 | 1,000 |
| Bismuth (Bi) | 10 | 1,000 |
| Cadmium (Cd) | 20 | 500 |
| Cobalt (Co) | 10 | 2,000 |
| Chromium (Cr) | 10 | 5,000 |
| Copper (Cu) | 5 | 20,000 |
| Gallium (Ga) | 5 | 500 |
| Germanium (Ge) | 10 | 100 |
| Lanthanum (La) | 50 | 1,000 |
| Manganese (Mn) | 10 | 5,000 |
| Molybdenum (Mo) | 5 | 2,000 |
| Niobium (Nb) | 20 | 2,000 |
| Nickel (Ni) | 5 | 5,000 |
| Lead (Pb) | 10 | 20,000 |
| Antimony (Sb) | 100 | 10,000 |
| Scandium (Sc) | 5 | 100 |
| Tin (Sn) | 10 | 1,000 |
| Strontium (Sr) | 100 | 5,000 |
| Thorium (Th) | 100 | 2,000 |
| Vanadium (V) | 10 | 10,000 |
| Tungsten (W) | 20 | 10,000 |
| Yttrium (Y) | 10 | 2,000 |
| Zinc (Zn) | 200 | 10,000 |
| Zirconium (Zr) | 10 | 1,000 |

TABLE 2. Chemical methods
[AA = atomic absorption]

| Element or constituent determined | Method | Determination limit (micrograms/ grain or ppm) | Reference |
|---|---|---|---|
| Gold (Au) | AA | 0.05 | Thompson and others, 1968. |
| Copper (Cu) | AA | 5 | Ward, and others, 1969. |
| Lead (Pb) | AA | 5 | |
| Zinc (Zn) | AA | 5 | |

Table 3. Results of chemical analysis for the Río Viví soil samples.

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0291 | 127,540 | 38,050 | 7.0 | 1.00 | .20 | .50 | 1,500 | .5 | <10 | 100 | N | 20 | 20 | 1,000 |
| 0292 | 127,550 | 38,085 | 7.0 | .50 | <.05 | .30 | 300 | N | <10 | 50 | N | 5 | N | 500 |
| 0293 | 127,560 | 38,125 | 7.0 | .30 | .15 | .70 | 50 | N | 20 | 150 | N | N | 100 | 150 |
| 0294 | 127,580 | 38,150 | 5.0 | .15 | .05 | .50 | 30 | N | <10 | 300 | N | N | 20 | 30 |
| 0295 | 127,590 | 38,180 | 7.0 | .10 | <.05 | .70 | 150 | N | <10 | 70 | N | N | 50 | 70 |
| 0296 | 127,610 | 38,205 | 5.0 | .05 | <.05 | .50 | 70 | N | <10 | 100 | N | N | 70 | 70 |
| 0297 | 127,560 | 38,210 | 3.0 | .07 | <.05 | .30 | 50 | N | 10 | 70 | N | N | 70 | 70 |
| 0298 | 127,520 | 38,275 | 5.0 | .05 | <.05 | .30 | 10 | N | 10 | 70 | N | N | 70 | 100 |
| 0299 | 127,480 | 38,320 | 7.0 | .10 | <.05 | .70 | 70 | N | <10 | 100 | N | N | 30 | 70 |
| 0300 | 127,450 | 38,350 | 5.0 | .15 | .05 | .50 | 30 | N | <10 | 100 | 1 | N | 150 | 70 |
| 0301 | 127,410 | 38,410 | 3.0 | .10 | <.05 | .50 | 20 | N | <10 | 150 | N | N | 50 | 70 |
| 0302 | 127,230 | 38,200 | 7.0 | .30 | .20 | .50 | 70 | N | <10 | 300 | N | N | 50 | 150 |
| 0303 | 127,260 | 38,250 | 7.0 | .20 | <.05 | .50 | 50 | N | <10 | 100 | N | N | 20 | 200 |
| 0304 | 127,310 | 38,285 | 7.0 | .20 | .20 | .70 | 20 | N | <10 | 200 | N | N | 50 | 100 |
| 0305 | 127,350 | 38,320 | 3.0 | .15 | .05 | .50 | 10 | N | <10 | 300 | N | N | 30 | 30 |
| 0306 | 127,370 | 38,350 | 3.0 | .15 | .05 | .50 | 20 | N | <10 | 300 | N | N | 30 | 70 |
| 0307 | 127,370 | 38,450 | 3.0 | .07 | <.05 | .50 | 30 | N | 10 | 100 | N | N | 30 | 100 |
| 0308 | 127,340 | 38,520 | 3.0 | .10 | <.05 | .70 | 30 | N | <10 | 500 | N | N | 30 | 30 |
| 0309 | 127,310 | 38,555 | 3.0 | .05 | .05 | 1.00 | 30 | N | <10 | 100 | N | N | 20 | 50 |
| 0310 | 126,940 | 38,250 | 7.0 | .70 | .05 | .70 | 300 | N | <10 | 150 | N | 10 | 30 | 700 |
| 0311 | 126,930 | 38,305 | 7.0 | .15 | <.05 | .70 | 300 | N | <10 | 50 | 1 | N | 70 | 300 |
| 0312 | 126,930 | 38,360 | 7.0 | .20 | .05 | 1.00 | 300 | N | 10 | 150 | N | N | 70 | 200 |
| 0313 | 126,940 | 38,420 | 5.0 | .10 | .15 | .50 | 20 | N | <10 | 150 | N | N | 50 | 100 |
| 0314 | 126,970 | 38,470 | 5.0 | .15 | <.05 | .50 | 50 | N | <10 | 150 | N | N | 30 | 150 |
| 0315 | 127,030 | 38,520 | 7.0 | .05 | .07 | .50 | 30 | N | <10 | 70 | N | N | 30 | 150 |
| 0316 | 127,070 | 38,590 | 3.0 | .10 | .05 | .50 | 30 | N | <10 | 200 | N | N | 20 | 100 |
| 0317 | 127,250 | 38,590 | 3.0 | .07 | <.05 | .50 | 50 | N | <10 | 100 | N | N | 20 | 70 |
| 0318 | 127,210 | 38,620 | 3.0 | .07 | .05 | .50 | 15 | N | <10 | 200 | N | N | 20 | 30 |
| 0319 | 127,150 | 38,635 | 3.0 | .05 | .07 | .70 | 15 | N | <10 | 30 | N | N | 30 | 50 |
| 0320 | 127,090 | 38,670 | 3.0 | .05 | <.05 | .70 | 15 | N | <10 | 100 | N | N | 20 | 50 |
| 0321 | 127,060 | 38,720 | 5.0 | .03 | <.05 | .30 | 10 | N | <10 | 70 | N | N | 30 | 30 |
| 0322 | 127,030 | 38,780 | 3.0 | .05 | .10 | .30 | 10 | N | <10 | 200 | N | N | 70 | 70 |
| 0323 | 127,010 | 38,830 | 3.0 | .10 | .05 | .30 | 30 | N | <10 | 200 | N | N | 50 | 150 |
| 0324 | 126,960 | 38,850 | 3.0 | .10 | <.05 | .30 | 10 | N | <10 | 300 | N | N | N | 30 |
| 0325 | 126,920 | 38,860 | 3.0 | .10 | .07 | .70 | 15 | N | 10 | 200 | N | N | 50 | 70 |
| 0326 | 126,870 | 38,860 | 3.0 | .10 | .10 | .30 | 30 | .5 | <10 | 150 | N | N | 30 | 50 |
| 0327 | 126,840 | 38,820 | 3.0 | .05 | .05 | .30 | 10 | N | <10 | 100 | N | N | 30 | 30 |
| 0328 | 126,820 | 38,770 | 2.0 | .05 | .10 | .20 | 10 | N | <10 | 70 | N | N | 20 | 70 |
| 0329 | 126,790 | 38,720 | 3.0 | .15 | .10 | .30 | 15 | N | <10 | 150 | N | N | 30 | 150 |
| 0330 | 126,760 | 38,670 | 3.0 | .70 | <.05 | .20 | 10 | N | <10 | 100 | N | N | 30 | 100 |
| 0331 | 126,770 | 38,630 | 3.0 | .07 | <.05 | .30 | 15 | N | <10 | 100 | N | N | 20 | 50 |
| 0332 | 126,760 | 38,560 | 3.0 | .10 | .05 | .30 | 15 | N | <10 | 100 | N | N | 20 | 150 |
| 0333 | 126,760 | 38,490 | 3.0 | .70 | .05 | .30 | 50 | N | <10 | 50 | N | N | 50 | 300 |
| 0334 | 126,760 | 38,420 | 3.0 | .10 | <.05 | .20 | 30 | N | <10 | 20 | N | N | N | 300 |
| 0335 | 126,700 | 38,350 | 7.0 | 1.50 | 1.50 | .70 | 3,000 | N | <10 | 150 | N | 15 | 20 | 150 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0291 | N | 20 | 10 | 30 | N | N | 200 | 30 | N | 150 | .03 | 1.1 | 50 | 490 | 8 | 4.7 |
| 0292 | N | <5 | 15 | 15 | N | N | 150 | 10 | N | 100 | .15 | 1.2 | 19 | 300 | 8 | 4.7 |
| 0293 | 5 | <5 | 10 | 30 | 10 | 150 | 300 | 20 | N | 150 | <.02 | 1.0 | 2 | 87 | 6 | 5.0 |
| 0294 | N | <5 | <10 | 20 | 10 | N | 200 | 30 | N | 150 | <.02 | .9 | 4 | 17 | 4 | 5.0 |
| 0295 | N | 15 | 15 | 20 | 10 | N | 300 | 20 | N | 150 | <.02 | 1.2 | 16 | 51 | 8 | 5.5 |
| 0296 | N | 15 | 10 | 15 | N | N | 150 | 10 | N | 200 | <.02 | 1.0 | 10 | 44 | 6 | 4.5 |
| 0297 | N | 15 | 15 | 15 | N | N | 150 | 10 | N | 150 | <.02 | 1.1 | 7 | 37 | 6 | 4.5 |
| 0298 | N | 15 | 10 | 30 | N | N | 200 | 10 | N | 150 | <.02 | .9 | 1 | 92 | 5 | 5.2 |
| 0299 | 5 | 10 | <10 | 15 | N | N | 300 | N | N | 150 | <.02 | 1.1 | 10 | 20 | 8 | 5.2 |
| 0300 | N | 15 | 15 | 15 | 10 | N | 200 | 10 | N | 100 | <.02 | 1.2 | 11 | 30 | 8 | 6.0 |
| 0301 | N | 5 | <10 | 10 | N | N | 150 | 15 | N | 150 | <.02 | 1.0 | 6 | 40 | 5 | 5.2 |
| 0302 | 7 | <5 | 20 | 15 | 30 | N | 200 | 20 | N | 150 | <.02 | 1.0 | 10 | 69 | 4 | 4.7 |
| 0303 | 5 | <5 | 10 | 20 | N | N | 300 | 10 | N | 150 | <.02 | 1.2 | 5 | 170 | 6 | 5.0 |
| 0304 | 30 | <5 | <10 | 20 | N | 150 | 300 | 15 | N | 150 | <.02 | 1.1 | 3 | 57 | 5 | 5.0 |
| 0305 | N | <5 | 10 | 15 | 15 | 150 | 200 | 30 | N | 150 | <.02 | 1.0 | 2 | 24 | 4 | 5.2 |
| 0306 | N | <5 | 10 | 15 | 10 | N | 200 | 15 | N | 150 | <.02 | 1.0 | 3 | 36 | 3 | 5.0 |
| 0307 | N | 7 | 10 | 15 | N | N | 150 | 15 | N | 150 | <.02 | 1.2 | 10 | 69 | 4 | 5.5 |
| 0308 | N | <5 | 10 | 15 | N | N | 200 | 15 | N | 150 | <.02 | 1.0 | 3 | 17 | 6 | 5.2 |
| 0309 | N | <5 | <10 | 15 | N | N | 150 | 15 | N | 150 | <.02 | .8 | 3 | 22 | 5 | 5.2 |
| 0310 | 30 | 5 | <10 | 20 | N | N | 200 | 20 | N | 100 | .03 | 1.2 | 30 | 360 | 4 | 5.2 |
| 0311 | N | 15 | 30 | 30 | N | N | 300 | 15 | N | 150 | <.02 | 1.3 | 20 | 140 | 12 | 5.2 |
| 0312 | 7 | 15 | 15 | 15 | N | N | 200 | 15 | N | 150 | .07 | 1.1 | 10 | 140 | 10 | 5.2 |
| 0313 | 7 | <5 | 15 | 15 | N | 150 | 150 | 15 | N | 150 | <.02 | 1.1 | 1 | 72 | 4 | 5.2 |
| 0314 | 7 | 15 | <10 | 15 | 10 | N | 150 | 20 | N | 100 | .05 | 1.1 | 7 | 100 | 3 | 5.7 |
| 0315 | 10 | <5 | <10 | 15 | N | N | 200 | 15 | N | 150 | .02 | 1.4 | 5 | 100 | 6 | 5.0 |
| 0316 | 15 | <5 | 30 | 15 | 30 | N | 150 | 15 | N | 150 | .03 | 1.3 | 4 | 54 | 6 | 5.0 |
| 0317 | 5 | 7 | 10 | 15 | N | N | 150 | 10 | N | 150 | <.02 | 1.2 | 5 | 32 | 5 | 5.0 |
| 0318 | N | <5 | N | 15 | 10 | N | 150 | 20 | N | 100 | <.02 | 1.2 | 2 | 21 | 3 | 5.2 |
| 0319 | 7 | <5 | <10 | 15 | N | N | 150 | 30 | N | 100 | <.02 | 1.1 | 2 | 21 | 3 | 4.5 |
| 0320 | 15 | <5 | <10 | 15 | 30 | N | 150 | 30 | N | 100 | <.02 | .9 | 1 | 24 | 3 | 4.5 |
| 0321 | 15 | <5 | 10 | 10 | N | N | 150 | 15 | N | 100 | <.02 | 1.1 | 2 | 42 | 3 | 5.0 |
| 0322 | 15 | 7 | 10 | 20 | 10 | N | 150 | 15 | N | 100 | <.02 | .9 | 2 | 60 | 3 | 5.5 |
| 0323 | 5 | <5 | 15 | 20 | 20 | N | 150 | 15 | N | 150 | .02 | 1.0 | 2 | 110 | 5 | 5.5 |
| 0324 | 5 | <5 | N | 15 | 15 | N | 200 | 10 | N | 100 | .03 | 1.0 | 1 | 17 | 1 | 5.5 |
| 0325 | 30 | 5 | <10 | 20 | 10 | N | 200 | 30 | N | 150 | <.02 | .9 | 2 | 44 | 2 | 5.2 |
| 0326 | 5 | 5 | 15 | 15 | 30 | N | 200 | 15 | N | 150 | <.02 | .9 | 3 | 48 | 1 | 5.0 |
| 0327 | 5 | 5 | <10 | 15 | 10 | N | 200 | 15 | N | 150 | <.02 | .9 | 6 | 35 | 2 | 5.2 |
| 0328 | 7 | <5 | <10 | 10 | N | N | 100 | 15 | N | 100 | .03 | .9 | 3 | 27 | 2 | 5.2 |
| 0329 | 15 | 10 | 10 | 15 | 30 | N | 200 | 15 | N | 100 | .03 | 1.0 | 1 | 100 | <1 | 5.2 |
| 0330 | 5 | <5 | 15 | 15 | 30 | N | 150 | 30 | N | 70 | .03 | 1.4 | 3 | 150 | 3 | 5.5 |
| 0331 | 5 | <5 | <10 | 15 | 10 | N | 150 | 15 | N | 150 | .02 | .9 | 2 | 43 | 3 | 5.5 |
| 0332 | 7 | <5 | 10 | 15 | 30 | N | 150 | 15 | N | 150 | .07 | 1.1 | 2 | 130 | 2 | 5.0 |
| 0333 | 7 | <5 | N | 20 | N | N | 150 | 15 | N | 150 | .02 | 1.0 | 8 | 450 | 3 | 4.7 |
| 0334 | <5 | <5 | 10 | 15 | N | N | 100 | <10 | N | 70 | .03 | 1.4 | 4 | 270 | 4 | 5.5 |
| 0335 | N | 15 | 10 | 30 | N | 150 | 300 | 20 | N | 150 | <.02 | 1.5 | 74 | 72 | 8 | 6.0 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0336 | 125,910 | 38,630 | 3.0 | .70 | .20 | .30 | 3,000 | N | <10 | 200 | N | 10 | 20 | 150 |
| 0337 | 125,910 | 38,700 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 0338 | 125,990 | 38,730 | 7.0 | .70 | .10 | .50 | 3,000 | N | <10 | 100 | 1 | 15 | 50 | 70 |
| 0339 | 126,050 | 38,730 | 3.0 | .10 | <.05 | .30 | 50 | N | <10 | 150 | N | <5 | N | 100 |
| 0340 | 126,150 | 38,745 | 3.0 | .15 | <.05 | .30 | 150 | N | <10 | 50 | N | <5 | N | 150 |
| 0341 | 126,180 | 38,810 | 5.0 | .70 | .05 | .30 | 1,000 | .5 | <10 | 150 | 1 | 15 | 30 | 1,000 |
| 0342 | 126,220 | 38,865 | 3.0 | .10 | <.05 | .30 | 70 | N | <10 | 70 | N | N | N | 100 |
| 0343 | 126,270 | 38,920 | 7.0 | .70 | <.05 | .50 | 300 | .5 | <10 | 100 | N | N | N | 1,500 |
| 0344 | 126,520 | 39,090 | 3.0 | .05 | <.05 | .30 | <10 | N | <10 | 70 | N | N | 30 | 100 |
| 0345 | 126,470 | 39,090 | 3.0 | .03 | <.05 | .30 | <10 | N | <10 | 50 | N | N | 20 | 150 |
| 0346 | 126,430 | 39,055 | 5.0 | .05 | <.05 | .30 | <10 | N | <10 | 70 | N | N | 30 | 100 |
| 0347 | 126,390 | 39,030 | 3.0 | .07 | <.05 | .30 | <10 | N | <10 | 70 | N | N | 30 | 150 |
| 0348 | 126,330 | 38,985 | 3.0 | .07 | .07 | .30 | <10 | N | <10 | 70 | N | N | 20 | 150 |
| 0349 | 126,370 | 38,890 | 5.0 | .10 | .10 | .50 | 10 | N | 15 | 150 | N | N | 30 | 150 |
| 0350 | 126,350 | 38,845 | 3.0 | .15 | .10 | .30 | <10 | N | <10 | 30 | N | N | 20 | 300 |
| 0351 | 126,340 | 38,780 | 7.0 | .15 | .10 | .70 | 20 | N | <10 | 150 | N | N | 30 | 200 |
| 0352 | 126,330 | 38,720 | 7.0 | .30 | <.05 | .20 | 150 | N | 15 | 30 | N | N | 20 | 1,000 |
| 0353 | 126,330 | 38,645 | 7.0 | .30 | <.05 | .30 | 300 | N | <10 | 50 | N | 5 | N | 1,000 |
| 0354 | 126,330 | 38,600 | 7.0 | .50 | <.05 | .30 | 200 | N | <10 | 30 | N | <5 | N | 500 |
| 0355 | 126,420 | 38,550 | 7.0 | .50 | <.05 | .30 | 300 | N | <10 | 100 | N | 5 | N | 1,000 |
| 0356 | 126,450 | 38,590 | 7.0 | .50 | <.05 | .30 | 500 | N | <10 | 50 | 1 | 20 | N | 1,500 |
| 0357 | 126,490 | 38,630 | 7.0 | .70 | .07 | .30 | 300 | N | <10 | 150 | 1 | 15 | 20 | 1,500 |
| 0358 | 126,550 | 38,660 | 7.0 | .30 | .05 | .30 | 20 | N | 10 | 100 | N | N | 20 | 700 |
| 0359 | 126,580 | 38,710 | 3.0 | .20 | .20 | .30 | 10 | N | <5 | 70 | N | N | 20 | 100 |
| 0360 | 126,600 | 38,760 | 3.0 | .20 | .10 | .30 | <10 | N | <5 | 50 | N | N | 70 | 150 |
| 0361 | 126,620 | 38,810 | 3.0 | .30 | .05 | .30 | 15 | N | <5 | 100 | N | N | 20 | 200 |
| 0362 | 126,650 | 38,850 | 2.0 | .07 | .05 | .30 | 15 | N | <5 | 20 | N | N | 20 | 70 |
| 0363 | 126,660 | 38,900 | 5.0 | .20 | .05 | .30 | 15 | N | <5 | 100 | N | N | 70 | 200 |
| 0364 | 126,810 | 38,920 | 3.0 | .07 | .05 | .70 | 50 | N | <10 | 70 | N | N | 70 | 200 |
| 0365 | 126,700 | 38,930 | 3.0 | .07 | <.05 | .30 | 10 | N | <10 | 30 | N | N | 70 | 150 |
| 0366 | 126,630 | 38,980 | 3.0 | .15 | <.05 | .50 | 10 | N | <10 | 30 | N | N | 70 | 200 |
| 0367 | 126,570 | 39,035 | 3.0 | .05 | <.05 | .20 | 15 | N | <10 | 30 | N | N | 20 | 150 |
| 0368 | 126,140 | 39,410 | 5.0 | .20 | <.05 | .30 | 300 | N | <10 | 30 | N | N | 20 | 700 |
| 0369 | 126,120 | 39,340 | 3.0 | .10 | <.05 | .20 | 50 | N | <10 | 20 | N | N | 20 | 500 |
| 0370 | 126,110 | 39,250 | 3.0 | .07 | <.05 | .20 | 15 | N | <10 | <20 | N | N | 150 | 300 |
| 0371 | 126,060 | 39,210 | 3.0 | .10 | .10 | .20 | <10 | N | <10 | <20 | N | N | 20 | 300 |
| 0372 | 126,000 | 39,140 | 3.0 | .70 | .15 | .50 | <10 | N | <10 | <20 | N | N | 30 | 70 |
| 0373 | 125,960 | 39,110 | 3.0 | .07 | <.05 | .50 | 10 | N | <10 | 70 | N | N | 20 | 70 |
| 0374 | 125,910 | 39,060 | 5.0 | .10 | <.05 | .50 | 70 | N | 15 | 300 | N | N | 20 | 150 |
| 0375 | 125,870 | 38,990 | 7.0 | .15 | <.05 | .70 | 200 | N | <10 | <20 | 1 | N | 150 | 150 |
| 0376 | 125,870 | 38,920 | 7.0 | .70 | .50 | .50 | 1,000 | N | 10 | 100 | 1 | 10 | 20 | 500 |
| 0377 | 125,820 | 38,880 | 3.0 | .15 | .10 | .30 | 500 | N | 10 | 100 | N | 5 | 30 | 70 |
| 0378 | 125,770 | 38,860 | 7.0 | .15 | .15 | .20 | 300 | N | <10 | 30 | N | N | 70 | 70 |
| 0379 | 125,730 | 38,825 | 7.0 | .15 | <.05 | .30 | 300 | N | <10 | 50 | N | 5 | 20 | 30 |
| 0380 | 125,700 | 38,810 | 3.0 | .20 | <.05 | .50 | 1,500 | N | <10 | 300 | N | 10 | N | 70 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0336 | N | 5 | <10 | 15 | N | N | 150 | 20 | N | 150 | <.02 | 1.2 | 140 | 130 | 6 | 6.0 |
| 0337 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.5 |
| 0338 | N | 30 | 10 | 30 | N | N | 200 | 30 | 500 | 150 | .02 | 1.4 | 190 | 43 | 8 | 6.5 |
| 0339 | 5 | <5 | 10 | 10 | N | N | 100 | N | N | 100 | <.02 | .6 | 14 | 110 | 5 | 5.2 |
| 0340 | N | 5 | 10 | 15 | N | N | 150 | N | N | 100 | <.02 | .7 | 35 | 100 | 10 | 5.5 |
| 0341 | 5 | 10 | 15 | 20 | N | N | 150 | 30 | N | 150 | .06 | .8 | 96 | 980 | 8 | 5.7 |
| 0342 | N | <5 | <10 | 15 | N | N | 150 | N | N | 100 | <.02 | .7 | 21 | 54 | 8 | 6.0 |
| 0343 | 5 | <5 | 30 | 20 | N | N | 300 | N | N | 100 | .24 | .6 | 62 | 1,000 | 32 | 5.5 |
| 0344 | 20 | <5 | <10 | 15 | N | 300 | 150 | 15 | N | 100 | .06 | .8 | 5 | 70 | 8 | 6.0 |
| 0345 | 15 | <5 | <10 | 15 | 10 | 200 | 150 | 15 | N | 100 | .03 | .7 | 5 | 120 | 5 | 6.0 |
| 0346 | 30 | 5 | 10 | 15 | 10 | N | 150 | 15 | N | 70 | .10 | .5 | 5 | 62 | 7 | 5.7 |
| 0347 | 30 | 5 | <10 | 15 | 10 | N | 150 | 10 | N | 100 | .05 | .5 | 6 | 110 | 5 | 5.7 |
| 0348 | 30 | <5 | <10 | 15 | N | N | 150 | 15 | N | 100 | .03 | .5 | 7 | 130 | 5 | 5.5 |
| 0349 | 20 | <5 | 10 | 15 | N | N | 150 | 15 | N | 150 | .03 | .9 | 7 | 88 | 6 | 5.7 |
| 0350 | 10 | <5 | <10 | 15 | N | N | 150 | N | N | 150 | <.02 | 1.0 | 6 | 160 | 2 | 5.2 |
| 0351 | 15 | 10 | 15 | 30 | N | N | 200 | 15 | N | 150 | .09 | 1.0 | 10 | 140 | 11 | 5.7 |
| 0352 | N | 5 | 10 | 15 | N | N | 100 | N | N | 150 | .17 | .9 | 28 | 650 | 22 | 5.2 |
| 0353 | N | 7 | 30 | 15 | N | N | 150 | 10 | N | 150 | .07 | .8 | 31 | 580 | 6 | 5.0 |
| 0354 | N | 5 | 20 | 20 | N | N | 200 | 30 | N | 150 | <.02 | .7 | 27 | 280 | 15 | 5.2 |
| 0355 | 5 | 15 | 15 | 30 | N | N | 150 | 20 | N | 70 | .03 | .8 | 48 | 690 | 7 | 4.7 |
| 0356 | N | 15 | 10 | 30 | N | N | 200 | 70 | N | 150 | .03 | .6 | 26 | 690 | 7 | 5.0 |
| 0357 | N | 15 | 10 | 20 | N | N | 150 | 30 | N | 150 | .02 | .7 | 35 | 970 | 7 | 5.7 |
| 0358 | 5 | <5 | 10 | 30 | N | N | 200 | 20 | N | 150 | .05 | .7 | 4 | 370 | 5 | 4.7 |
| 0359 | 50 | <5 | <10 | 20 | N | 300 | 200 | 15 | N | 100 | .04 | 1.0 | 3 | 96 | 4 | 4.7 |
| 0360 | 15 | <5 | <10 | 20 | N | 300 | 200 | 20 | N | 70 | .02 | .9 | 3 | 120 | 3 | 4.7 |
| 0361 | 10 | <5 | 10 | 15 | 10 | N | 150 | 20 | N | 100 | .05 | .4 | 4 | 160 | 3 | 5.0 |
| 0362 | 7 | <5 | 10 | 15 | 10 | 150 | 150 | 15 | N | 100 | .03 | .8 | 4 | 30 | 4 | 5.5 |
| 0363 | 5 | <5 | 20 | 20 | 15 | 150 | 200 | 20 | N | 100 | .11 | .7 | 5 | 120 | 5 | 6.2 |
| 0364 | 10 | <5 | <10 | 15 | N | N | 150 | 30 | N | 150 | .22 | .5 | 5 | 170 | 4 | 5.5 |
| 0365 | 5 | <5 | N | 15 | N | N | 150 | 15 | N | 100 | .13 | .4 | 3 | 110 | 2 | 5.5 |
| 0366 | 5 | <5 | <10 | 15 | 10 | N | 150 | 30 | N | 100 | .10 | .5 | 3 | 240 | 4 | 5.5 |
| 0367 | 15 | <5 | 15 | 10 | 15 | 150 | 150 | 15 | N | 100 | .25 | .7 | 4 | 140 | 7 | 6.0 |
| 0368 | N | 15 | 15 | 20 | N | N | 150 | 10 | N | 70 | .29 | .7 | 29 | 580 | 11 | 6.2 |
| 0369 | <5 | 15 | 50 | 15 | N | N | 150 | N | N | 70 | .51 | .7 | 9 | 500 | 34 | 6.2 |
| 0370 | 5 | 15 | 15 | 15 | N | N | 150 | N | N | 70 | .17 | .8 | 10 | 250 | 11 | 6.0 |
| 0371 | 7 | <5 | 20 | 10 | N | N | 150 | <10 | N | 100 | .08 | .5 | 3 | 340 | 8 | 6.0 |
| 0372 | 50 | <5 | 15 | 20 | N | 150 | 150 | 15 | N | 100 | .05 | .5 | 5 | 66 | 5 | 5.5 |
| 0373 | 15 | <5 | <10 | 15 | N | N | 150 | 15 | N | 150 | <.02 | .4 | 4 | 70 | 6 | 5.2 |
| 0374 | 5 | <5 | 70 | 15 | N | N | 150 | 10 | N | 150 | <.02 | .6 | 6 | 170 | 45 | 5.5 |
| 0375 | N | 20 | 50 | 30 | N | N | 300 | 10 | 300 | 150 | <.02 | 1.1 | 68 | 150 | 39 | 5.2 |
| 0376 | N | 15 | 30 | 20 | N | N | 150 | 30 | 300 | 150 | <.02 | 1.2 | 140 | 480 | 24 | 6.0 |
| 0377 | N | 15 | 30 | 15 | N | N | 150 | 10 | 200 | 200 | <.02 | 1.5 | 93 | 57 | 24 | 6.5 |
| 0378 | N | 15 | 10 | 20 | N | N | 150 | N | N | 150 | <.02 | .7 | 36 | 24 | 24 | 5.7 |
| 0379 | N | 15 | <10 | 15 | N | N | 150 | N | N | 150 | <.02 | .7 | 57 | 18 | 10 | 6.0 |
| 0380 | N | <5 | <10 | 15 | N | N | 100 | <10 | 300 | 100 | <.02 | .7 | 120 | 50 | 8 | 6.5 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0381 | 125,640 | 38,790 | 5.0 | .20 | <.05 | .50 | 300 | N | <10 | 300 | N | 5 | 70 | 50 |
| 0382 | 125,560 | 38,770 | 5.0 | .20 | <.05 | .50 | 1,500 | N | <10 | 300 | N | 5 | 30 | 70 |
| 0383 | 125,560 | 38,940 | 5.0 | .70 | 2.00 | .50 | 2,000 | .5 | 15 | 300 | N | 15 | 20 | 70 |
| 0384 | 125,610 | 38,980 | 3.0 | .20 | .07 | .20 | 700 | N | <10 | 200 | 1 | 10 | <20 | 15 |
| 0385 | 125,650 | 39,020 | 3.0 | .07 | <.05 | .15 | 300 | N | <10 | 150 | N | N | <20 | 100 |
| 0386 | 125,680 | 39,060 | 5.0 | .10 | <.05 | .50 | 300 | N | <10 | 30 | N | N | <20 | 100 |
| 0387 | 125,740 | 39,110 | 3.0 | .05 | <.05 | .20 | 150 | N | <10 | 30 | N | N | <20 | 70 |
| 0388 | 125,800 | 39,125 | 3.0 | .10 | <.05 | .50 | 50 | N | <10 | 150 | N | N | 20 | 150 |
| 0389 | 125,860 | 39,120 | 7.0 | .10 | <.05 | .30 | 30 | N | 10 | 300 | N | N | 20 | 150 |
| 0390 | 125,140 | 39,105 | 5.0 | .50 | <.05 | .30 | 5,000 | N | 15 | 200 | N | 20 | 70 | 200 |
| 0391 | 125,190 | 39,125 | 7.0 | .30 | <.05 | .50 | 300 | N | 10 | 150 | N | 10 | 30 | 200 |
| 0392 | 125,280 | 39,170 | 7.0 | .10 | <.05 | .50 | 300 | N | <10 | 150 | N | 5 | 20 | 150 |
| 0393 | 125,320 | 39,225 | 7.0 | .07 | <.05 | .50 | 100 | N | <10 | 200 | N | 5 | 30 | 150 |
| 0394 | 125,380 | 39,245 | 7.0 | .30 | <.05 | .50 | 1,500 | N | 30 | 150 | N | 10 | 20 | 100 |
| 0395 | 125,440 | 39,250 | 7.0 | .30 | <.05 | .30 | 1,000 | N | <10 | 300 | N | 20 | 20 | 70 |
| 0396 | 125,500 | 39,270 | 7.0 | .20 | <.05 | .30 | 1,500 | N | 10 | 200 | N | 10 | 30 | 150 |
| 0397 | 125,540 | 39,290 | 10.0 | .10 | <.05 | .30 | 200 | N | 10 | 300 | N | 5 | 30 | 150 |
| 0398 | 125,590 | 39,315 | 7.0 | .07 | <.05 | .50 | 50 | N | 10 | 300 | N | 5 | 20 | 200 |
| 0399 | 125,620 | 39,360 | 5.0 | .20 | <.05 | .50 | 30 | N | <10 | 300 | N | N | 30 | 100 |
| 0400 | 125,660 | 39,395 | 3.0 | .10 | <.05 | .30 | 20 | N | <10 | 300 | N | N | N | 70 |
| 0401 | 125,700 | 39,415 | 5.0 | .10 | <.05 | .30 | 300 | N | <10 | 300 | N | N | 30 | 300 |
| 0402 | 125,740 | 39,440 | 7.0 | .30 | .05 | .30 | 50 | N | <10 | 150 | N | N | 20 | 200 |
| 0403 | 125,770 | 39,475 | 7.0 | .50 | <.05 | .50 | 100 | 1.0 | <10 | 100 | N | 5 | 20 | 1,500 |
| 0404 | 125,790 | 39,510 | 7.0 | .10 | <.05 | .30 | 70 | N | <10 | 150 | N | N | 20 | 700 |
| 0405 | 125,810 | 39,535 | 7.0 | .50 | <.05 | .30 | 150 | N | <10 | 150 | N | 10 | 20 | 1,500 |
| 0406 | 125,460 | 39,610 | 10.0 | 1.00 | <.05 | .30 | 300 | 1.5 | <10 | 150 | N | 20 | N | 1,500 |
| 0407 | 125,490 | 39,615 | 10.0 | .50 | <.05 | .30 | 150 | 1.0 | <10 | 150 | N | N | 30 | 1,500 |
| 0408 | 125,530 | 39,630 | 7.0 | .10 | <.05 | .15 | 150 | 1.0 | <10 | 150 | N | N | N | 1,500 |
| 0409 | 125,580 | 39,635 | 10.0 | .70 | <.05 | .30 | 300 | 1.0 | <10 | 100 | N | 15 | 20 | 2,000 |
| 0410 | 125,640 | 39,610 | 10.0 | .70 | <.05 | .30 | 300 | 1.0 | <10 | 100 | N | 20 | 20 | 1,500 |
| 0411 | 125,680 | 39,600 | 15.0 | .20 | <.05 | .70 | 300 | .5 | <10 | 200 | N | N | 20 | 2,000 |
| 0412 | 125,730 | 39,570 | 7.0 | .20 | <.05 | .50 | 150 | .7 | <10 | 150 | N | N | 50 | 1,000 |
| 0413 | 125,760 | 39,550 | 10.0 | .70 | <.05 | .50 | 300 | .7 | <10 | 200 | N | N | 70 | 1,500 |
| 0414 | 126,380 | 39,640 | 7.0 | 3.00 | 1.50 | .50 | >5,000 | N | <10 | 500 | N | 30 | 700 | 500 |
| 0415 | 126,320 | 39,590 | 7.0 | 3.00 | 1.50 | .50 | >5,000 | N | <10 | 1,000 | N | 30 | 1,000 | 500 |
| 0416 | 126,270 | 39,550 | 5.0 | 1.50 | 1.50 | .30 | 1,500 | N | <10 | 300 | N | 20 | 200 | 150 |
| 0417 | 126,230 | 39,520 | 5.0 | 1.00 | 1.50 | .30 | 1,500 | N | <10 | 500 | N | 10 | 20 | 70 |
| 0418 | 126,210 | 39,480 | 3.0 | 1.00 | 1.50 | .30 | 700 | N | <10 | 700 | N | 15 | N | 150 |
| 0419 | 126,180 | 39,450 | 3.0 | .70 | <.05 | .30 | 30 | N | 20 | 300 | N | N | N | 150 |
| 0420 | 126,510 | 39,130 | 5.0 | .07 | <.05 | .30 | 20 | N | <10 | 70 | N | N | 30 | 300 |
| 0421 | 126,550 | 39,180 | 3.0 | .10 | <.05 | .30 | 20 | N | <10 | 150 | N | N | 30 | 200 |
| 0422 | 126,550 | 39,240 | 3.0 | .10 | .07 | .30 | 30 | N | <10 | 150 | N | N | 20 | 150 |
| 0423 | 126,560 | 39,280 | 3.0 | .05 | <.05 | .30 | 30 | N | 15 | 150 | N | N | 20 | 150 |
| 0424 | 126,570 | 39,320 | 7.0 | .10 | <.05 | .30 | 20 | N | <10 | 150 | N | N | 70 | 500 |
| 0425 | 126,570 | 39,370 | 3.0 | .07 | <.05 | .30 | 20 | N | <10 | 150 | N | N | 20 | 200 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0381 | N | 15 | 10 | 20 | N | N | 200 | N | N | 70 | <.02 | .7 | 30 | 34 | 10 | 6.5 |
| 0382 | N | 15 | 15 | 20 | N | N | 150 | 10 | N | 100 | <.02 | .7 | 47 | 35 | 14 | 5.7 |
| 0383 | N | 10 | 30 | 20 | N | 200 | 200 | 15 | 700 | 100 | .02 | 1.5 | 460 | 47 | 24 | 6.2 |
| 0384 | N | <5 | 15 | 15 | N | N | 100 | 10 | 200 | 70 | .02 | .7 | 150 | 10 | 15 | 6.0 |
| 0385 | N | 5 | 30 | 15 | N | N | 100 | N | N | 70 | <.02 | .9 | 76 | 130 | 27 | 5.2 |
| 0386 | N | 7 | 50 | 20 | N | N | 150 | N | 200 | 70 | <.02 | .9 | 110 | 90 | 42 | 5.0 |
| 0387 | N | 5 | 30 | 15 | N | N | 150 | N | 300 | 70 | .04 | 1.6 | 200 | 79 | 43 | 5.2 |
| 0388 | N | <5 | 30 | 15 | N | N | 200 | N | N | 70 | .05 | .8 | 11 | 180 | 36 | 5.2 |
| 0389 | 5 | <5 | 100 | 20 | N | N | 150 | 10 | N | 150 | .04 | 1.1 | 3 | 130 | 56 | 5.2 |
| 0390 | <5 | 15 | 30 | 30 | N | N | 200 | 15 | N | 150 | <.02 | 1.4 | 62 | 110 | 18 | 6.0 |
| 0391 | <5 | 15 | 30 | 30 | 30 | N | 200 | 15 | N | 150 | <.02 | 1.5 | 20 | 110 | 17 | 6.5 |
| 0392 | N | 10 | 30 | 30 | N | N | 200 | N | N | 150 | .02 | 1.9 | 99 | 100 | 25 | 5.5 |
| 0393 | 5 | <5 | 30 | 30 | N | N | 200 | 15 | N | 200 | <.02 | 1.6 | 29 | 90 | 11 | 5.0 |
| 0394 | N | 15 | 30 | 30 | 30 | N | 200 | 15 | N | 200 | <.02 | 1.7 | 84 | 36 | 12 | 5.5 |
| 0395 | N | 5 | 30 | 30 | 15 | N | 200 | 10 | N | 150 | .05 | 1.8 | 110 | 27 | 18 | 6.0 |
| 0396 | <5 | 5 | 30 | 30 | N | N | 200 | 15 | N | 150 | .03 | 1.4 | 82 | 77 | 15 | 5.5 |
| 0397 | N | <5 | 30 | 30 | N | N | 300 | 10 | N | 150 | .02 | 1.8 | 53 | 110 | 13 | 5.5 |
| 0398 | 5 | <5 | 30 | 20 | N | N | 300 | 10 | N | 150 | <.02 | 1.2 | 5 | 140 | 11 | 5.2 |
| 0399 | 5 | N | 15 | 5 | N | N | 150 | 15 | N | 200 | <.02 | 1.1 | 6 | 66 | 14 | 5.0 |
| 0400 | 7 | N | 30 | 5 | N | N | 150 | 10 | N | 100 | .05 | 1.3 | 4 | 55 | 24 | 5.0 |
| 0401 | N | 10 | 30 | 5 | N | N | 100 | 10 | N | 300 | <.02 | 1.0 | 16 | 120 | 9 | 5.5 |
| 0402 | N | N | 30 | 5 | N | N | 150 | 15 | N | 150 | <.02 | 1.2 | 5 | 130 | 19 | 5.0 |
| 0403 | 5 | 10 | 15 | 5 | N | N | 150 | 30 | N | 150 | .25 | .9 | 9 | 690 | 7 | 5.7 |
| 0404 | 5 | <5 | 30 | 5 | N | N | 70 | 15 | N | 150 | .21 | 1.1 | 9 | 300 | 6 | 5.2 |
| 0405 | 10 | <5 | 10 | 5 | N | N | 100 | 30 | N | 150 | .05 | 1.5 | 6 | 540 | 6 | 5.5 |
| 0406 | 5 | <5 | 30 | 5 | N | N | 150 | 10 | N | 100 | .49 | 1.9 | 40 | 820 | 7 | 5.2 |
| 0407 | 5 | <5 | 30 | 5 | N | N | 100 | N | N | 150 | .42 | 1.7 | 6 | 710 | 13 | 5.7 |
| 0408 | N | <5 | 10 | 5 | N | N | 70 | N | N | 70 | .64 | 1.8 | 9 | 760 | 7 | 5.2 |
| 0409 | N | <5 | 15 | 20 | 30 | N | 150 | 15 | N | 100 | .40 | 1.4 | 39 | 1,400 | 15 | 5.2 |
| 0410 | N | <5 | 10 | 15 | 30 | N | 100 | 15 | N | 100 | .27 | 1.4 | 26 | 860 | 8 | 5.5 |
| 0411 | <5 | <5 | <10 | 30 | N | N | 150 | 30 | N | 200 | .16 | 1.3 | 2 | 600 | 5 | 5.5 |
| 0412 | <5 | <5 | 15 | 20 | N | N | 150 | 15 | N | 150 | .29 | 1.3 | 6 | 640 | 9 | 6.0 |
| 0413 | 7 | 15 | 10 | 15 | N | N | 200 | 10 | N | 150 | .22 | 2.4 | 10 | 580 | 10 | 5.5 |
| 0414 | N | 700 | 15 | 50 | N | N | 300 | 15 | 700 | 70 | <.02 | 2.9 | 320 | 240 | 9 | 6.2 |
| 0415 | N | 700 | 20 | 50 | N | N | 300 | 15 | 700 | 70 | <.02 | 3.1 | 300 | 210 | 13 | 6.7 |
| 0416 | N | 150 | <10 | 30 | N | 200 | 200 | 30 | <200 | 70 | <.02 | 1.5 | 68 | 36 | 6 | 6.2 |
| 0417 | N | 20 | 10 | 20 | N | 200 | 200 | 20 | N | 70 | .03 | 1.5 | 65 | 58 | 9 | 6.5 |
| 0418 | N | <5 | 15 | 20 | N | 200 | 150 | 70 | N | 150 | <.02 | 1.2 | 54 | 70 | 8 | 7.0 |
| 0419 | N | <5 | <10 | 15 | N | N | 150 | 10 | N | 200 | <.02 | 1.2 | 4 | 120 | 6 | 5.5 |
| 0420 | 7 | <5 | <10 | 10 | 10 | N | 100 | 10 | N | 100 | .13 | 2.2 | 6 | 120 | 5 | 5.7 |
| 0421 | 5 | <5 | <10 | 15 | 10 | N | 150 | 10 | N | 300 | .09 | 1.0 | 3 | 100 | 2 | 5.2 |
| 0422 | 5 | <5 | <10 | 7 | N | N | 150 | 10 | N | 150 | .08 | .2 | 6 | 55 | 3 | 5.0 |
| 0423 | 5 | <5 | 10 | 7 | N | N | 100 | 10 | N | 100 | .07 | .9 | 6 | 69 | 6 | 5.0 |
| 0424 | 10 | <5 | 15 | 20 | N | N | 200 | 10 | N | 150 | .20 | 1.9 | 6 | 170 | 8 | 5.5 |
| 0425 | 7 | <5 | <10 | 15 | N | N | 150 | 15 | N | 150 | <.02 | 1.6 | 8 | 150 | 6 | 5.7 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0426 | 126,590 | 39,410 | 7.0 | .70 | <.05 | .30 | 70 | N | <10 | 70 | N | N | 30 | 700 |
| 0427 | 126,640 | 39,450 | 5.0 | .20 | <.05 | .30 | 100 | N | <10 | 50 | N | 5 | 30 | 700 |
| 0428 | 126,660 | 39,500 | 5.0 | .10 | <.05 | .30 | 300 | N | <10 | 50 | N | 10 | 30 | 700 |
| 0429 | 126,670 | 39,550 | 7.0 | .70 | <.05 | .30 | 70 | .5 | <10 | 70 | N | N | 30 | 1,000 |
| 0430 | 126,460 | 39,160 | 5.0 | .05 | <.05 | .30 | <10 | N | <10 | 100 | N | N | 30 | 300 |
| 0431 | 126,420 | 39,190 | 3.0 | .02 | <.05 | .30 | <10 | N | <10 | 50 | N | N | 30 | 150 |
| 0432 | 126,340 | 39,235 | 3.0 | .20 | <.05 | .50 | 30 | N | <10 | 300 | N | N | 70 | 150 |
| 0433 | 126,290 | 39,260 | 3.0 | .70 | <.05 | .50 | 30 | N | 10 | 200 | N | N | 70 | 150 |
| 0434 | 126,230 | 39,275 | 3.0 | .70 | <.05 | .30 | 50 | N | 30 | 100 | N | N | 30 | 200 |
| 0435 | 126,180 | 39,310 | 3.0 | .20 | <.05 | .30 | 30 | N | <10 | 200 | N | N | 100 | 700 |
| 0436 | 126,150 | 39,350 | 7.0 | .50 | <.05 | .30 | 100 | N | <10 | 100 | N | N | 70 | 700 |
| 0437 | 126,110 | 39,465 | 3.0 | .70 | <.05 | .70 | 70 | N | <10 | 500 | N | N | 20 | 150 |
| 0438 | 126,090 | 39,510 | 3.0 | .50 | .05 | .70 | 50 | N | 30 | 300 | N | N | 70 | 200 |
| 0439 | 126,030 | 39,510 | 3.0 | .30 | <.05 | .30 | 30 | N | <10 | 200 | N | 5 | 20 | 700 |
| 0440 | 125,970 | 39,520 | 7.0 | .70 | <.05 | .70 | 70 | N | <10 | 200 | N | N | 70 | 1,500 |
| 0441 | 125,900 | 39,525 | 7.0 | .05 | <.05 | .70 | 30 | N | <10 | 50 | N | N | 20 | 200 |
| 0442 | 126,080 | 39,575 | 7.0 | .70 | <.05 | .50 | 50 | N | 70 | 300 | N | N | N | 200 |
| 0443 | 126,070 | 39,625 | 5.0 | .30 | <.05 | .30 | 30 | N | <10 | 300 | N | N | N | 100 |
| 0444 | 126,060 | 39,680 | 5.0 | .70 | <.05 | .30 | 70 | N | <10 | 500 | N | N | 20 | 150 |
| 0445 | 126,030 | 39,750 | 5.0 | .70 | <.05 | .30 | 200 | N | <10 | 300 | N | 10 | 20 | 150 |
| 0446 | 125,990 | 39,790 | 7.0 | .70 | <.05 | .70 | 1,500 | N | 20 | 200 | N | 30 | 70 | 200 |
| 0447 | 125,970 | 39,840 | 5.0 | .70 | .50 | .30 | 500 | N | <10 | 150 | N | 20 | 150 | 500 |
| 0448 | 126,960 | 39,500 | 7.0 | .70 | <.05 | .50 | 500 | N | <10 | 200 | N | 5 | 150 | 700 |
| 0449 | 126,950 | 39,470 | 7.0 | .30 | <.05 | .30 | 100 | N | <10 | 200 | N | N | 70 | 150 |
| 0450 | 126,960 | 39,425 | 7.0 | .70 | <.05 | .50 | 200 | N | <10 | 200 | N | 5 | 20 | 150 |
| 0451 | 126,980 | 39,390 | 7.0 | .70 | <.05 | .50 | 300 | N | <10 | 150 | N | 5 | 30 | 200 |
| 0452 | 126,950 | 39,350 | 7.0 | .50 | .05 | .30 | 30 | N | <10 | 300 | N | N | N | 150 |
| 0453 | 126,930 | 39,285 | 5.0 | .30 | <.05 | .70 | 30 | N | <10 | 300 | N | N | N | 70 |
| 0454 | 126,950 | 39,240 | 5.0 | .15 | <.05 | .70 | 30 | N | <10 | 150 | N | N | N | 70 |
| 0455 | 126,940 | 39,185 | 3.0 | .07 | <.05 | .30 | 30 | N | <10 | 150 | N | N | 20 | 150 |
| 0456 | 126,920 | 39,115 | 5.0 | .20 | <.05 | .30 | 15 | N | <10 | 200 | N | N | 70 | 150 |
| 0457 | 126,900 | 39,065 | 7.0 | .05 | <.05 | .30 | 20 | N | <10 | 200 | N | N | 150 | 500 |
| 0458 | 126,880 | 39,035 | 3.0 | .02 | .07 | .30 | 10 | N | <10 | 150 | N | N | 20 | 200 |
| 0459 | 126,840 | 38,975 | 1.5 | .05 | <.05 | .30 | <10 | N | <10 | 70 | N | N | 30 | 10 |
| 0460 | 127,060 | 38,875 | 7.0 | .07 | .07 | .70 | 15 | N | <10 | 500 | N | N | 50 | 30 |
| 0461 | 127,130 | 38,915 | 5.0 | .02 | <.05 | .50 | 30 | N | <10 | 150 | N | N | 20 | 150 |
| 0462 | 127,180 | 38,915 | 3.0 | <.02 | <.05 | .30 | 150 | N | 30 | 50 | N | N | 20 | 100 |
| 0463 | 127,220 | 38,925 | 5.0 | .07 | <.05 | .30 | 150 | N | 20 | 200 | N | 5 | 100 | 150 |
| 0464 | 127,250 | 38,940 | 5.0 | .05 | <.05 | .30 | 30 | N | 15 | 300 | N | N | 50 | 150 |
| 0465 | 127,280 | 38,975 | 7.0 | .20 | <.05 | .50 | 100 | N | <10 | 300 | N | 5 | 20 | 150 |
| 0466 | 127,310 | 39,025 | 5.0 | .10 | <.05 | .50 | 150 | N | <10 | 150 | N | 5 | 20 | 150 |
| 0467 | 127,330 | 39,075 | 7.0 | .20 | <.05 | .50 | 30 | N | <10 | 300 | N | 5 | 20 | 200 |
| 0468 | 127,350 | 39,105 | 3.0 | .50 | <.05 | .30 | 70 | N | <10 | 300 | N | 5 | 20 | 150 |
| 0469 | 127,340 | 39,155 | 3.0 | .50 | <.05 | .30 | 30 | N | <10 | 500 | N | 5 | 20 | 150 |
| 0470 | 127,440 | 39,180 | 7.0 | 1.50 | 3.00 | .50 | 2,000 | N | <10 | 300 | N | 100 | 70 | 300 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0426 | 7 | <5 | <10 | 20 | N | N | 200 | 15 | N | 150 | .12 | 1.8 | 21 | 430 | 5 | 5.2 |
| 0427 | 15 | 5 | 10 | 15 | N | N | 150 | N | N | 300 | .06 | 2.1 | 10 | 440 | 10 | 5.0 |
| 0428 | 7 | 5 | <10 | 15 | N | N | 200 | 10 | N | 300 | <.02 | 2.1 | 12 | 400 | 7 | 5.0 |
| 0429 | 10 | 5 | 10 | 20 | N | N | 300 | 15 | N | 100 | .09 | 1.6 | 14 | 470 | 6 | 5.0 |
| 0430 | 30 | <5 | <10 | 20 | 20 | 500 | 200 | 30 | N | 150 | <.02 | 1.5 | 7 | 120 | 2 | 5.2 |
| 0431 | 20 | <5 | 10 | 30 | N | 700 | 300 | 30 | N | 200 | .03 | 1.5 | 7 | 40 | 5 | 6.0 |
| 0432 | 70 | 15 | <10 | 20 | N | N | 150 | 30 | N | 200 | .05 | 2.0 | 8 | 87 | 6 | 5.5 |
| 0433 | 50 | <5 | <10 | 20 | 10 | N | 150 | 30 | N | 200 | .03 | 1.3 | 10 | 87 | 4 | 5.2 |
| 0434 | 20 | <5 | <10 | 10 | N | N | 150 | 10 | N | 150 | .12 | 1.1 | 14 | 90 | 4 | 5.7 |
| 0435 | 5 | 10 | 50 | 20 | N | N | 150 | N | N | 70 | .43 | 1.0 | 11 | 400 | 20 | 5.2 |
| 0436 | <5 | <5 | 10 | 20 | N | N | 150 | N | N | 150 | .45 | 1.3 | 14 | 320 | 14 | 5.7 |
| 0437 | <5 | <5 | 10 | 30 | N | N | 150 | 30 | N | 300 | <.02 | 1.6 | 9 | 40 | 6 | 5.5 |
| 0438 | 10 | <5 | 20 | 30 | 15 | N | 150 | 70 | N | 300 | <.02 | 1.2 | 7 | 180 | 7 | 5.7 |
| 0439 | 50 | <5 | <10 | 15 | N | N | 150 | 10 | N | 150 | .03 | 1.5 | 9 | 240 | 5 | 5.5 |
| 0440 | 10 | 5 | 20 | 30 | N | N | 200 | 30 | N | 300 | <.02 | 2.0 | 4 | 470 | 5 | 5.0 |
| 0441 | N | <5 | 10 | 20 | N | N | 300 | N | N | 150 | <.02 | 2.8 | 13 | 120 | 4 | 5.7 |
| 0442 | N | <5 | 15 | 15 | N | N | 300 | 30 | N | 200 | <.02 | 2.1 | 7 | 80 | 4 | 5.2 |
| 0443 | N | <5 | <10 | 15 | N | N | 150 | 15 | N | 150 | .03 | 2.1 | 10 | 35 | 2 | 5.0 |
| 0444 | N | <5 | 20 | 10 | N | N | 200 | 20 | N | 300 | <.02 | 2.6 | 13 | 58 | 4 | 5.2 |
| 0445 | N | <5 | 10 | 30 | N | N | 150 | 30 | N | 200 | <.02 | 2.3 | 30 | 90 | 4 | 5.2 |
| 0446 | N | 200 | 10 | 30 | N | N | 300 | 30 | N | 200 | <.02 | 1.9 | 34 | 200 | 4 | 5.2 |
| 0447 | N | 150 | 50 | 30 | N | N | 200 | 10 | N | 100 | <.02 | 2.5 | 53 | 210 | 42 | 5.7 |
| 0448 | 7 | 30 | <10 | 30 | N | N | 300 | 20 | N | 200 | .02 | 2.6 | 23 | 110 | 8 | 5.2 |
| 0449 | N | 20 | 10 | 30 | N | N | 200 | 30 | N | 150 | .02 | 2.3 | 15 | 100 | 8 | 5.2 |
| 0450 | N | <10 | 10 | 15 | N | N | 200 | 15 | N | 150 | <.02 | 1.5 | 18 | 63 | 8 | 5.2 |
| 0451 | N | <10 | 20 | 30 | N | N | 300 | 10 | N | 300 | <.02 | 1.6 | 26 | 97 | 9 | 5.2 |
| 0452 | 5 | <10 | <10 | 15 | N | N | 200 | 20 | N | 150 | <.02 | 1.6 | 7 | 52 | 4 | 5.2 |
| 0453 | <5 | <10 | 30 | 20 | N | N | 200 | 30 | N | 200 | <.02 | 1.4 | 7 | 27 | 4 | 5.0 |
| 0454 | 7 | <10 | N | 15 | N | N | 200 | 30 | N | 200 | <.02 | 2.0 | 10 | 44 | 6 | 5.7 |
| 0455 | 5 | <5 | <10 | 10 | N | N | 150 | 10 | N | 100 | <.02 | 1.9 | 16 | 87 | 4 | 5.2 |
| 0456 | <5 | <5 | 10 | 15 | 20 | N | 300 | 20 | N | 150 | <.02 | 1.8 | 7 | 54 | 5 | 6.0 |
| 0457 | 10 | <5 | 10 | 30 | 10 | N | 200 | 20 | N | 150 | <.02 | 2.0 | 10 | 220 | 6 | 6.0 |
| 0458 | 7 | <5 | 20 | 5 | 10 | N | 150 | 10 | N | 150 | .05 | 1.8 | 14 | 110 | 4 | 5.0 |
| 0459 | 5 | <5 | N | 5 | N | N | 150 | 20 | N | 200 | .02 | 1.0 | 5 | 5 | 3 | 5.2 |
| 0460 | 5 | <5 | 10 | 30 | 30 | N | 300 | 30 | N | 200 | .08 | 2.3 | 6 | 13 | 8 | 5.0 |
| 0461 | N | <5 | 10 | 20 | N | N | 200 | 20 | N | 200 | <.02 | 1.6 | 9 | 50 | 12 | 5.0 |
| 0462 | N | <5 | 10 | 20 | N | N | 150 | <10 | N | 100 | <.02 | 1.3 | 23 | 43 | 6 | 5.0 |
| 0463 | N | 30 | 10 | 20 | 15 | N | 150 | 10 | N | 150 | <.02 | 1.1 | 12 | 83 | 6 | 5.5 |
| 0464 | N | <5 | 10 | 15 | 20 | N | 150 | 15 | N | 150 | <.02 | 1.2 | 7 | 89 | 3 | 5.5 |
| 0465 | N | 5 | <10 | 30 | N | N | 300 | 20 | N | 150 | <.02 | 1.9 | 26 | 110 | 4 | 5.7 |
| 0466 | N | 5 | 15 | 20 | N | N | 150 | 20 | N | 150 | <.02 | 1.6 | 15 | 99 | 4 | 5.5 |
| 0467 | N | 5 | <10 | 30 | N | N | 200 | 30 | N | 100 | <.02 | 1.3 | 16 | 160 | 4 | 5.5 |
| 0468 | N | 5 | 10 | 15 | N | N | 150 | 10 | N | 150 | <.02 | .7 | 17 | 120 | 3 | 5.2 |
| 0469 | N | 5 | <10 | 30 | N | N | 150 | 30 | N | 150 | <.02 | 2.3 | 11 | 100 | 5 | 5.5 |
| 0470 | N | 30 | <10 | 50 | N | 200 | 150 | 50 | <200 | 100 | .02 | 1.9 | 140 | 210 | 6 | 6.5 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0471 | 127,430 | 39,240 | 5.0 | .70 | <.05 | .30 | 500 | .5 | <10 | 50 | N | 10 | N | 1,000 |
| 0472 | 127,410 | 39,280 | 3.0 | .30 | <.05 | .30 | 200 | .5 | <10 | 30 | N | N | N | 500 |
| 0473 | 127,390 | 39,320 | 3.0 | .30 | <.05 | .30 | 200 | N | <10 | 150 | N | N | 50 | 300 |
| 0474 | 127,790 | 38,950 | 7.0 | .30 | <.05 | .50 | 150 | .5 | <10 | 150 | N | N | 100 | 500 |
| 0475 | 127,780 | 38,920 | 5.0 | .30 | <.05 | .50 | 300 | N | <10 | 50 | N | 5 | 30 | 300 |
| 0476 | 127,750 | 38,860 | 3.0 | .50 | <.05 | .30 | 500 | N | <10 | 70 | N | 5 | N | 500 |
| 0477 | 127,700 | 38,835 | 7.0 | .30 | <.05 | .50 | 100 | N | <10 | 70 | N | 15 | 20 | 300 |
| 0478 | 127,650 | 38,805 | 7.0 | .50 | <.05 | .70 | 200 | N | <10 | 200 | N | 5 | 70 | 300 |
| 0479 | 127,600 | 38,805 | 3.0 | .10 | <.05 | .30 | 150 | N | <10 | 150 | N | N | 30 | 200 |
| 0480 | 127,530 | 38,810 | 5.0 | .30 | <.05 | .30 | 200 | N | <10 | 300 | N | <5 | 70 | 150 |
| 0481 | 127,470 | 38,830 | 10.0 | .70 | <.05 | .50 | 300 | N | <10 | 300 | N | <5 | 70 | 150 |
| 0482 | 127,430 | 38,865 | 10.0 | .30 | <.05 | .70 | 150 | N | <10 | 300 | N | <5 | 30 | 150 |
| 0483 | 127,400 | 38,890 | 3.0 | .50 | <.05 | .30 | 70 | N | 15 | 300 | N | <5 | 30 | 100 |
| 0484 | 127,360 | 38,915 | 7.0 | .70 | <.05 | .30 | 200 | N | <10 | 300 | N | <5 | 30 | 200 |
| 0485 | 127,320 | 38,930 | 3.0 | .10 | <.05 | .30 | 20 | N | <10 | 300 | N | N | 20 | 200 |
| 0486 | 127,330 | 38,575 | 3.0 | .05 | <.05 | .70 | 30 | N | <10 | 300 | N | N | 30 | 20 |
| 0487 | 127,360 | 38,600 | 3.0 | .07 | <.05 | .70 | 30 | N | 10 | 300 | N | N | 30 | 70 |
| 0488 | 127,410 | 38,625 | 3.0 | .20 | .05 | .70 | 30 | N | <10 | 300 | N | N | 30 | 70 |
| 0489 | 127,460 | 38,630 | 3.0 | 1.00 | <.05 | .50 | 300 | N | <10 | 150 | N | 5 | 70 | 1,500 |
| 0490 | 127,520 | 38,625 | 7.0 | .10 | 1.00 | .50 | 10 | N | <10 | 150 | N | N | 20 | 150 |
| 0491 | 127,570 | 38,625 | 7.0 | .20 | <.05 | .50 | 30 | N | <10 | 200 | N | N | 30 | 200 |
| 0492 | 126,400 | 40,170 | 3.0 | .05 | <.05 | .30 | 20 | N | <10 | 150 | N | N | 20 | 150 |
| 0493 | 126,450 | 40,150 | 5.0 | .10 | <.05 | .30 | 15 | N | <10 | 150 | N | N | 150 | 300 |
| 0494 | 126,500 | 40,125 | 3.0 | .03 | <.05 | .30 | 15 | N | <10 | 70 | N | N | 20 | 300 |
| 0495 | 126,530 | 40,100 | 7.0 | .07 | <.05 | .20 | 20 | .5 | <10 | 200 | N | N | 30 | 300 |
| 0496 | 126,600 | 40,100 | 7.0 | .50 | <.05 | .30 | 20 | 1.0 | <10 | 150 | N | N | 700 | 1,500 |
| 0497 | 126,620 | 40,115 | 15.0 | .70 | <.05 | .30 | 30 | .5 | <10 | 70 | N | 5 | 700 | 1,000 |
| 0498 | 126,680 | 40,125 | 15.0 | 2.00 | .05 | .20 | 1,000 | .5 | N | 150 | N | 200 | 5,000 | 2,000 |
| 0499 | 126,740 | 40,135 | 15.0 | .70 | <.05 | .30 | 150 | .5 | <10 | 150 | N | 15 | 1,500 | 1,500 |
| 0500 | 126,770 | 40,185 | 10.0 | .10 | <.05 | .70 | 100 | N | <10 | 300 | N | N | 70 | 500 |
| 0501 | 126,830 | 40,240 | 10.0 | .10 | <.05 | .70 | 150 | N | <10 | 200 | N | N | 150 | 700 |
| 0502 | 126,860 | 40,280 | 10.0 | .70 | <.05 | .70 | 1,500 | .7 | <10 | 500 | N | 30 | 70 | 700 |
| 0503 | 126,910 | 40,295 | 10.0 | .70 | <.05 | .70 | 700 | .5 | <10 | 150 | N | 10 | 150 | 1,000 |
| 0504 | 126,950 | 40,325 | 10.0 | .70 | <.05 | .70 | 1,500 | .5 | <10 | 300 | N | 20 | 20 | 500 |
| 0505 | 126,990 | 40,365 | 7.0 | .30 | <.05 | .30 | 700 | .7 | <10 | 200 | N | 5 | 20 | 300 |
| 0506 | 127,300 | 40,055 | 5.0 | .70 | .10 | .30 | 1,500 | N | <10 | 1,500 | N | 10 | 20 | 150 |
| 0507 | 127,250 | 40,020 | 5.0 | .30 | <.05 | .20 | 70 | .5 | <10 | 300 | N | <5 | 20 | 200 |
| 0508 | 127,220 | 40,005 | 7.0 | .70 | <.05 | .70 | 200 | N | <10 | 150 | N | 5 | 150 | 700 |
| 0509 | 127,160 | 39,990 | 5.0 | 1.00 | .07 | .30 | 1,500 | N | <10 | 100 | N | 30 | 700 | 1,500 |
| 0510 | 127,120 | 39,970 | 5.0 | .30 | <.05 | .30 | 150 | N | <10 | 300 | N | 5 | 70 | 300 |
| 0511 | 127,070 | 39,955 | 7.0 | .10 | <.05 | .50 | 100 | N | <10 | 300 | N | 15 | 100 | 500 |
| 0512 | 127,030 | 39,940 | 5.0 | .30 | <.05 | .30 | 100 | N | <10 | 200 | N | 5 | 20 | 700 |
| 0513 | 127,000 | 39,930 | 7.0 | .20 | <.05 | .30 | 30 | N | <10 | 200 | N | N | 150 | 700 |
| 0514 | 126,950 | 39,925 | 5.0 | .10 | <.05 | .30 | 20 | N | <10 | 300 | N | N | 70 | 200 |
| 0515 | 126,910 | 39,900 | 3.0 | .10 | <.05 | .30 | 15 | N | <10 | 300 | N | N | 70 | 300 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0471 | N | N | <10 | 20 | N | N | 100 | N | N | 150 | <.02 | 1.6 | 15 | 310 | 4 | 5.0 |
| 0472 | N | N | <10 | 10 | N | N | 100 | N | N | 100 | <.02 | 2.3 | 20 | 100 | 5 | 5.2 |
| 0473 | N | N | 10 | 15 | N | N | 150 | N | N | 200 | <.02 | 2.7 | 38 | 250 | 13 | 5.5 |
| 0474 | N | 7 | 20 | 30 | N | N | 300 | 15 | N | 150 | <.02 | 1.8 | 18 | 200 | 7 | 5.5 |
| 0475 | N | 5 | <10 | 15 | N | N | 150 | 10 | N | 300 | <.02 | 2.0 | 25 | 110 | 6 | 5.7 |
| 0476 | N | <5 | <10 | 15 | N | N | 150 | N | N | 300 | <.02 | 1.5 | 15 | 95 | 9 | 5.7 |
| 0477 | 7 | <5 | 15 | 15 | N | N | 300 | N | N | 200 | <.02 | 2.0 | 34 | 98 | 11 | 5.2 |
| 0478 | N | 15 | 10 | 20 | N | N | 150 | 10 | N | 300 | .05 | 2.2 | 100 | 98 | 12 | 5.2 |
| 0479 | N | 30 | 30 | 20 | N | N | 150 | N | N | 300 | .02 | 1.4 | 46 | 69 | 24 | 5.7 |
| 0480 | N | 15 | 30 | 20 | N | N | 150 | 15 | N | 200 | <.02 | 1.7 | 25 | 230 | 15 | 5.7 |
| 0481 | N | 15 | 15 | 30 | N | N | 300 | 15 | N | 200 | <.02 | 1.9 | 34 | 73 | 12 | 5.2 |
| 0482 | N | <5 | 15 | 70 | N | N | 300 | 30 | N | 300 | .02 | 1.9 | 37 | 220 | 13 | 5.7 |
| 0483 | N | 15 | <10 | 20 | N | N | 150 | 10 | N | 200 | .05 | 1.0 | 24 | 250 | 7 | 5.0 |
| 0484 | N | 10 | 10 | 30 | N | N | 200 | 20 | N | 200 | <.02 | 1.6 | 23 | 1,200 | 7 | 5.0 |
| 0485 | N | <5 | 30 | 20 | N | N | 70 | 15 | N | 200 | .02 | 1.6 | 11 | 250 | 17 | 5.0 |
| 0486 | N | <5 | N | 20 | N | N | 150 | 50 | N | 300 | <.02 | .9 | 4 | 200 | 5 | 5.2 |
| 0487 | N | <5 | <10 | 20 | N | N | 70 | 50 | N | 1,000 | <.02 | 1.2 | 7 | 590 | 9 | 5.2 |
| 0488 | 5 | <5 | <10 | 30 | N | N | 200 | 30 | N | 300 | <.02 | 1.1 | 6 | 270 | 11 | 5.0 |
| 0489 | 7 | 15 | 30 | 30 | N | N | 200 | 20 | N | 200 | .14 | 1.4 | 33 | 130 | 12 | 5.2 |
| 0490 | N | <5 | 20 | 30 | N | 300 | 200 | 30 | N | 200 | <.02 | 1.8 | 12 | 250 | 10 | 5.0 |
| 0491 | N | 10 | 30 | 30 | N | N | 300 | 20 | N | 200 | <.02 | 2.0 | 19 | 170 | 9 | 6.0 |
| 0492 | 15 | <10 | N | 7 | 10 | N | 70 | N | N | 200 | <.02 | .9 | 4 | 650 | 5 | 4.5 |
| 0493 | 30 | 10 | 10 | 10 | 150 | N | 100 | N | N | 70 | .08 | 1.4 | 4 | 290 | 5 | 4.5 |
| 0494 | 700 | <10 | N | 5 | 10 | N | 70 | 20 | N | 150 | <.02 | .7 | 2 | 490 | 2 | 4.0 |
| 0495 | 1,000 | <10 | 20 | 5 | 100 | N | 70 | 30 | N | 100 | .05 | 1.5 | 3 | 340 | 4 | 5.0 |
| 0496 | 700 | 20 | 20 | 30 | 150 | N | 150 | 10 | N | 70 | <.02 | 2.2 | 4 | 150 | 4 | 5.7 |
| 0497 | 7 | 100 | N | 30 | N | N | 300 | 30 | N | 70 | <.02 | 2.6 | 12 | 310 | 10 | 6.0 |
| 0498 | 5 | 1,000 | 30 | 100 | 150 | N | 300 | 15 | N | 20 | <.02 | 3.3 | 62 | 190 | 14 | 6.0 |
| 0499 | 5 | 300 | 15 | 50 | 150 | N | 300 | 15 | N | 150 | .05 | 2.2 | 29 | 77 | 15 | 5.5 |
| 0500 | N | 15 | 10 | 30 | 10 | N | 300 | 15 | N | 70 | <.02 | 2.3 | 9 | 97 | 6 | 6.0 |
| 0501 | N | 30 | 10 | 30 | N | N | 200 | 10 | N | 70 | <.02 | 2.4 | 22 | 86 | 7 | 6.0 |
| 0502 | N | 30 | <10 | 30 | N | N | 300 | 20 | N | 100 | <.02 | 2.4 | 73 | 210 | 8 | 6.5 |
| 0503 | N | 70 | 30 | 70 | 100 | N | 300 | 30 | N | 150 | <.02 | 2.4 | 98 | 180 | 12 | 6.5 |
| 0504 | N | 10 | 50 | 30 | 100 | N | 300 | 30 | N | 150 | .03 | 2.4 | 180 | 300 | 33 | 6.0 |
| 0505 | N | <5 | 30 | 30 | N | N | 150 | 10 | <200 | 100 | .05 | 1.9 | 76 | 97 | 14 | 5.5 |
| 0506 | N | <5 | 10 | 30 | N | N | 100 | 30 | 300 | 100 | <.02 | 1.8 | 260 | 54 | 6 | 6.2 |
| 0507 | N | 10 | 10 | 30 | N | N | 100 | N | N | 70 | <.02 | 1.7 | 17 | 43 | 7 | 5.7 |
| 0508 | N | 70 | 20 | 50 | N | N | 300 | 10 | N | 100 | <.02 | 2.0 | 15 | 54 | 10 | 5.2 |
| 0509 | N | 300 | 10 | 30 | N | N | 150 | 20 | N | 70 | <.02 | 2.5 | 130 | 140 | 11 | 5.7 |
| 0510 | 5 | <5 | 10 | 20 | N | N | 150 | N | N | 100 | <.02 | 2.1 | 14 | 230 | 6 | 5.5 |
| 0511 | N | 30 | 15 | 30 | N | N | 200 | 20 | N | 100 | <.02 | 1.7 | 9 | 16 | 9 | 5.7 |
| 0512 | N | <5 | 10 | 20 | N | N | 150 | 15 | N | 70 | <.02 | 1.7 | 7 | 25 | 3 | 5.2 |
| 0513 | 5 | <5 | <10 | 20 | N | N | 200 | 15 | N | 100 | .04 | 1.9 | 5 | 45 | 7 | 5.7 |
| 0514 | 150 | <5 | <10 | 20 | 15 | N | 200 | 20 | N | 150 | .04 | 1.1 | 3 | 930 | 2 | 5.5 |
| 0515 | 150 | <5 | <10 | 20 | 10 | N | 150 | 20 | N | 150 | .20 | 1.0 | 2 | 84 | 2 | 6.0 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0516 | 126,880 | 39,895 | 5.0 | .30 | <.05 | .30 | 10 | N | <10 | 300 | N | N | 100 | 500 |
| 0517 | 126,840 | 39,875 | 7.0 | .70 | <.05 | .30 | 30 | N | <10 | 300 | N | N | 500 | 1,000 |
| 0518 | 126,820 | 39,840 | 7.0 | 1.50 | <.05 | .50 | 70 | N | <10 | 700 | N | N | 500 | 700 |
| 0519 | 126,770 | 39,820 | 7.0 | 2.00 | 1.50 | .50 | 700 | N | <10 | 300 | N | 10 | 1,000 | 700 |
| 0520 | 126,730 | 39,800 | 3.0 | .70 | .70 | .30 | 1,000 | N | <10 | 500 | N | 15 | 150 | 700 |
| 0521 | 126,720 | 39,780 | 3.0 | .70 | .70 | .30 | 1,500 | N | 15 | 500 | N | 20 | 20 | 700 |
| 0522 | 126,700 | 39,740 | 7.0 | .30 | <.05 | .30 | 50 | N | <10 | 300 | N | N | 70 | 500 |
| 0523 | 126,680 | 39,720 | 3.0 | .70 | 1.50 | .30 | 1,500 | N | <10 | 700 | N | 20 | 100 | 500 |
| 0524 | 126,500 | 40,620 | 7.0 | .20 | <.05 | .70 | 150 | N | <10 | 500 | N | N | 150 | 200 |
| 0525 | 126,480 | 40,675 | 7.0 | .50 | <.05 | .30 | 200 | N | <10 | 500 | N | 5 | 30 | 150 |
| 0526 | 126,460 | 40,720 | 7.0 | .70 | <.05 | .50 | 100 | N | <10 | 1,500 | N | N | 50 | 150 |
| 0527 | 126,410 | 40,755 | 7.0 | .70 | <.05 | .50 | 1,000 | N | <10 | 200 | N | 10 | 150 | 500 |
| 0528 | 126,350 | 40,780 | 7.0 | 1.50 | 1.50 | .30 | 700 | N | 20 | 200 | N | 30 | 20 | 300 |
| 0529 | 126,320 | 40,815 | 7.0 | .70 | .05 | .30 | 700 | .5 | <10 | 300 | N | 15 | 20 | 700 |
| 0530 | 126,300 | 40,830 | 7.0 | .70 | .05 | .70 | 1,000 | N | <10 | 1,500 | N | 5 | 70 | 150 |
| 0531 | 126,250 | 40,850 | 7.0 | .70 | .05 | .50 | 1,500 | N | 20 | 700 | N | 5 | 70 | 150 |
| 0532 | 126,220 | 40,875 | 7.0 | .70 | <.05 | .70 | 1,000 | .5 | <10 | 70 | N | 10 | 150 | 1,000 |
| 0533 | 126,180 | 40,900 | 7.0 | 1.00 | <.05 | .70 | 1,500 | .5 | <10 | 70 | N | 30 | 300 | 2,000 |
| 0534 | 126,140 | 40,935 | 7.0 | .70 | <.05 | .70 | 1,500 | .5 | <10 | 150 | N | 30 | 100 | 1,500 |
| 0535 | 126,110 | 40,880 | 7.0 | 1.50 | .70 | .50 | 1,500 | .5 | 20 | 300 | N | 50 | 70 | 1,000 |
| 0536 | 126,070 | 40,845 | 7.0 | 1.00 | <.05 | .70 | 1,500 | N | 30 | 100 | N | 30 | 150 | 1,500 |
| 0537 | 126,030 | 40,800 | 7.0 | 1.50 | .30 | .70 | 1,500 | N | <10 | 300 | N | 50 | 150 | 1,000 |
| 0538 | 126,010 | 40,745 | 5.0 | 1.50 | 1.00 | .30 | 1,000 | .7 | <10 | 300 | N | 20 | 700 | 7,000 |
| 0539 | 125,980 | 40,690 | 5.0 | .70 | <.05 | .30 | 1,500 | .7 | <10 | 200 | N | 30 | 20 | 5,000 |
| 0540 | 126,040 | 40,675 | 7.0 | .10 | <.05 | .30 | 100 | N | <10 | 100 | N | N | 20 | 700 |
| 0541 | 126,080 | 40,640 | 1.5 | .20 | <.05 | .30 | 30 | N | <10 | 500 | N | N | 20 | 100 |
| 0542 | 126,120 | 40,620 | 5.0 | .20 | <.05 | .30 | 30 | N | <10 | 300 | N | N | 20 | 300 |
| 0543 | 126,150 | 40,600 | 2.0 | .20 | <.05 | .30 | 100 | N | <10 | 500 | N | N | N | 150 |
| 0544 | 126,200 | 40,550 | 5.0 | .10 | <.05 | .30 | 30 | N | <10 | 200 | N | N | 20 | 300 |
| 0545 | 126,220 | 40,500 | 3.0 | .30 | <.05 | .30 | 20 | N | <10 | 200 | N | N | 70 | 150 |
| 0546 | 126,260 | 40,450 | 3.0 | .30 | <.05 | .30 | 30 | N | 30 | 200 | N | N | 50 | 200 |
| 0547 | 126,300 | 40,410 | 5.0 | .20 | <.05 | .30 | 30 | N | <10 | 200 | N | N | 70 | 700 |
| 0548 | 126,340 | 40,370 | 5.0 | .50 | <.05 | .30 | 30 | N | 10 | 300 | N | N | 70 | 300 |
| 0549 | 126,370 | 40,320 | 1.5 | .20 | <.05 | .30 | 30 | N | <10 | 200 | N | N | N | 150 |
| 0550 | 126,120 | 40,135 | 7.0 | .70 | 1.50 | .50 | 1,500 | .5 | <10 | 200 | N | 20 | 100 | 1,000 |
| 0551 | 126,070 | 40,175 | 7.0 | .70 | 1.50 | .50 | 1,500 | N | <10 | 300 | N | 10 | 100 | 150 |
| 0552 | 126,050 | 40,225 | 15.0 | 1.50 | .20 | .70 | 500 | N | <10 | 150 | N | 10 | 1,000 | 700 |
| 0553 | 126,040 | 40,250 | 15.0 | 1.50 | <.05 | .70 | 300 | N | <10 | 150 | N | 5 | 1,500 | 700 |
| 0554 | 126,010 | 40,290 | 10.0 | 1.50 | <.05 | .70 | 200 | .5 | <10 | 150 | N | N | 700 | 500 |
| 0555 | 125,980 | 40,325 | 7.0 | 1.50 | .20 | .70 | 300 | .5 | <10 | 200 | N | 5 | 700 | 700 |
| 0556 | 125,980 | 40,395 | 7.0 | 1.50 | .70 | .70 | 1,500 | .5 | <10 | 500 | N | 20 | 700 | 700 |
| 0557 | 125,980 | 40,440 | 5.0 | .70 | .10 | .30 | 300 | .5 | <10 | 300 | N | 5 | 30 | 1,500 |
| 0558 | 125,970 | 40,500 | 5.0 | .70 | .10 | .30 | 300 | .5 | <10 | 300 | N | 5 | 30 | 1,500 |
| 0559 | 125,960 | 40,540 | 7.0 | .70 | <.05 | .30 | 300 | .5 | <10 | 150 | N | 5 | 50 | 1,000 |
| 0560 | 125,940 | 40,600 | 7.0 | .70 | .20 | .30 | 1,500 | 1.0 | <10 | 200 | N | 10 | 150 | 3,000 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0516 | 200 | <5 | <10 | 20 | N | N | 300 | 20 | N | 150 | .12 | 1.0 | 2 | 100 | 3 | 5.0 |
| 0517 | 30 | 5 | <10 | 30 | N | N | 300 | 20 | N | 70 | .02 | 1.7 | 5 | 100 | 2 | 5.2 |
| 0518 | 5 | 15 | 10 | 50 | N | N | 300 | 15 | N | 150 | <.02 | 1.6 | 4 | 270 | 4 | 5.0 |
| 0519 | N | 150 | 10 | 70 | N | N | 1,000 | 15 | N | 70 | <.02 | 2.2 | 12 | 130 | 5 | 5.5 |
| 0520 | N | 150 | <10 | 20 | N | N | 150 | 20 | N | 100 | <.02 | 1.1 | 69 | 140 | 5 | 5.7 |
| 0521 | N | 15 | 20 | 15 | N | N | 150 | 30 | N | 150 | <.02 | .7 | 54 | 970 | 10 | 5.7 |
| 0522 | <5 | <5 | 10 | 20 | 10 | N | 300 | 20 | N | 150 | .02 | 1.8 | 8 | 550 | 5 | 5.2 |
| 0523 | N | 15 | 10 | 15 | N | N | 150 | 20 | N | 150 | <.02 | 1.2 | 51 | 1,200 | 6 | 5.0 |
| 0524 | N | 30 | 10 | 30 | N | N | 300 | 20 | N | 100 | <.02 | 1.8 | 18 | 800 | 8 | 6.5 |
| 0525 | N | 20 | 10 | 30 | N | N | 200 | 10 | N | 70 | <.02 | 1.8 | 26 | 210 | 6 | 6.0 |
| 0526 | N | <5 | 10 | 30 | N | N | 300 | 10 | N | 70 | <.02 | 2.4 | 7 | 360 | 3 | 5.5 |
| 0527 | N | 15 | 10 | 30 | N | N | 300 | 10 | N | 70 | <.02 | 1.8 | 17 | 610 | 4 | 5.2 |
| 0528 | N | 20 | <10 | 50 | N | N | 300 | 20 | N | 70 | <.02 | 2.5 | 90 | 560 | 7 | 7.0 |
| 0529 | N | 10 | 15 | 50 | N | N | 300 | 10 | 200 | 70 | .03 | 2.5 | 120 | 230 | 8 | 6.2 |
| 0530 | N | <5 | 10 | 50 | N | N | 300 | 10 | N | 70 | <.02 | 1.9 | 54 | 93 | 4 | 6.7 |
| 0531 | N | <5 | <10 | 30 | N | N | 150 | 10 | N | 70 | <.02 | 2.1 | 140 | 110 | 4 | 6.7 |
| 0532 | N | 70 | 10 | 50 | N | N | 300 | 20 | 200 | 70 | <.02 | 2.5 | 200 | 590 | 10 | 5.7 |
| 0533 | N | 100 | 30 | 70 | 30 | N | 300 | 20 | 300 | 70 | <.02 | 3.2 | 480 | 1,300 | 8 | 6.2 |
| 0534 | N | 70 | 10 | 70 | N | N | 300 | 30 | 300 | 70 | .05 | 3.0 | 380 | 650 | 9 | 5.7 |
| 0535 | N | 30 | 10 | 50 | N | N | 300 | 30 | 200 | 70 | .03 | 2.8 | 180 | 360 | 9 | 6.5 |
| 0536 | N | 70 | 10 | 70 | N | N | 300 | 30 | <200 | 70 | <.02 | 2.4 | 100 | 390 | 9 | 5.5 |
| 0537 | N | 70 | 15 | 70 | N | N | 300 | 20 | 300 | 70 | .04 | 2.6 | 280 | 420 | 10 | 6.5 |
| 0538 | 15 | 100 | <10 | 30 | N | N | 200 | 20 | N | 100 | .07 | 1.9 | 87 | 3,100 | 7 | 5.7 |
| 0539 | N | 10 | 10 | 30 | N | N | 150 | 20 | N | 100 | <.02 | 1.7 | 75 | 2,600 | 6 | 6.0 |
| 0540 | 7 | <5 | <10 | 5 | N | N | 150 | N | N | 150 | <.02 | 1.5 | 8 | 400 | 6 | 5.5 |
| 0541 | 7 | <5 | N | 7 | N | N | 100 | N | N | 200 | .04 | .5 | 6 | 55 | 2 | 4.7 |
| 0542 | <5 | <5 | <10 | 7 | N | N | 100 | N | N | 100 | <.02 | 1.3 | 4 | 230 | 3 | 4.7 |
| 0543 | 5 | <5 | N | 10 | N | N | 70 | N | N | 150 | <.02 | .9 | 3 | 100 | 5 | 5.0 |
| 0544 | 10 | <5 | <10 | 7 | N | N | 100 | N | N | 70 | <.02 | 1.1 | 3 | 160 | 3 | 5.2 |
| 0545 | 10 | <5 | N | 15 | N | N | 150 | N | N | 300 | .03 | .8 | 2 | 68 | 1 | 5.5 |
| 0546 | 10 | <5 | N | 15 | N | N | 150 | N | N | 70 | <.02 | 1.3 | 4 | 130 | 4 | 5.0 |
| 0547 | 70 | <5 | <10 | 7 | N | N | 70 | N | N | 100 | <.02 | 2.1 | 3 | 380 | 3 | 5.5 |
| 0548 | 150 | <5 | N | 10 | N | N | 100 | N | N | 70 | <.02 | .9 | 1 | 180 | 2 | 5.5 |
| 0549 | N | <5 | N | 7 | N | N | 70 | N | N | 100 | .02 | .5 | 10 | 86 | 3 | 4.7 |
| 0550 | N | 30 | 10 | 30 | N | N | 300 | 15 | N | 500 | <.02 | 1.3 | 78 | 540 | 10 | 5.2 |
| 0551 | N | 30 | 10 | 30 | N | N | 150 | 30 | N | 100 | <.02 | 1.0 | 47 | 64 | 10 | 5.2 |
| 0552 | N | 200 | 15 | 100 | N | N | 300 | 20 | N | 100 | <.02 | 2.3 | 81 | 330 | 13 | 5.2 |
| 0553 | N | 150 | 10 | >100 | N | N | 500 | 20 | N | 70 | .02 | 2.4 | 57 | 500 | 12 | 5.5 |
| 0554 | N | 10 | 30 | 70 | N | N | 300 | 15 | N | 70 | <.02 | 2.2 | 81 | 270 | 12 | 5.5 |
| 0555 | N | 150 | 30 | 100 | N | N | 300 | 30 | N | 70 | <.02 | 2.2 | 36 | 280 | 10 | 5.0 |
| 0556 | <5 | 70 | 20 | 50 | N | N | 300 | 20 | N | 70 | <.02 | 2.2 | 130 | 450 | 11 | 6.2 |
| 0557 | 300 | 10 | <10 | 15 | N | N | 100 | 10 | N | 150 | .11 | 1.1 | 17 | 820 | 3 | 5.5 |
| 0558 | 70 | 7 | <10 | 10 | N | N | 100 | 10 | N | 70 | .05 | 1.2 | 21 | 760 | 8 | 6.0 |
| 0559 | 20 | 7 | <10 | 10 | N | N | 100 | 10 | N | 70 | .03 | 1.3 | 25 | 810 | 5 | 5.7 |
| 0560 | 15 | 50 | <10 | 15 | N | N | 150 | 10 | N | 70 | .04 | 1.3 | 30 | 2,300 | 7 | 6.0 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0561 | 125,910 | 40,650 | 5.0 | .30 | <.05 | .15 | 100 | N | <10 | 150 | N | 5 | 30 | 1,000 |
| 0562 | 125,870 | 40,620 | 5.0 | .70 | <.05 | .20 | 200 | .5 | <10 | 100 | N | 10 | 300 | 7,000 |
| 0563 | 125,830 | 40,575 | 5.0 | .70 | 1.00 | .30 | 300 | .5 | <10 | 150 | N | 10 | 150 | 1,500 |
| 0564 | 125,780 | 40,570 | 7.0 | 1.00 | <.05 | .70 | 150 | .5 | <10 | 300 | N | 5 | 1,000 | 1,500 |
| 0565 | 125,730 | 40,540 | 5.0 | .70 | <.05 | .30 | 700 | N | <10 | 150 | N | 5 | 70 | 700 |
| 0566 | 125,670 | 40,520 | 5.0 | .70 | <.05 | .30 | 50 | N | <10 | 300 | N | N | 150 | 700 |
| 0567 | 125,630 | 40,520 | 7.0 | .70 | <.05 | .30 | 50 | N | <10 | 200 | N | N | 100 | 700 |
| 0568 | 125,630 | 40,460 | 7.0 | .70 | .05 | .70 | 1,000 | N | <10 | 100 | N | 15 | 700 | 1,000 |
| 0569 | 125,620 | 40,415 | 2.0 | .70 | <.05 | .30 | 300 | .7 | <10 | 150 | N | 5 | 20 | 1,500 |
| 0570 | 125,630 | 40,350 | 3.0 | .70 | <.05 | .20 | 300 | .7 | <10 | 20 | N | 5 | 20 | 7,000 |
| 0571 | 125,680 | 40,320 | 1.5 | .70 | <.05 | .20 | 500 | .5 | <10 | 150 | N | 10 | 20 | 5,000 |
| 0572 | 125,700 | 40,265 | 2.0 | .70 | <.05 | .20 | 100 | 1.0 | <10 | 20 | N | 20 | 300 | 3,000 |
| 0573 | 125,780 | 40,220 | 5.0 | 1.50 | <.05 | .30 | 1,500 | 1.5 | <10 | 70 | N | 20 | 300 | 7,000 |
| 0574 | 125,770 | 40,145 | 5.0 | 1.00 | <.05 | .30 | 100 | N | <10 | 100 | N | 15 | 300 | 1,500 |
| 0575 | 125,800 | 40,080 | 5.0 | .30 | <.05 | .70 | 20 | N | <10 | 700 | N | 5 | 50 | 500 |
| 0576 | 125,850 | 40,070 | 7.0 | .70 | .10 | .50 | 150 | N | <10 | 200 | N | 15 | 700 | 300 |
| 0577 | 125,920 | 40,025 | 7.0 | 3.00 | .20 | .30 | 300 | N | <10 | 100 | N | 30 | 1,000 | 1,000 |
| 0578 | 125,960 | 40,000 | 7.0 | .70 | <.05 | .50 | 300 | N | <10 | 150 | N | 15 | 700 | 700 |
| 0579 | 126,010 | 39,980 | 7.0 | .70 | <.05 | .30 | 300 | N | <10 | 100 | N | 30 | 300 | 700 |
| 0580 | 125,250 | 39,630 | 5.0 | .30 | <.05 | .50 | 70 | N | <10 | 200 | N | N | 30 | 700 |
| 0581 | 125,270 | 39,680 | 7.0 | .70 | <.05 | .50 | 300 | .5 | <10 | 150 | N | 5 | 30 | 1,000 |
| 0582 | 125,310 | 39,730 | 7.0 | .50 | <.05 | .30 | 100 | N | <10 | 100 | N | <5 | 30 | 1,000 |
| 0583 | 125,320 | 39,775 | 7.0 | .30 | <.05 | .50 | 70 | N | <10 | 200 | N | N | 30 | 700 |
| 0584 | 125,330 | 39,815 | 7.0 | .10 | <.05 | .50 | 30 | N | <10 | 200 | N | 5 | 30 | 150 |
| 0585 | 125,330 | 39,845 | 3.0 | .70 | <.05 | .50 | 30 | N | 15 | 500 | N | 5 | 20 | 150 |
| 0586 | 125,330 | 39,880 | 5.0 | .50 | <.05 | .30 | 70 | N | 15 | 150 | N | 5 | 20 | 300 |
| 0587 | 125,360 | 39,935 | 3.0 | .20 | <.05 | .30 | 300 | N | <10 | 200 | N | 30 | 20 | 500 |
| 0588 | 125,370 | 39,975 | 3.0 | .20 | <.05 | .30 | 200 | N | <10 | 70 | N | 5 | 20 | 70 |
| 0589 | 125,370 | 40,025 | 5.0 | .10 | <.05 | .70 | 150 | N | <10 | 70 | N | 5 | 50 | 150 |
| 0590 | 125,400 | 40,075 | 7.0 | .30 | <.05 | .70 | 150 | N | <10 | 100 | N | N | 20 | 500 |
| 0591 | 125,410 | 40,100 | 3.0 | .10 | <.05 | .70 | 100 | N | 20 | 300 | N | N | 70 | 200 |
| 0592 | 125,430 | 40,145 | 7.0 | .02 | <.05 | .30 | 30 | N | <10 | 200 | N | N | 20 | 150 |
| 0593 | 125,420 | 40,190 | 3.0 | .30 | .05 | .70 | 20 | N | <10 | 150 | N | N | 20 | 150 |
| 0594 | 125,420 | 40,230 | 5.0 | <.02 | <.05 | .30 | 10 | N | <10 | 30 | N | N | 20 | 150 |
| 0595 | 125,450 | 40,300 | 7.0 | .10 | <.05 | .70 | 50 | N | 15 | 150 | N | N | 50 | 700 |
| 0596 | 125,500 | 40,350 | 5.0 | .70 | <.05 | .30 | 1,500 | .5 | <10 | 1,000 | 1 | 30 | 20 | 3,000 |
| 0597 | 125,560 | 40,375 | 5.0 | .70 | <.05 | .30 | 700 | .7 | <10 | 70 | 1 | 10 | 20 | 2,000 |
| 0598 | 125,610 | 40,325 | 7.0 | .70 | <.05 | .20 | 300 | .5 | <10 | 100 | N | 15 | 20 | 3,000 |
| 0599 | 125,600 | 40,290 | 7.0 | .70 | .05 | .30 | 300 | 1.0 | <10 | 50 | N | 10 | 20 | 3,000 |
| 0600 | 125,600 | 40,250 | 7.0 | .70 | .05 | .30 | 300 | .7 | <10 | 70 | N | 10 | 30 | 3,000 |
| 0601 | 125,580 | 40,225 | 7.0 | .70 | <.05 | .30 | 300 | N | <10 | 70 | N | N | 50 | 2,000 |
| 0602 | 125,560 | 40,175 | 3.0 | .70 | <.05 | .20 | 300 | .5 | <10 | 300 | N | 5 | 20 | 2,000 |
| 0603 | 125,560 | 40,100 | 7.0 | .70 | <.05 | .70 | 150 | 1.0 | <10 | 1,500 | N | N | 500 | 5,000 |
| 0604 | 125,000 | 40,070 | 3.0 | .20 | <.05 | .30 | 30 | N | <10 | 30 | N | N | 50 | 70 |
| 0605 | 125,000 | 40,105 | 3.0 | .20 | <.05 | .30 | 150 | N | <10 | 150 | N | N | 20 | 100 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0561 | 70 | 7 | <10 | 5 | N | N | 100 | N | N | 70 | .04 | 1.3 | 16 | 640 | 5 | 5.2 |
| 0562 | <5 | 70 | 20 | 20 | N | N | 150 | 15 | N | 50 | .10 | 1.6 | 36 | 4,400 | 5 | 5.2 |
| 0563 | 70 | 70 | 10 | 15 | N | N | 150 | 15 | N | 70 | .14 | 1.5 | 25 | 1,800 | 7 | 5.5 |
| 0564 | 70 | 70 | 10 | 50 | N | N | 300 | 20 | N | 100 | .02 | 1.8 | 5 | 980 | 6 | 5.7 |
| 0565 | 5 | 20 | 10 | 15 | N | N | 150 | 10 | N | 150 | <.02 | 1.2 | 16 | 250 | 6 | 5.2 |
| 0566 | 7 | 5 | <10 | 20 | N | N | 150 | 10 | N | 70 | <.02 | 1.8 | 6 | 450 | 5 | 5.5 |
| 0567 | 70 | 5 | 10 | 20 | N | N | 150 | 10 | N | 70 | .02 | 1.7 | 6 | 610 | 5 | 5.5 |
| 0568 | 5 | 100 | 10 | 50 | N | N | 300 | 20 | N | 70 | <.02 | 2.0 | 35 | 570 | 10 | 5.7 |
| 0569 | N | 15 | 15 | 10 | N | N | 100 | 10 | N | 100 | .16 | 1.0 | 54 | 970 | 11 | 6.0 |
| 0570 | N | 15 | 10 | 15 | N | N | 100 | 10 | N | 70 | .44 | 1.0 | 57 | 3,300 | 9 | 5.5 |
| 0571 | N | 10 | 15 | 10 | N | N | 100 | 10 | N | 100 | .30 | 1.1 | 90 | 3,500 | 20 | 6.0 |
| 0572 | N | 15 | 10 | 15 | N | N | 100 | 10 | N | 70 | .29 | 1.2 | 22 | 2,000 | 10 | 6.5 |
| 0573 | 20 | 70 | 30 | 30 | N | N | 300 | 20 | 300 | 70 | .07 | 1.9 | 360 | 3,800 | 38 | 6.0 |
| 0574 | 7 | 70 | 10 | 30 | N | N | 200 | 15 | N | 70 | <.02 | 1.6 | 58 | 1,000 | 9 | 5.5 |
| 0575 | 50 | 5 | 10 | 15 | N | N | 150 | 20 | N | 150 | <.02 | .9 | 59 | 3,000 | 11 | 5.7 |
| 0576 | 7 | 100 | <10 | 15 | N | N | 300 | 15 | N | 70 | <.02 | 1.7 | 45 | 320 | 8 | 5.5 |
| 0577 | 7 | 500 | 10 | 15 | N | N | 200 | 15 | N | 50 | .03 | 2.3 | 62 | 830 | 7 | 5.5 |
| 0578 | 7 | 70 | 15 | 15 | N | N | 300 | 10 | N | 50 | <.02 | 2.0 | 49 | 360 | 11 | 5.5 |
| 0579 | 5 | 100 | <10 | 20 | N | N | 300 | 15 | N | 50 | .02 | 2.2 | 34 | 470 | 7 | 5.7 |
| 0580 | 5 | 5 | 10 | 15 | 10 | N | 150 | 10 | N | 100 | .03 | 1.2 | 11 | 470 | 10 | 6.0 |
| 0581 | <5 | 5 | 10 | 15 | N | N | 150 | 15 | N | 100 | .13 | 1.6 | 48 | 1,100 | 10 | 5.5 |
| 0582 | 5 | 15 | 10 | 15 | N | N | 150 | 15 | N | 150 | .20 | 1.6 | 9 | 770 | 8 | 6.0 |
| 0583 | 5 | <5 | 10 | 15 | N | N | 150 | 20 | N | 200 | .10 | 1.5 | 5 | 340 | 5 | 6.0 |
| 0584 | 7 | <5 | <10 | 15 | N | N | 150 | 15 | N | 150 | .03 | 1.6 | 4 | 150 | 5 | 6.0 |
| 0585 | 7 | <5 | 10 | 15 | N | N | 150 | 20 | N | 150 | <.02 | .9 | 5 | 110 | 3 | 6.0 |
| 0586 | 5 | <5 | 10 | 10 | N | N | 200 | 10 | N | 150 | <.02 | 1.1 | 8 | 210 | 6 | 5.5 |
| 0587 | N | <5 | <10 | 20 | N | N | 100 | 100 | N | 150 | .02 | .9 | 50 | 320 | 5 | 6.0 |
| 0588 | N | <5 | <10 | 15 | N | N | 150 | N | N | 150 | <.02 | .7 | 4 | 32 | 5 | 5.2 |
| 0589 | 5 | <5 | <10 | 10 | N | N | 200 | 15 | N | 200 | .02 | 1.1 | 9 | 110 | 6 | 5.5 |
| 0590 | 5 | <5 | 10 | 20 | N | N | 150 | 10 | N | 150 | <.02 | 1.3 | 6 | 160 | 7 | 5.2 |
| 0591 | <5 | 5 | <10 | 20 | N | N | 100 | 10 | N | 150 | <.02 | 1.0 | 3 | 120 | 4 | 5.2 |
| 0592 | 5 | <5 | <10 | 10 | N | N | 50 | 20 | N | 150 | .03 | 1.2 | 2 | 100 | 5 | 6.2 |
| 0593 | 100 | <5 | <10 | 20 | N | N | 300 | 20 | N | 200 | <.02 | .6 | 2 | 130 | 2 | 5.7 |
| 0594 | 20 | <5 | 10 | 7 | N | N | 100 | 30 | N | 200 | .27 | .9 | 1 | 120 | 1 | 6.0 |
| 0595 | 20 | 5 | 30 | 30 | N | N | 200 | 30 | N | 300 | .13 | 1.6 | 6 | 480 | 10 | 6.0 |
| 0596 | 5 | 5 | 10 | 15 | N | N | 100 | 10 | N | 200 | .62 | 1.1 | 32 | 2,200 | 15 | 5.7 |
| 0597 | N | 5 | 10 | 15 | N | N | 100 | 20 | N | 200 | .16 | 1.5 | 36 | 2,300 | 11 | 6.0 |
| 0598 | N | 5 | <10 | 10 | N | N | 150 | N | N | 70 | .22 | 1.2 | 37 | 2,500 | 12 | 5.7 |
| 0599 | N | 15 | 10 | 10 | N | N | 100 | N | N | 70 | .22 | 1.1 | 46 | 2,400 | 13 | 6.0 |
| 0600 | N | 10 | 10 | 15 | N | N | 150 | N | N | 150 | .19 | 1.1 | 31 | 1,700 | 11 | 6.0 |
| 0601 | N | 5 | 10 | 15 | N | N | 100 | 15 | N | 200 | .15 | 1.2 | 30 | 1,800 | 13 | 6.5 |
| 0602 | 5 | <5 | 10 | 7 | N | N | 100 | N | N | 70 | .04 | 1.3 | 48 | 2,200 | 9 | 6.0 |
| 0603 | 10 | 5 | 10 | 50 | N | 200 | 300 | 30 | N | 70 | .02 | 2.3 | 43 | 2,800 | 8 | 5.2 |
| 0604 | <5 | <5 | 10 | 20 | N | N | 150 | 10 | N | 150 | <.02 | 1.4 | 31 | 32 | 11 | 6.0 |
| 0605 | 5 | <5 | 10 | 20 | N | N | 100 | 10 | <200 | 100 | .04 | .8 | 120 | 100 | 17 | 6.0 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0606 | 125,020 | 40,140 | 3.0 | .10 | .05 | .30 | 1,500 | N | <10 | 150 | N | 15 | 20 | 150 |
| 0607 | 125,080 | 40,150 | 5.0 | .20 | <.05 | .30 | 1,500 | N | <10 | 300 | N | 20 | 20 | 100 |
| 0608 | 125,120 | 40,165 | 10.0 | .70 | .30 | .70 | 700 | N | <10 | 200 | N | 30 | 20 | 200 |
| 0609 | 125,170 | 40,160 | 3.0 | .10 | <.05 | .30 | 150 | N | <10 | 50 | N | 5 | 20 | 700 |
| 0610 | 125,240 | 40,215 | 7.0 | .07 | .05 | .30 | 3,000 | N | <10 | 100 | N | 20 | 30 | 200 |
| 0611 | 125,300 | 40,225 | 5.0 | .05 | <.05 | .30 | 30 | N | <10 | 150 | N | N | 20 | 200 |
| 0612 | 125,350 | 40,225 | 3.0 | .10 | <.05 | .30 | 30 | N | <10 | 200 | N | N | 20 | 200 |
| 0613 | 124,930 | 40,130 | 5.0 | .05 | <.05 | .30 | 150 | N | <10 | 70 | N | 5 | 30 | 100 |
| 0614 | 124,870 | 40,140 | 7.0 | .30 | <.05 | .50 | 50 | N | <10 | 150 | N | 5 | 20 | 50 |
| 0615 | 124,530 | 40,720 | 3.0 | .20 | <.05 | .30 | 300 | N | <10 | 200 | N | 10 | 20 | 200 |
| 0616 | 124,590 | 40,740 | 7.0 | 1.50 | 1.50 | .50 | 3,000 | N | <10 | 300 | N | 30 | 700 | 700 |
| 0617 | 124,630 | 40,765 | 7.0 | .70 | 1.50 | .50 | 2,000 | N | <10 | 150 | N | 30 | 70 | 1,000 |
| 0618 | 124,700 | 40,780 | 7.0 | 1.00 | 1.50 | .30 | 500 | N | <10 | 150 | N | 5 | 20 | 700 |
| 0619 | 124,760 | 40,765 | 5.0 | 1.50 | 1.50 | .30 | 500 | N | <10 | 70 | N | 20 | 50 | 700 |
| 0620 | 124,820 | 40,760 | 7.0 | 1.00 | .30 | .30 | 700 | N | <10 | 150 | N | 30 | 150 | 700 |
| 0621 | 124,860 | 40,735 | 7.0 | .70 | <.05 | .50 | 1,500 | N | <10 | 300 | N | 30 | 150 | 700 |
| 0622 | 124,920 | 40,725 | 7.0 | 1.00 | 1.00 | .30 | 700 | N | <10 | 300 | N | 20 | 700 | 1,500 |
| 0623 | 124,960 | 40,715 | 7.0 | .70 | <.05 | .30 | 700 | .5 | 30 | 200 | N | 5 | 700 | 700 |
| 0624 | 125,010 | 40,720 | 7.0 | .70 | <.05 | .30 | 1,500 | N | 20 | 150 | N | N | 150 | 700 |
| 0625 | 125,040 | 40,700 | 7.0 | 1.00 | .05 | .30 | 700 | .5 | <10 | 200 | N | 15 | 300 | 700 |
| 0626 | 125,080 | 40,675 | 7.0 | 2.00 | .70 | .50 | 1,500 | N | <10 | 500 | N | 15 | 700 | 1,500 |
| 0627 | 125,130 | 40,640 | 7.0 | .70 | <.05 | .30 | 500 | N | <10 | 150 | N | N | 150 | 700 |
| 0628 | 125,170 | 40,640 | 7.0 | .70 | <.05 | .30 | 1,000 | .5 | <10 | 100 | N | 5 | 200 | 700 |
| 0629 | 125,220 | 40,615 | 7.0 | .70 | <.05 | .50 | 300 | N | <10 | 150 | N | 5 | 700 | 1,000 |
| 0630 | 125,270 | 40,575 | 7.0 | 1.50 | <.05 | .50 | 200 | N | <10 | 100 | N | 10 | 700 | 1,000 |
| 0631 | 125,310 | 40,550 | 10.0 | 1.50 | <.05 | .70 | 300 | 1.0 | <10 | 150 | N | 10 | 1,000 | 1,500 |
| 0632 | 125,350 | 40,530 | 5.0 | .70 | <.05 | .30 | 150 | N | <10 | 200 | N | N | 700 | 700 |
| 0633 | 125,420 | 40,515 | 5.0 | .30 | <.05 | .30 | 300 | N | <10 | 150 | N | 5 | 70 | 700 |
| 0634 | 125,480 | 40,515 | 7.0 | .70 | <.05 | .50 | 300 | N | <10 | 70 | N | 5 | 300 | 700 |
| 0635 | 125,530 | 40,520 | 7.0 | .70 | <.05 | .30 | 70 | N | <10 | 150 | N | 5 | 150 | 700 |
| 0636 | 125,580 | 40,520 | 5.0 | .20 | <.05 | .20 | 50 | N | <10 | 150 | N | N | 30 | 700 |
| 0637 | 125,120 | 40,585 | 10.0 | .70 | <.05 | .70 | 1,500 | N | <10 | 150 | N | 7 | 700 | 1,000 |
| 0638 | 125,080 | 40,565 | 7.0 | .70 | <.05 | .50 | 2,000 | N | <10 | 70 | N | 20 | 500 | 500 |
| 0639 | 125,020 | 40,540 | 7.0 | .70 | <.05 | .30 | 3,000 | N | <10 | 150 | N | 20 | 700 | 700 |
| 0640 | 124,990 | 40,515 | 7.0 | .70 | <.05 | .70 | 1,500 | .5 | <10 | 200 | N | 5 | 500 | 1,000 |
| 0641 | 124,930 | 40,480 | 10.0 | .70 | <.05 | .70 | >5,000 | .5 | <10 | 200 | N | 20 | 1,500 | 1,500 |
| 0642 | 124,880 | 40,480 | 7.0 | .70 | .70 | .50 | 2,000 | N | <10 | 300 | N | 30 | 150 | 300 |
| 0643 | 124,820 | 40,500 | 7.0 | .70 | <.05 | .50 | 1,500 | N | <10 | 500 | N | 20 | 300 | 300 |
| 0644 | 124,800 | 40,500 | 7.0 | 1.00 | <.05 | .30 | 1,000 | N | <10 | 150 | N | 30 | 700 | 300 |
| 0645 | 124,740 | 40,515 | 7.0 | 1.50 | 1.00 | .70 | >5,000 | 1.0 | 20 | 500 | N | 50 | 1,000 | 700 |
| 0646 | 124,710 | 40,520 | 7.0 | .70 | <.05 | .50 | 3,000 | 1.5 | <10 | 500 | N | 10 | 700 | 700 |
| 0647 | 124,670 | 40,525 | 10.0 | .70 | <.05 | .70 | 1,500 | N | 20 | 300 | N | 20 | 1,500 | 700 |
| 0648 | 124,630 | 40,530 | 7.0 | .70 | <.05 | .70 | 700 | N | <10 | 200 | N | 5 | 700 | 700 |
| 0649 | 125,570 | 40,570 | 7.0 | .70 | <.05 | .50 | 70 | N | <10 | 150 | N | N | 500 | 1,000 |
| 0650 | 125,530 | 40,615 | 7.0 | .50 | <.05 | .50 | 50 | N | <10 | 200 | N | N | 700 | 1,000 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0606 | N | 10 | <10 | 30 | N | N | 70 | 20 | 300 | 150 | .05 | 1.1 | 320 | 180 | 17 | 7.0 |
| 0607 | 5 | 7 | 10 | 20 | N | N | 70 | 30 | 300 | 100 | .05 | 2.9 | 470 | 100 | 16 | 5.2 |
| 0608 | N | 15 | 10 | 30 | N | 200 | 300 | 30 | N | 100 | .27 | 1.8 | 54 | 170 | 21 | 6.5 |
| 0609 | N | <5 | 10 | 20 | N | N | 100 | N | N | 100 | .02 | 1.1 | 21 | 450 | 19 | 5.5 |
| 0610 | <5 | 5 | 10 | 20 | N | N | 150 | 20 | <200 | 200 | .06 | 1.4 | 180 | 190 | 31 | 6.0 |
| 0611 | <5 | <5 | 10 | 10 | N | N | 100 | N | N | 70 | .02 | 1.0 | 9 | 310 | 9 | 5.7 |
| 0612 | 10 | <5 | <10 | 10 | N | N | 100 | 20 | N | 150 | .03 | .7 | 4 | 390 | 10 | 6.2 |
| 0613 | N | 10 | 10 | 30 | N | N | 150 | N | N | 70 | .02 | 1.4 | 43 | 150 | 17 | 6.0 |
| 0614 | 5 | <5 | 15 | 15 | N | N | 150 | N | N | 200 | .03 | .8 | 13 | 15 | 12 | 5.7 |
| 0615 | 5 | <5 | <10 | 15 | N | N | 100 | <10 | 200 | 70 | <.02 | .5 | 15 | 180 | 8 | 4.7 |
| 0616 | <5 | 150 | <10 | 30 | N | 100 | 300 | 30 | N | 70 | <.02 | 1.3 | 170 | 490 | 12 | 6.2 |
| 0617 | 5 | 50 | <10 | 30 | N | N | 200 | 30 | N | 70 | <.02 | 1.3 | 32 | 1,200 | 11 | 5.0 |
| 0618 | N | 20 | <10 | 30 | N | 200 | 300 | 30 | N | 70 | .02 | .9 | 31 | 760 | 10 | 6.5 |
| 0619 | N | 30 | <10 | 30 | N | N | 150 | 20 | N | 50 | <.02 | .6 | 13 | 310 | 10 | 6.0 |
| 0620 | <5 | 50 | <10 | 30 | N | N | 150 | 20 | N | 70 | <.02 | 1.3 | 87 | 750 | 13 | 5.5 |
| 0621 | N | 100 | 10 | 30 | N | N | 300 | 30 | N | 70 | <.02 | 1.1 | 89 | 580 | 12 | 5.7 |
| 0622 | <5 | 100 | 10 | 30 | N | N | 200 | 20 | N | 100 | .03 | 1.4 | 100 | 1,300 | 14 | 6.0 |
| 0623 | N | 30 | 15 | 30 | N | N | 200 | 10 | N | 70 | .21 | 1.4 | 35 | 720 | 13 | 5.5 |
| 0624 | N | 30 | 10 | 30 | N | N | 200 | 10 | N | 100 | .02 | .9 | 12 | 530 | 15 | 5.2 |
| 0625 | N | 70 | 20 | 30 | N | N | 200 | 15 | <200 | 70 | <.02 | 1.8 | 100 | 810 | 18 | 5.7 |
| 0626 | N | 150 | 15 | 30 | N | N | 300 | 30 | 300 | 70 | .03 | 2.3 | 180 | 1,200 | 15 | 6.2 |
| 0627 | N | 30 | 10 | 30 | N | N | 150 | 10 | N | 70 | .04 | 1.8 | 34 | 580 | 14 | 5.7 |
| 0628 | N | 70 | 20 | 30 | N | N | 200 | 20 | <200 | 70 | .02 | 2.3 | 55 | 690 | 16 | 5.2 |
| 0629 | <5 | 70 | 15 | 30 | N | N | 200 | 20 | N | 100 | .05 | 2.0 | 18 | 920 | 13 | 5.2 |
| 0630 | <5 | 150 | 10 | 30 | N | N | 200 | 15 | N | 70 | .03 | 1.1 | 32 | 1,000 | 14 | 5.5 |
| 0631 | <10 | 150 | 10 | 30 | N | N | 300 | 15 | N | 100 | .03 | 1.4 | 120 | 1,200 | 16 | 5.2 |
| 0632 | 20 | 30 | <10 | 20 | N | N | 150 | 15 | N | 70 | <.02 | .9 | 6 | 590 | 9 | 5.2 |
| 0633 | 5 | 30 | <10 | 15 | N | N | 150 | 10 | N | 100 | <.02 | .8 | 13 | 430 | 13 | 5.2 |
| 0634 | <5 | 100 | 10 | 30 | N | N | 200 | 15 | N | 70 | .02 | .9 | 21 | 930 | 12 | 5.0 |
| 0635 | 10 | 20 | <10 | 15 | N | N | 150 | 15 | N | 100 | .04 | .7 | 4 | 540 | 10 | 5.2 |
| 0636 | 15 | <5 | 15 | 15 | N | N | 100 | 20 | N | 50 | .09 | 1.9 | 6 | 460 | 11 | 4.7 |
| 0637 | <5 | 100 | 20 | 50 | N | N | 300 | 15 | N | 100 | .06 | 1.5 | 60 | 360 | 20 | 5.2 |
| 0638 | N | 100 | 10 | 30 | N | N | 200 | 15 | 300 | 70 | <.02 | .9 | 170 | 330 | 22 | 6.2 |
| 0639 | N | 100 | 20 | 30 | N | N | 200 | 15 | 700 | 70 | .05 | 1.2 | 230 | 550 | 43 | 5.5 |
| 0640 | <5 | 50 | 15 | 30 | N | N | 300 | 30 | 500 | 150 | .02 | 1.3 | 150 | 470 | 21 | 5.2 |
| 0641 | <5 | 150 | 20 | 50 | N | N | 300 | 15 | 700 | 100 | .05 | 1.3 | 210 | 630 | 31 | 5.5 |
| 0642 | N | 70 | 20 | 30 | N | N | 200 | 20 | 300 | 70 | <.02 | 1.8 | 240 | 170 | 27 | 5.7 |
| 0643 | N | 70 | 30 | 30 | N | N | 300 | 20 | 1,000 | 150 | <.02 | 1.5 | 350 | 270 | 44 | 5.7 |
| 0644 | <5 | 300 | 70 | 30 | N | N | 200 | 10 | 300 | 70 | .02 | 1.6 | 280 | 310 | 86 | 5.7 |
| 0645 | N | 300 | 150 | 70 | N | N | 300 | 70 | 1,000 | 100 | .03 | 2.9 | 460 | 400 | 82 | 5.7 |
| 0646 | N | 150 | 150 | 30 | N | N | 200 | 30 | 300 | 100 | .05 | 1.5 | 300 | 590 | 189 | 5.0 |
| 0647 | <5 | 150 | 150 | 50 | N | N | 300 | 10 | 300 | 100 | .02 | 1.8 | 130 | 400 | 171 | 5.2 |
| 0648 | <5 | 150 | 30 | 30 | N | N | 300 | 20 | 200 | 150 | .02 | 1.5 | 120 | 460 | 47 | 5.2 |
| 0649 | 7 | 10 | <10 | 30 | N | N | 200 | 15 | N | 100 | .07 | 1.3 | 6 | 670 | 13 | 5.2 |
| 0650 | 20 | 50 | 10 | 30 | N | N | 300 | 15 | N | 70 | .07 | 1.6 | 5 | 890 | 12 | 5.0 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0651 | 125,500 | 40,650 | 7.0 | .70 | <.05 | .50 | 50 | N | <10 | 150 | N | N | 700 | 700 |
| 0652 | 125,440 | 40,700 | 5.0 | .10 | <.05 | .30 | 30 | 1.5 | <10 | 300 | N | N | 20 | 300 |
| 0653 | 125,420 | 40,725 | 3.0 | .20 | <.05 | .30 | 30 | N | 10 | 300 | N | N | 20 | 150 |
| 0654 | 125,370 | 40,770 | 7.0 | .30 | <.05 | .30 | 30 | N | 10 | 300 | N | N | 70 | 300 |
| 0655 | 125,320 | 40,810 | 3.0 | .02 | <.05 | .50 | 20 | N | <10 | 200 | N | N | 50 | 150 |
| 0656 | 125,300 | 40,840 | 3.0 | .30 | <.05 | .30 | 30 | N | <10 | 300 | N | N | 20 | 300 |
| 0657 | 125,260 | 40,870 | 5.0 | .70 | 1.50 | .30 | 700 | .5 | <10 | 500 | N | N | N | 700 |
| 0658 | 125,240 | 40,910 | 5.0 | .70 | 1.50 | .30 | 1,000 | N | <10 | 500 | N | N | N | 200 |
| 0659 | 125,500 | 41,050 | 3.0 | .70 | 1.50 | .30 | 1,500 | N | 15 | 500 | N | N | N | 150 |
| 0660 | 125,530 | 41,030 | 3.0 | .70 | 1.50 | .30 | 1,500 | .5 | <10 | 300 | N | N | N | 1,000 |
| 0661 | 125,570 | 41,015 | 2.0 | .70 | 1.50 | .30 | 2,000 | N | <10 | 300 | N | N | N | 150 |
| 0662 | 125,620 | 41,020 | 3.0 | .70 | 1.50 | .30 | 1,500 | N | <10 | 300 | N | N | N | 150 |
| 0663 | 125,660 | 40,985 | 3.0 | .70 | 1.50 | .30 | 1,500 | N | <10 | 500 | N | N | N | 150 |
| 0664 | 125,700 | 40,930 | 3.0 | .70 | 1.50 | .30 | 1,500 | N | <10 | 200 | N | N | N | 150 |
| 0665 | 125,720 | 40,895 | 5.0 | .70 | .10 | .30 | 300 | N | <10 | 300 | N | 5 | 20 | 300 |
| 0666 | 125,730 | 40,850 | 7.0 | 1.50 | .10 | .30 | 1,500 | .5 | <10 | 200 | N | 30 | 200 | 7,000 |
| 0667 | 125,740 | 40,815 | 3.0 | .70 | <.05 | .30 | 1,500 | .5 | <10 | 150 | N | 15 | 150 | 1,500 |
| 0668 | 125,790 | 40,770 | 7.0 | 1.50 | 1.00 | .30 | 1,500 | .5 | <10 | 100 | N | 20 | 1,500 | 1,500 |
| 0669 | 125,850 | 40,745 | 3.0 | .70 | .20 | .30 | 1,000 | .7 | <10 | 150 | N | 15 | 70 | 2,000 |
| 0670 | 125,900 | 40,725 | 3.0 | .20 | <.05 | .20 | 150 | .7 | <10 | 150 | N | N | 20 | 700 |
| 0671 | 125,940 | 40,710 | 3.0 | .20 | <.05 | .20 | 150 | N | <10 | 150 | N | N | 20 | 1,000 |
| 1338 | 126,320 | 39,210 | 3.0 | .70 | .05 | .20 | 15 | N | <10 | 100 | N | N | 50 | 100 |
| 1339 | 126,300 | 39,170 | 2.0 | .03 | <.05 | .20 | 15 | N | <10 | 100 | N | N | 70 | 700 |
| 1340 | 126,250 | 39,140 | 5.0 | .03 | <.05 | .50 | 20 | N | <10 | 70 | N | N | 70 | 500 |
| 1341 | 126,250 | 39,090 | 7.0 | .03 | <.05 | .30 | 20 | N | <10 | 70 | N | N | 50 | 700 |
| 1342 | 126,160 | 39,100 | 7.0 | .70 | .10 | .30 | 70 | N | <10 | 100 | N | N | 70 | 1,500 |
| 1343 | 126,130 | 39,050 | 3.0 | .30 | .10 | .30 | 50 | N | <10 | 150 | N | N | 70 | 700 |
| 1344 | 126,120 | 39,000 | 2.0 | .20 | .05 | .30 | 15 | N | <10 | 150 | N | N | 70 | 300 |
| 1345 | 125,910 | 39,240 | 7.0 | .05 | <.05 | .50 | 20 | N | <10 | 100 | N | N | 70 | 700 |
| 1346 | 125,960 | 39,260 | 7.0 | .30 | <.05 | .50 | 20 | N | <10 | 150 | N | N | 70 | 700 |
| 1347 | 126,000 | 39,270 | 7.0 | .20 | <.05 | .70 | 100 | N | <10 | 150 | N | N | 70 | 300 |
| 1348 | 126,070 | 39,300 | 3.0 | .10 | <.05 | .30 | 30 | N | <10 | 150 | N | N | 70 | 500 |
| 1349 | 126,120 | 39,320 | 7.0 | .50 | <.05 | .70 | 70 | N | <10 | 150 | N | N | 50 | 700 |
| 1350 | 125,900 | 39,450 | 7.0 | .70 | <.05 | .70 | 150 | N | <10 | 150 | N | N | 150 | 1,000 |
| 1351 | 125,870 | 39,410 | 5.0 | .20 | <.05 | .30 | 30 | N | <10 | 150 | N | N | 70 | 500 |
| 1352 | 125,840 | 39,360 | 5.0 | .20 | <.05 | .30 | 50 | N | <10 | 150 | N | N | 70 | 500 |
| 1353 | 125,800 | 39,330 | 7.0 | .10 | <.05 | .20 | 30 | N | <10 | 150 | N | N | 50 | 700 |
| 1354 | 125,760 | 39,280 | 7.0 | .70 | .05 | .50 | 30 | N | <10 | 200 | N | N | 70 | 700 |
| 1355 | 125,440 | 39,490 | 7.0 | .30 | .07 | .50 | 700 | .5 | <10 | 150 | N | 10 | 70 | 200 |
| 1356 | 125,500 | 39,470 | 7.0 | .07 | <.05 | .50 | 150 | N | <10 | 150 | N | N | 150 | 200 |
| 1357 | 125,560 | 39,440 | 7.0 | .10 | <.05 | .50 | 50 | N | <10 | 500 | N | N | 150 | 150 |
| 1358 | 125,620 | 39,440 | 3.0 | .10 | <.05 | .50 | 50 | N | <10 | 200 | N | N | 70 | 150 |
| 1359 | 125,660 | 39,430 | 3.0 | .02 | <.05 | .20 | 300 | N | <10 | 200 | N | N | 50 | 300 |
| 1360 | 125,570 | 39,770 | 3.0 | .70 | 1.00 | .30 | 700 | N | <10 | 200 | N | 10 | N | 150 |
| 1361 | 125,620 | 39,780 | 5.0 | .70 | <.05 | .30 | 700 | N | <10 | 300 | N | 15 | 20 | 150 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0651 | 20 | 30 | 10 | 30 | N | N | 200 | 15 | N | 70 | .13 | 1.4 | 8 | 530 | 13 | 5.7 |
| 0652 | 300 | <5 | 10 | 15 | N | N | 150 | 30 | N | 150 | .10 | .9 | 2 | 220 | 8 | 5.0 |
| 0653 | 50 | <5 | <10 | 15 | N | N | 150 | <10 | N | 100 | .12 | .7 | 1 | 160 | 5 | 5.0 |
| 0654 | 70 | <5 | <10 | 20 | N | N | 150 | 10 | N | 150 | .13 | .7 | 1 | 240 | 8 | 4.7 |
| 0655 | 70 | <5 | <10 | 10 | N | N | 100 | 10 | N | 150 | .14 | .1 | <1 | 230 | 5 | 5.0 |
| 0656 | 300 | <5 | <10 | 15 | N | N | 150 | 10 | N | 100 | .07 | .1 | 2 | 350 | 8 | 4.5 |
| 0657 | 5 | <5 | 10 | 15 | N | 300 | 100 | 20 | N | 70 | <.02 | .9 | 36 | 620 | 8 | 6.7 |
| 0658 | N | <5 | <10 | 20 | N | 200 | 150 | 30 | N | 70 | .07 | .7 | 42 | 160 | 7 | 6.0 |
| 0659 | N | <5 | 10 | 15 | N | 200 | 100 | 30 | N | 200 | <.02 | .6 | 78 | 110 | 11 | 6.5 |
| 0660 | N | <5 | 10 | 15 | N | 300 | 150 | 15 | N | 70 | <.02 | .5 | 40 | 630 | 9 | 6.5 |
| 0661 | N | <5 | 20 | 15 | N | 200 | 100 | 30 | 300 | 70 | <.02 | 2.8 | 240 | 95 | 13 | 6.5 |
| 0662 | N | <5 | 20 | 15 | N | 200 | 100 | 20 | 500 | 70 | <.02 | 1.6 | 450 | 90 | 20 | 6.5 |
| 0663 | N | <5 | 10 | 15 | N | 200 | 100 | 20 | 200 | 200 | <.02 | 1.1 | 260 | 94 | 12 | 6.5 |
| 0664 | N | <5 | <10 | 15 | N | 200 | 100 | 20 | N | 100 | <.02 | .5 | 77 | 220 | 12 | 6.5 |
| 0665 | 10 | <5 | 10 | 15 | N | N | 150 | N | N | 70 | .10 | .5 | 51 | 250 | 10 | 6.5 |
| 0666 | <5 | 100 | 10 | 30 | N | N | 200 | 20 | N | 30 | .10 | .6 | 130 | 5,700 | 16 | 5.5 |
| 0667 | 10 | 100 | 10 | 30 | N | N | 150 | 15 | N | 70 | .05 | .6 | 52 | 1,800 | 13 | 5.2 |
| 0668 | 5 | 500 | <10 | 30 | N | N | 200 | 30 | N | 50 | .09 | .6 | 78 | 1,900 | 12 | 5.5 |
| 0669 | <5 | 70 | 10 | 15 | N | N | 150 | 10 | N | 70 | .07 | 1.3 | 64 | 2,700 | 12 | 5.2 |
| 0670 | 7 | <5 | 10 | 10 | N | N | 100 | N | N | 70 | <.02 | 1.3 | 7 | 460 | 7 | 5.2 |
| 0671 | 15 | <5 | <10 | 10 | N | N | 70 | N | N | 70 | <.02 | .4 | 19 | 1,500 | 7 | 5.2 |
| 1338 | 20 | <5 | N | 5 | N | N | 150 | 20 | N | 150 | .03 | -- | 2 | 59 | 6 | -- |
| 1339 | <5 | 5 | <10 | 15 | N | N | 150 | N | N | 150 | .19 | -- | 2 | 370 | 5 | -- |
| 1340 | 15 | <5 | N | 15 | N | N | 300 | 10 | N | 300 | .37 | -- | 2 | 260 | 7 | -- |
| 1341 | N | <5 | N | 15 | N | N | 200 | 10 | N | 150 | .19 | -- | 11 | 1,800 | 5 | -- |
| 1342 | 15 | 7 | N | 15 | N | N | 200 | 20 | N | 150 | .09 | -- | 10 | 1,800 | 6 | -- |
| 1343 | 30 | N | N | 15 | N | N | 150 | 10 | N | 200 | .02 | -- | 4 | 700 | 4 | -- |
| 1344 | 15 | N | N | 15 | N | N | 150 | 15 | N | 150 | <.02 | -- | <1 | 190 | 7 | -- |
| 1345 | 15 | N | N | 15 | N | N | 200 | N | N | 300 | .08 | -- | 1 | 410 | 9 | -- |
| 1346 | 30 | <5 | <10 | 15 | 10 | N | 300 | 20 | N | 300 | .04 | -- | 1 | 340 | 6 | -- |
| 1347 | 30 | 5 | <10 | 20 | N | N | 300 | 20 | N | 500 | .15 | -- | 6 | 220 | 9 | -- |
| 1348 | 10 | <5 | <10 | 15 | N | N | 150 | 20 | N | 200 | .07 | -- | 4 | 330 | 8 | -- |
| 1349 | 15 | 7 | 10 | 20 | N | N | 300 | 10 | N | 300 | .06 | -- | 15 | 380 | 10 | -- |
| 1350 | 10 | 20 | 10 | 30 | N | N | 300 | 10 | N | 300 | .05 | -- | 18 | 640 | 14 | -- |
| 1351 | 10 | N | N | 10 | N | N | 150 | 30 | N | 150 | .18 | -- | 1 | 200 | 4 | -- |
| 1352 | N | N | <10 | 10 | N | N | 150 | N | N | 300 | .22 | -- | 3 | 270 | 6 | -- |
| 1353 | N | 7 | <10 | 10 | N | N | 150 | N | N | 200 | <.02 | -- | 3 | 450 | 5 | -- |
| 1354 | 10 | <5 | 30 | 20 | <10 | N | 300 | 30 | N | 200 | <.02 | -- | 6 | 400 | 36 | -- |
| 1355 | N | 5 | 15 | 20 | N | N | 300 | 15 | N | 200 | <.02 | -- | 54 | 120 | 15 | -- |
| 1356 | N | 30 | 15 | 30 | N | N | 300 | 15 | N | 200 | <.02 | -- | 11 | 170 | 17 | -- |
| 1357 | 5 | 7 | 15 | 30 | <10 | N | 300 | 20 | N | 200 | <.02 | -- | 3 | 160 | 9 | -- |
| 1358 | 7 | <5 | 10 | 15 | <10 | N | 150 | 20 | N | 300 | <.02 | -- | 6 | 110 | 14 | -- |
| 1359 | N | 15 | 10 | 15 | N | N | 150 | 30 | N | 300 | <.02 | -- | 23 | 260 | 14 | -- |
| 1360 | N | <5 | N | 15 | N | 200 | 150 | 10 | N | 150 | <.02 | -- | 38 | 130 | 6 | -- |
| 1361 | N | 30 | N | 15 | N | N | 150 | 30 | N | 200 | <.02 | -- | 26 | 80 | 4 | -- |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1362 | 125,680 | 39,790 | 3.0 | .70 | 1.00 | .20 | 700 | N | <10 | 700 | N | 10 | 20 | 200 |
| 1363 | 125,740 | 39,810 | 5.0 | 1.00 | .05 | .30 | 500 | N | <10 | 1,000 | N | 10 | 20 | 150 |
| 1364 | 125,790 | 39,840 | 7.0 | .70 | <.05 | .30 | 1,500 | .5 | <10 | 1,000 | N | 30 | 300 | 500 |
| 1365 | 125,820 | 39,870 | 7.0 | 3.00 | 1.00 | .50 | 1,500 | .5 | <10 | 700 | N | 30 | 1,500 | 500 |
| 1366 | 125,870 | 39,910 | 7.0 | 3.00 | 1.00 | .30 | 700 | N | <10 | 700 | N | 100 | 1,500 | 500 |
| 1367 | 125,930 | 39,690 | 7.0 | 1.00 | 1.00 | .50 | 1,500 | N | <10 | 700 | N | 15 | 150 | 500 |
| 1368 | 125,950 | 39,640 | 3.0 | .70 | .20 | .20 | 500 | N | <10 | 700 | N | 20 | 150 | 300 |
| 1369 | 125,970 | 39,600 | 3.0 | .70 | 1.00 | .20 | 700 | N | <10 | 700 | N | 10 | 20 | 100 |
| 1370 | 125,990 | 39,560 | 2.0 | .70 | <.05 | .30 | 100 | N | <10 | 150 | N | N | 30 | 150 |
| 1371 | 126,010 | 39,510 | 1.5 | .70 | <.05 | .30 | 70 | .5 | <10 | 150 | N | N | 30 | 1,500 |
| 1372 | 126,330 | 39,260 | 1.5 | .02 | .05 | .30 | 15 | N | <10 | 150 | N | N | 70 | 200 |
| 1373 | 126,350 | 39,300 | 1.5 | .02 | .05 | .30 | 15 | N | <10 | 150 | N | N | 70 | 150 |
| 1374 | 126,360 | 39,350 | 1.5 | .02 | <.05 | .20 | 15 | N | <10 | 70 | N | N | 70 | 300 |
| 1375 | 126,380 | 39,400 | 1.5 | 1.00 | 2.00 | .30 | 1,000 | N | <10 | 300 | N | 15 | 70 | 200 |
| 1376 | 126,400 | 39,450 | 7.0 | 5.00 | 3.00 | .30 | 1,500 | N | <10 | 1,500 | N | 100 | 3,000 | 150 |
| 1377 | 126,420 | 39,500 | 7.0 | 5.00 | 3.00 | .30 | 1,500 | N | <10 | 200 | N | 100 | 3,000 | 300 |
| 1378 | 126,440 | 39,560 | 7.0 | .70 | .05 | .30 | 300 | N | <10 | 200 | N | 10 | 300 | 300 |
| 1379 | 126,470 | 39,610 | 7.0 | 1.00 | 1.00 | .50 | 700 | .5 | <10 | 1,000 | N | 50 | 1,000 | 1,500 |
| 1432 | 125,720 | 38,540 | 5.0 | .70 | .50 | .15 | 700 | N | <10 | 150 | N | 15 | 15 | 50 |
| 1433 | 125,830 | 38,570 | 5.0 | .10 | <.05 | .15 | 150 | N | 10 | 150 | N | 5 | 15 | 50 |
| 1434 | 125,900 | 38,520 | 5.0 | .70 | 1.50 | .15 | 500 | N | 15 | 150 | N | 15 | 20 | 20 |
| 1435 | 125,980 | 38,450 | 7.0 | .20 | .05 | .15 | 500 | N | 10 | 100 | N | 10 | 30 | 50 |
| 1436 | 126,050 | 38,380 | 3.0 | .70 | 1.00 | .15 | 700 | N | 10 | 70 | N | 15 | 15 | 30 |
| 1437 | 126,120 | 38,320 | 5.0 | .20 | <.05 | .15 | 150 | N | 15 | 100 | N | N | 15 | 30 |
| 1438 | 126,120 | 38,210 | 3.0 | .10 | <.05 | .10 | 100 | N | <10 | 100 | N | N | 10 | 30 |
| 1439 | 126,210 | 38,560 | 3.0 | .20 | .10 | .10 | 300 | N | <10 | 70 | N | 15 | 10 | 30 |
| 1440 | 126,230 | 38,480 | 3.0 | .20 | <.05 | .15 | 200 | N | 15 | 150 | N | 7 | N | 30 |
| 1441 | 126,290 | 38,400 | 3.0 | .30 | <.05 | .15 | 700 | N | 10 | 150 | N | 15 | 20 | 30 |
| 1442 | 126,340 | 38,300 | 7.0 | .70 | <.05 | .15 | 1,000 | N | 15 | 200 | N | 15 | 20 | 50 |
| 1443 | 126,350 | 38,200 | 3.0 | .20 | <.05 | .10 | 150 | N | 10 | 70 | N | N | 20 | 30 |
| 1444 | 126,330 | 38,120 | 7.0 | .70 | 1.00 | .15 | 500 | N | 10 | 150 | N | 30 | 30 | 50 |
| 1445 | 126,640 | 38,270 | 3.0 | .70 | .20 | .15 | 700 | N | 10 | 50 | N | 15 | 30 | 100 |
| 1446 | 126,600 | 38,170 | 3.0 | .70 | <.05 | .15 | 700 | N | 20 | 100 | N | 10 | <10 | 70 |
| 1447 | 126,650 | 38,090 | 3.0 | .30 | <.05 | .15 | 500 | N | 15 | 150 | N | 10 | 10 | 50 |
| 1448 | 126,670 | 38,010 | 3.0 | .15 | <.05 | .15 | 150 | N | 15 | 70 | N | 5 | 10 | 50 |
| 1449 | 126,680 | 37,930 | 3.0 | .30 | <.05 | .15 | 150 | N | 10 | 30 | N | 5 | 30 | 50 |
| 1450 | 126,810 | 37,880 | 3.0 | .10 | <.05 | .15 | 150 | N | 10 | 150 | N | 5 | 20 | 50 |
| 1451 | 126,870 | 37,960 | 5.0 | .70 | 1.00 | .15 | 700 | N | 15 | 200 | N | 5 | 15 | 50 |
| 1452 | 126,960 | 38,010 | 3.0 | .15 | <.05 | .15 | 200 | N | 10 | 100 | N | 5 | 15 | 20 |
| 1453 | 127,020 | 38,090 | 3.0 | .10 | <.05 | .15 | 50 | N | <10 | 30 | N | 5 | 10 | 30 |
| 1454 | 127,030 | 38,190 | 3.0 | .15 | <.05 | .15 | 100 | N | 10 | 70 | N | 5 | 10 | 50 |
| 1455 | 127,170 | 38,130 | 3.0 | .20 | <.05 | .15 | 150 | N | 10 | 50 | N | 10 | 10 | 150 |
| 1456 | 127,240 | 38,090 | 3.0 | .30 | <.05 | .15 | 100 | N | 10 | 30 | N | 10 | 15 | 700 |
| 1457 | 127,270 | 37,990 | 5.0 | .70 | .50 | .15 | 700 | N | 10 | 30 | N | 15 | 70 | 200 |
| 1458 | 127,300 | 37,860 | 3.0 | .15 | .05 | .15 | 700 | N | 10 | 150 | N | 15 | 10 | 30 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1362 | N | 10 | N | 15 | N | 200 | 150 | 15 | N | 300 | <.02 | -- | 45 | 190 | 6 | -- |
| 1363 | <5 | 10 | <10 | 15 | N | N | 150 | 30 | N | 200 | <.02 | -- | 41 | 61 | 7 | -- |
| 1364 | <5 | 150 | <10 | 30 | N | N | 150 | 30 | <200 | 200 | <.02 | -- | 100 | 310 | 8 | -- |
| 1365 | <5 | 700 | <10 | 30 | N | N | 300 | 50 | 300 | 70 | <.02 | -- | 94 | 250 | 10 | -- |
| 1366 | 5 | 1,000 | <10 | 30 | N | N | 300 | 30 | <200 | 50 | <.02 | -- | 68 | 310 | 8 | -- |
| 1367 | N | 30 | N | 30 | N | N | 150 | 30 | <200 | 150 | <.02 | -- | 100 | 340 | 8 | -- |
| 1368 | N | 30 | <10 | 30 | N | N | 150 | 30 | <200 | 300 | <.02 | -- | 95 | 200 | 5 | -- |
| 1369 | N | <5 | <10 | 15 | N | N | 150 | 30 | N | 150 | <.02 | -- | 51 | 35 | 5 | -- |
| 1370 | 5 | <5 | <10 | 15 | N | N | 150 | 30 | N | 200 | <.02 | -- | 22 | 100 | 8 | -- |
| 1371 | 5 | 10 | N | 15 | N | N | 150 | 15 | N | 200 | <.02 | -- | 25 | 950 | 7 | -- |
| 1372 | 15 | 5 | 15 | 15 | <10 | N | 200 | 20 | N | 200 | .06 | -- | <1 | 130 | 2 | -- |
| 1373 | 15 | 5 | N | 15 | <10 | N | 200 | 20 | N | 150 | <.02 | -- | <1 | 46 | <1 | -- |
| 1374 | 15 | <5 | N | 20 | <10 | N | 100 | 10 | N | 200 | <.02 | -- | <1 | 310 | 2 | -- |
| 1375 | N | 30 | N | 20 | N | 300 | 100 | 30 | N | 300 | <.02 | -- | 28 | 110 | 2 | -- |
| 1376 | N | 700 | N | 50 | N | 200 | 500 | 30 | <200 | 50 | <.02 | -- | 53 | 46 | 10 | -- |
| 1377 | N | 700 | N | 50 | N | N | 300 | 15 | 1,000 | 10 | <.02 | -- | 290 | 160 | 7 | -- |
| 1378 | <5 | 50 | 15 | 20 | N | N | 200 | 15 | N | 200 | <.02 | -- | 17 | 150 | 12 | -- |
| 1379 | <5 | 300 | 10 | 50 | N | N | 300 | 50 | 200 | 100 | <.02 | -- | 140 | 700 | 11 | -- |
| 1432 | N | 15 | <10 | 10 | N | N | 100 | N | 200 | 70 | <.05 | -- | 190 | 67 | 11 | 5.2 |
| 1433 | N | 10 | 15 | 7 | N | N | 100 | N | 200 | 70 | <.05 | -- | 120 | 50 | 28 | 5.0 |
| 1434 | N | 10 | 10 | 10 | N | N | 100 | 15 | N | 100 | <.05 | -- | 180 | 18 | 8 | 5.7 |
| 1435 | N | 15 | 15 | 15 | N | N | 100 | 10 | 200 | 100 | <.05 | -- | 130 | 34 | 23 | 5.5 |
| 1436 | N | 15 | 10 | 15 | N | N | 100 | 20 | 300 | 50 | <.05 | -- | 650 | 39 | 12 | 5.7 |
| 1437 | N | 7 | 15 | 7 | N | N | 150 | N | N | 100 | <.05 | -- | 45 | 26 | 10 | 5.7 |
| 1438 | N | 7 | 10 | 5 | N | N | 100 | N | N | 50 | <.05 | -- | 62 | 36 | 8 | 5.7 |
| 1439 | N | 10 | 10 | 5 | N | N | 100 | 10 | N | 70 | <.05 | -- | 81 | 37 | 10 | 5.7 |
| 1440 | N | <5 | 10 | 5 | N | N | 100 | 30 | N | 70 | <.05 | -- | 36 | 51 | 6 | 5.0 |
| 1441 | N | 15 | 15 | 10 | N | N | 100 | N | N | 100 | <.05 | -- | 85 | 44 | 20 | 5.7 |
| 1442 | N | 5 | 15 | 15 | N | N | 150 | 30 | N | 150 | <.05 | -- | 96 | 35 | 12 | 6.0 |
| 1443 | N | 15 | 15 | 7 | N | N | 100 | N | N | 50 | <.05 | -- | 37 | 26 | 21 | 5.5 |
| 1444 | N | 20 | 10 | 30 | N | N | 150 | 30 | N | 70 | <.05 | -- | 150 | 56 | 19 | 5.7 |
| 1445 | N | 15 | 10 | 15 | N | N | 100 | 10 | N | 30 | <.05 | -- | 150 | 170 | 22 | 5.2 |
| 1446 | N | 5 | 15 | 10 | N | N | 100 | 10 | 1,500 | 100 | <.05 | -- | 1,000 | 56 | 19 | 5.5 |
| 1447 | N | 5 | 10 | 10 | N | N | 100 | 15 | <200 | 100 | <.05 | -- | 120 | 23 | 11 | 5.7 |
| 1448 | N | 5 | 15 | 10 | N | N | 100 | N | N | 70 | <.05 | -- | 29 | 27 | 16 | 5.5 |
| 1449 | N | 10 | 10 | 10 | N | N | 100 | N | N | 70 | <.05 | -- | 27 | 23 | 11 | 5.0 |
| 1450 | N | 10 | 15 | 10 | N | N | 100 | N | N | 70 | <.05 | -- | 94 | 37 | 12 | 5.5 |
| 1451 | N | 7 | 10 | 15 | N | 200 | 150 | 20 | 200 | 100 | <.05 | -- | 420 | 29 | 8 | 6.0 |
| 1452 | N | 10 | 10 | 5 | N | N | 100 | N | N | 50 | <.05 | -- | 58 | 19 | 15 | 5.5 |
| 1453 | N | 5 | 30 | 5 | N | N | 100 | N | N | 50 | <.05 | -- | 59 | 46 | 44 | 5.2 |
| 1454 | N | 5 | 10 | 7 | N | N | 100 | N | N | 70 | <.05 | -- | 22 | 41 | 13 | 5.5 |
| 1455 | N | 7 | 10 | 10 | N | N | 100 | N | N | 70 | <.05 | -- | 25 | 180 | 12 | 5.5 |
| 1456 | N | 7 | 10 | 10 | N | N | 100 | N | N | 70 | <.05 | -- | 34 | 1,100 | 10 | 5.2 |
| 1457 | N | 20 | 15 | 15 | N | N | 150 | 30 | N | 70 | <.05 | -- | 84 | 150 | 17 | 5.0 |
| 1458 | N | 7 | <10 | 15 | N | N | 100 | N | N | 70 | <.05 | -- | 470 | 84 | 11 | 5.0 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1459 | 127,340 | 37,750 | 5.0 | .15 | <.05 | .15 | 150 | N | 10 | 150 | N | 5 | 10 | 20 |
| 1460 | 127,440 | 37,670 | 3.0 | .15 | <.05 | .15 | 200 | N | 10 | 150 | N | 5 | 10 | 20 |
| 1461 | 127,760 | 37,660 | 3.0 | .15 | .05 | .15 | 150 | N | 10 | 100 | N | 5 | 30 | 70 |
| 1462 | 127,870 | 37,810 | 3.0 | .15 | .05 | .15 | 70 | N | 10 | 70 | N | 5 | 10 | 50 |
| 1463 | 127,890 | 37,940 | 3.0 | .10 | .07 | .15 | 100 | N | 15 | 70 | N | 5 | 10 | 50 |
| 1464 | 127,850 | 38,140 | 3.0 | .10 | .05 | .15 | 150 | N | 15 | 70 | N | 5 | 10 | 70 |
| 1465 | 127,810 | 38,620 | 3.0 | .10 | <.05 | .15 | 300 | N | 10 | 30 | N | 5 | 15 | 50 |
| 1466 | 127,740 | 38,540 | 3.0 | .10 | <.05 | .15 | 200 | N | 10 | 70 | N | 5 | 15 | 100 |
| 1467 | 127,700 | 38,430 | 3.0 | .07 | .05 | .15 | 100 | N | 15 | 70 | N | 5 | 15 | 70 |
| 1468 | 127,670 | 38,330 | 3.0 | .07 | <.05 | .15 | 50 | N | 10 | 70 | N | 5 | 15 | 70 |
| 1469 | 127,660 | 38,220 | 3.0 | .10 | .07 | .15 | 50 | N | 15 | 70 | N | 5 | 15 | 50 |
| 1470 | 125,600 | 38,630 | 3.0 | .50 | .05 | .15 | 700 | N | 15 | 150 | N | 15 | 15 | 50 |
| 1471 | 125,600 | 38,520 | 3.0 | .15 | <.05 | .15 | 300 | N | 10 | 50 | N | 10 | 15 | 50 |
| 1472 | 125,620 | 38,400 | 5.0 | .10 | <.05 | .15 | 1,000 | N | 15 | 30 | N | 5 | 30 | 70 |
| 1473 | 125,660 | 38,290 | 5.0 | .10 | <.05 | .15 | 700 | N | 15 | 30 | N | 5 | 20 | 70 |
| 1474 | 125,600 | 38,180 | 5.0 | .10 | <.05 | .15 | 300 | N | 15 | 70 | N | <5 | 30 | 50 |
| 1475 | 125,500 | 38,110 | 3.0 | .20 | <.05 | .20 | 200 | N | 10 | 30 | N | 5 | 15 | 50 |
| 1476 | 125,460 | 39,010 | 7.0 | .50 | .10 | .15 | 1,500 | N | 20 | 150 | N | 15 | 20 | 100 |
| 1477 | 125,420 | 38,910 | 3.0 | .15 | <.05 | .30 | 300 | N | 10 | 150 | N | 7 | 15 | 50 |
| 1478 | 125,340 | 38,870 | 5.0 | .20 | <.05 | .15 | 300 | N | 10 | 150 | N | 10 | 10 | 50 |
| 1479 | 125,280 | 38,770 | 5.0 | .20 | <.05 | .15 | 300 | N | 10 | 150 | N | 10 | 15 | 15 |
| 1480 | 125,240 | 38,690 | 7.0 | .30 | .05 | .20 | 500 | N | 15 | 150 | N | 5 | 20 | 30 |
| 1481 | 125,180 | 38,590 | 7.0 | .50 | .05 | .20 | 300 | N | 10 | 150 | N | 15 | 10 | 30 |
| 1482 | 125,110 | 38,520 | 7.0 | .70 | <.05 | .70 | 1,000 | N | 10 | 150 | N | 20 | 20 | 50 |
| 1483 | 125,040 | 38,440 | 3.0 | .20 | <.05 | .15 | 700 | N | <10 | 50 | N | 10 | 15 | 30 |
| 1484 | 125,050 | 39,320 | 5.0 | .30 | <.05 | .15 | 700 | N | 15 | 150 | N | 15 | 10 | 70 |
| 1485 | 124,980 | 39,220 | 3.0 | .15 | <.05 | .10 | 300 | N | 15 | 150 | N | N | 10 | 30 |
| 1486 | 124,860 | 39,210 | 3.0 | .15 | <.05 | .10 | 300 | N | 10 | 150 | N | 5 | <10 | 70 |
| 1487 | 124,810 | 39,090 | 5.0 | .10 | <.05 | .20 | 200 | N | 10 | 150 | N | N | <10 | 70 |
| 1488 | 124,860 | 38,980 | 3.0 | .15 | <.05 | .15 | 500 | N | 10 | 150 | N | N | 15 | 50 |
| 1489 | 124,840 | 38,840 | 7.0 | .70 | <.05 | .30 | 500 | N | 15 | 150 | N | 15 | 10 | 70 |
| 1490 | 124,760 | 38,770 | 7.0 | .70 | <.05 | .20 | 500 | N | 20 | 150 | N | 20 | 10 | 70 |
| 1491 | 124,700 | 39,790 | 3.0 | .10 | <.05 | .15 | 50 | N | 10 | 50 | N | N | 10 | 150 |
| 1492 | 124,680 | 39,690 | 7.0 | .70 | <.05 | .20 | 300 | N | 15 | 150 | N | 15 | 15 | 70 |
| 1493 | 124,560 | 39,720 | 7.0 | .15 | <.05 | .20 | 300 | .5 | 15 | 100 | N | N | <10 | 300 |
| 1494 | 124,510 | 39,620 | 3.0 | .10 | <.05 | .10 | 70 | N | 15 | 70 | N | N | 15 | 70 |
| 1495 | 124,430 | 39,540 | 3.0 | .15 | <.05 | .10 | 300 | N | 10 | 50 | N | N | 30 | 50 |
| 1496 | 124,380 | 39,450 | 7.0 | .30 | <.05 | .20 | 500 | N | 15 | 150 | N | 10 | 15 | 100 |
| 1497 | 124,300 | 39,370 | 3.0 | .20 | <.05 | .15 | 300 | N | 15 | 150 | N | N | 15 | 30 |
| 1498 | 124,520 | 39,040 | 7.0 | .70 | <.05 | .20 | 300 | N | 20 | 150 | N | 20 | 15 | 50 |
| 1499 | 124,580 | 39,140 | 5.0 | .30 | <.05 | .20 | 200 | N | 10 | 150 | N | 5 | 15 | 50 |
| 1500 | 124,630 | 39,230 | 3.0 | .20 | <.05 | .20 | 300 | N | 15 | 150 | N | 5 | 15 | 30 |
| 1501 | 124,660 | 39,340 | 3.0 | .20 | <.05 | .20 | 300 | N | 15 | 150 | N | 5 | 20 | 70 |
| 1502 | 124,720 | 39,420 | 3.0 | .10 | <.05 | .15 | 150 | N | 10 | 150 | N | N | 10 | 70 |
| 1503 | 124,810 | 39,470 | 5.0 | .15 | <.05 | .15 | 70 | N | 15 | 150 | N | N | 20 | 70 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1459 | N | 5 | <10 | 15 | N | N | 100 | N | N | 70 | <.05 | -- | 63 | 19 | 12 | 5.0 |
| 1460 | N | 5 | 10 | 10 | N | N | 100 | N | N | 70 | <.05 | -- | 49 | 27 | 13 | 5.2 |
| 1461 | N | 10 | 15 | 15 | N | N | 100 | N | N | 50 | <.05 | -- | 59 | 81 | 21 | 6.0 |
| 1462 | N | 7 | <10 | 15 | N | N | 100 | N | N | 100 | <.05 | -- | 16 | 49 | 8 | 5.7 |
| 1463 | N | 7 | <10 | 7 | N | N | 100 | N | N | 100 | <.05 | -- | 27 | 33 | 10 | 5.5 |
| 1464 | N | 7 | 10 | 15 | N | N | 100 | N | N | 70 | <.05 | -- | 52 | 100 | 15 | 5.2 |
| 1465 | N | 5 | 15 | 5 | N | N | 100 | N | N | 50 | <.05 | -- | 60 | 49 | 16 | 5.2 |
| 1466 | N | 5 | 15 | 5 | N | N | 100 | N | N | 70 | <.05 | -- | 63 | 120 | 12 | 5.0 |
| 1467 | N | 5 | 15 | 15 | N | N | 100 | N | N | 70 | <.05 | -- | 38 | 110 | 23 | 5.2 |
| 1468 | N | 5 | 15 | 7 | N | N | 100 | N | N | 70 | <.05 | -- | 21 | 100 | 14 | 5.2 |
| 1469 | N | 5 | 20 | 7 | N | N | 100 | N | N | 70 | <.05 | -- | 16 | 67 | 11 | 5.0 |
| 1470 | N | 5 | 10 | 15 | N | N | 100 | 20 | <200 | 70 | <.05 | -- | 200 | 76 | 10 | 6.0 |
| 1471 | N | 5 | 15 | 7 | N | N | 100 | N | <200 | 70 | <.05 | -- | 49 | 42 | 15 | 5.0 |
| 1472 | N | 15 | 30 | 5 | N | N | 150 | N | N | 30 | <.05 | -- | 45 | 54 | 21 | 5.5 |
| 1473 | N | 15 | 30 | 5 | N | N | 100 | N | N | 70 | <.05 | -- | 45 | 43 | 25 | 5.2 |
| 1474 | N | 15 | 15 | 5 | N | N | 100 | N | N | 70 | <.05 | -- | 35 | 34 | 19 | 5.2 |
| 1475 | N | 15 | 15 | 10 | N | N | 100 | N | N | 70 | <.05 | -- | 39 | 35 | 20 | 5.0 |
| 1476 | N | 15 | 30 | 15 | N | N | 150 | N | N | 100 | <.05 | -- | 74 | 95 | 19 | 5.7 |
| 1477 | N | 10 | 10 | 5 | N | N | 100 | N | N | 50 | <.05 | -- | 30 | 24 | 10 | 5.5 |
| 1478 | N | 10 | 10 | 5 | N | N | 100 | N | N | 70 | <.05 | -- | 45 | 42 | 11 | 4.5 |
| 1479 | N | 15 | 15 | 15 | N | N | 100 | N | N | 70 | <.05 | -- | 59 | 12 | 15 | 5.0 |
| 1480 | N | 10 | 15 | 15 | N | N | 150 | N | N | 100 | <.05 | -- | 50 | 23 | 15 | 5.2 |
| 1481 | N | 10 | 15 | 15 | N | N | 150 | 20 | N | 100 | <.05 | -- | 80 | 23 | 14 | 5.2 |
| 1482 | N | 10 | 20 | 20 | N | N | 150 | 15 | N | 100 | <.05 | -- | 58 | 43 | 20 | 5.0 |
| 1483 | N | 7 | 20 | 10 | N | N | 100 | N | N | 50 | <.05 | -- | 39 | 27 | 23 | 5.2 |
| 1484 | N | 10 | 10 | 15 | N | N | 100 | N | N | 70 | <.05 | -- | 100 | 91 | 13 | 6.0 |
| 1485 | N | 5 | <10 | 5 | N | N | 70 | N | N | 50 | <.05 | -- | 42 | 32 | 8 | 4.7 |
| 1486 | N | <5 | 30 | 5 | N | N | 70 | N | N | 70 | <.05 | -- | 61 | 79 | 39 | 5.0 |
| 1487 | N | 5 | 15 | 10 | N | N | 70 | N | N | 70 | <.05 | -- | 37 | 44 | 14 | 5.5 |
| 1488 | N | 10 | 10 | 7 | N | N | 70 | N | N | 70 | <.05 | -- | 35 | 36 | 13 | 5.5 |
| 1489 | N | 15 | 15 | 20 | N | N | 150 | 15 | N | 100 | <.05 | -- | 34 | 35 | 15 | 5.0 |
| 1490 | N | 15 | 10 | 20 | N | N | 150 | 30 | N | 100 | <.05 | -- | 69 | 59 | 12 | 5.5 |
| 1491 | N | 15 | 15 | 10 | N | N | 100 | N | N | 50 | <.05 | -- | 42 | 160 | 16 | 4.5 |
| 1492 | N | 15 | 10 | 15 | N | N | 150 | 10 | N | 100 | <.05 | -- | 32 | 100 | 20 | 5.2 |
| 1493 | N | 15 | 30 | 15 | N | N | 100 | N | 300 | 70 | <.05 | -- | 130 | 180 | 29 | 5.5 |
| 1494 | N | N | 50 | 5 | N | N | 100 | N | <200 | 20 | <.05 | -- | 110 | 86 | 82 | 5.5 |
| 1495 | N | 7 | 70 | 5 | N | N | 70 | N | N | 20 | <.05 | -- | 170 | 69 | 160 | 5.5 |
| 1496 | N | 15 | 70 | 15 | N | N | 150 | 10 | 200 | 50 | <.05 | -- | 120 | 72 | 61 | 5.5 |
| 1497 | N | 5 | 10 | 15 | N | N | 100 | N | N | 150 | <.05 | -- | 37 | 22 | 11 | 5.2 |
| 1498 | N | 10 | <10 | 15 | N | N | 150 | N | N | 150 | <.05 | -- | 83 | 47 | 10 | 5.7 |
| 1499 | N | 10 | 10 | 5 | N | N | 150 | N | N | 70 | <.05 | -- | 39 | 39 | 13 | 5.2 |
| 1500 | N | 10 | 10 | 5 | N | N | 150 | N | N | 70 | <.05 | -- | 31 | 18 | 14 | 5.2 |
| 1501 | N | 10 | 50 | 5 | N | N | 150 | N | 200 | 70 | <.05 | -- | 120 | 54 | 62 | 5.5 |
| 1502 | N | 5 | 30 | 10 | N | N | 70 | N | N | 70 | <.05 | -- | 82 | 130 | 51 | 5.2 |
| 1503 | N | 5 | 50 | 15 | N | N | 150 | N | N | 70 | <.05 | -- | 38 | 85 | 34 | 5.5 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1504 | 124,860 | 39,550 | 3.0 | .10 | <.05 | .15 | 70 | .5 | 10 | 100 | N | 5 | 10 | 150 |
| 1505 | 124,100 | 39,630 | 3.0 | .50 | <.05 | .10 | 50 | N | 15 | 150 | N | 7 | 30 | 50 |
| 1506 | 124,160 | 39,700 | 3.0 | .10 | <.05 | .10 | 70 | N | 10 | 100 | N | 7 | 10 | 150 |
| 1507 | 124,230 | 39,780 | 3.0 | .15 | <.05 | .15 | 700 | N | 10 | 100 | N | 15 | 50 | 100 |
| 1508 | 124,360 | 39,830 | 5.0 | .20 | <.05 | .10 | 150 | N | 15 | 150 | N | N | 15 | 70 |
| 1509 | 124,450 | 39,940 | 3.0 | .10 | <.05 | .15 | 50 | N | 10 | 50 | N | N | 10 | 70 |
| 1510 | 124,550 | 40,000 | 5.0 | .10 | <.05 | .15 | 150 | N | 15 | 50 | N | N | 15 | 200 |
| 1511 | 123,740 | 39,920 | 5.0 | .30 | <.05 | .15 | 300 | N | 15 | 50 | N | N | 20 | 50 |
| 1512 | 123,820 | 39,940 | 5.0 | .20 | <.05 | .15 | 300 | N | 15 | 150 | N | 10 | 10 | 70 |
| 1513 | 123,920 | 39,980 | 3.0 | .15 | <.05 | .10 | 200 | N | 15 | 150 | N | 5 | 10 | 70 |
| 1514 | 124,000 | 40,030 | 3.0 | .10 | <.05 | .15 | 300 | N | <10 | 100 | N | 10 | 15 | 70 |
| 1515 | 124,070 | 40,100 | 3.0 | .10 | <.05 | .15 | 300 | N | 10 | 70 | N | 10 | 20 | 70 |
| 1516 | 124,150 | 40,200 | 3.0 | .15 | <.05 | .15 | 150 | N | 15 | 150 | N | 5 | 15 | 100 |
| 1517 | 124,180 | 40,320 | 5.0 | .15 | <.05 | .15 | 300 | N | 15 | 150 | N | N | 15 | 100 |
| 1518 | 124,190 | 40,420 | 3.0 | .15 | .15 | .15 | 300 | N | 15 | 150 | N | 7 | 15 | 70 |
| 1519 | 124,180 | 40,520 | 5.0 | .70 | .20 | .15 | 500 | .5 | 15 | 150 | N | 15 | 30 | 300 |
| 1520 | 123,440 | 40,960 | 3.0 | .20 | <.05 | .15 | 200 | .5 | 15 | 150 | N | 10 | 10 | 700 |
| 1521 | 123,550 | 41,010 | 5.0 | .20 | <.05 | .15 | 200 | N | 10 | 150 | N | 10 | 10 | 100 |
| 1522 | 123,590 | 41,120 | 5.0 | .20 | <.05 | .15 | 150 | N | 10 | 50 | N | 5 | 10 | 200 |
| 1523 | 123,600 | 41,230 | 7.0 | .70 | .30 | .20 | 500 | N | 10 | 150 | N | 15 | 10 | 1,500 |
| 1524 | 123,530 | 40,200 | 7.0 | .15 | .05 | .20 | 500 | 1.0 | 10 | 100 | N | 10 | 15 | 500 |
| 1525 | 123,560 | 40,290 | 3.0 | .15 | <.05 | .20 | 150 | N | 15 | 100 | N | N | 10 | 70 |
| 1526 | 123,580 | 40,390 | 3.0 | .20 | <.05 | .20 | 150 | N | 15 | 50 | N | 7 | 10 | 100 |
| 1527 | 123,560 | 40,490 | 3.0 | .70 | .30 | .20 | 200 | N | 15 | 200 | N | 15 | 15 | 30 |
| 1528 | 123,530 | 40,580 | 7.0 | 1.00 | 1.50 | .30 | 300 | N | <10 | 200 | N | 20 | 150 | 70 |
| 1529 | 123,470 | 40,680 | 7.0 | 1.00 | 1.50 | .30 | 1,000 | N | 10 | 700 | N | 20 | 20 | 700 |
| 1530 | 125,190 | 39,800 | 3.0 | .10 | <.05 | .15 | 10 | N | 10 | 100 | N | N | 15 | 200 |
| 1531 | 125,090 | 39,810 | 3.0 | .10 | <.05 | .15 | 10 | N | 10 | 100 | N | N | 10 | 200 |
| 1532 | 125,010 | 39,810 | 3.0 | .50 | .07 | .15 | 70 | N | 10 | 150 | N | 7 | 10 | 500 |
| 1533 | 124,900 | 39,730 | 5.0 | .15 | <.05 | .15 | 150 | .5 | 10 | 150 | N | 7 | 20 | 700 |
| 1534 | 124,800 | 39,660 | 5.0 | .70 | .20 | .15 | 300 | N | 15 | 150 | N | 15 | 30 | 200 |
| 1535 | 124,560 | 39,880 | 5.0 | .15 | <.05 | .15 | 200 | N | 10 | 100 | N | 5 | 20 | 150 |
| 1536 | 124,640 | 39,920 | 3.0 | .10 | .20 | .15 | 10 | N | 10 | 150 | N | <5 | 10 | 70 |
| 1537 | 124,750 | 39,980 | 5.0 | .15 | .20 | .15 | 10 | N | 10 | 150 | N | <5 | 10 | 70 |
| 1538 | 124,810 | 40,050 | 3.0 | .15 | <.05 | .15 | 50 | N | 10 | 100 | N | <5 | 15 | 100 |
| 1539 | 124,380 | 40,170 | 3.0 | .15 | <.05 | .15 | 50 | N | 10 | 50 | N | <5 | 15 | 70 |
| 1540 | 124,460 | 40,250 | 5.0 | .15 | <.05 | .15 | 100 | N | 10 | 150 | N | <5 | 15 | 70 |
| 1541 | 124,590 | 40,270 | 3.0 | .70 | <.05 | .15 | 300 | .7 | 10 | 50 | N | 15 | 150 | 5,000 |
| 1542 | 124,700 | 40,210 | 3.0 | .20 | <.05 | .15 | 70 | N | 10 | 150 | N | 5 | 10 | 100 |
| 1543 | 124,470 | 40,640 | 7.0 | .20 | .10 | .20 | 700 | N | <10 | 50 | N | 20 | 50 | 500 |
| 1544 | 124,380 | 40,610 | 7.0 | .50 | .10 | .15 | 700 | .7 | <10 | 150 | N | 20 | 150 | 700 |
| 1545 | 124,370 | 40,870 | 3.0 | .15 | <.05 | .15 | 500 | N | 10 | 50 | N | 10 | 15 | 70 |
| 1546 | 124,290 | 40,890 | 3.0 | .15 | <.05 | .10 | 200 | N | <10 | 50 | N | <5 | 10 | 70 |
| 1547 | 124,210 | 40,950 | 3.0 | .20 | <.05 | .15 | 200 | N | 15 | 50 | N | <5 | 10 | 70 |
| 1548 | 124,140 | 41,040 | 3.0 | .20 | <.05 | .15 | 300 | N | 10 | 150 | N | 5 | 10 | 700 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1504 | N | 10 | 30 | 15 | N | N | 100 | N | N | 50 | <.05 | -- | 37 | 180 | 41 | 5.5 |
| 1505 | 7 | 5 | 70 | 20 | N | N | 150 | 30 | N | 70 | <.05 | -- | 80 | 65 | 120 | 5.0 |
| 1506 | N | 5 | 30 | 10 | N | N | 70 | N | 200 | 70 | <.05 | -- | 190 | 82 | 60 | 6.2 |
| 1507 | N | 20 | 50 | 15 | N | N | 100 | N | 500 | 70 | <.05 | -- | 200 | 100 | 54 | 5.5 |
| 1508 | N | 15 | 30 | 15 | N | N | 150 | N | 200 | 100 | <.05 | -- | 100 | 79 | 17 | 4.5 |
| 1509 | N | 15 | 15 | 5 | N | N | 100 | N | <200 | 70 | <.05 | -- | 35 | 120 | 16 | 5.0 |
| 1510 | N | 10 | 15 | 5 | N | N | 70 | N | N | 50 | <.05 | -- | 40 | 160 | 17 | 5.5 |
| 1511 | N | 15 | 15 | 3 | N | N | 100 | N | N | 70 | <.05 | -- | 56 | 20 | 18 | 5.0 |
| 1512 | N | 15 | 70 | 15 | N | N | 150 | N | 300 | 70 | <.05 | -- | 220 | 55 | 76 | 6.0 |
| 1513 | N | 10 | 20 | 15 | N | N | 150 | N | 200 | 100 | <.05 | -- | 100 | 44 | 37 | 6.0 |
| 1514 | N | 15 | 30 | 10 | N | N | 100 | N | <200 | 50 | <.05 | -- | 170 | 120 | 83 | 6.0 |
| 1515 | N | 10 | 30 | 10 | N | N | 100 | N | <200 | 50 | <.05 | -- | 180 | 100 | 76 | 6.0 |
| 1516 | N | 5 | 30 | 10 | N | N | 100 | N | N | 70 | <.05 | -- | 42 | 140 | 28 | 5.7 |
| 1517 | N | 5 | 30 | 15 | N | N | 150 | N | N | 70 | <.05 | -- | 56 | 160 | 31 | 5.7 |
| 1518 | N | 10 | 30 | 10 | N | N | 100 | 15 | <200 | 70 | <.05 | -- | 130 | 87 | 26 | 5.5 |
| 1519 | N | 15 | 20 | 15 | N | N | 150 | 15 | 200 | 100 | <.05 | -- | 150 | 290 | 21 | 6.0 |
| 1520 | N | 5 | 10 | 15 | N | N | 100 | N | N | 30 | <.05 | -- | 49 | 190 | 9 | 5.0 |
| 1521 | N | 7 | <10 | 15 | N | N | 100 | N | N | 50 | <.05 | -- | 31 | 57 | 10 | 4.7 |
| 1522 | N | 7 | 10 | 5 | N | N | 70 | N | N | 70 | <.05 | -- | 31 | 66 | 8 | 4.5 |
| 1523 | N | 7 | <10 | 15 | N | N | 100 | 30 | N | 20 | <.05 | -- | 58 | 1,200 | 10 | 5.5 |
| 1524 | N | 10 | 100 | 15 | N | N | 100 | N | 200 | 70 | <.05 | -- | 130 | 270 | 94 | 5.5 |
| 1525 | N | 7 | 30 | 7 | N | N | 100 | N | <200 | 70 | <.05 | -- | 100 | 75 | 32 | 5.0 |
| 1526 | N | 7 | 30 | 5 | N | N | 100 | N | N | 100 | <.05 | -- | 47 | 56 | 14 | 5.5 |
| 1527 | N | 15 | 10 | 15 | N | N | 100 | 20 | N | 100 | <.05 | -- | 43 | 12 | 16 | 6.0 |
| 1528 | N | 70 | 10 | 30 | N | N | 200 | 20 | N | 20 | <.05 | -- | 89 | 33 | 16 | 5.7 |
| 1529 | N | 50 | 10 | 30 | N | N | 150 | 30 | 200 | 100 | <.05 | -- | 95 | 420 | 10 | 5.7 |
| 1530 | 7 | N | 15 | 5 | N | N | 100 | N | N | 20 | <.05 | -- | 21 | 340 | 9 | 5.0 |
| 1531 | 7 | 5 | 15 | 5 | N | N | 100 | N | N | 20 | <.05 | -- | 10 | 240 | 7 | 5.5 |
| 1532 | 10 | 10 | <10 | 15 | N | N | 100 | 10 | N | 70 | <.05 | -- | 15 | 450 | 9 | 5.5 |
| 1533 | 10 | 10 | 20 | 15 | N | N | 100 | 10 | <200 | 70 | .05 | -- | 30 | 410 | 20 | 5.5 |
| 1534 | <5 | 15 | 20 | 15 | N | N | 150 | 10 | <200 | 70 | <.05 | -- | 75 | 280 | 20 | 5.0 |
| 1535 | <5 | 15 | 20 | 15 | N | N | 100 | 10 | <200 | 100 | <.05 | -- | 35 | 140 | 20 | 5.2 |
| 1536 | N | <5 | <10 | 15 | N | N | 70 | 10 | N | 50 | <.05 | -- | 6 | 90 | 6 | 5.0 |
| 1537 | <5 | 5 | <10 | 15 | N | N | 150 | 30 | N | 70 | <.05 | -- | 8 | 130 | 5 | 5.7 |
| 1538 | N | 5 | 30 | 15 | N | N | 70 | 10 | N | 70 | .05 | -- | 15 | 170 | 90 | 5.5 |
| 1539 | N | 5 | <10 | 10 | N | N | 70 | 10 | N | 50 | <.05 | -- | 25 | 95 | 15 | 5.0 |
| 1540 | 5 | 5 | 20 | 15 | N | N | 70 | 10 | N | 70 | <.05 | -- | 35 | 120 | 20 | 6.0 |
| 1541 | 15 | 30 | 20 | 15 | N | N | 70 | 10 | 200 | 30 | .20 | -- | 95 | 4,800 | 20 | 6.0 |
| 1542 | N | 5 | 20 | 10 | N | N | 70 | 10 | N | 70 | <.05 | -- | 15 | 53 | 15 | 6.0 |
| 1543 | N | 15 | 15 | 30 | N | N | 150 | 10 | <200 | 30 | <.05 | -- | 40 | 430 | 15 | 5.5 |
| 1544 | N | 50 | 20 | 20 | N | N | 150 | 30 | 200 | 30 | <.05 | -- | 180 | 940 | 25 | 5.0 |
| 1545 | N | 5 | 20 | 10 | N | N | 70 | N | <200 | 70 | <.05 | -- | 45 | 75 | 15 | 5.5 |
| 1546 | N | 5 | 50 | 10 | N | N | 70 | 10 | <200 | 30 | <.05 | -- | 95 | 90 | 55 | 5.0 |
| 1547 | N | 5 | 10 | 10 | N | N | 70 | N | <200 | 50 | <.05 | -- | 25 | 45 | 10 | 5.0 |
| 1548 | N | 5 | 20 | 15 | N | N | 70 | N | N | 50 | <.05 | -- | 35 | 310 | 15 | 5.0 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1549 | 124,270 | 41,110 | 3.0 | .50 | .20 | .15 | 300 | .5 | 10 | 150 | N | 10 | 10 | 700 |
| 1550 | 124,350 | 41,120 | 3.0 | .70 | .70 | .15 | 300 | N | 10 | 150 | N | 10 | 10 | 300 |
| 1551 | 124,450 | 41,100 | 3.0 | .20 | .05 | .15 | 300 | N | 10 | 100 | N | 10 | 15 | 500 |
| 1552 | 124,520 | 41,030 | 3.0 | .30 | .15 | .15 | 200 | N | 10 | 70 | N | 5 | 10 | 700 |
| 1553 | 124,600 | 40,980 | 3.0 | .70 | .05 | .15 | 500 | N | 10 | 200 | N | 10 | 10 | 1,000 |
| 1554 | 124,710 | 40,960 | 3.0 | .10 | <.05 | .10 | 300 | N | 10 | 50 | N | 15 | N | 700 |
| 1555 | 124,820 | 40,930 | 5.0 | .70 | 1.50 | .30 | 300 | .5 | 10 | 300 | N | 15 | 10 | 700 |
| 1556 | 125,120 | 40,920 | 5.0 | .15 | .07 | .30 | 500 | N | 10 | 150 | N | 15 | 15 | 700 |
| 1557 | 125,080 | 41,010 | 3.0 | .70 | .50 | .15 | 300 | N | 10 | 150 | N | 15 | 10 | 700 |
| 1558 | 125,000 | 41,060 | 7.0 | .70 | .20 | .30 | 300 | .5 | 10 | 150 | N | 15 | 150 | 1,000 |
| 1559 | 125,300 | 41,270 | 7.0 | 1.50 | 3.00 | .30 | 700 | N | 10 | 200 | N | 10 | 10 | 150 |
| 1560 | 125,390 | 41,300 | 7.0 | .20 | <.05 | .15 | 200 | N | 15 | 70 | N | 30 | 15 | 700 |
| 1561 | 125,490 | 41,300 | 5.0 | .10 | <.05 | .15 | 150 | N | 15 | 70 | N | 10 | 15 | 700 |
| 1562 | 125,570 | 41,260 | 7.0 | .10 | <.05 | .20 | 200 | N | 15 | 30 | N | 10 | 30 | 300 |
| 1563 | 125,660 | 41,220 | 3.0 | .10 | <.05 | .15 | 100 | N | 15 | 70 | N | 10 | 15 | 300 |
| 1564 | 125,760 | 41,160 | 3.0 | .10 | <.05 | .15 | 200 | N | 15 | 70 | N | 10 | 15 | 500 |
| 1565 | 125,860 | 41,140 | 3.0 | .10 | <.05 | .15 | 200 | N | 15 | 150 | N | 10 | 30 | 500 |
| 1566 | 125,960 | 41,140 | 3.0 | .10 | <.05 | .15 | 100 | N | 15 | 150 | N | 5 | 30 | 500 |
| 1567 | 126,050 | 41,140 | 7.0 | .20 | .20 | .20 | 1,000 | .5 | 15 | 150 | N | 20 | 150 | 300 |
| 1568 | 126,140 | 41,150 | 7.0 | 1.00 | .70 | .20 | 1,000 | N | 15 | 150 | N | 20 | 200 | 700 |
| 1569 | 125,600 | 41,690 | 7.0 | 1.50 | .30 | .20 | 1,000 | N | 15 | 150 | N | 20 | 50 | 500 |
| 1570 | 125,520 | 41,650 | 7.0 | .70 | .05 | .30 | 700 | N | 15 | 150 | N | 20 | 50 | 200 |
| 1571 | 125,420 | 41,600 | 7.0 | 2.00 | 1.50 | .30 | 700 | N | 15 | 200 | N | 50 | 700 | 150 |
| 1572 | 125,330 | 41,550 | 3.0 | .70 | .20 | .15 | 200 | N | 10 | 70 | N | 15 | 20 | 30 |
| 1573 | 125,210 | 41,490 | 7.0 | 1.00 | .50 | .20 | 300 | N | 10 | 70 | N | 10 | 15 | 500 |
| 1574 | 125,110 | 41,420 | 7.0 | 1.00 | .20 | .20 | 300 | N | 10 | 150 | N | <5 | 100 | 700 |
| 1575 | 125,020 | 41,360 | 5.0 | 1.00 | .50 | .10 | 300 | <.5 | 10 | 50 | N | 10 | 150 | 500 |
| 1576 | 124,970 | 41,250 | 5.0 | .20 | .05 | .10 | 300 | N | 15 | 100 | N | <5 | 15 | 300 |
| 1577 | 124,930 | 41,160 | 3.0 | .30 | .50 | .10 | 500 | N | 10 | 150 | N | 20 | 15 | 700 |
| 1578 | 125,000 | 41,760 | 7.0 | .70 | .07 | .15 | 700 | .5 | 10 | 150 | N | 20 | 15 | 1,000 |
| 1579 | 124,930 | 41,670 | 3.0 | .70 | .20 | .10 | 300 | N | 10 | 100 | N | 15 | 15 | 300 |
| 1580 | 124,880 | 41,600 | 5.0 | .50 | <.05 | .10 | 300 | N | 10 | 100 | N | 10 | 15 | 500 |
| 1581 | 124,830 | 41,510 | 3.0 | .70 | 1.50 | .10 | 300 | N | 10 | 150 | N | 5 | 10 | 30 |
| 1582 | 124,760 | 41,430 | 3.0 | .50 | .05 | .15 | 300 | N | 10 | 100 | N | 10 | <10 | 100 |
| 1583 | 124,710 | 41,350 | 5.0 | .20 | <.05 | .15 | 300 | N | 10 | 150 | N | 10 | <10 | 500 |
| 1584 | 124,660 | 41,290 | 7.0 | .70 | .30 | .20 | 700 | N | 10 | 150 | N | 15 | 15 | 500 |
| 1585 | 124,580 | 41,880 | 7.0 | .50 | <.05 | .15 | 500 | N | 10 | 100 | N | 20 | 50 | 700 |
| 1586 | 124,510 | 41,790 | 7.0 | .20 | <.05 | .15 | 300 | N | 10 | 50 | N | 10 | 30 | 500 |
| 1587 | 124,480 | 41,700 | 5.0 | .70 | .20 | .15 | 300 | N | 10 | 150 | N | 10 | 10 | 30 |
| 1588 | 124,500 | 41,600 | 7.0 | 1.50 | 1.50 | .15 | 700 | N | 10 | 200 | N | 15 | 10 | 30 |
| 1589 | 124,480 | 41,500 | 7.0 | .30 | <.05 | .15 | 300 | N | 10 | 150 | N | 10 | 10 | 200 |
| 1590 | 124,480 | 41,400 | 7.0 | .20 | <.05 | .20 | 300 | N | 15 | 100 | N | 10 | 15 | 150 |
| 1591 | 124,460 | 41,310 | 3.0 | .20 | <.05 | .15 | 300 | N | 10 | 100 | N | 15 | 10 | 300 |
| 1592 | 124,200 | 41,760 | 7.0 | .20 | <.05 | .15 | 300 | N | 15 | 20 | N | 5 | 20 | 500 |
| 1593 | 124,180 | 41,660 | 7.0 | .30 | <.05 | .15 | 300 | N | 10 | 20 | N | 5 | 100 | 200 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1549 | N | 5 | <10 | 10 | N | N | 70 | 15 | <200 | 50 | <.05 | -- | 65 | 460 | 10 | 5.5 |
| 1550 | N | 5 | <10 | 15 | N | N | 70 | 20 | N | 30 | <.05 | -- | 95 | 180 | 65 | 5.0 |
| 1551 | 5 | 5 | <10 | 15 | N | N | 100 | 20 | N | 70 | <.05 | -- | 25 | 540 | 10 | 5.0 |
| 1552 | N | 5 | 10 | 15 | N | N | 70 | N | <200 | 50 | <.05 | -- | 10 | 270 | 5 | 5.0 |
| 1553 | N | 5 | <10 | 15 | N | N | 150 | 15 | N | 100 | <.05 | -- | 30 | 570 | 5 | 6.5 |
| 1554 | N | 5 | <10 | 10 | N | N | 70 | N | N | 30 | <.05 | -- | 15 | 160 | 5 | 5.0 |
| 1555 | 5 | 10 | 10 | 15 | N | N | 100 | 30 | N | 50 | <.05 | -- | 45 | 200 | 5 | 5.5 |
| 1556 | N | 10 | 10 | 15 | N | N | 100 | 20 | N | 100 | .05 | -- | 15 | 430 | 10 | 5.0 |
| 1557 | 5 | 5 | <10 | 15 | N | N | 100 | 15 | N | 150 | <.05 | -- | 25 | 370 | 5 | 5.5 |
| 1558 | N | 15 | <10 | 20 | N | N | 150 | 20 | N | 70 | <.05 | -- | 10 | 290 | 5 | 5.7 |
| 1559 | 5 | 10 | <10 | 20 | N | 300 | 150 | 30 | N | 20 | <.05 | -- | 30 | 65 | 5 | 6.0 |
| 1560 | 10 | 15 | 20 | 15 | N | N | 150 | 10 | N | 100 | <.05 | -- | 25 | 210 | 10 | 5.0 |
| 1561 | 5 | 10 | 15 | 15 | N | N | 150 | N | N | 30 | <.05 | -- | 15 | 330 | 10 | 4.7 |
| 1562 | N | 15 | 15 | 15 | N | N | 150 | N | <200 | 50 | <.05 | -- | 25 | 130 | 5 | 5.2 |
| 1563 | N | 15 | <10 | 15 | N | N | 150 | N | <200 | 70 | <.05 | -- | 15 | 90 | 5 | 5.0 |
| 1564 | N | 15 | 30 | 15 | N | N | 150 | N | <200 | 30 | <.05 | -- | 40 | 250 | 30 | 4.7 |
| 1565 | N | 15 | 20 | 15 | N | N | 150 | N | <200 | 20 | <.05 | -- | 40 | 290 | 20 | 5.0 |
| 1566 | N | 15 | 15 | 15 | N | N | 150 | N | <200 | 30 | <.05 | -- | 20 | 290 | 10 | 5.0 |
| 1567 | N | 15 | 15 | 20 | N | N | 150 | 10 | 200 | 30 | <.05 | -- | 70 | 120 | 15 | 6.0 |
| 1568 | N | 70 | 30 | 20 | N | N | 150 | 15 | 200 | 50 | <.05 | -- | 110 | 230 | 15 | 6.5 |
| 1569 | N | 15 | 10 | 20 | N | N | 300 | 20 | 200 | 20 | <.05 | -- | 180 | 95 | 10 | 6.0 |
| 1570 | N | 15 | 10 | 30 | N | N | 150 | 15 | 200 | 70 | <.05 | -- | 35 | 55 | 10 | 5.5 |
| 1571 | N | 500 | 10 | 30 | N | N | 150 | 15 | 200 | 50 | <.05 | -- | 55 | 45 | 10 | 6.0 |
| 1572 | N | 15 | <10 | 15 | N | N | -- | 10 | <200 | 30 | <.05 | -- | 40 | 90 | 10 | 5.5 |
| 1573 | N | 15 | <10 | 20 | N | N | -- | 20 | <200 | 30 | <.05 | -- | 70 | 320 | 10 | 6.0 |
| 1574 | 30 | 15 | 10 | 20 | N | N | -- | 20 | 200 | 30 | <.05 | -- | 95 | 490 | 15 | 6.7 |
| 1575 | N | 30 | <10 | 20 | N | N | -- | 10 | <200 | 30 | <.05 | -- | 80 | 540 | 10 | 7.0 |
| 1576 | 7 | 10 | 10 | 10 | N | N | -- | 10 | <200 | 50 | <.05 | -- | 15 | 170 | 5 | 5.2 |
| 1577 | N | 5 | <10 | 7 | N | N | -- | 10 | N | 30 | <.05 | -- | 50 | 610 | 5 | 5.2 |
| 1578 | N | 15 | 15 | 30 | N | N | -- | 30 | 300 | 50 | <.05 | -- | 85 | 780 | 10 | 6.0 |
| 1579 | N | 15 | <10 | 15 | N | N | -- | 10 | <200 | 30 | <.05 | -- | 60 | 380 | 10 | 6.0 |
| 1580 | N | 15 | <10 | 15 | N | N | -- | 20 | <200 | 50 | <.05 | -- | 20 | 290 | 5 | 4.5 |
| 1581 | N | 5 | <10 | 10 | N | 200 | -- | 15 | N | 20 | <.05 | -- | 55 | 45 | 5 | 6.0 |
| 1582 | N | 5 | 10 | 5 | N | N | 50 | 10 | N | 30 | <.05 | -- | 35 | 45 | 10 | 5.5 |
| 1583 | N | 5 | 10 | 5 | N | N | 70 | 10 | N | 30 | <.05 | -- | 30 | 260 | 10 | 5.0 |
| 1584 | N | 15 | 15 | 15 | N | N | 150 | 15 | <200 | 30 | <.05 | -- | 90 | 310 | 15 | 5.2 |
| 1585 | N | 20 | 15 | 15 | N | N | 150 | 10 | N | 20 | <.05 | -- | 65 | 830 | 15 | 5.0 |
| 1586 | 5 | 15 | 20 | 15 | N | N | 150 | N | N | 70 | <.05 | -- | 45 | 240 | 15 | 5.0 |
| 1587 | N | 15 | <10 | 15 | N | N | 100 | 15 | N | 30 | <.05 | -- | 55 | 20 | 10 | 5.0 |
| 1588 | N | 10 | <10 | 15 | N | N | 100 | 30 | N | 50 | <.05 | -- | 20 | 25 | 10 | 5.2 |
| 1589 | N | 10 | 10 | 10 | N | N | 100 | N | 300 | 100 | <.05 | -- | 170 | 100 | 10 | 5.0 |
| 1590 | N | 10 | 15 | 10 | N | N | 100 | N | N | 100 | <.05 | -- | 35 | 70 | 10 | 5.0 |
| 1591 | N | 5 | 10 | 10 | N | N | 70 | 20 | N | 50 | <.05 | -- | 50 | 250 | 10 | 5.0 |
| 1592 | N | 15 | 20 | 15 | N | N | 150 | 10 | N | 30 | <.05 | -- | 60 | 380 | 10 | 5.0 |
| 1593 | N | 30 | 15 | 15 | N | N | 150 | 10 | N | 20 | <.05 | -- | 65 | 210 | 10 | 5.2 |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1594 | 124,140 | 41,560 | 3.0 | .50 | .20 | .15 | 500 | N | 10 | 150 | N | 10 | 10 | 200 |
| 1595 | 124,130 | 41,450 | 5.0 | .20 | <.05 | .15 | 300 | N | 15 | 20 | N | 10 | 10 | 500 |
| 1596 | 124,090 | 41,360 | 5.0 | .10 | <.05 | .15 | 200 | N | 10 | 20 | N | 10 | 20 | 200 |
| 1598 | 127,170 | 39,460 | 7.0 | 1.50 | .05 | .20 | 300 | N | <10 | 20 | N | 5 | 700 | 500 |
| 1599 | 127,210 | 39,560 | 7.0 | .20 | .05 | .20 | 500 | N | <10 | 100 | N | 15 | 700 | 700 |
| 1600 | 127,310 | 39,620 | 7.0 | .50 | .20 | .20 | 500 | .5 | <10 | 30 | N | 15 | 700 | 700 |
| 1601 | 127,350 | 39,720 | 7.0 | .20 | .30 | .20 | 300 | N | <10 | 150 | N | 10 | 100 | 500 |
| 1602 | 127,420 | 39,810 | 3.0 | .70 | 1.00 | .15 | 300 | N | 10 | 200 | N | 15 | 15 | 70 |
| 1603 | 127,460 | 39,900 | 5.0 | .20 | .20 | .15 | 200 | N | 10 | 100 | N | 15 | 10 | 100 |
| 1604 | 127,520 | 39,990 | 7.0 | .30 | .20 | .20 | 500 | N | 15 | 150 | N | 20 | 10 | 150 |
| 1605 | 127,580 | 40,070 | 7.0 | .70 | .50 | .30 | 500 | .5 | 10 | 200 | N | 15 | 10 | 500 |
| 1606 | 128,090 | 39,540 | 3.0 | .70 | .70 | .15 | 300 | N | 10 | 150 | N | 10 | 10 | 70 |
| 1607 | 128,010 | 39,430 | 3.0 | .20 | .50 | .10 | 300 | N | 10 | 100 | N | 10 | 10 | 100 |
| 1608 | 127,940 | 39,360 | 3.0 | .20 | .20 | .15 | 300 | N | 10 | 150 | N | 10 | 10 | 70 |
| 1609 | 127,890 | 39,260 | 5.0 | .70 | .70 | .15 | 300 | .5 | 10 | 150 | N | 10 | 10 | 300 |
| 1610 | 127,860 | 39,170 | 7.0 | 1.50 | 1.50 | .20 | 300 | .5 | 10 | 150 | N | 20 | 15 | 1,000 |
| 1611 | 127,730 | 39,150 | 7.0 | .70 | .10 | .20 | 300 | .5 | 10 | 700 | N | 30 | 30 | 1,000 |
| 1612 | 127,650 | 39,080 | 7.0 | 1.50 | 3.00 | .30 | 700 | .7 | 10 | 300 | N | 15 | 15 | 300 |
| 1613 | 127,590 | 39,040 | 5.0 | .70 | .30 | .15 | 300 | .5 | 10 | 150 | N | 15 | 15 | 700 |
| 1614 | 128,500 | 39,280 | 5.0 | .70 | .30 | .15 | 200 | N | 15 | 150 | N | 15 | 10 | 70 |
| 1615 | 128,440 | 39,170 | 5.0 | .70 | .20 | .15 | 700 | N | 15 | 150 | N | 15 | 15 | 100 |
| 1616 | 128,380 | 39,080 | 5.0 | .70 | .05 | .15 | 200 | N | 15 | 50 | N | 10 | 15 | 50 |
| 1617 | 128,320 | 39,000 | 7.0 | .30 | <.05 | .20 | 300 | N | 15 | 50 | N | 15 | 10 | 70 |
| 1618 | 128,260 | 38,910 | 7.0 | 1.00 | 1.00 | .20 | 300 | N | 10 | 200 | N | 15 | 10 | 70 |
| 1619 | 128,210 | 38,810 | 5.0 | .20 | <.05 | .15 | 300 | N | 10 | 100 | N | 15 | 20 | 150 |
| 1620 | 128,110 | 38,770 | 7.0 | .50 | <.05 | .20 | 500 | N | 10 | 100 | N | 15 | 200 | 200 |
| 1621 | 128,020 | 38,790 | 7.0 | 1.50 | 1.50 | .15 | 500 | .5 | 10 | 200 | N | 15 | 300 | 700 |
| 1622 | 127,000 | 40,400 | 5.0 | .20 | .05 | .15 | 700 | .5 | 10 | 100 | N | 10 | 15 | 150 |
| 1623 | 126,960 | 40,480 | 5.0 | .50 | .30 | .20 | 1,000 | .5 | 10 | 150 | N | 15 | 10 | 150 |
| 1624 | 126,930 | 40,580 | 5.0 | .30 | .05 | .20 | 1,500 | N | 10 | 150 | N | 15 | 10 | 100 |
| 1625 | 126,890 | 40,680 | 7.0 | 1.00 | 1.50 | .30 | 700 | .5 | 10 | 300 | N | 20 | 15 | 100 |
| 1626 | 126,800 | 40,740 | 5.0 | 1.00 | 1.00 | .20 | 700 | N | 10 | 150 | N | 15 | 15 | 70 |
| 1627 | 126,740 | 40,830 | 3.0 | .70 | .50 | .15 | 1,500 | N | 10 | 150 | N | 10 | 20 | 150 |
| 1628 | 126,660 | 40,900 | 7.0 | .70 | .50 | .20 | 700 | N | 10 | 150 | N | 15 | 30 | 30 |
| 1629 | 126,640 | 41,000 | 5.0 | .70 | .20 | .15 | 700 | N | 10 | 150 | N | 15 | 10 | 20 |
| 1630 | 126,250 | 41,230 | 7.0 | .70 | .20 | .30 | 700 | .5 | 10 | 150 | N | 15 | 15 | 300 |
| 1631 | 126,350 | 41,230 | 7.0 | .50 | .20 | .20 | 700 | .7 | 15 | 150 | N | 15 | 50 | 700 |
| 1632 | 126,460 | 41,240 | 5.0 | .20 | .10 | .20 | 200 | N | 15 | 100 | N | 10 | 200 | 150 |
| 1633 | 126,570 | 41,230 | 7.0 | .70 | .30 | .50 | 1,000 | N | 20 | 100 | N | 20 | 20 | 100 |
| 1634 | 126,650 | 41,160 | 7.0 | 1.00 | .70 | .30 | 700 | N | 10 | 100 | N | 15 | 70 | 100 |
| 1635 | 126,690 | 41,090 | 7.0 | 1.50 | .70 | .50 | 1,500 | N | 15 | 150 | N | 20 | 100 | 150 |
| 2518 | 126,100 | 41,320 | 5.0 | 1.00 | 2.00 | .30 | 2,000 | N | <10 | 300 | N | 15 | 15 | 150 |
| 2519 | 126,020 | 41,380 | 5.0 | .70 | 1.50 | .50 | 1,500 | N | 10 | 150 | N | 20 | 30 | 150 |
| 2520 | 125,930 | 41,440 | 5.0 | .70 | 1.00 | .30 | 1,500 | N | 10 | 500 | N | 10 | 50 | 50 |
| 2521 | 125,870 | 41,530 | 5.0 | .70 | .50 | .30 | 2,000 | .5 | 10 | 150 | N | 15 | 10 | 100 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1594 | N | 10 | <10 | 15 | N | N | 50 | 30 | N | 50 | <.05 | -- | 90 | 150 | 10 | 5.7 |
| 1595 | N | 10 | 30 | 15 | N | N | 100 | 10 | 200 | 30 | <.05 | -- | 95 | 160 | 25 | 4.7 |
| 1596 | 7 | 10 | 15 | 15 | N | N | 100 | 10 | N | 30 | <.05 | -- | 45 | 220 | 15 | 5.2 |
| 1598 | N | 150 | 10 | 15 | N | N | 150 | N | N | 20 | <.05 | -- | 45 | 380 | 10 | 6.5 |
| 1599 | N | 150 | 10 | 15 | N | N | 150 | N | 200 | 30 | <.05 | -- | 55 | 760 | 10 | 5.2 |
| 1600 | N | 150 | 10 | 15 | N | N | 150 | N | 200 | 30 | <.05 | -- | 100 | 680 | 10 | 6.2 |
| 1601 | N | 100 | 10 | 15 | 10 | N | 150 | 10 | N | 50 | <.05 | -- | 55 | 280 | 10 | 6.7 |
| 1602 | N | 15 | <10 | 15 | N | N | 70 | N | N | 70 | <.05 | -- | 55 | 110 | 10 | 6.5 |
| 1603 | N | 10 | 15 | 15 | N | N | 100 | N | N | 50 | <.05 | -- | 85 | 100 | 20 | 5.2 |
| 1604 | N | 10 | 15 | 15 | N | N | 100 | 15 | 300 | 70 | <.05 | -- | 270 | 220 | 15 | 5.2 |
| 1605 | N | 7 | 10 | 30 | N | N | 150 | 30 | <200 | 100 | <.05 | -- | 90 | 310 | 5 | 5.2 |
| 1606 | N | 7 | <10 | 10 | N | N | 100 | 10 | N | 30 | .05 | -- | 90 | 130 | 15 | 6.5 |
| 1607 | N | 5 | 20 | 7 | N | N | 100 | N | <200 | 30 | <.05 | -- | 130 | 210 | 25 | 6.5 |
| 1608 | N | 10 | 15 | 10 | N | N | 100 | N | <200 | 50 | <.05 | -- | 110 | 60 | 15 | 5.2 |
| 1609 | N | 7 | 15 | 15 | N | N | 100 | 15 | <200 | 50 | <.05 | -- | 90 | 180 | 15 | 6.2 |
| 1610 | N | 15 | 10 | 30 | N | N | 150 | 30 | 200 | 100 | <.05 | -- | 80 | 760 | 10 | 5.7 |
| 1611 | N | 15 | <10 | 30 | N | N | 150 | 30 | N | 50 | <.05 | -- | 55 | 830 | 10 | 6.7 |
| 1612 | N | 10 | <10 | 20 | N | 300 | 150 | 30 | <200 | 100 | <.05 | -- | 60 | 130 | 10 | 5.2 |
| 1613 | N | 15 | 15 | 15 | 10 | N | 100 | 20 | <200 | 100 | <.05 | -- | 110 | 420 | 15 | 5.0 |
| 1614 | N | 10 | 15 | 15 | N | N | 100 | 15 | <200 | 70 | <.05 | -- | 70 | 60 | 15 | 5.0 |
| 1615 | N | 15 | 10 | 15 | N | N | 100 | 20 | 200 | 70 | <.05 | -- | 260 | 140 | 10 | 6.5 |
| 1616 | N | 15 | 30 | 20 | N | N | 100 | 10 | 200 | 70 | <.05 | -- | 100 | 25 | 25 | 5.5 |
| 1617 | N | 10 | 30 | 20 | N | N | 100 | 10 | 300 | 70 | <.05 | -- | 130 | 25 | 35 | 5.7 |
| 1618 | N | 10 | 10 | 20 | N | N | 100 | 30 | N | 70 | <.05 | -- | 30 | 55 | 10 | 5.5 |
| 1619 | N | 15 | 15 | 10 | N | N | 100 | N | <200 | 70 | <.05 | -- | 110 | 110 | 15 | 5.5 |
| 1620 | N | 70 | 15 | 20 | N | N | 100 | N | <200 | 70 | <.05 | -- | 90 | 110 | 15 | 5.5 |
| 1621 | N | 70 | 10 | 15 | N | N | 100 | 20 | N | 70 | <.05 | -- | 120 | 410 | 5 | 6.0 |
| 1622 | N | 10 | 20 | 15 | N | N | 150 | N | 200 | 70 | <.05 | -- | 100 | 130 | 15 | 5.5 |
| 1623 | N | 10 | 20 | 15 | N | N | 150 | 15 | 300 | 70 | <.05 | -- | 330 | 180 | 20 | 5.7 |
| 1624 | N | 15 | 30 | 20 | N | N | 150 | 15 | 200 | 70 | <.05 | -- | 200 | 130 | 20 | 6.2 |
| 1625 | N | 15 | 50 | 20 | N | 150 | 200 | 20 | 200 | 100 | <.05 | -- | 160 | 75 | 35 | 6.2 |
| 1626 | N | 15 | 10 | 15 | N | 100 | 150 | 10 | <200 | 50 | <.05 | -- | 130 | 75 | 10 | 6.2 |
| 1627 | N | 15 | 15 | 20 | N | N | 100 | 20 | 200 | 50 | <.05 | -- | 170 | 170 | 15 | 6.5 |
| 1628 | N | 15 | 15 | 20 | N | N | 200 | N | 200 | 50 | <.05 | -- | 230 | 30 | 10 | 6.5 |
| 1629 | N | 15 | 15 | 15 | N | N | 100 | N | <200 | 50 | <.05 | -- | 100 | 20 | 15 | 6.5 |
| 1630 | N | 15 | 30 | 30 | N | N | 150 | 30 | 200 | 70 | <.05 | -- | 150 | 250 | 20 | 6.5 |
| 1631 | N | 15 | 30 | 15 | N | N | 150 | 10 | 200 | 70 | <.05 | -- | 85 | 340 | 20 | 6.5 |
| 1632 | N | 30 | 30 | 15 | N | N | 150 | N | 200 | 50 | <.05 | -- | 35 | 95 | 15 | 6.5 |
| 1633 | N | 15 | 20 | 30 | N | N | 300 | 20 | N | 70 | <.05 | -- | 110 | 90 | 10 | 6.5 |
| 1634 | N | 30 | 15 | 20 | N | N | 200 | 20 | N | 50 | <.05 | -- | 120 | 110 | 15 | 6.2 |
| 1635 | N | 15 | 20 | 30 | N | N | 200 | 20 | N | 50 | <.05 | -- | 100 | 100 | 10 | 6.5 |
| 2518 | N | 20 | 10 | 30 | N | N | 200 | 10 | N | 10 | >.05 | -- | 1,200 | 190 | 13 | -- |
| 2519 | N | 15 | <10 | 30 | N | N | 200 | 20 | <200 | 70 | .05 | -- | 440 | 220 | 7 | -- |
| 2520 | N | 10 | 15 | 15 | N | N | 150 | 10 | 200 | 70 | .10 | -- | 630 | 55 | 15 | -- |
| 2521 | N | 10 | 15 | 20 | N | N | 150 | 15 | 300 | 50 | .10 | -- | 960 | 115 | 15 | -- |

Río Viví soil samples

| Sample | X-COORD. | Y-COORD. | S-FE% | S-MG% | S-CA% | S-TI% | S-MN | S-AG | S-B | S-BA | S-BE | S-CO | S-CR | S-CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2522 | 125,830 | 41,620 | 5.0 | .70 | .10 | .30 | 1,000 | N | 10 | 100 | N | 10 | N | 100 |
| 2523 | 125,750 | 41,680 | 5.0 | 1.00 | 1.50 | .30 | 700 | N | <10 | 150 | N | 20 | 20 | 70 |

Río Viví soil samples

| Sample | S-MO | S-NI | S-PB | S-SC | S-SN | S-SR | S-V | S-Y | S-ZN | S-ZR | AA-AU | AA-CD | AA-ZN | AA-CU | AA-PB | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2522 | N | 10 | 10 | 20 | N | N | 150 | 20 | 200 | 50 | .10 | -- | 1,300 | 200 | 9 | -- |
| 2523 | N | 30 | 15 | 20 | N | N | 300 | 15 | 300 | 30 | .05 | -- | 950 | 45 | 12 | -- |